

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073118\
 Data File : VX003769.D
 Acq On : 01 Aug 2018 00:58
 Operator : JC/SP
 Sample : VX0731SBS02
 Misc : 5.00G/5.0mL/MSVOA X/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731SBS02

Manual Integrations
 APPROVED

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 8/1/2018 6:54:44 PM

Quant Time: Aug 01 06:59:16 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	5.67	168	98374	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	126872	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	97178	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	55092	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	40988	41.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.40%	
35) Dibromofluoromethane	5.50	113	36973	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	
50) Toluene-d8	8.71	98	168246	54.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.04%	
62) 4-Bromofluorobenzene	11.14	95	47057	40.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	18471	22.25	ug/l	99
3) Chloromethane	1.32	50	20748	19.88	ug/l	96
4) Vinyl Chloride	1.40	62	24693	21.99	ug/l #	89
5) Bromomethane	1.63	94	12647	19.45	ug/l	96
6) Chloroethane	1.70	64	14800	19.93	ug/l	97
7) Trichlorofluoromethane	1.92	101	30695	20.85	ug/l	98
8) Diethyl Ether	2.18	74	9974	17.93	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	20418	21.86	ug/l	99
10) Methyl Iodide	2.50	142	14911	13.89	ug/l	98
11) Tert butyl alcohol	3.08	59	17866	110.90	ug/l	98
12) 1,1-Dichloroethene	2.37	96	18060	20.54	ug/l	98
13) Acrolein	2.29	56	4635	87.94	ug/l	95
14) Allyl chloride	2.72	41	31684	20.33	ug/l	98
15) Acrylonitrile	3.15	53	42606	103.99	ug/l	98
16) Acetone	2.45	43	38873	102.29	ug/l	95
17) Carbon Disulfide	2.56	76	53838	18.82	ug/l	99
18) Methyl Acetate	2.78	43	23564	22.06	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	44232	18.48	ug/l	99
20) Methylene Chloride	2.85	84	20391	18.36	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	19996	20.75	ug/l	95
22) Diisopropyl ether	3.87	45	52230	18.56	ug/l	99
23) Vinyl Acetate	3.82	43	164037	80.83	ug/l	99
24) 1,1-Dichloroethane	3.70	63	32935	20.07	ug/l	96
25) 2-Butanone	4.70	43	56342	101.70	ug/l	96
26) 2,2-Dichloropropane	4.58	77	23864	18.47	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	19740	19.01	ug/l	96
28) Bromochloromethane	5.02	49	12595	17.11	ug/l	96
29) Tetrahydrofuran	5.16	42	35596	100.82	ug/l	99
30) Chloroform	5.21	83	30328	18.76	ug/l	96
31) Cyclohexane	5.58	56	34263	21.62	ug/l #	83
32) 1,1,1-Trichloroethane	5.49	97	29112	20.95	ug/l	99
36) 1,1-Dichloropropene	5.81	75	27411	23.07	ug/l	99
37) Ethyl Acetate	4.85	43	19185	21.02	ug/l	96
38) Carbon Tetrachloride	5.78	117	24519	22.31	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	34966	23.97	ug/l	98
40) Benzene	6.15	78	70208	20.62	ug/l	97
41) Methacrylonitrile	5.06	41	10807	21.01	ug/l	97
42) 1,2-Dichloroethane	6.20	62	19918	19.37	ug/l	98
43) Isopropyl Acetate	6.46	43	27697	19.05	ug/l	100
44) Trichloroethene	7.22	130	20706	21.32	ug/l	85
45) 1,2-Dichloropropane	7.52	63	16512	19.72	ug/l	96
46) Dibromomethane	7.67	93	8459	17.53	ug/l	97
47) Bromodichloromethane	7.90	83	18079	18.80	ug/l	98
48) Methyl methacrylate	7.77	41	13793	18.91	ug/l	97
49) 1,4-Dioxane	7.76	88	7732	525.19	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	90559	101.33	ug/l	99
52) Toluene	8.79	92	44475	20.94	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	19526	17.78	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	21542	17.60	ug/l	95
55) 1,1,2-Trichloroethane	9.22	97	13777	18.85	ug/l	91
56) Ethyl methacrylate	9.18	69	18462	18.39	ug/l	98
57) 1,3-Dichloropropane	9.37	76	22136	18.04	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	38950	84.15	ug/l	99
59) 2-Hexanone	9.50	43	69052	101.42	ug/l	97
60) Dibromochloromethane	9.59	129	12020	16.33	ug/l	100
61) 1,2-Dibromoethane	9.67	107	12308	16.49	ug/l	98
64) Tetrachloroethene	9.34	164	21846	28.60	ug/l	97
65) Chlorobenzene	10.14	112	41759	20.56	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	12707	19.19	ug/l	99
67) Ethyl Benzene	10.26	91	75683	22.07	ug/l	98
68) m/p-Xylenes	10.36	106	57832	43.12	ug/l	96
69) o-Xylene	10.70	106	26352	21.16	ug/l	97
70) Styrene	10.71	104	42556	20.31	ug/l	98
71) Bromoform	10.86	173	7546	16.57	ug/l #	100
73) Isopropylbenzene	11.02	105	77720	22.53	ug/l	99
74) N-amyl acetate	6.46	43	27697	22.66	ug/l #	56
75) 1,1,2,2-Tetrachloroethane	11.27	83	18518	20.65	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	16709m	22.00	ug/l	
77) Bromobenzene	11.26	156	19951	22.19	ug/l	96
78) n-propylbenzene	11.36	91	101507	24.29	ug/l	99
79) 2-Chlorotoluene	11.42	91	53542	22.57	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	66834	22.70	ug/l #	70
81) trans-1,4-Dichloro-2-buten	11.08	75	4014	15.66	ug/l	87
82) 4-Chlorotoluene	11.51	91	62164	21.60	ug/l	98
83) tert-Butylbenzene	11.77	119	65991	22.66	ug/l	94
84) 1,2,4-Trimethylbenzene	11.81	105	66751	22.03	ug/l	98
85) sec-Butylbenzene	11.94	105	91618	24.59	ug/l	99
86) p-Isopropyltoluene	12.07	119	82931	24.49	ug/l #	71
87) 1,3-Dichlorobenzene	12.03	146	40028	22.01	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	37828	20.38	ug/l	98
89) n-Butylbenzene	12.39	91	77745	24.13	ug/l	99
90) Hexachloroethane	12.60	117	11182	22.24	ug/l	91
91) 1,2-Dichlorobenzene	12.40	146	33421	19.73	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	3844	21.61	ug/l	91

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ClientSampleId :
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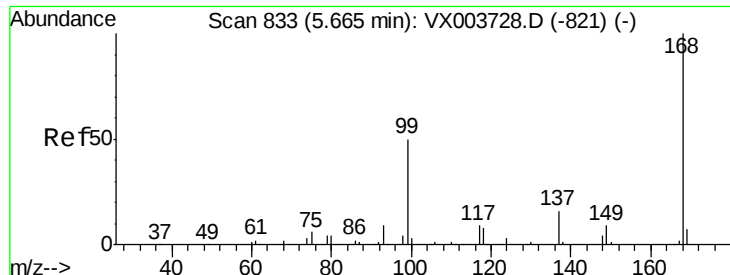
Manual Integrations
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8/1/2018 6:54:44 PM

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	29485	21.94	ug/l	100
94) Hexachlorobutadiene	13.79	225	22893	26.64	ug/l	99
95) Naphthalene	13.83	128	71459	24.89	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	23763	19.48	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003769.D

Acq: 01 Aug 2018 00:58

Instrument :

MSVOA_X

ClientSampleId :

VX0731SBS02

Tot Ion:168 Resp: 98374

Ion Ratio Lower Upper

168 100

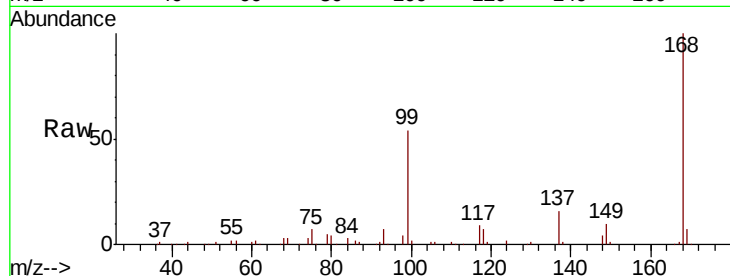
99 53.8 40.2 60.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

40000

30000

20000

10000

0

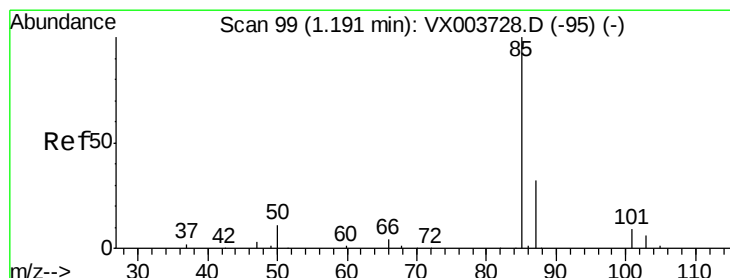
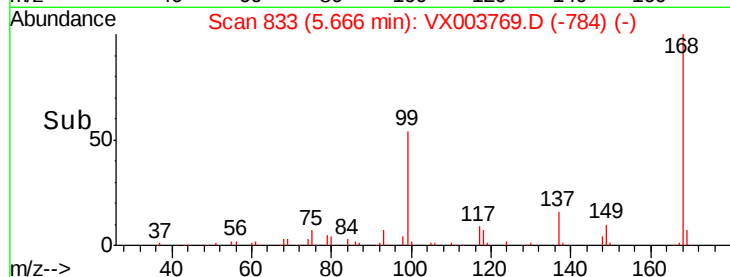
Time-->

5.50

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: 22.25 ug/l

RT: 1.19 min Scan# 99

Delta R.T. 0.00 min

Lab File: VX003769.D

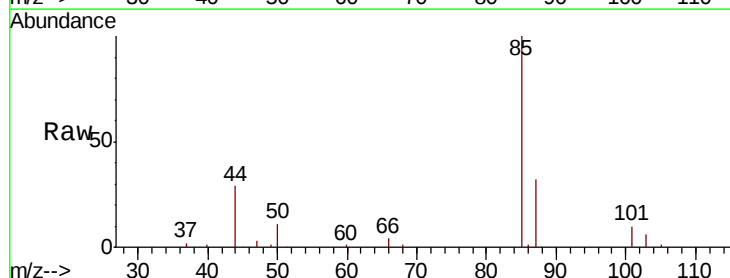
Acq: 01 Aug 2018 00:58

Tgt Ion: 85 Resp: 18471

Ion Ratio Lower Upper

85 100

87 31.8 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

15000

10000

5000

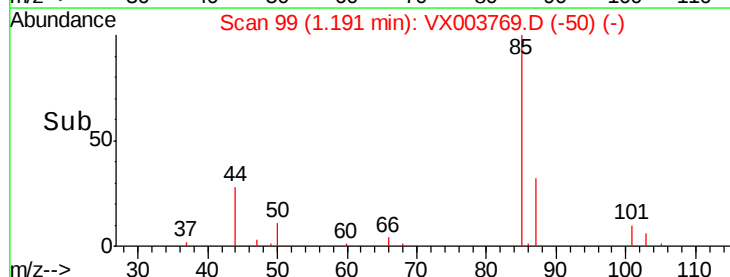
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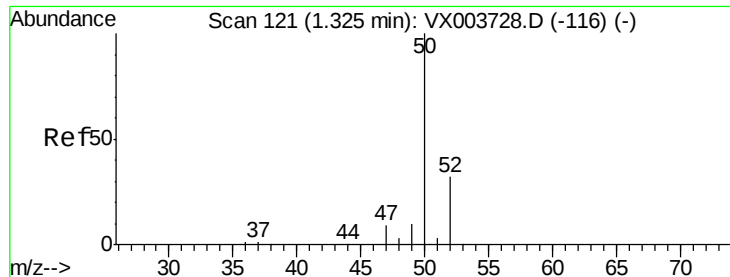
Time-->

1.15

1.20

1.25





#3

Chloromethane

Concen: 19.88 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003769.D

Acq: 01 Aug 2018 00:58

Instrument :

MSVOA_X

ClientSampleId :

VX0731SBSD02

Tot Ion: 50 Resp: 20748

Ion Ratio Lower Upper

50 100

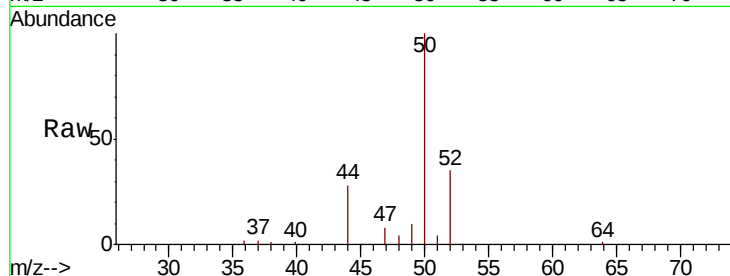
52 34.8 25.9 38.9

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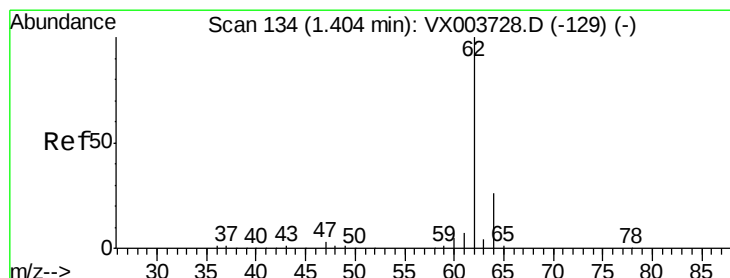
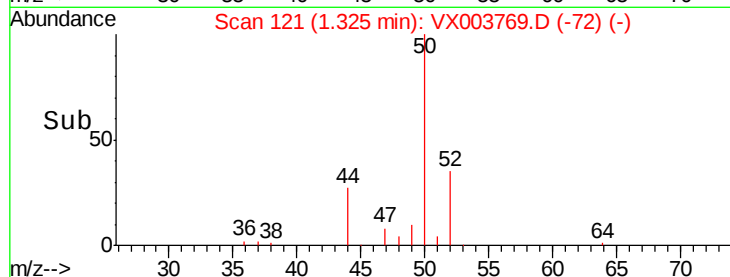
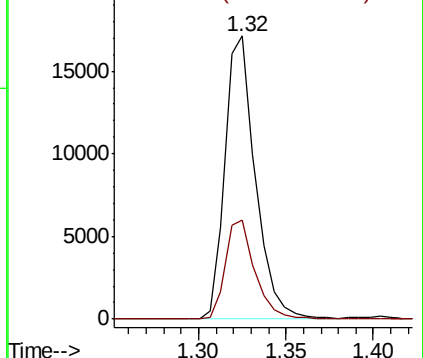
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 21.99 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003769.D

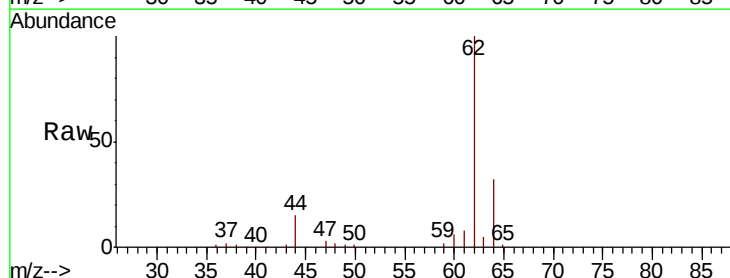
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Tgt Ion: 62 Resp: 24693

Ion Ratio Lower Upper

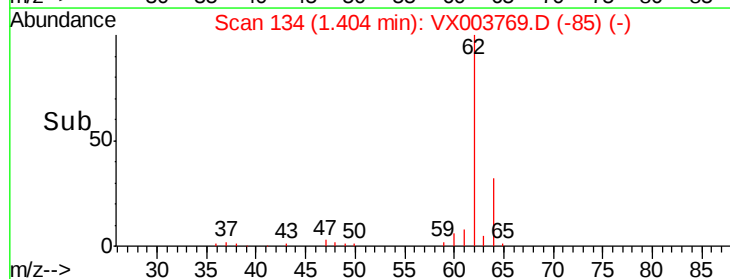
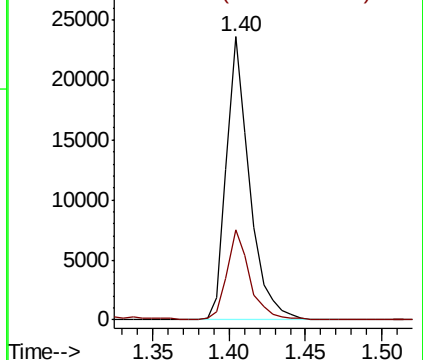
62 100

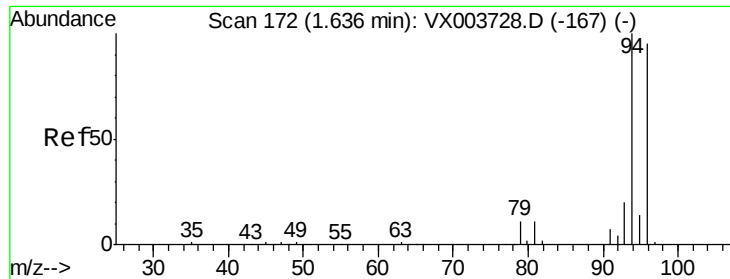
64 31.6 21.0 31.4#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 19.45 ug/l

RT: 1.63 min Scan# 171

Delta R.T. -0.01 min

Lab File: VX003769.D

Acq: 01 Aug 2018 00:58

Instrument :

MSVOA_X

ClientSampleId :

VX0731SBS02

Tot Ion: 94 Resp: 12647

Ion Ratio Lower Upper

94 100

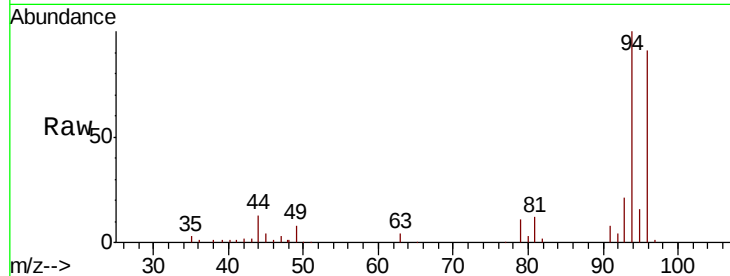
96 90.9 76.0 114.0

Manual Integrations

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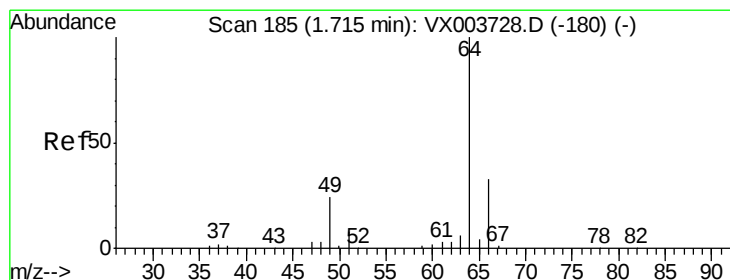
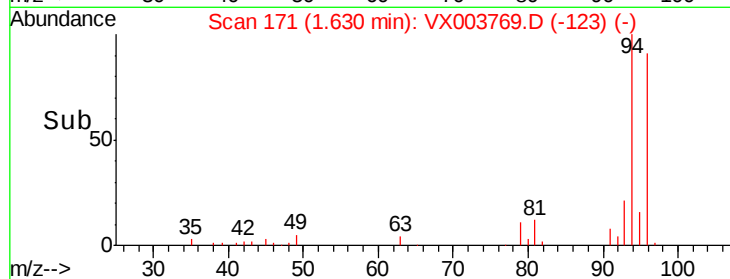
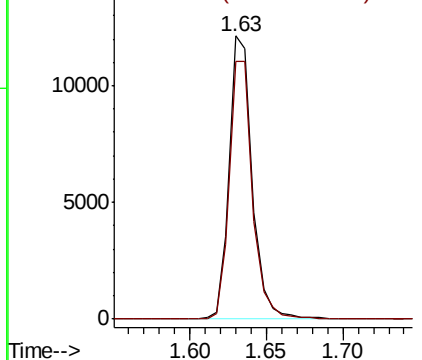
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.93 ug/l

RT: 1.70 min Scan# 183

Delta R.T. -0.01 min

Lab File: VX003769.D

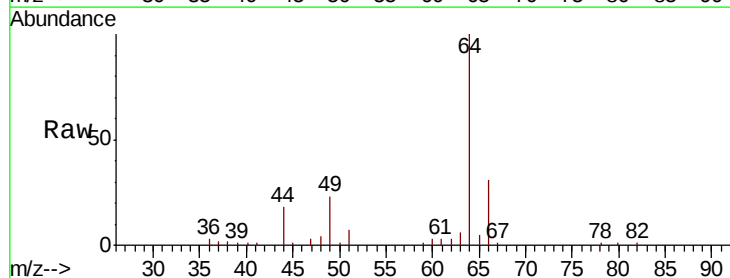
Acq: 01 Aug 2018 00:58

Tgt Ion: 64 Resp: 14800

Ion Ratio Lower Upper

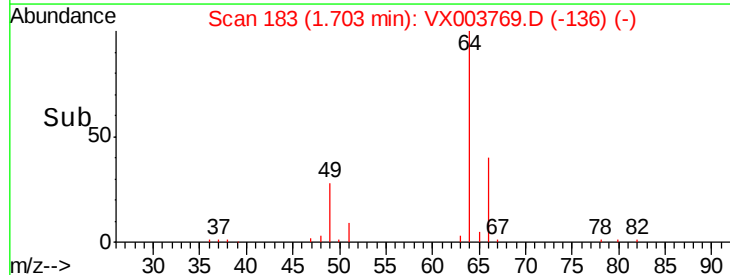
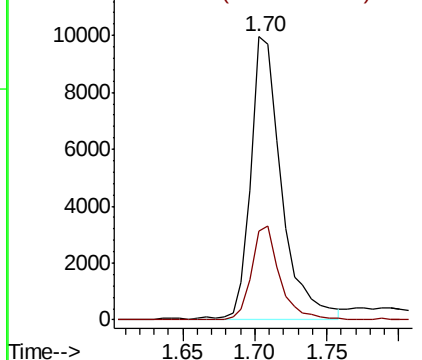
64 100

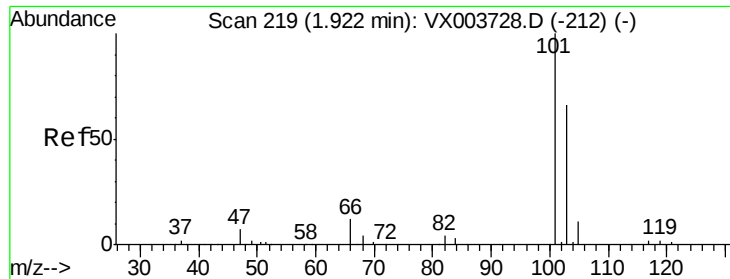
66 31.4 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

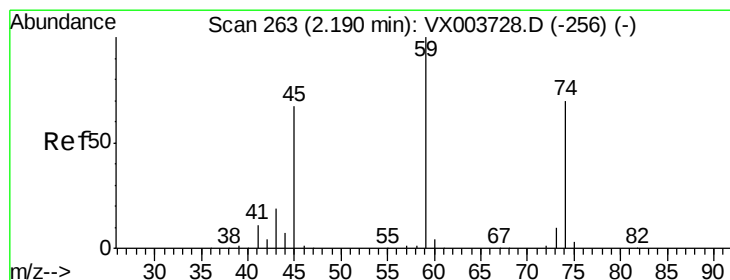
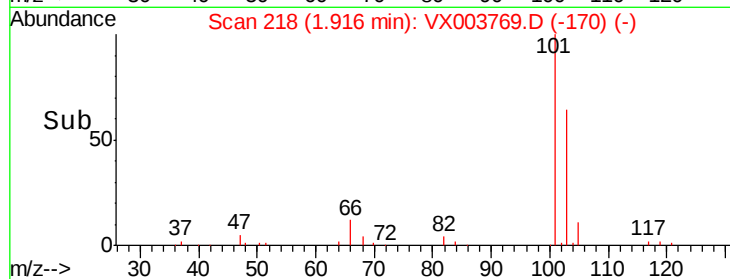
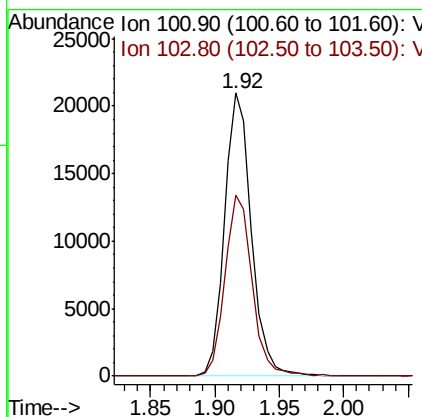
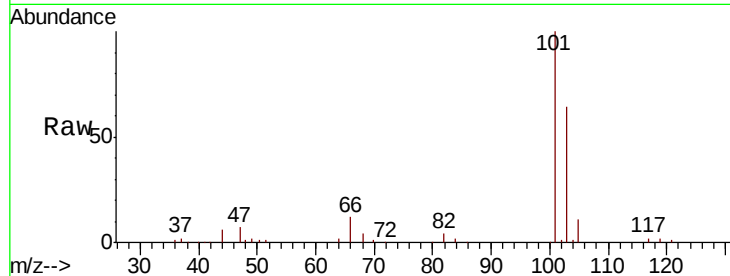
Trichlorofluoromethane
 Concen: 20.85 ug/l
 RT: 1.92 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: VX003769.D
 Acq: 01 Aug 2018 00:58

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 VX0731SBS02

Tot Ion:101 Resp: 30695
 Ion Ratio Lower Upper
 101 100
 103 64.0 52.6 78.8

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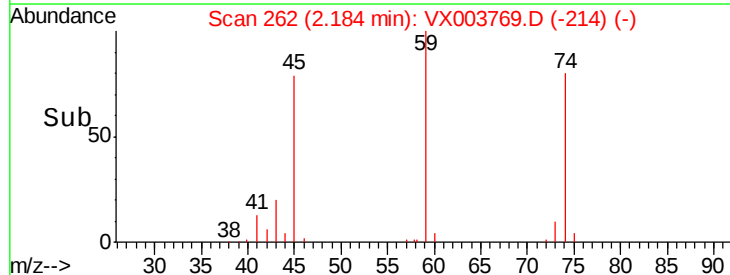
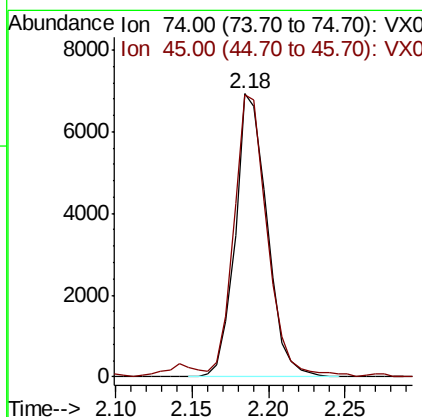
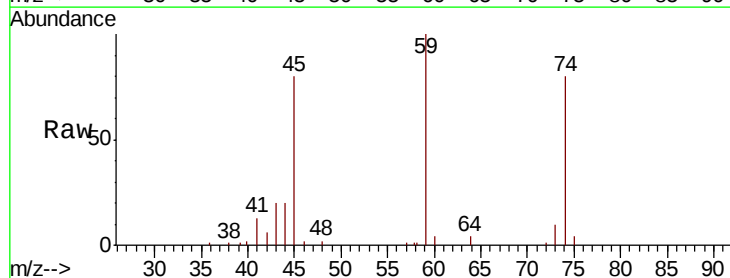
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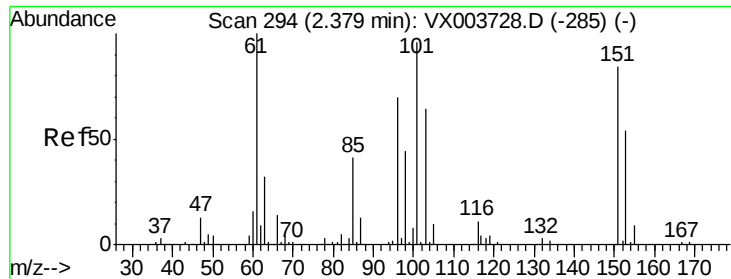


#8

Diethyl Ether
 Concen: 17.93 ug/l
 RT: 2.18 min Scan# 262
 Delta R.T. -0.01 min
 Lab File: VX003769.D
 Acq: 01 Aug 2018 00:58

Tgt Ion: 74 Resp: 9974
 Ion Ratio Lower Upper
 74 100
 45 104.2 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.86 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.01 min

Lab File: VX003769.D

Acq: 01 Aug 2018 00:58

Instrument :

MSVOA_X

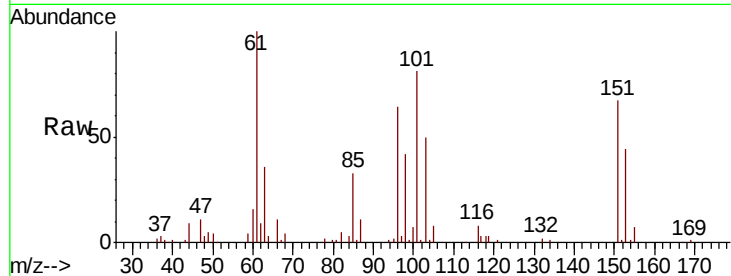
ClientSampleId :

VX0731SBS02

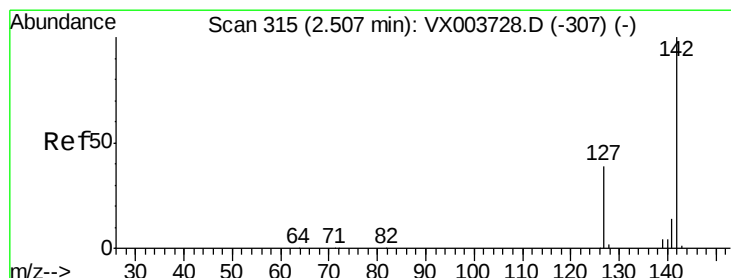
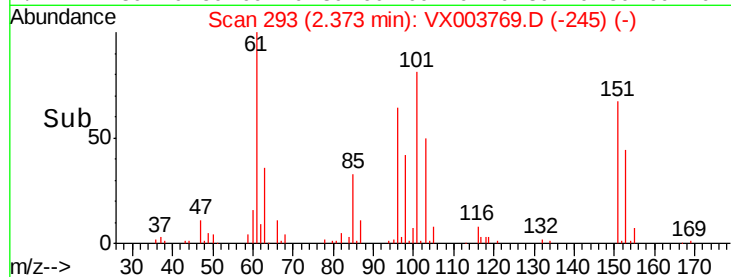
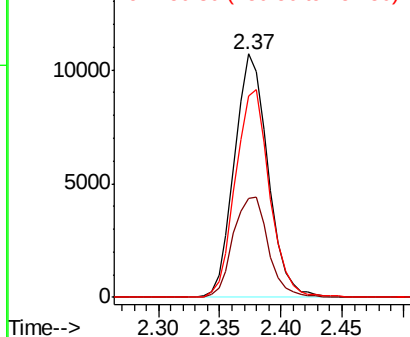
Tot Ion:	101	Resp:	20418
Ion Ratio	Lower	Upper	
101	100		
85	42.8	33.3	49.9
151	86.6	68.8	103.2

Manual Integrations
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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 13.89 ug/l

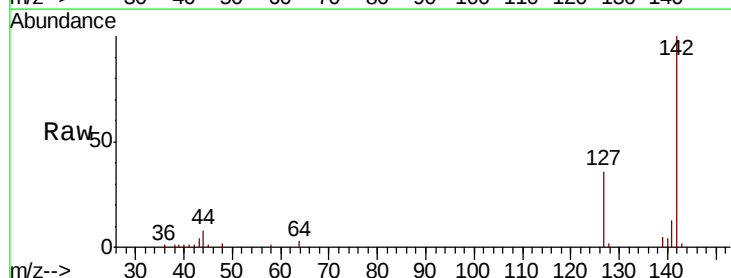
RT: 2.50 min Scan# 314

Delta R.T. -0.01 min

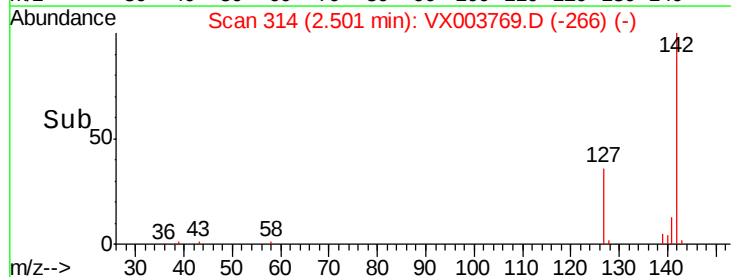
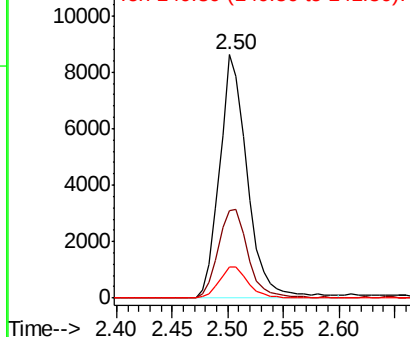
Lab File: VX003769.D

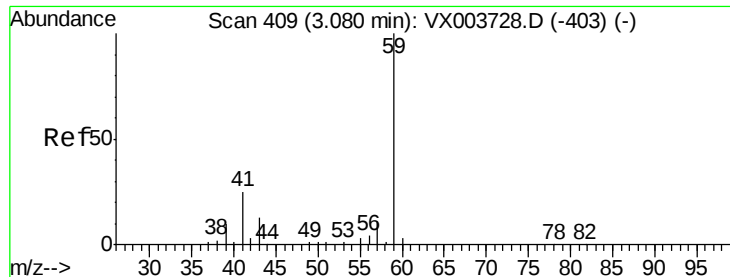
Acq: 01 Aug 2018 00:58

Tgt Ion:	142	Resp:	14911
Ion Ratio	Lower	Upper	
142	100		
127	39.0	32.0	48.0
141	13.3	11.3	16.9



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

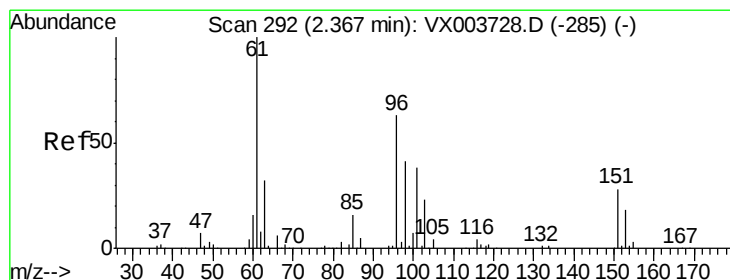
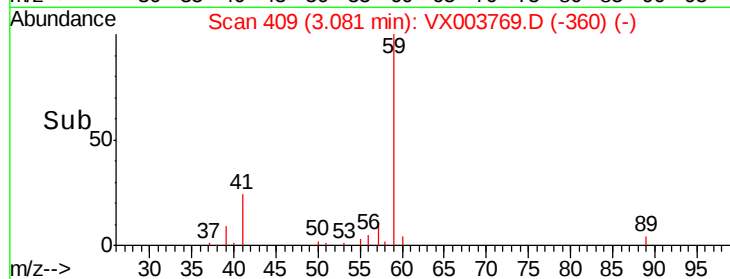
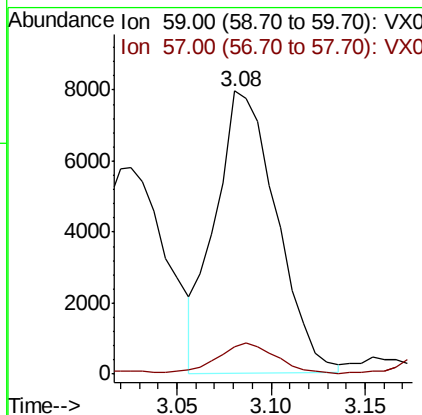
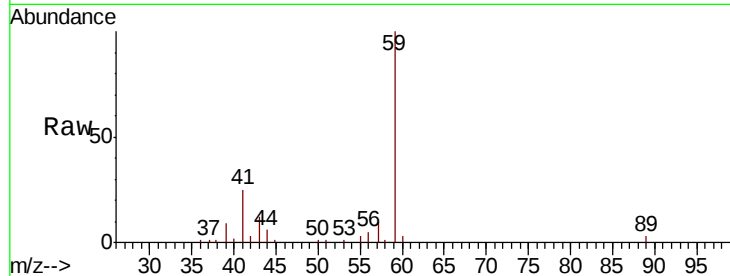
Tert butyl alcohol
Concen: 110.90 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX003769.D
Acq: 01 Aug 2018 00:58

Instrument :
MSVOA_X
ClientSampleId :
VX0731SBS02

Tot Ion	59.00	Resp	17866
Ion Ratio	100	Lower	Upper
57	10.9	8.1	12.1

Manual Integrations
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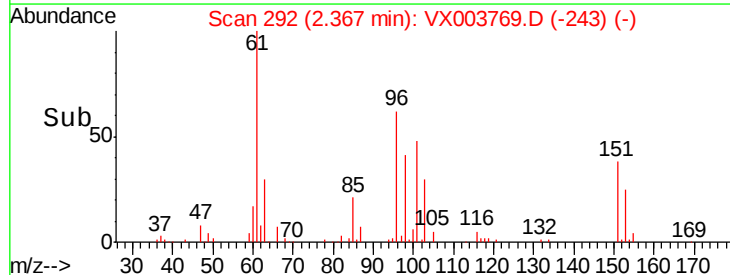
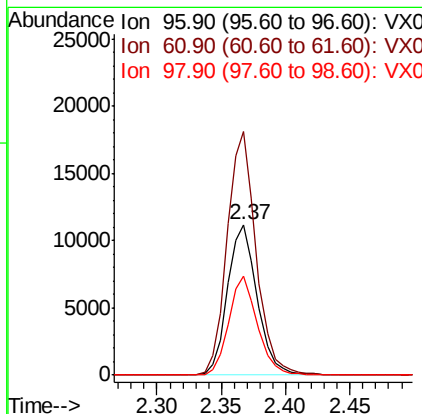
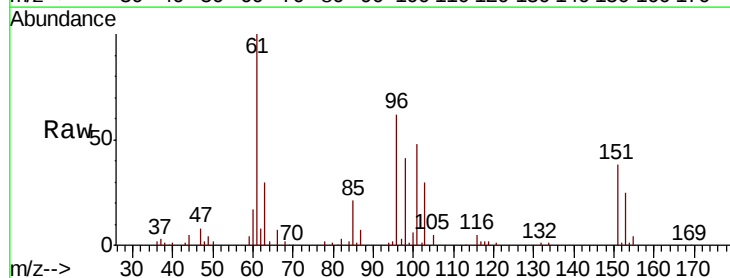
apatel
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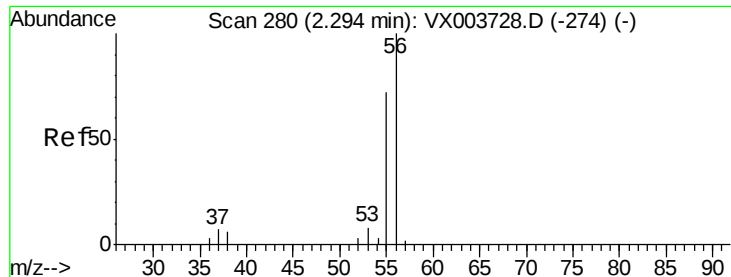


#12

1,1-Dichloroethene
Concen: 20.54 ug/l
RT: 2.37 min Scan# 292
Delta R.T. 0.00 min
Lab File: VX003769.D
Acq: 01 Aug 2018 00:58

Tgt Ion	96	Resp	18060
Ion Ratio	100	Lower	Upper
61	161.5	127.1	190.7
98	66.0	52.0	78.0





#13

Acrolein

Concen: 87.94 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003769.D

Acq: 01 Aug 2018 00:58

Instrument :

MSVOA_X

ClientSampleId :

VX0731SBS02

Tot Ion: 56 Resp: 4635

Ion Ratio Lower Upper

56 100

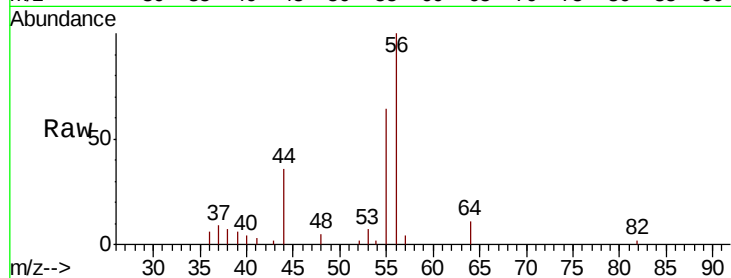
55 72.0 61.4 92.0

Manual Integrations

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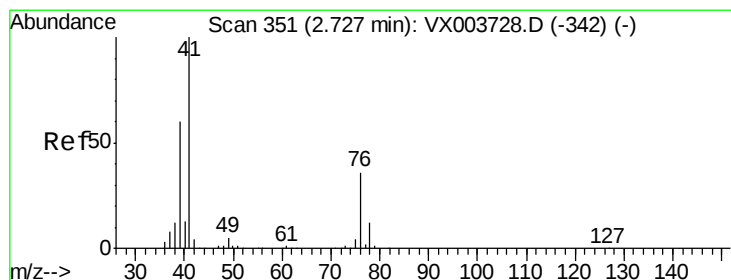
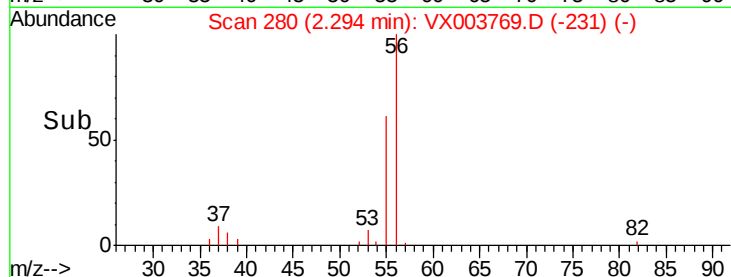
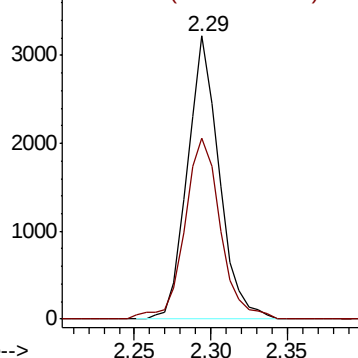
apatel

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 20.33 ug/l

RT: 2.72 min Scan# 350

Delta R.T. -0.01 min

Lab File: VX003769.D

Acq: 01 Aug 2018 00:58

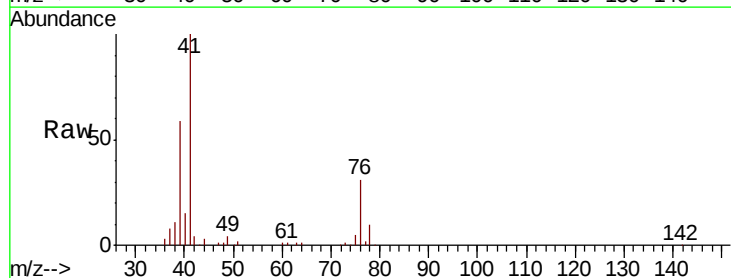
Tgt Ion: 41 Resp: 31684

Ion Ratio Lower Upper

41 100

39 59.2 47.7 71.5

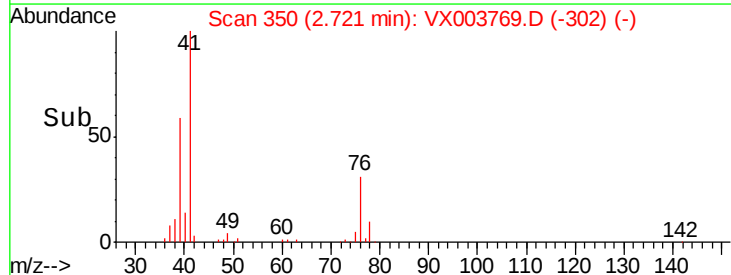
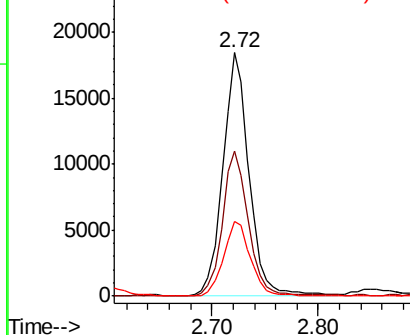
76 31.6 27.0 40.6

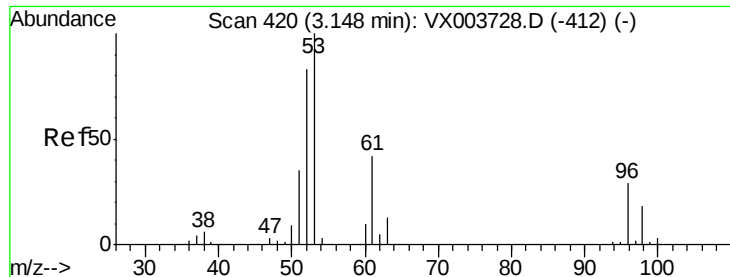


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 103.99 ug/l

RT: 3.15 min Scan# 420

Delta R.T. 0.00 min

Lab File: VX003769.D

Acq: 01 Aug 2018 00:58

Instrument :

MSVOA_X

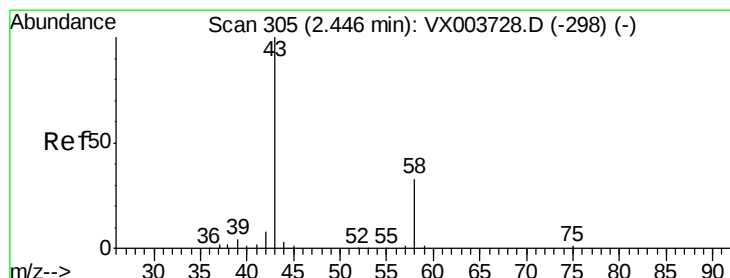
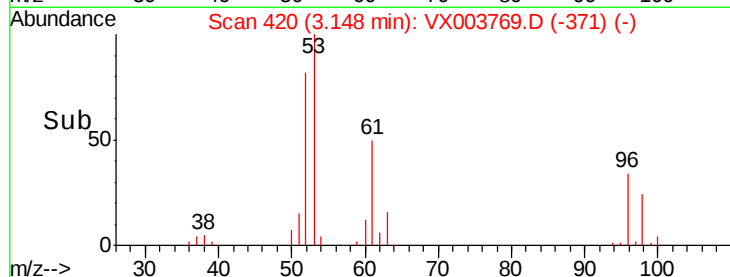
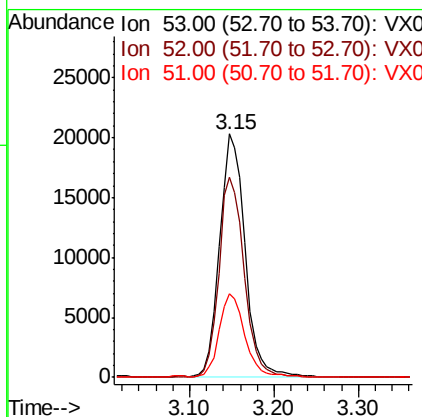
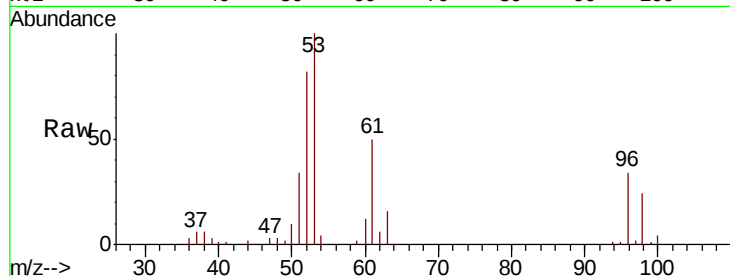
ClientSampleId :

VX0731SBS02

Tot Ion:	53	Resp:	42606
Ion	Ratio	Lower	Upper
53	100		
52	81.3	66.2	99.2
51	34.7	28.5	42.7

Manual Integrations
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#16

Acetone

Concen: 102.29 ug/l

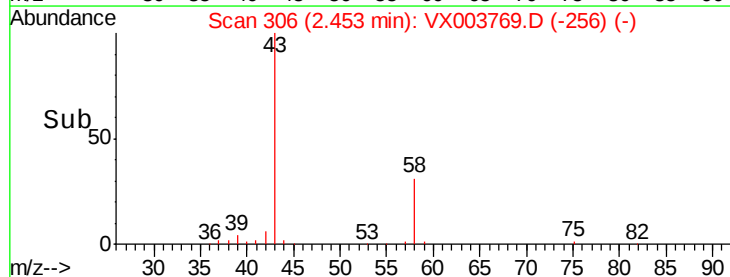
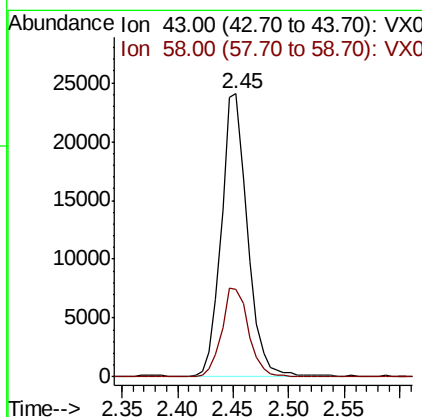
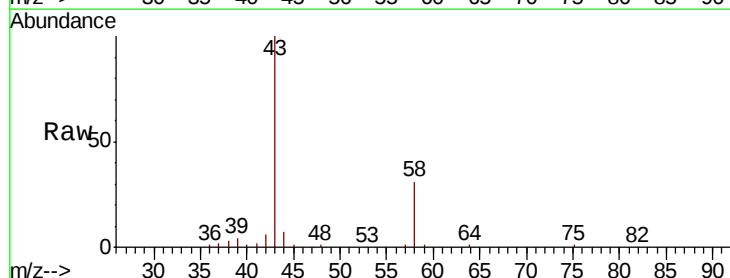
RT: 2.45 min Scan# 306

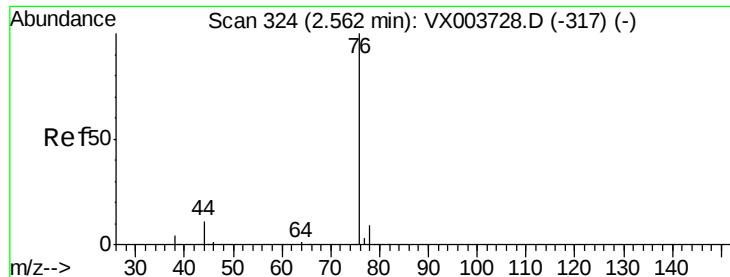
Delta R.T. 0.01 min

Lab File: VX003769.D

Acq: 01 Aug 2018 00:58

Tgt Ion:	43	Resp:	38873
Ion	Ratio	Lower	Upper
43	100		
58	30.8	26.7	40.1





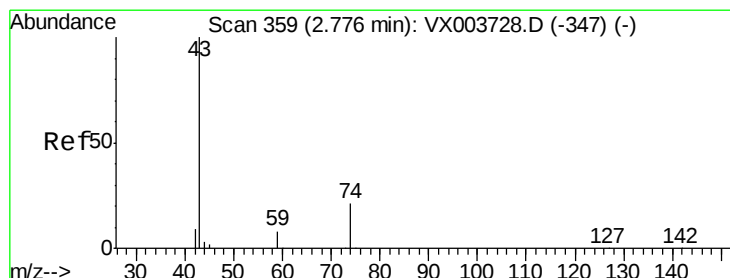
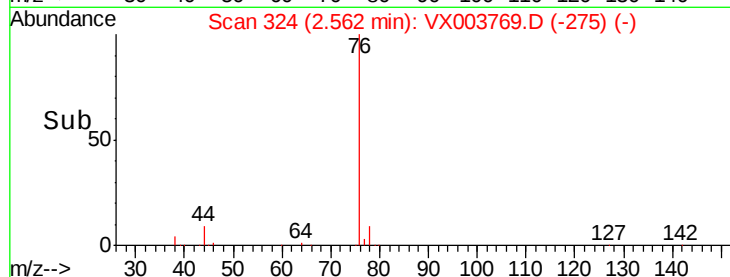
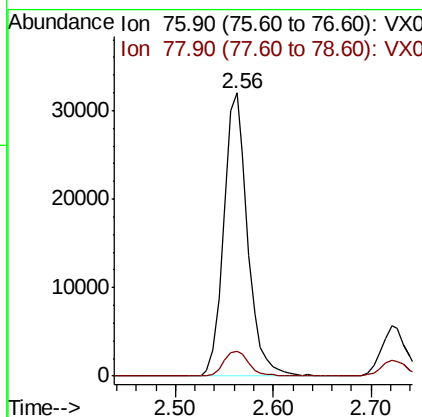
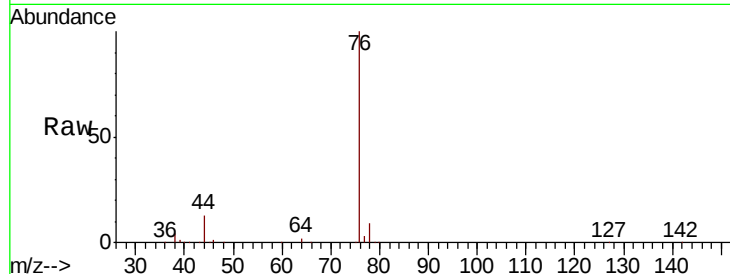
#17
Carbon Disulfide
Concen: 18.82 ug/l
RT: 2.56 min Scan# 324
Delta R.T. 0.00 min
Lab File: VX003769.D
Acq: 01 Aug 2018 00:58

Instrument :
MSVOA_X
ClientSampleId :
VX0731SBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.3	10.9

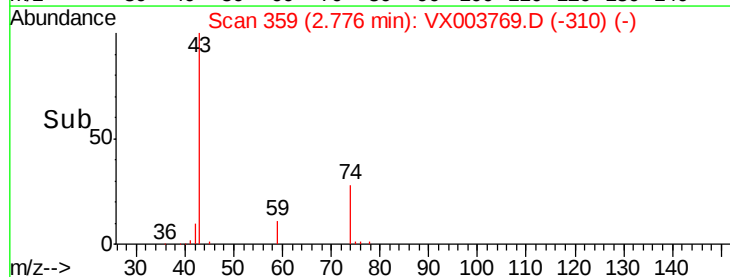
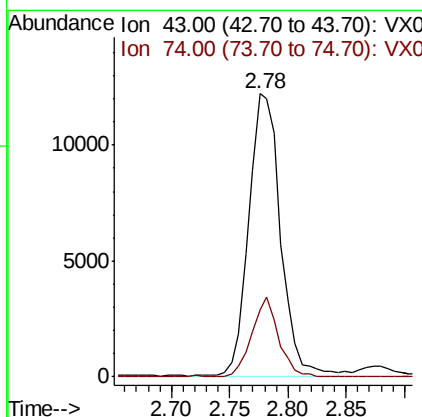
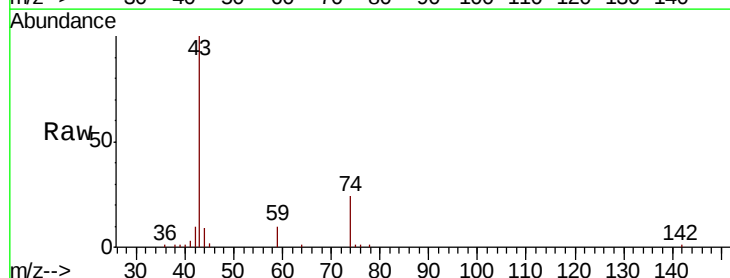
Manual Integrations
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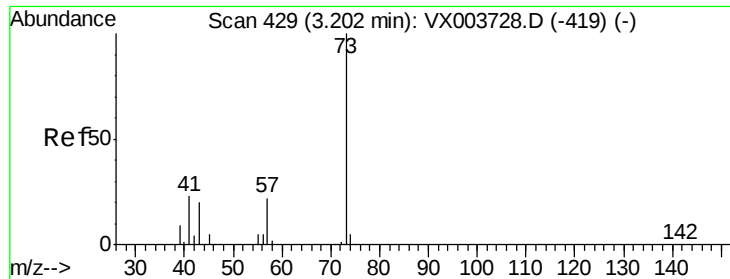
apatel
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#18
Methyl Acetate
Concen: 22.06 ug/l
RT: 2.78 min Scan# 359
Delta R.T. 0.00 min
Lab File: VX003769.D
Acq: 01 Aug 2018 00:58

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.3	18.9	28.3





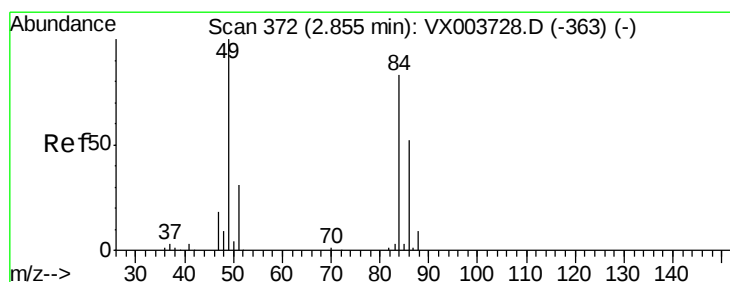
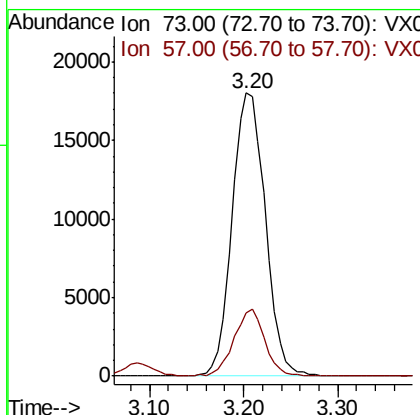
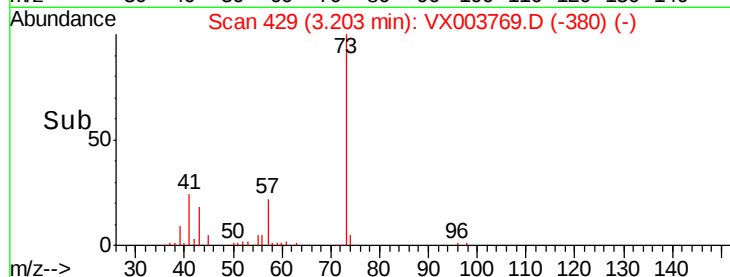
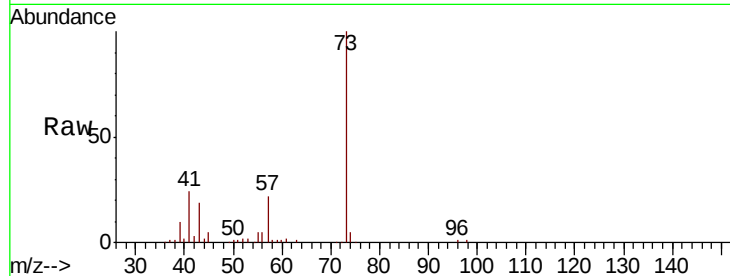
#19
Methyl tert-butyl Ether
Concen: 18.48 ug/l
RT: 3.20 min Scan# 429
Delta R.T. 0.00 min
Lab File: VX003769.D
Acq: 01 Aug 2018 00:58

Instrument :
MSVOA_X
ClientSampleId :
VX0731SBS02

Tot Ion	73	Resp	44232
Ion Ratio	Lower	Upper	
73	100		
57	22.2	18.0	27.0

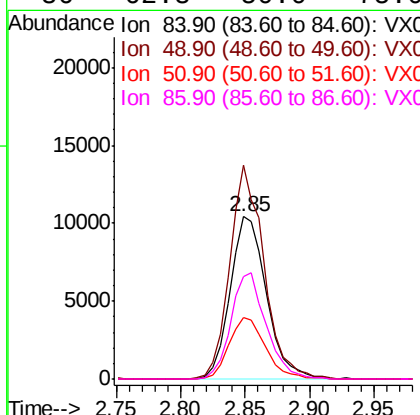
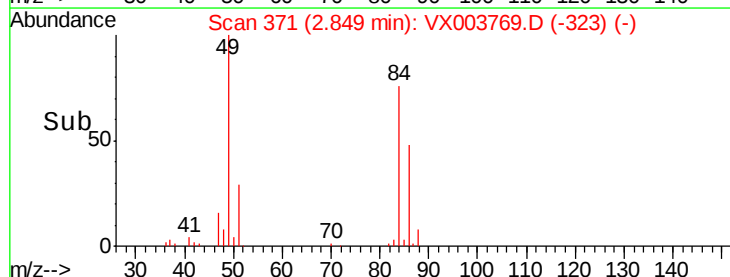
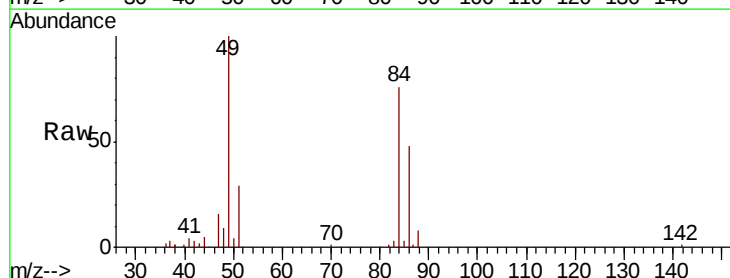
Manual Integrations
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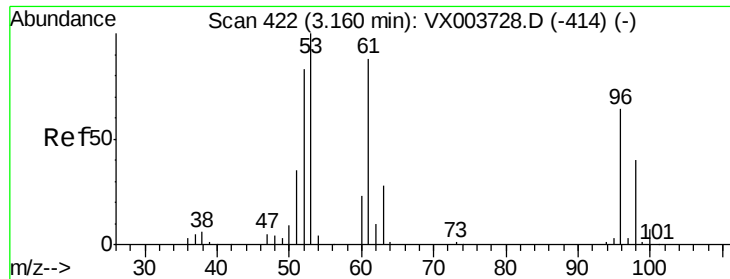
apatel
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#20
Methylene Chloride
Concen: 18.36 ug/l
RT: 2.85 min Scan# 371
Delta R.T. -0.01 min
Lab File: VX003769.D
Acq: 01 Aug 2018 00:58

Tgt Ion	84	Resp	20391
Ion Ratio	Lower	Upper	
84	100		
49	131.5	95.8	143.8
51	37.5	29.6	44.4
86	62.8	50.0	75.0





#21

trans-1,2-Dichloroethene

Concen: 20.75 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX003769.D

Acq: 01 Aug 2018 00:58

Instrument :

MSVOA_X

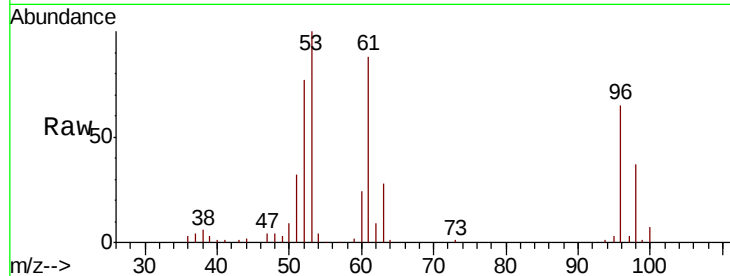
ClientSampleId :

VX0731SBS02

Tot Ion:	96	Resp:	19996
Ion	Ratio	Lower	Upper
96	100		
61	134.2	110.9	166.3
98	57.2	50.2	75.4

Manual Integrations
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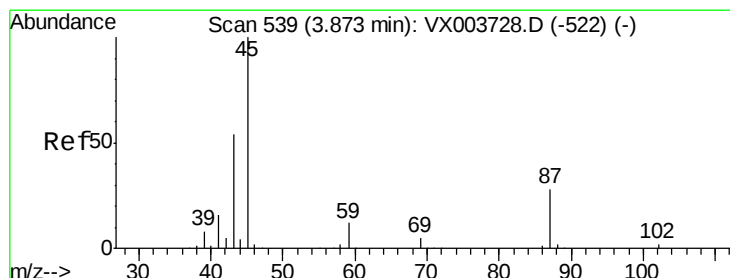
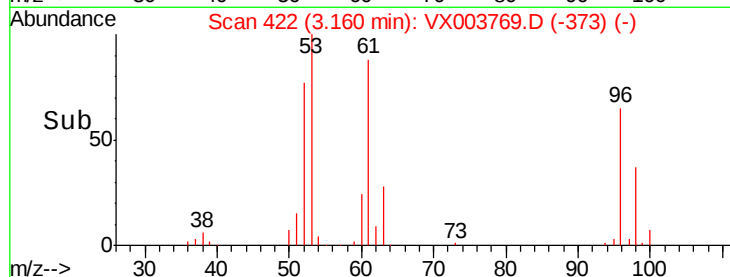
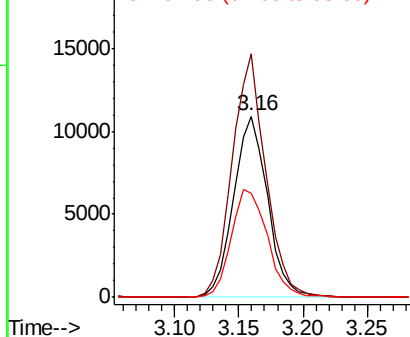


Abundance

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: 18.56 ug/l

RT: 3.87 min Scan# 538

Delta R.T. -0.01 min

Lab File: VX003769.D

Acq: 01 Aug 2018 00:58

Tgt Ion:	45	Resp:	52230
Ion	Ratio	Lower	Upper
45	100		
43	54.8	43.5	65.3
87	28.1	22.6	33.8
59	10.9	9.3	13.9

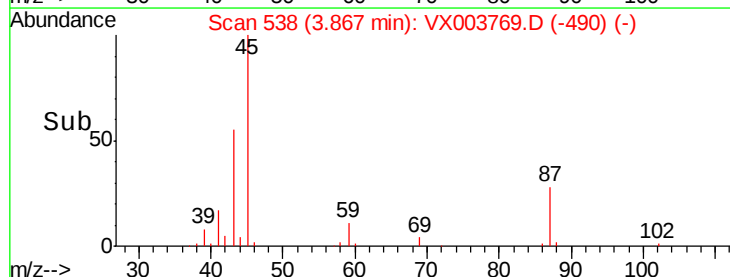
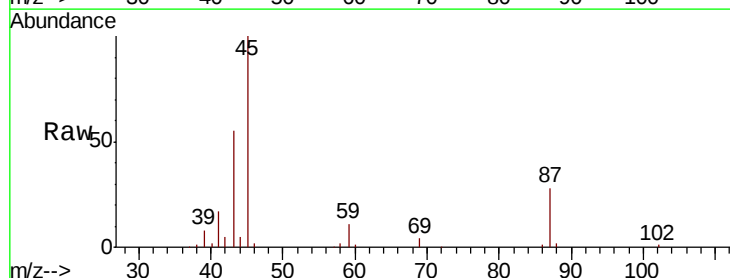
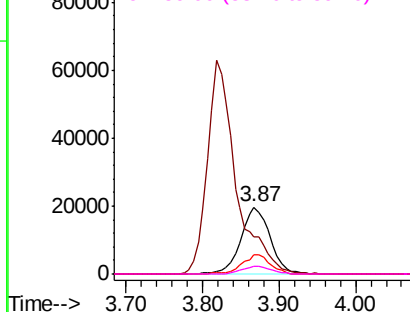
Abundance

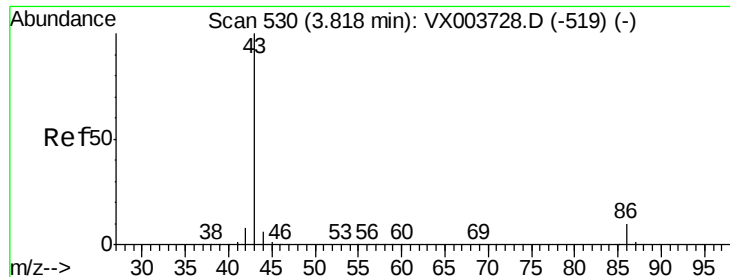
Ion 45.00 (44.70 to 45.70): VX0

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: 80.83 ug/l

RT: 3.82 min Scan# 530

Delta R.T. 0.00 min

Lab File: VX003769.D

Acq: 01 Aug 2018 00:58

Instrument :

MSVOA_X

ClientSampleId :

VX0731SBS02

Tot Ion: 43 Resp: 164037

Ion Ratio Lower Upper

43 100

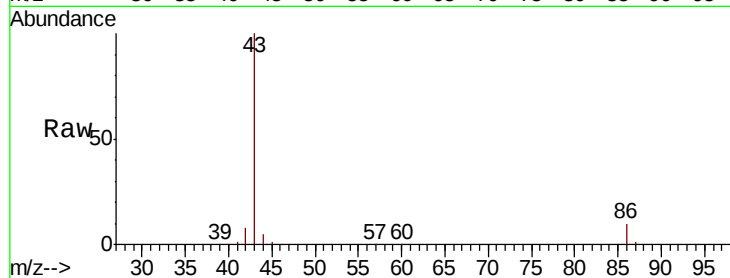
86 10.0 8.2 12.2

Manual Integrations

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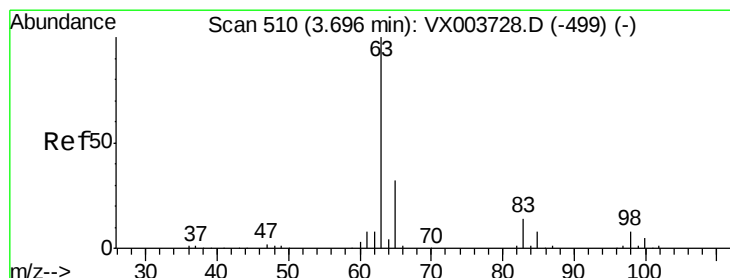
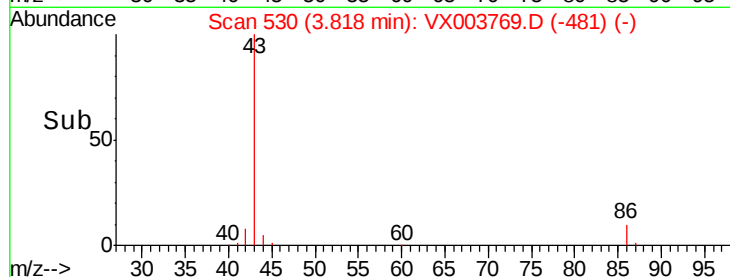
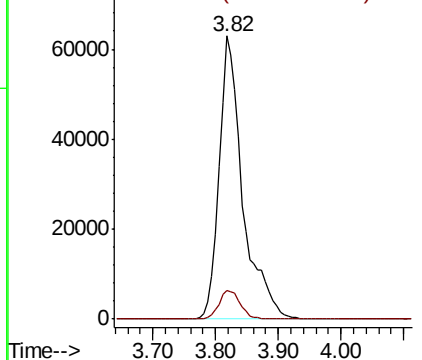
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 20.07 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003769.D

Acq: 01 Aug 2018 00:58

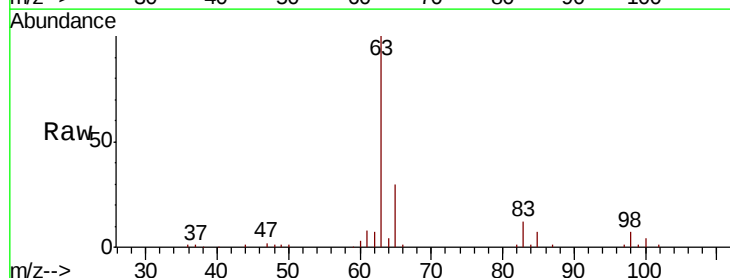
Tgt Ion: 63 Resp: 32935

Ion Ratio Lower Upper

63 100

98 6.5 4.0 12.0

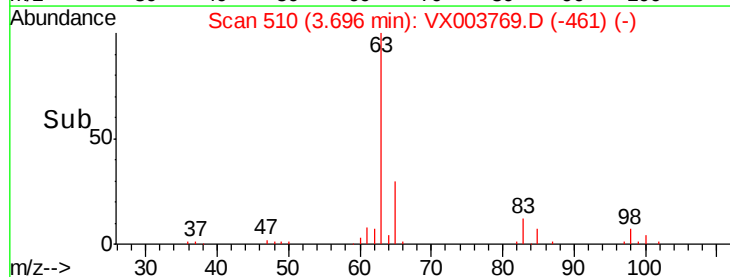
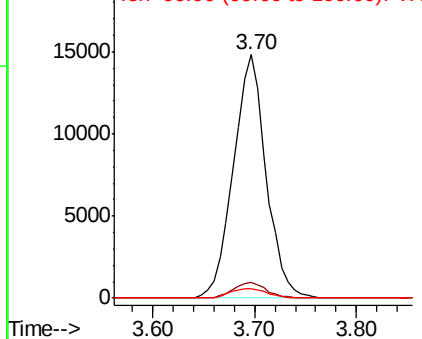
100 3.9 2.4 7.2

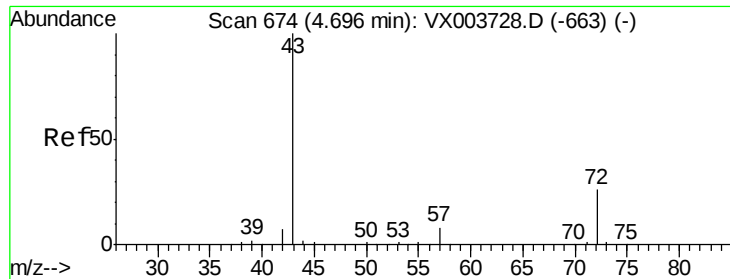


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 101.70 ug/l

RT: 4.70 min Scan# 675

Delta R.T. 0.01 min

Lab File: VX003769.D

Acq: 01 Aug 2018 00:58

Instrument :

MSVOA_X

ClientSampleId :

VX0731SBS02

Tot Ion: 43 Resp: 56342

Ion Ratio Lower Upper

43 100

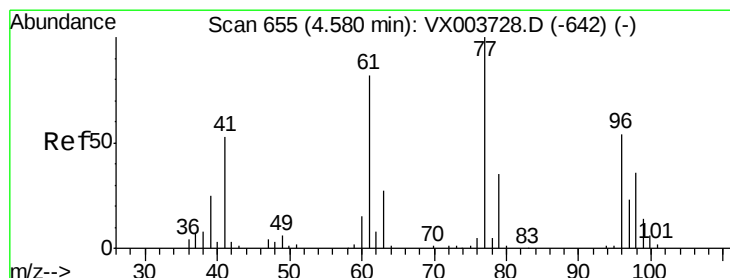
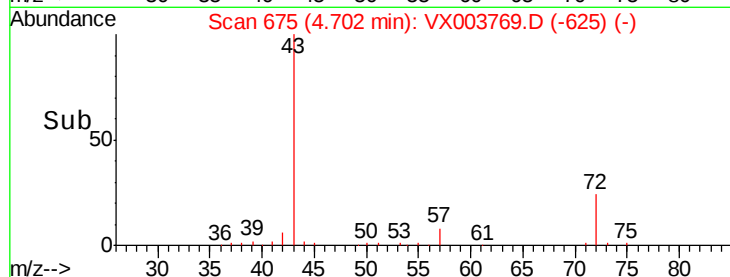
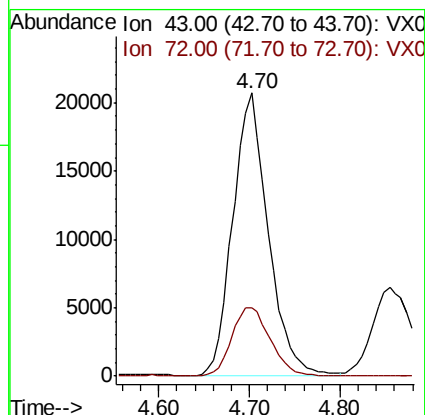
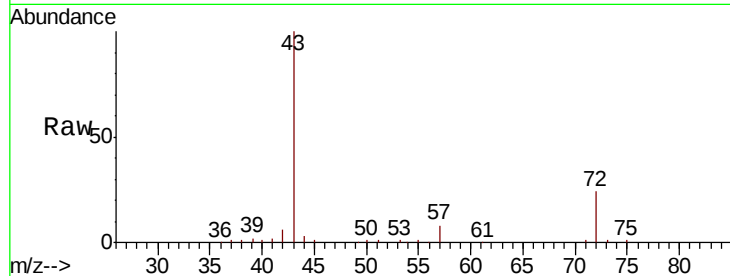
72 24.1 20.9 31.3

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#26

2,2-Dichloropropane

Concen: 18.47 ug/l

RT: 4.58 min Scan# 655

Delta R.T. 0.00 min

Lab File: VX003769.D

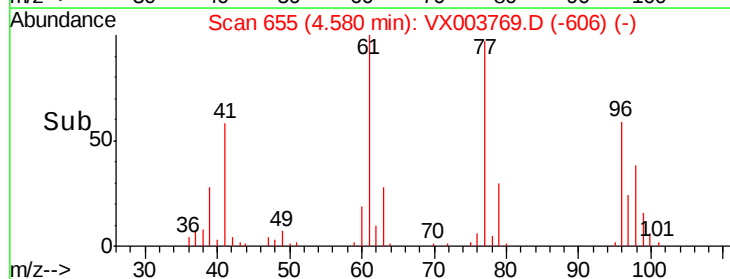
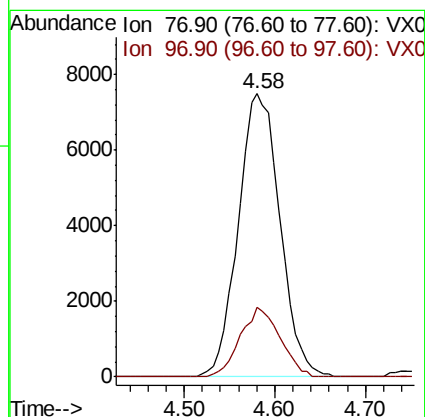
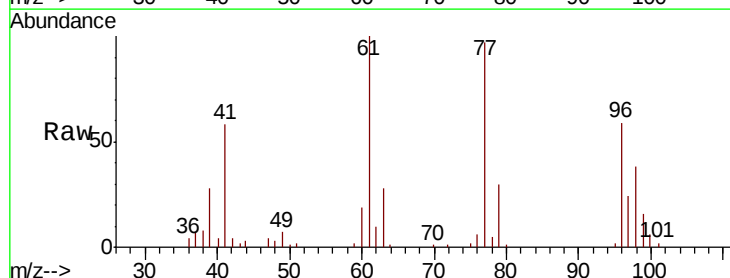
Acq: 01 Aug 2018 00:58

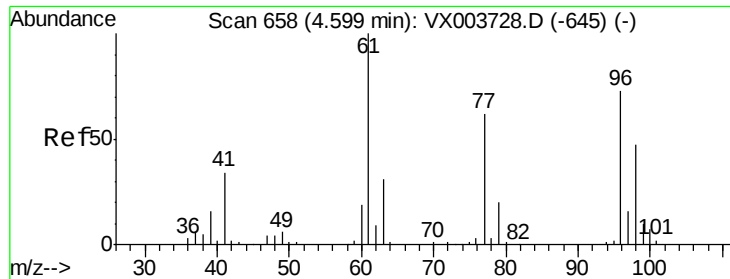
Tgt Ion: 77 Resp: 23864

Ion Ratio Lower Upper

77 100

97 23.4 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 19.01 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX003769.D

Acq: 01 Aug 2018 00:58

Instrument :

MSVOA_X

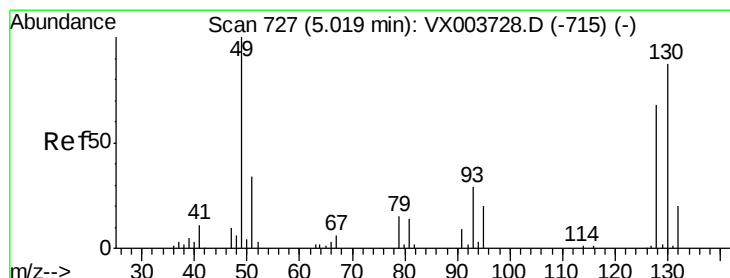
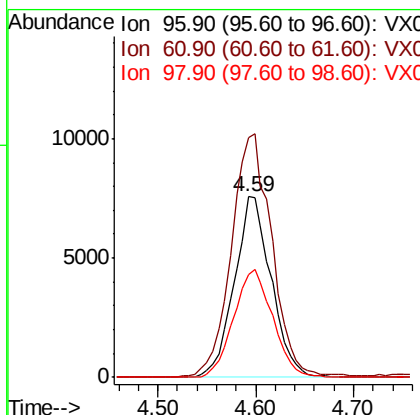
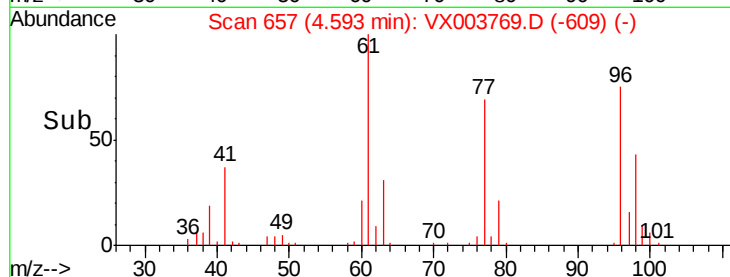
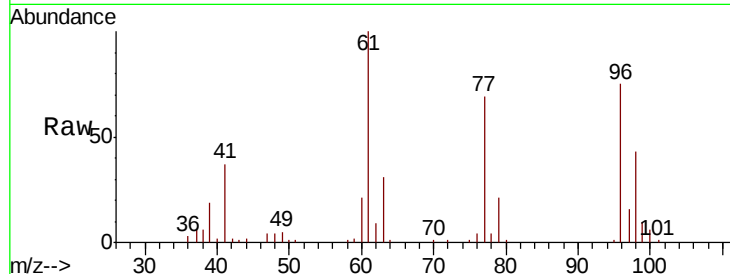
ClientSampleId :

VX0731SBS02

Tot Ion:	96	Resp:	19740
Ion	Ratio	Lower	Upper
96	100		
61	148.8	0.0	285.6
98	63.3	0.0	131.0

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#28

Bromochloromethane

Concen: 17.11 ug/l

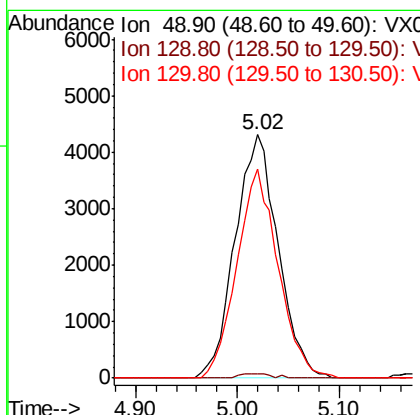
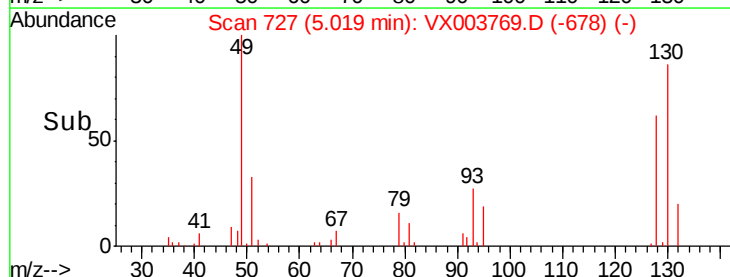
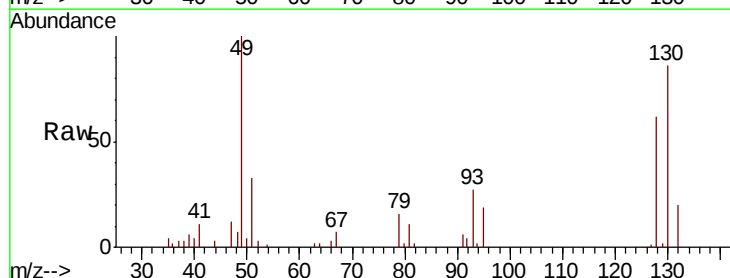
RT: 5.02 min Scan# 727

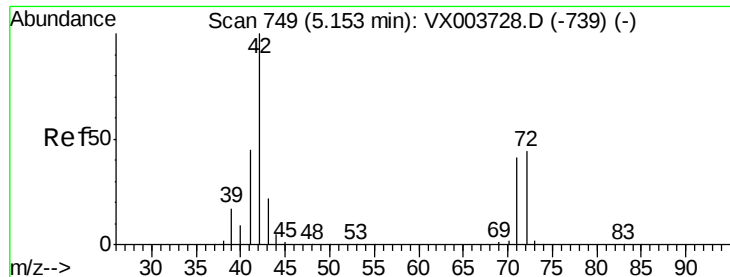
Delta R.T. 0.00 min

Lab File: VX003769.D

Acq: 01 Aug 2018 00:58

Tgt Ion:	49	Resp:	12595
Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	4.0
130	82.5	68.9	103.3





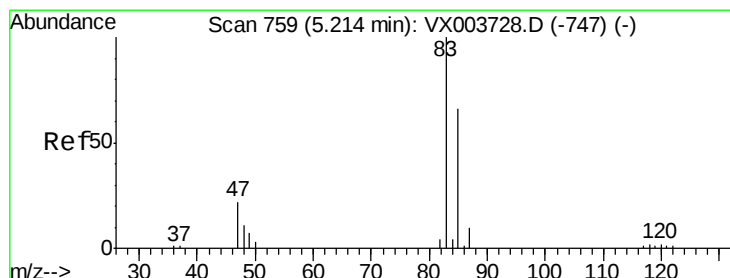
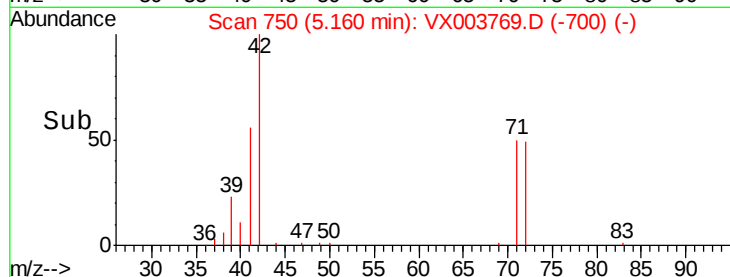
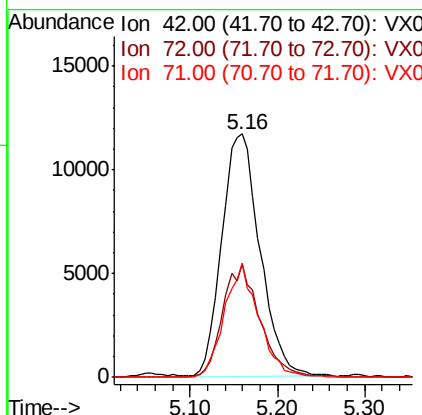
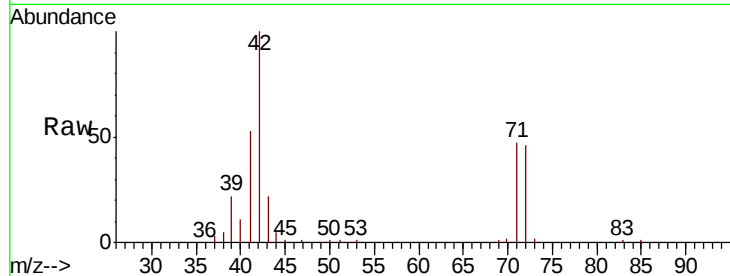
#29
Tetrahydrofuran
Concen: 100.82 ug/l
RT: 5.16 min Scan# 750
Delta R.T. 0.01 min
Lab File: VX003769.D
Acq: 01 Aug 2018 00:58

Instrument :
MSVOA_X
ClientSampleId :
VX0731SBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.2	35.6	53.4
71	42.2	33.4	50.0

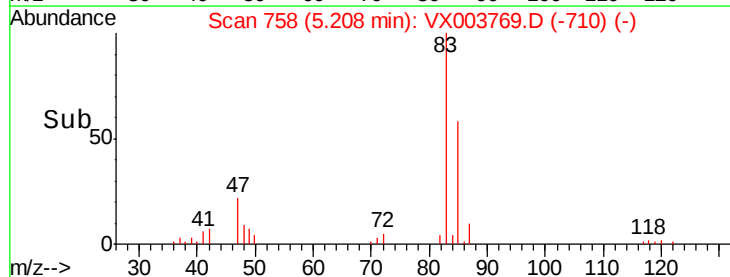
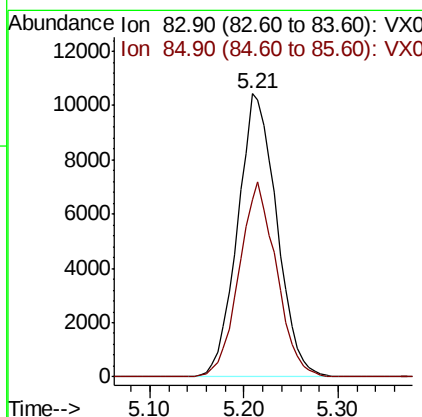
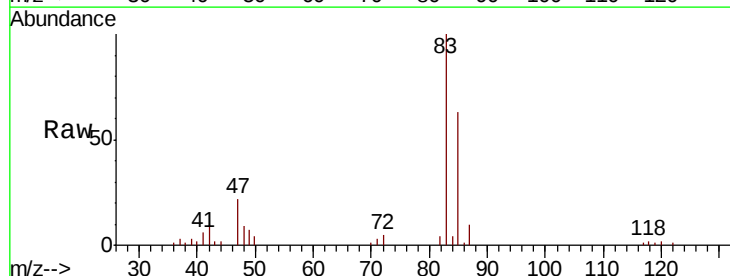
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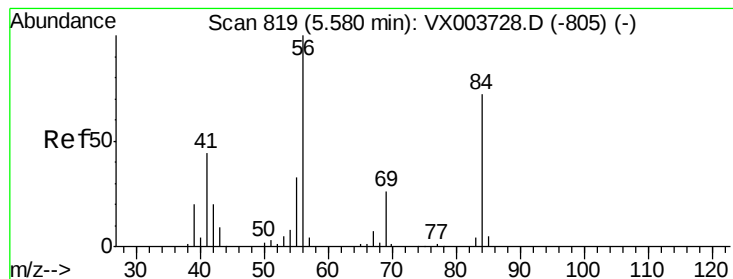
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#30
Chloroform
Concen: 18.76 ug/l
RT: 5.21 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX003769.D
Acq: 01 Aug 2018 00:58

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.5	52.8	79.2





#31

Cvclohexane

Concen: 21.62 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX003769.D

Acq: 01 Aug 2018 00:58

Instrument :

MSVOA_X

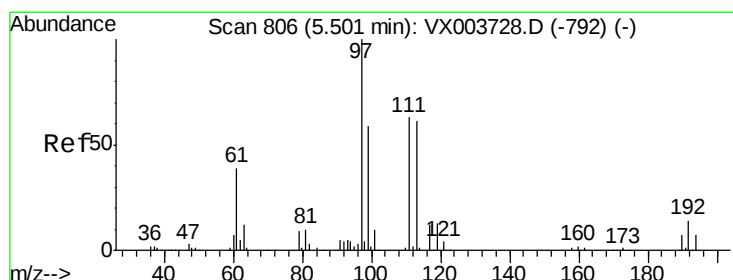
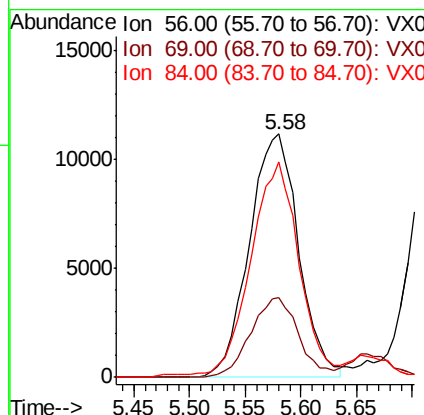
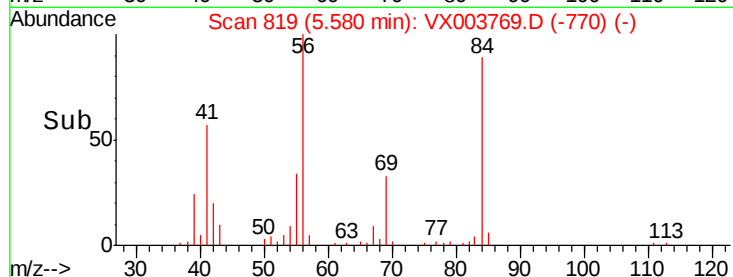
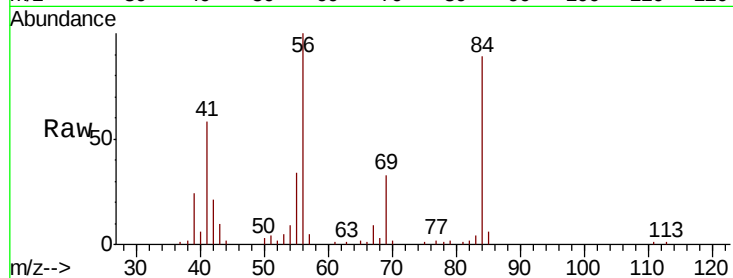
ClientSampleId :

VX0731SBS02

Tot Ion:	56	Resp:	34263
Ion Ratio	Lower	Upper	
56	100		
69	32.6	20.6	30.8#
84	87.4	57.9	86.9#

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#32

1,1,1-Trichloroethane

Concen: 20.95 ug/l

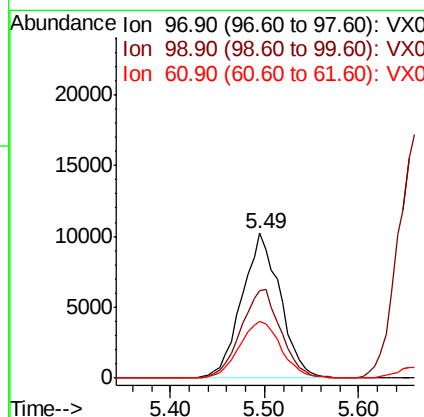
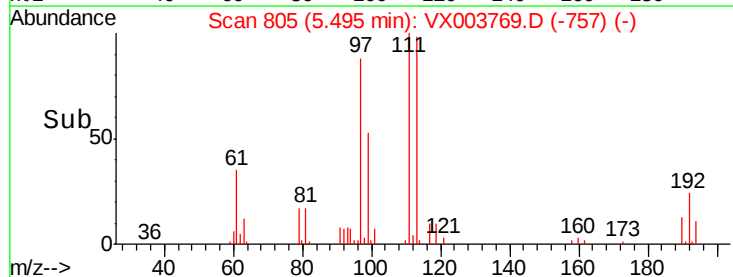
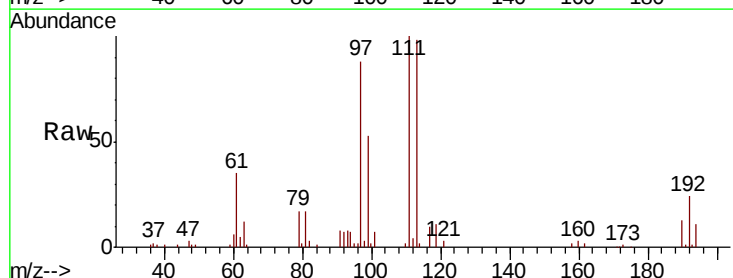
RT: 5.49 min Scan# 805

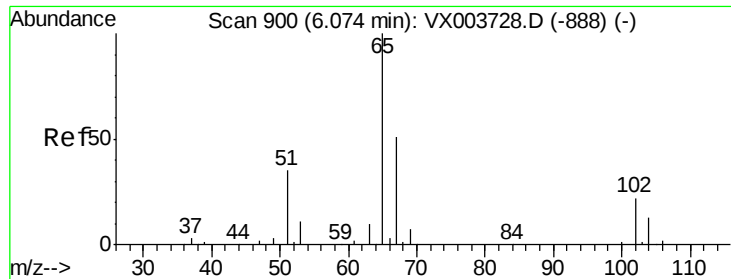
Delta R.T. -0.01 min

Lab File: VX003769.D

Acq: 01 Aug 2018 00:58

Tgt Ion:	97	Resp:	29112
Ion Ratio	Lower	Upper	
97	100		
99	63.2	51.4	77.2
61	42.4	33.4	50.2





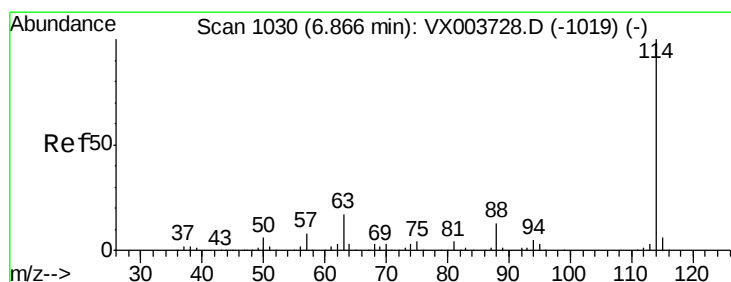
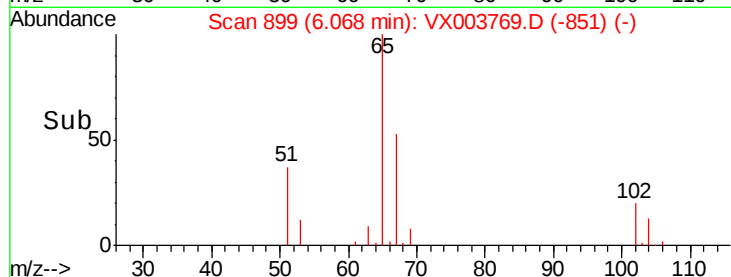
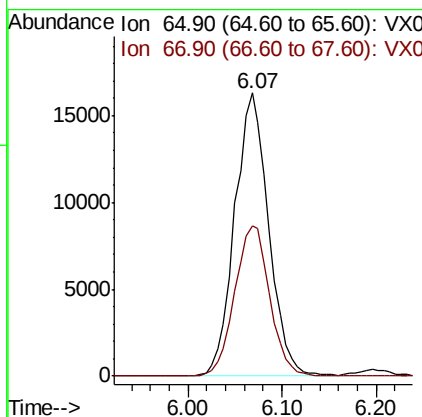
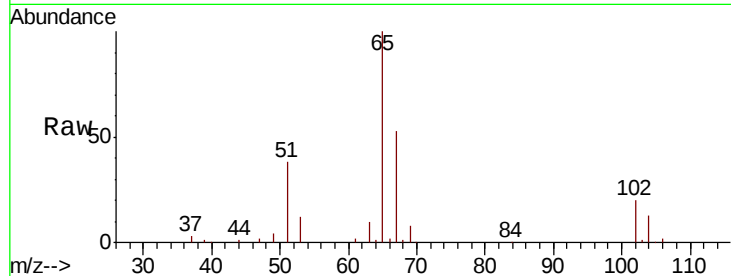
#33
 1,2-Dichloroethane-d4
 Concen: 41.20 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX003769.D
 Acq: 01 Aug 2018 00:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731SBSD02

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	107.0

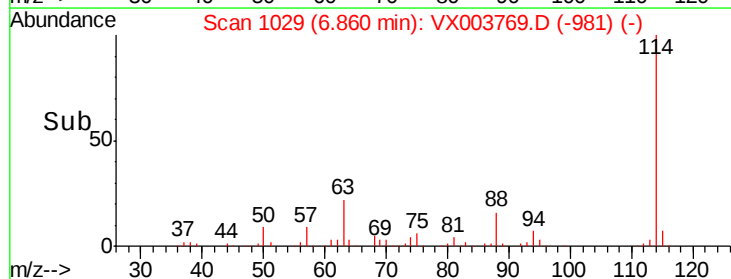
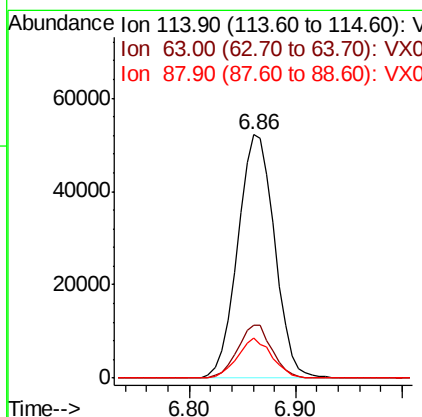
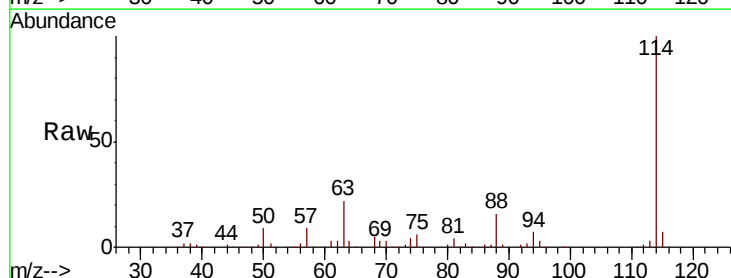
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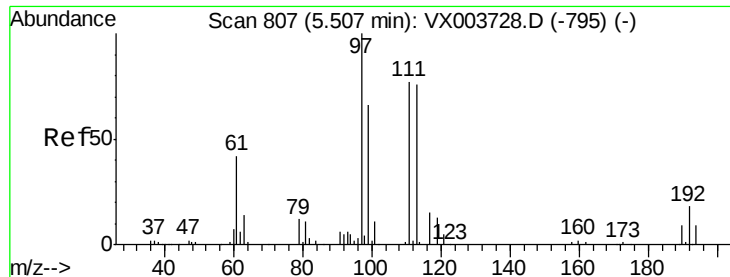
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX003769.D
 Acq: 01 Aug 2018 00:58

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	34.0
88	16.4	0.0	26.4





#35

Dibromofluoromethane

Concen: 49.49 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX003769.D

Acq: 01 Aug 2018 00:58

Instrument :

MSVOA_X

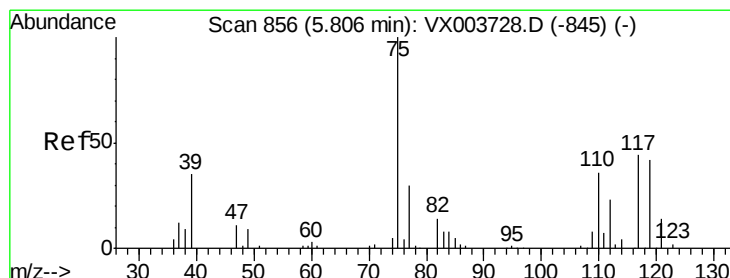
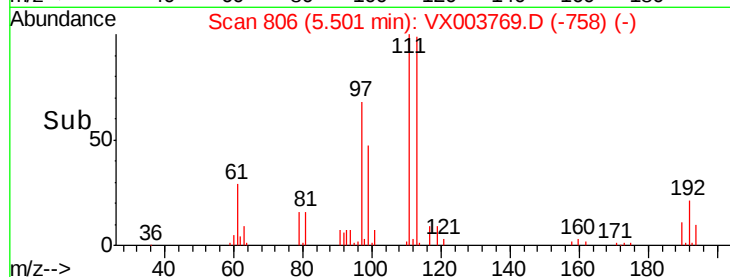
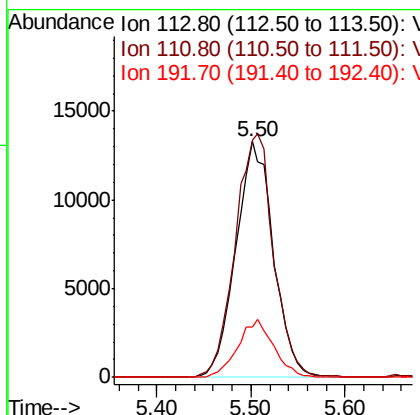
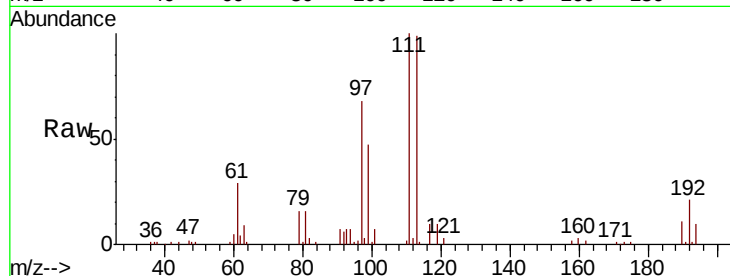
ClientSampleId :

VX0731SBS02

Tot Ion:	113	Resp:	36973
Ion	Ratio	Lower	Upper
113	100		
111	105.0	81.8	122.6
192	23.4	18.8	28.2

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#36

1,1-Dichloropropene

Concen: 23.07 ug/l

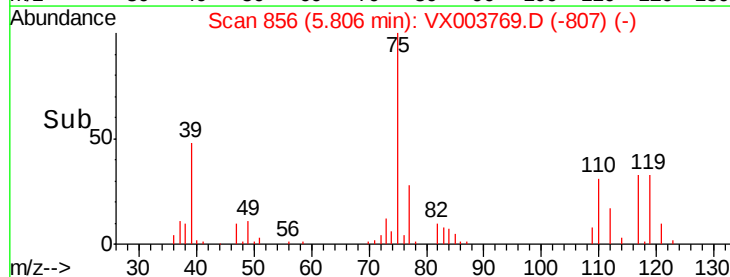
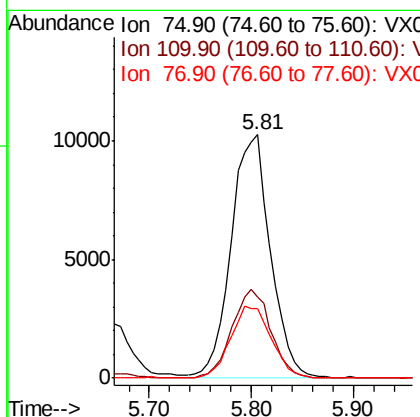
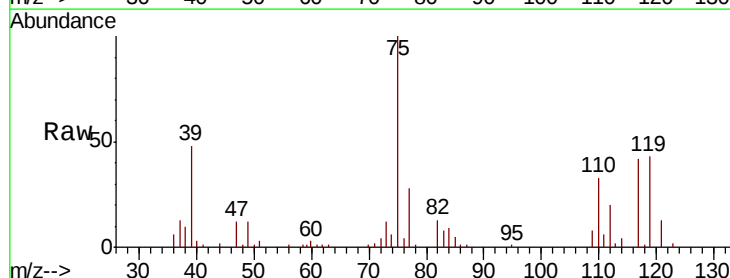
RT: 5.81 min Scan# 856

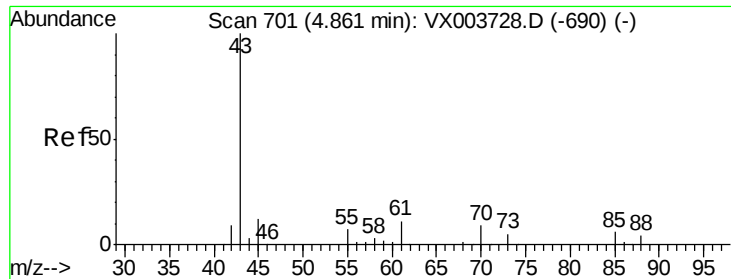
Delta R.T. 0.00 min

Lab File: VX003769.D

Acq: 01 Aug 2018 00:58

Tgt Ion:	75	Resp:	27411
Ion	Ratio	Lower	Upper
75	100		
110	35.9	18.3	54.8
77	30.6	25.1	37.7





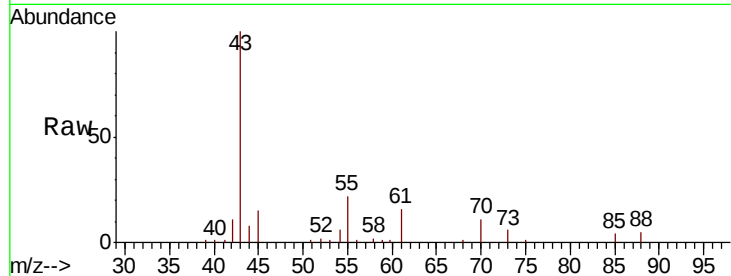
#37
Ethyl Acetate
Concen: 21.02 ug/l
RT: 4.85 min Scan# 700
Delta R.T. -0.01 min
Lab File: VX003769.D
Acq: 01 Aug 2018 00:58

Instrument :
MSVOA_X
ClientSampleId :
VX0731SBS02

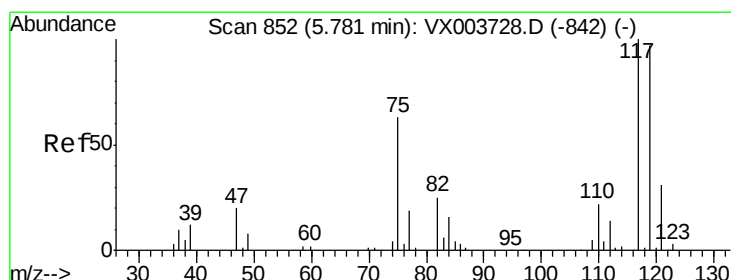
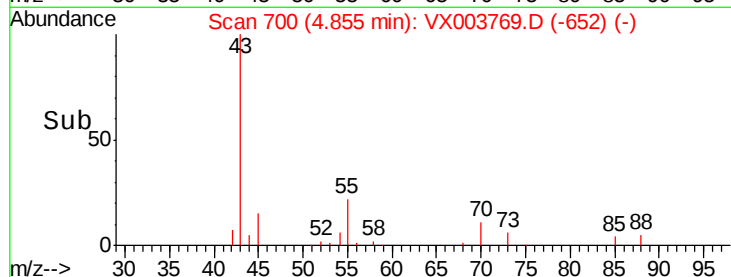
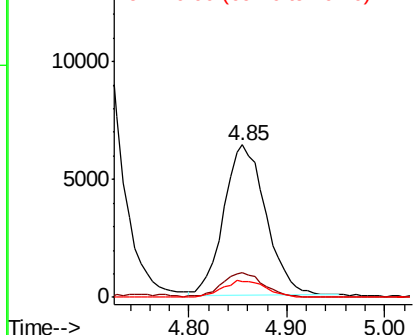
Tot Ion	Ratio	Lower	Upper
43	100		
61	16.2	11.4	17.0
70	11.3	8.2	12.2

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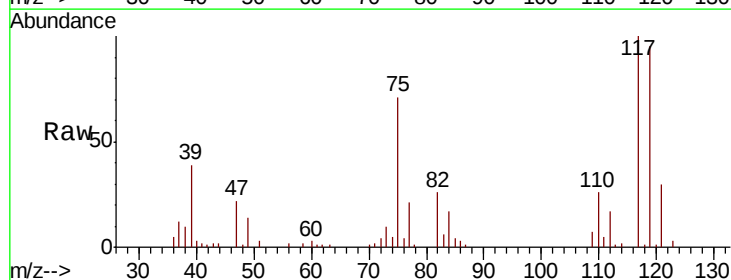


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

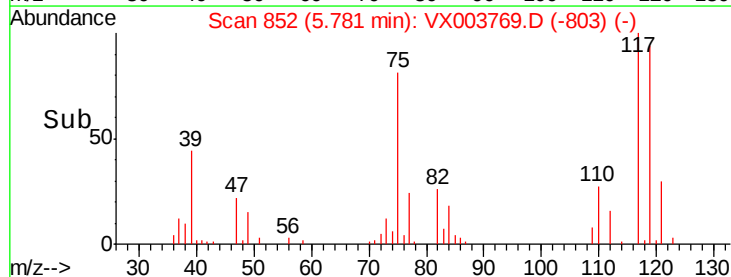
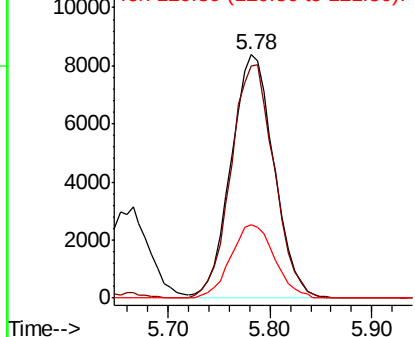


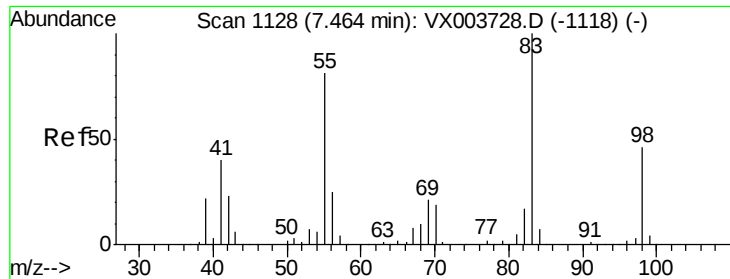
#38
Carbon Tetrachloride
Concen: 22.31 ug/l
RT: 5.78 min Scan# 852
Delta R.T. 0.00 min
Lab File: VX003769.D
Acq: 01 Aug 2018 00:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	77.2	115.8
121	30.3	25.0	37.4



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





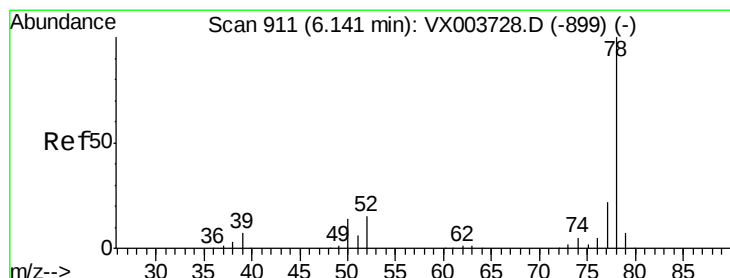
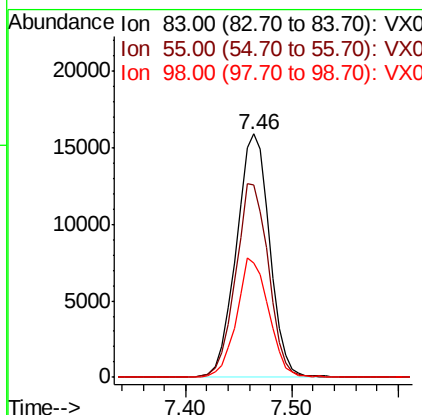
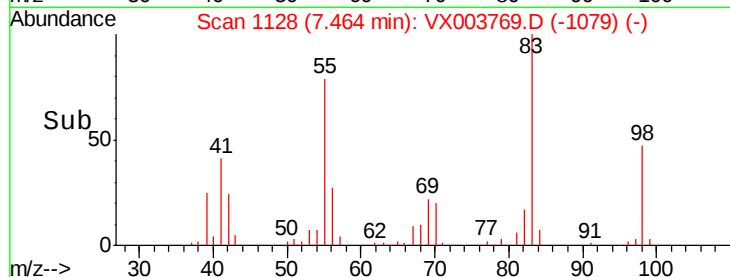
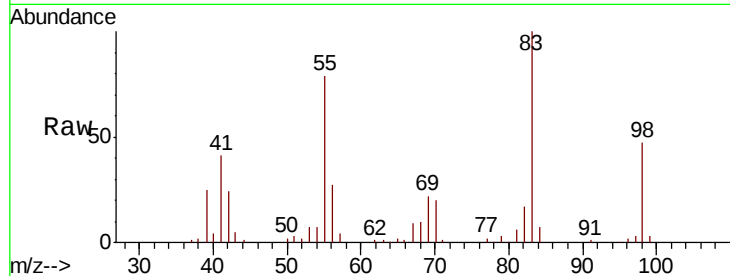
#39
Methvlcvclohexane
Concen: 23.97 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003769.D
Acq: 01 Aug 2018 00:58

Instrument :
MSVOA_X
ClientSampleId :
VX0731SBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.1	65.0	97.6
98	46.7	37.1	55.7

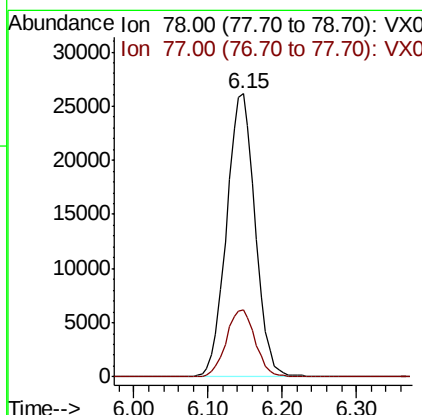
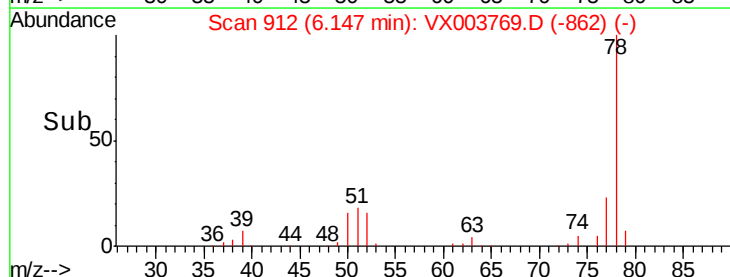
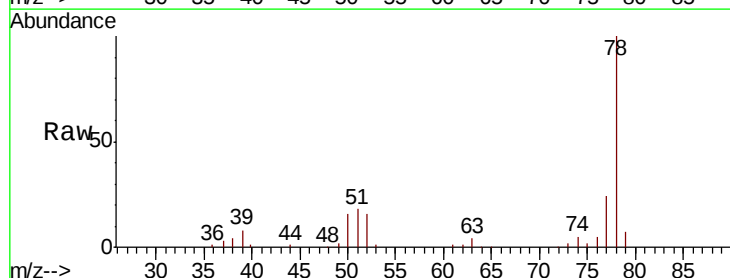
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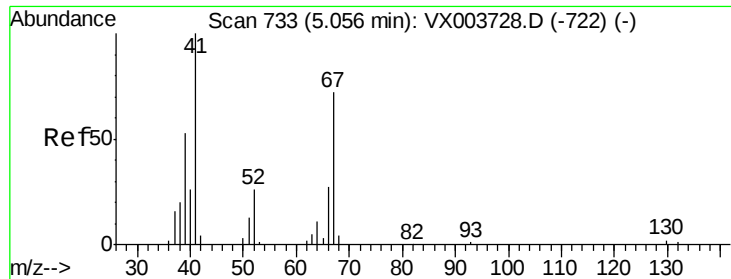
apatel
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#40
Benzene
Concen: 20.62 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.01 min
Lab File: VX003769.D
Acq: 01 Aug 2018 00:58

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	17.9	26.9





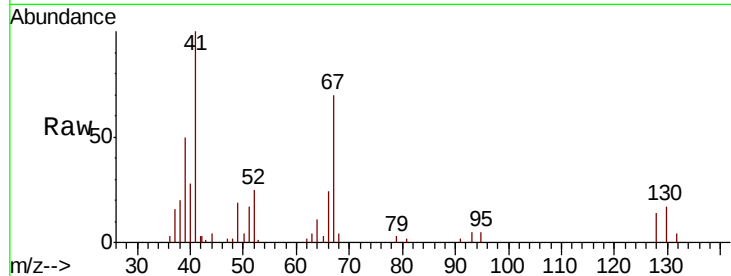
#41
Methacrylonitrile
Concen: 21.01 ug/l
RT: 5.06 min Scan# 733
Delta R.T. 0.00 min
Lab File: VX003769.D
Acq: 01 Aug 2018 00:58

Instrument :
MSVOA_X
ClientSampleId :
VX0731SBS02

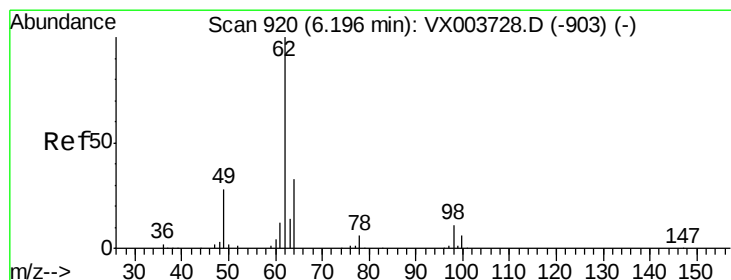
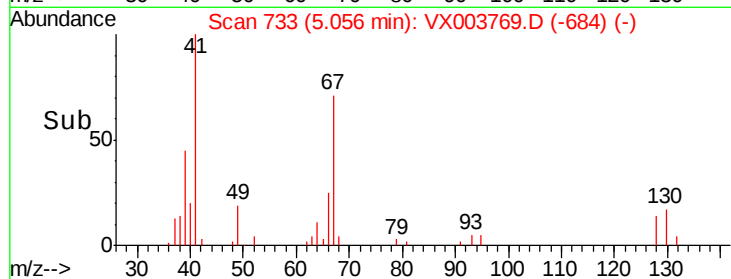
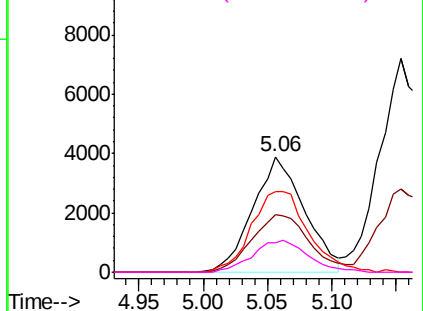
Tot Ion:	41	Resp:	10807
Ion	Ratio	Lower	Upper
41	100		
39	55.8	42.6	64.0
67	76.7	58.9	88.3
52	29.7	22.9	34.3

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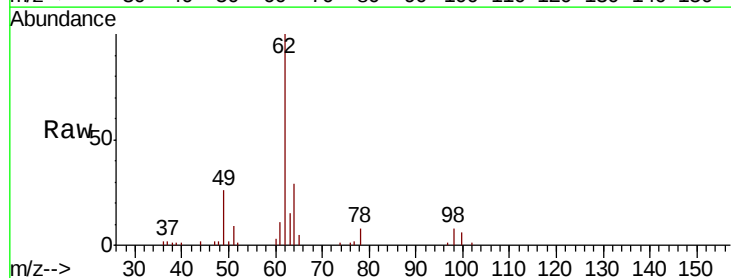


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

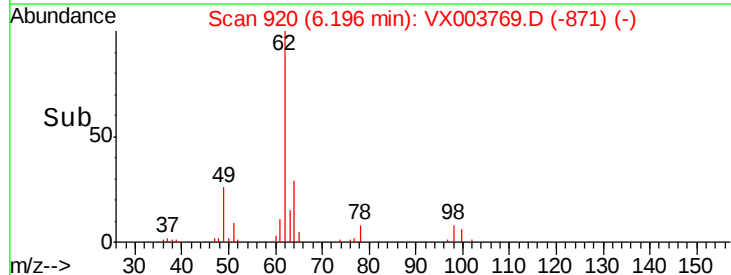
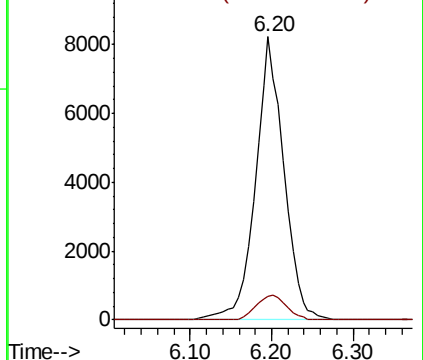


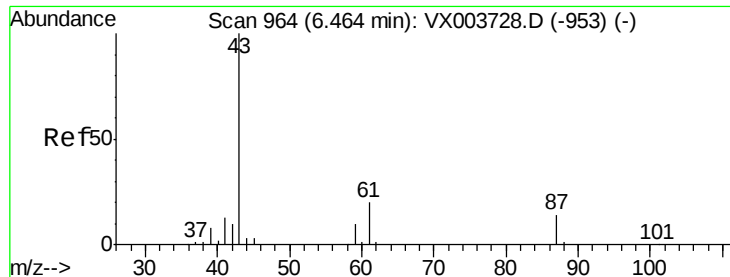
#42
1,2-Dichloroethane
Concen: 19.37 ug/l
RT: 6.20 min Scan# 920
Delta R.T. 0.00 min
Lab File: VX003769.D
Acq: 01 Aug 2018 00:58

Tgt Ion:	62	Resp:	19918
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

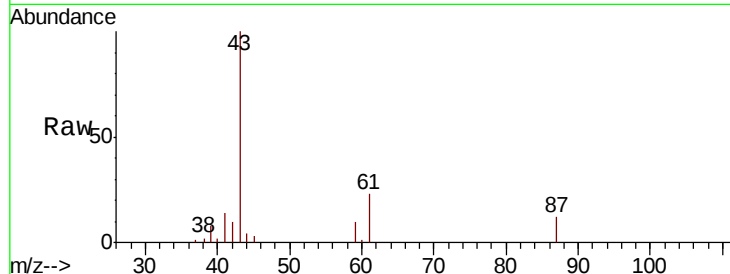
Isopropyl Acetate
 Concen: 19.05 ug/l
 RT: 6.46 min Scan# 963
 Delta R.T. -0.01 min
 Lab File: VX003769.D
 Acq: 01 Aug 2018 00:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731SBS02

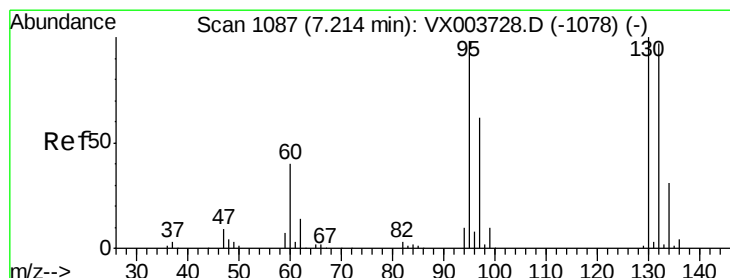
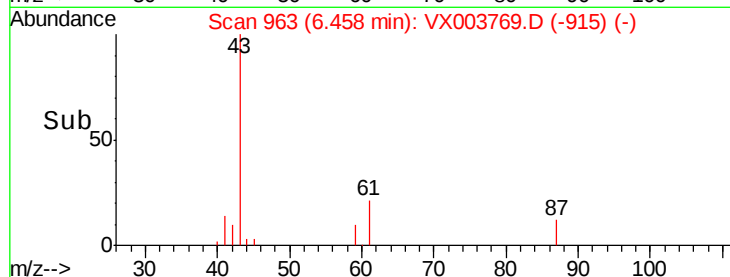
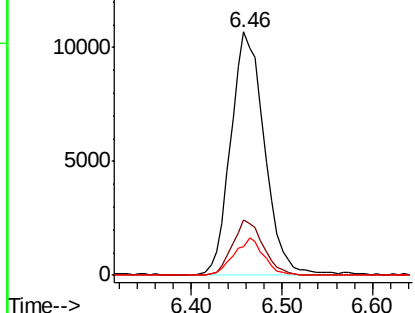
Tot Ion	Ratio	Lower	Upper
43	100		
61	20.6	16.5	24.7
87	13.4	10.7	16.1

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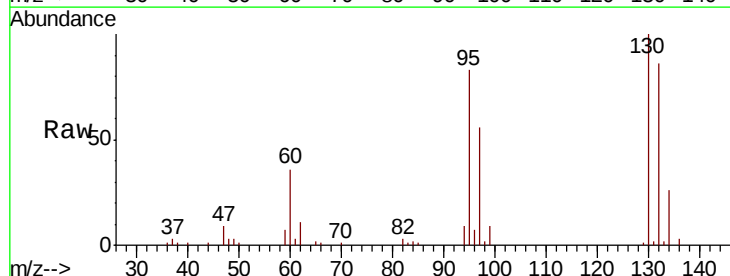
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



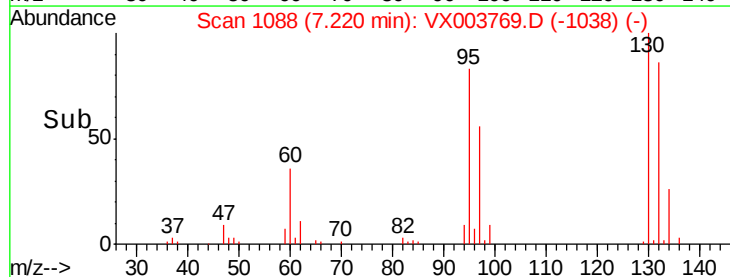
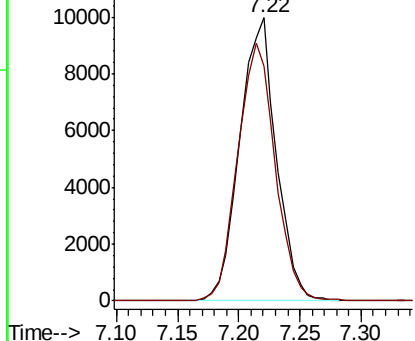
#44

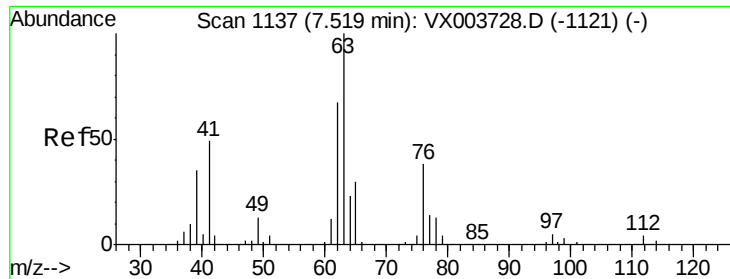
Trichloroethene
 Concen: 21.32 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX003769.D
 Acq: 01 Aug 2018 00:58

Tgt Ion	Ratio	Lower	Upper
130	100		
95	82.9	0.0	196.2



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 19.72 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX003769.D

Acq: 01 Aug 2018 00:58

Instrument :

MSVOA_X

ClientSampleId :

VX0731SBS02

Tot Ion: 63 Resp: 16512

Ion Ratio Lower Upper

63 100

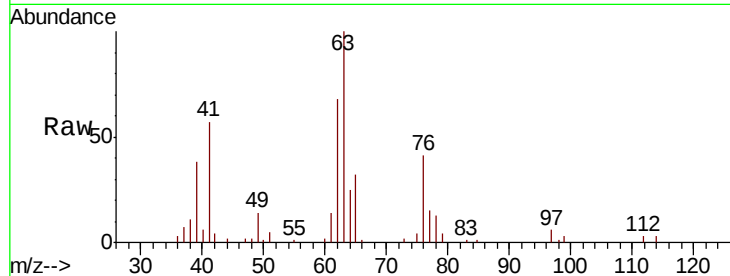
65 32.0 23.7 35.5

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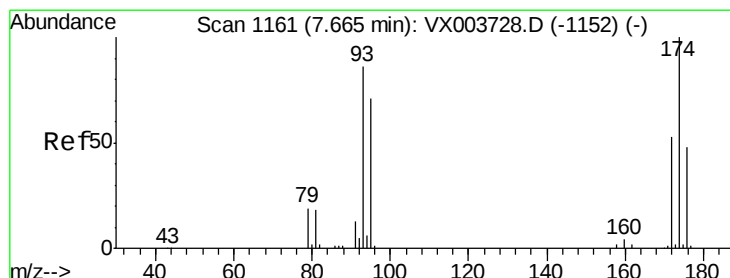
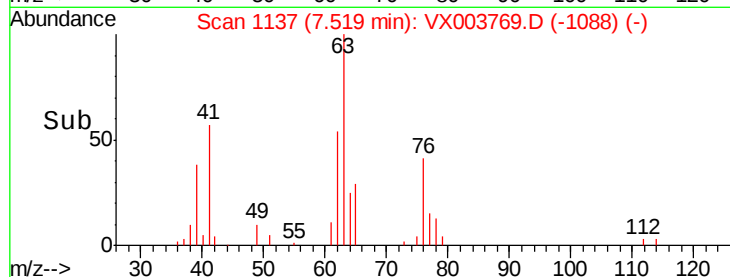
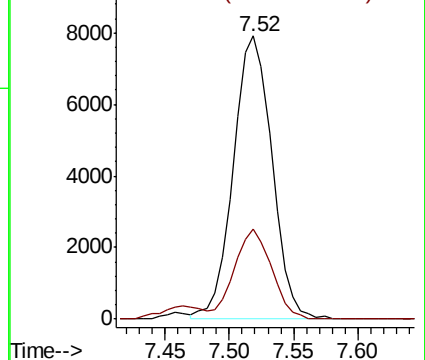
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 17.53 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX003769.D

Acq: 01 Aug 2018 00:58

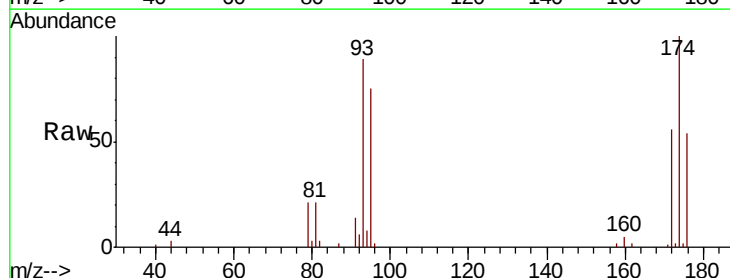
Tgt Ion: 93 Resp: 8459

Ion Ratio Lower Upper

93 100

95 83.5 68.1 102.1

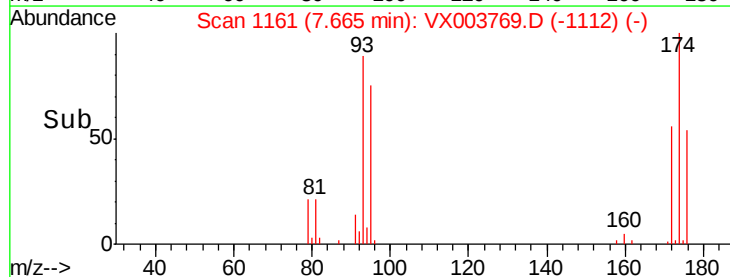
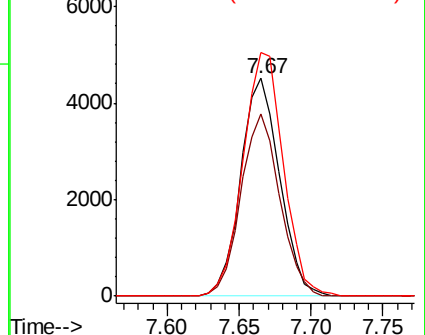
174 116.0 96.2 144.4

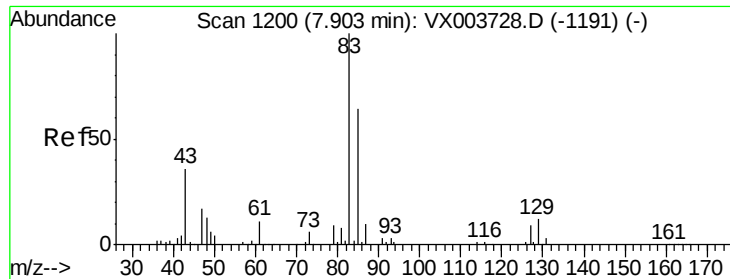


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.80 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003769.D

Acq: 01 Aug 2018 00:58

Instrument :

MSVOA_X

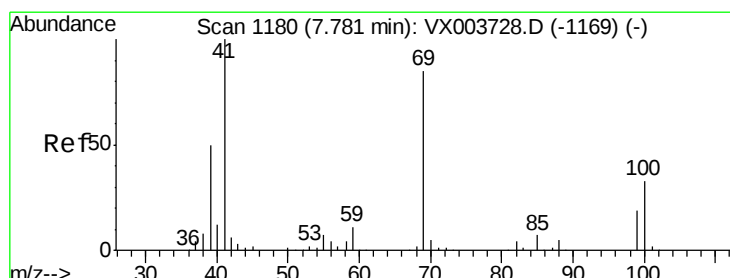
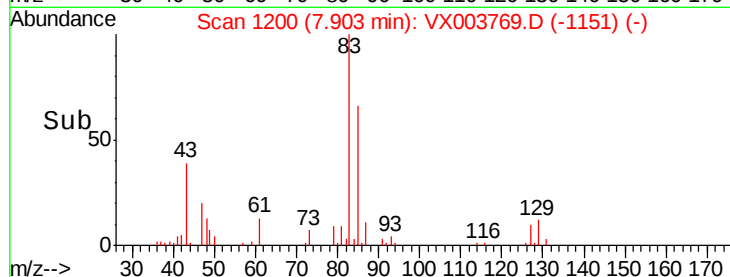
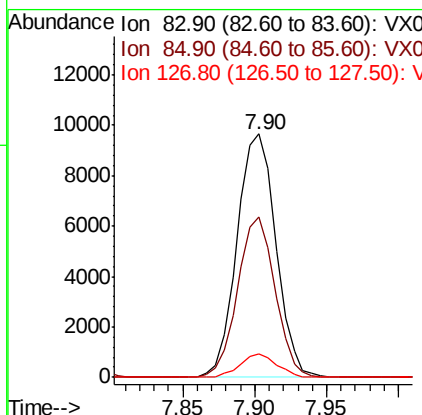
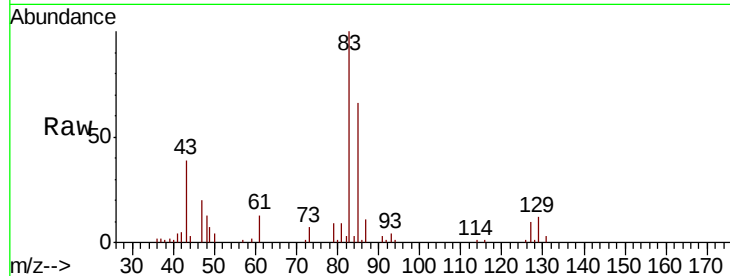
ClientSampleId :

VX0731SBS02

Tot Ion:	83	Resp:	18079
Ion	Ratio	Lower	Upper
83	100		
85	65.8	51.1	76.7
127	9.7	7.1	10.7

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#48

Methyl methacrylate

Concen: 18.91 ug/l

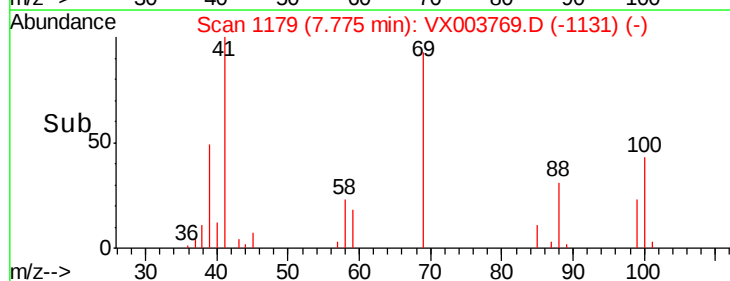
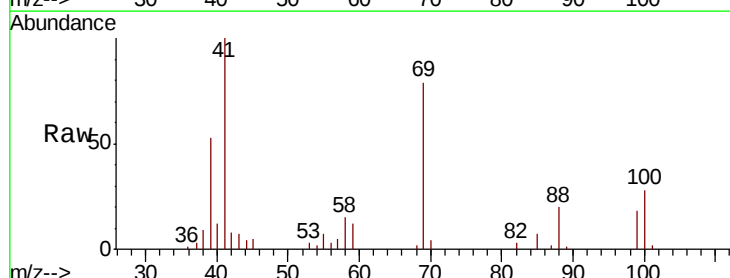
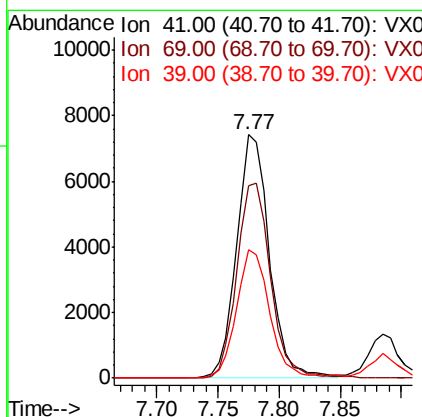
RT: 7.77 min Scan# 1179

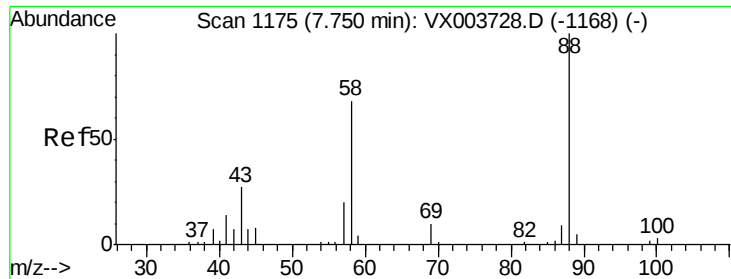
Delta R.T. -0.01 min

Lab File: VX003769.D

Acq: 01 Aug 2018 00:58

Tgt Ion:	41	Resp:	13793
Ion	Ratio	Lower	Upper
41	100		
69	82.9	68.7	103.1
39	53.3	40.8	61.2





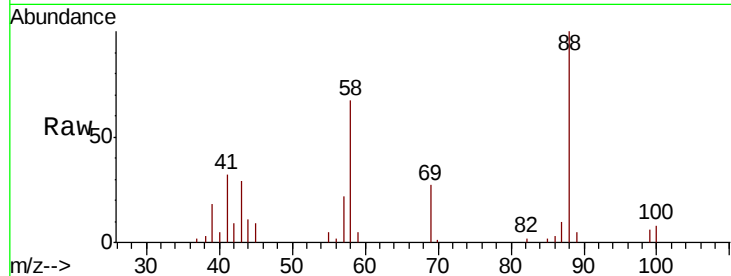
#49
1,4-Dioxane
Concen: 525.19 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. 0.01 min
Lab File: VX003769.D
Acq: 01 Aug 2018 00:58

Instrument :
MSVOA_X
ClientSampleId :
VX0731SBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.7	26.0	39.0
58	71.2	57.1	85.7

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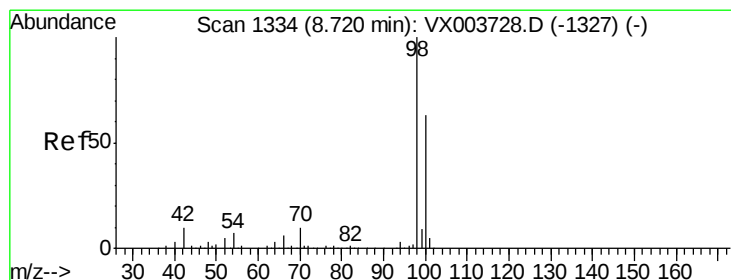
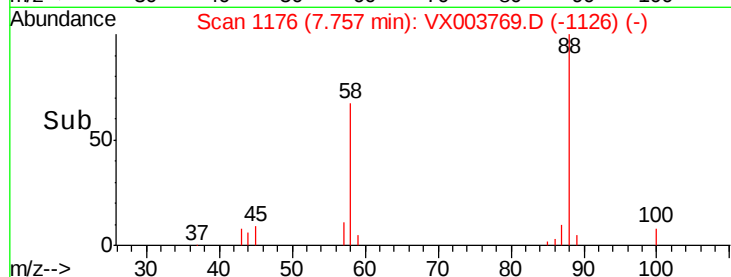
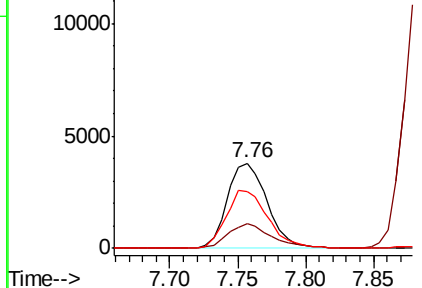


Abundance

Ion 88.00 (87.70 to 88.70): VX0

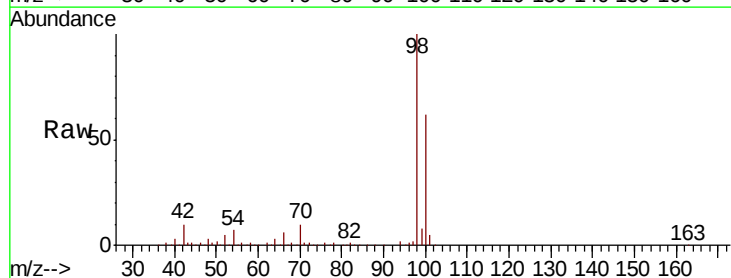
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 54.02 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.01 min
Lab File: VX003769.D
Acq: 01 Aug 2018 00:58

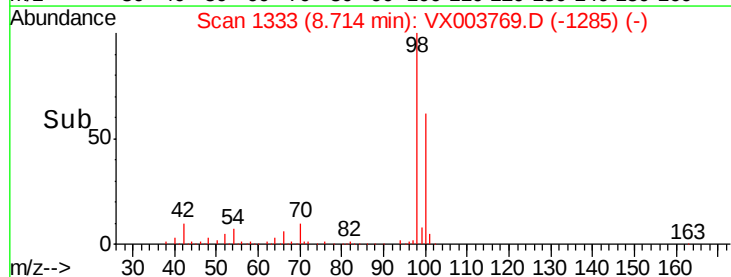
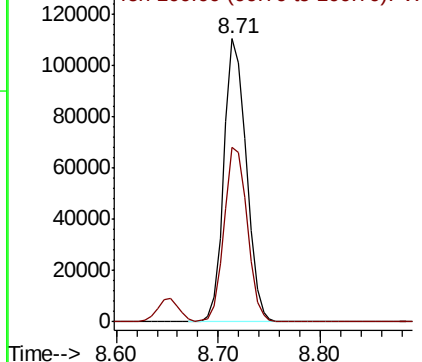
Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.4	77.0

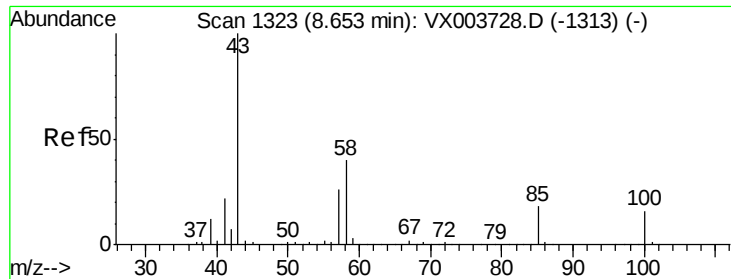


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





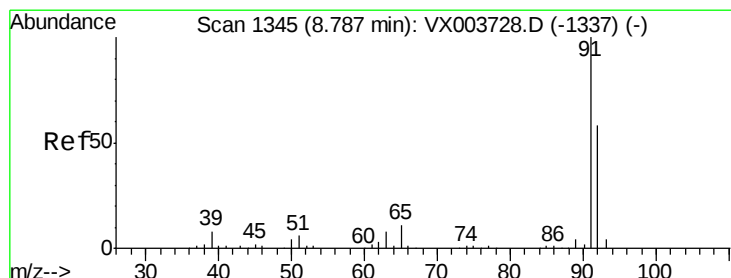
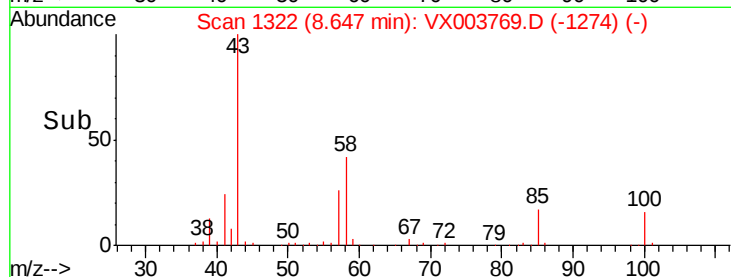
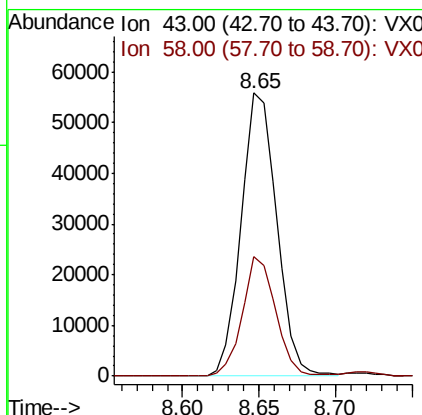
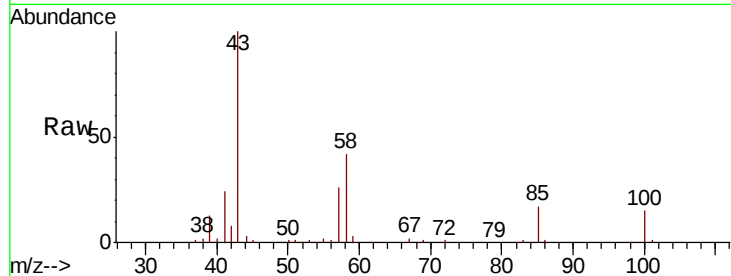
#51
4-Methyl-2-Pentanone
Concen: 101.33 ug/l
RT: 8.65 min Scan# 1322
Delta R.T. -0.01 min
Lab File: VX003769.D
Acq: 01 Aug 2018 00:58

Instrument :
MSVOA_X
ClientSampleId :
VX0731SBS02

Tot Ion	43	58	Ratio	Lower	Upper
43	100				
58	39.3		32.1	48.1	

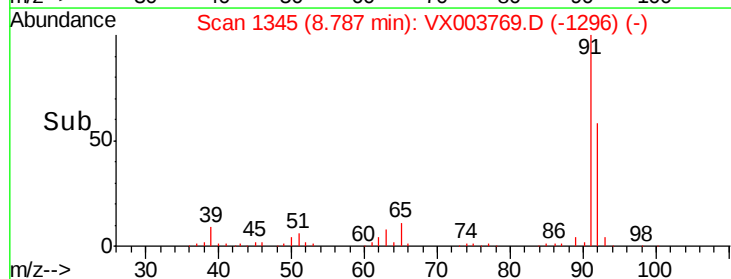
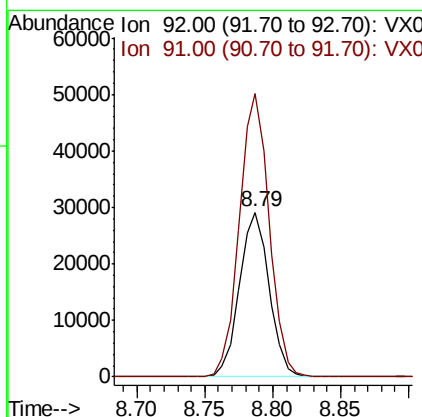
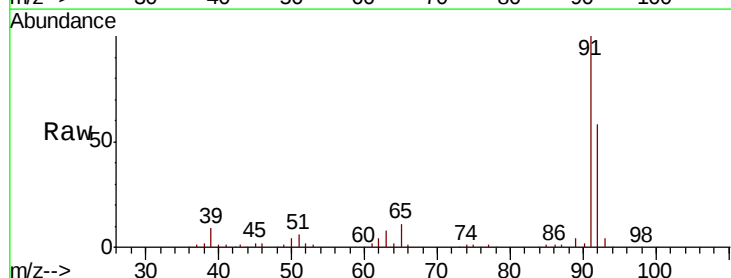
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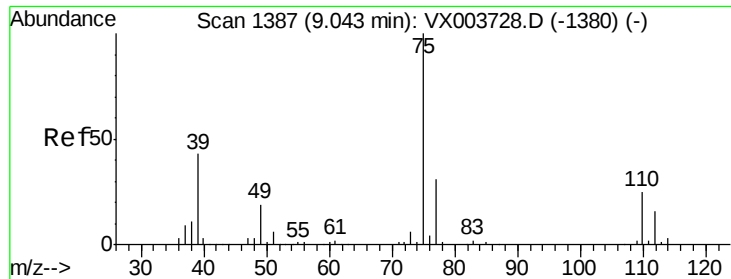
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#52
Toluene
Concen: 20.94 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VX003769.D
Acq: 01 Aug 2018 00:58

Tgt Ion	92	91	Ratio	Lower	Upper
92	100				
91	172.7		139.4	209.2	





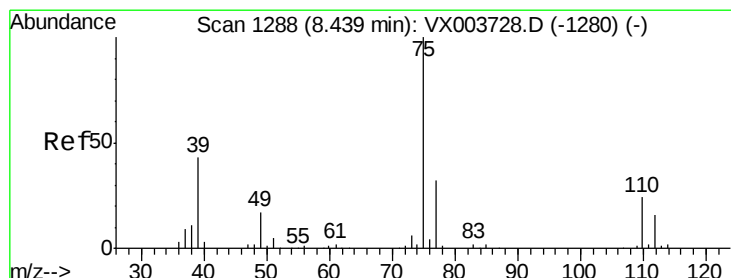
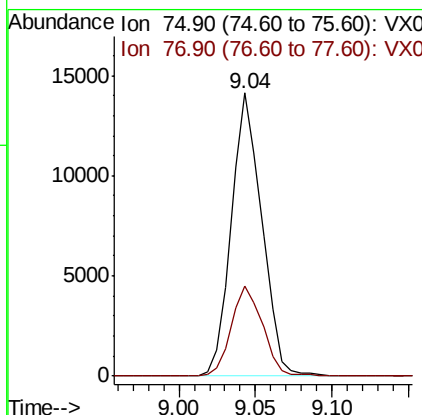
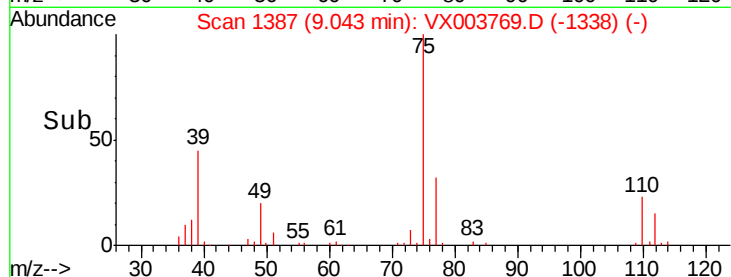
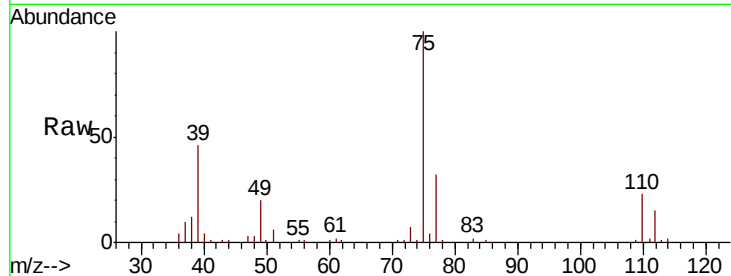
#53
t-1,3-Dichloropropene
Concen: 17.78 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VX003769.D
Acq: 01 Aug 2018 00:58

Instrument :
MSVOA_X
ClientSampleId :
VX0731SBS02

Tot Ion: 75 Resp: 19526
Ion Ratio Lower Upper
75 100
77 31.6 24.9 37.3

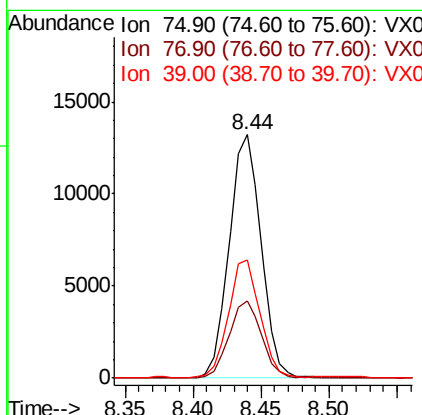
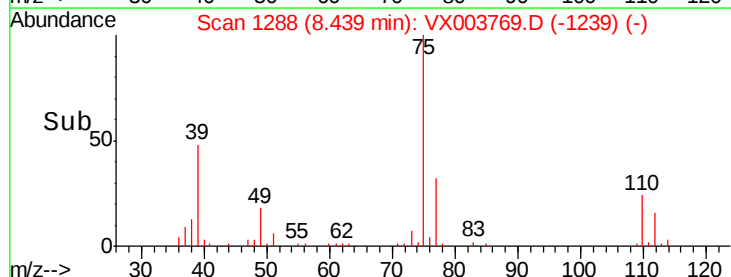
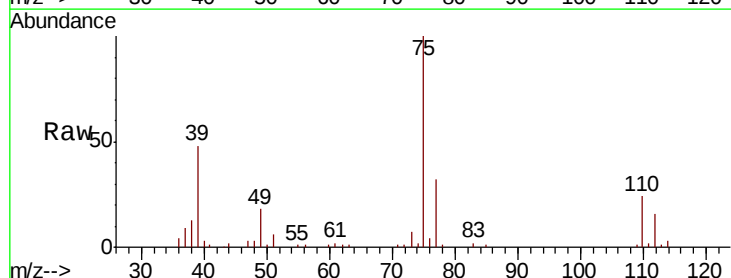
Manual Integrations
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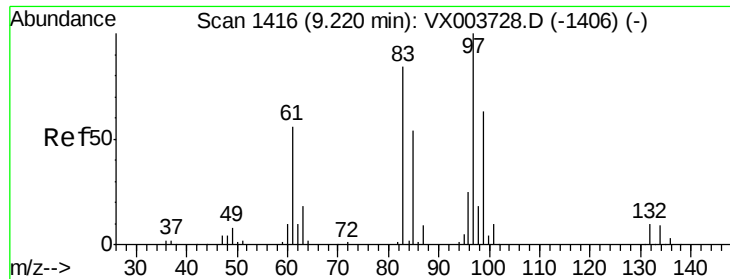
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#54
cis-1,3-Dichloropropene
Concen: 17.60 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX003769.D
Acq: 01 Aug 2018 00:58

Tgt Ion: 75 Resp: 21542
Ion Ratio Lower Upper
75 100
77 31.6 25.3 37.9
39 47.9 34.1 51.1





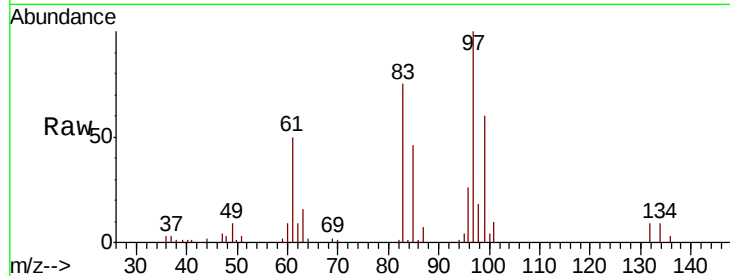
#55
 1,1,2-Trichloroethane
 Concen: 18.85 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003769.D
 Acq: 01 Aug 2018 00:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731SBS02

Tot Ion:	97	Resp:	13777
Ion	Ratio	Lower	Upper
97	100		
83	74.5	67.4	101.0
85	45.8	43.3	64.9
99	60.3	50.8	76.2

Manual Integrations
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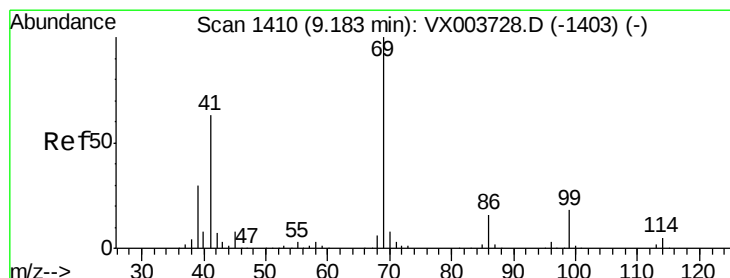
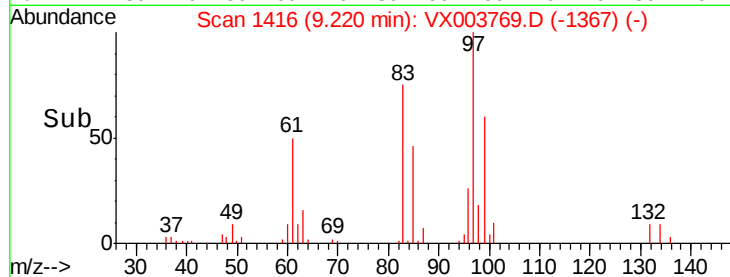
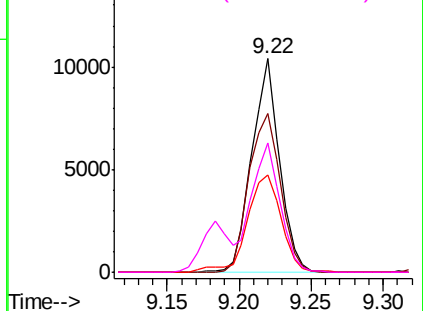
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

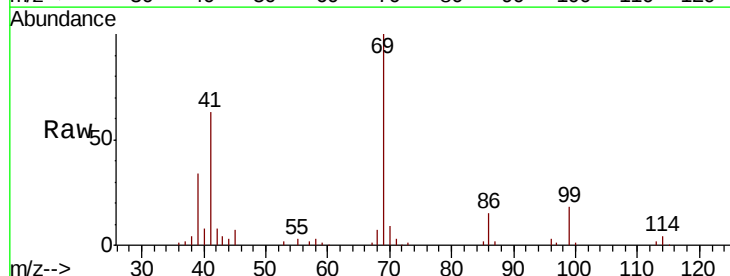
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 18.39 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003769.D
 Acq: 01 Aug 2018 00:58

Tgt Ion:	69	Resp:	18462
Ion	Ratio	Lower	Upper
69	100		
41	64.6	51.6	77.4
39	34.2	25.1	37.7

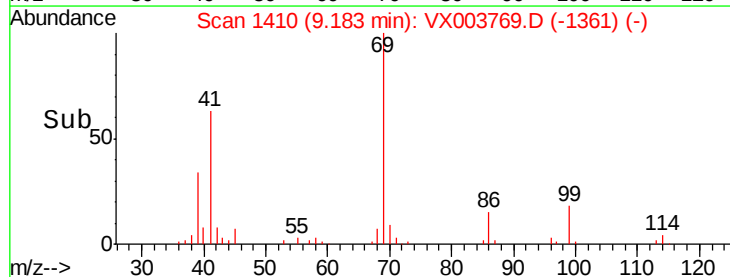
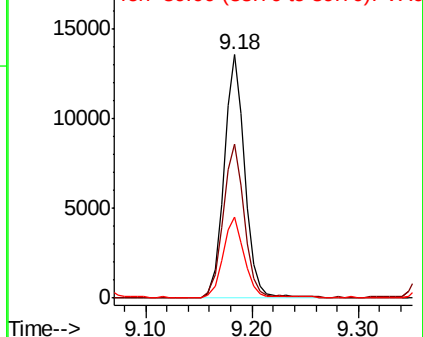


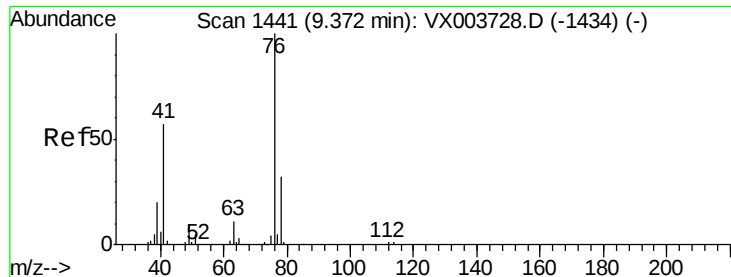
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 18.04 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. 0.00 min

Lab File: VX003769.D

Acq: 01 Aug 2018 00:58

Instrument :

MSVOA_X

ClientSampleId :

VX0731SBS02

Tot Ion: 76 Resp: 22136

Ion Ratio Lower Upper

76 100

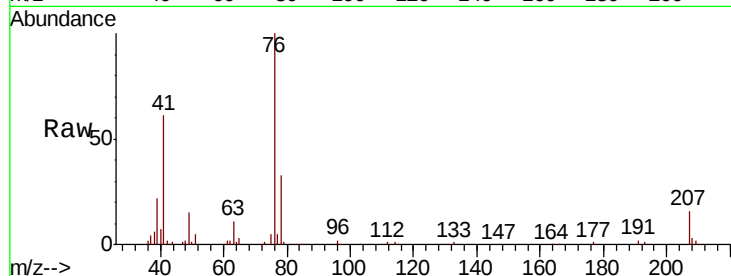
78 32.7 25.7 38.5

Manual Integrations

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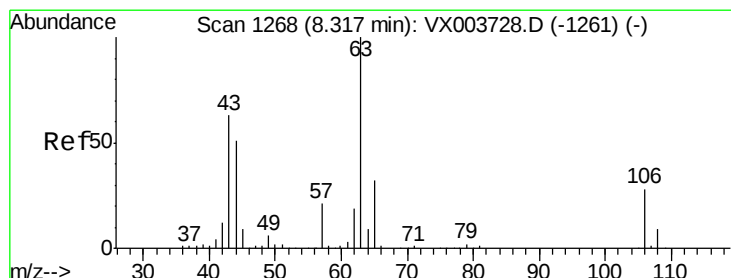
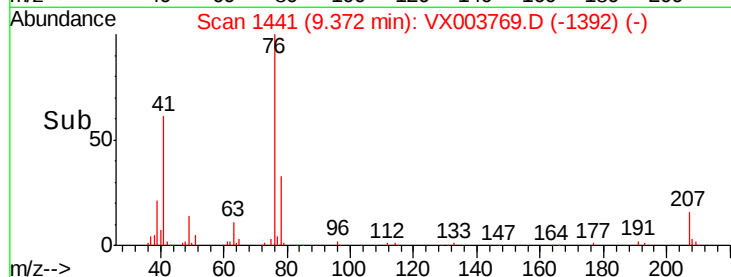
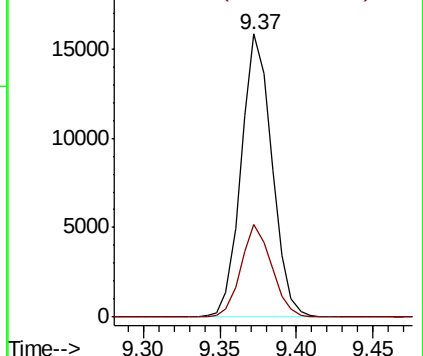
apatel

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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: 84.15 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX003769.D

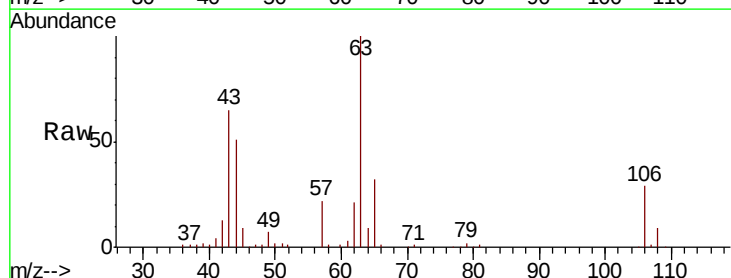
Acq: 01 Aug 2018 00:58

Tgt Ion: 63 Resp: 38950

Ion Ratio Lower Upper

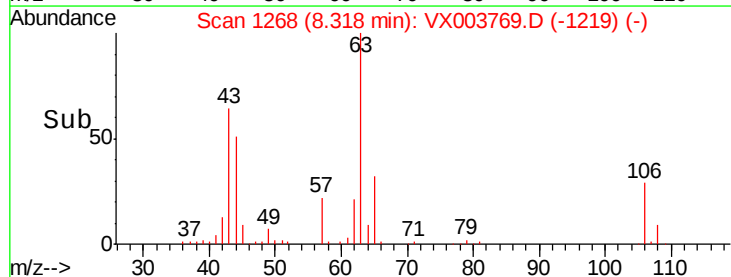
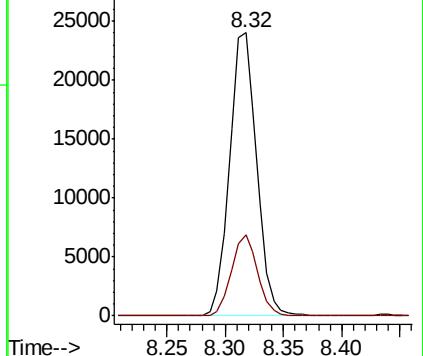
63 100

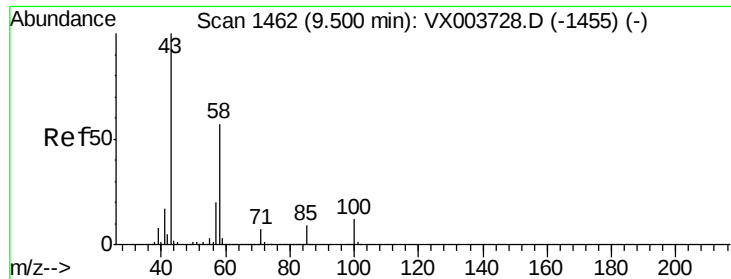
106 27.6 22.5 33.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





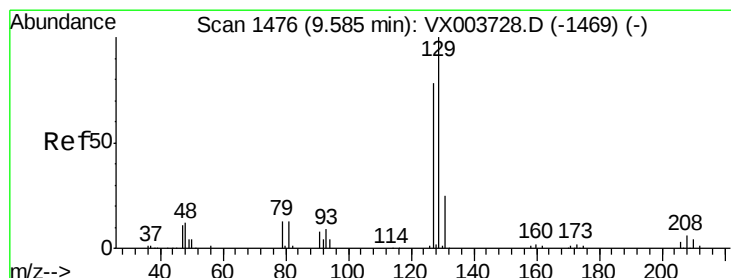
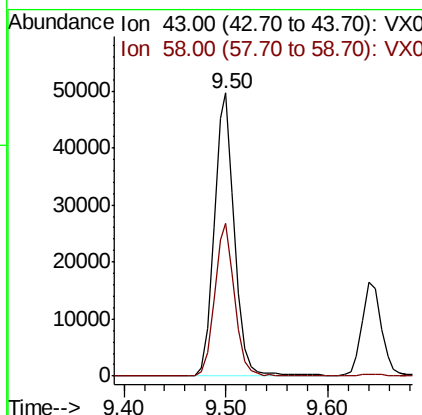
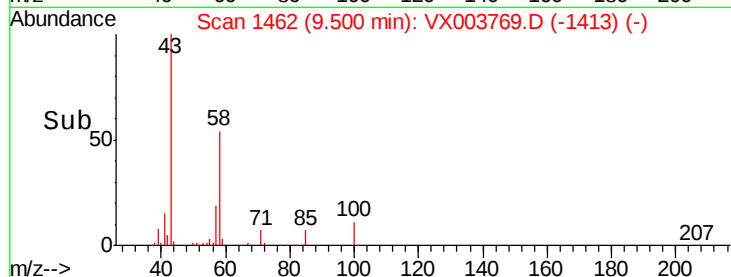
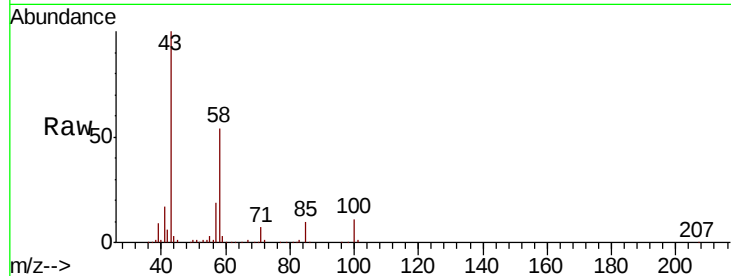
#59
2-Hexanone
Concen: 101.42 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003769.D
Acq: 01 Aug 2018 00:58

Instrument :
MSVOA_X
ClientSampleId :
VX0731SBS02

Tot Ion: 43 Resp: 69052
Ion Ratio Lower Upper
43 100
58 53.5 28.0 83.9

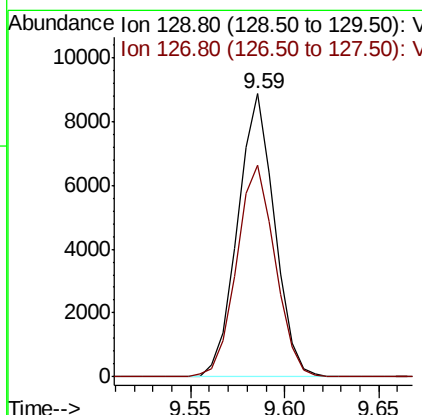
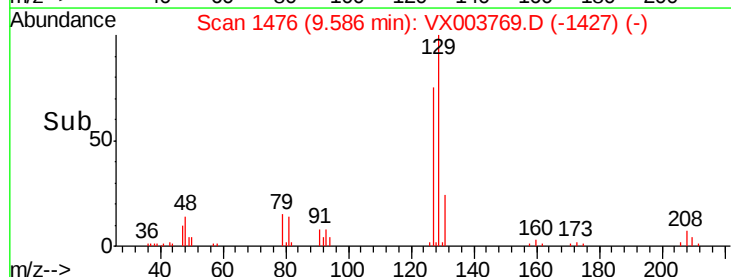
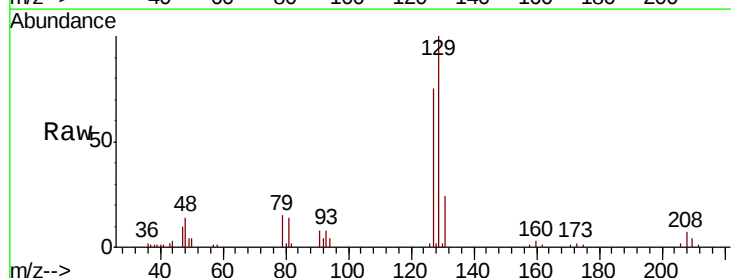
Manual Integrations
APPROVED

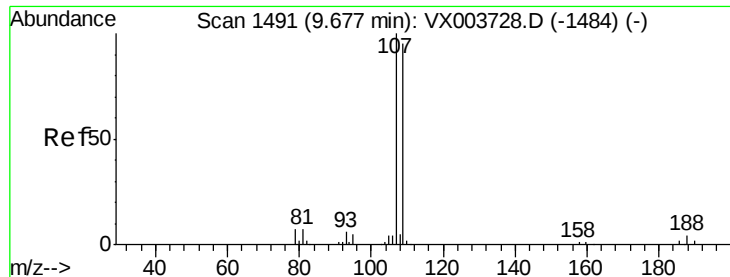
apatel
8/1/2018 6:54:44 PM



#60
Dibromochloromethane
Concen: 16.33 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003769.D
Acq: 01 Aug 2018 00:58

Tgt Ion: 129 Resp: 12020
Ion Ratio Lower Upper
129 100
127 78.0 38.8 116.4





#61

1,2-Dibromoethane

Concen: 16.49 ug/l

RT: 9.67 min Scan# 1490

Delta R.T. -0.01 min

Lab File: VX003769.D

Acq: 01 Aug 2018 00:58

Instrument :

MSVOA_X

ClientSampleId :

VX0731SBS02

Tot Ion:107 Resp: 12308

Ion Ratio Lower Upper

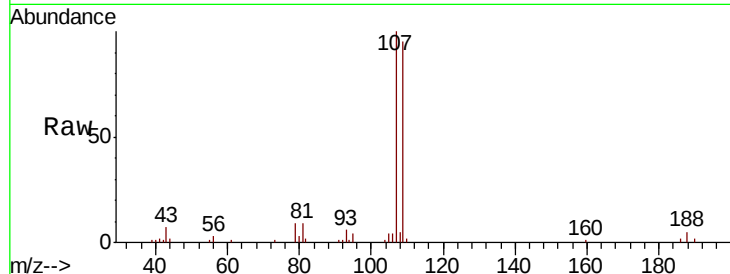
107 100

109 96.2 75.0 112.6

Manual Integrations
APPROVED

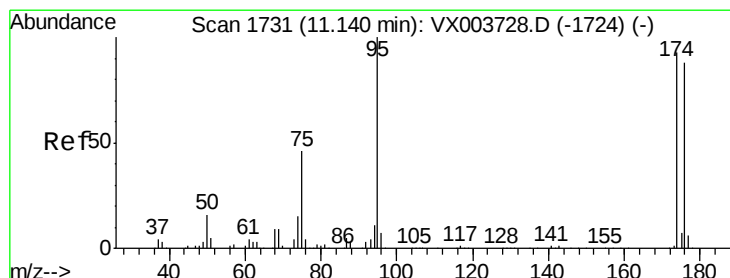
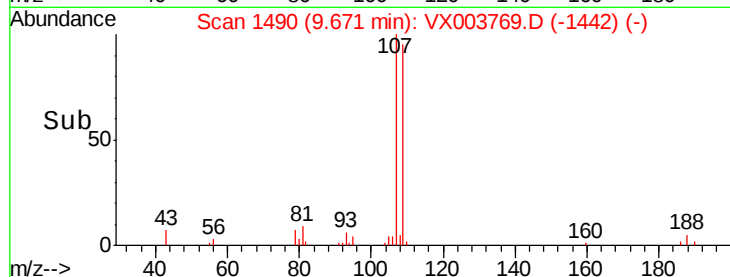
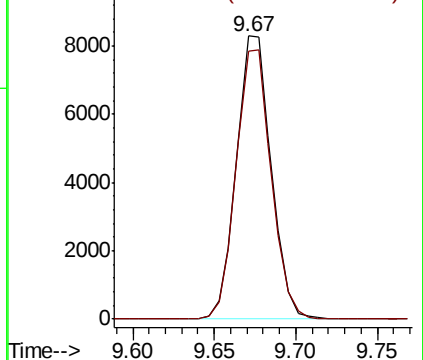
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 40.98 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003769.D

Acq: 01 Aug 2018 00:58

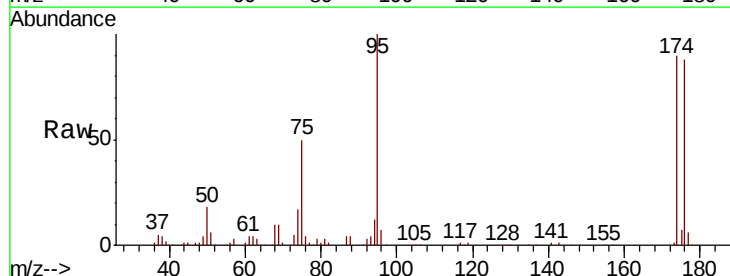
Tgt Ion: 95 Resp: 47057

Ion Ratio Lower Upper

95 100

174 89.2 0.0 186.2

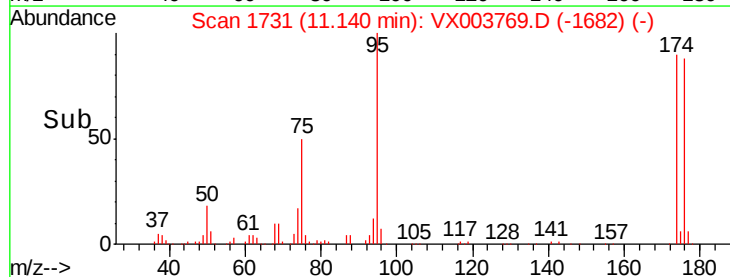
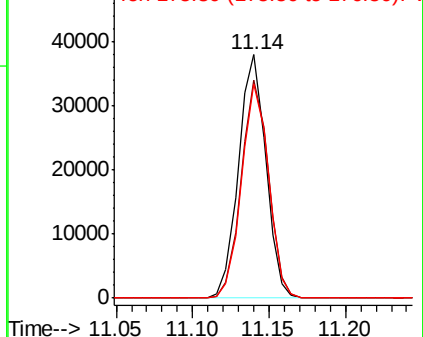
176 86.9 0.0 179.2

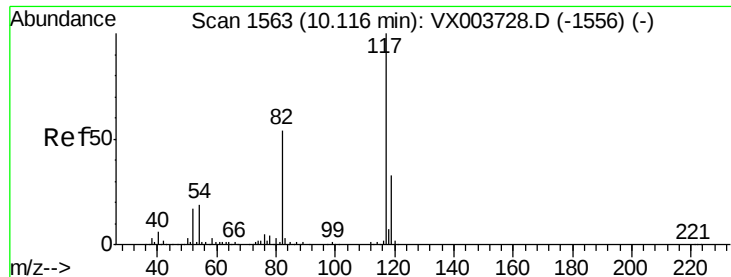


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





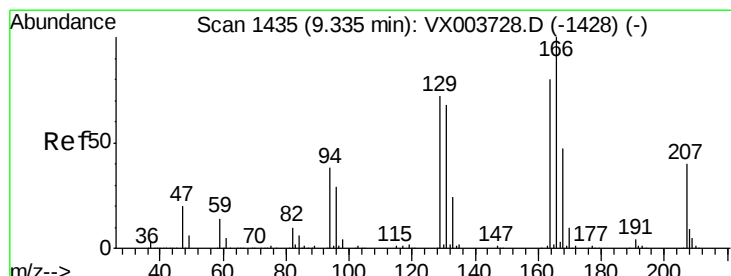
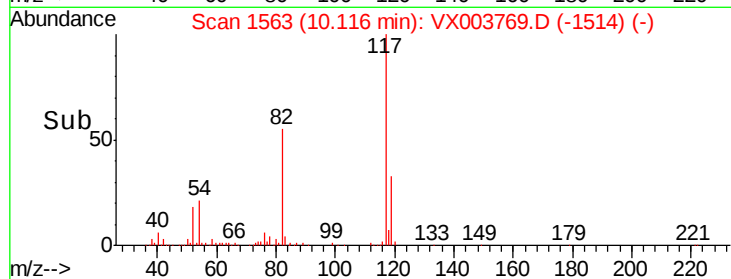
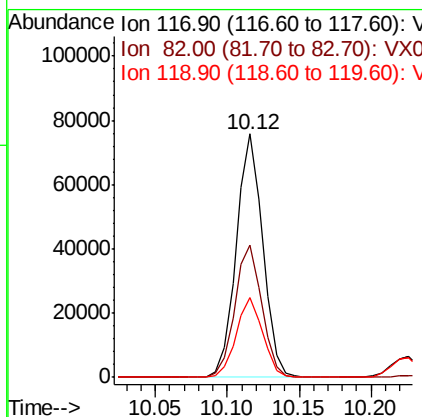
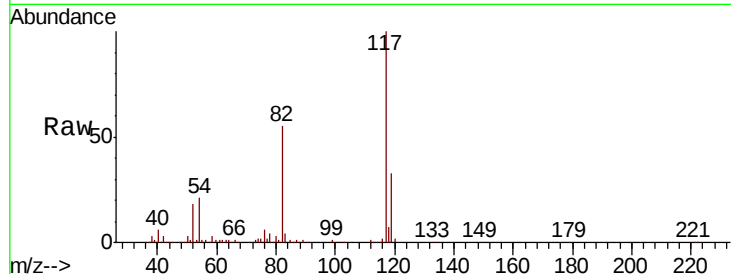
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003769.D
Acq: 01 Aug 2018 00:58

Instrument :
MSVOA_X
ClientSampleId :
VX0731SBSD02

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.6	43.2	64.8
119	33.0	26.3	39.5

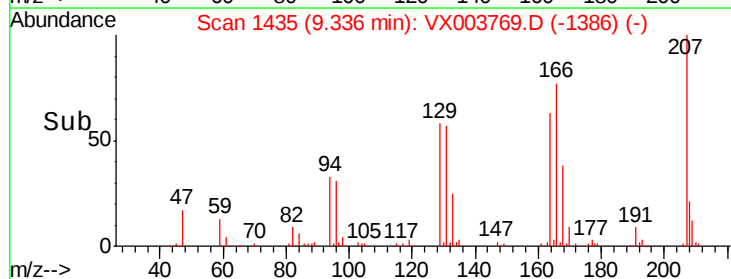
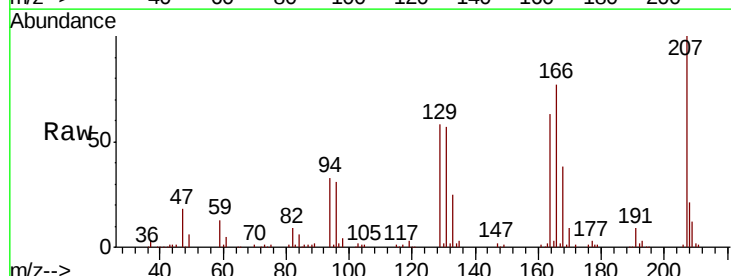
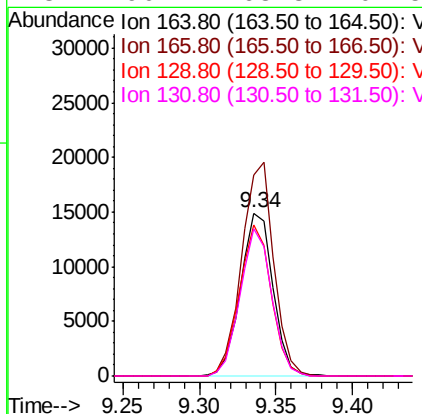
Manual Integrations
APPROVED

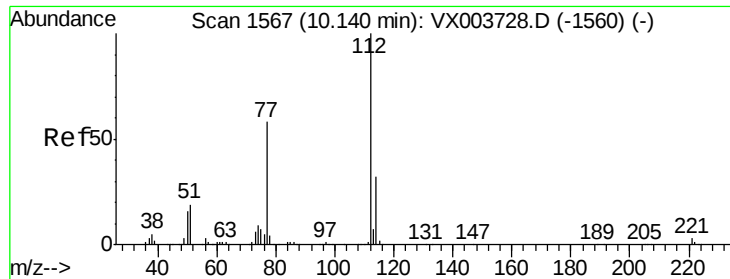
apatel
8/1/2018 6:54:44 PM



#64
Tetrachloroethene
Concen: 28.60 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003769.D
Acq: 01 Aug 2018 00:58

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.5	100.4	150.6
129	92.4	71.8	107.8
131	90.4	68.3	102.5





#65

Chlorobenzene

Concen: 20.56 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX003769.D

Acq: 01 Aug 2018 00:58

Instrument :

MSVOA_X

ClientSampleId :

VX0731SBS02

Tot Ion:112 Resp: 41759

Ion Ratio Lower Upper

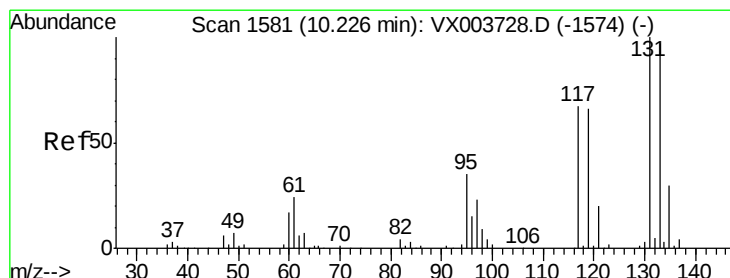
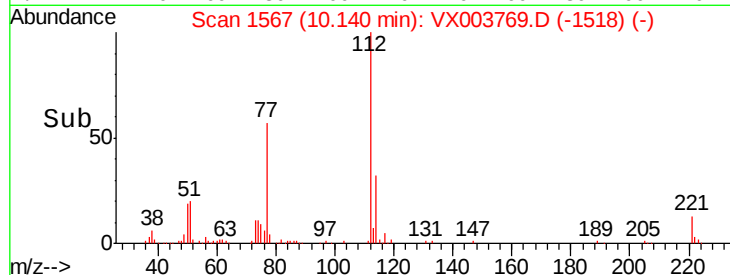
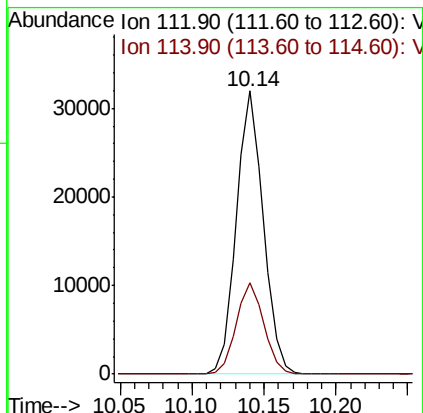
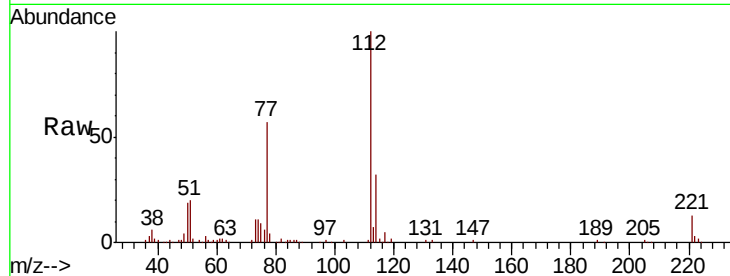
112 100

114 32.1 25.7 38.5

Manual Integrations
APPROVED

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#66

1,1,1,2-Tetrachloroethane

Concen: 19.19 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003769.D

Acq: 01 Aug 2018 00:58

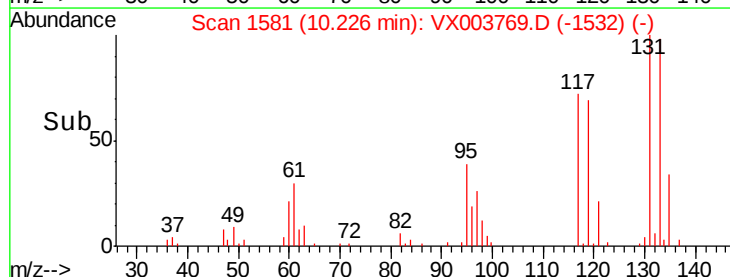
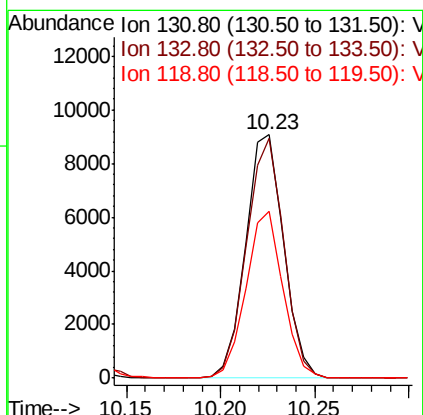
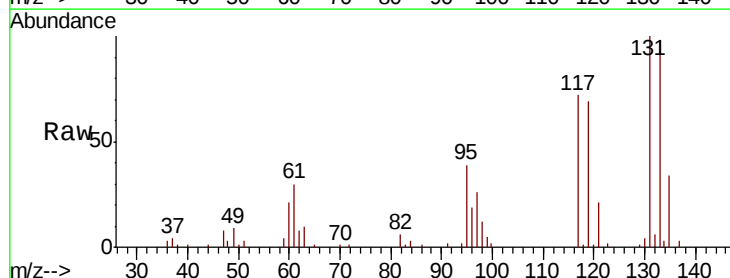
Tgt Ion:131 Resp: 12707

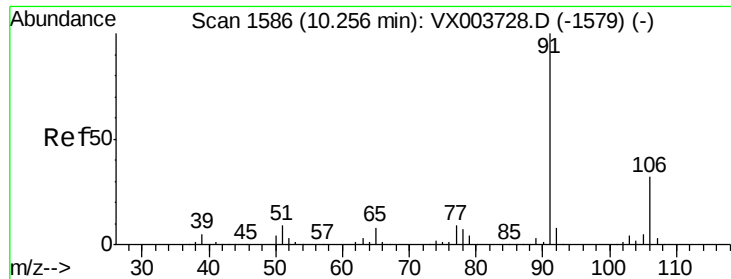
Ion Ratio Lower Upper

131 100

133 96.1 47.6 142.9

119 66.5 32.8 98.3





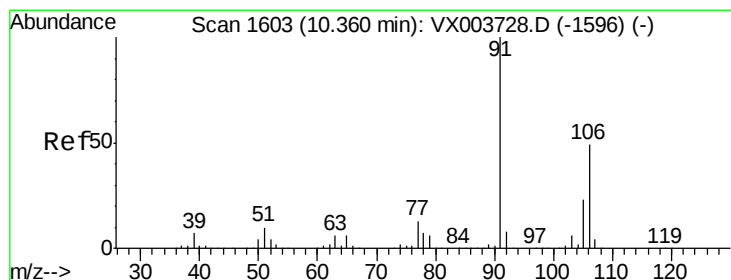
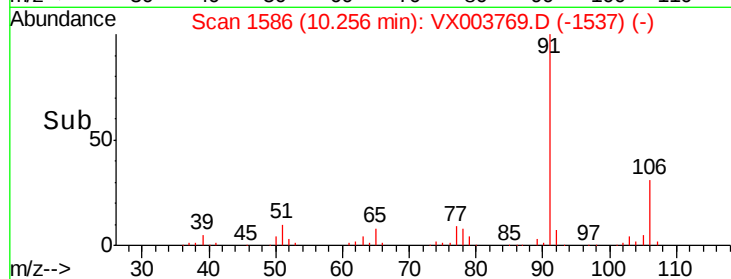
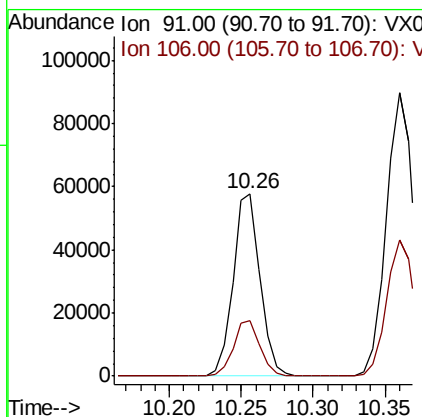
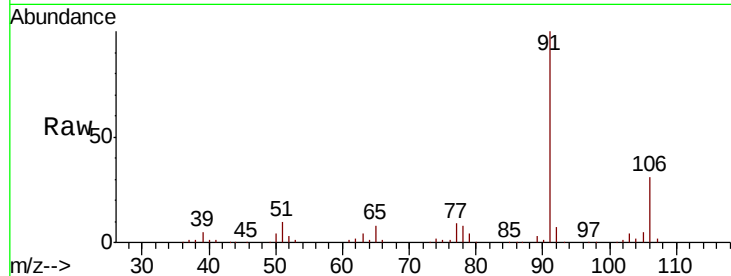
#67
Ethyl Benzene
Concen: 22.07 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003769.D
Acq: 01 Aug 2018 00:58

Instrument :
MSVOA_X
ClientSampleId :
VX0731SBS02

Tot Ion: 91 Resp: 75683
Ion Ratio Lower Upper
91 100
106 30.6 25.4 38.2

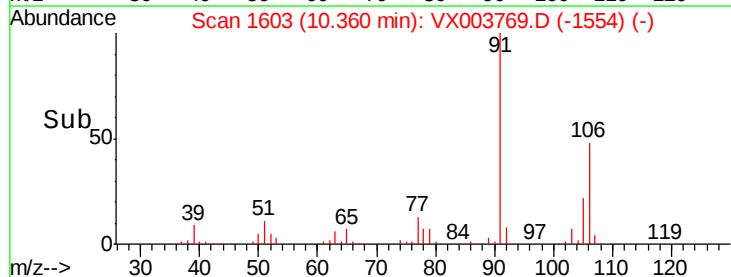
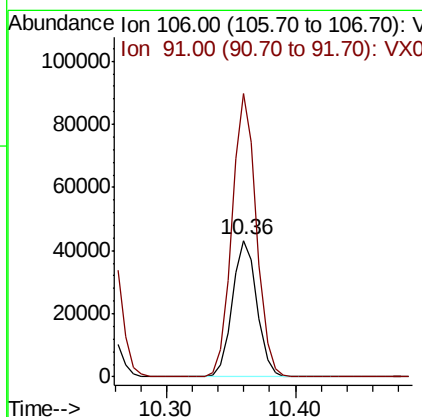
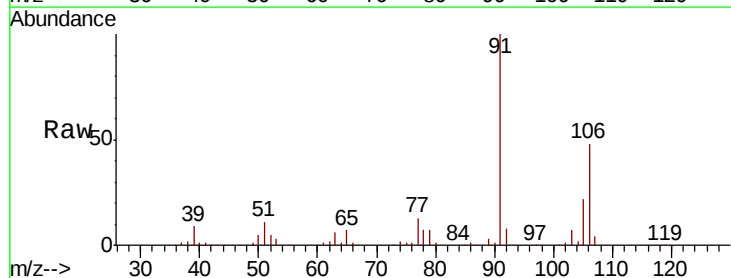
Manual Integrations
APPROVED

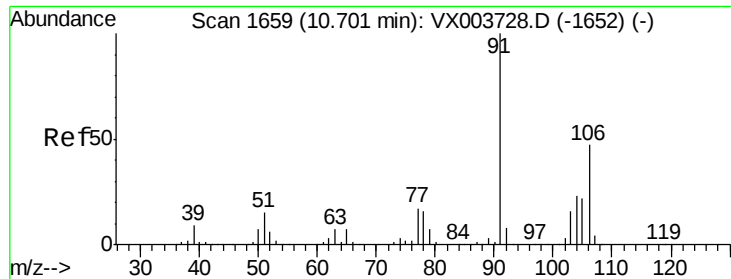
apatel
8/1/2018 6:54:44 PM



#68
m/p-Xylenes
Concen: 43.12 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003769.D
Acq: 01 Aug 2018 00:58

Tgt Ion: 106 Resp: 57832
Ion Ratio Lower Upper
106 100
91 205.6 159.8 239.8





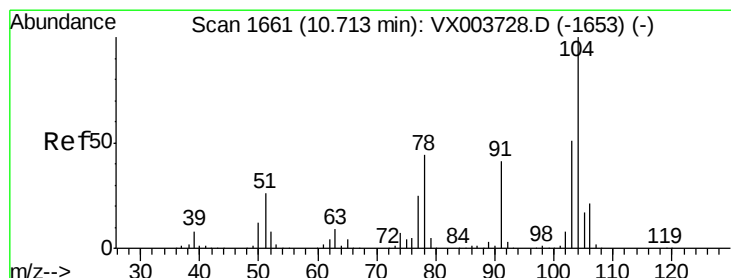
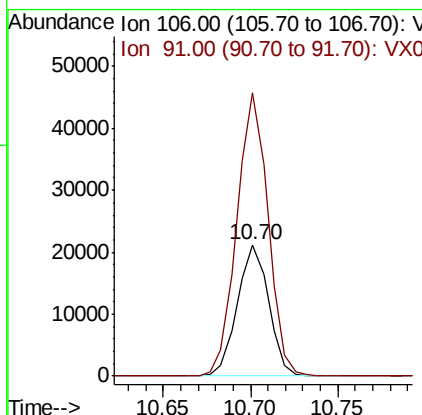
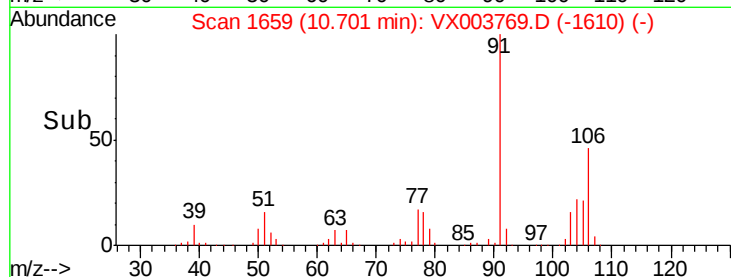
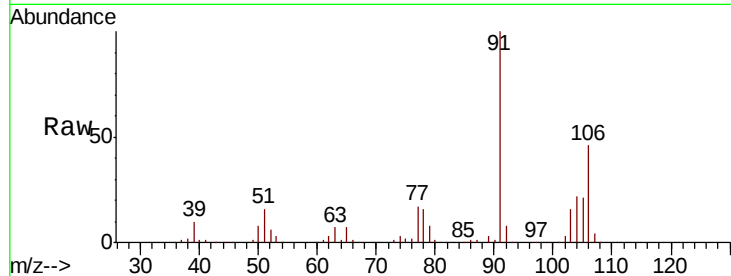
#69
o-Xylene
Concen: 21.16 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003769.D
Acq: 01 Aug 2018 00:58

Instrument :
MSVOA_X
ClientSampleId :
VX0731SBS02

Tot Ion:106 Resp: 26352
Ion Ratio Lower Upper
106 100
91 215.6 105.6 316.8

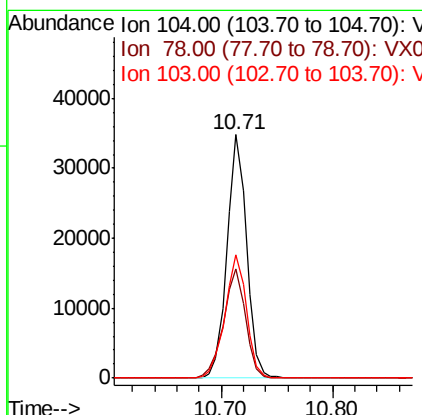
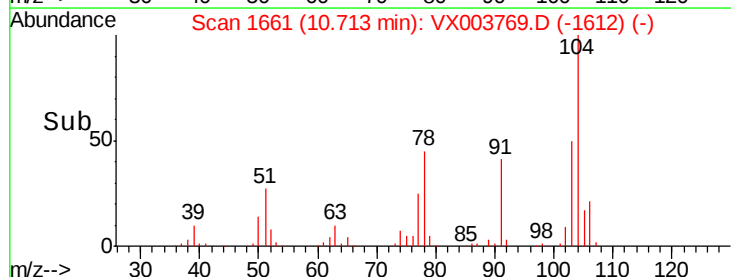
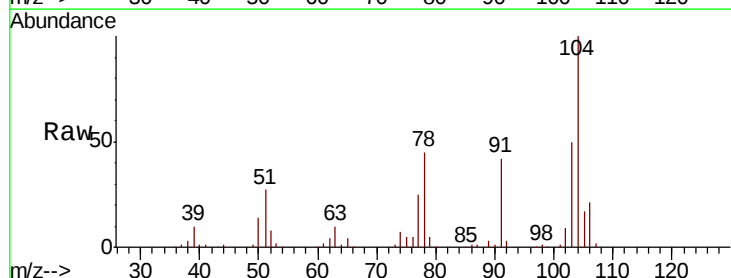
Manual Integrations
APPROVED

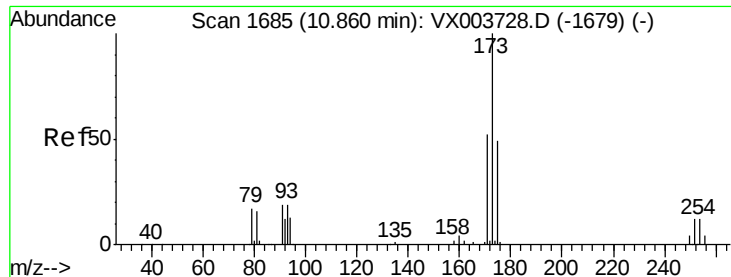
apatel
8/1/2018 6:54:44 PM



#70
Styrene
Concen: 20.31 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003769.D
Acq: 01 Aug 2018 00:58

Tgt Ion:104 Resp: 42556
Ion Ratio Lower Upper
104 100
78 49.9 38.2 57.2
103 55.7 44.5 66.7





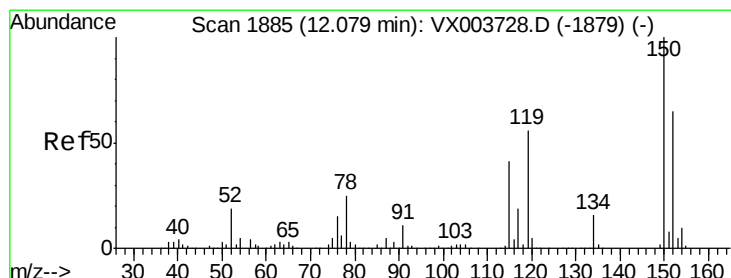
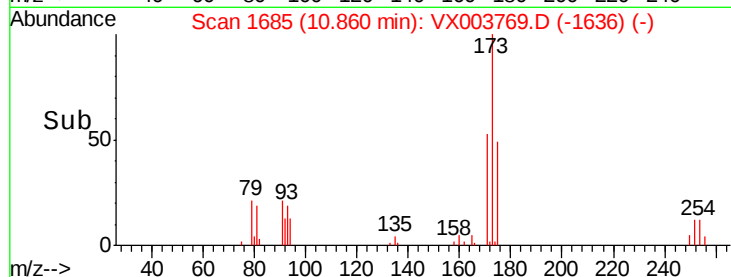
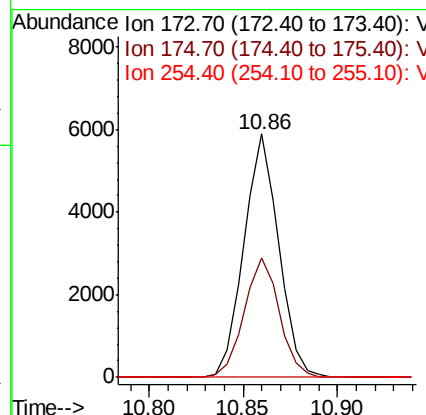
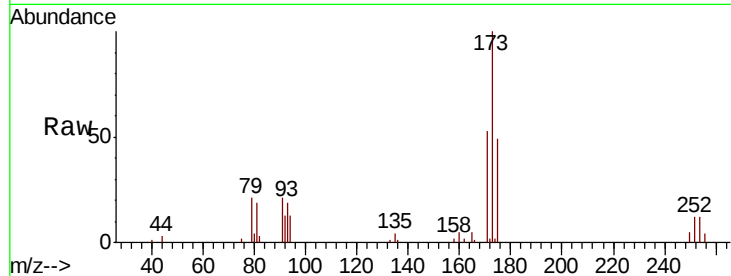
#71
Bromoform
Concen: 16.57 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003769.D
Acq: 01 Aug 2018 00:58

Instrument :
MSVOA_X
ClientSampleId :
VX0731SBS02

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.4	24.9	74.6
254	0.0	0.0	0.0

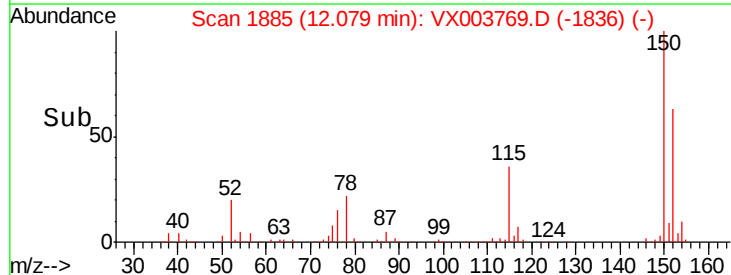
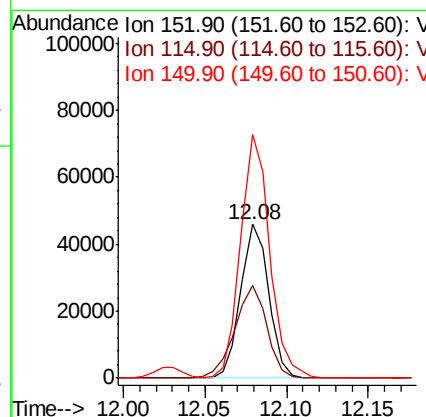
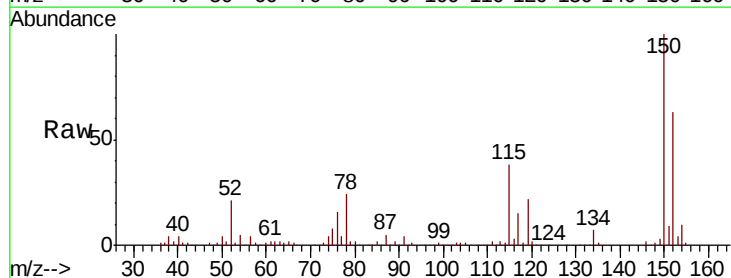
Manual Integrations
APPROVED

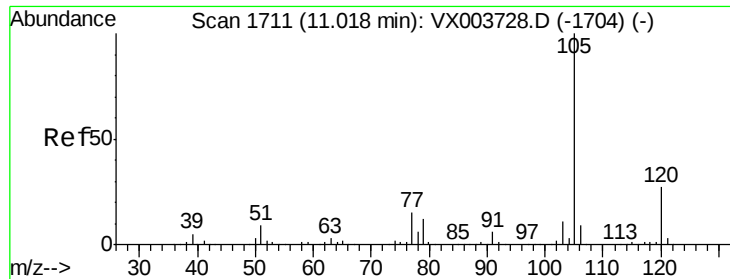
apatel
8/1/2018 6:54:44 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003769.D
Acq: 01 Aug 2018 00:58

Tgt Ion	Ratio	Lower	Upper
152	100		
115	68.4	38.5	115.3
150	164.9	0.0	346.2





#73

Isopropylbenzene

Concen: 22.53 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX003769.D

Acq: 01 Aug 2018 00:58

Instrument :

MSVOA_X

ClientSampleId :

VX0731SBS02

Tot Ion: 105 Resp: 77720

Ion Ratio Lower Upper

105 100

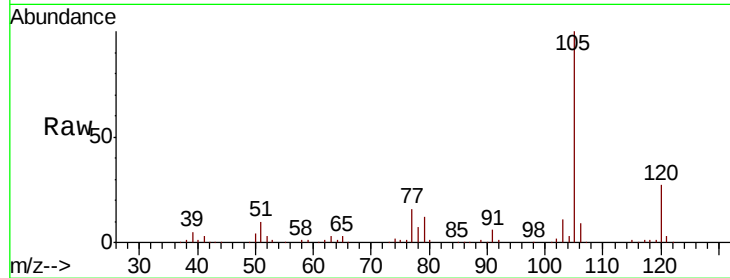
120 26.7 13.5 40.5

Manual Integrations

APPROVED

apatel

8/1/2018 6:54:44 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

60000

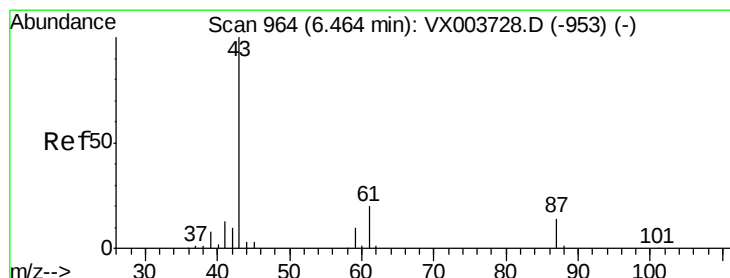
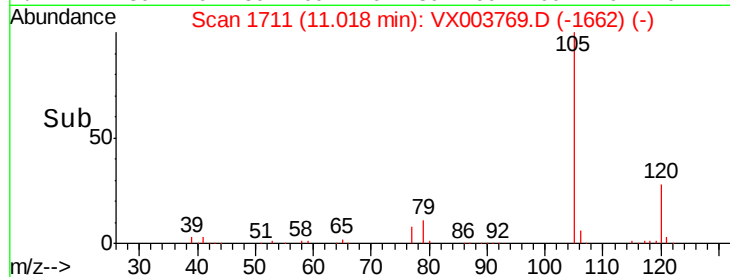
40000

20000

0

Time-->

10.95 11.00 11.05 11.10



#74

N-ethyl acetate

Concen: 22.66 ug/l

RT: 6.46 min Scan# 963

Delta R.T. -0.01 min

Lab File: VX003769.D

Acq: 01 Aug 2018 00:58

Tgt Ion: 43 Resp: 27697

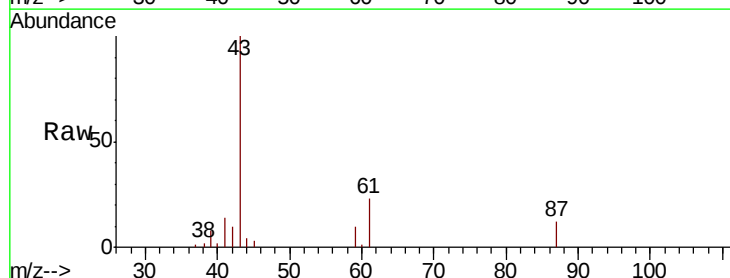
Ion Ratio Lower Upper

43 100

70 0.0 31.0 46.6#

55 0.0 18.9 28.3#

61 20.6 17.8 26.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

6.46

15000

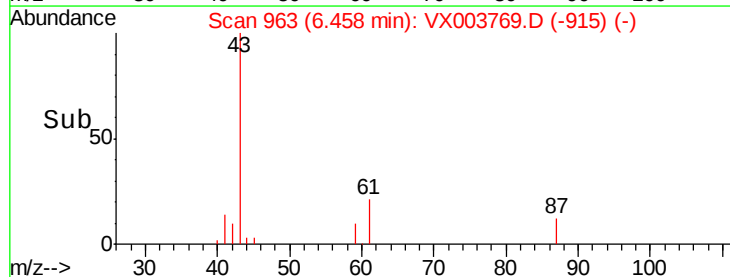
10000

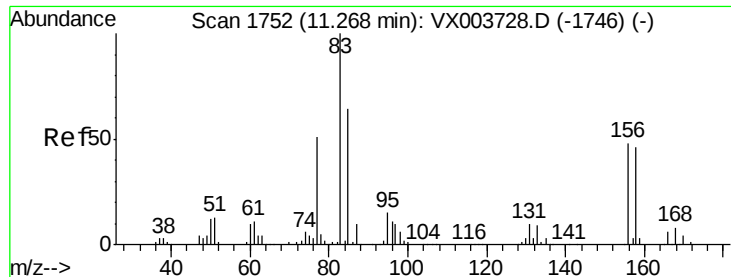
5000

0

Time-->

6.40 6.45 6.50 6.55 6.60





#75

1,1,2,2-Tetrachloroethane

Concen: 20.65 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. 0.00 min

Lab File: VX003769.D

Acq: 01 Aug 2018 00:58

Instrument :

MSVOA_X

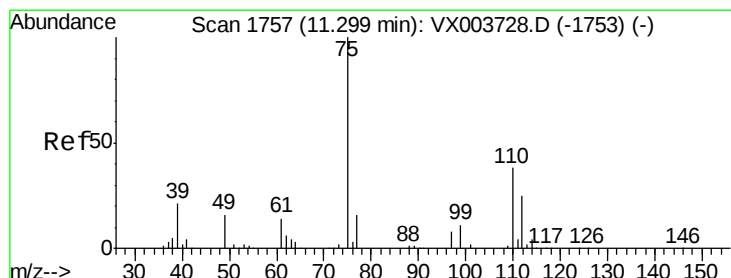
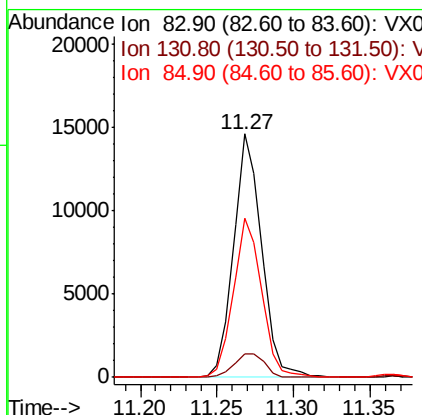
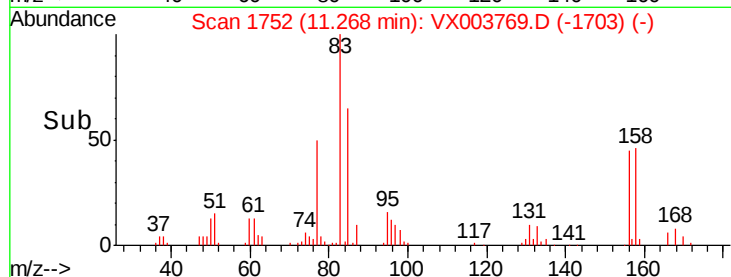
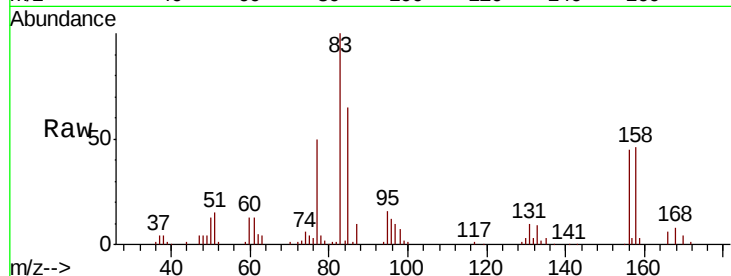
ClientSampleId :

VX0731SBS02

Tot Ion:	83	Resp:	18518
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.3	15.9
85	66.1	32.0	96.2

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#76

1,2,3-Trichloropropane

Concen: 22.00 ug/l m

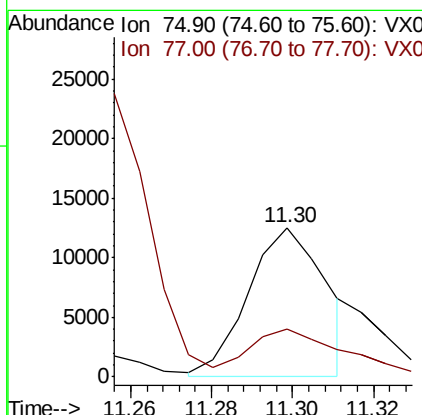
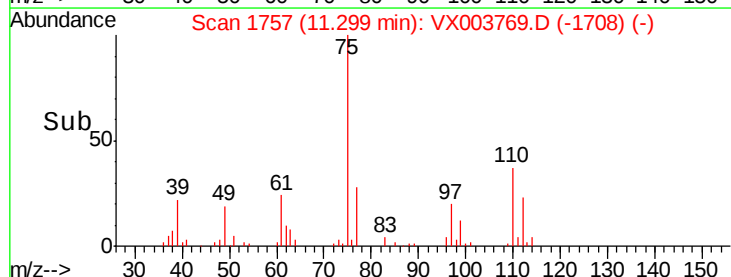
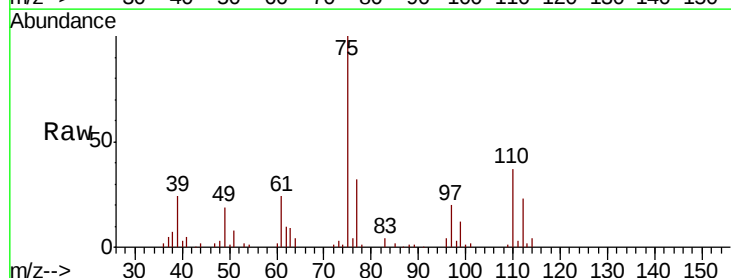
RT: 11.30 min Scan# 1757

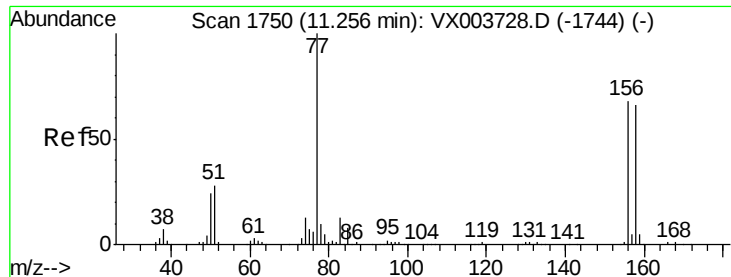
Delta R.T. 0.00 min

Lab File: VX003769.D

Acq: 01 Aug 2018 00:58

Tgt Ion:	75	Resp:	16709
Ion Ratio	Lower	Upper	
75	100		
77	39.6	21.6	65.0





#77

Bromobenzene

Concen: 22.19 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003769.D

Acq: 01 Aug 2018 00:58

Instrument :

MSVOA_X

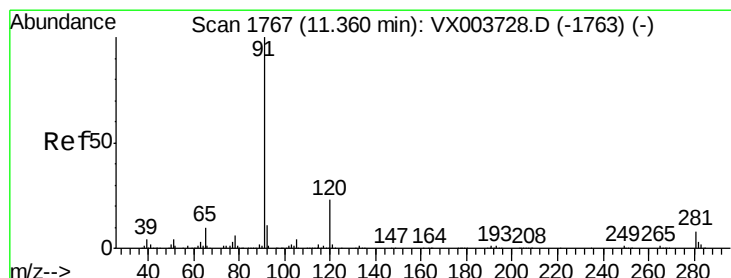
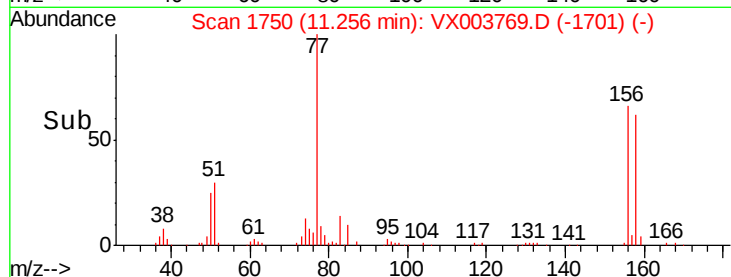
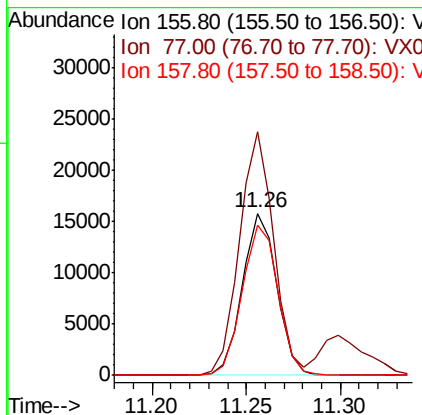
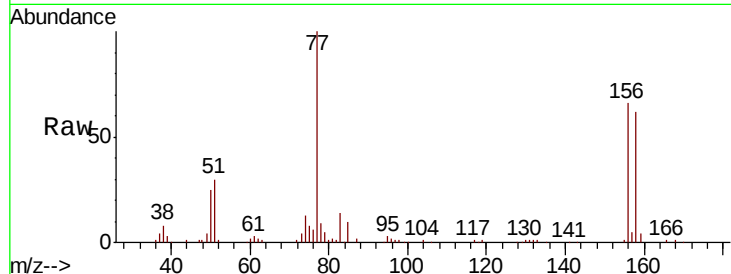
ClientSampleId :

VX0731SBS02

Tot Ion:	156	Resp:	19951
Ion Ratio	Lower	Upper	
156	100		
77	149.6	71.8	215.3
158	96.2	48.8	146.4

Manual Integrations
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#78

n-propylbenzene

Concen: 24.29 ug/l

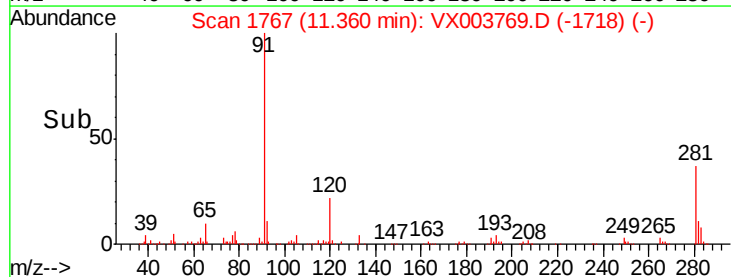
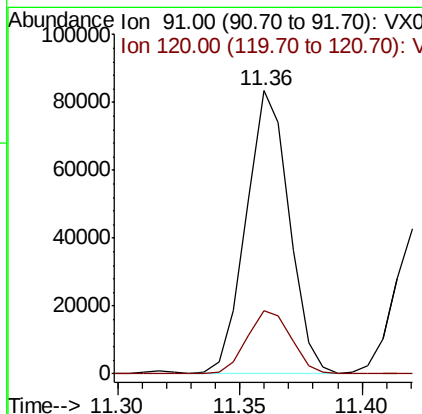
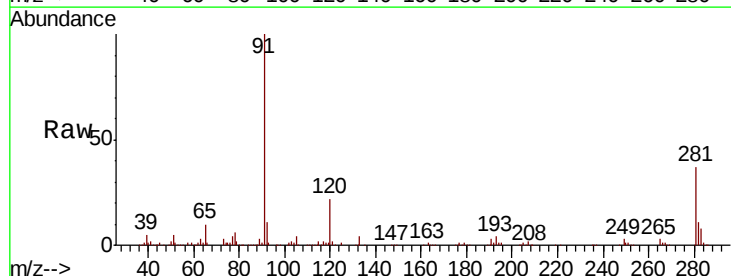
RT: 11.36 min Scan# 1767

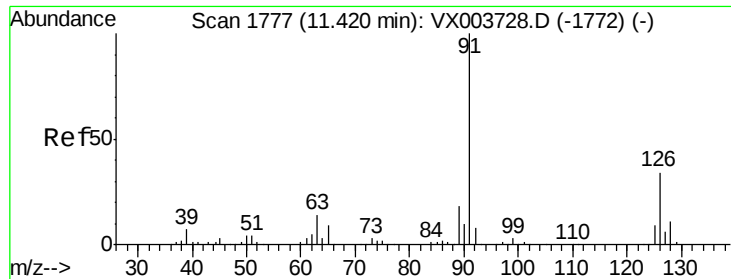
Delta R.T. 0.00 min

Lab File: VX003769.D

Acq: 01 Aug 2018 00:58

Tgt Ion:	91	Resp:	101507
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.9	35.5





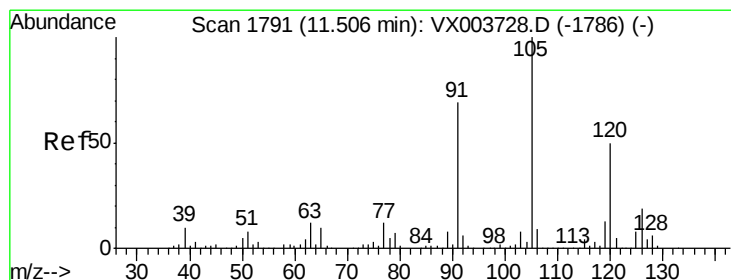
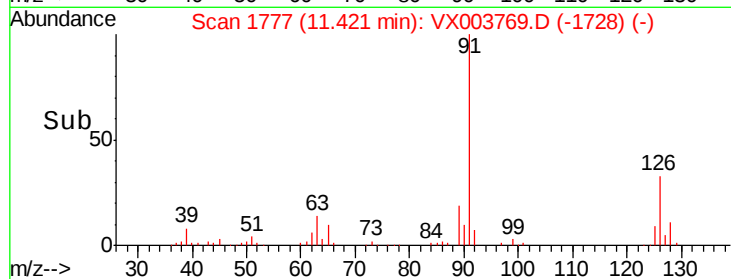
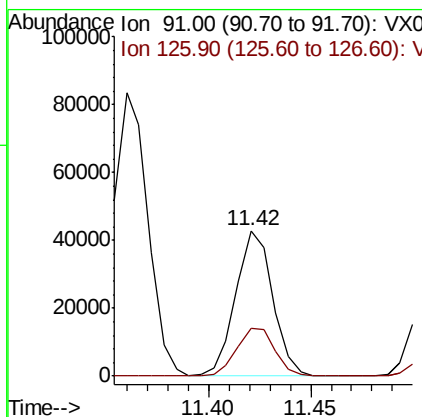
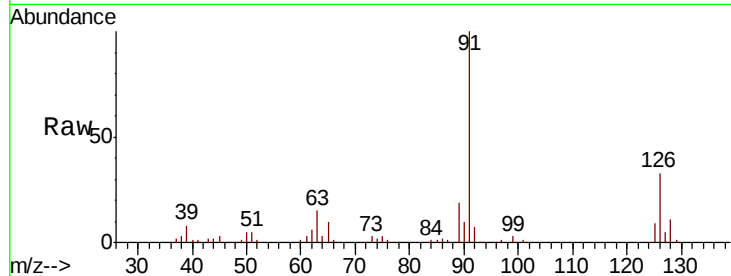
#79
 2-Chlorotoluene
 Concen: 22.57 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. 0.00 min
 Lab File: VX003769.D
 Acq: 01 Aug 2018 00:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731SBS02

Tot Ion: 91 Resp: 53542
 Ion Ratio Lower Upper
 91 100
 126 34.6 17.6 52.8

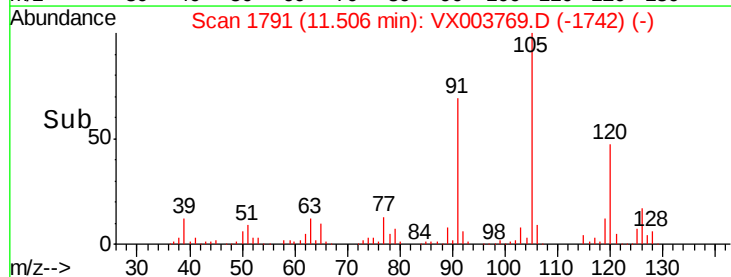
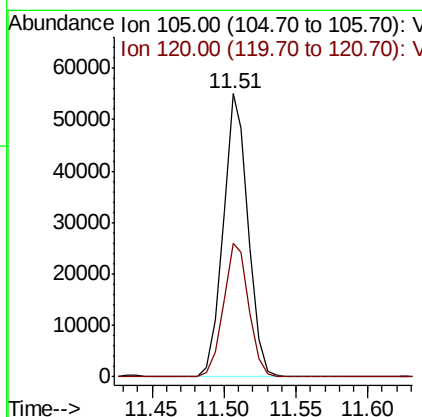
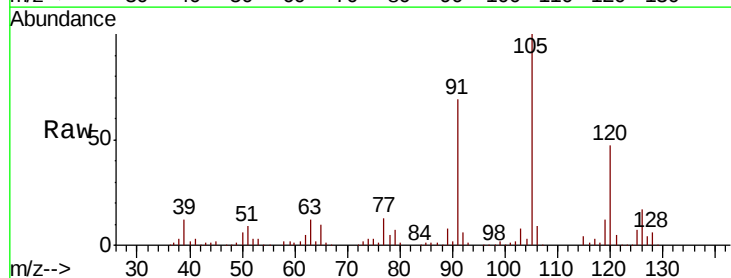
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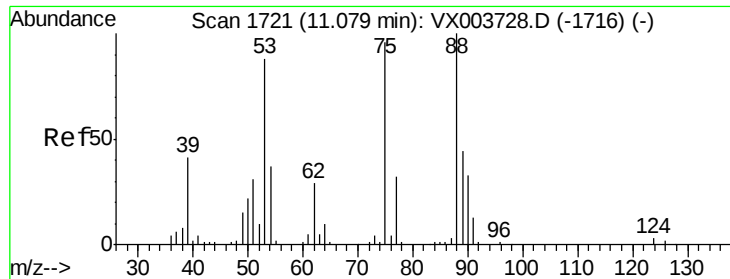
apatel
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#80
 1,3,5-Trimethylbenzene
 Concen: 22.70 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX003769.D
 Acq: 01 Aug 2018 00:58

Tgt Ion: 105 Resp: 66834
 Ion Ratio Lower Upper
 105 100
 120 48.2 15.8 47.4#





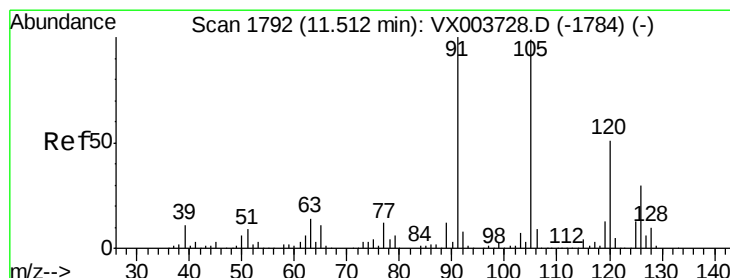
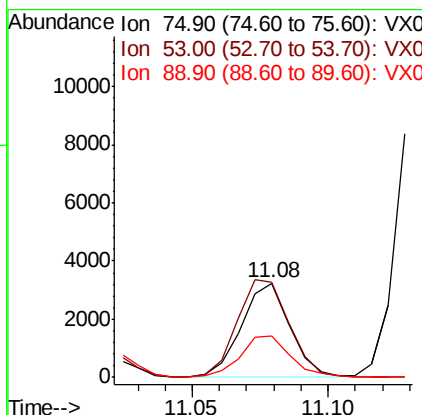
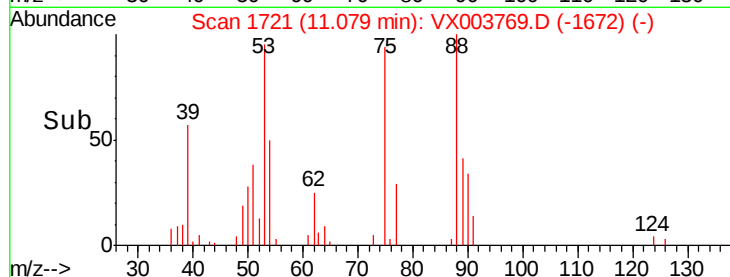
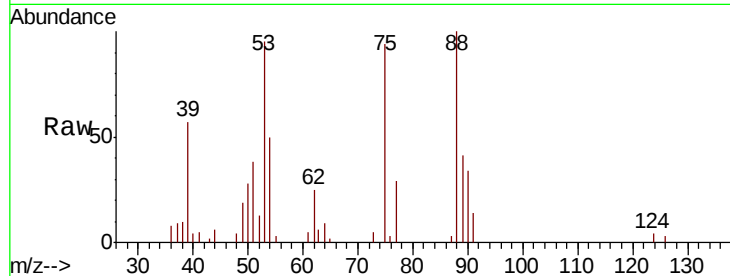
#81
trans-1,4-Dichloro-2-butene
Concen: 15.66 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX003769.D
Acq: 01 Aug 2018 00:58

Instrument :
MSVOA_X
ClientSampleId :
VX0731SBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	111.9	75.8	113.8
89	45.3	39.1	58.7

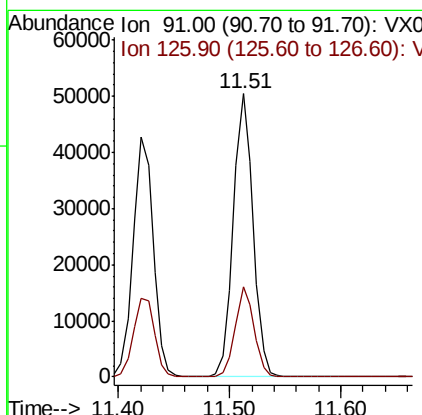
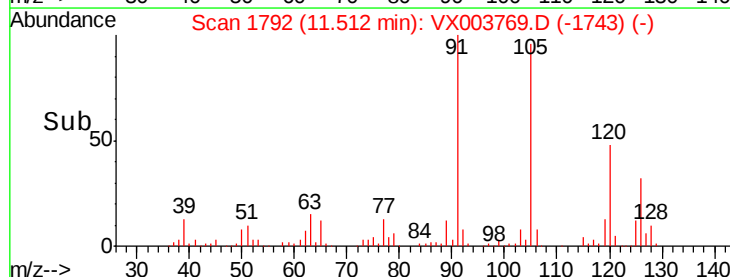
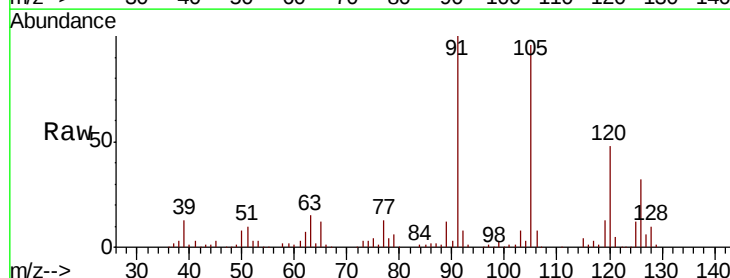
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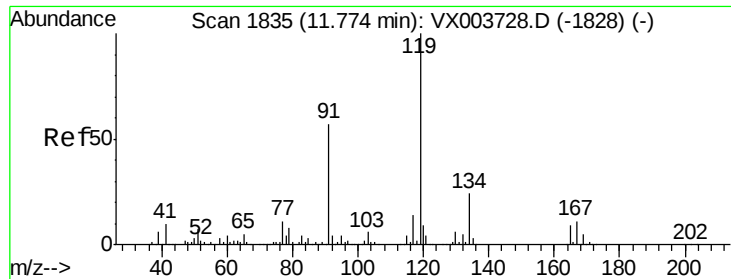
apatel
8/1/2018 6:54:44 PM



#82
4-Chlorotoluene
Concen: 21.60 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX003769.D
Acq: 01 Aug 2018 00:58

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.2	15.6	46.7





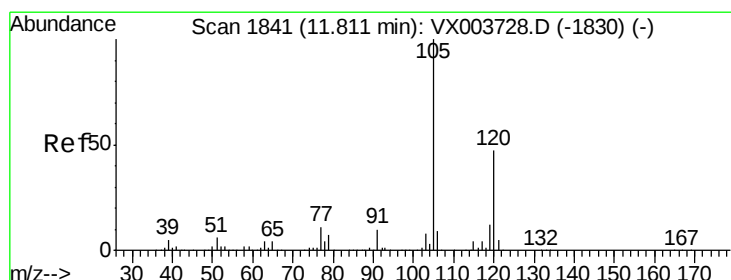
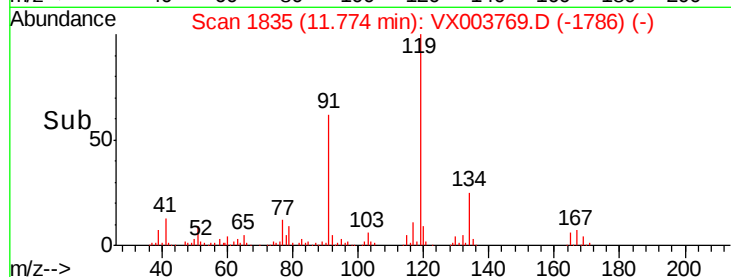
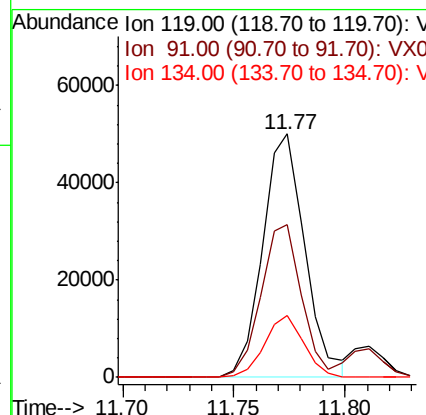
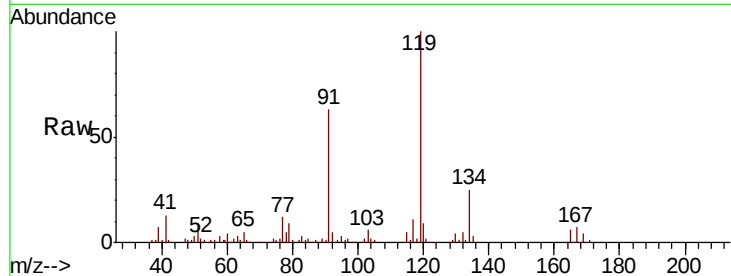
#83
 tert-Butylbenzene
 Concen: 22.66 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003769.D
 Acq: 01 Aug 2018 00:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731SBS02

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.2	27.2	81.6
134	23.6	11.6	34.8

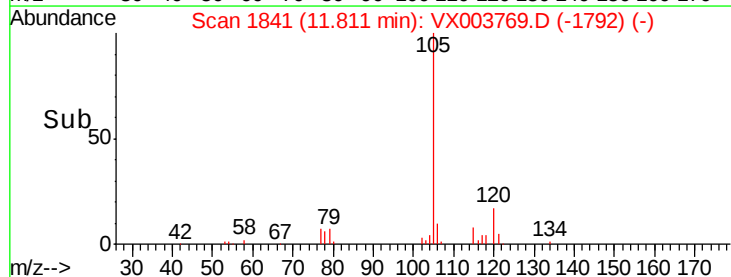
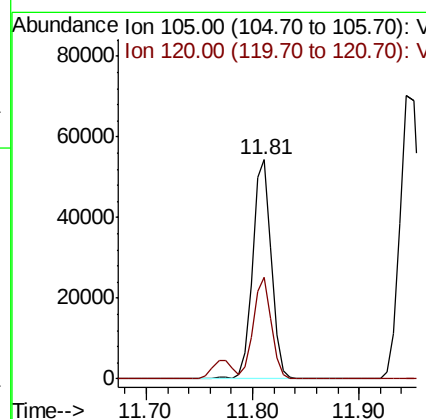
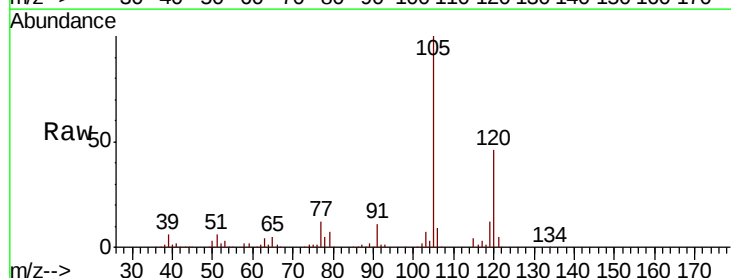
Manual Integrations
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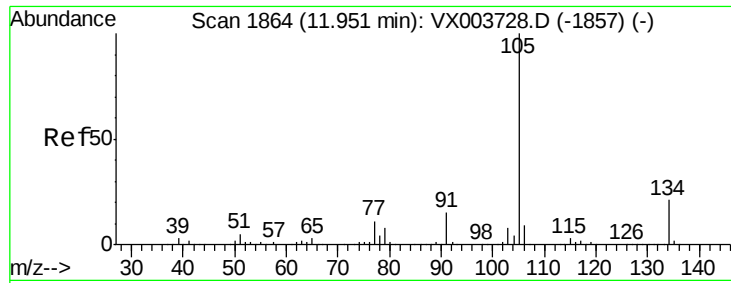
apatel
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#84
 1,2,4-Trimethylbenzene
 Concen: 22.03 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003769.D
 Acq: 01 Aug 2018 00:58

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.8	23.1	69.2





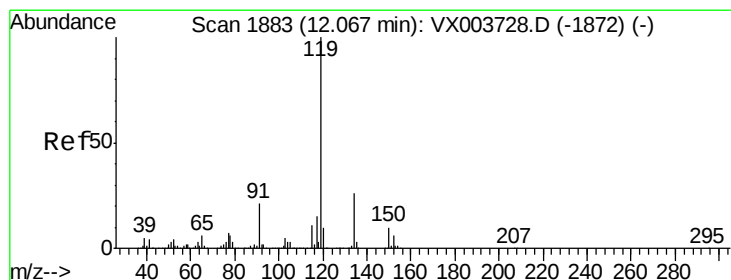
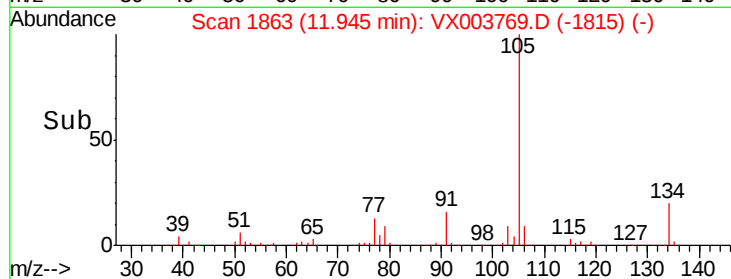
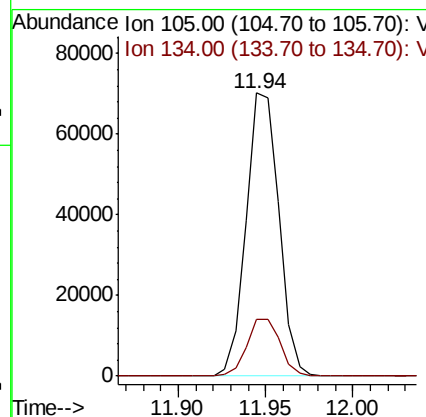
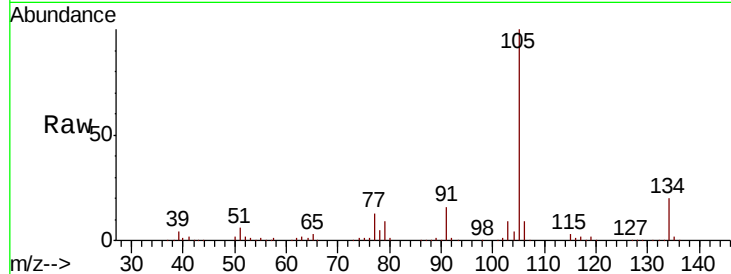
#85
 sec-Butylbenzene
 Concen: 24.59 ug/l
 RT: 11.94 min Scan# 1863
 Delta R.T. -0.01 min
 Lab File: VX003769.D
 Acq: 01 Aug 2018 00:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731SBS02

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.3	10.3	30.8

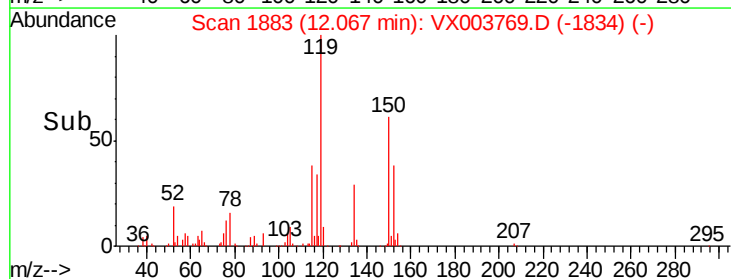
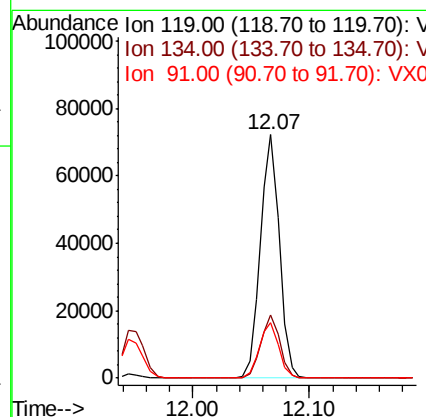
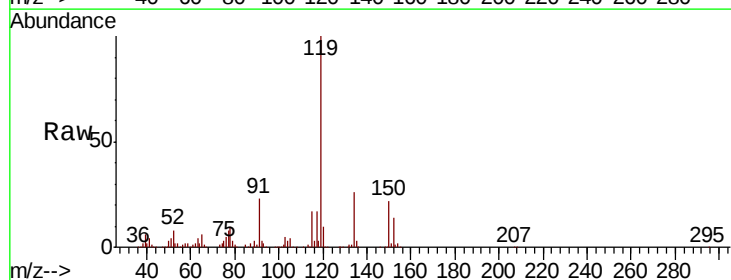
Manual Integrations
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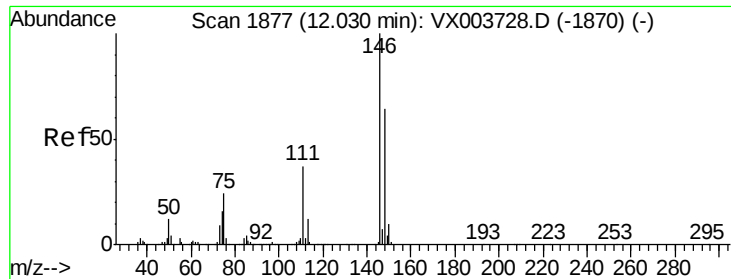
apatel
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#86
 p-Isopropyltoluene
 Concen: 24.49 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX003769.D
 Acq: 01 Aug 2018 00:58

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.8	10.1	30.1
91	23.1	23.6	70.8#





#87

1,3-Dichlorobenzene

Concen: 22.01 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX003769.D

Acq: 01 Aug 2018 00:58

Instrument :

MSVOA_X

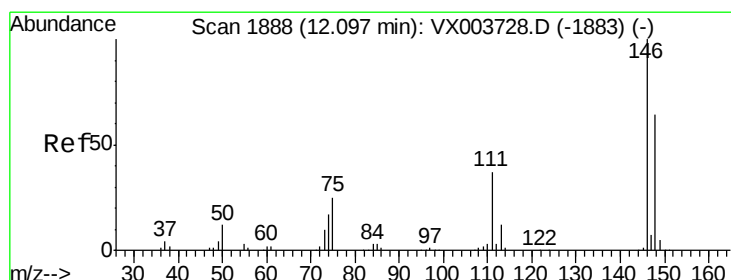
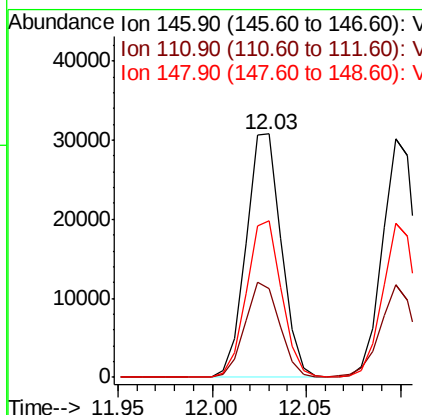
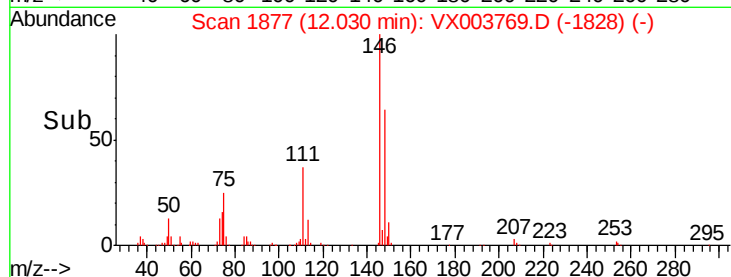
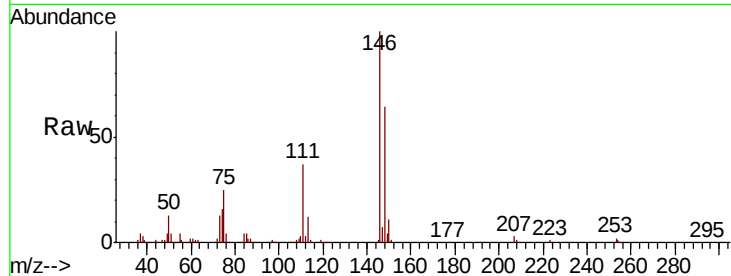
ClientSampleId :

VX0731SBS02

Tot Ion:	146	Resp:	40028
Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.8	56.3
148	63.7	31.9	95.9

Manual Integrations
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8/1/2018 6:54:44 PM



#88

1,4-Dichlorobenzene

Concen: 20.38 ug/l

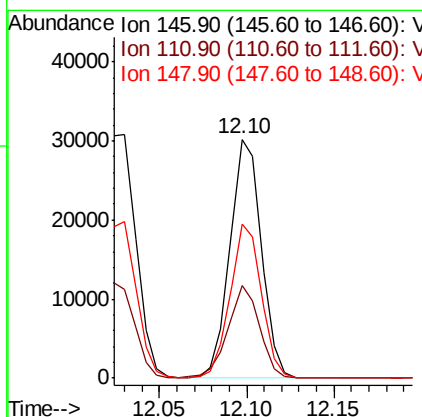
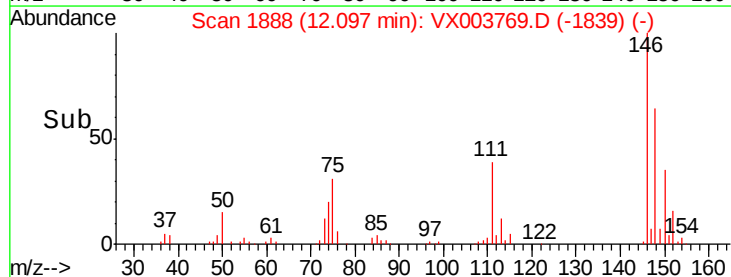
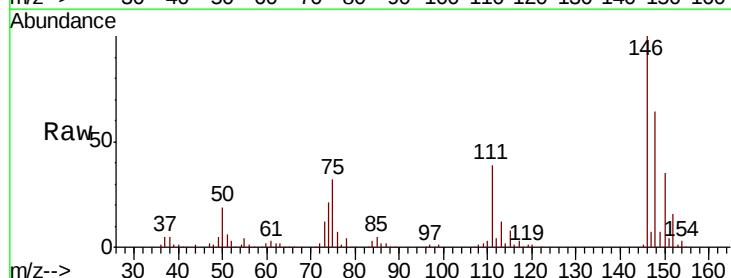
RT: 12.10 min Scan# 1888

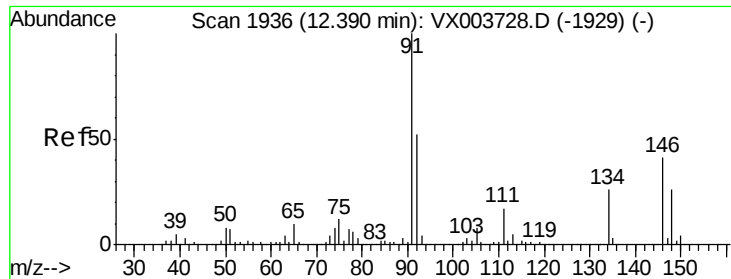
Delta R.T. 0.00 min

Lab File: VX003769.D

Acq: 01 Aug 2018 00:58

Tgt Ion:	146	Resp:	37828
Ion	Ratio	Lower	Upper
146	100		
111	39.1	18.3	54.9
148	64.1	32.0	96.2





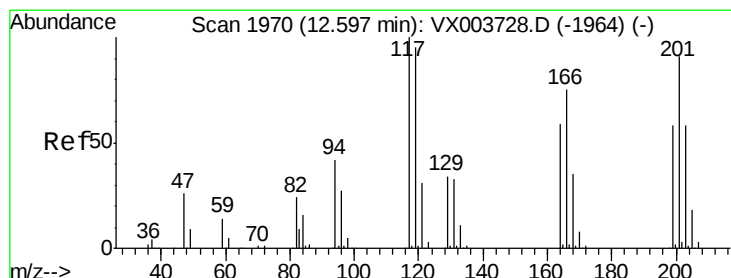
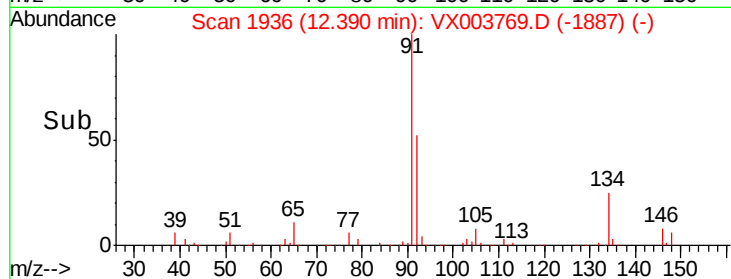
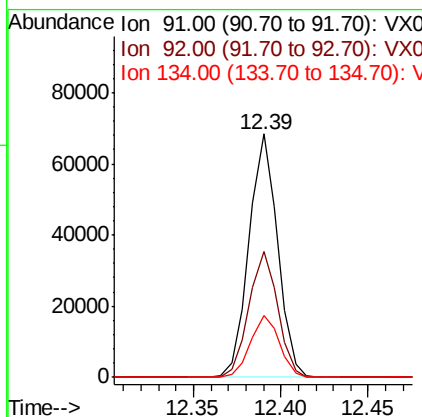
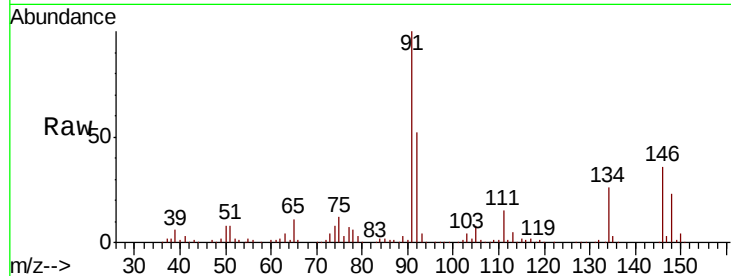
#89
n-Butylbenzene
Concen: 24.13 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003769.D
Acq: 01 Aug 2018 00:58

Instrument :
MSVOA_X
ClientSampleId :
VX0731SBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.2	78.5
134	25.9	13.6	40.7

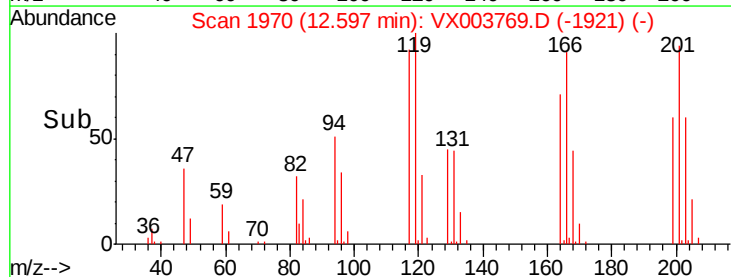
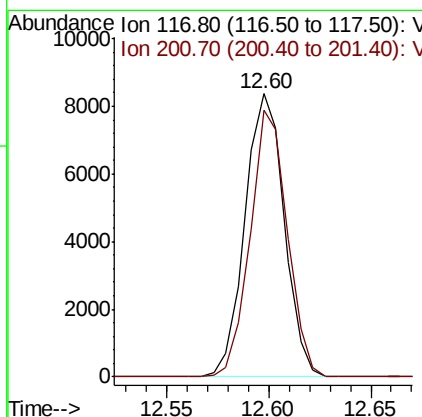
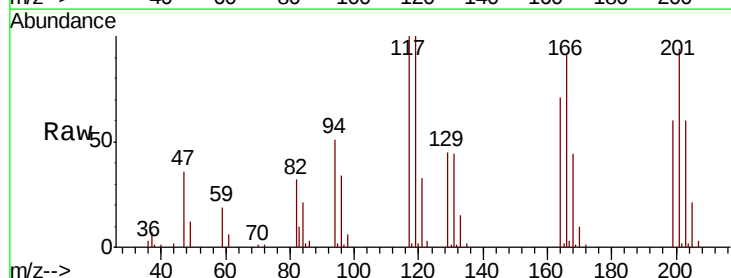
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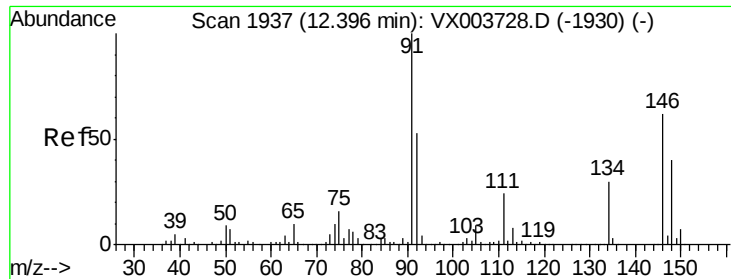
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#90
Hexachloroethane
Concen: 22.24 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003769.D
Acq: 01 Aug 2018 00:58

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.3	49.3	147.8





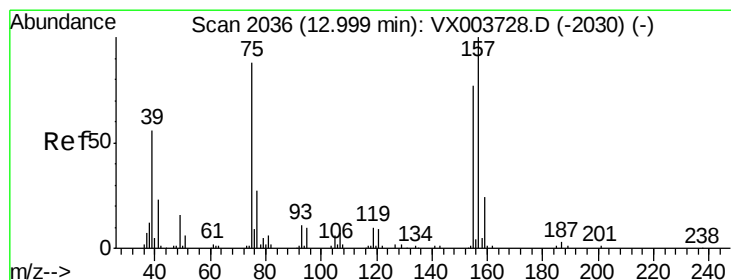
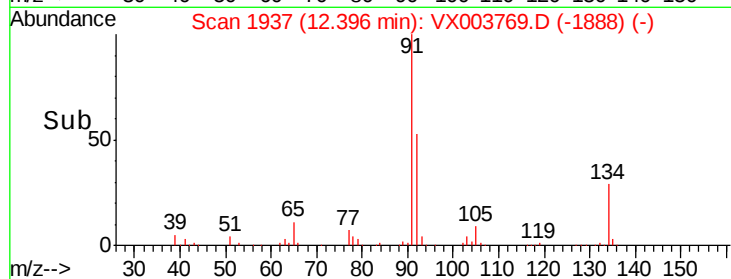
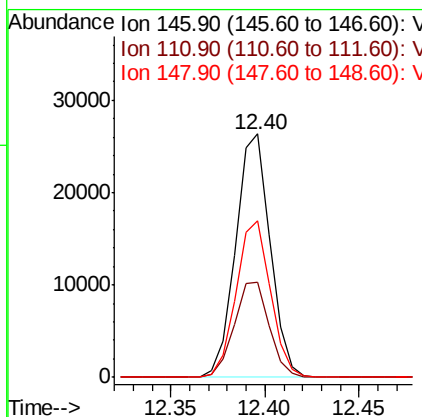
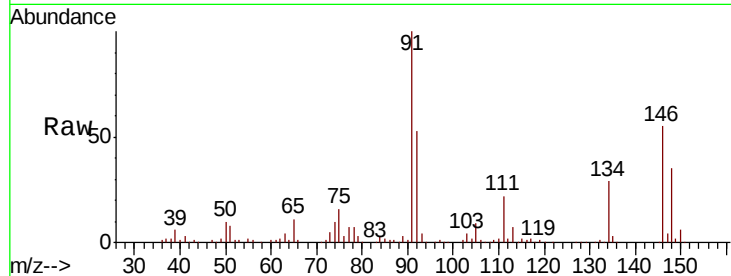
#91
1,2-Dichlorobenzene
Concen: 19.73 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX003769.D
Acq: 01 Aug 2018 00:58

Instrument :
MSVOA_X
ClientSampleId :
VX0731SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.4	58.4
148	64.0	32.0	96.0

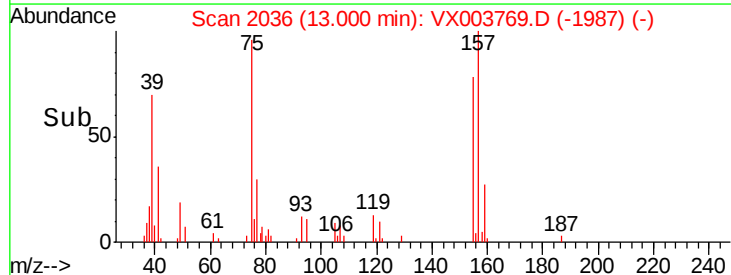
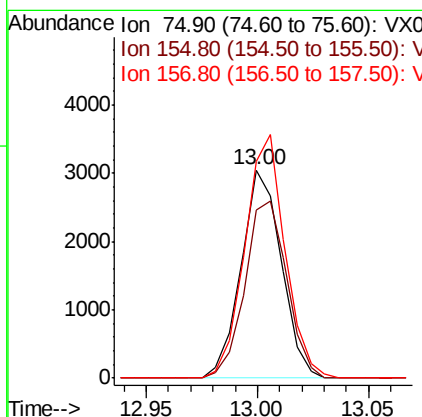
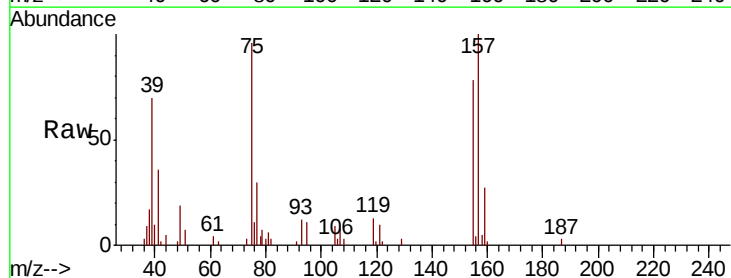
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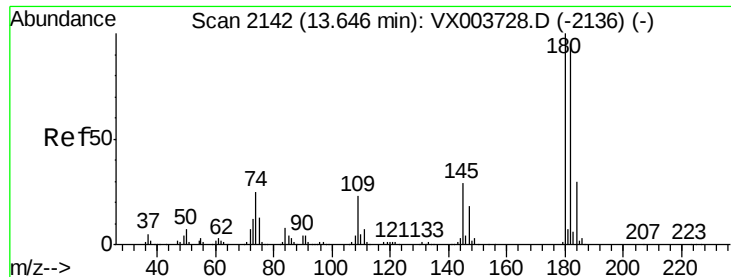
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#92
1,2-Dibromo-3-Chloropropane
Concen: 21.61 ug/l
RT: 13.00 min Scan# 2036
Delta R.T. 0.00 min
Lab File: VX003769.D
Acq: 01 Aug 2018 00:58

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.5	48.9	146.7
157	116.5	63.7	191.1





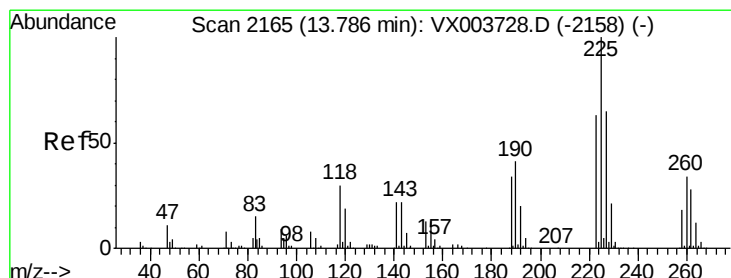
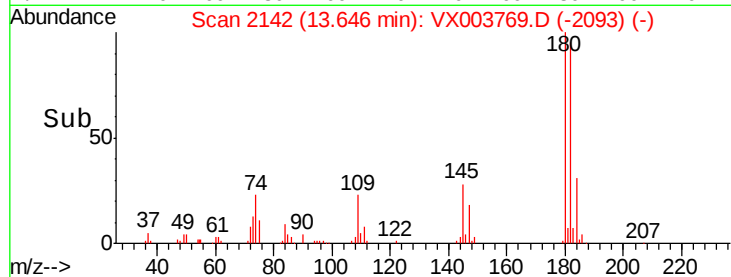
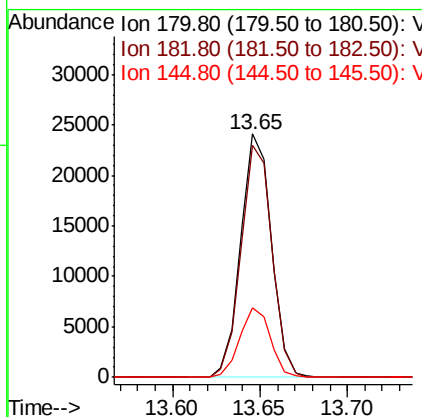
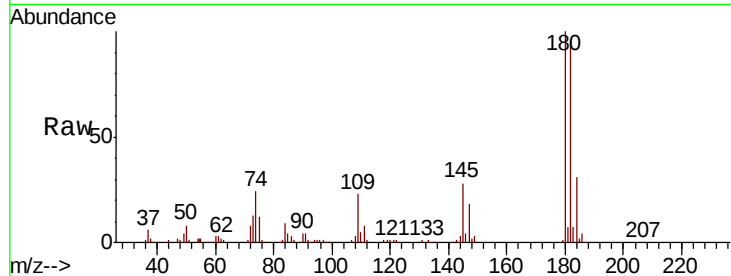
#93
 1,2,4-Trichlorobenzene
 Concen: 21.94 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VX003769.D
 Acq: 01 Aug 2018 00:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731SBS02

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.6	142.9
145	28.4	14.1	42.2

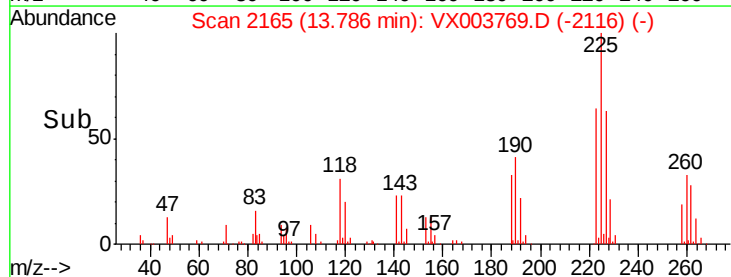
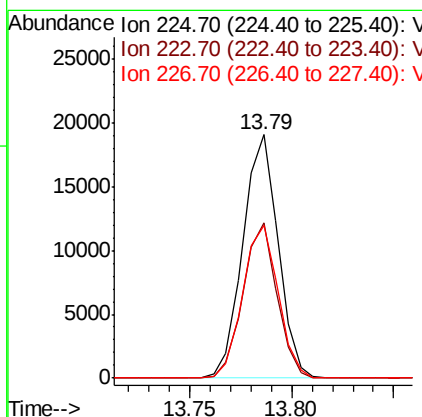
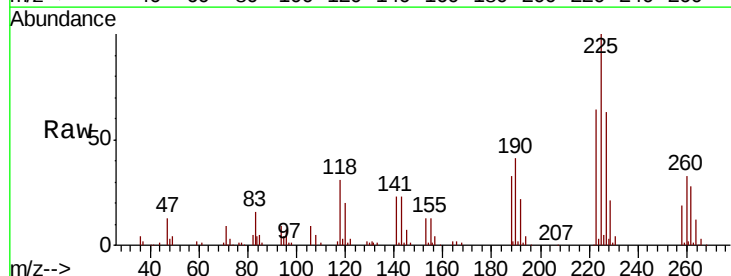
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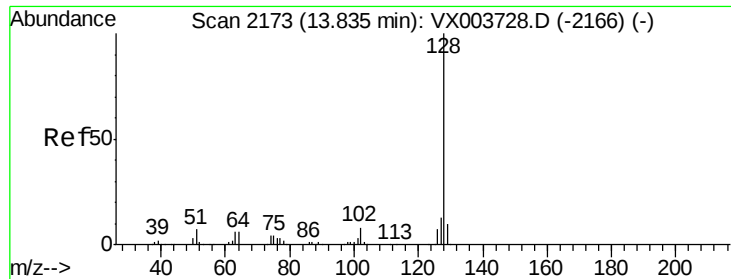
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#94
 Hexachlorobutadiene
 Concen: 26.64 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003769.D
 Acq: 01 Aug 2018 00:58

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.4	31.1	93.5
227	63.4	31.9	95.9





#95

Naphthalene

Concen: 24.89 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX003769.D

Acq: 01 Aug 2018 00:58

Instrument :

MSVOA_X

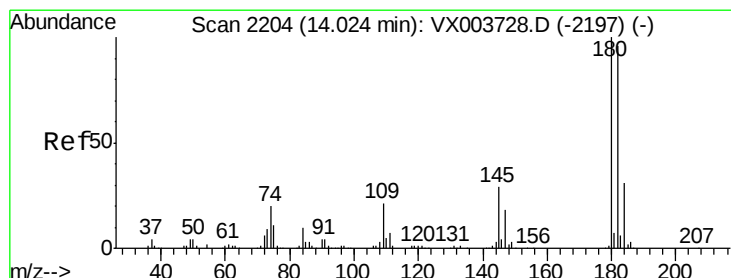
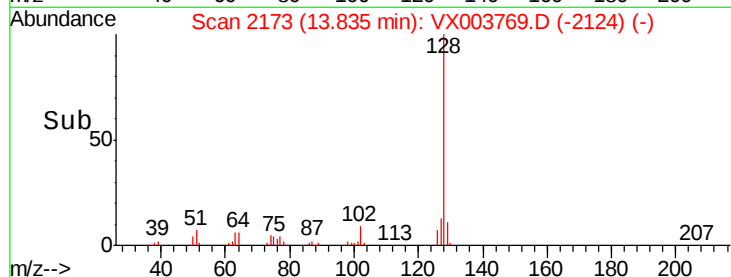
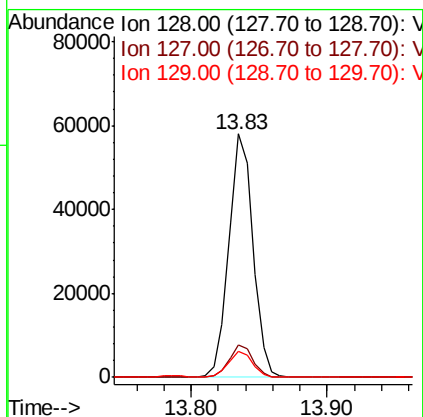
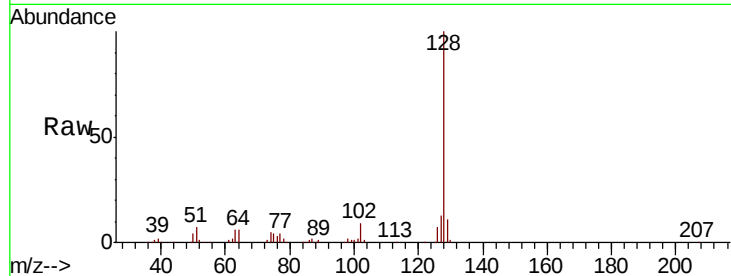
ClientSampleId :

VX0731SBSD02

Tot Ion:	128	Resp:	71459
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.2
129	10.8	8.7	13.1

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 19.48 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX003769.D

Acq: 01 Aug 2018 00:58

Tgt Ion:	180	Resp:	23763
Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.9	143.8
145	30.5	14.7	44.1

