

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080118\
 Data File : VX003795.D
 Acq On : 01 Aug 2018 15:52
 Operator : JC/SP
 Sample : VX0801SBSD01
 Misc : 5.00G/5.0mL/MSVOA X/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0801SBSD01

Manual Integrations
 APPROVED

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 8/2/2018 4:20:08 PM

Quant Time: Aug 02 06:36:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 11:17:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	104162	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	152522	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.12	117	127466	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	71913	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	48442	45.98	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	91.96%	
35) Dibromofluoromethane	5.50	113	40982	45.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.26%	
50) Toluene-d8	8.72	98	171956	45.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.84%	
62) 4-Bromofluorobenzene	11.14	95	60907	44.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	16996	19.332	ug/l	100
3) Chloromethane	1.32	50	20172	18.253	ug/l	97
4) Vinyl Chloride	1.40	62	22132	18.618	ug/l	92
5) Bromomethane	1.63	94	12672	18.290	ug/l	99
6) Chloroethane	1.70	64	12504	15.906	ug/l	97
7) Trichlorofluoromethane	1.92	101	28169	18.071	ug/l	98
8) Diethyl Ether	2.18	74	10293	17.472	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	18066	18.270	ug/l	98
10) Methyl Iodide	2.50	142	14247	12.532	ug/l	99
11) Tert butyl alcohol	3.09	59	16297	95.538	ug/l	100
12) 1,1-Dichloroethene	2.36	96	17007	18.267	ug/l	95
13) Acrolein	2.29	56	5653	101.290	ug/l	94
14) Allyl chloride	2.72	41	28599	17.328	ug/l	98
15) Acrylonitrile	3.15	53	41654	96.018	ug/l	98
16) Acetone	2.45	43	29494	73.296	ug/l	99
17) Carbon Disulfide	2.56	76	48925	16.151	ug/l	100
18) Methyl Acetate	2.78	43	18609	16.457	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	47664	18.808	ug/l	# 91
20) Methylene Chloride	2.85	84	21729	18.498	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	19002	18.627	ug/l	95
22) Diisopropyl ether	3.87	45	53331	17.900	ug/l	97
23) Vinyl Acetate	3.82	43	187349	87.188	ug/l	99
24) 1,1-Dichloroethane	3.69	63	32083	18.465	ug/l	97
25) 2-Butanone	4.70	43	51809	88.321	ug/l	100
26) 2,2-Dichloropropane	4.58	77	27286	19.940	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	21814	19.842	ug/l	96
28) Bromochloromethane	5.02	49	13575	17.418	ug/l	98
29) Tetrahydrofuran	5.16	42	33941	90.793	ug/l	100
30) Chloroform	5.21	83	32078	18.736	ug/l	96
31) Cyclohexane	5.57	56	31369	18.690	ug/l	87
32) 1,1,1-Trichloroethane	5.49	97	28291	19.226	ug/l	99
36) 1,1-Dichloropropene	5.79	75	26543	18.583	ug/l	98
37) Ethyl Acetate	4.85	43	19733	17.985	ug/l	97
38) Carbon Tetrachloride	5.78	117	25090	18.991	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	33118	18.885	ug/l	98
40) Benzene	6.14	78	77425	18.915	ug/l	99
41) Methacrylonitrile	5.06	41	11059	17.882	ug/l	99
42) 1,2-Dichloroethane	6.20	62	22505	18.204	ug/l	100
43) Isopropyl Acetate	6.46	43	30715	17.570	ug/l	100
44) Trichloroethene	7.21	130	21561	18.465	ug/l	94
45) 1,2-Dichloropropane	7.52	63	18861	18.737	ug/l	96
46) Dibromomethane	7.67	93	9970	17.188	ug/l	99
47) Bromodichloromethane	7.90	83	21165	18.309	ug/l	99
48) Methyl methacrylate	7.78	41	15206	17.341	ug/l	99
49) 1,4-Dioxane	7.76	88	7023	396.810	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	96417	89.743	ug/l	99
52) Toluene	8.79	92	48351	18.937	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	23135	17.523	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	26519	18.020	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	16511	18.789	ug/l	99
56) Ethyl methacrylate	9.18	69	20965	17.369	ug/l	98
57) 1,3-Dichloropropane	9.37	76	27021	18.318	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	46990	84.386	ug/l	99
59) 2-Hexanone	9.50	43	74005	90.418	ug/l	97
60) Dibromochloromethane	9.59	129	15335	17.328	ug/l	99
61) 1,2-Dibromoethane	9.67	107	16008	17.842	ug/l	99
64) Tetrachloroethene	9.34	164	20333	20.294	ug/l	95
65) Chlorobenzene	10.14	112	53989	20.269	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	17450	20.089	ug/l	100
67) Ethyl Benzene	10.26	91	91326	20.305	ug/l	100
68) m/p-Xylenes	10.36	106	71861	40.844	ug/l	100
69) o-Xylene	10.70	106	32613	19.963	ug/l	98
70) Styrene	10.71	104	55724	20.275	ug/l	100
71) Bromoform	10.86	173	10922	18.287	ug/l #	98
73) Isopropylbenzene	11.02	105	92673	20.585	ug/l	100
74) N-amyl acetate	6.46	43	30715	19.248	ug/l #	56
75) 1,1,2,2-Tetrachloroethane	11.27	83	22400	19.138	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	19386m	19.558	ug/l	
77) Bromobenzene	11.26	156	24108	20.540	ug/l	99
78) n-propylbenzene	11.36	91	112182	20.569	ug/l	99
79) 2-Chlorotoluene	11.42	91	63419	20.481	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	78821	20.512	ug/l #	68
81) trans-1,4-Dichloro-2-buten	11.08	75	6154	18.390	ug/l #	90
82) 4-Chlorotoluene	11.51	91	76370	20.334	ug/l	100
83) tert-Butylbenzene	11.77	119	76534	20.137	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	80415	20.331	ug/l	99
85) sec-Butylbenzene	11.95	105	100471	20.663	ug/l	99
86) p-Isopropyltoluene	12.07	119	89340	20.215	ug/l #	70
87) 1,3-Dichlorobenzene	12.03	146	47488	20.001	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	48048	19.835	ug/l	99
89) n-Butylbenzene	12.39	91	85052	20.221	ug/l	100
90) Hexachloroethane	12.60	117	12742	19.417	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	44050	19.923	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	4556	19.618	ug/l	94

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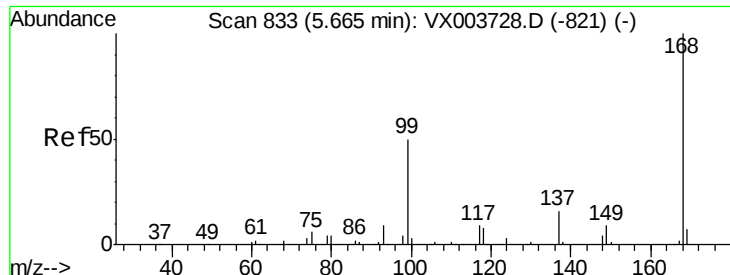
Manual Integrations
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Quant Time: Aug 02 06:36:50 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	34364	19.592	ug/l	99
94) Hexachlorobutadiene	13.79	225	22274	19.858	ug/l	99
95) Naphthalene	13.83	128	73727	19.670	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	31394	19.718	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX003795.D

Acq: 01 Aug 2018 15:52

Instrument :

MSVOA_X

ClientSampleId :

VX0801SBSD01

Tot Ion:168 Resp: 104162

Ion Ratio Lower Upper

168 100

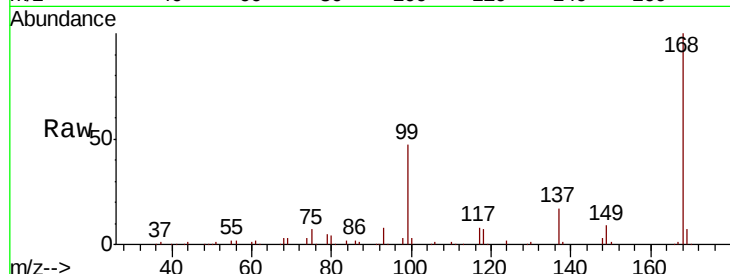
99 47.0 40.2 60.2

Manual Integrations

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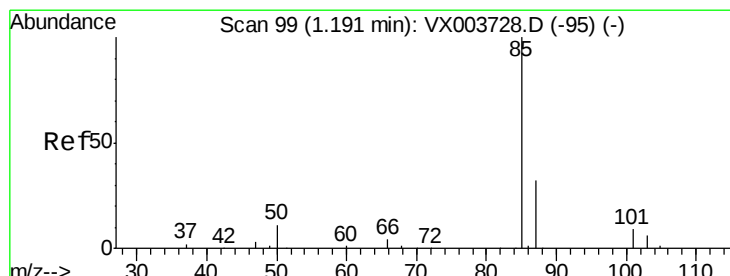
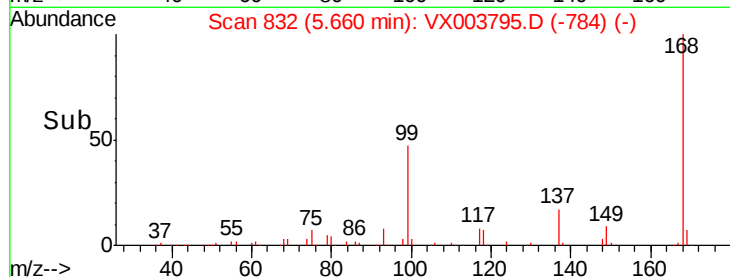
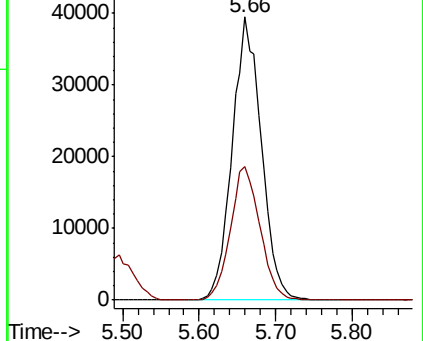
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.332 ug/l

RT: 1.19 min Scan# 99

Delta R.T. 0.00 min

Lab File: VX003795.D

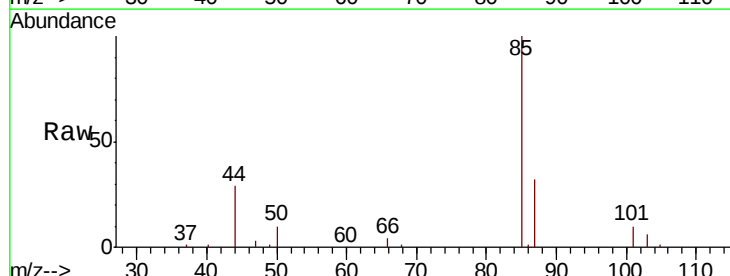
Acq: 01 Aug 2018 15:52

Tgt Ion: 85 Resp: 16996

Ion Ratio Lower Upper

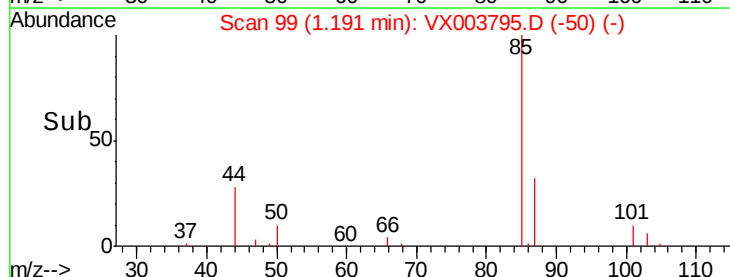
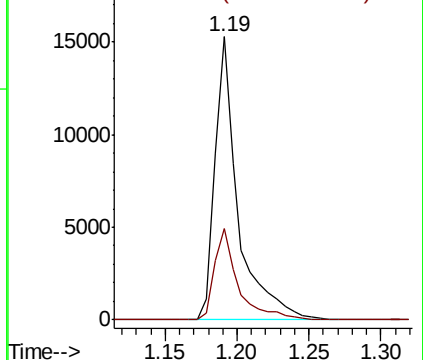
85 100

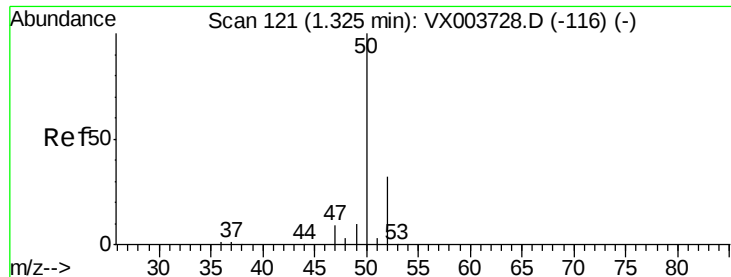
87 32.2 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.253 ug/l

RT: 1.32 min Scan# 120

Delta R.T. -0.01 min

Lab File: VX003795.D

Acq: 01 Aug 2018 15:52

Instrument :

MSVOA_X

ClientSampleId :

VX0801SBSD01

Tot Ion: 50 Resp: 20172

Ion Ratio Lower Upper

50 100

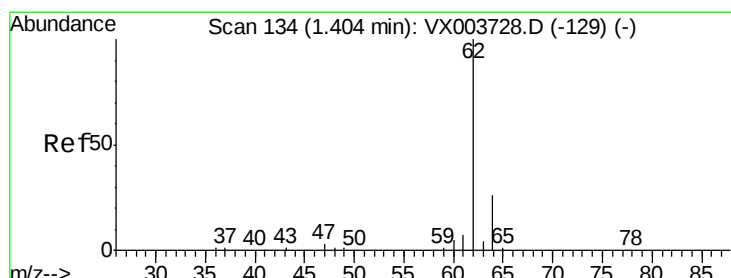
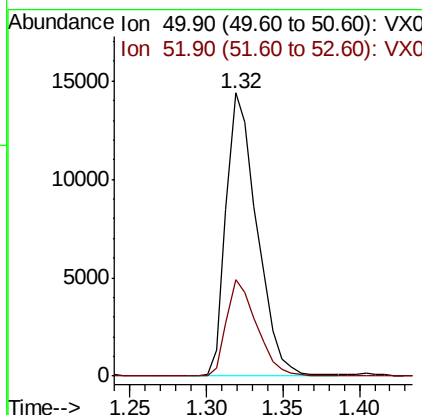
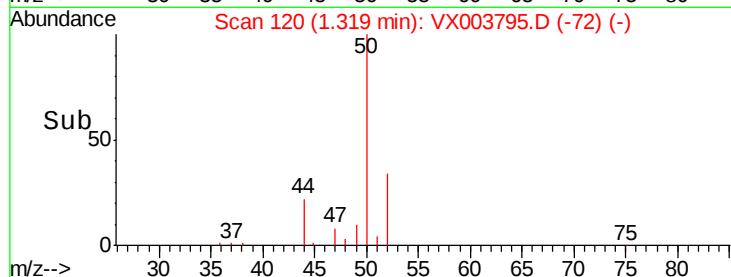
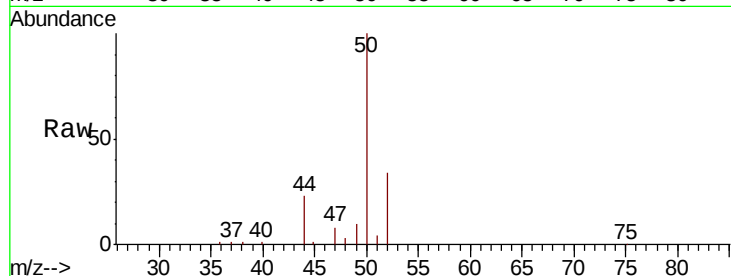
52 34.2 25.9 38.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.618 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003795.D

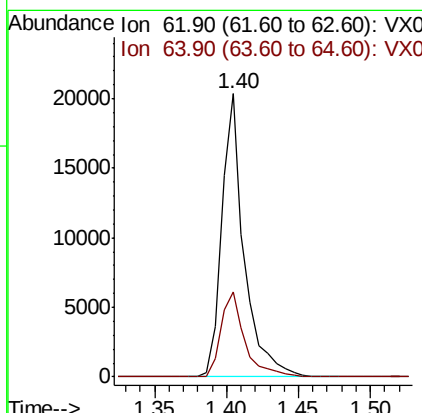
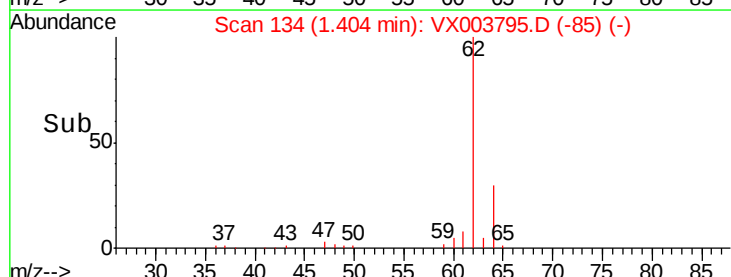
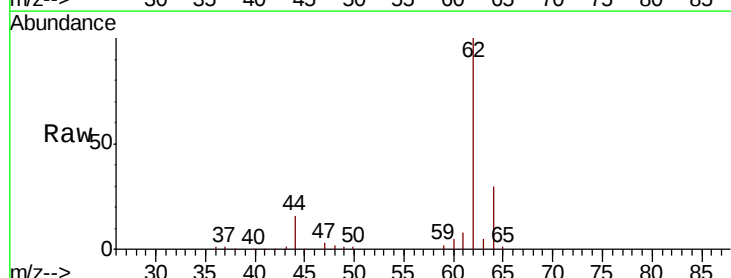
Acq: 01 Aug 2018 15:52

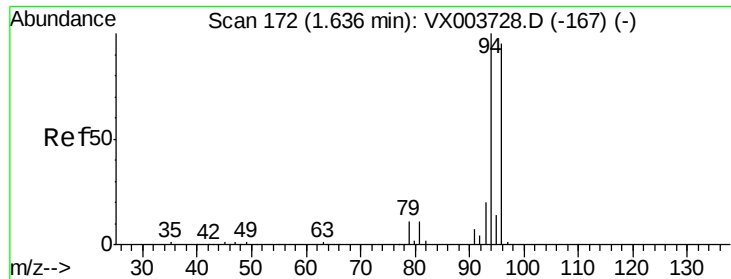
Tgt Ion: 62 Resp: 22132

Ion Ratio Lower Upper

62 100

64 30.1 21.0 31.4





#5

Bromomethane

Concen: 18.290 ug/l

RT: 1.63 min Scan# 171

Delta R.T. -0.01 min

Lab File: VX003795.D

Acq: 01 Aug 2018 15:52

Instrument :

MSVOA_X

ClientSampleId :

VX0801SBSD01

Tot Ion: 94 Resp: 12672

Ion Ratio Lower Upper

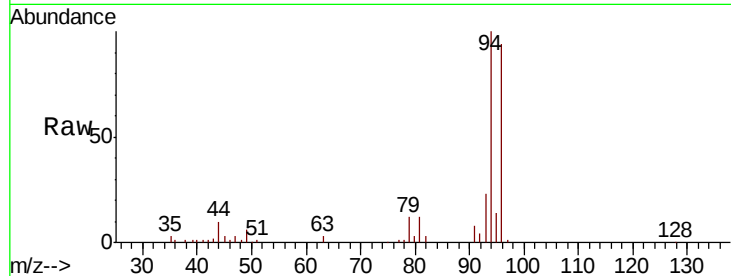
94 100

96 94.4 76.0 114.0

Manual Integrations
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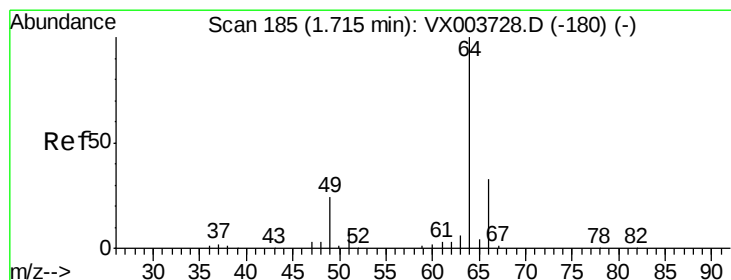
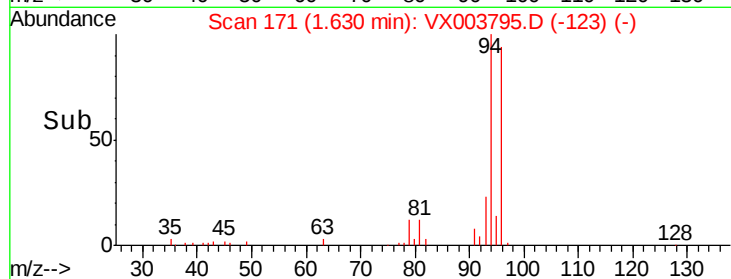
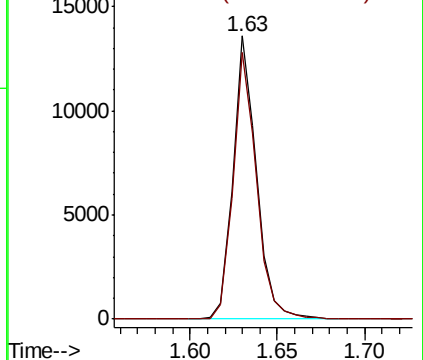
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 15.906 ug/l

RT: 1.70 min Scan# 183

Delta R.T. -0.01 min

Lab File: VX003795.D

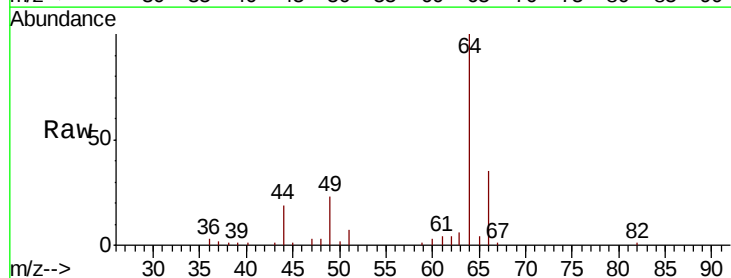
Acq: 01 Aug 2018 15:52

Tgt Ion: 64 Resp: 12504

Ion Ratio Lower Upper

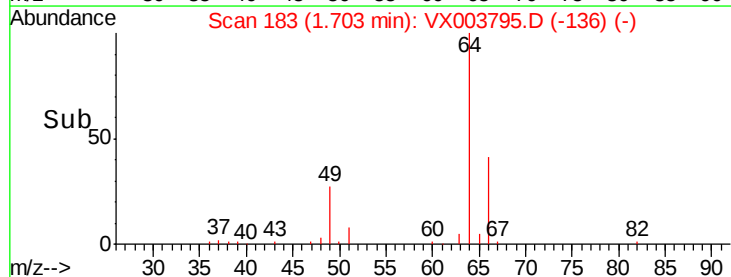
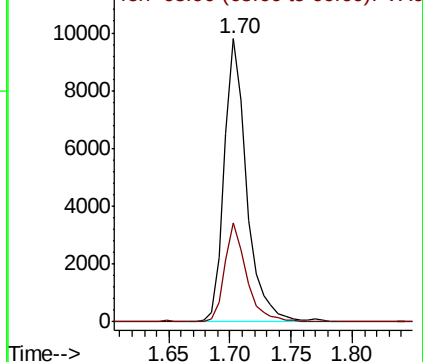
64 100

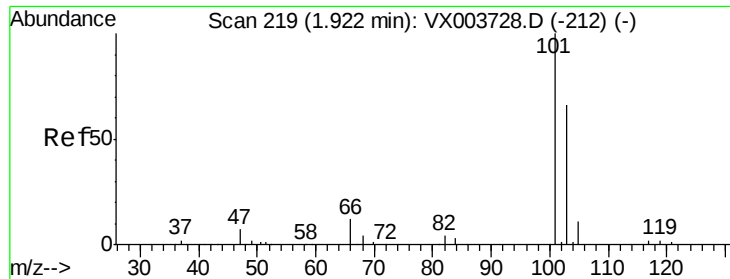
66 34.9 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

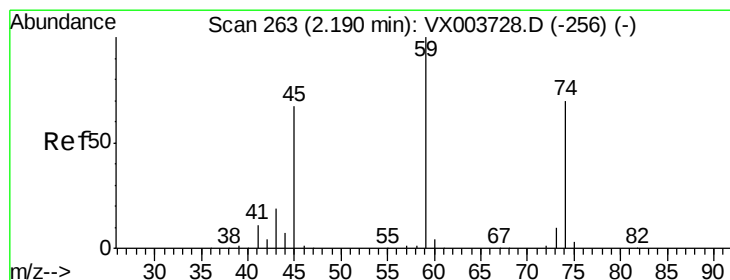
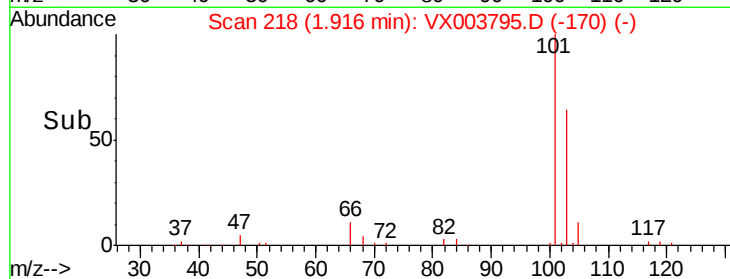
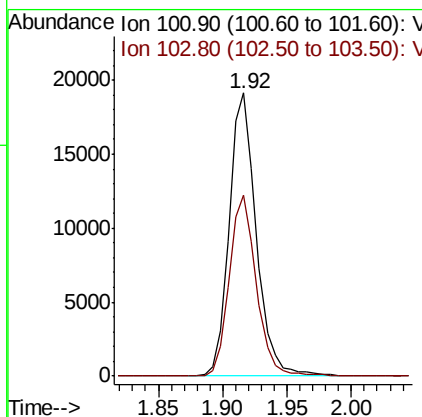
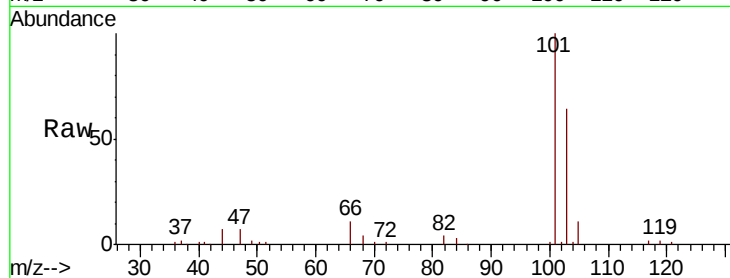
Trichlorofluoromethane
 Concen: 18.071 ug/l
 RT: 1.92 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: VX003795.D
 Acq: 01 Aug 2018 15:52

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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.8	52.6	78.8

Manual Integrations
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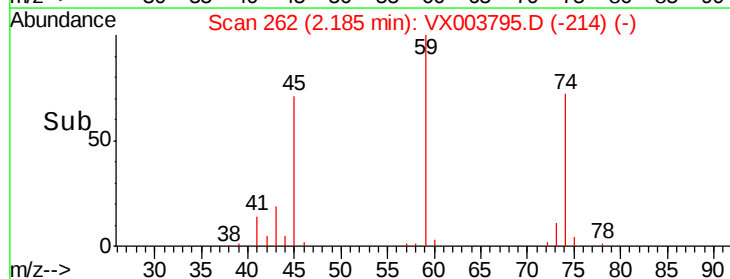
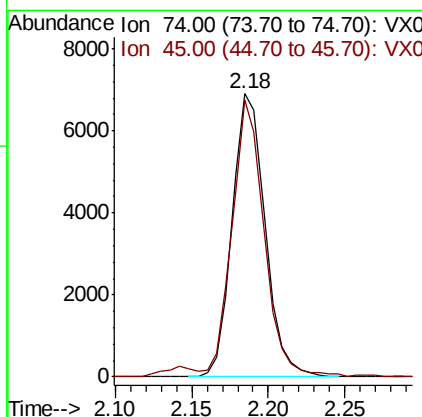
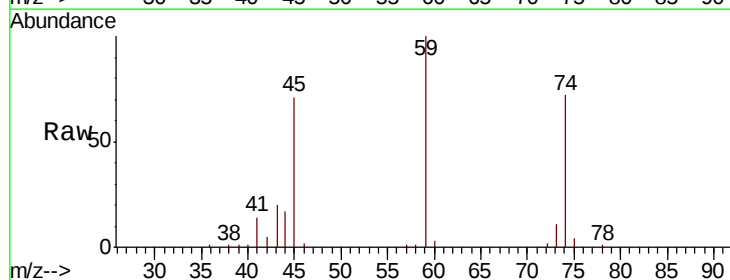
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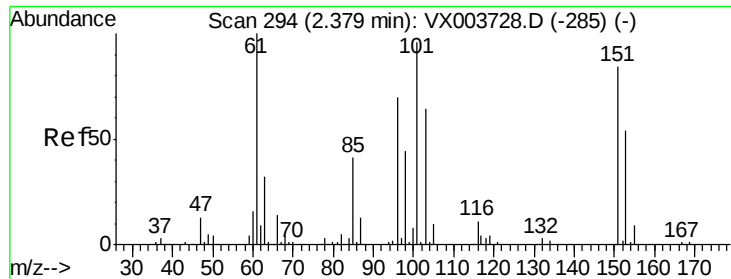


#8

Diethyl Ether
 Concen: 17.472 ug/l
 RT: 2.18 min Scan# 262
 Delta R.T. -0.01 min
 Lab File: VX003795.D
 Acq: 01 Aug 2018 15:52

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.7	49.5	148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.270 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.01 min

Lab File: VX003795.D

Acq: 01 Aug 2018 15:52

Instrument :

MSVOA_X

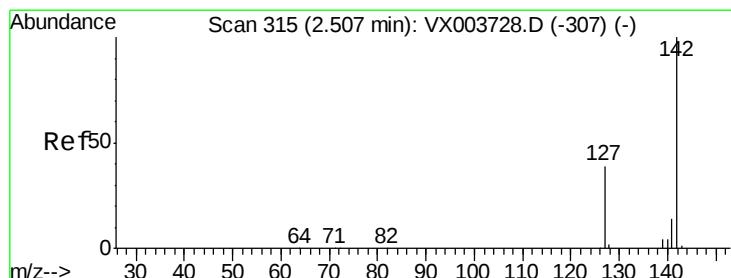
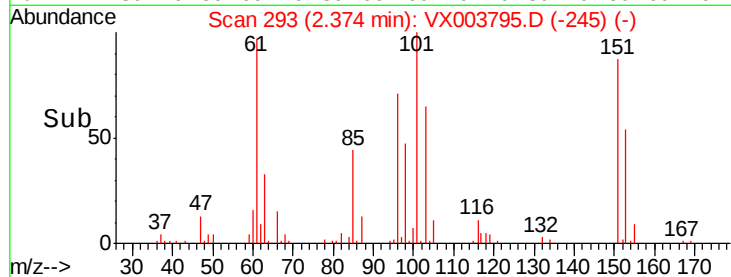
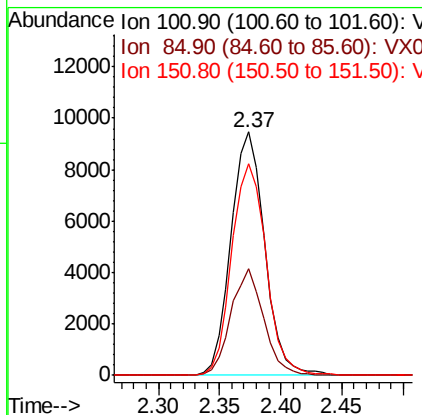
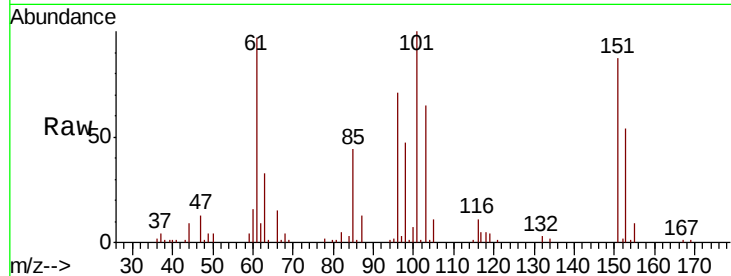
ClientSampleId :

VX0801SBSD01

Tot Ion:	101	Resp:	18066
Ion Ratio	Lower	Upper	
101	100		
85	42.4	33.3	49.9
151	88.7	68.8	103.2

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#10

Methyl Iodide

Concen: 12.532 ug/l

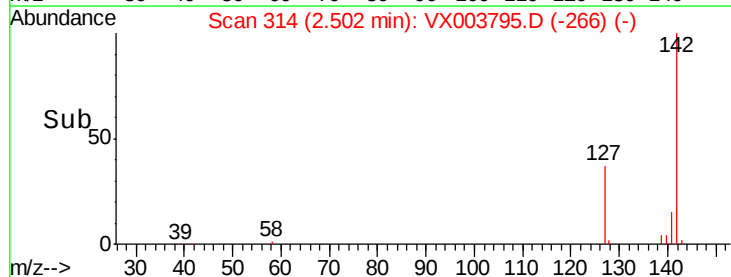
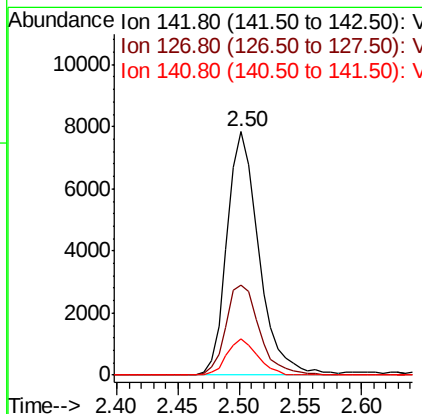
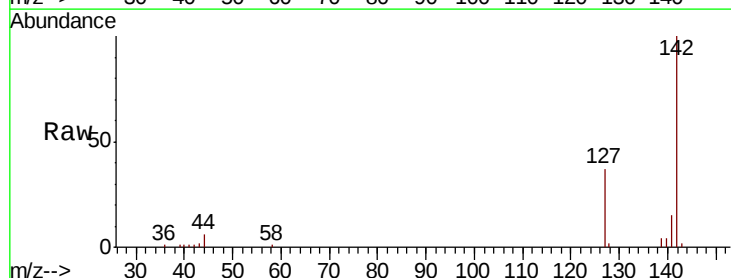
RT: 2.50 min Scan# 314

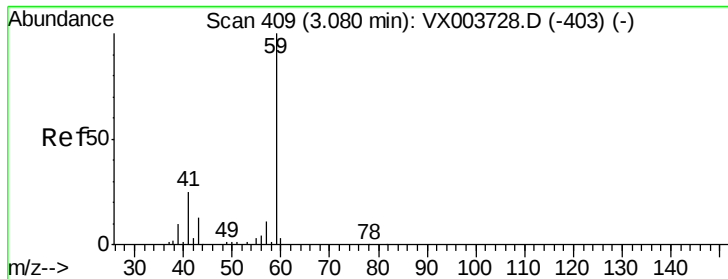
Delta R.T. -0.01 min

Lab File: VX003795.D

Acq: 01 Aug 2018 15:52

Tgt Ion:	142	Resp:	14247
Ion Ratio	Lower	Upper	
142	100		
127	38.9	32.0	48.0
141	14.0	11.3	16.9





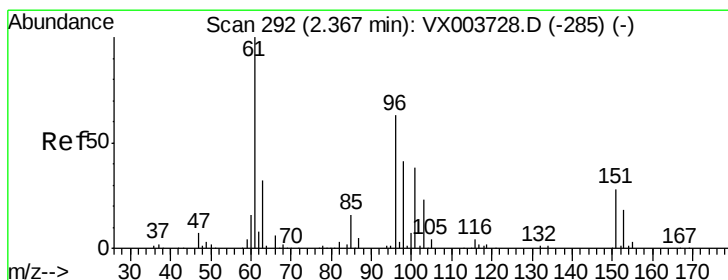
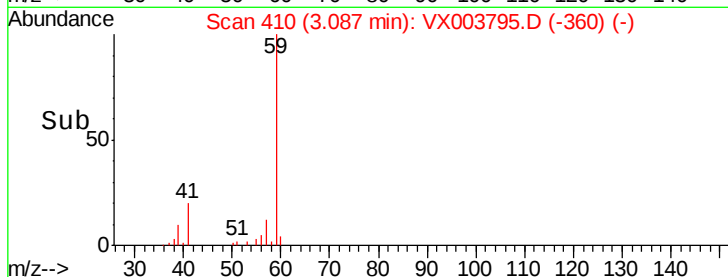
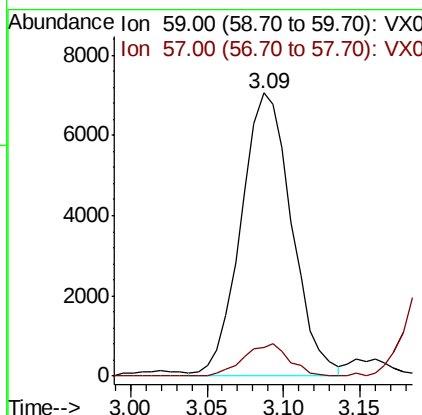
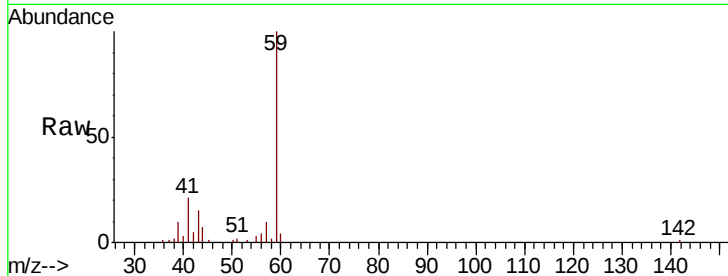
#11
Tert butyl alcohol
Concen: 95.538 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX003795.D
Acq: 01 Aug 2018 15:52

Instrument :
MSVOA_X
ClientSampleId :
VX0801SBSD01

Tot Ion	59	Resp	16297
Ion Ratio	100	Lower	Upper
57	10.2	8.1	12.1

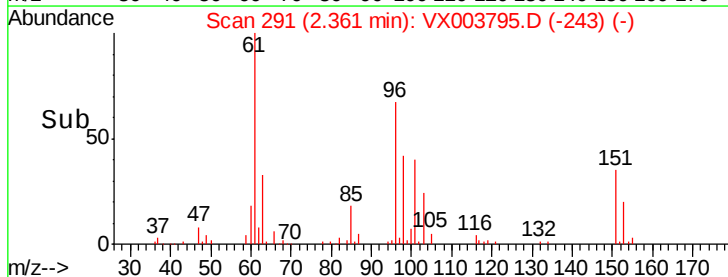
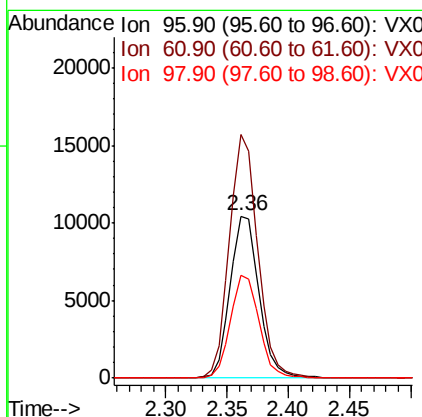
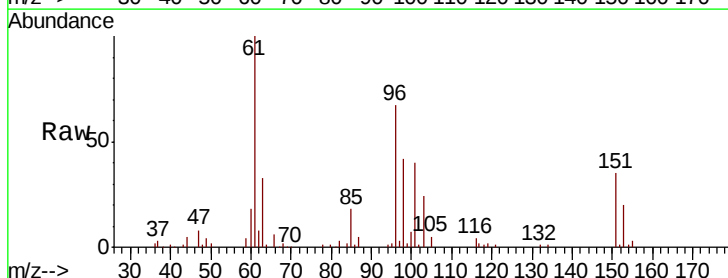
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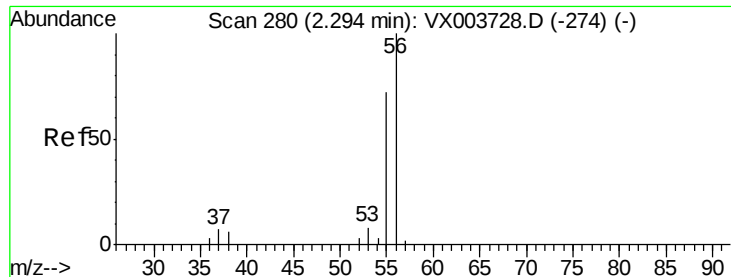
apatel
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#12
1,1-Dichloroethene
Concen: 18.267 ug/l
RT: 2.36 min Scan# 291
Delta R.T. -0.01 min
Lab File: VX003795.D
Acq: 01 Aug 2018 15:52

Tgt Ion	96	Resp	17007
Ion Ratio	100	Lower	Upper
61	150.2	127.1	190.7
98	63.1	52.0	78.0





#13

Acrolein

Concen: 101.290 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003795.D

Acq: 01 Aug 2018 15:52

Instrument :

MSVOA_X

ClientSampleId :

VX0801SBSD01

Tot Ion: 56 Resp: 5653

Ion Ratio Lower Upper

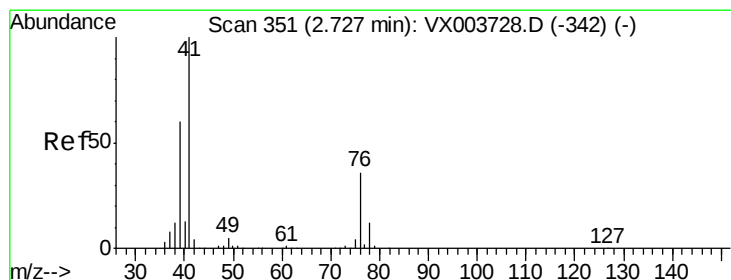
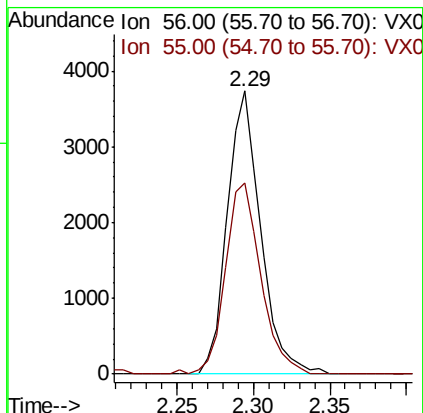
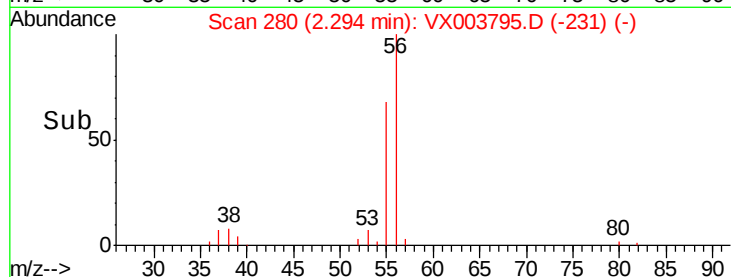
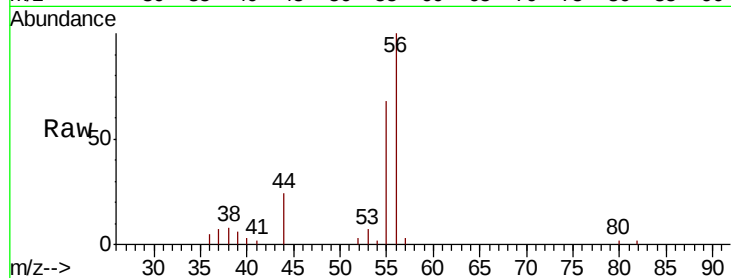
56 100

55 71.7 61.4 92.0

Manual Integrations
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#14

Allyl chloride

Concen: 17.328 ug/l

RT: 2.72 min Scan# 350

Delta R.T. -0.01 min

Lab File: VX003795.D

Acq: 01 Aug 2018 15:52

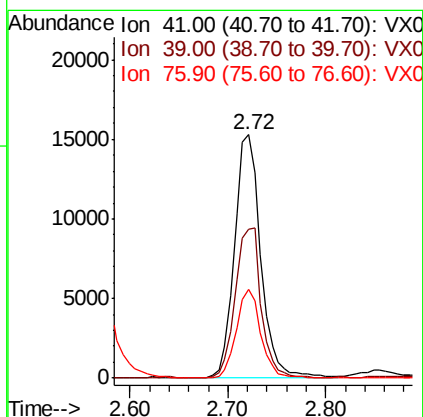
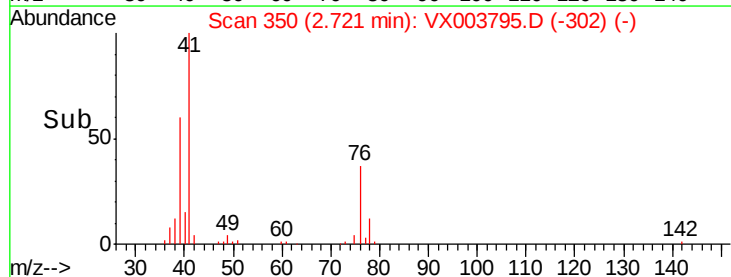
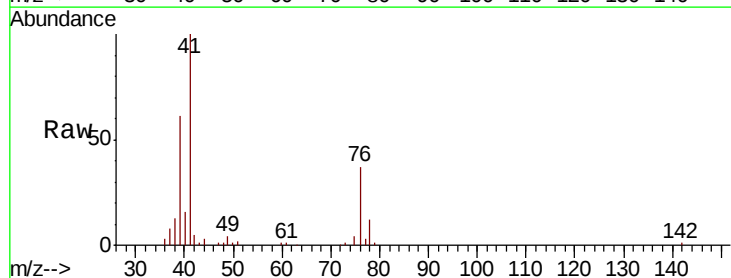
Tgt Ion: 41 Resp: 28599

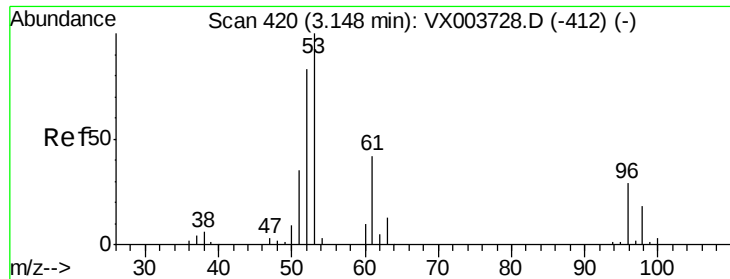
Ion Ratio Lower Upper

41 100

39 61.5 47.7 71.5

76 34.1 27.0 40.6





#15

Acrylonitrile

Concen: 96.018 ug/l

RT: 3.15 min Scan# 420

Delta R.T. 0.00 min

Lab File: VX003795.D

Acq: 01 Aug 2018 15:52

Instrument :

MSVOA_X

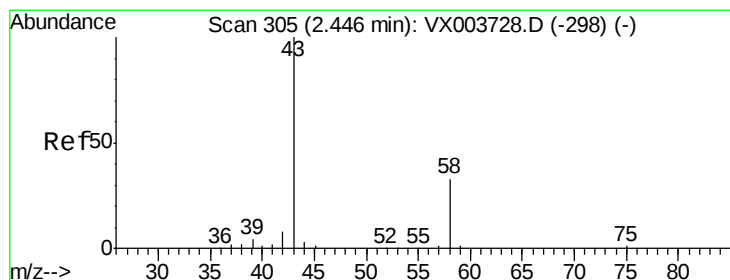
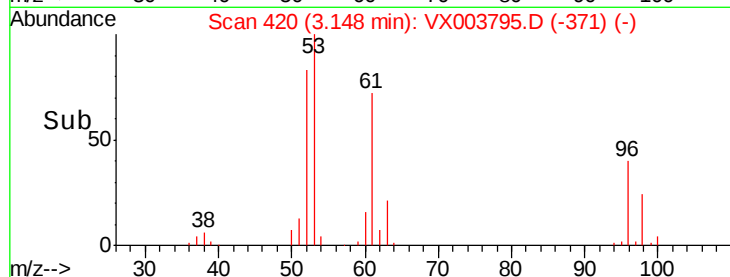
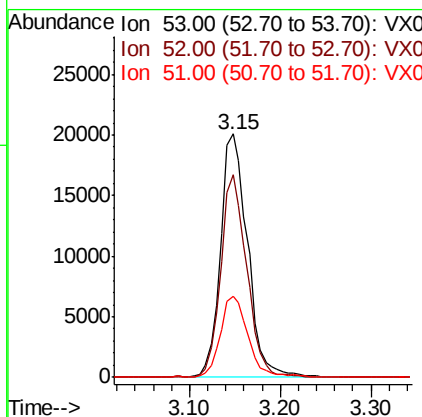
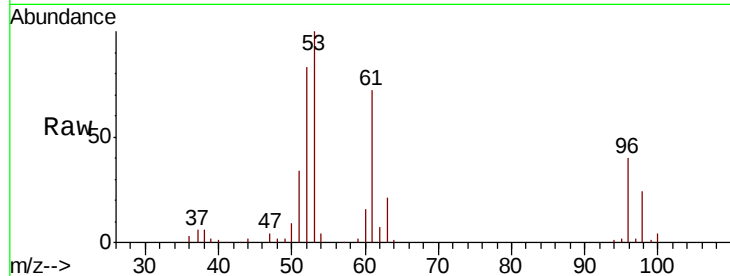
ClientSampled :

VX0801SBSD01

Tot Ion:	53	Resp:	41654
Ion	Ratio	Lower	Upper
53	100		
52	80.3	66.2	99.2
51	34.4	28.5	42.7

Manual Integrations
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#16

Acetone

Concen: 73.296 ug/l

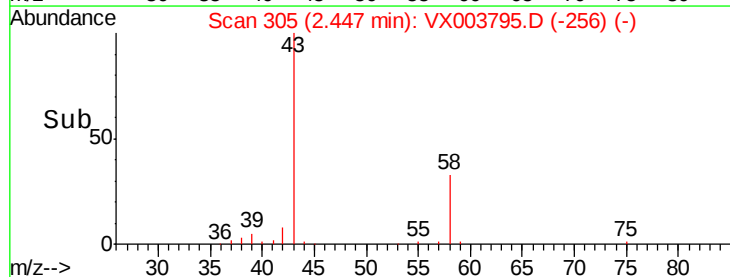
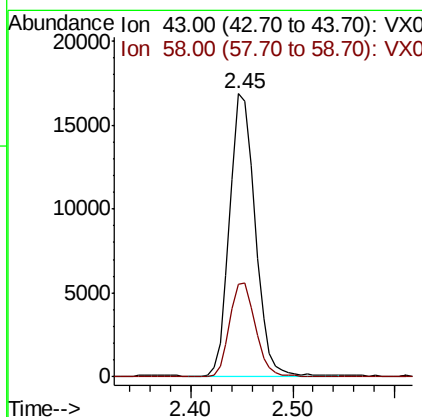
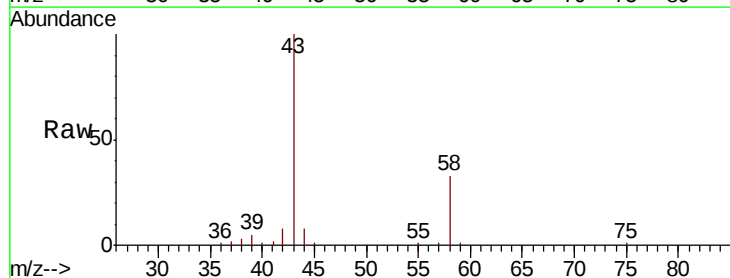
RT: 2.45 min Scan# 305

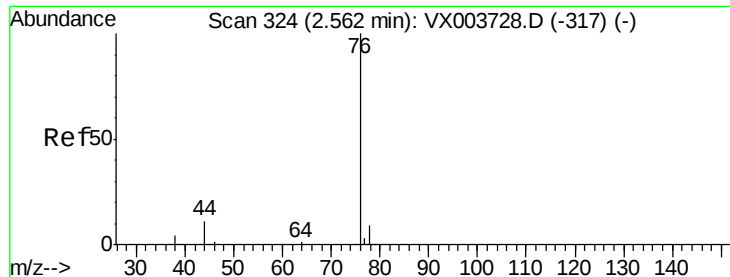
Delta R.T. 0.00 min

Lab File: VX003795.D

Acq: 01 Aug 2018 15:52

Tgt Ion:	43	Resp:	29494
Ion	Ratio	Lower	Upper
43	100		
58	32.9	26.7	40.1





#17

Carbon Disulfide

Concen: 16.151 ug/l

RT: 2.56 min Scan# 323

Delta R.T. -0.01 min

Lab File: VX003795.D

Acq: 01 Aug 2018 15:52

Instrument :

MSVOA_X

ClientSampleId :

VX0801SBSD01

Tot Ion: 76 Resp: 48925

Ion Ratio Lower Upper

76 100

78 9.1

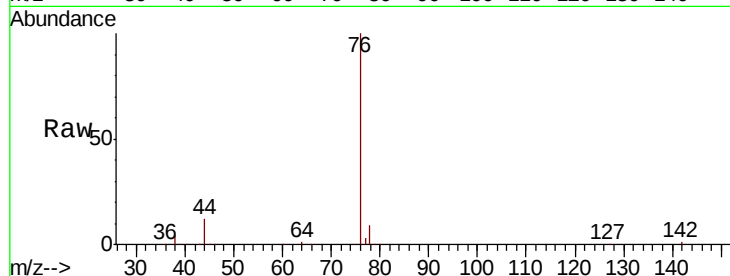
7.3 10.9

Manual Integrations

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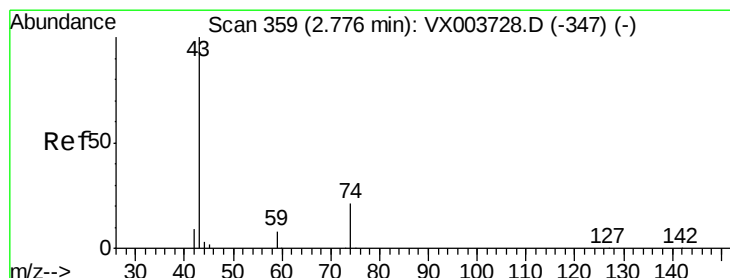
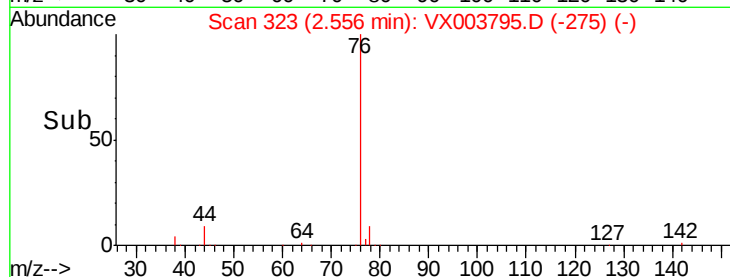
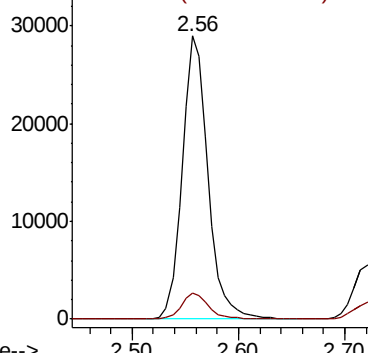
apatel

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 16.457 ug/l

RT: 2.78 min Scan# 359

Delta R.T. 0.00 min

Lab File: VX003795.D

Acq: 01 Aug 2018 15:52

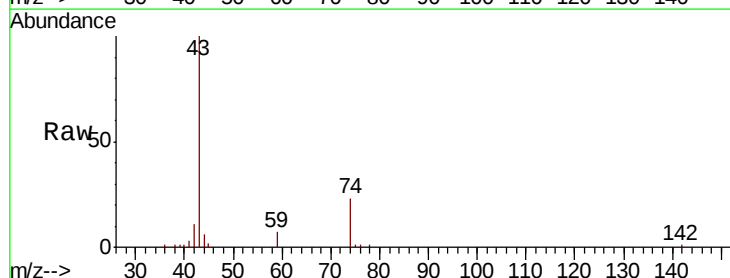
Tgt Ion: 43 Resp: 18609

Ion Ratio Lower Upper

43 100

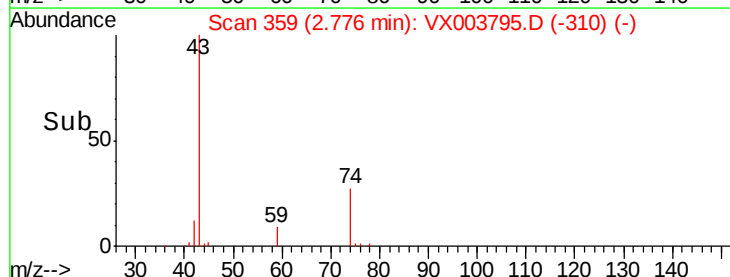
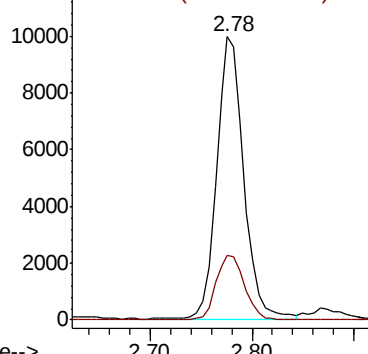
74 23.7

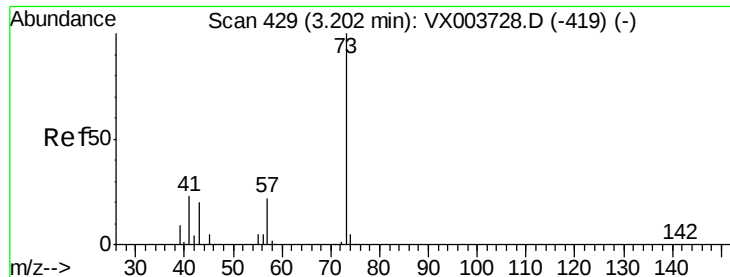
18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

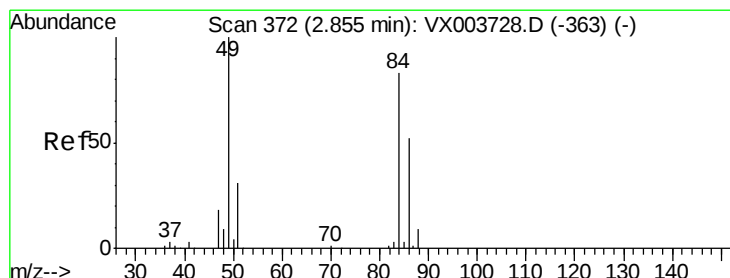
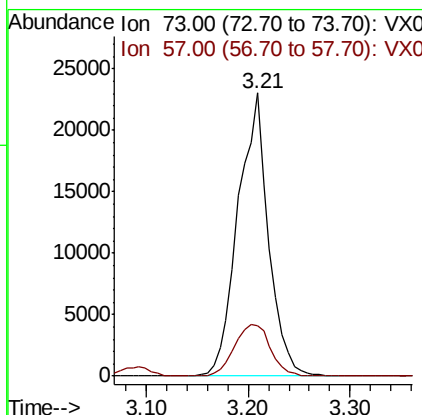
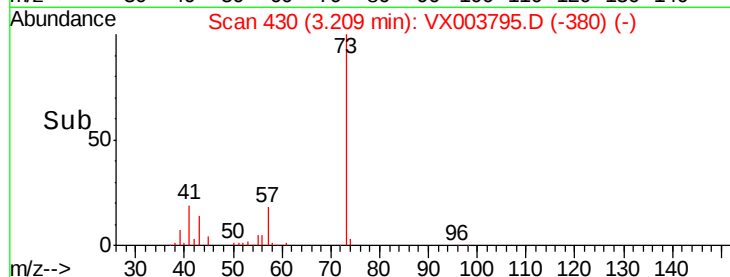
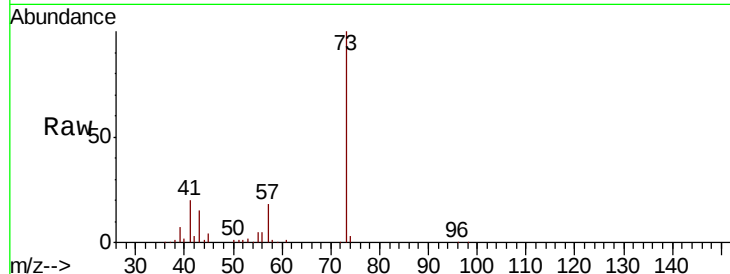
Methyl tert-butyl Ether
 Concen: 18.808 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. 0.01 min
 Lab File: VX003795.D
 Acq: 01 Aug 2018 15:52

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0801SBSD01

Tot Ion: 73 Resp: 47664
 Ion Ratio Lower Upper
 73 100
 57 17.9 18.0 27.0#

Manual Integrations
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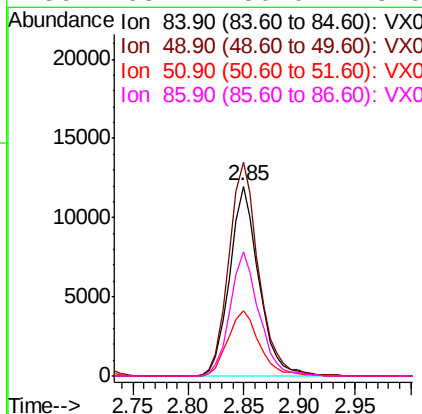
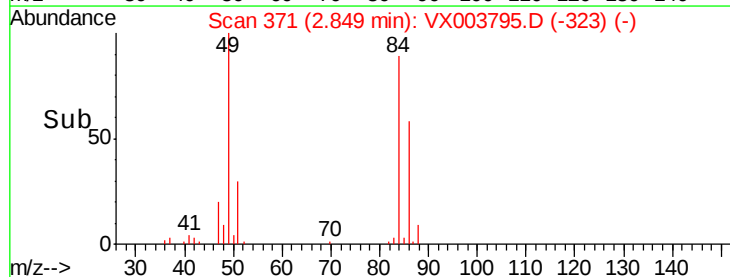
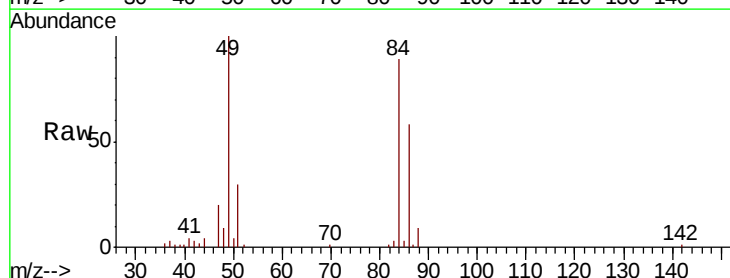
apatel
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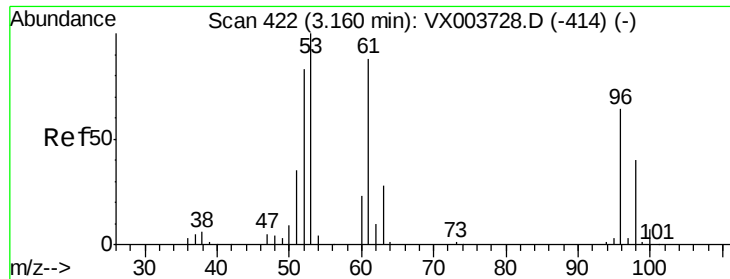


#20

Methylene Chloride
 Concen: 18.498 ug/l
 RT: 2.85 min Scan# 371
 Delta R.T. -0.00 min
 Lab File: VX003795.D
 Acq: 01 Aug 2018 15:52

Tgt Ion: 84 Resp: 21729
 Ion Ratio Lower Upper
 84 100
 49 112.7 95.8 143.8
 51 34.1 29.6 44.4
 86 65.7 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 18.627 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX003795.D

Acq: 01 Aug 2018 15:52

Instrument :

MSVOA_X

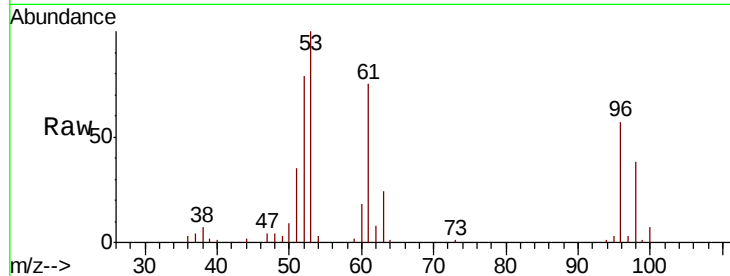
ClientSampled :

VX0801SBSD01

Tot Ion:	96	Resp:	19002
Ion	Ratio	Lower	Upper
96	100		
61	132.9	110.9	166.3
98	66.2	50.2	75.4

Manual Integrations
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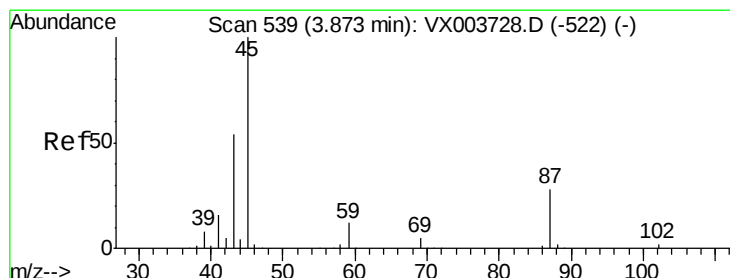
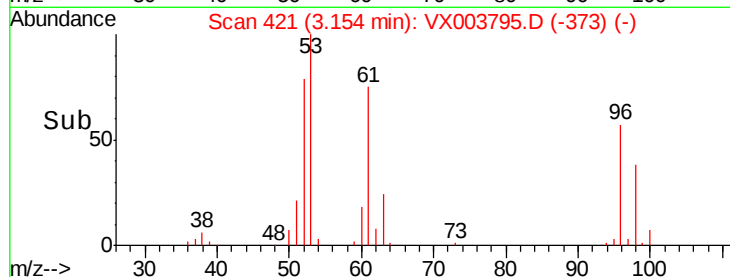
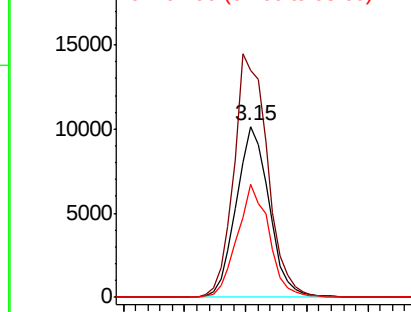


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 17.900 ug/l

RT: 3.87 min Scan# 538

Delta R.T. -0.01 min

Lab File: VX003795.D

Acq: 01 Aug 2018 15:52

Tgt Ion:	45	Resp:	53331
Ion	Ratio	Lower	Upper
45	100		
43	57.4	43.5	65.3
87	28.8	22.6	33.8
59	11.9	9.3	13.9

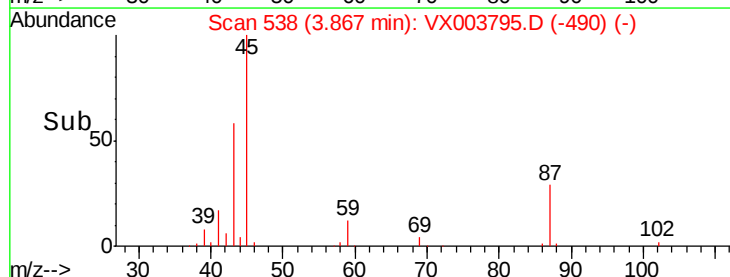
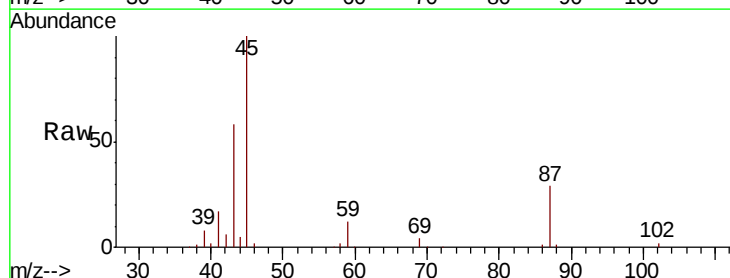
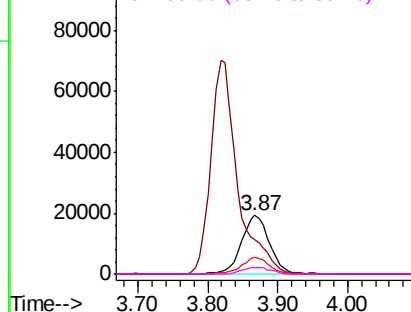
Abundance

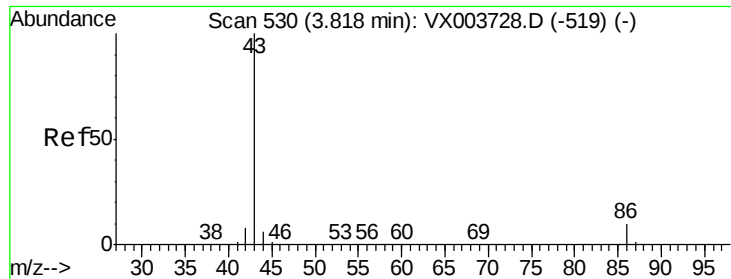
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 87.188 ug/l

RT: 3.82 min Scan# 530

Delta R.T. 0.00 min

Lab File: VX003795.D

Acq: 01 Aug 2018 15:52

Instrument :

MSVOA_X

ClientSampleId :

VX0801SBSD01

Tot Ion: 43 Resp: 187349

Ion Ratio Lower Upper

43 100

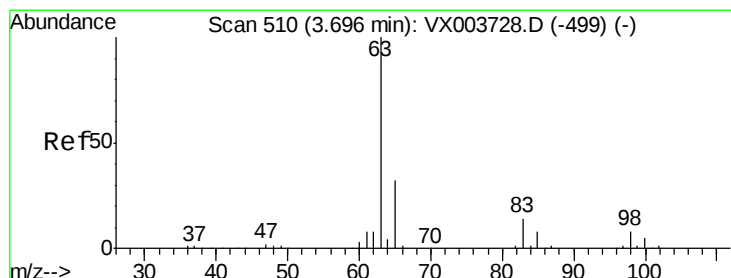
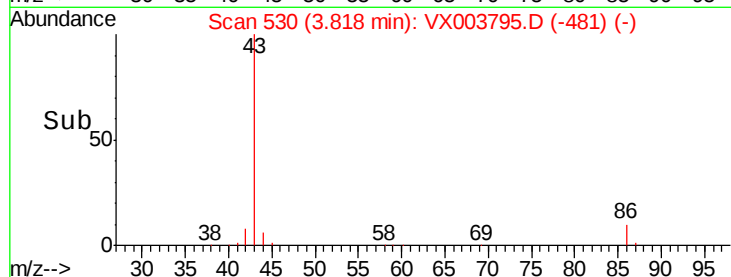
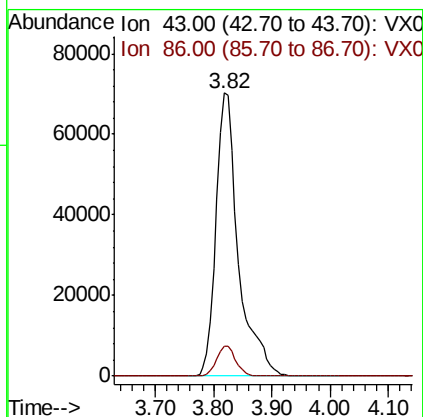
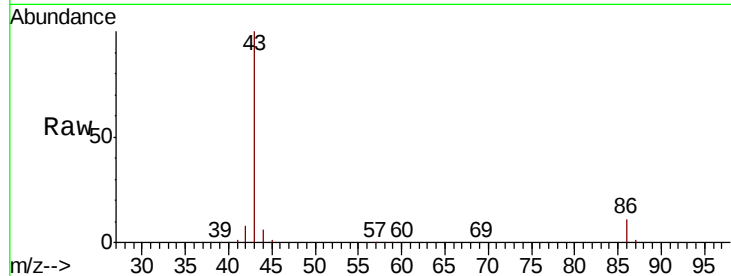
86 10.6 8.2 12.2

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 18.465 ug/l

RT: 3.69 min Scan# 509

Delta R.T. -0.01 min

Lab File: VX003795.D

Acq: 01 Aug 2018 15:52

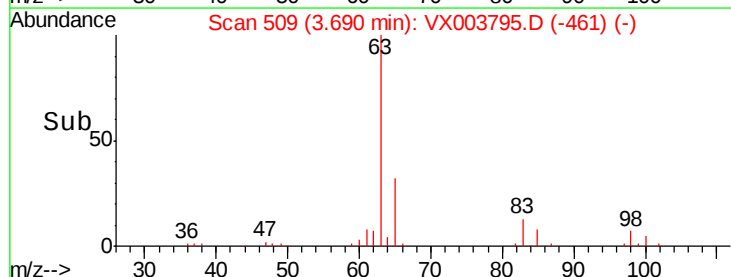
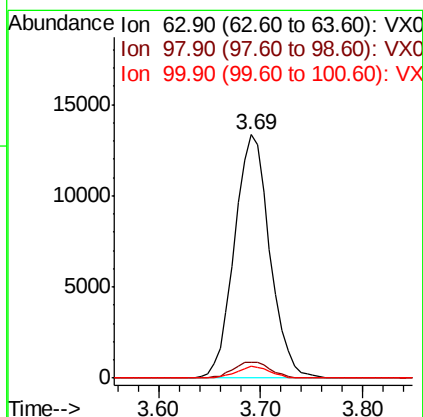
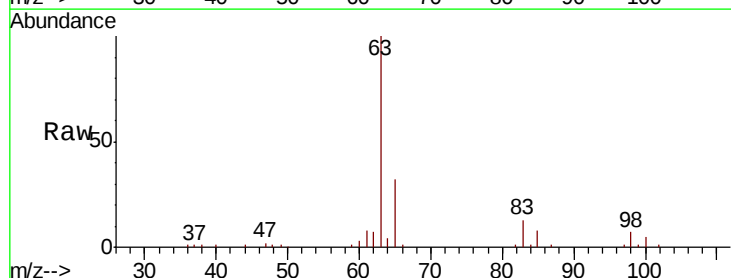
Tgt Ion: 63 Resp: 32083

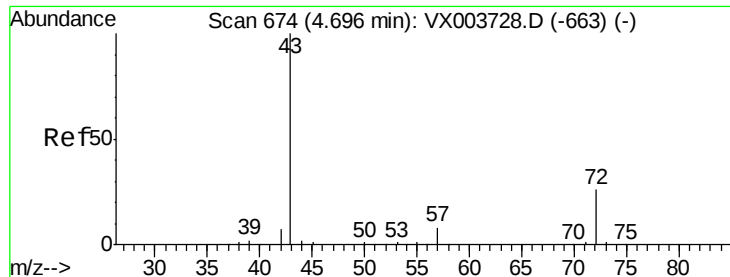
Ion Ratio Lower Upper

63 100

98 6.6 4.0 12.0

100 4.9 2.4 7.2





#25

2-Butanone

Concen: 88.321 ug/l

RT: 4.70 min Scan# 674

Delta R.T. 0.00 min

Lab File: VX003795.D

Acq: 01 Aug 2018 15:52

Instrument :

MSVOA_X

ClientSampled :

VX0801SBSD01

Tot Ion: 43 Resp: 51809

Ion Ratio Lower Upper

43 100

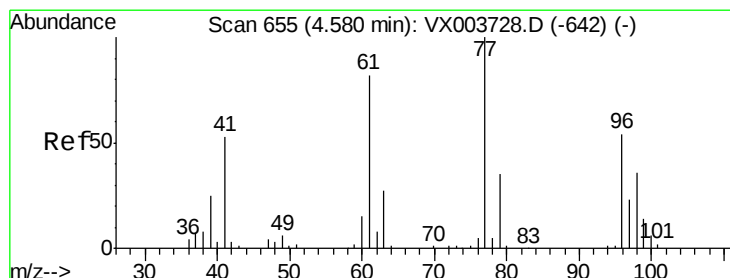
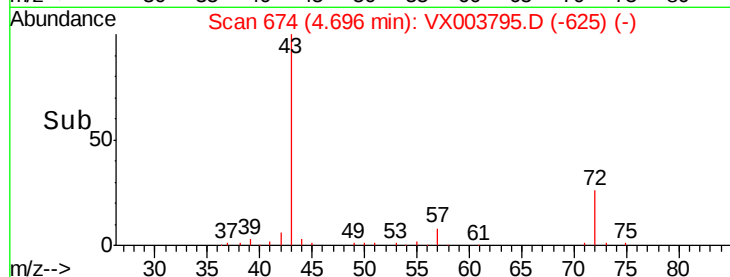
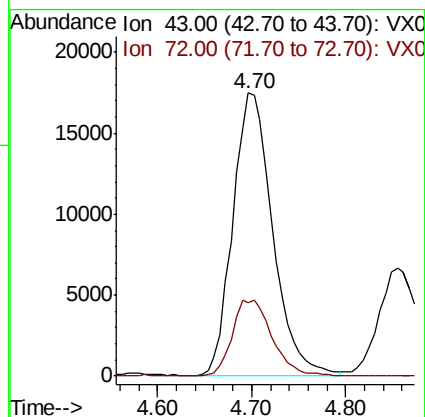
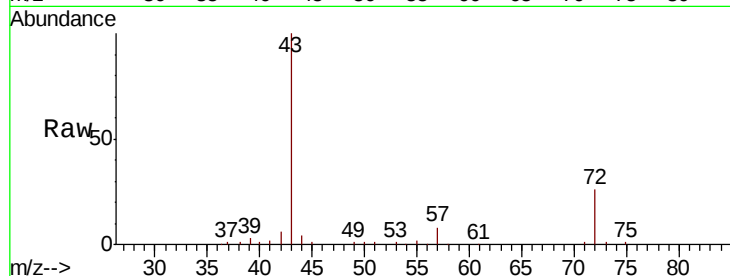
72 25.9 20.9 31.3

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#26

2,2-Dichloropropane

Concen: 19.940 ug/l

RT: 4.58 min Scan# 655

Delta R.T. 0.00 min

Lab File: VX003795.D

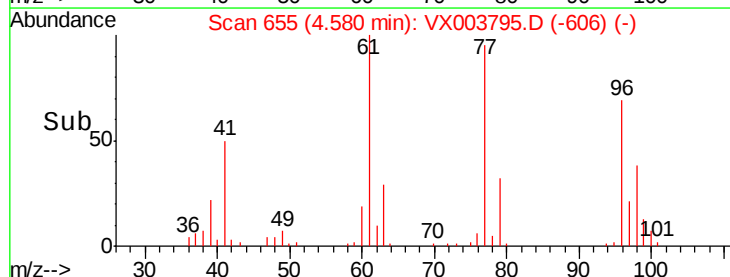
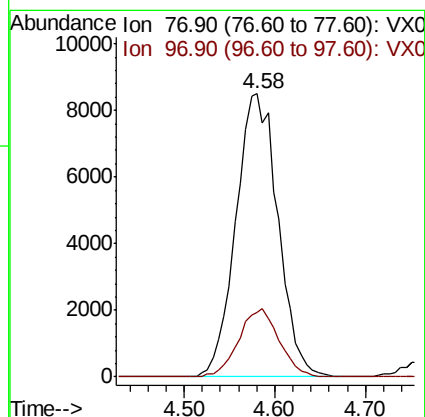
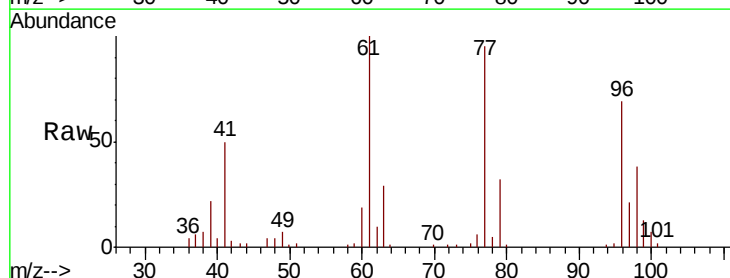
Acq: 01 Aug 2018 15:52

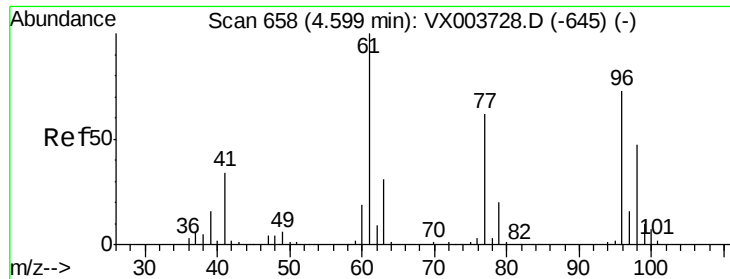
Tgt Ion: 77 Resp: 27286

Ion Ratio Lower Upper

77 100

97 23.1 12.2 36.6





#27

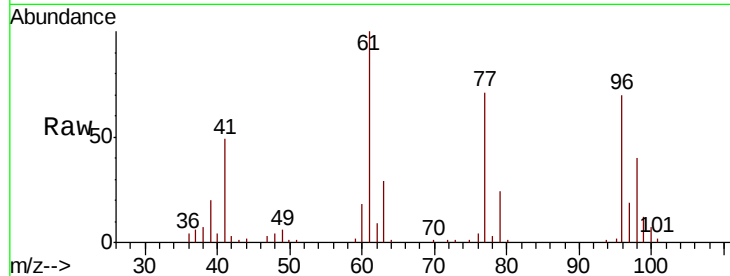
cis-1,2-Dichloroethene
Concen: 19.842 ug/l
RT: 4.59 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX003795.D
Acq: 01 Aug 2018 15:52

Instrument :
MSVOA_X
ClientSampleId :
VX0801SBSD01

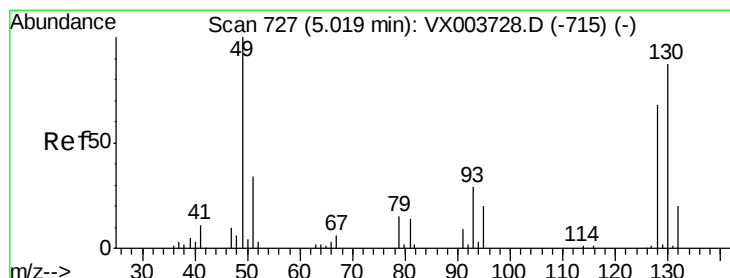
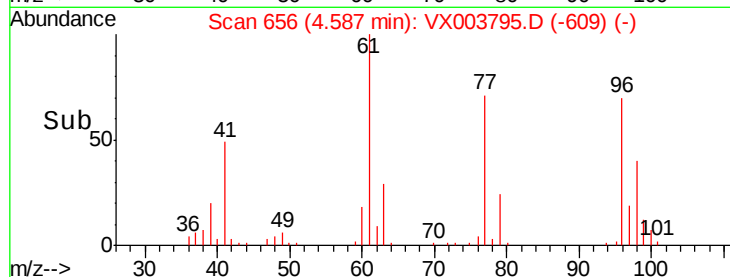
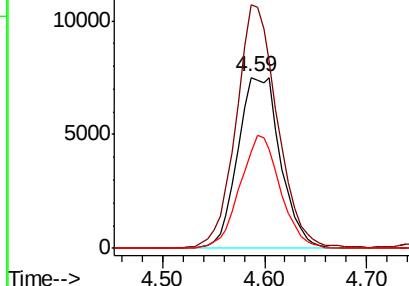
Tot Ion	Ratio	Resp	Lower	Upper
96	100	21814		
61	138.1	0.0	285.6	
98	62.3	0.0	131.0	

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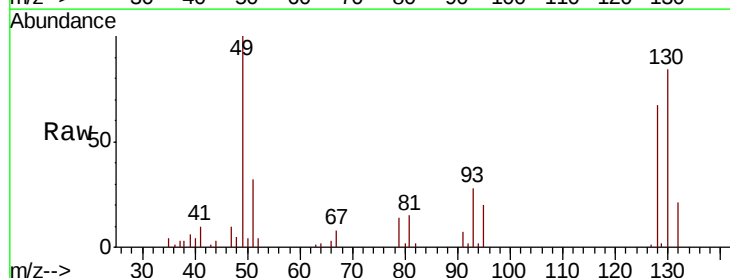
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



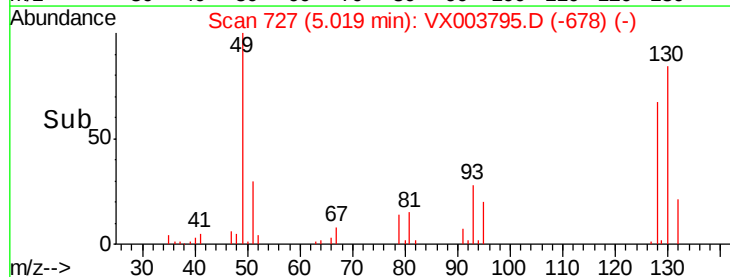
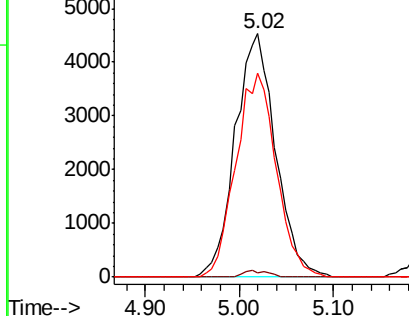
#28

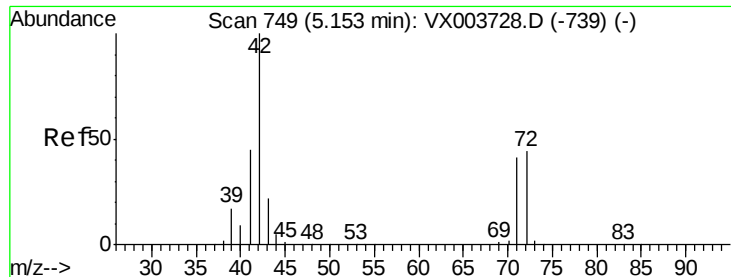
Bromochloromethane
Concen: 17.418 ug/l
RT: 5.02 min Scan# 727
Delta R.T. 0.00 min
Lab File: VX003795.D
Acq: 01 Aug 2018 15:52

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	13575		
129	1.6	0.0	4.0	
130	83.8	68.9	103.3	



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





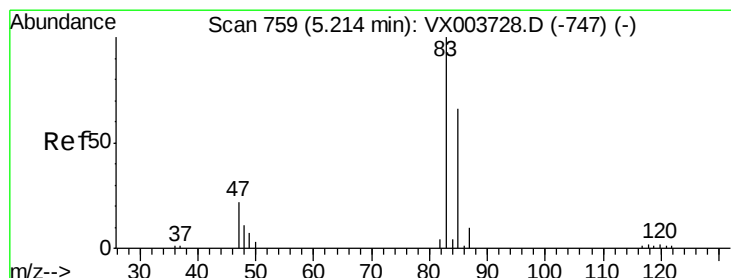
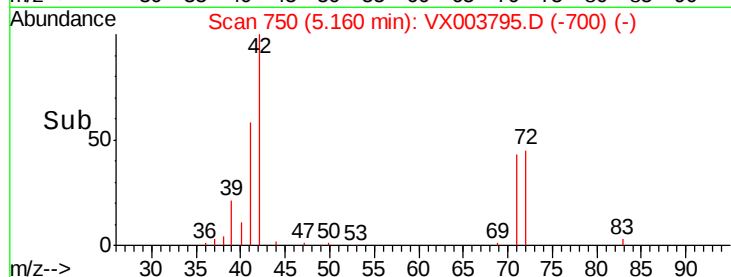
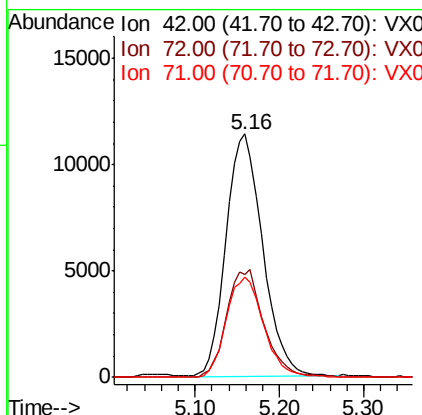
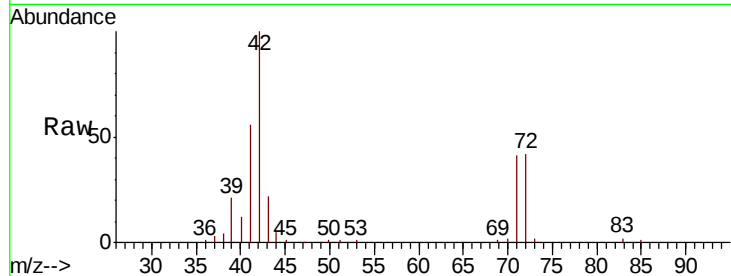
#29
Tetrahydrofuran
Concen: 90.793 ug/l
RT: 5.16 min Scan# 750
Delta R.T. 0.01 min
Lab File: VX003795.D
Acq: 01 Aug 2018 15:52

Instrument :
MSVOA_X
ClientSampleId :
VX0801SBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.0	35.6	53.4
71	41.7	33.4	50.0

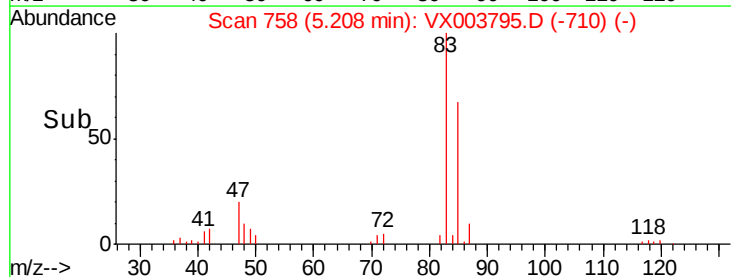
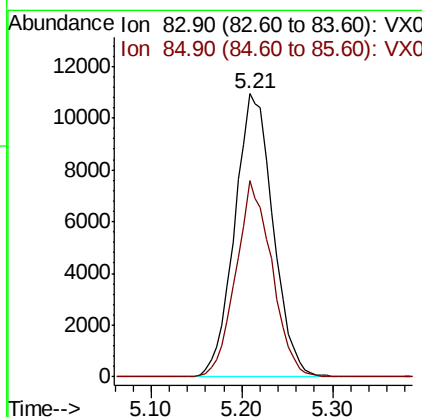
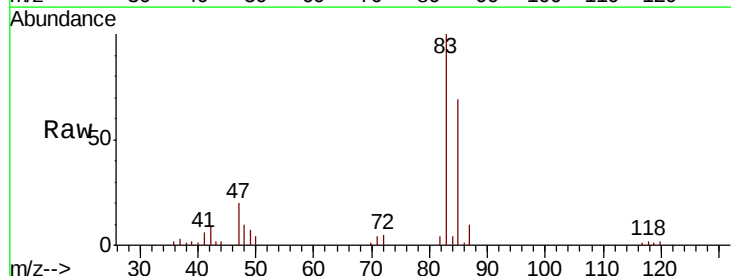
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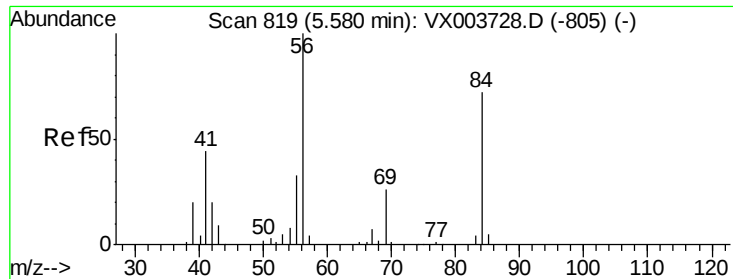
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#30
Chloroform
Concen: 18.736 ug/l
RT: 5.21 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX003795.D
Acq: 01 Aug 2018 15:52

Tgt Ion	Ratio	Lower	Upper
83	100		
85	69.4	52.8	79.2





#31

Cyclohexane

Concen: 18.690 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX003795.D

Acq: 01 Aug 2018 15:52

Instrument :

MSVOA_X

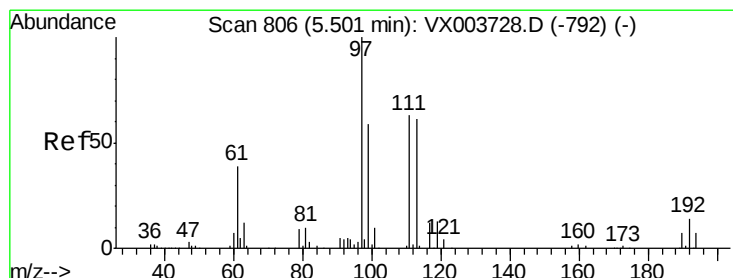
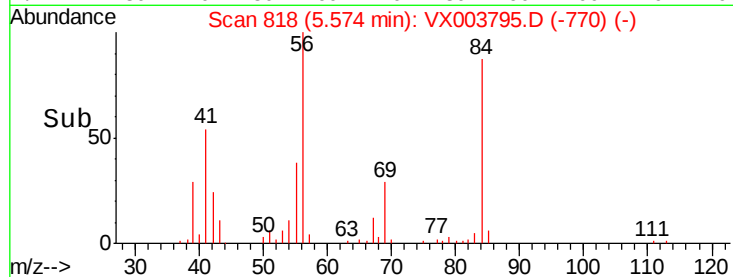
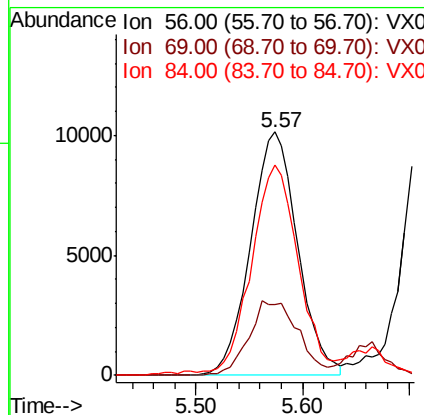
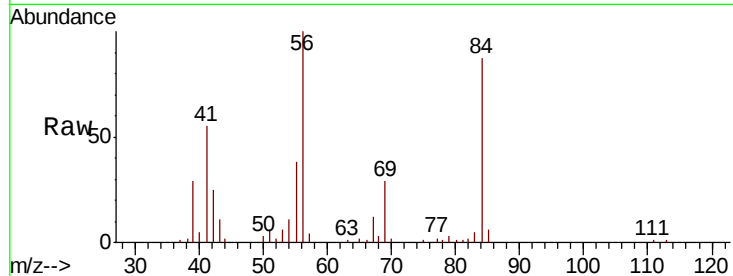
ClientSampled :

VX0801SBSD01

Tot Ion:	56	Resp:	31369
Ion Ratio	Lower	Upper	
56	100		
69	29.2	20.6	30.8
84	84.8	57.9	86.9

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#32

1,1,1-Trichloroethane

Concen: 19.226 ug/l

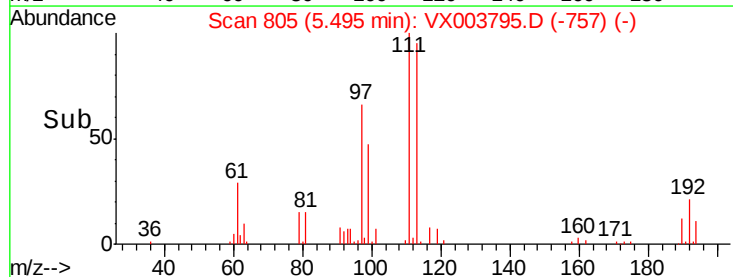
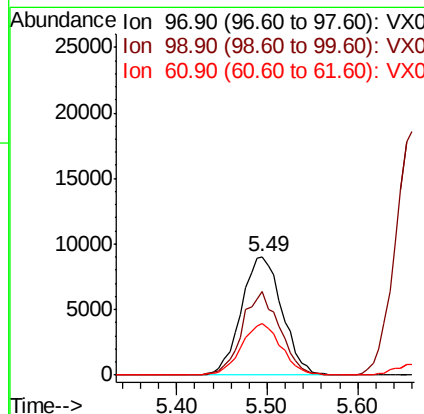
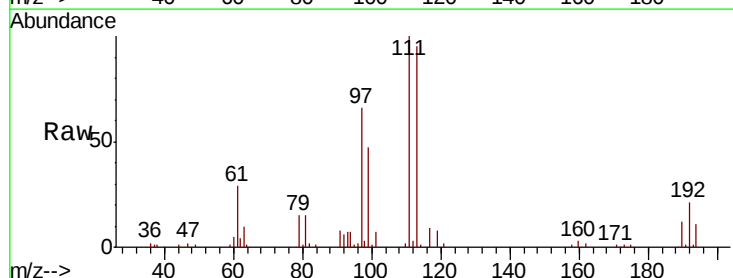
RT: 5.49 min Scan# 805

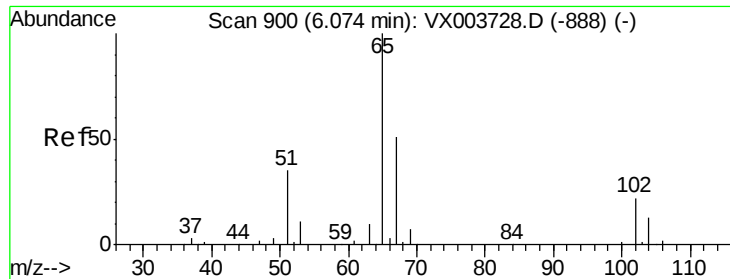
Delta R.T. -0.01 min

Lab File: VX003795.D

Acq: 01 Aug 2018 15:52

Tgt Ion:	97	Resp:	28291
Ion Ratio	Lower	Upper	
97	100		
99	64.8	51.4	77.2
61	42.5	33.4	50.2





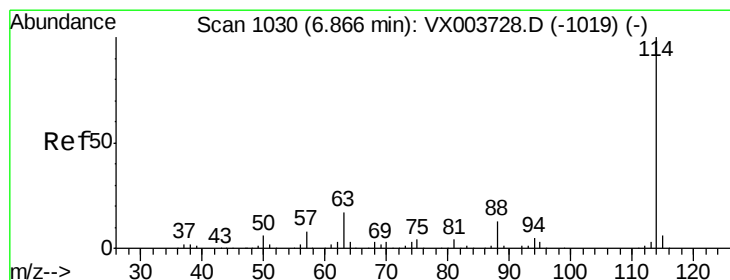
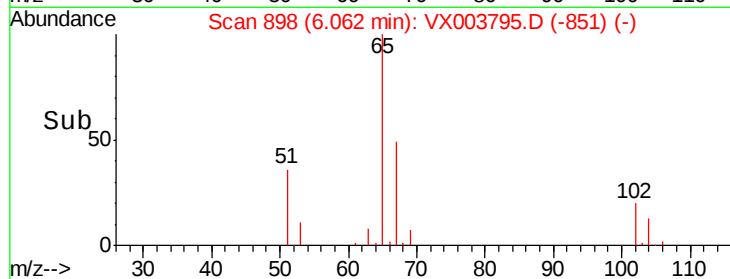
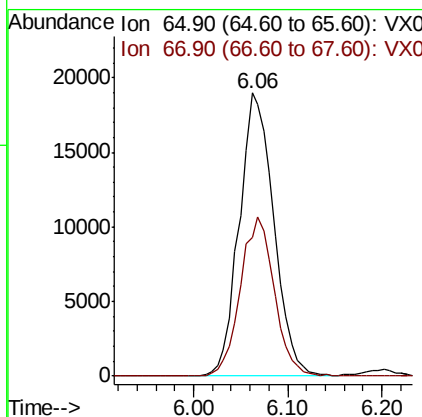
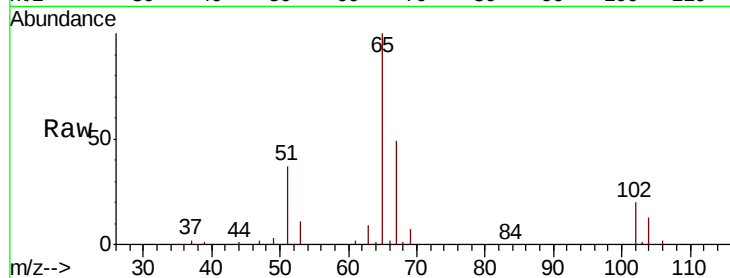
#33
 1,2-Dichloroethane-d4
 Concen: 45.984 ug/l
 RT: 6.06 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: VX003795.D
 Acq: 01 Aug 2018 15:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0801SBSD01

Tot Ion	Ratio	Lower	Upper
65	100		
67	55.1	0.0	107.0

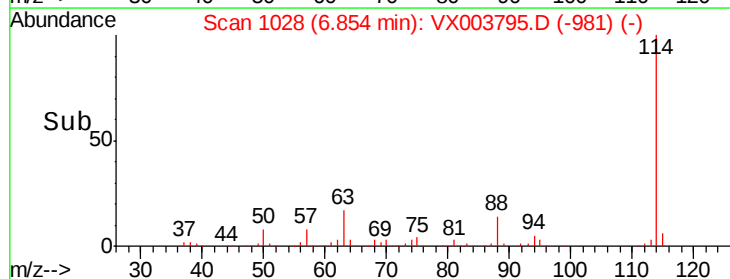
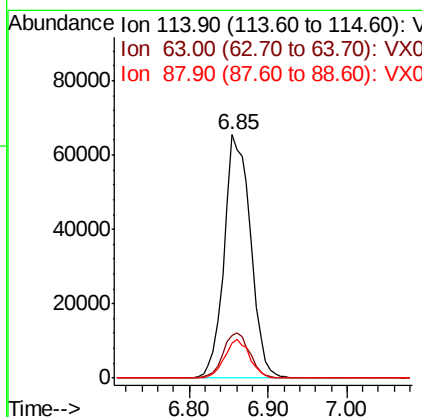
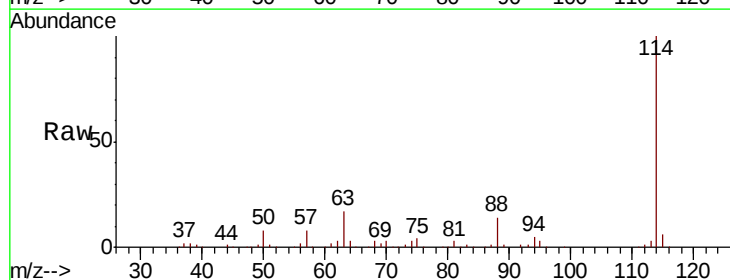
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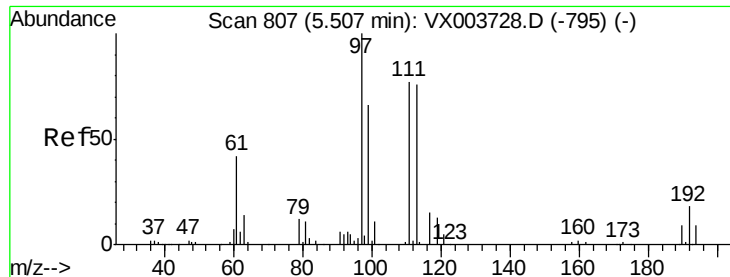
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: VX003795.D
 Acq: 01 Aug 2018 15:52

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	34.0
88	14.1	0.0	26.4





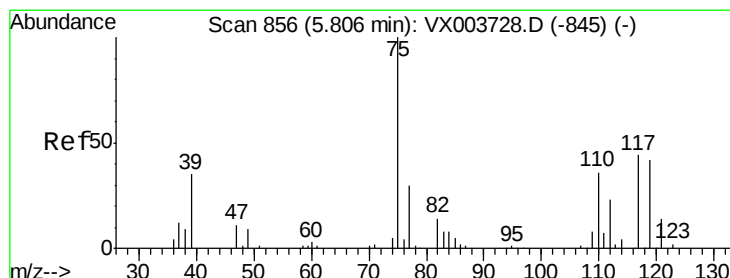
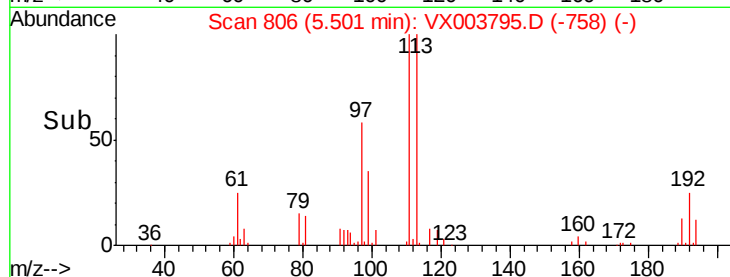
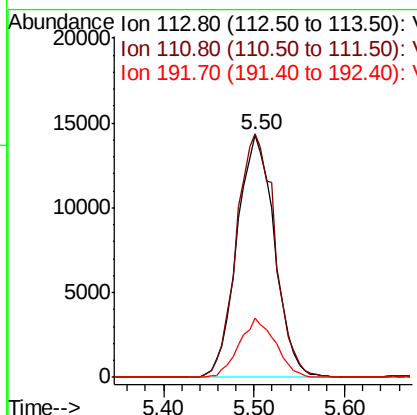
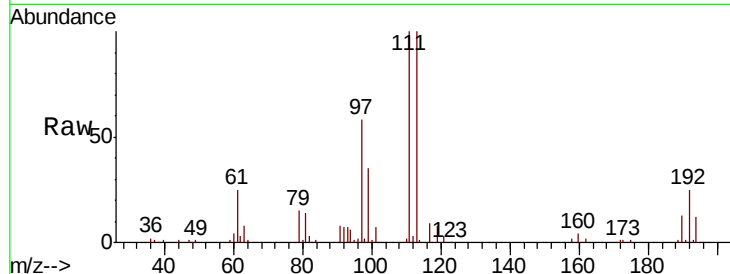
#35
 Dibromofluoromethane
 Concen: 45.633 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: VX003795.D
 Acq: 01 Aug 2018 15:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0801SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	40982		
111	103.2	81.8	122.6	
192	23.7	18.8	28.2	

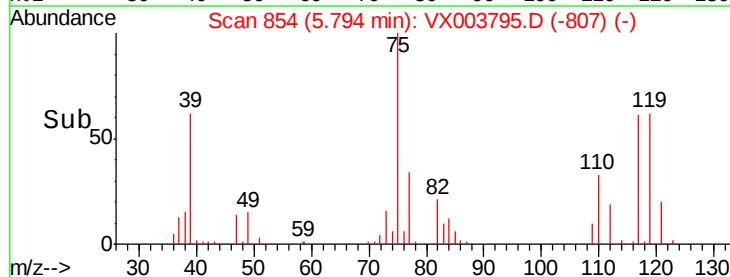
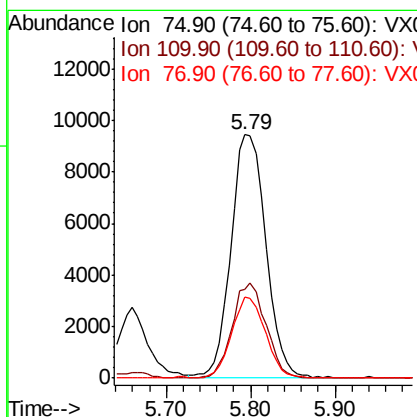
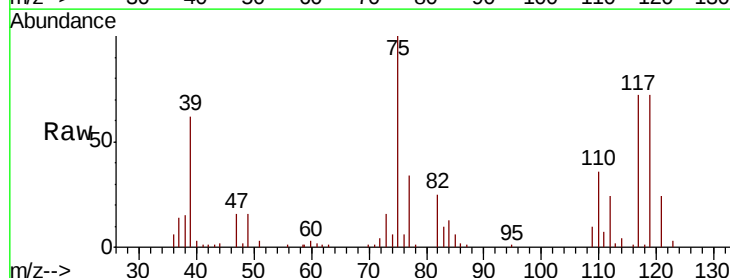
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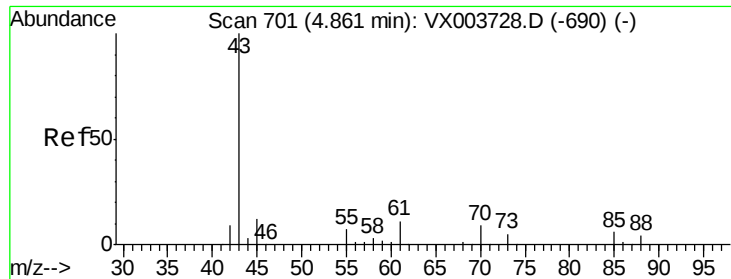
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#36
 1,1-Dichloropropene
 Concen: 18.583 ug/l
 RT: 5.79 min Scan# 854
 Delta R.T. -0.01 min
 Lab File: VX003795.D
 Acq: 01 Aug 2018 15:52

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	26543		
110	37.5	18.3	54.8	
77	32.1	25.1	37.7	





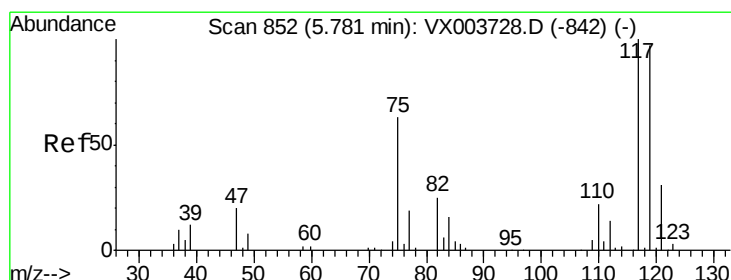
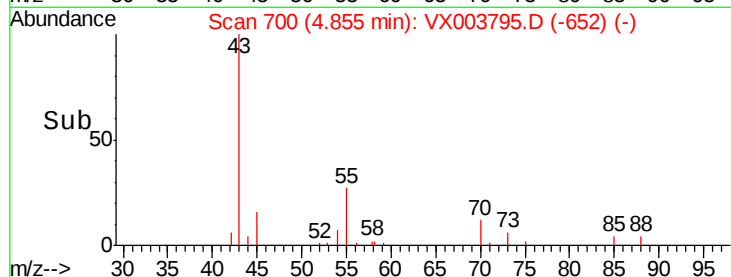
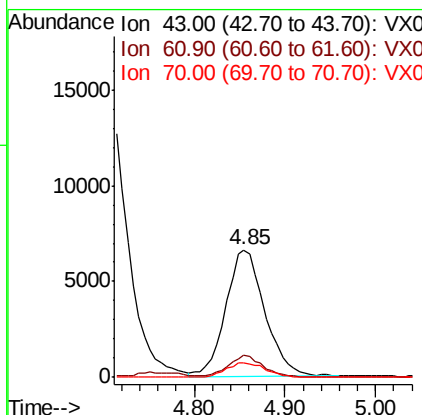
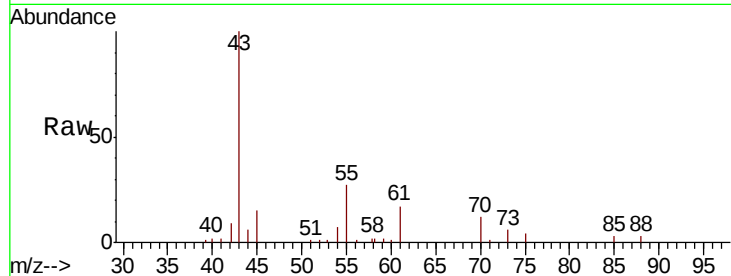
#37
Ethyl Acetate
Concen: 17.985 ug/l
RT: 4.85 min Scan# 700
Delta R.T. -0.01 min
Lab File: VX003795.D
Acq: 01 Aug 2018 15:52

Instrument :
MSVOA_X
ClientSampleId :
VX0801SBSD01

Tot Ion	43	Ratio	Lower	Upper
43	100			
61	15.4	11.4	17.0	
70	11.4	8.2	12.2	

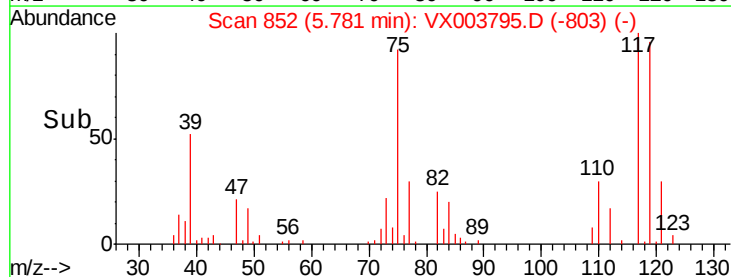
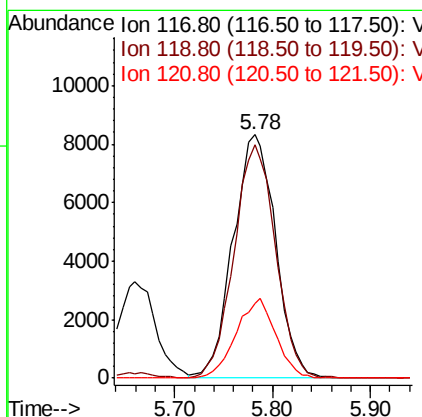
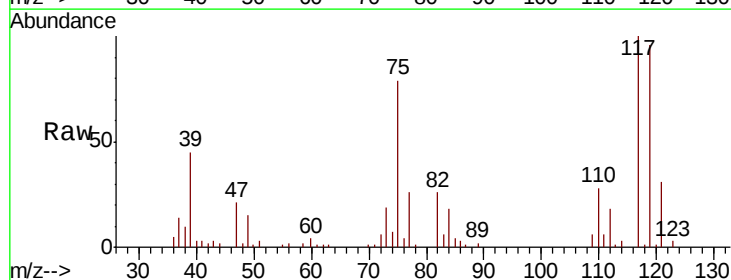
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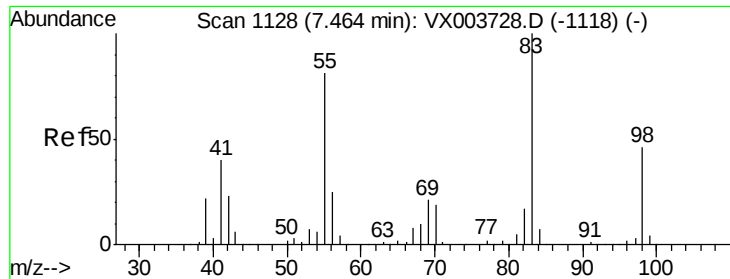
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#38
Carbon Tetrachloride
Concen: 18.991 ug/l
RT: 5.78 min Scan# 852
Delta R.T. 0.00 min
Lab File: VX003795.D
Acq: 01 Aug 2018 15:52

Tgt Ion	117	Ratio	Lower	Upper
117	100			
119	96.0	77.2	115.8	
121	30.6	25.0	37.4	





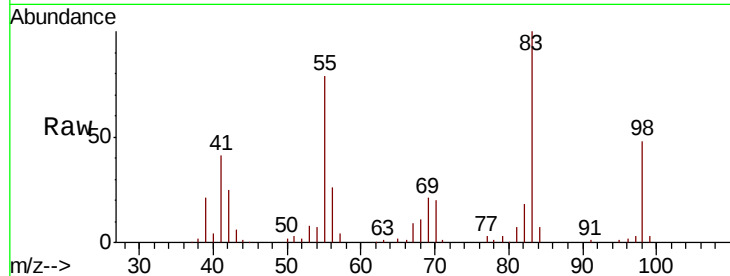
#39
Methvlcvclohexane
Concen: 18.885 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003795.D
Acq: 01 Aug 2018 15:52

Instrument :
MSVOA_X
ClientSampleId :
VX0801SBSD01

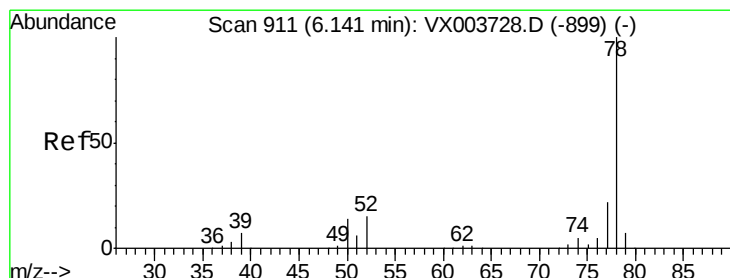
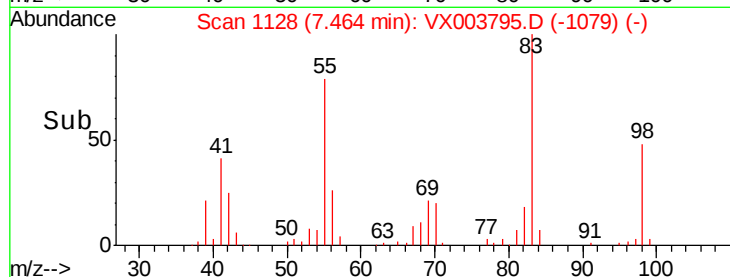
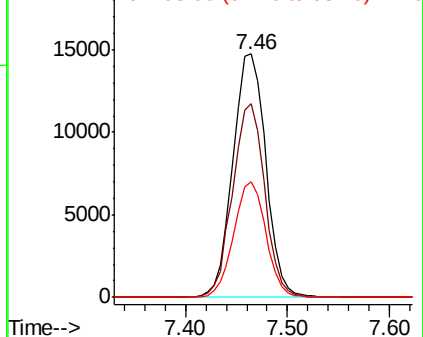
Tot Ion	Ratio	Lower	Upper
83	100		
55	79.4	65.0	97.6
98	47.7	37.1	55.7

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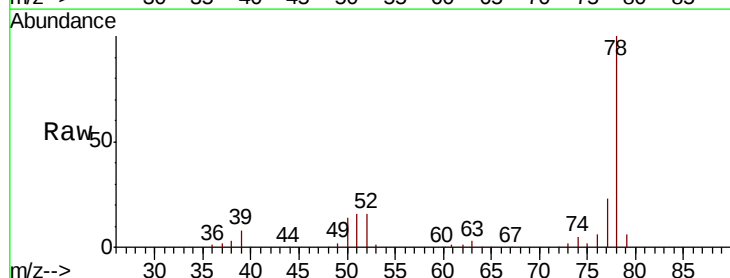


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

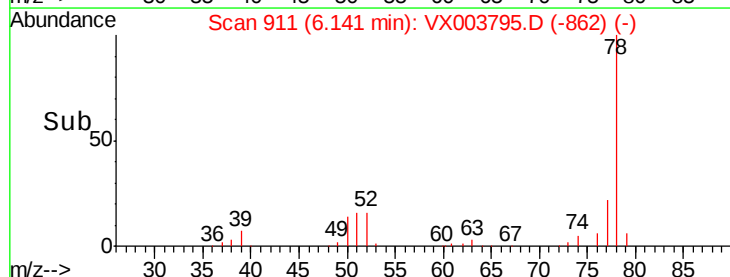
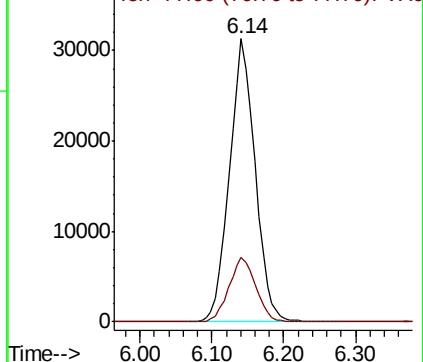


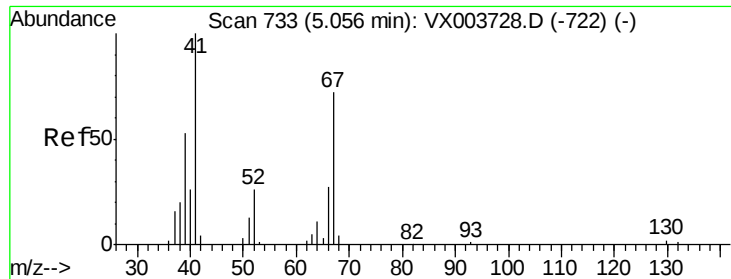
#40
Benzene
Concen: 18.915 ug/l
RT: 6.14 min Scan# 911
Delta R.T. 0.00 min
Lab File: VX003795.D
Acq: 01 Aug 2018 15:52

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	17.9	26.9



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





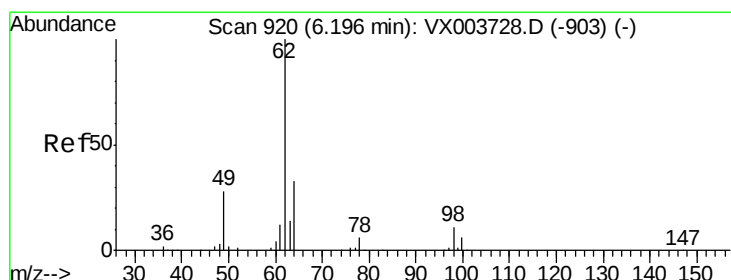
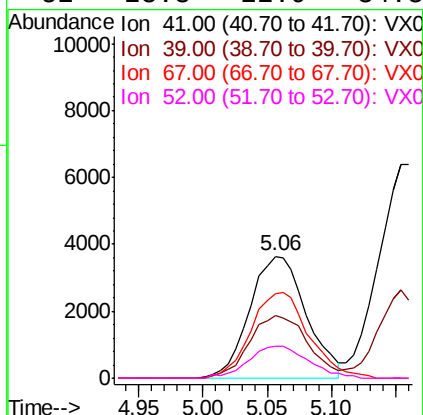
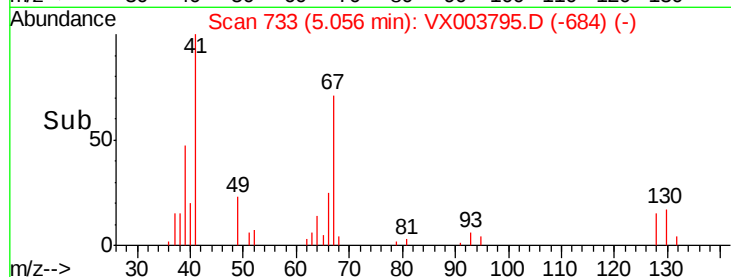
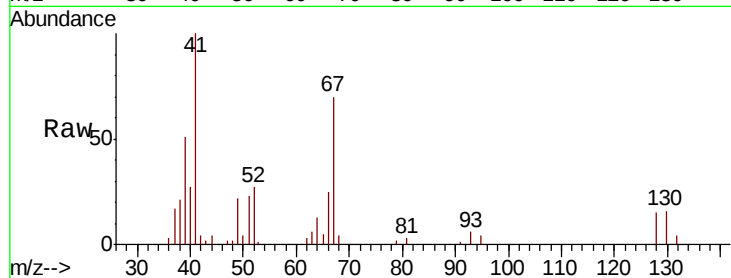
#41
Methacrylonitrile
Concen: 17.882 ug/l
RT: 5.06 min Scan# 733
Delta R.T. 0.00 min
Lab File: VX003795.D
Acq: 01 Aug 2018 15:52

Instrument :
MSVOA_X
ClientSampleId :
VX0801SBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	53.5	42.6	64.0		
67	72.2	58.9	88.3		
52	28.3	22.9	34.3		

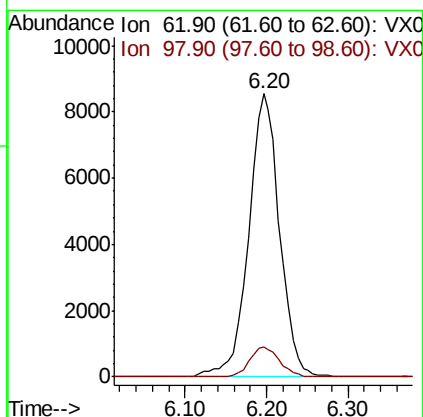
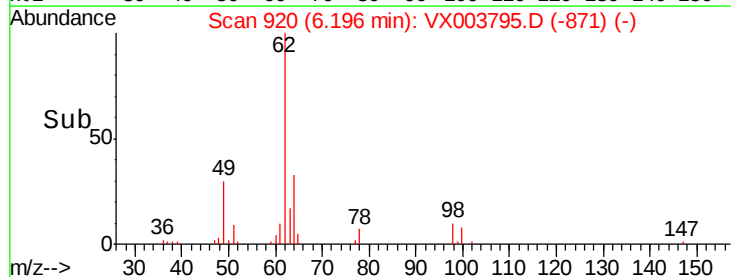
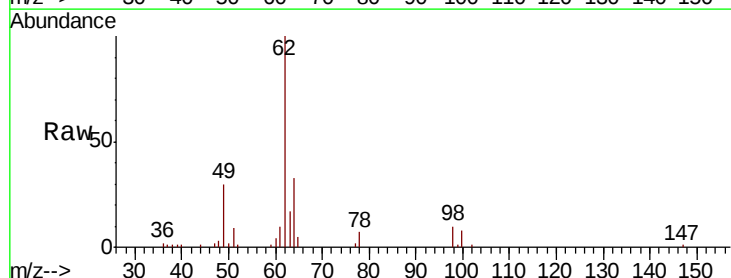
Manual Integrations
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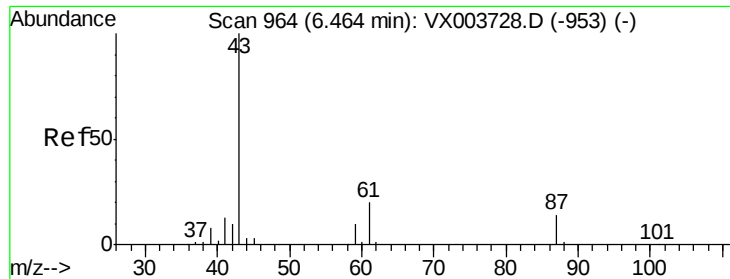
apatel
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#42
1,2-Dichloroethane
Concen: 18.204 ug/l
RT: 6.20 min Scan# 920
Delta R.T. 0.00 min
Lab File: VX003795.D
Acq: 01 Aug 2018 15:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	10.0	0.0	20.4		





#43

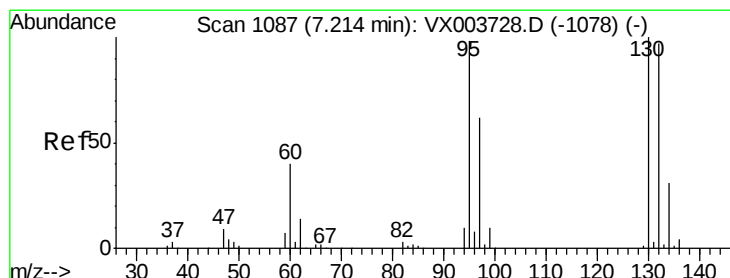
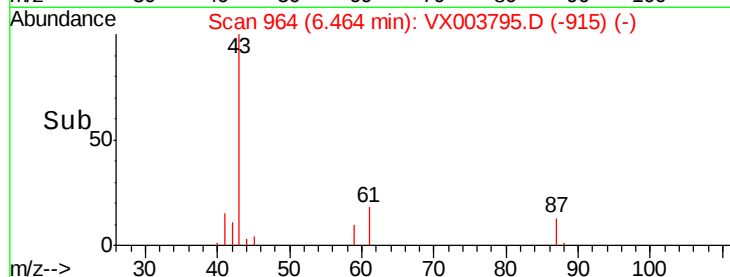
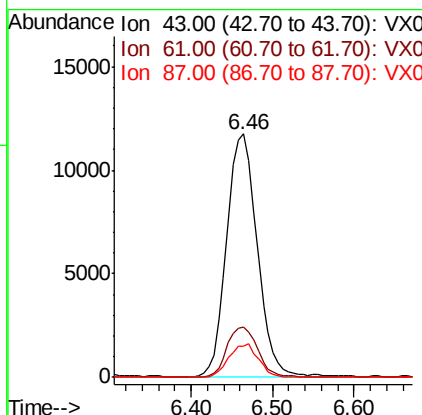
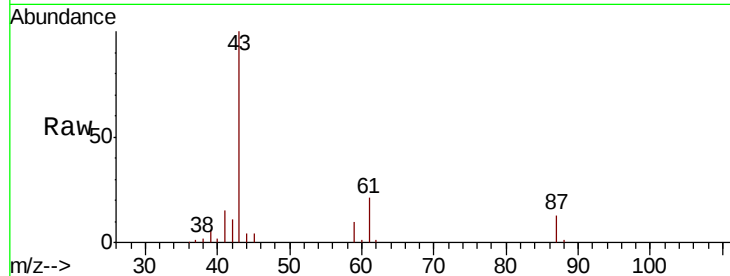
Isopropyl Acetate
 Concen: 17.570 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. 0.00 min
 Lab File: VX003795.D
 Acq: 01 Aug 2018 15:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0801SBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.6	16.5	24.7
87	13.0	10.7	16.1

Manual Integrations
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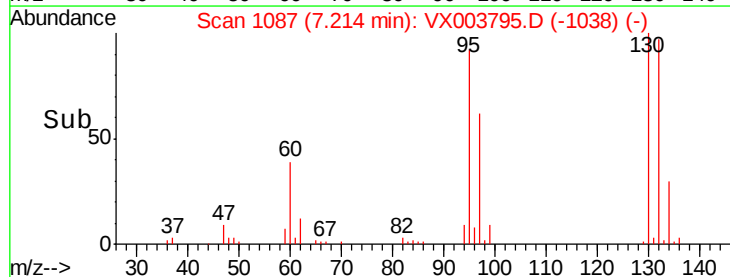
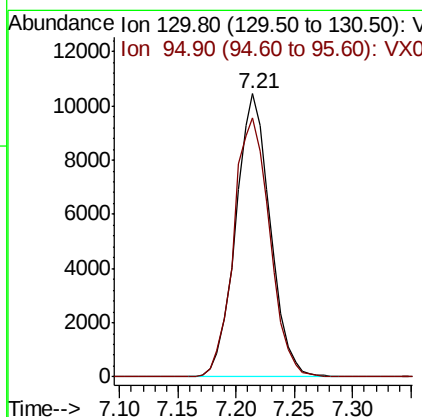
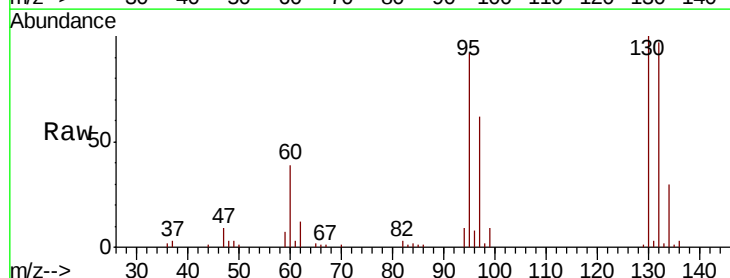
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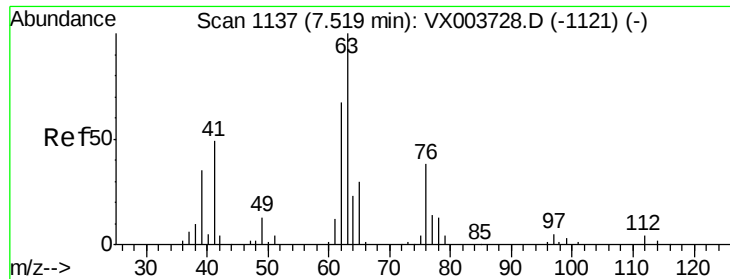


#44

Trichloroethene
 Concen: 18.465 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX003795.D
 Acq: 01 Aug 2018 15:52

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.7	0.0	196.2





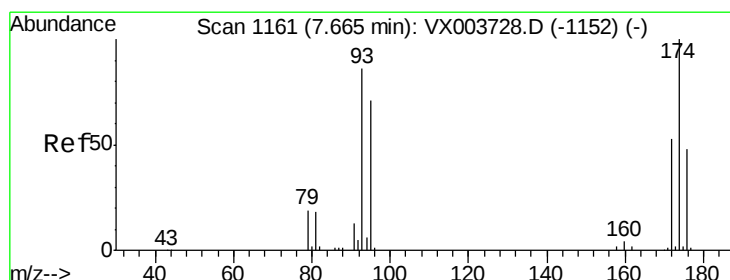
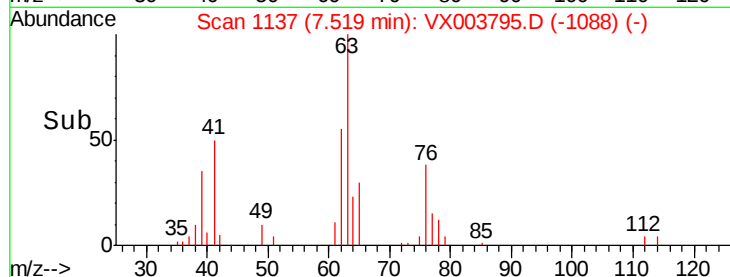
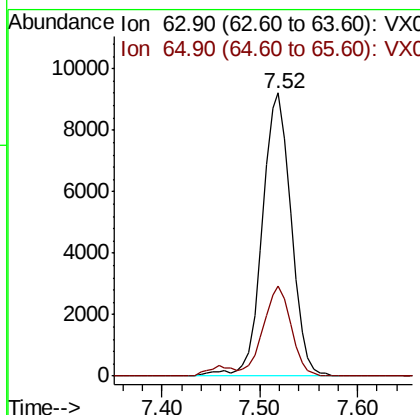
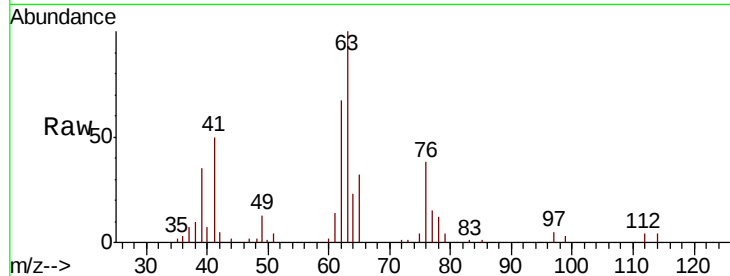
#45
 1,2-Dichloropropane
 Concen: 18.737 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003795.D
 Acq: 01 Aug 2018 15:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0801SBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.7	23.7	35.5

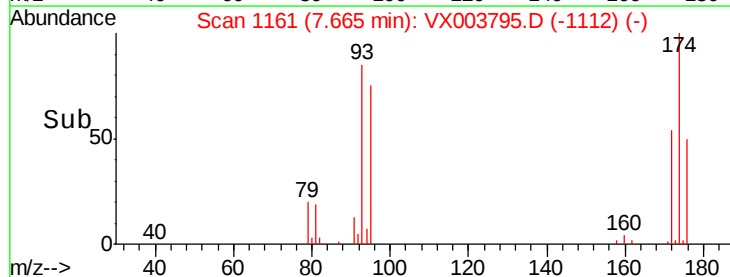
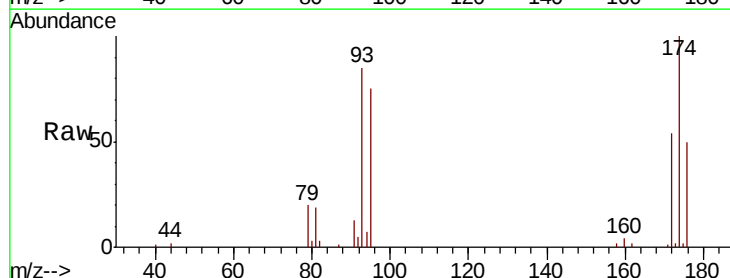
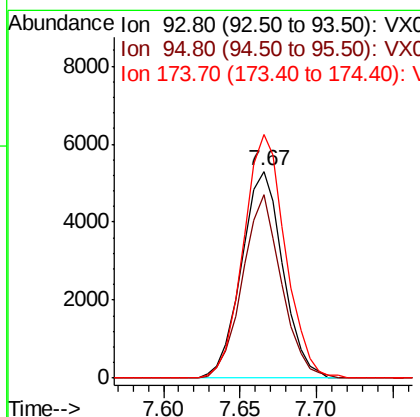
Manual Integrations
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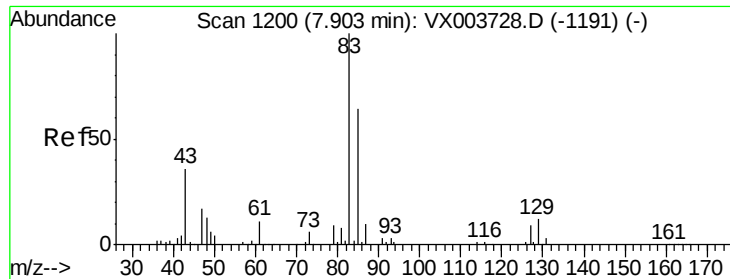
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#46
 Dibromomethane
 Concen: 17.188 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003795.D
 Acq: 01 Aug 2018 15:52

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.2	68.1	102.1
174	119.2	96.2	144.4





#47

Bromodichloromethane

Concen: 18.309 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003795.D

Acq: 01 Aug 2018 15:52

Instrument :

MSVOA_X

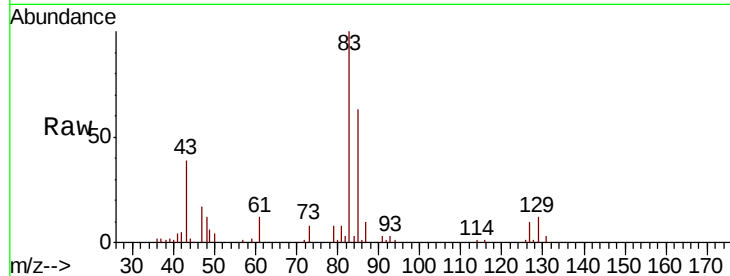
ClientSampleId :

VX0801SBSD01

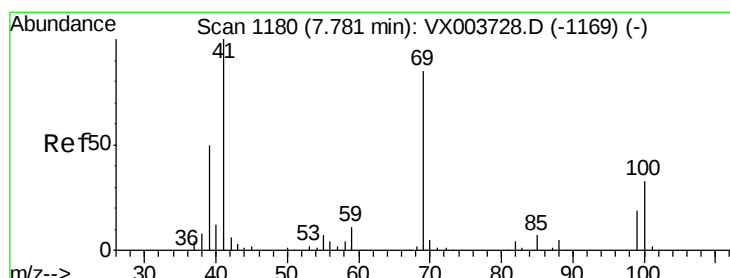
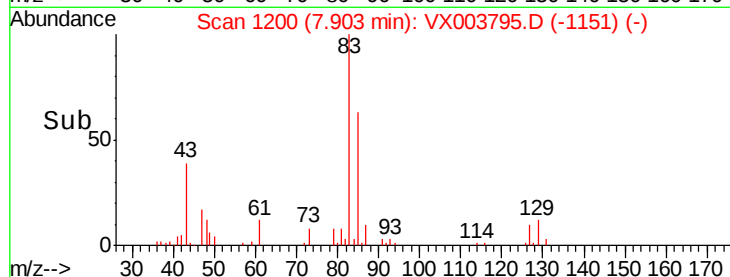
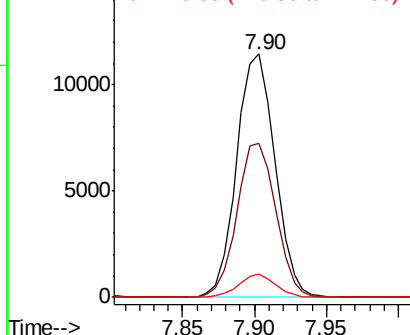
Tot Ion:	83	Resp:	21165
Ion Ratio	Lower	Upper	
83	100		
85	63.4	51.1	76.7
127	9.6	7.1	10.7

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 17.341 ug/l

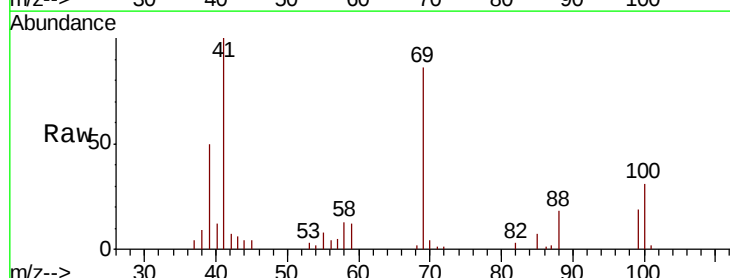
RT: 7.78 min Scan# 1179

Delta R.T. -0.01 min

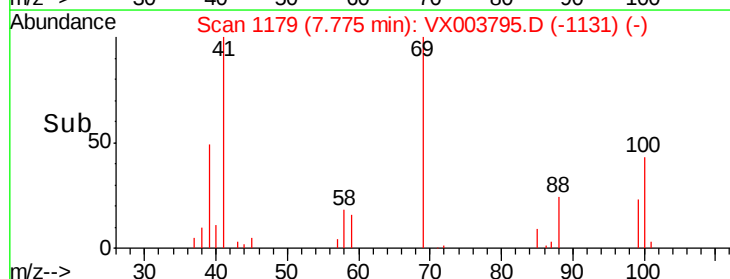
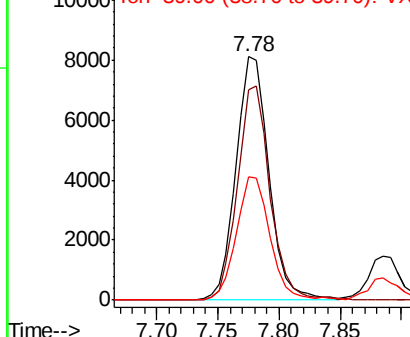
Lab File: VX003795.D

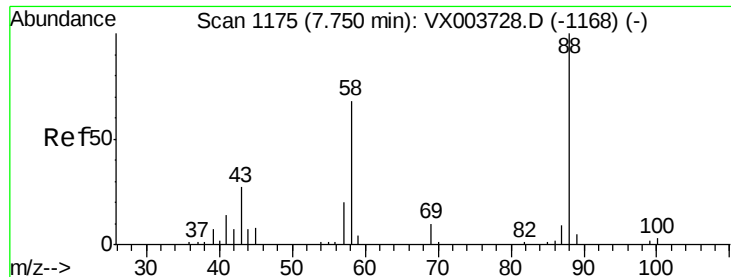
Acq: 01 Aug 2018 15:52

Tgt Ion:	41	Resp:	15206
Ion Ratio	Lower	Upper	
41	100		
69	86.5	68.7	103.1
39	51.7	40.8	61.2



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





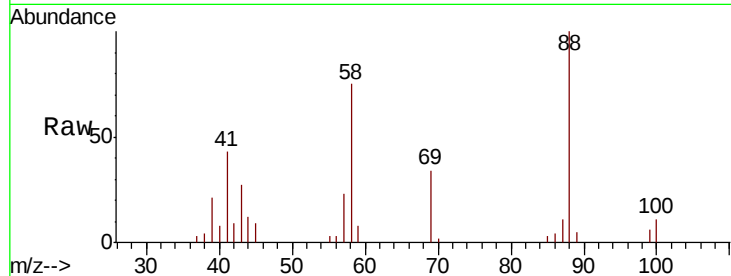
#49
1,4-Dioxane
Concen: 396.810 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. 0.01 min
Lab File: VX003795.D
Acq: 01 Aug 2018 15:52

Instrument :
MSVOA_X
ClientSampleId :
VX0801SBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.8	26.0	39.0
58	73.9	57.1	85.7

Manual Integrations
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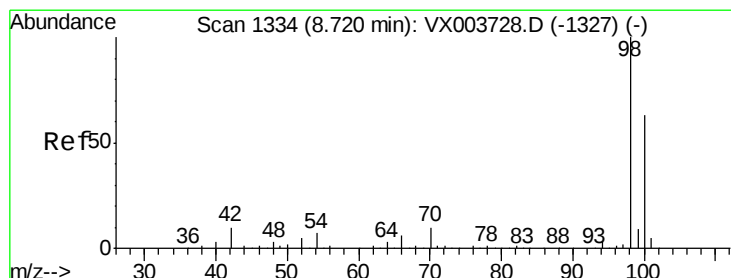
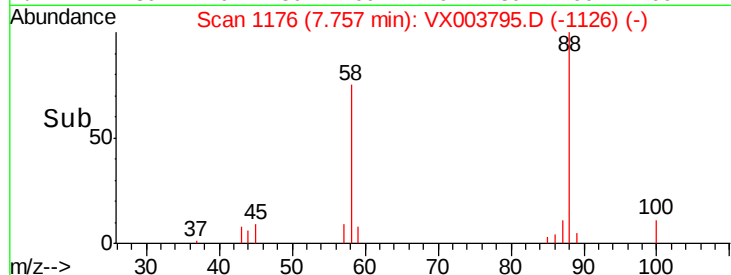
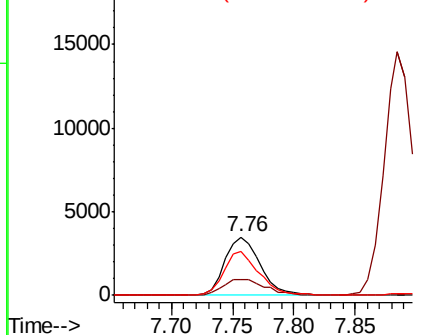


Abundance

Ion 88.00 (87.70 to 88.70): VX0

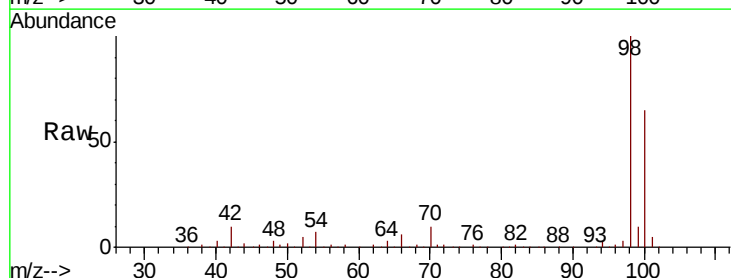
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 45.923 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003795.D
Acq: 01 Aug 2018 15:52

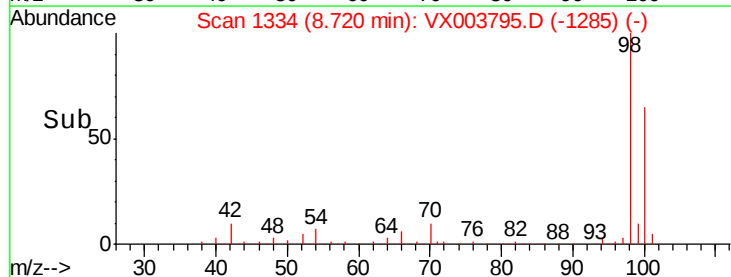
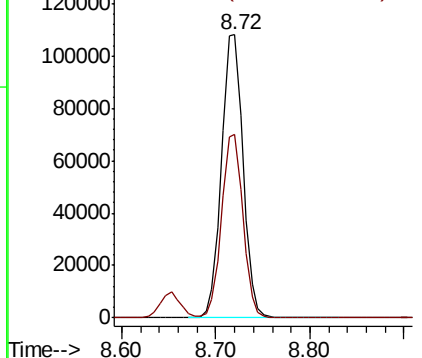
Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.4	77.0

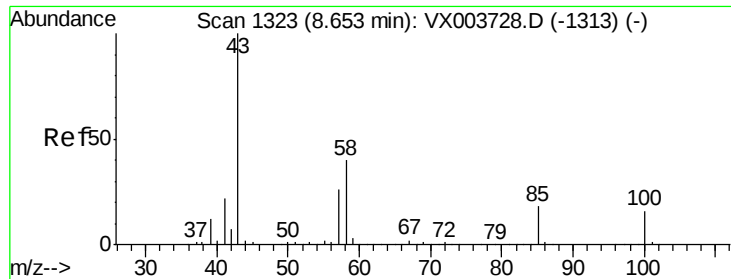


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 89.743 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003795.D

Acq: 01 Aug 2018 15:52

Instrument :

MSVOA_X

ClientSampleId :

VX0801SBSD01

Tot Ion: 43 Resp: 96417

Ion Ratio Lower Upper

43 100

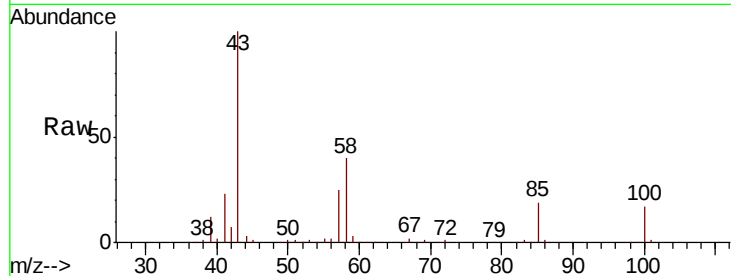
58 39.6 32.1 48.1

Manual Integrations

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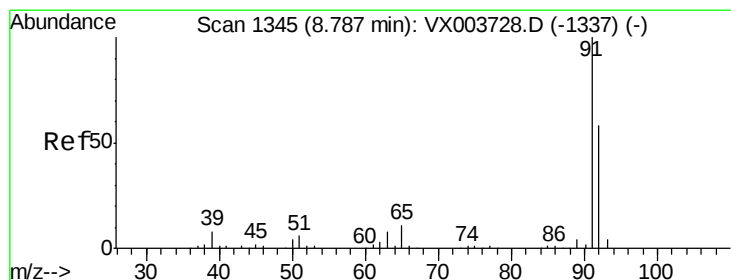
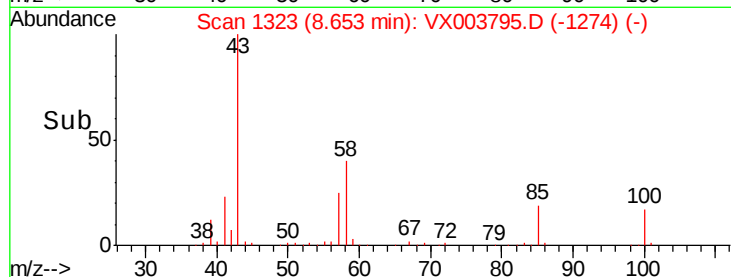
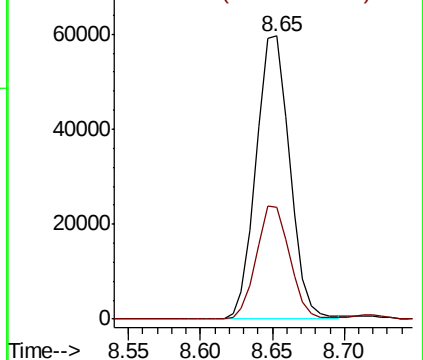
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 18.937 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003795.D

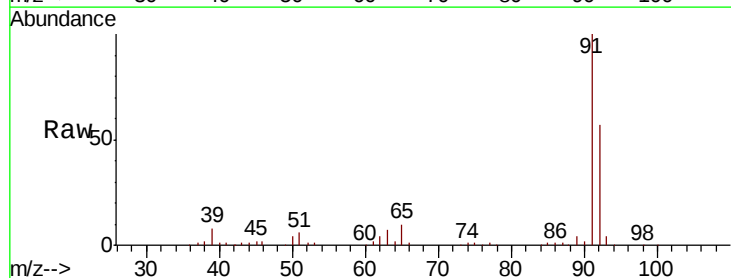
Acq: 01 Aug 2018 15:52

Tgt Ion: 92 Resp: 48351

Ion Ratio Lower Upper

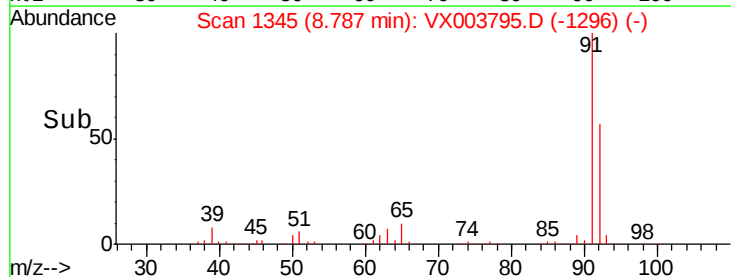
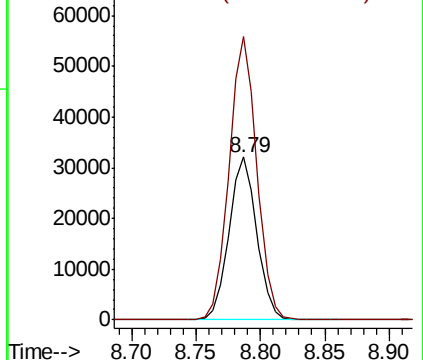
92 100

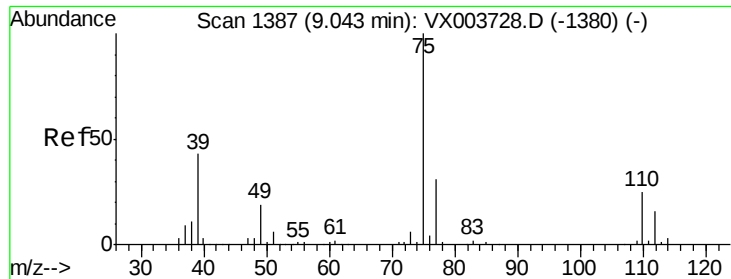
91 173.4 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





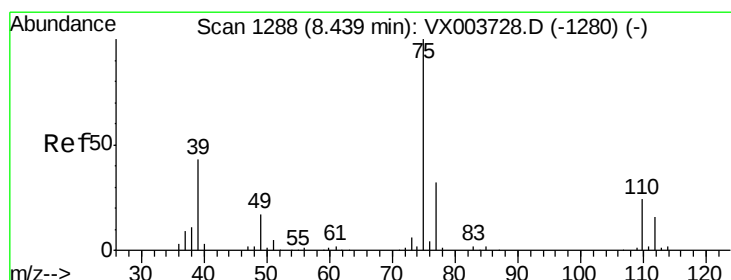
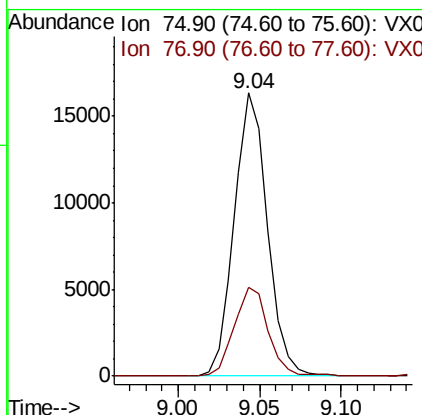
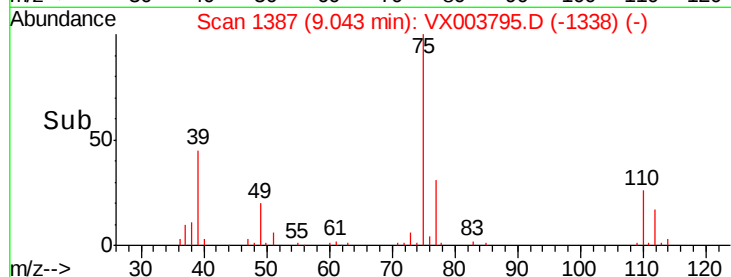
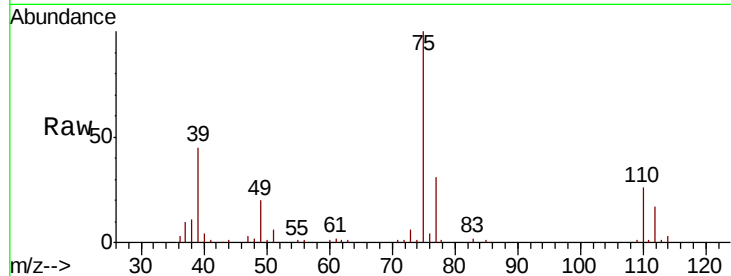
#53
t-1,3-Dichloropropene
Concen: 17.523 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VX003795.D
Acq: 01 Aug 2018 15:52

Instrument :
MSVOA_X
ClientSampled :
VX0801SBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.3	24.9	37.3

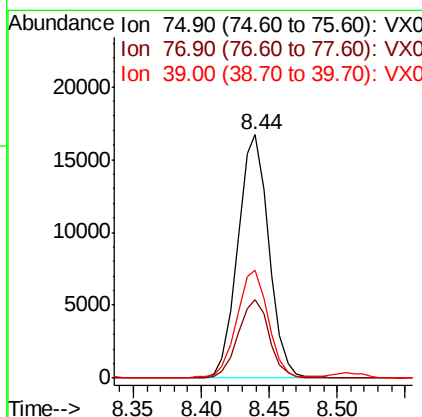
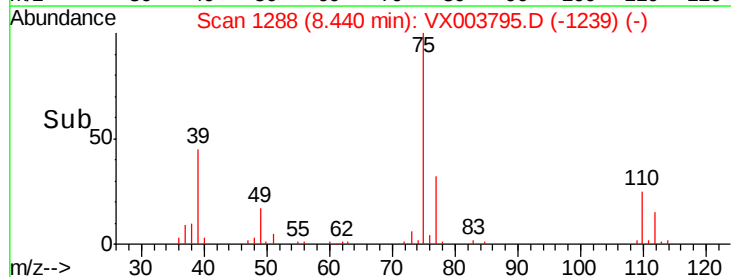
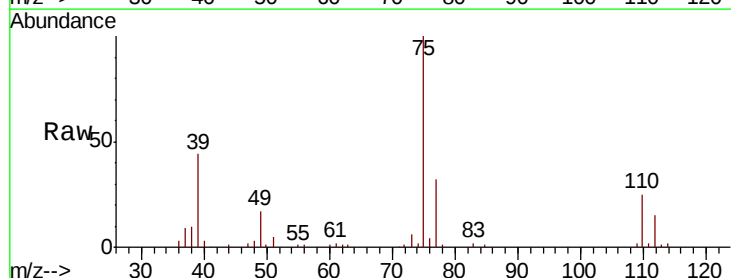
Manual Integrations
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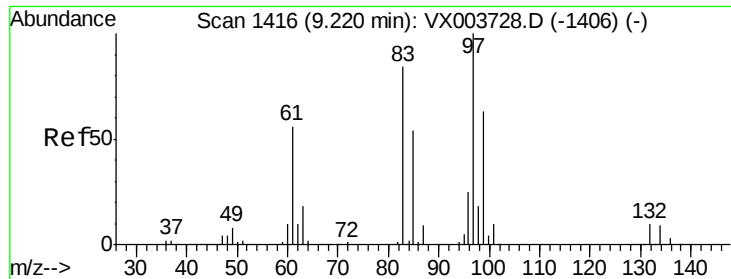
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#54
cis-1,3-Dichloropropene
Concen: 18.020 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX003795.D
Acq: 01 Aug 2018 15:52

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.3	37.9
39	44.1	34.1	51.1





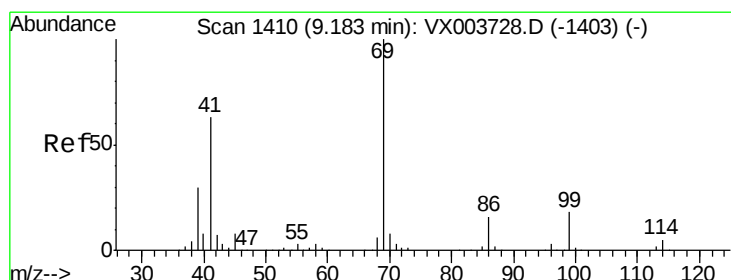
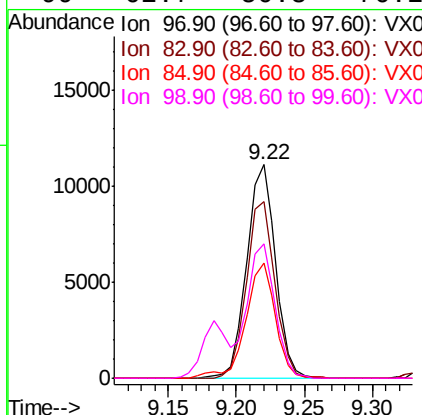
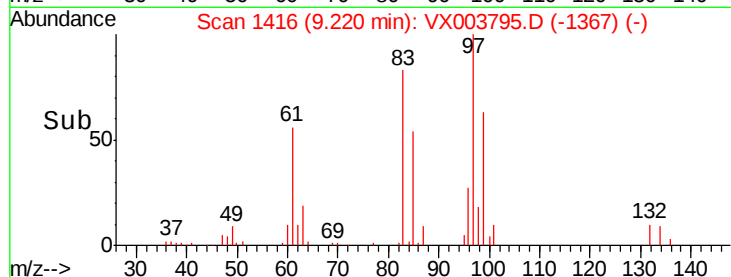
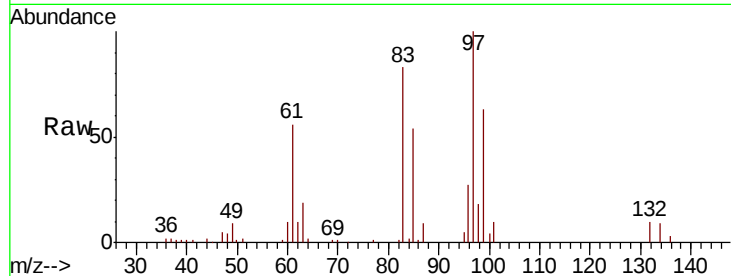
#55
 1,1,2-Trichloroethane
 Concen: 18.789 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003795.D
 Acq: 01 Aug 2018 15:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0801SBSD01

Tot Ion:	97	Resp:	16511
Ion	Ratio	Lower	Upper
97	100		
83	82.9	67.4	101.0
85	54.0	43.3	64.9
99	62.7	50.8	76.2

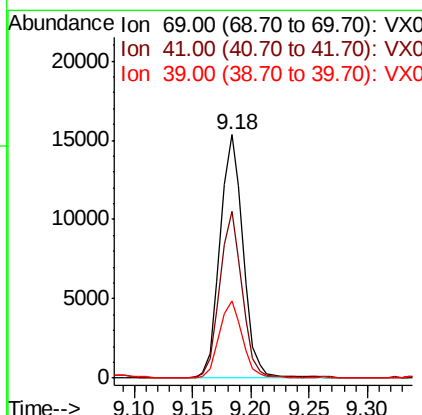
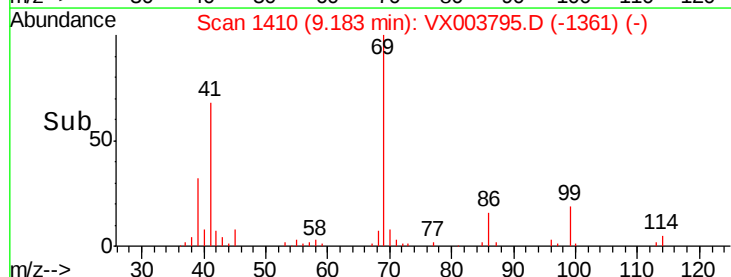
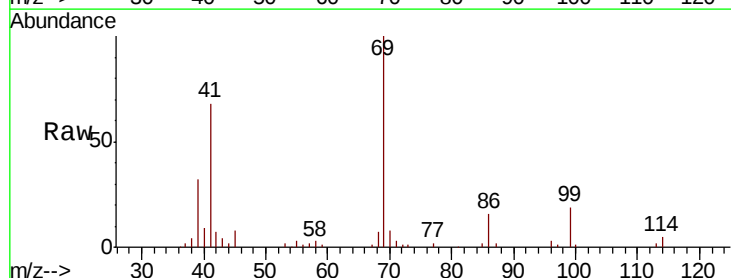
Manual Integrations
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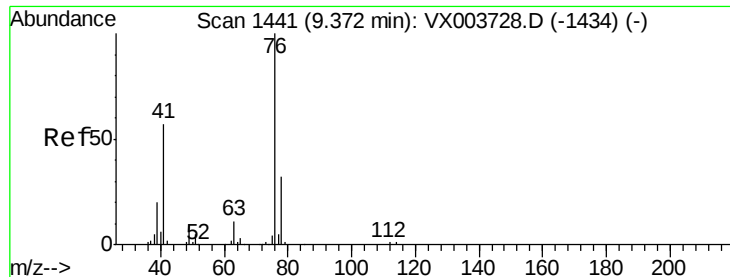
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#56
 Ethyl methacrylate
 Concen: 17.369 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003795.D
 Acq: 01 Aug 2018 15:52

Tgt Ion:	69	Resp:	20965
Ion	Ratio	Lower	Upper
69	100		
41	66.7	51.6	77.4
39	32.2	25.1	37.7





#57

1,3-Dichloropropane

Concen: 18.318 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. 0.00 min

Lab File: VX003795.D

Acq: 01 Aug 2018 15:52

Instrument :

MSVOA_X

ClientSampled :

VX0801SBSD01

Tot Ion: 76 Resp: 27021

Ion Ratio Lower Upper

76 100

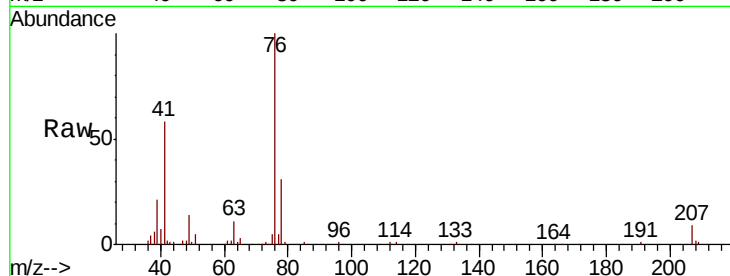
78 31.7 25.7 38.5

Manual Integrations

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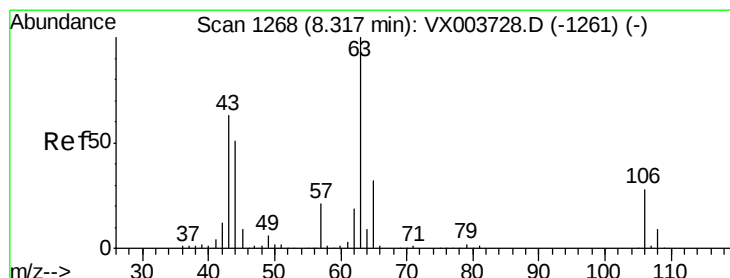
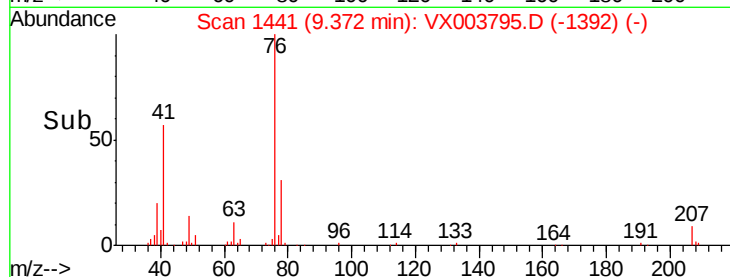
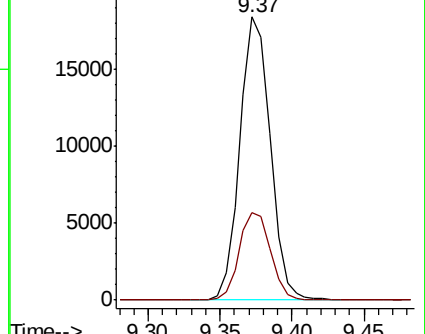
apatel

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 84.386 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX003795.D

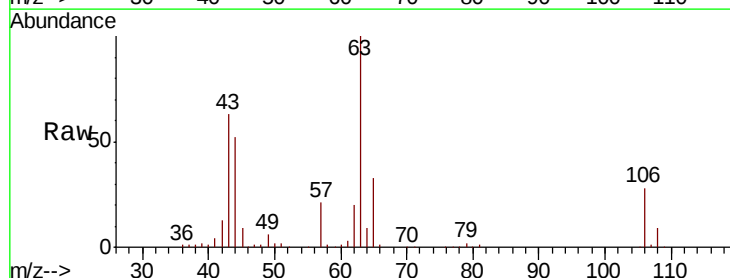
Acq: 01 Aug 2018 15:52

Tgt Ion: 63 Resp: 46990

Ion Ratio Lower Upper

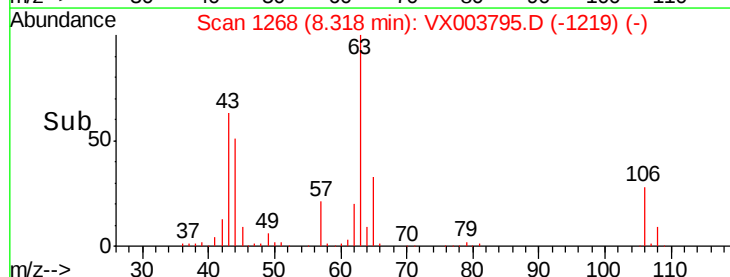
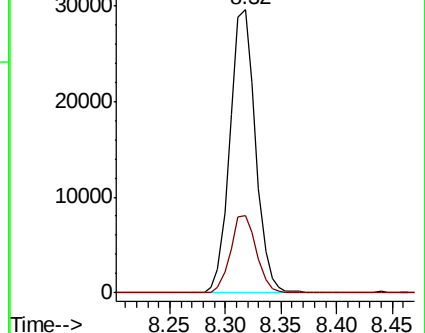
63 100

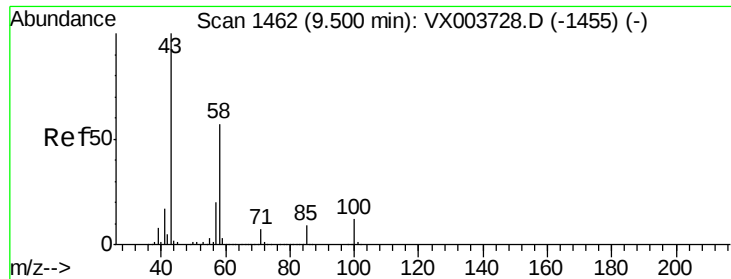
106 27.7 22.5 33.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





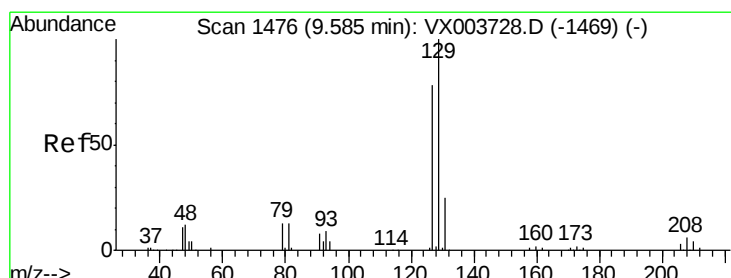
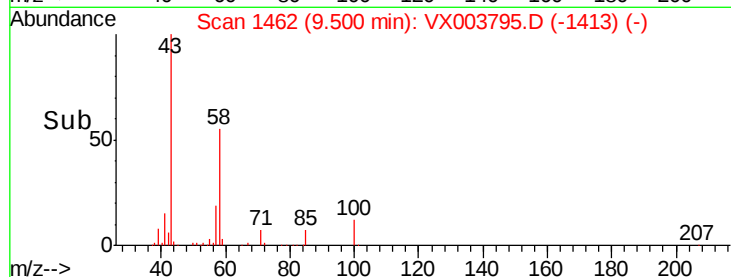
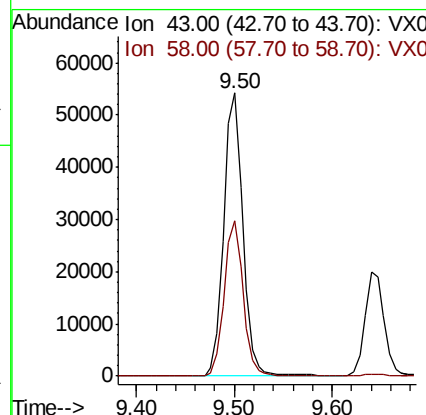
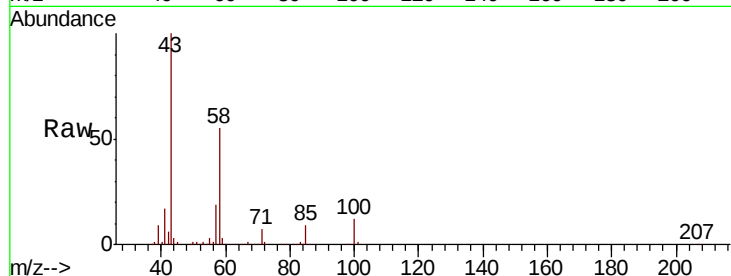
#59
2-Hexanone
Concen: 90.418 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003795.D
Acq: 01 Aug 2018 15:52

Instrument :
MSVOA_X
ClientSampleId :
VX0801SBSD01

Tot Ion: 43 Resp: 74005
Ion Ratio Lower Upper
43 100
58 54.0 28.0 83.9

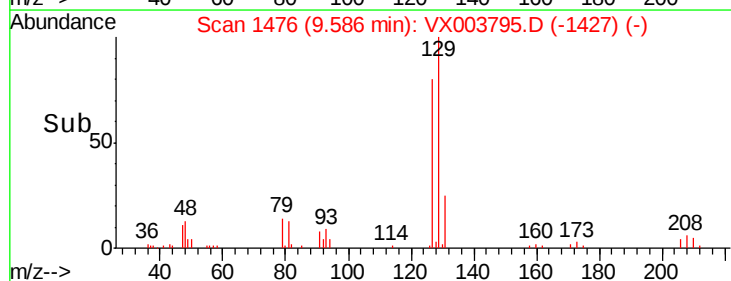
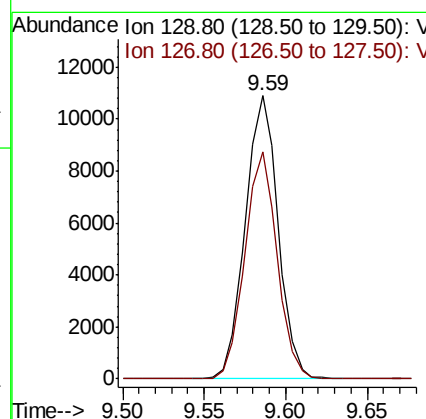
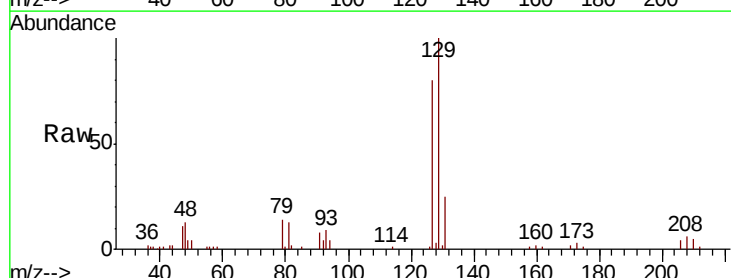
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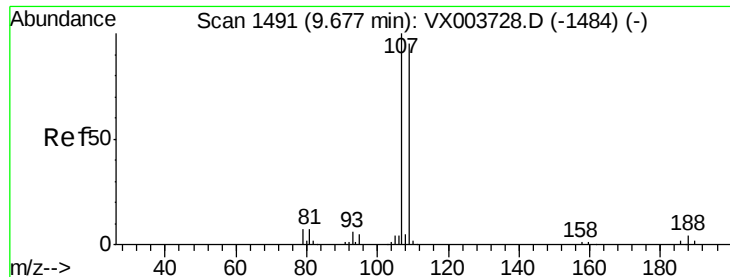
apatel
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#60
Dibromochloromethane
Concen: 17.328 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003795.D
Acq: 01 Aug 2018 15:52

Tgt Ion: 129 Resp: 15335
Ion Ratio Lower Upper
129 100
127 78.7 38.8 116.4





#61

1,2-Dibromoethane

Concen: 17.842 ug/l

RT: 9.67 min Scan# 1490

Delta R.T. -0.01 min

Lab File: VX003795.D

Acq: 01 Aug 2018 15:52

Instrument :

MSVOA_X

ClientSampleId :

VX0801SBSD01

Tot Ion:107 Resp: 16008

Ion Ratio Lower Upper

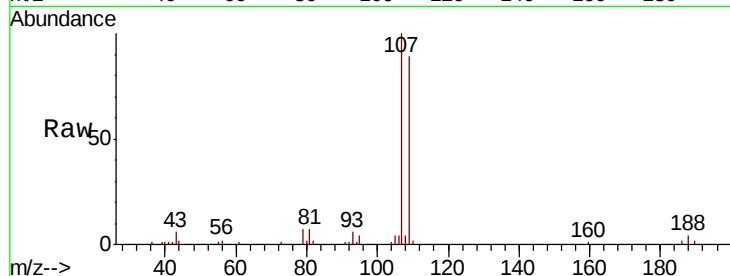
107 100

109 94.6 75.0 112.6

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

12000

10000

8000

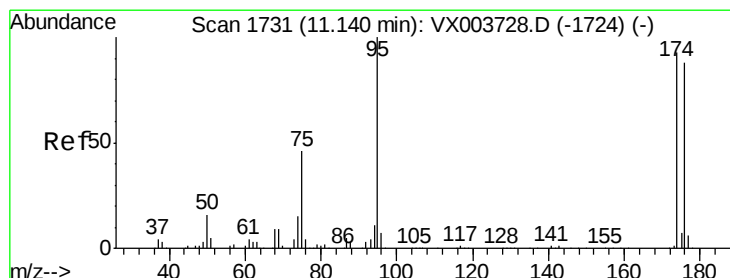
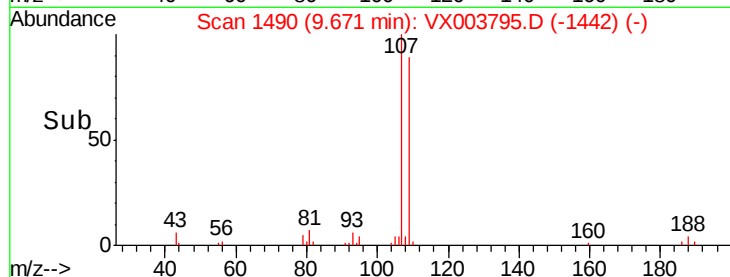
6000

4000

2000

0

Time--> 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 44.116 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003795.D

Acq: 01 Aug 2018 15:52

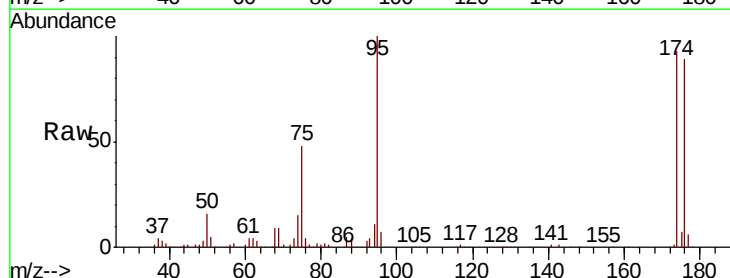
Tgt Ion: 95 Resp: 60907

Ion Ratio Lower Upper

95 100

174 93.4 0.0 186.2

176 90.7 0.0 179.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

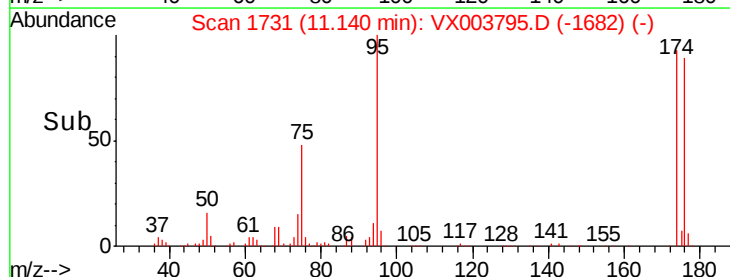
60000

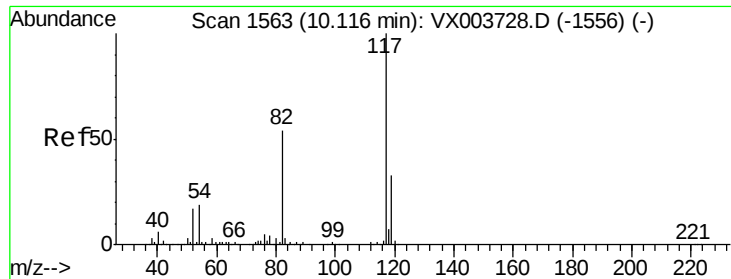
40000

20000

0

Time--> 11.05 11.10 11.15 11.20





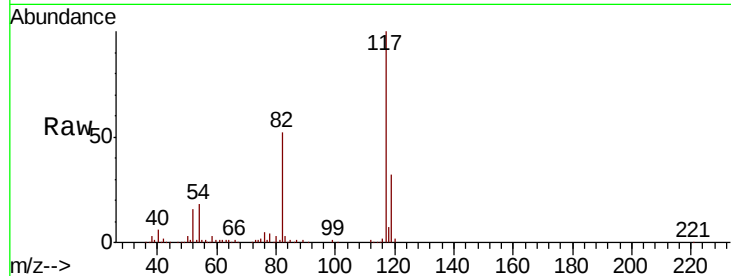
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003795.D
Acq: 01 Aug 2018 15:52

Instrument :
MSVOA_X
ClientSampled :
VX0801SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	127466		
82	52.5		43.2	64.8
119	32.0		26.3	39.5

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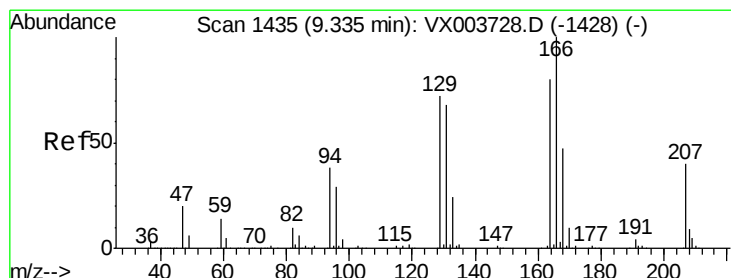
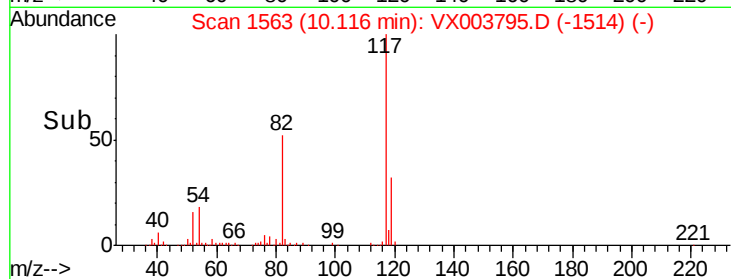
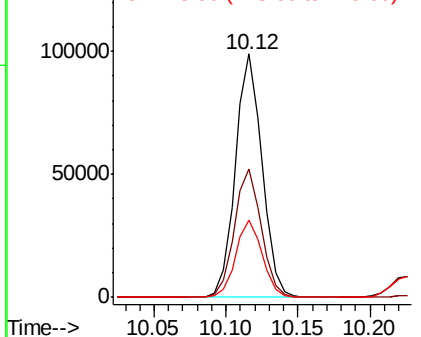


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 20.294 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003795.D
Acq: 01 Aug 2018 15:52

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	20333		
166	133.3		100.4	150.6
129	93.8		71.8	107.8
131	89.6		68.3	102.5

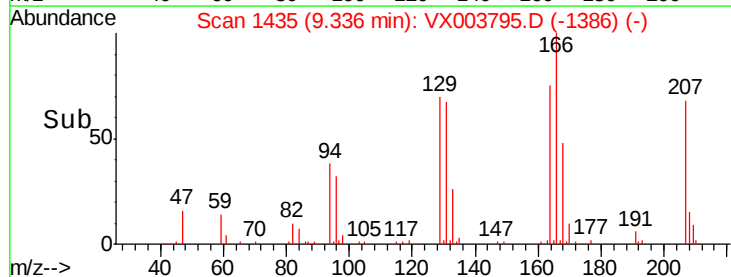
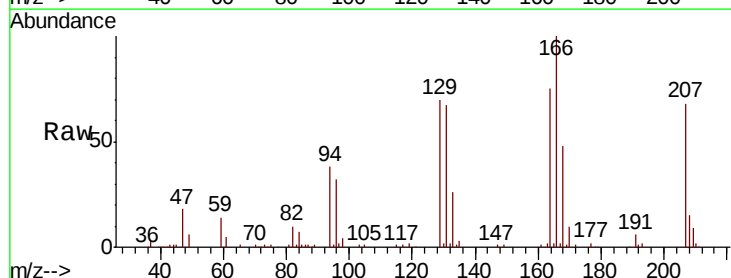
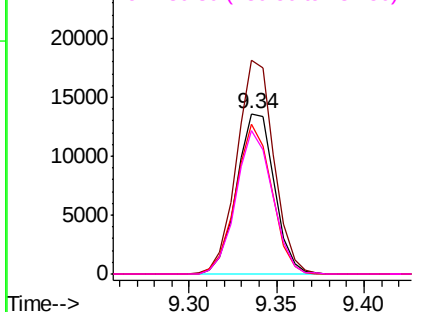
Abundance

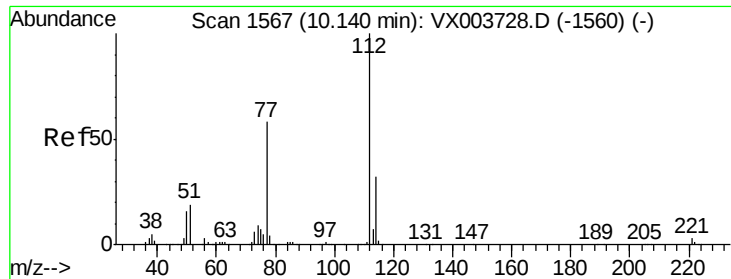
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





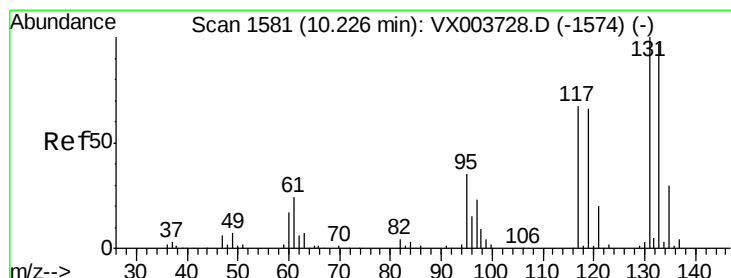
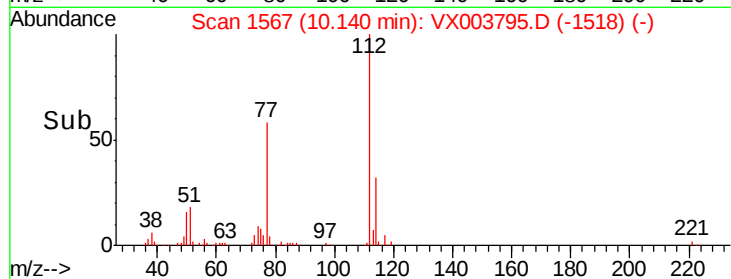
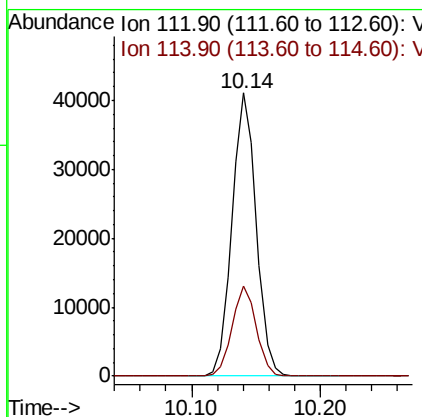
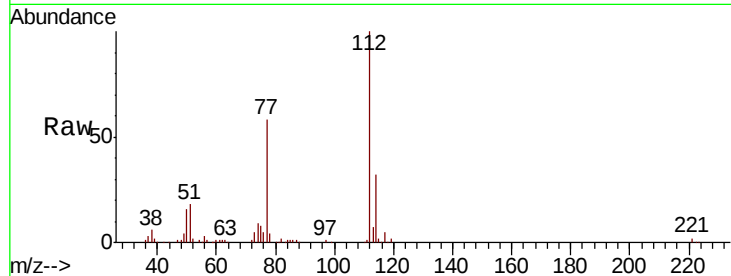
#65
Chlorobenzene
Concen: 20.269 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003795.D
Acq: 01 Aug 2018 15:52

Instrument :
MSVOA_X
ClientSampleId :
VX0801SBSD01

Tot Ion:112 Resp: 53989
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5

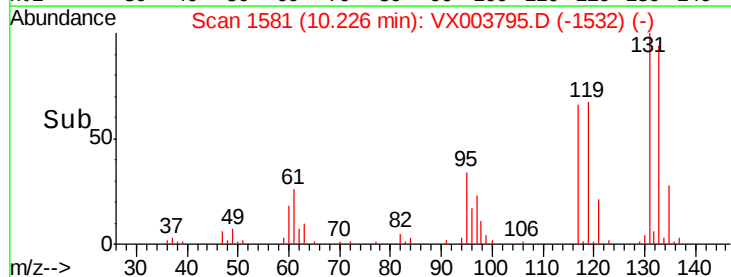
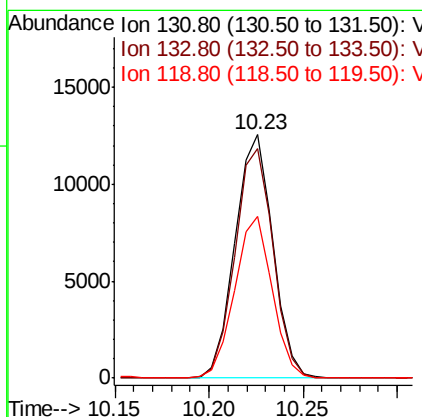
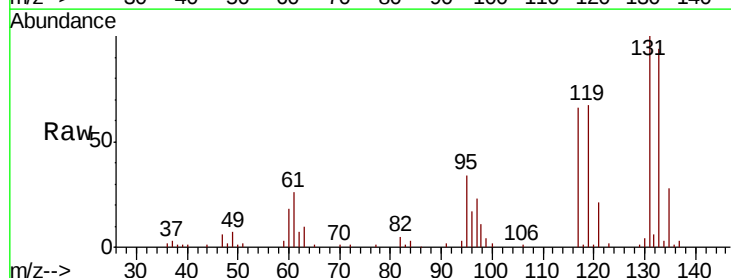
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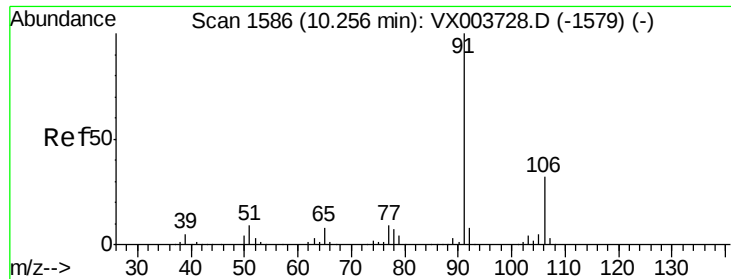
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.089 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX003795.D
Acq: 01 Aug 2018 15:52

Tgt Ion:131 Resp: 17450
Ion Ratio Lower Upper
131 100
133 94.8 47.6 142.9
119 65.6 32.8 98.3





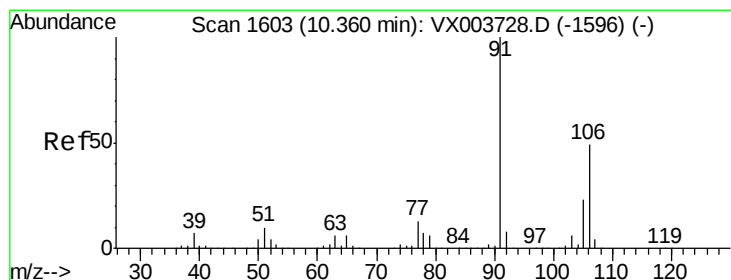
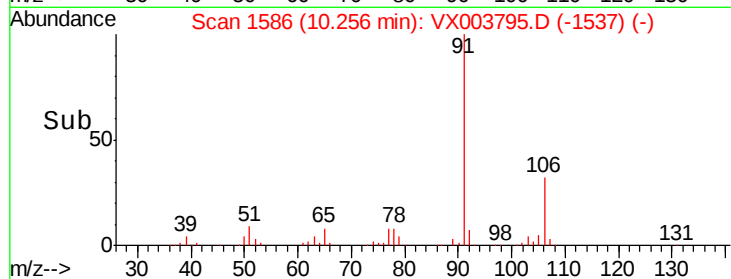
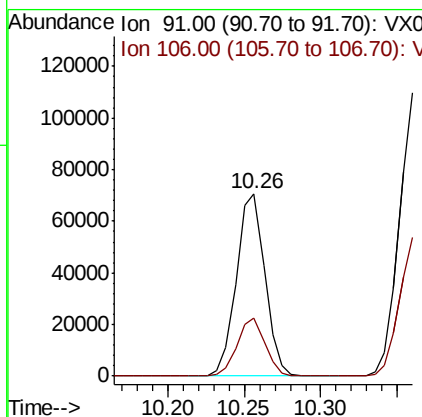
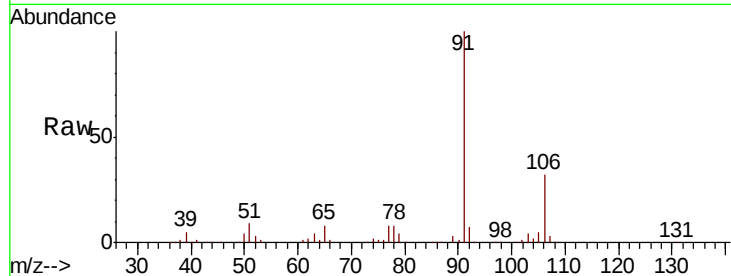
#67
Ethyl Benzene
Concen: 20.305 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003795.D
Acq: 01 Aug 2018 15:52

Instrument :
MSVOA_X
ClientSampleId :
VX0801SBSD01

Tot Ion: 91 Resp: 91326
Ion Ratio Lower Upper
91 100
106 31.7 25.4 38.2

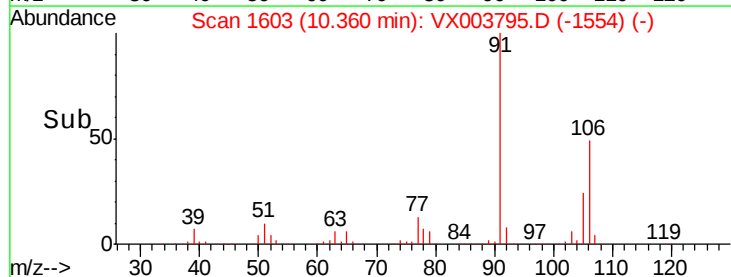
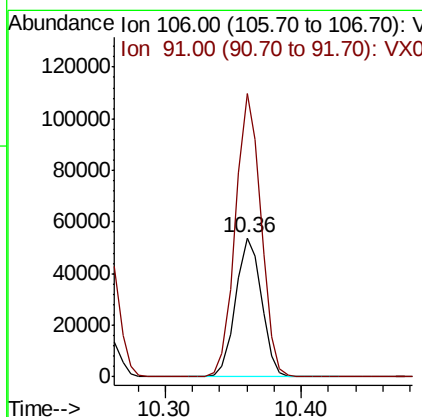
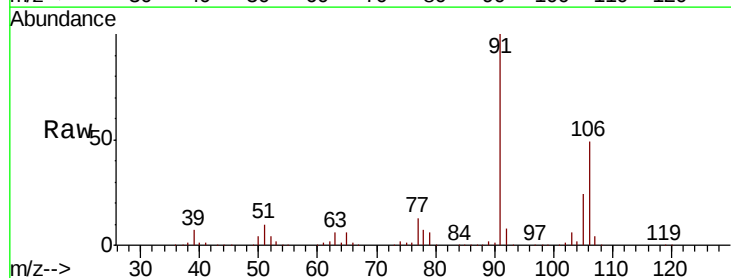
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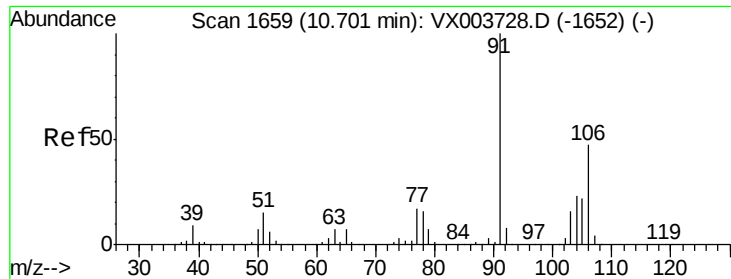
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#68
m/p-Xylenes
Concen: 40.844 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003795.D
Acq: 01 Aug 2018 15:52

Tgt Ion: 106 Resp: 71861
Ion Ratio Lower Upper
106 100
91 200.3 159.8 239.8





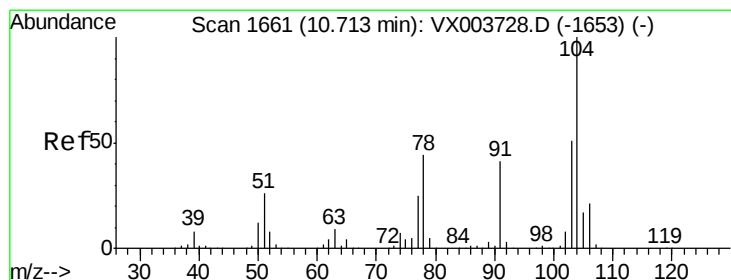
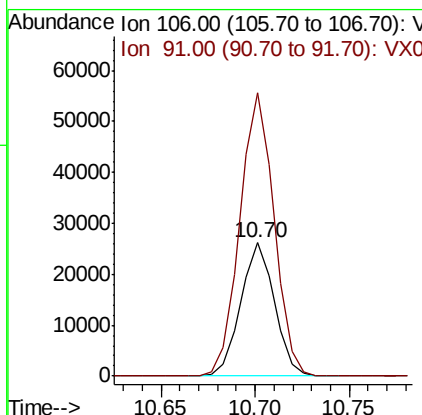
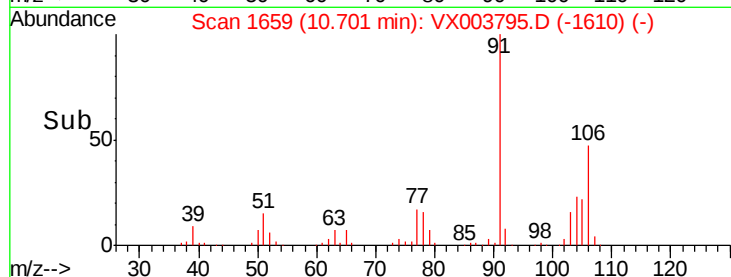
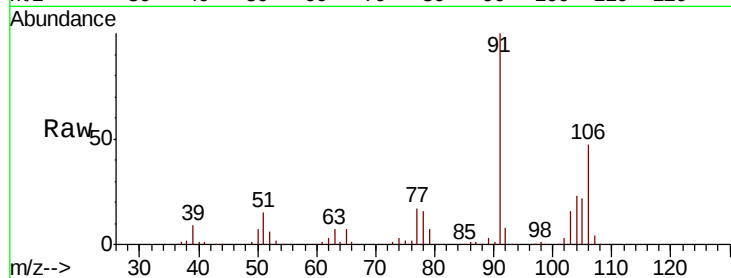
#69
o-Xylene
Concen: 19.963 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003795.D
Acq: 01 Aug 2018 15:52

Instrument :
MSVOA_X
ClientSampleId :
VX0801SBSD01

Tot Ion:106 Resp: 32613
Ion Ratio Lower Upper
106 100
91 214.9 105.6 316.8

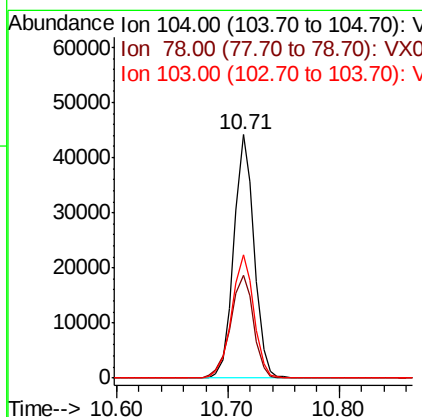
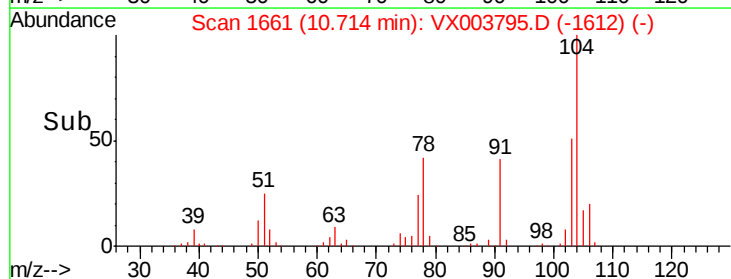
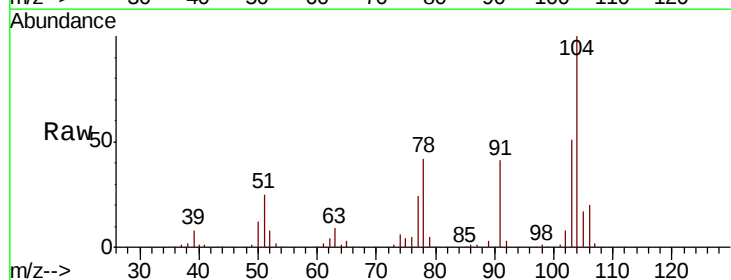
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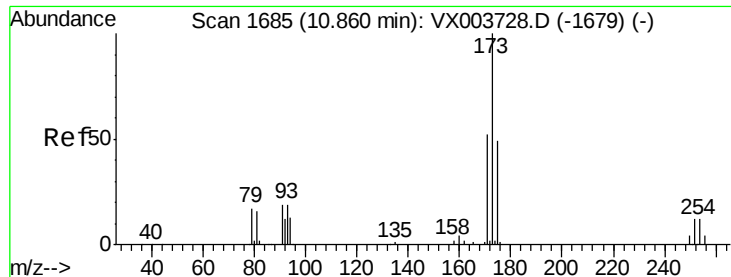
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#70
Styrene
Concen: 20.275 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003795.D
Acq: 01 Aug 2018 15:52

Tgt Ion:104 Resp: 55724
Ion Ratio Lower Upper
104 100
78 48.1 38.2 57.2
103 55.4 44.5 66.7





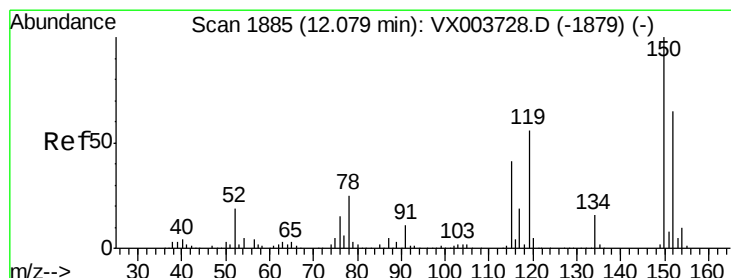
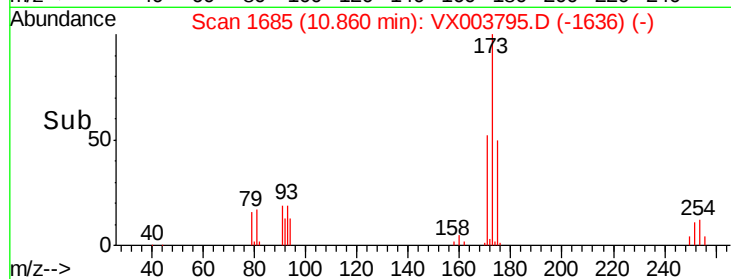
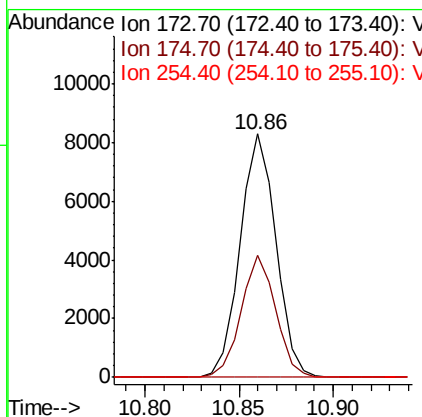
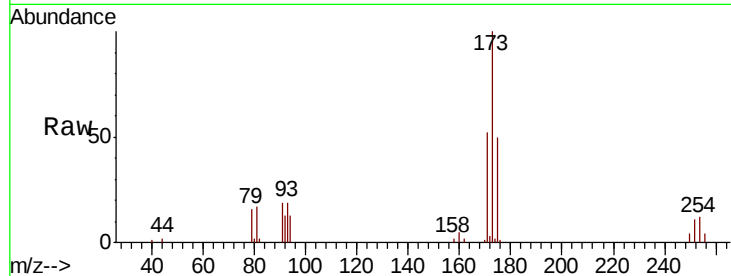
#71
Bromoform
Concen: 18.287 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003795.D
Acq: 01 Aug 2018 15:52

Instrument :
MSVOA_X
ClientSampleId :
VX0801SBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.9	74.6
254	0.0	0.0	0.0

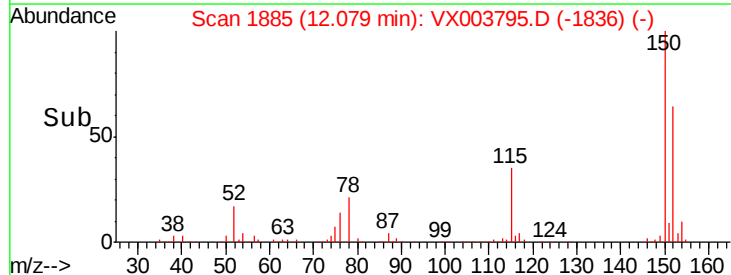
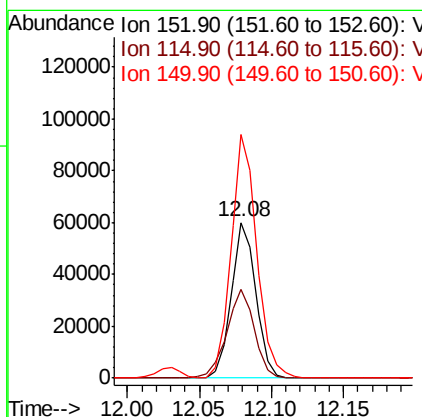
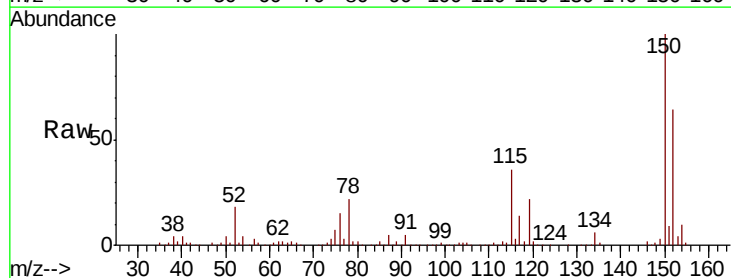
Manual Integrations
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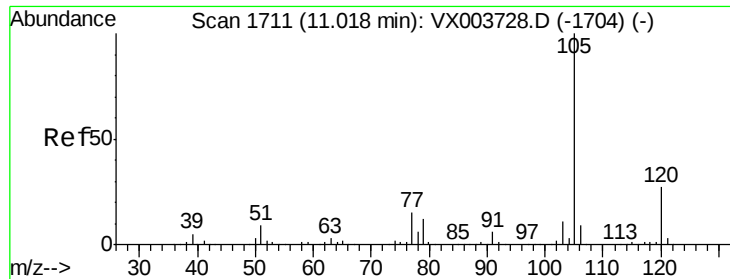
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003795.D
Acq: 01 Aug 2018 15:52

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.6	38.5	115.3
150	163.6	0.0	346.2





#73

Isopropylbenzene

Concen: 20.585 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX003795.D

Acq: 01 Aug 2018 15:52

Instrument :

MSVOA_X

ClientSampleId :

VX0801SBSD01

Tot Ion: 105 Resp: 92673

Ion Ratio Lower Upper

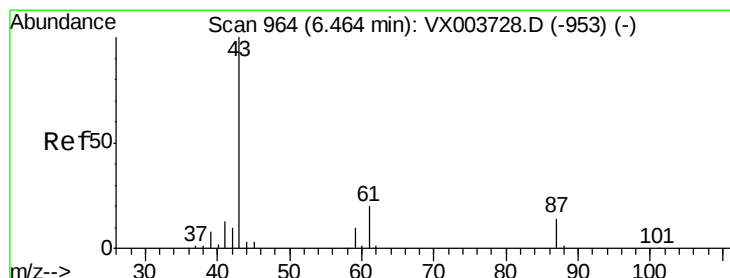
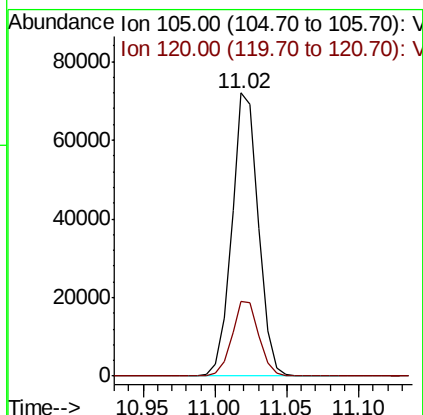
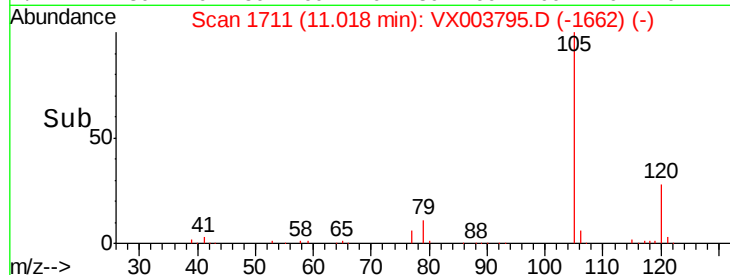
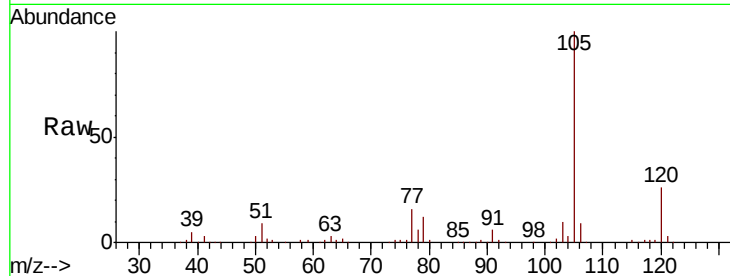
105 100

120 26.8 13.5 40.5

Manual Integrations
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#74

N-ethyl acetate

Concen: 19.248 ug/l

RT: 6.46 min Scan# 964

Delta R.T. 0.00 min

Lab File: VX003795.D

Acq: 01 Aug 2018 15:52

Tgt Ion: 43 Resp: 30715

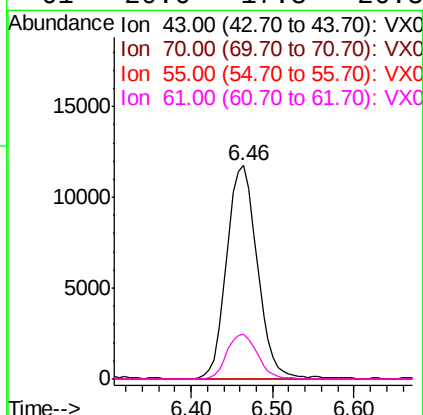
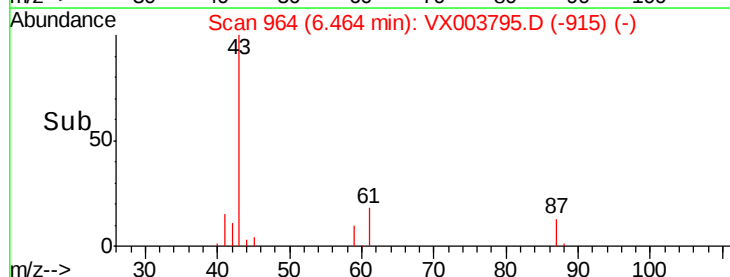
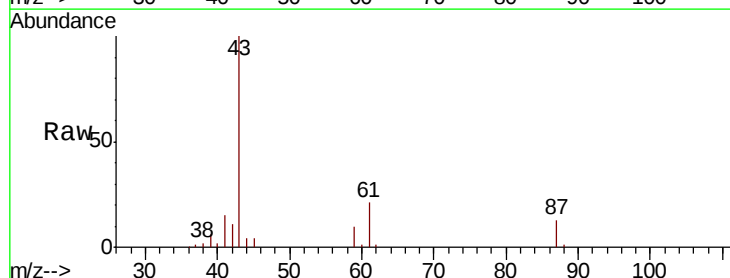
Ion Ratio Lower Upper

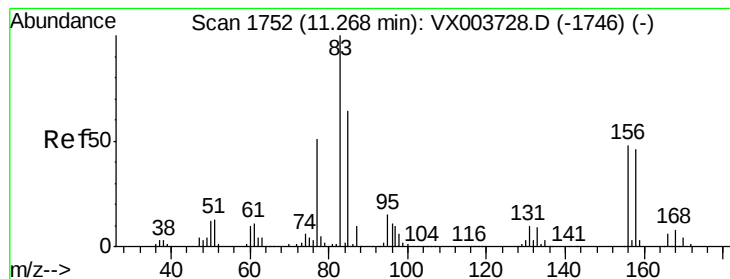
43 100

70 0.0 31.0 46.6#

55 0.0 18.9 28.3#

61 20.6 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.138 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. 0.00 min

Lab File: VX003795.D

Acq: 01 Aug 2018 15:52

Instrument :

MSVOA_X

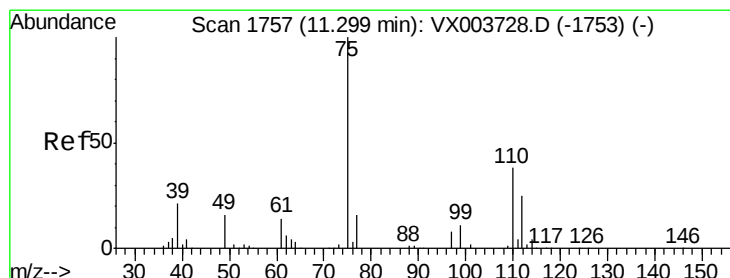
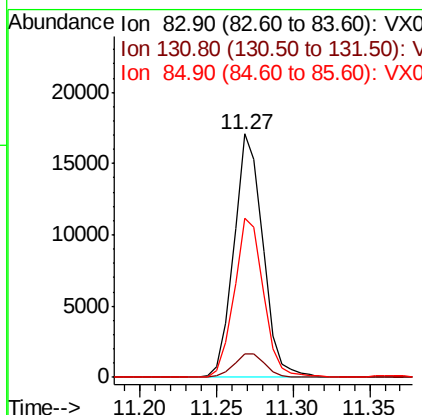
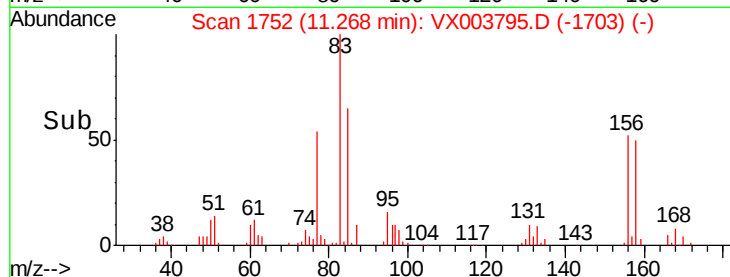
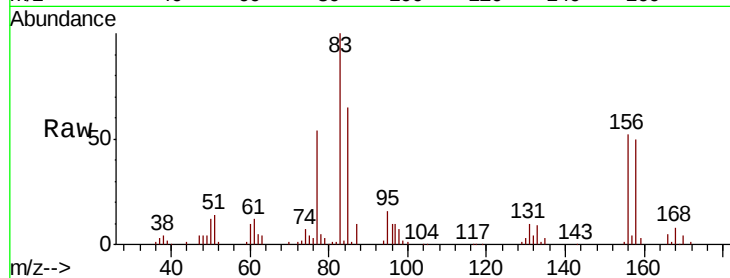
ClientSampled :

VX0801SBSD01

Tot Ion:	83	Resp:	22400
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.3	15.9
85	66.2	32.0	96.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.558 ug/l m

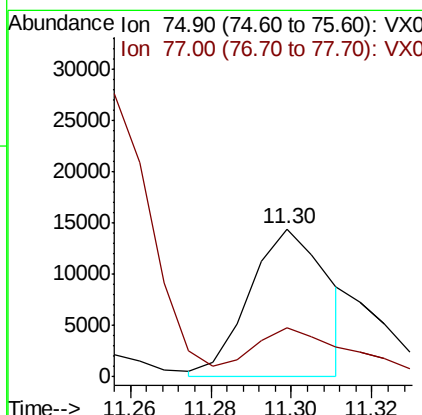
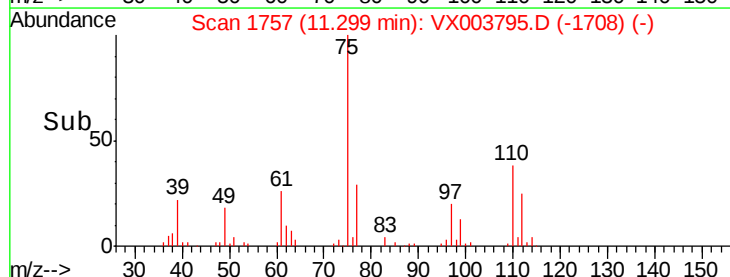
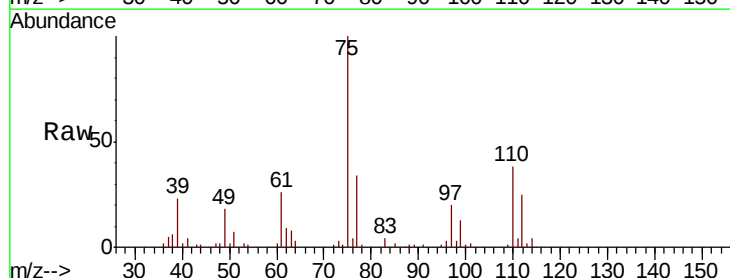
RT: 11.30 min Scan# 1757

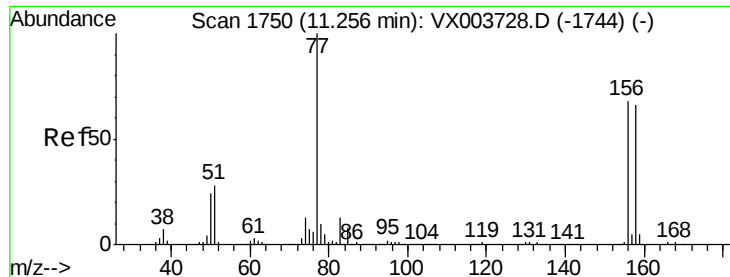
Delta R.T. 0.00 min

Lab File: VX003795.D

Acq: 01 Aug 2018 15:52

Tgt Ion:	75	Resp:	19386
Ion Ratio	Lower	Upper	
75	100		
77	42.3	21.6	65.0





#77

Bromobenzene

Concen: 20.540 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003795.D

Acq: 01 Aug 2018 15:52

Instrument :

MSVOA_X

ClientSampled :

VX0801SBSD01

Tot Ion:156 Resp: 24108

Ion Ratio Lower Upper

156 100

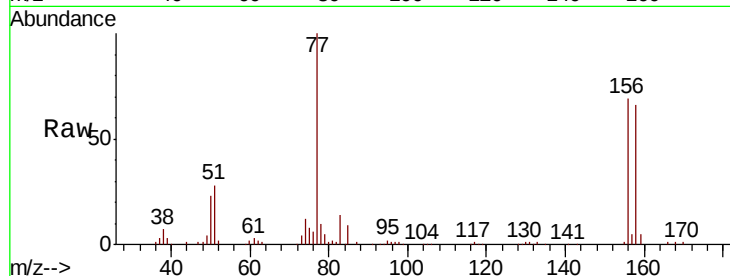
77 142.0 71.8 215.3

158 96.7 48.8 146.4

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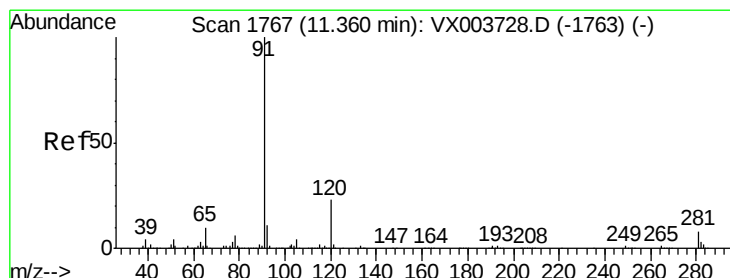
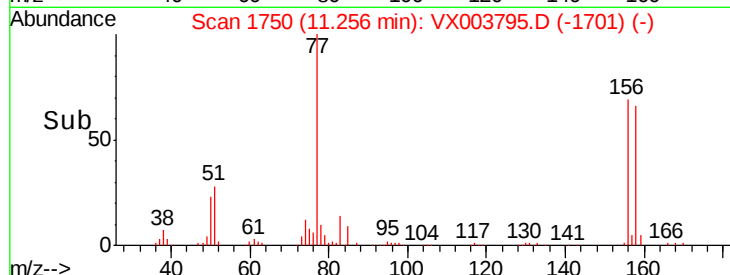
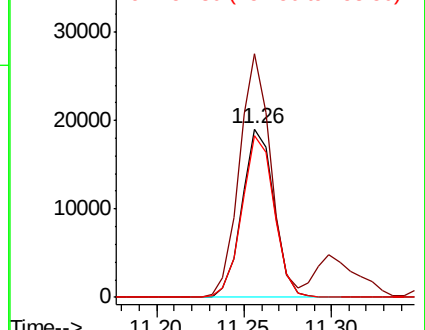
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.569 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003795.D

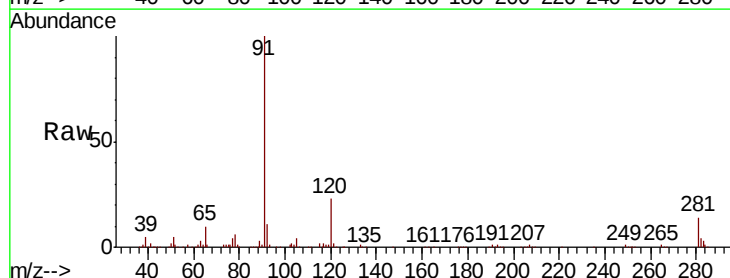
Acq: 01 Aug 2018 15:52

Tgt Ion: 91 Resp: 112182

Ion Ratio Lower Upper

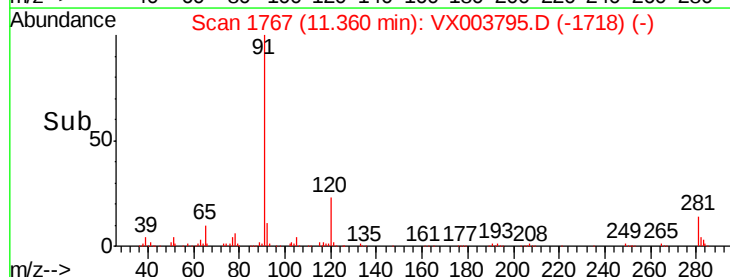
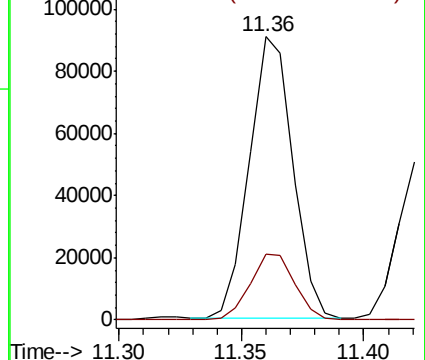
91 100

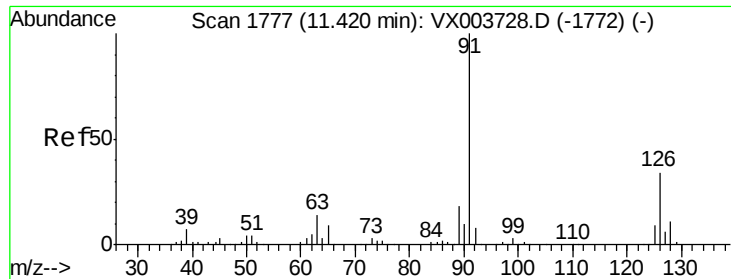
120 24.0 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.481 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. 0.00 min

Lab File: VX003795.D

Acq: 01 Aug 2018 15:52

Instrument :

MSVOA_X

ClientSampled :

VX0801SBSD01

Tot Ion: 91 Resp: 63419

Ion Ratio Lower Upper

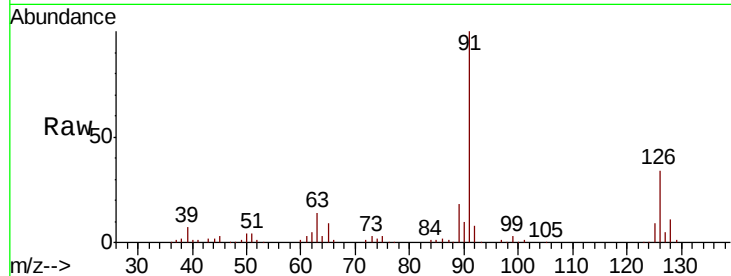
91 100

126 35.7 17.6 52.8

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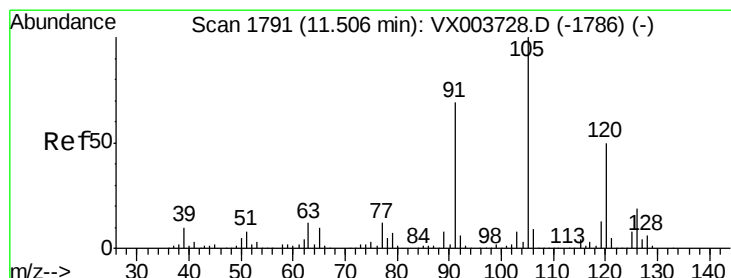
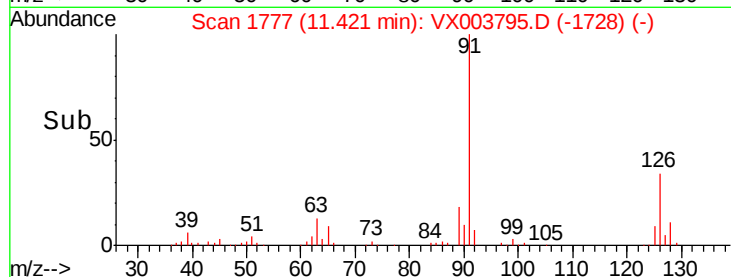
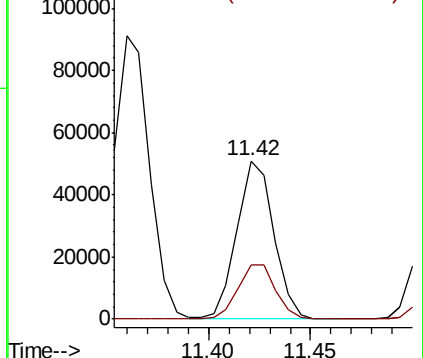
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Abundance Ion 91.00 (90.70 to 91.70): VX003728.D (-1772) (-)

Ion 125.90 (125.60 to 126.60): VX003728.D (-1772) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.512 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX003795.D

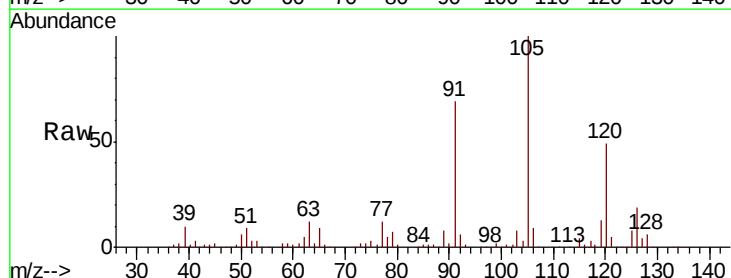
Acq: 01 Aug 2018 15:52

Tgt Ion: 105 Resp: 78821

Ion Ratio Lower Upper

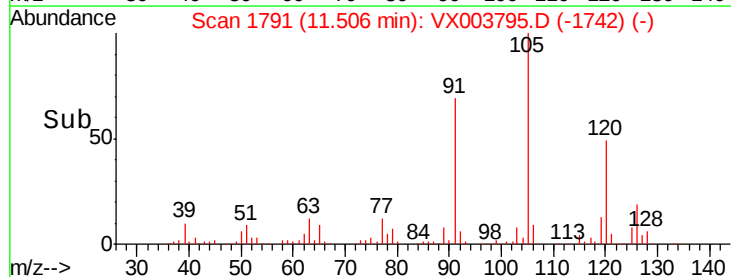
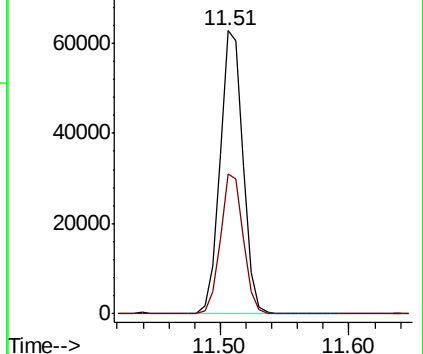
105 100

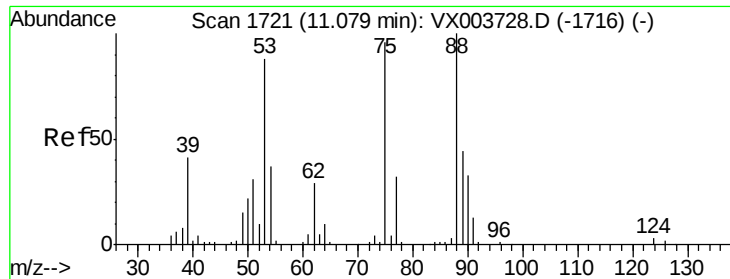
120 49.3 15.8 47.4#



Abundance Ion 105.00 (104.70 to 105.70): VX003728.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX003728.D (-1786) (-)





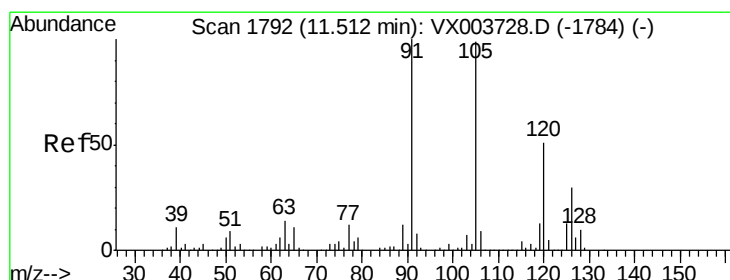
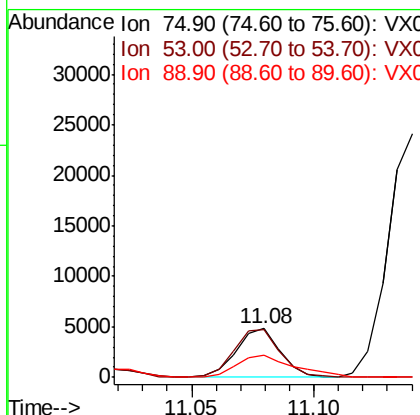
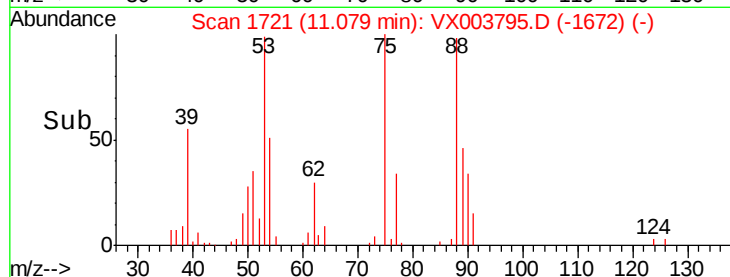
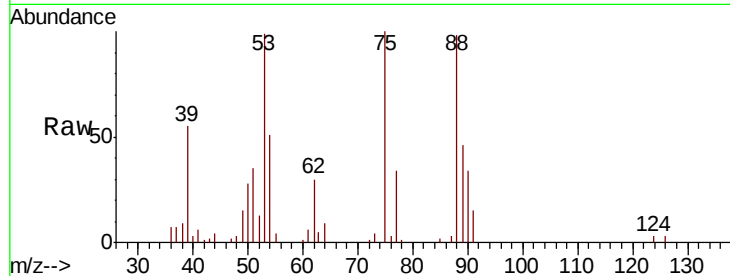
#81
trans-1,4-Dichloro-2-butene
Concen: 18.390 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX003795.D
Acq: 01 Aug 2018 15:52

Instrument :
MSVOA_X
ClientSampleId :
VX0801SBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	102.4	75.8	113.8
89	59.6	39.1	58.7

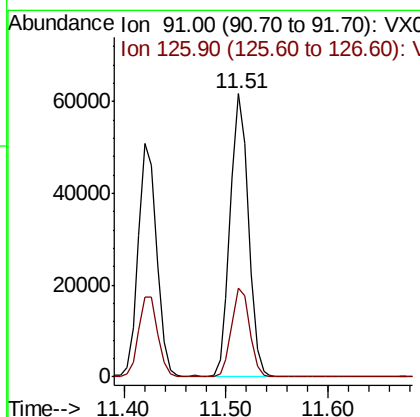
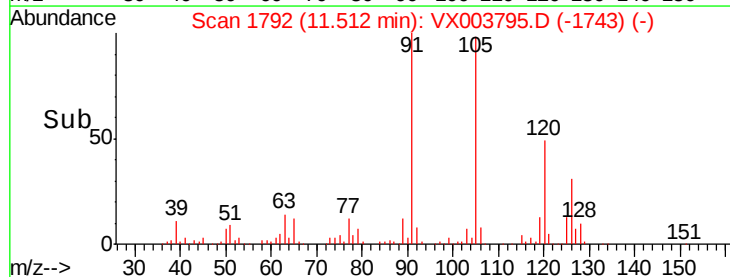
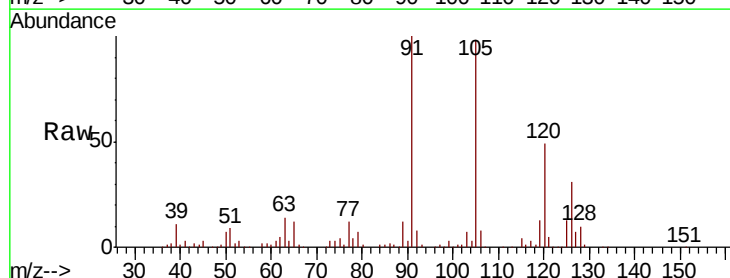
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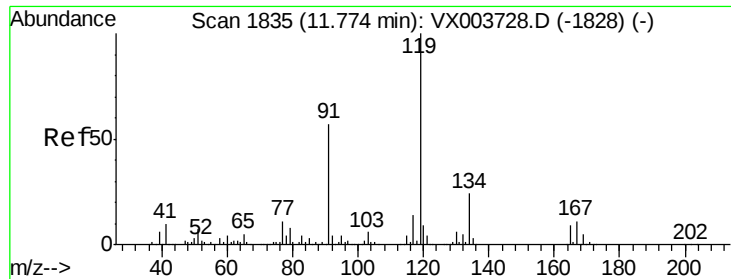
apatel
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#82
4-Chlorotoluene
Concen: 20.334 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX003795.D
Acq: 01 Aug 2018 15:52

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.1	15.6	46.7





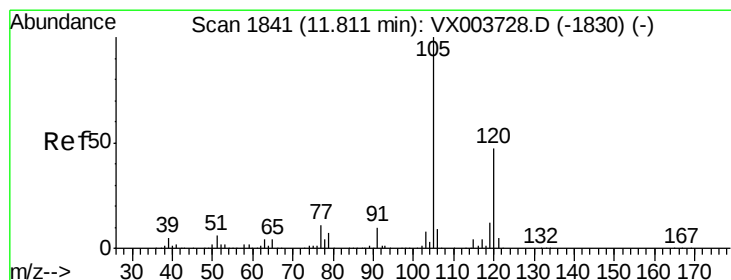
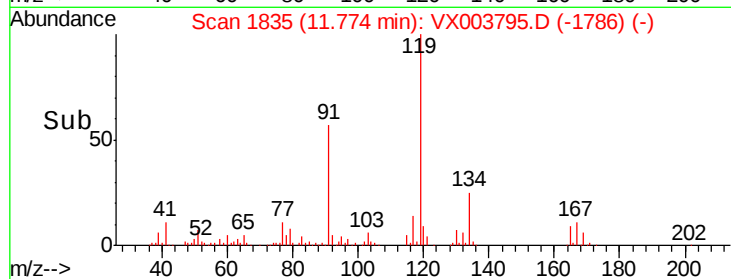
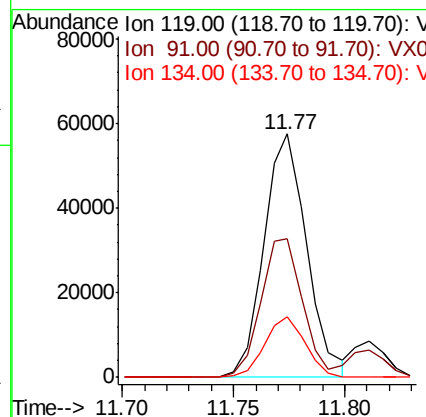
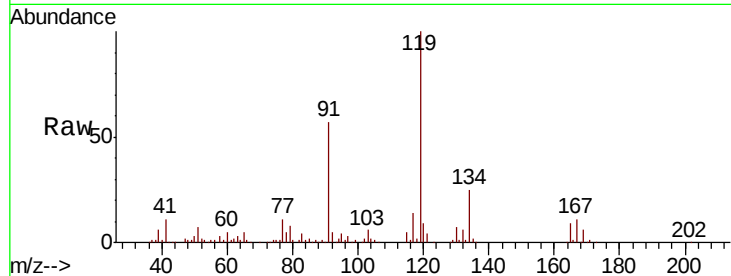
#83
 tert-Butylbenzene
 Concen: 20.137 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003795.D
 Acq: 01 Aug 2018 15:52

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0801SBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	55.6	27.2	81.6
134	23.7	11.6	34.8

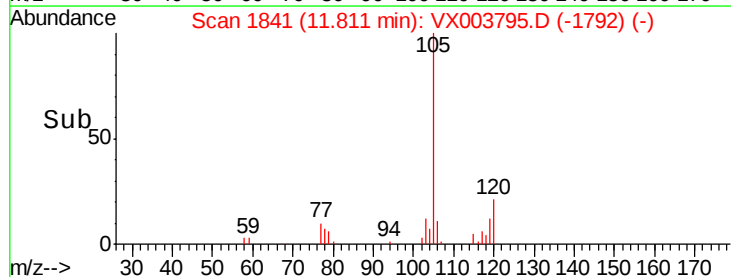
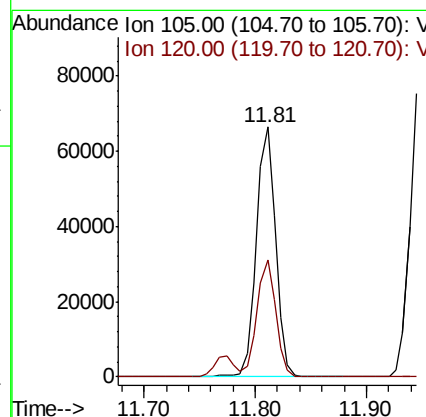
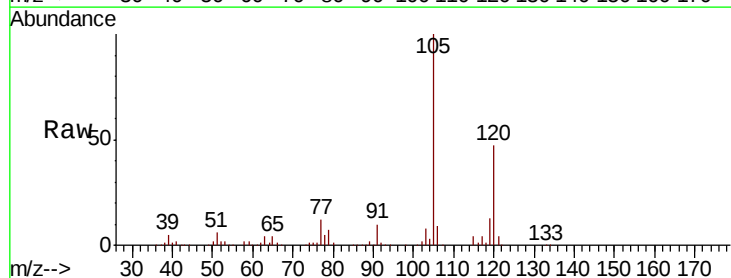
Manual Integrations
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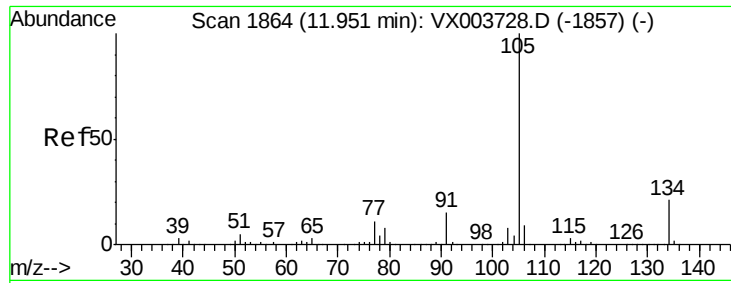
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.331 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003795.D
 Acq: 01 Aug 2018 15:52

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.5	23.1	69.2





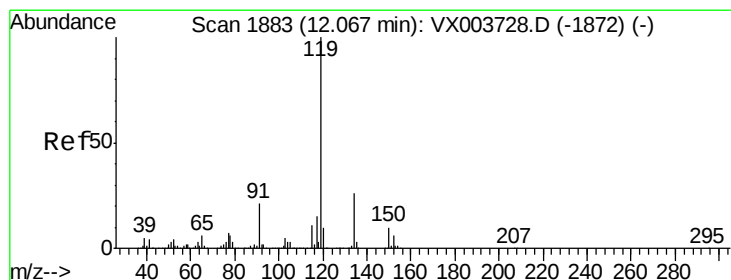
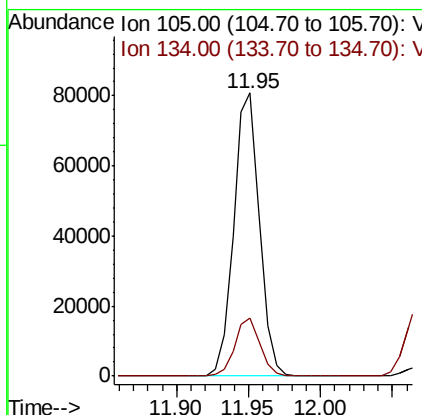
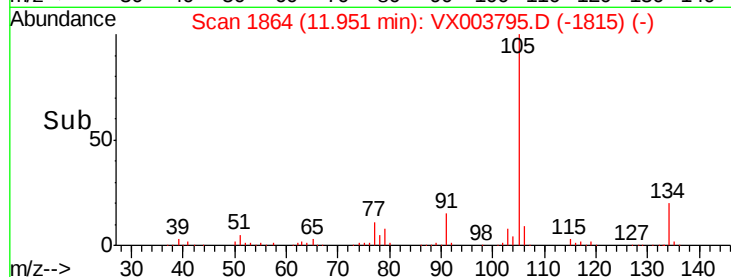
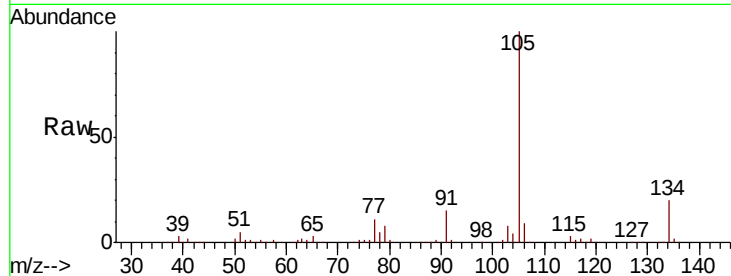
#85
 sec-Butylbenzene
 Concen: 20.663 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX003795.D
 Acq: 01 Aug 2018 15:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0801SBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.2	10.3	30.8

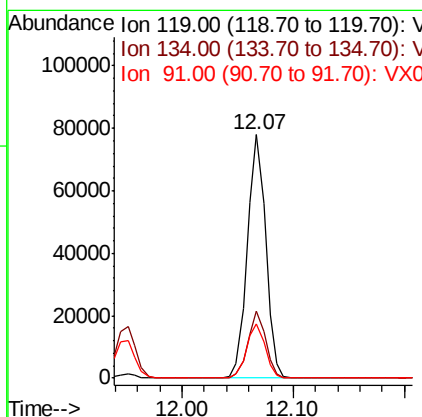
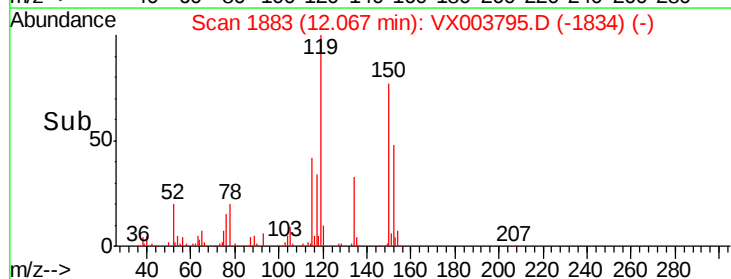
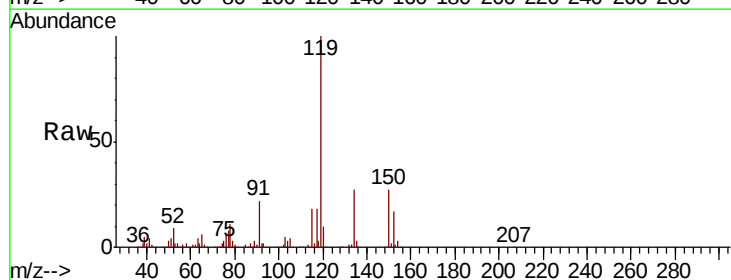
Manual Integrations
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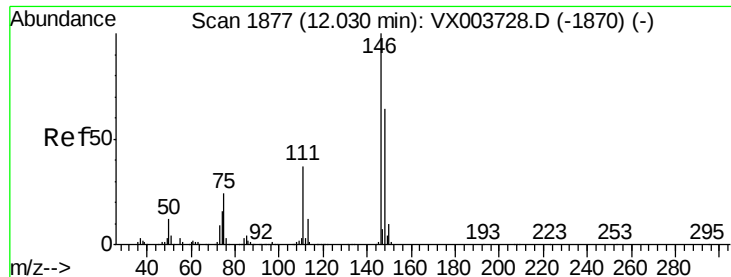
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#86
 p-Isopropyltoluene
 Concen: 20.215 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX003795.D
 Acq: 01 Aug 2018 15:52

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.5	10.1	30.1
91	22.8	23.6	70.8#





#87

1,3-Dichlorobenzene

Concen: 20.001 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX003795.D

Acq: 01 Aug 2018 15:52

Instrument :

MSVOA_X

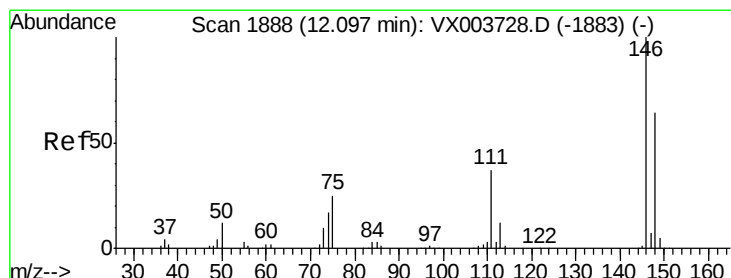
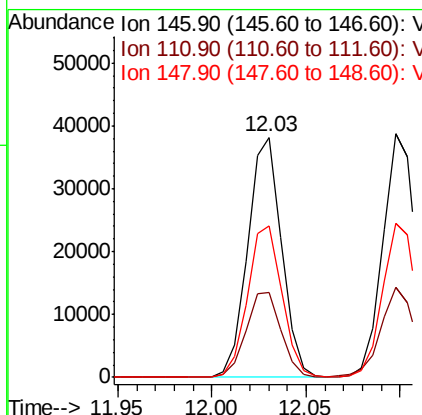
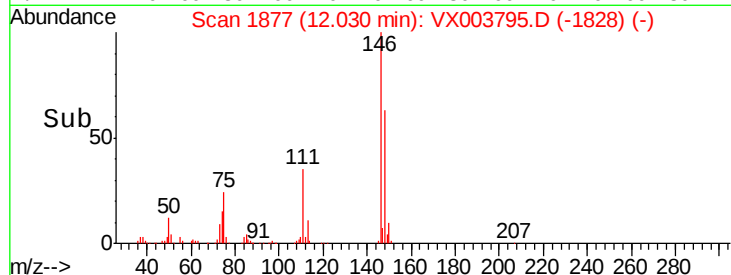
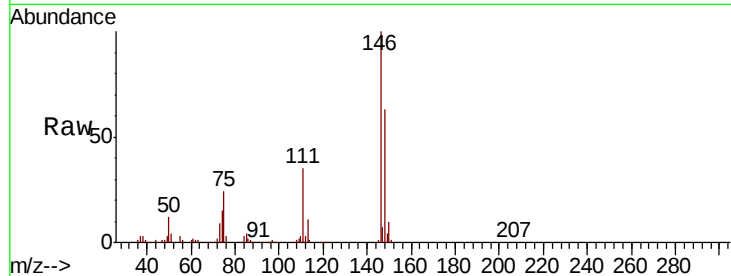
ClientSampleId :

VX0801SBSD01

Tot Ion:	146	Resp:	47488
Ion Ratio	Lower	Upper	
146	100		
111	37.0	18.8	56.3
148	64.4	31.9	95.9

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 19.835 ug/l

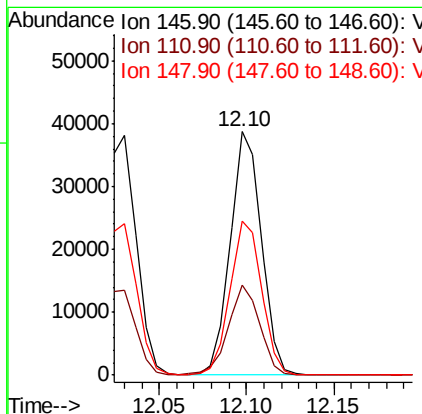
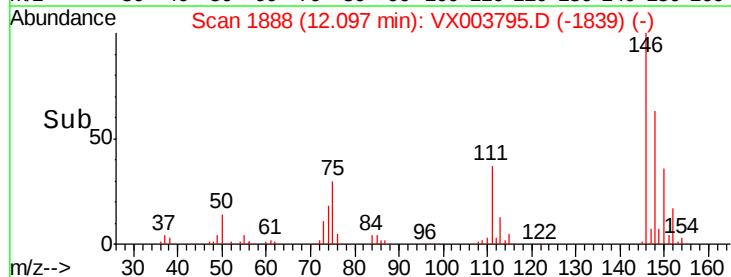
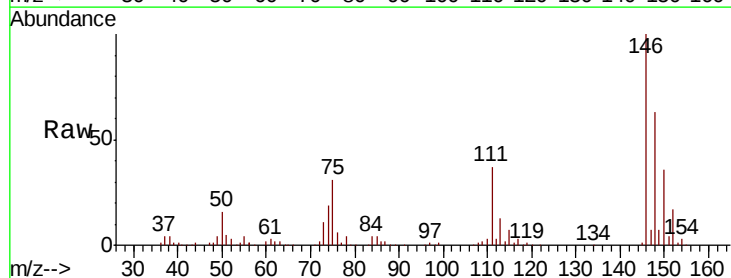
RT: 12.10 min Scan# 1888

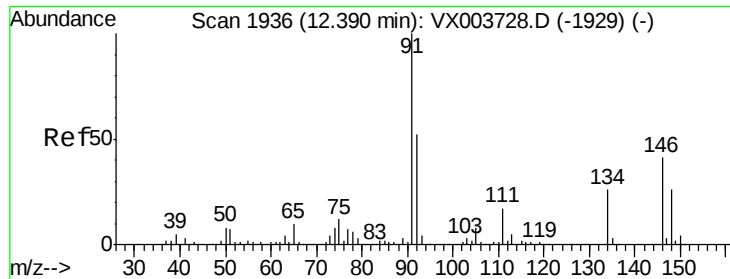
Delta R.T. 0.00 min

Lab File: VX003795.D

Acq: 01 Aug 2018 15:52

Tgt Ion:	146	Resp:	48048
Ion Ratio	Lower	Upper	
146	100		
111	37.5	18.3	54.9
148	64.6	32.0	96.2





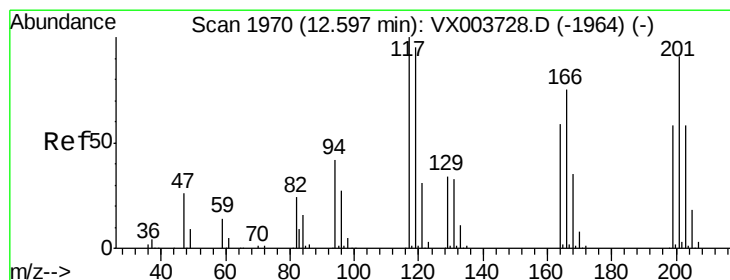
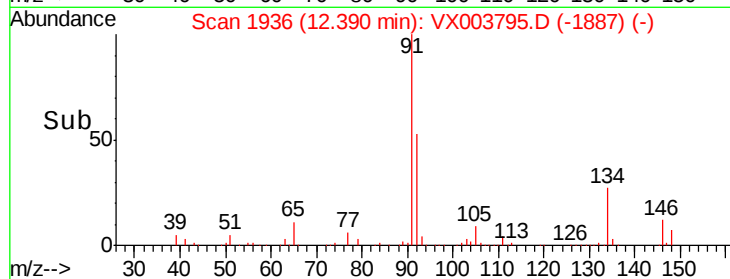
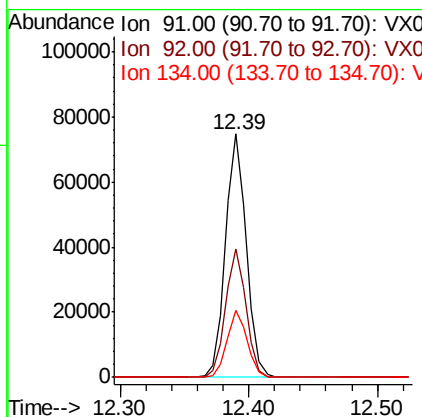
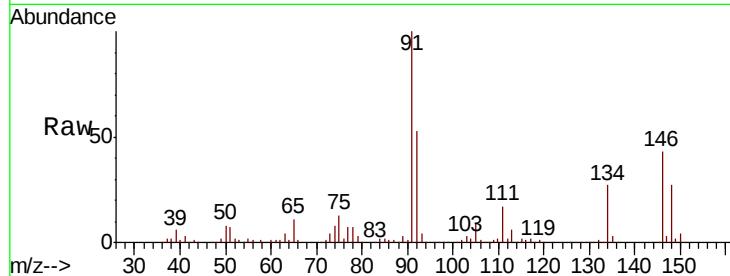
#89
n-Butylbenzene
Concen: 20.221 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003795.D
Acq: 01 Aug 2018 15:52

Instrument :
MSVOA_X
ClientSampleId :
VX0801SBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.2	78.5
134	26.8	13.6	40.7

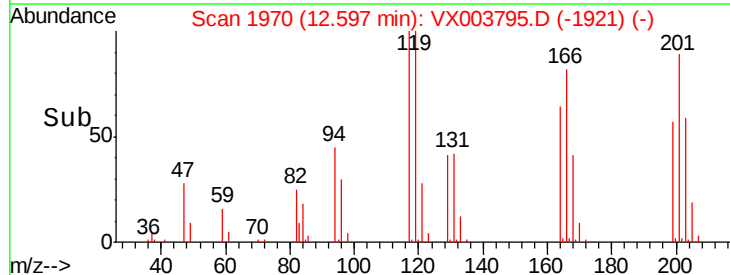
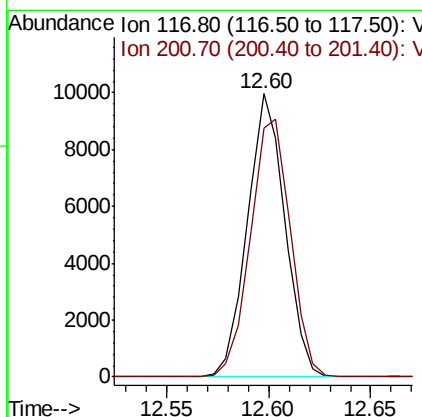
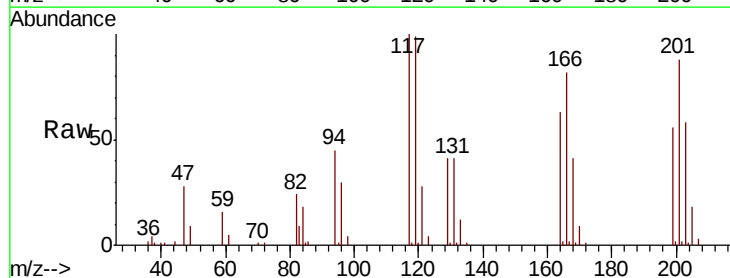
Manual Integrations
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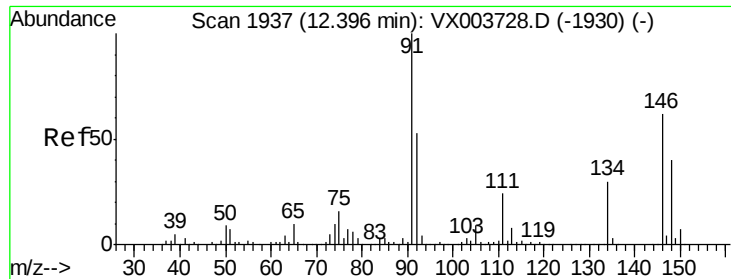
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#90
Hexachloroethane
Concen: 19.417 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003795.D
Acq: 01 Aug 2018 15:52

Tgt Ion	Ratio	Lower	Upper
117	100		
201	97.0	49.3	147.8





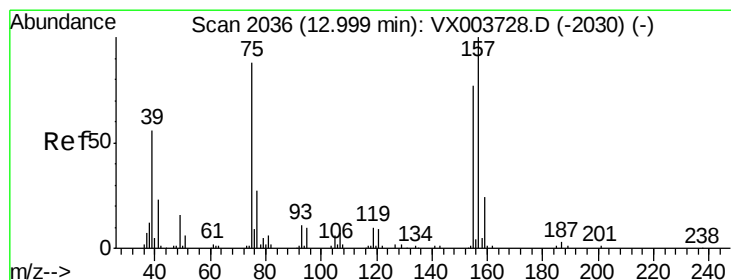
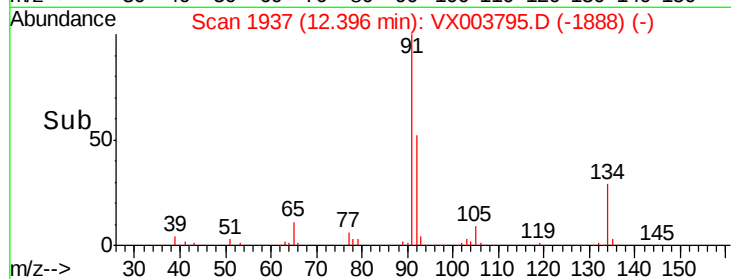
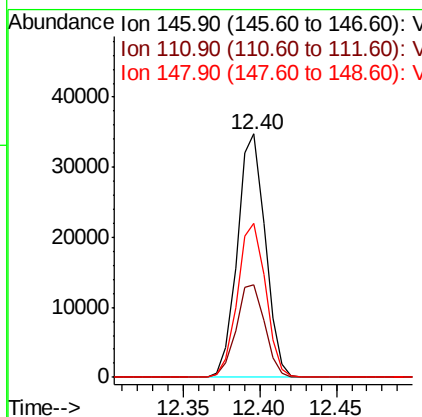
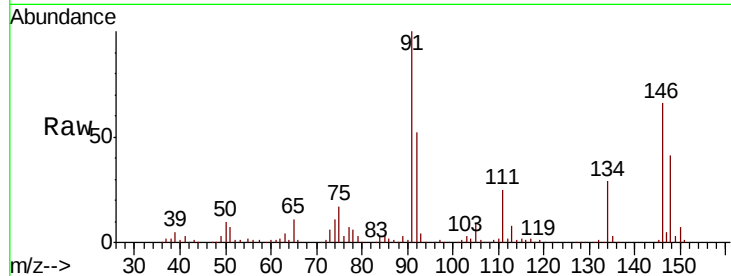
#91
 1,2-Dichlorobenzene
 Concen: 19.923 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003795.D
 Acq: 01 Aug 2018 15:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0801SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.4	58.4
148	63.7	32.0	96.0

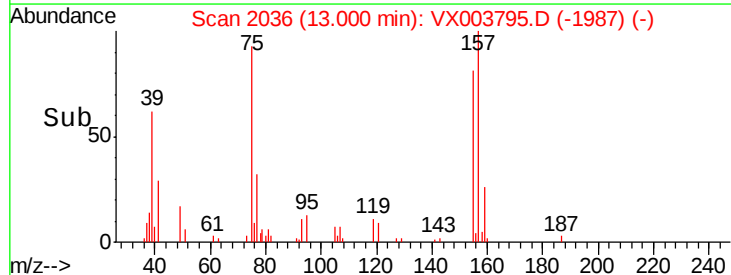
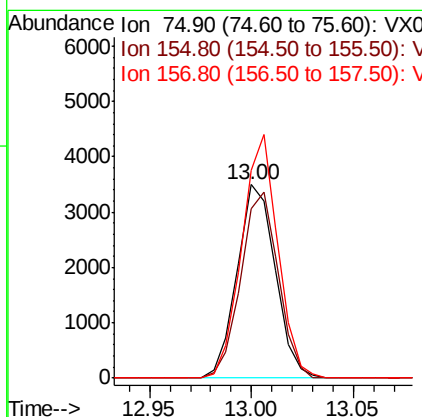
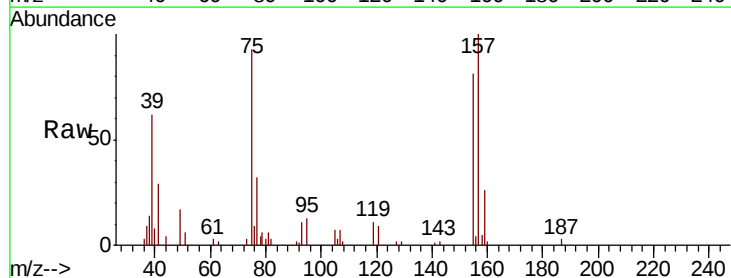
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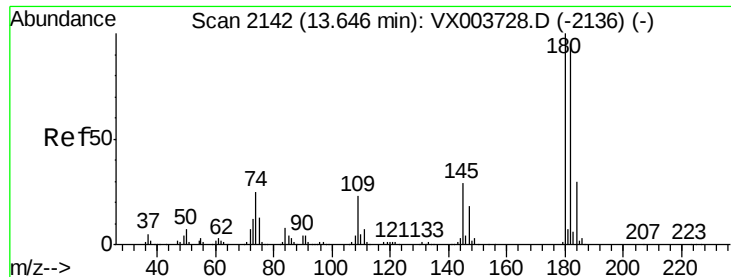
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.618 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VX003795.D
 Acq: 01 Aug 2018 15:52

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.2	48.9	146.7
157	118.6	63.7	191.1





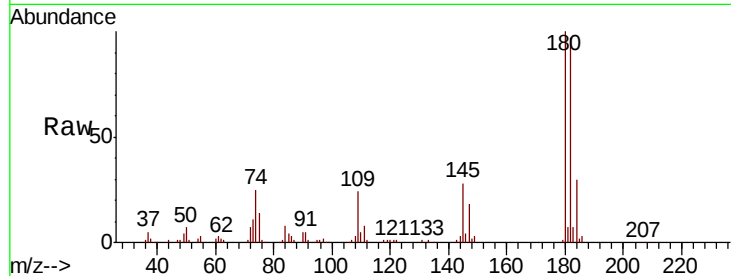
#93
 1,2,4-Trichlorobenzene
 Concen: 19.592 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VX003795.D
 Acq: 01 Aug 2018 15:52

Instrument :
 MSVOA_X
 ClientSampled :
 VX0801SBSD01

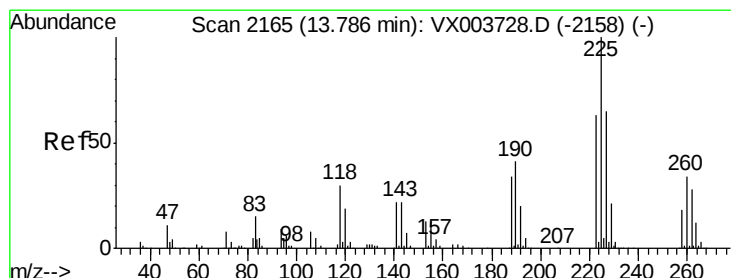
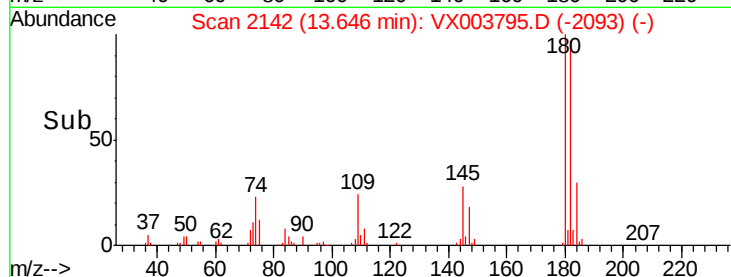
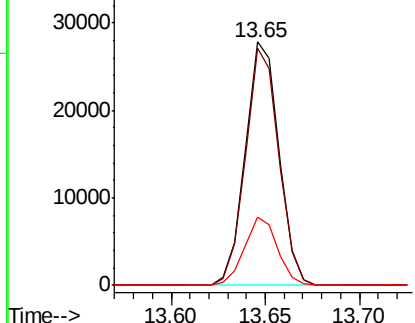
Tot Ion:	180	Resp:	34364
Ion Ratio	Lower	Upper	
180	100		
182	96.3	47.6	142.9
145	27.4	14.1	42.2

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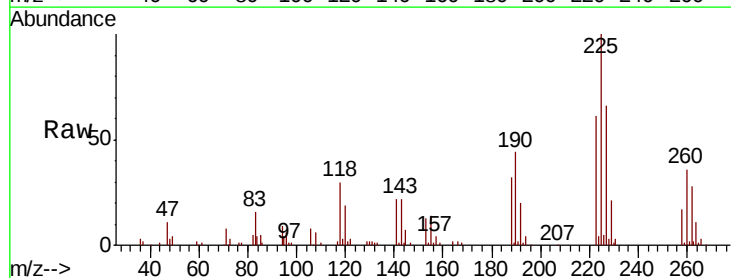


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

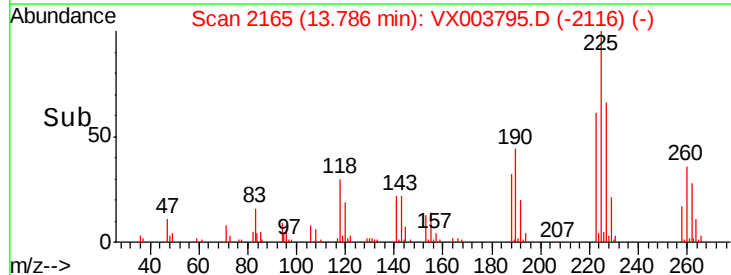
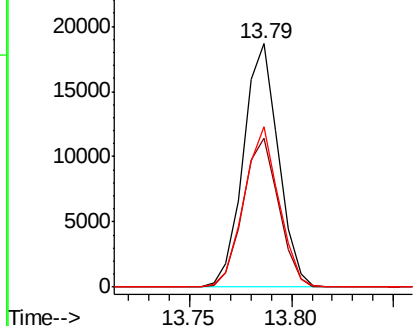


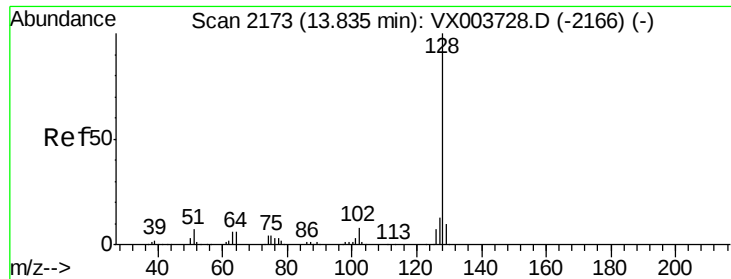
#94
 Hexachlorobutadiene
 Concen: 19.858 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003795.D
 Acq: 01 Aug 2018 15:52

Tgt Ion:	225	Resp:	22274
Ion Ratio	Lower	Upper	
225	100		
223	62.2	31.1	93.5
227	65.1	31.9	95.9



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 19.670 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX003795.D

Acq: 01 Aug 2018 15:52

Instrument :

MSVOA_X

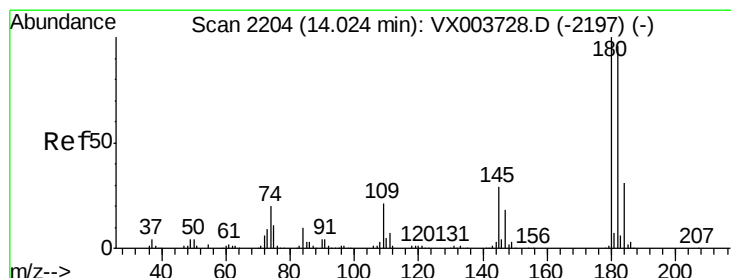
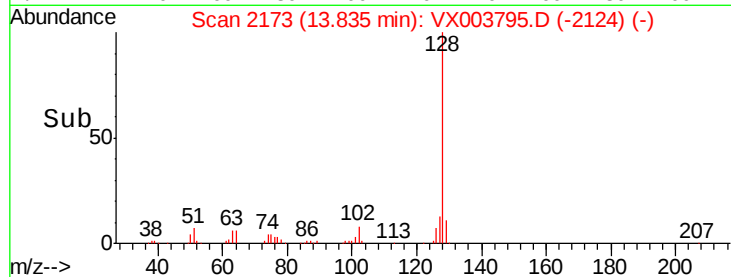
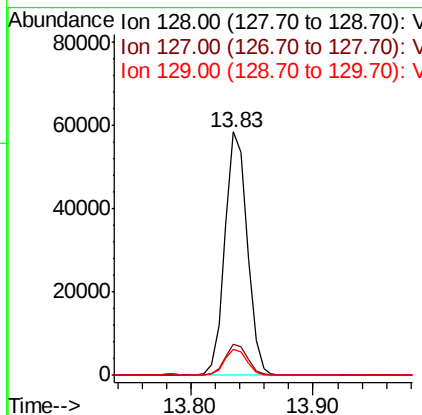
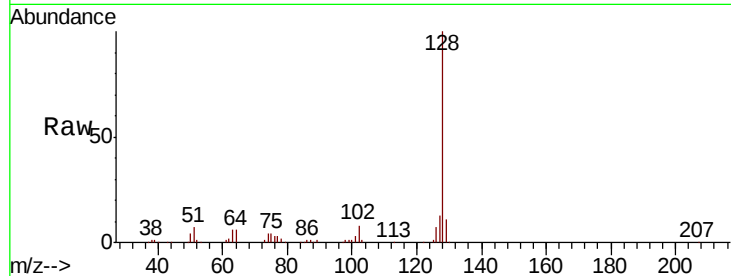
ClientSampled :

VX0801SBSD01

Tot Ion:	128	Resp:	73727
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.2	15.2
129	10.9	8.7	13.1

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#96

1,2,3-Trichlorobenzene

Concen: 19.718 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX003795.D

Acq: 01 Aug 2018 15:52

Tgt Ion:	180	Resp:	31394
Ion Ratio	Lower	Upper	
180	100		
182	95.5	47.9	143.8
145	29.7	14.7	44.1

