

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080118\
 Data File : VX003794.D
 Acq On : 01 Aug 2018 15:26
 Operator : JC/SP
 Sample : VX0801SBS01
 Misc : 5.00G/5.0mL/MSVOA X/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0801SBS01

Manual Integrations
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 8/2/2018 4:19:52 PM

Quant Time: Aug 02 06:35:22 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	117816	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	160678	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.12	117	141153	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	81104	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	53699	45.07	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	90.14%	
35) Dibromofluoromethane	5.49	113	48919	51.71	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	103.42%	
50) Toluene-d8	8.71	98	190686	48.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.68%	
62) 4-Bromofluorobenzene	11.14	95	69320	47.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	20473	20.588	ug/l	91
3) Chloromethane	1.32	50	23788	19.030	ug/l	96
4) Vinyl Chloride	1.40	62	23566	17.526	ug/l #	88
5) Bromomethane	1.63	94	14524	18.561	ug/l	98
6) Chloroethane	1.71	64	14208	15.979	ug/l	96
7) Trichlorofluoromethane	1.92	101	30703	17.414	ug/l	99
8) Diethyl Ether	2.18	74	12288	18.441	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	20052	17.928	ug/l	98
10) Methyl Iodide	2.50	142	16511	12.840	ug/l	98
11) Tert butyl alcohol	3.08	59	15525	80.464	ug/l	99
12) 1,1-Dichloroethene	2.37	96	18301	17.379	ug/l	97
13) Acrolein	2.29	56	5943	94.146	ug/l	96
14) Allyl chloride	2.71	41	33342	17.861	ug/l	99
15) Acrylonitrile	3.15	53	45479	92.685	ug/l	99
16) Acetone	2.45	43	30376	66.740	ug/l	96
17) Carbon Disulfide	2.56	76	54848	16.008	ug/l	99
18) Methyl Acetate	2.78	43	19021	14.871	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	55550	19.380	ug/l	100
20) Methylene Chloride	2.85	84	24601	18.519	ug/l	89
21) trans-1,2-Dichloroethene	3.15	96	22646	19.626	ug/l	95
22) Diisopropyl ether	3.87	45	66549	19.748	ug/l #	89
23) Vinyl Acetate	3.82	43	248736	102.341	ug/l	100
24) 1,1-Dichloroethane	3.69	63	38750	19.718	ug/l	99
25) 2-Butanone	4.70	43	55255	83.279	ug/l	95
26) 2,2-Dichloropropane	4.58	77	29602	19.125	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	23322	18.755	ug/l	99
28) Bromochloromethane	5.02	49	15903	18.040	ug/l	99
29) Tetrahydrofuran	5.15	42	38343	90.682	ug/l	99
30) Chloroform	5.20	83	39151	20.217	ug/l	86
31) Cyclohexane	5.57	56	38179	20.112	ug/l	88
32) 1,1,1-Trichloroethane	5.49	97	34125	20.503	ug/l	98
36) 1,1-Dichloropropene	5.79	75	31493	20.929	ug/l	98
37) Ethyl Acetate	4.85	43	22799	19.724	ug/l	99
38) Carbon Tetrachloride	5.78	117	28190	20.254	ug/l	98

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Manual Integrations
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Quant Time: Aug 02 06:35:22 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)
39) Methylcyclohexane	7.46	83	36161	19.574	ug/l	95
40) Benzene	6.14	78	90171	20.911	ug/l #	89
41) Methacrylonitrile	5.05	41	12901	19.801	ug/l	99
42) 1,2-Dichloroethane	6.19	62	28303	21.731	ug/l	98
43) Isopropyl Acetate	6.46	43	36609	19.878	ug/l	99
44) Trichloroethene	7.21	130	24547	19.955	ug/l	94
45) 1,2-Dichloropropane	7.52	63	21868	20.622	ug/l	99
46) Dibromomethane	7.67	93	12056	19.729	ug/l	97
47) Bromodichloromethane	7.90	83	24671	20.259	ug/l	99
48) Methyl methacrylate	7.77	41	17782	19.249	ug/l	100
49) 1,4-Dioxane	7.76	88	6644	356.341	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	106024	93.675	ug/l	100
52) Toluene	8.79	92	55184	20.516	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	27238	19.584	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	31757	20.484	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	19260	20.805	ug/l	98
56) Ethyl methacrylate	9.18	69	25039	19.691	ug/l	100
57) 1,3-Dichloropropane	9.37	76	31824	20.479	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	53156	89.421	ug/l	99
59) 2-Hexanone	9.49	43	79648	92.373	ug/l	99
60) Dibromochloromethane	9.59	129	18691	20.048	ug/l	98
61) 1,2-Dibromoethane	9.67	107	18897	19.993	ug/l	100
64) Tetrachloroethene	9.34	164	22888	20.629	ug/l	97
65) Chlorobenzene	10.14	112	62113	21.058	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	20153	20.951	ug/l	100
67) Ethyl Benzene	10.26	91	104279	20.937	ug/l	99
68) m/p-Xylenes	10.36	106	81528	41.845	ug/l	99
69) o-Xylene	10.70	106	37668	20.821	ug/l	97
70) Styrene	10.71	104	64458	21.179	ug/l	99
71) Bromoform	10.86	173	12775	19.316	ug/l #	98
73) Isopropylbenzene	11.02	105	105834	20.844	ug/l	99
74) N-amyl acetate	6.46	43	36609	20.342	ug/l #	56
75) 1,1,2,2-Tetrachloroethane	11.27	83	25809	19.552	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	22484m	20.113	ug/l	
77) Bromobenzene	11.26	156	27486	20.764	ug/l	98
78) n-propylbenzene	11.36	91	126603	20.582	ug/l	100
79) 2-Chlorotoluene	11.42	91	72262	20.692	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	90307	20.838	ug/l #	68
81) trans-1,4-Dichloro-2-buten	11.08	75	7159	18.969	ug/l #	88
82) 4-Chlorotoluene	11.51	91	87977	20.770	ug/l	100
83) tert-Butylbenzene	11.77	119	88424	20.629	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	92929	20.832	ug/l	99
85) sec-Butylbenzene	11.95	105	113119	20.627	ug/l	100
86) p-Isopropyltoluene	12.07	119	102674	20.600	ug/l #	70
87) 1,3-Dichlorobenzene	12.03	146	55181	20.608	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	55821	20.433	ug/l	99
89) n-Butylbenzene	12.39	91	96533	20.349	ug/l	100
90) Hexachloroethane	12.60	117	14704	19.867	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	51373	20.601	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	4878	18.624	ug/l	97

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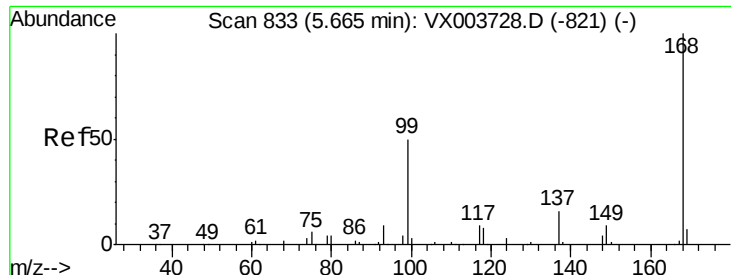
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	40823	20.637	ug/l	100
94) Hexachlorobutadiene	13.79	225	24937	19.713	ug/l	99
95) Naphthalene	13.83	128	85891	20.319	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	36807	20.498	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003794.D

Acq: 01 Aug 2018 15:26

Instrument :

MSVOA_X

ClientSampled :

VX0801SBS01

Tot Ion:168 Resp: 117816

Ion Ratio Lower Upper

168 100

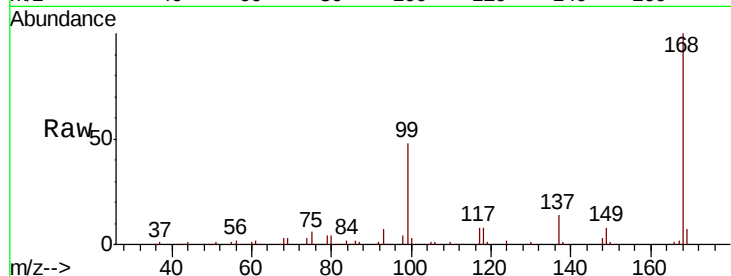
99 47.7 40.2 60.2

Manual Integrations

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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

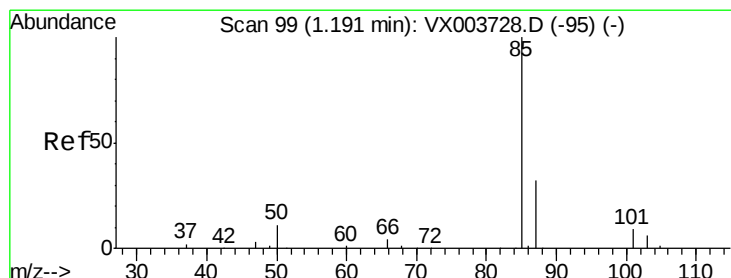
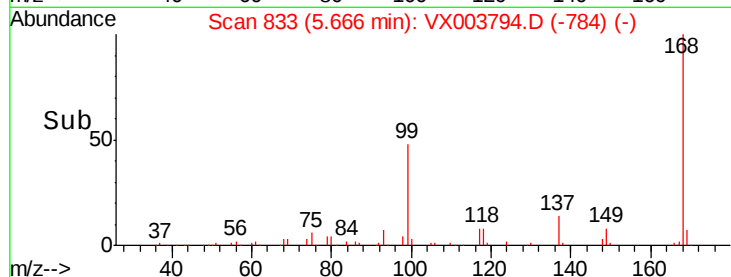
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 20.588 ug/l

RT: 1.19 min Scan# 99

Delta R.T. 0.00 min

Lab File: VX003794.D

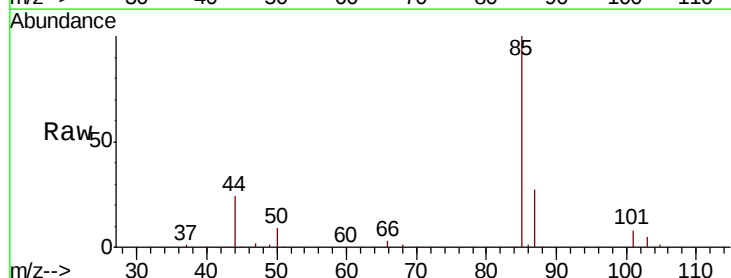
Acq: 01 Aug 2018 15:26

Tgt Ion: 85 Resp: 20473

Ion Ratio Lower Upper

85 100

87 26.9 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

25000

20000

15000

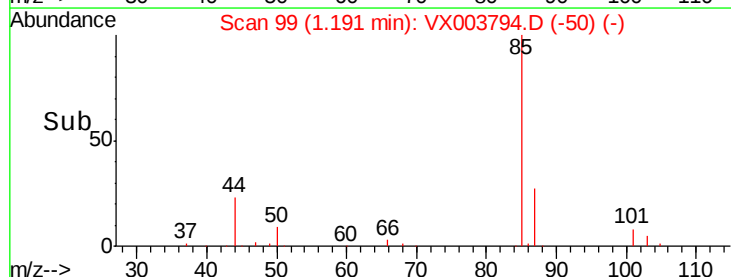
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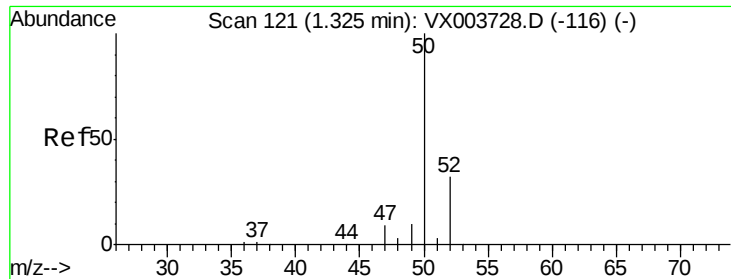
5000

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 19.030 ug/l

RT: 1.32 min Scan# 120

Delta R.T. -0.01 min

Lab File: VX003794.D

Acq: 01 Aug 2018 15:26

Instrument :

MSVOA_X

ClientSampleId :

VX0801SBS01

Tot Ion: 50 Resp: 23788

Ion Ratio Lower Upper

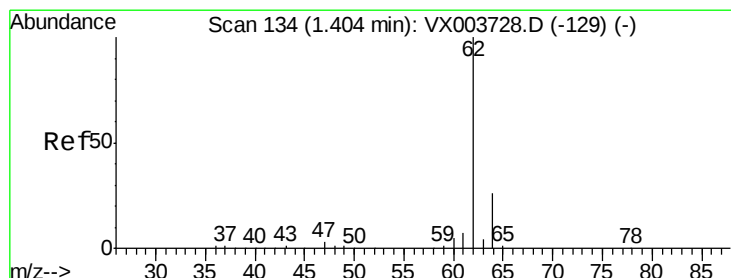
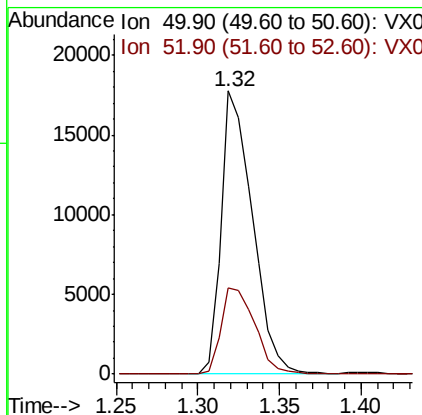
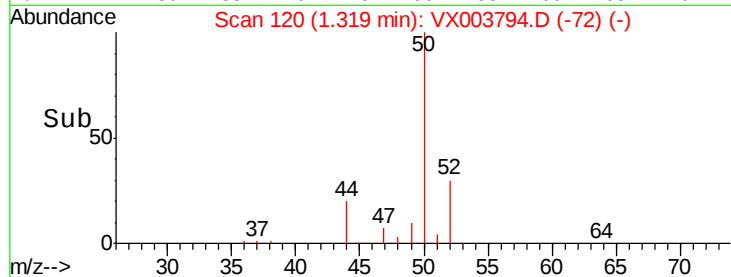
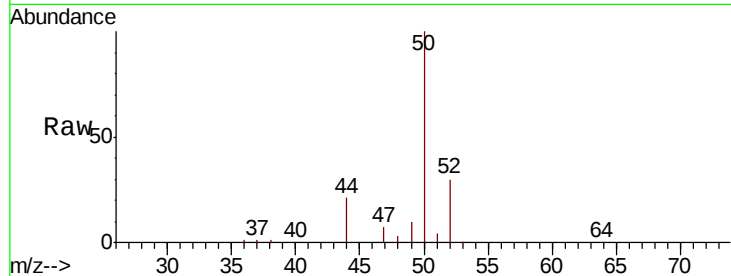
50 100

52 30.3 25.9 38.9

Manual Integrations
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#4

Vinyl Chloride

Concen: 17.526 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003794.D

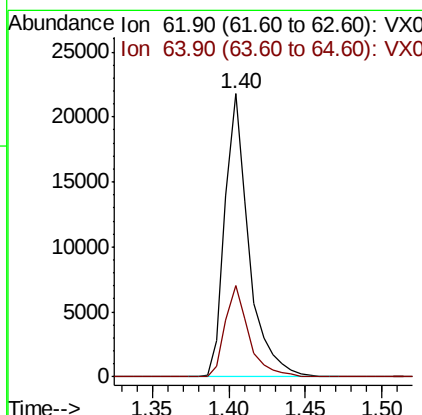
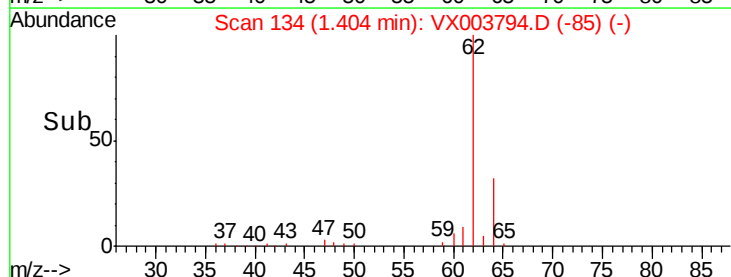
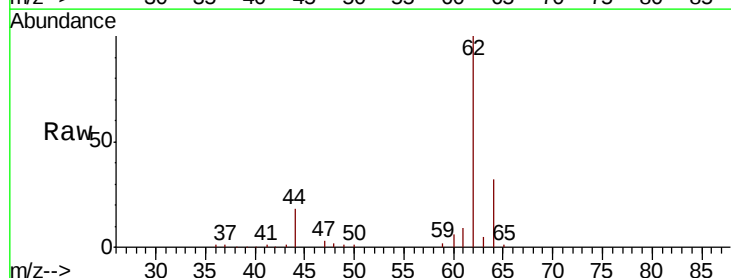
Acq: 01 Aug 2018 15:26

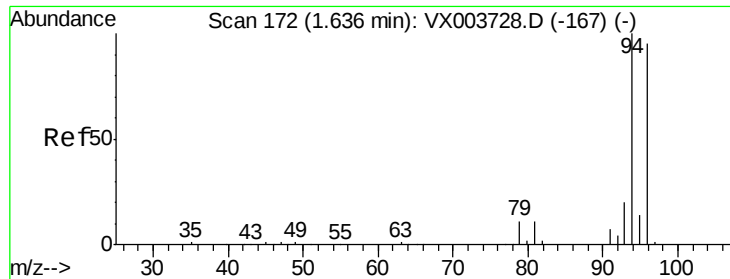
Tgt Ion: 62 Resp: 23566

Ion Ratio Lower Upper

62 100

64 32.3 21.0 31.4#





#5

Bromomethane

Concen: 18.561 ug/l

RT: 1.63 min Scan# 171

Delta R.T. -0.01 min

Lab File: VX003794.D

Acq: 01 Aug 2018 15:26

Instrument :

MSVOA_X

ClientSampleId :

VX0801SBS01

Tot Ion: 94 Resp: 14524

Ion Ratio Lower Upper

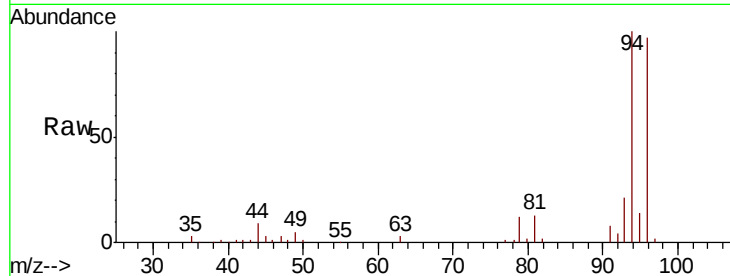
94 100

96 97.3 76.0 114.0

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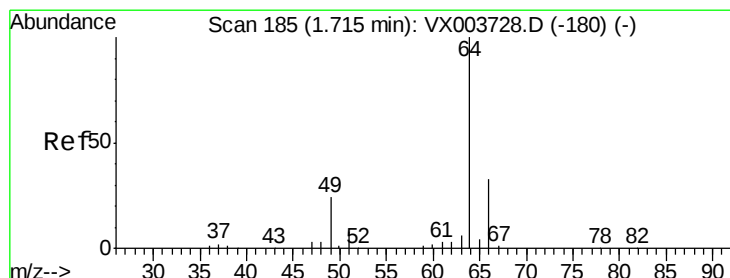
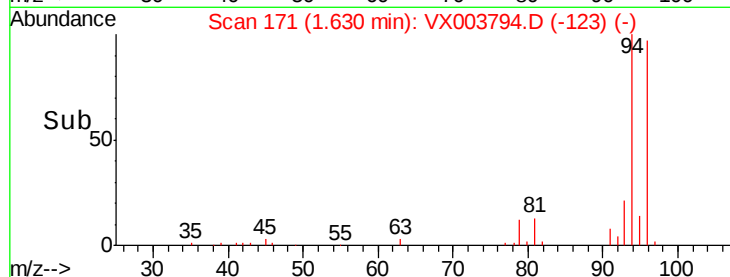
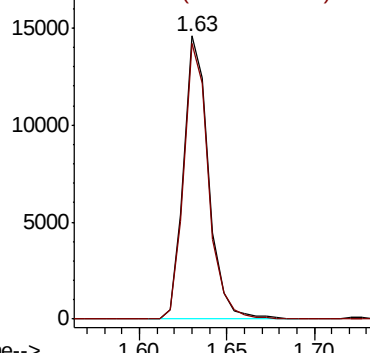
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 15.979 ug/l

RT: 1.71 min Scan# 184

Delta R.T. -0.01 min

Lab File: VX003794.D

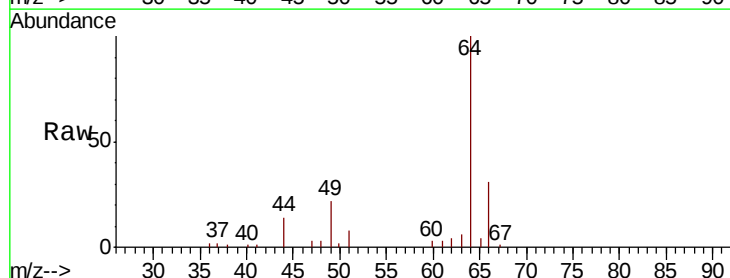
Acq: 01 Aug 2018 15:26

Tgt Ion: 64 Resp: 14208

Ion Ratio Lower Upper

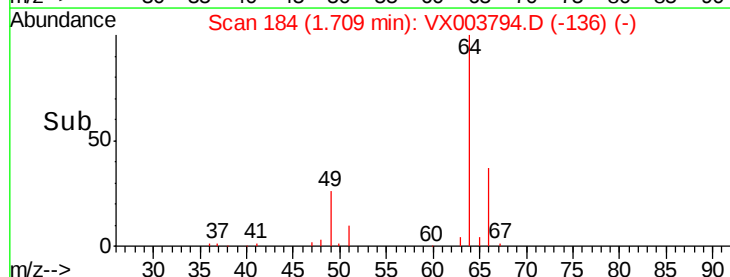
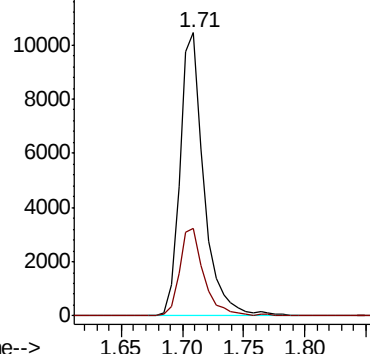
64 100

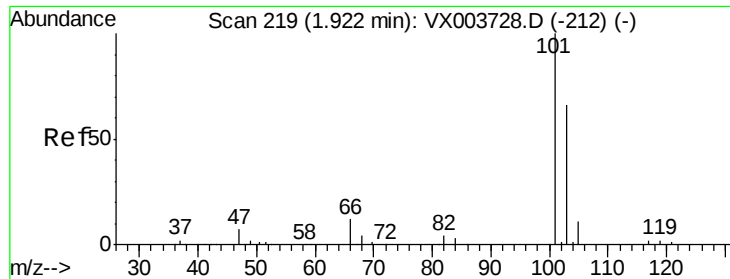
66 30.8 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

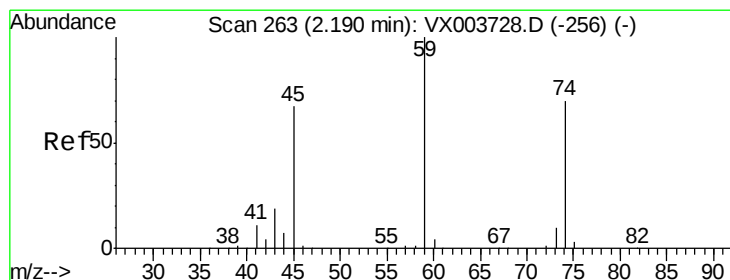
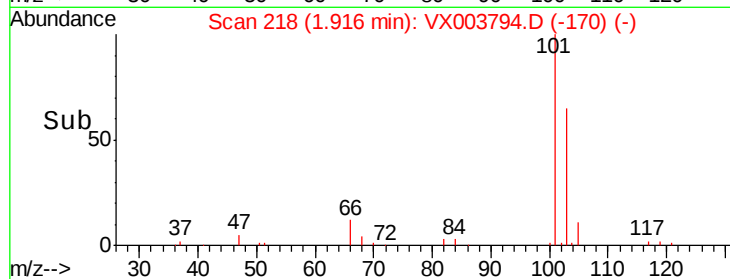
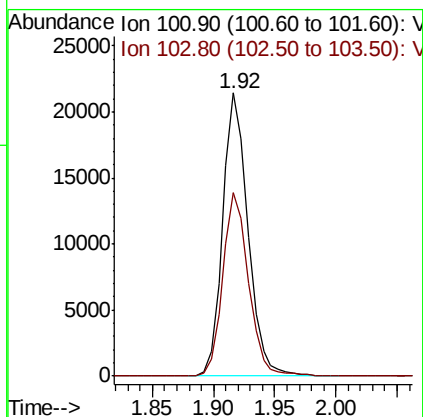
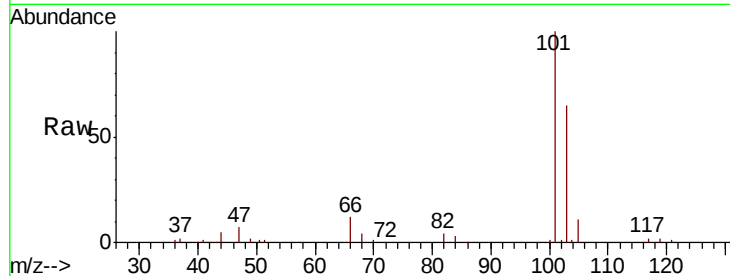
Trichlorofluoromethane
 Concen: 17.414 ug/l
 RT: 1.92 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: VX003794.D
 Acq: 01 Aug 2018 15:26

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 MSVOA_X
 ClientSampleId :
 VX0801SBS01

Tot Ion:101 Resp: 30703
 Ion Ratio Lower Upper
 101 100
 103 64.7 52.6 78.8

Manual Integrations
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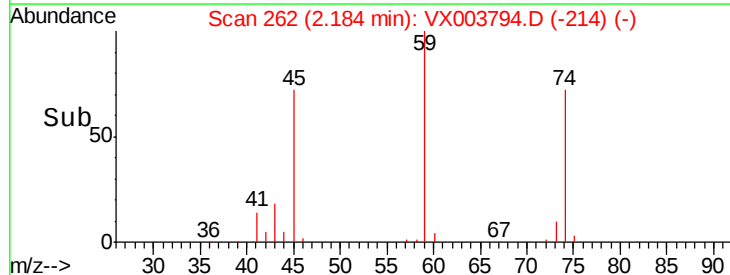
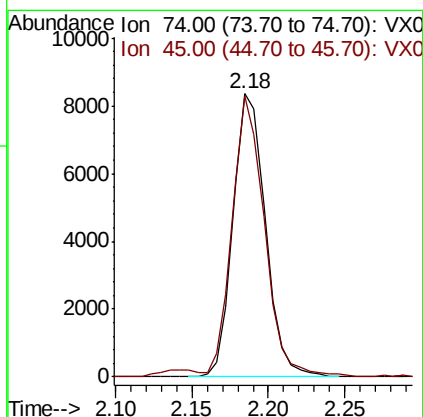
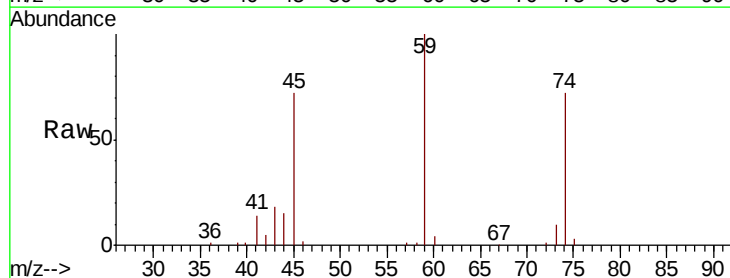
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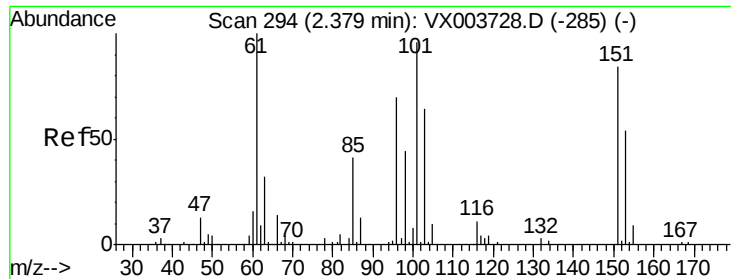


#8

Diethyl Ether
 Concen: 18.441 ug/l
 RT: 2.18 min Scan# 262
 Delta R.T. -0.01 min
 Lab File: VX003794.D
 Acq: 01 Aug 2018 15:26

Tgt Ion: 74 Resp: 12288
 Ion Ratio Lower Upper
 74 100
 45 99.4 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.928 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.01 min

Lab File: VX003794.D

Acq: 01 Aug 2018 15:26

Instrument :

MSVOA_X

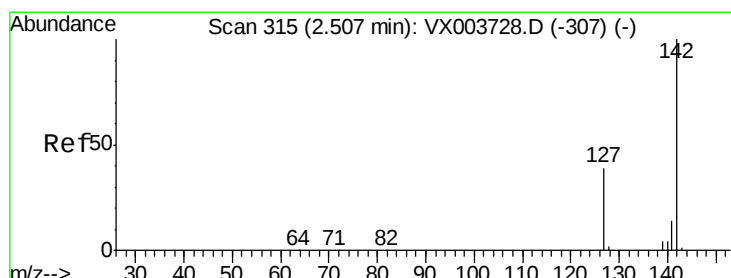
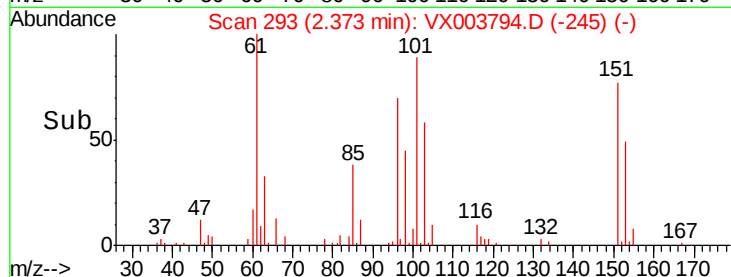
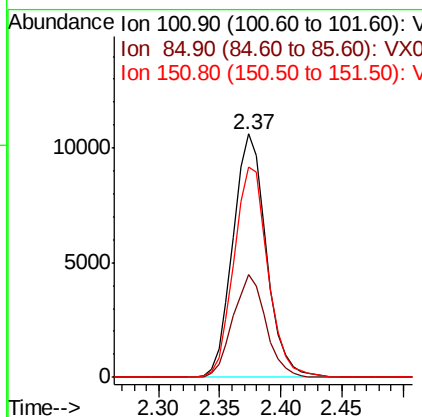
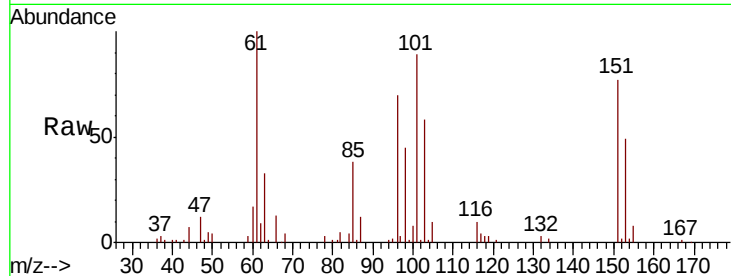
ClientSampled :

VX0801SBS01

Tot Ion:	101	Resp:	20052
Ion Ratio	Lower	Upper	
101	100		
85	41.3	33.3	49.9
151	88.1	68.8	103.2

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#10

Methyl Iodide

Concen: 12.840 ug/l

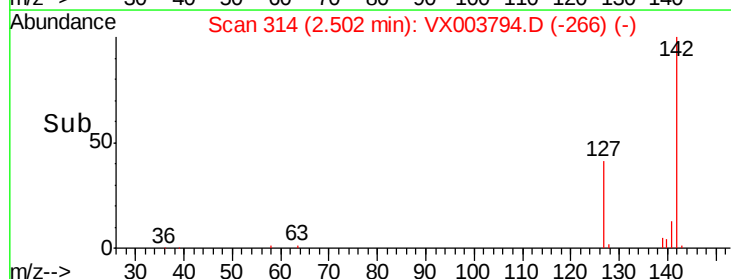
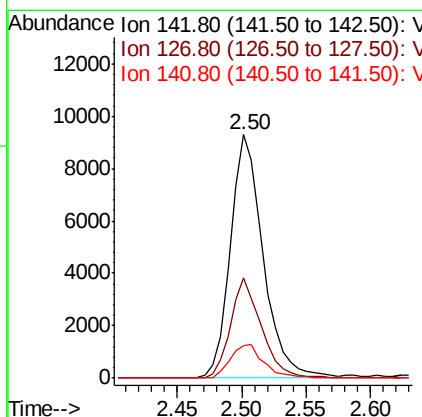
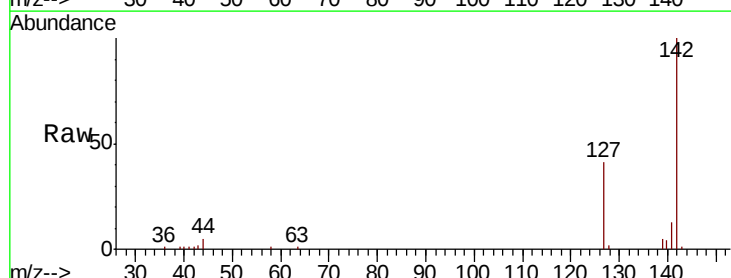
RT: 2.50 min Scan# 314

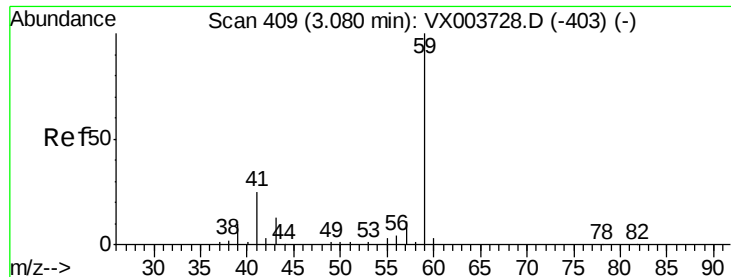
Delta R.T. -0.01 min

Lab File: VX003794.D

Acq: 01 Aug 2018 15:26

Tgt Ion:	142	Resp:	16511
Ion Ratio	Lower	Upper	
142	100		
127	38.7	32.0	48.0
141	13.9	11.3	16.9





#11

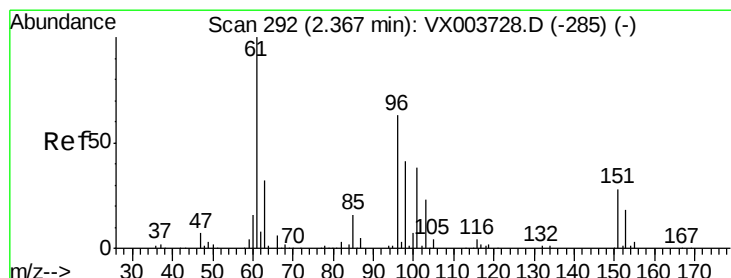
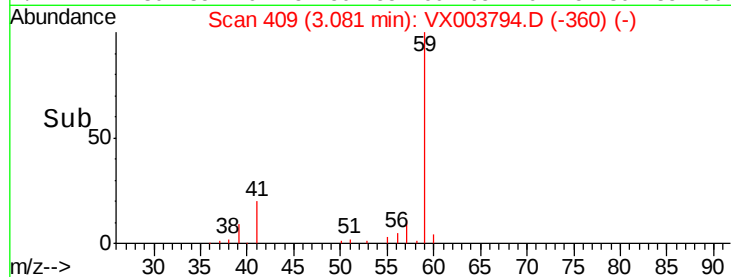
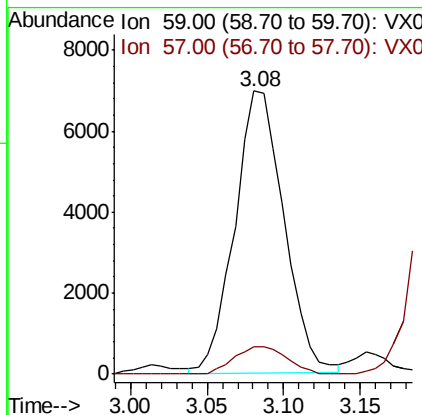
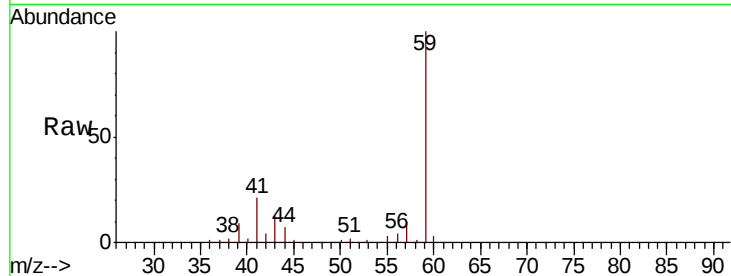
Tert butyl alcohol
 Concen: 80.464 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. 0.00 min
 Lab File: VX003794.D
 Acq: 01 Aug 2018 15:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0801SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.1	12.1

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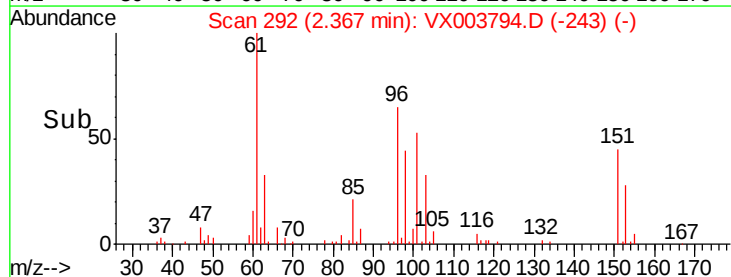
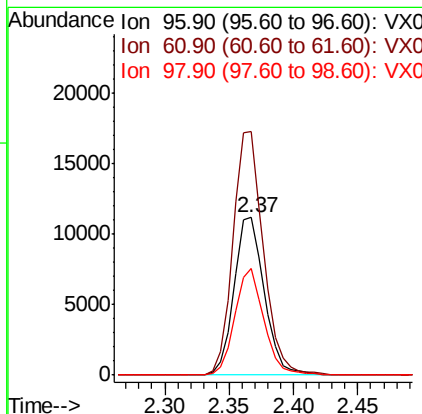
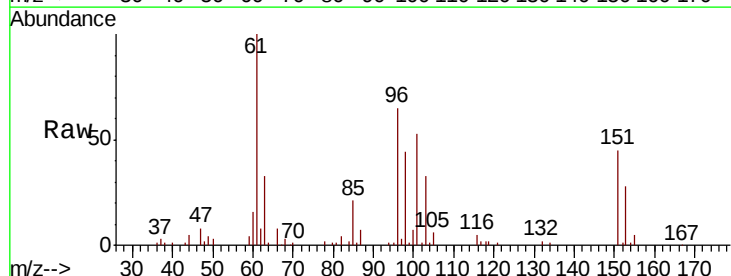
apatel
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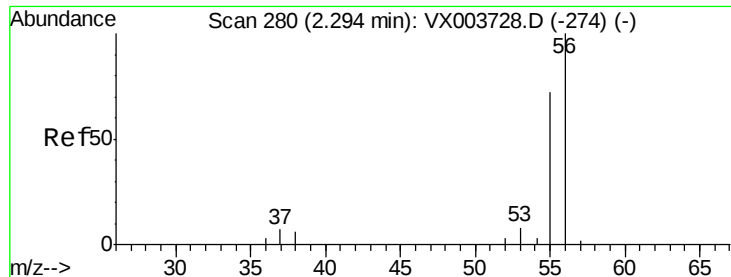


#12

1,1-Dichloroethene
 Concen: 17.379 ug/l
 RT: 2.37 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: VX003794.D
 Acq: 01 Aug 2018 15:26

Tgt Ion	Ratio	Lower	Upper
96	100		
61	154.4	127.1	190.7
98	67.4	52.0	78.0





#13

Acrolein

Concen: 94.146 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003794.D

Acq: 01 Aug 2018 15:26

Instrument :

MSVOA_X

ClientSampleId :

VX0801SBS01

Tot Ion: 56 Resp: 5943

Ion Ratio Lower Upper

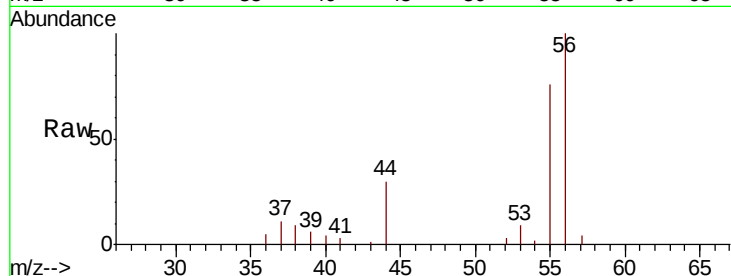
56 100

55 73.5 61.4 92.0

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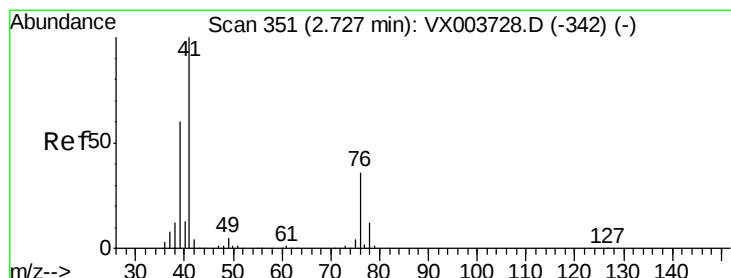
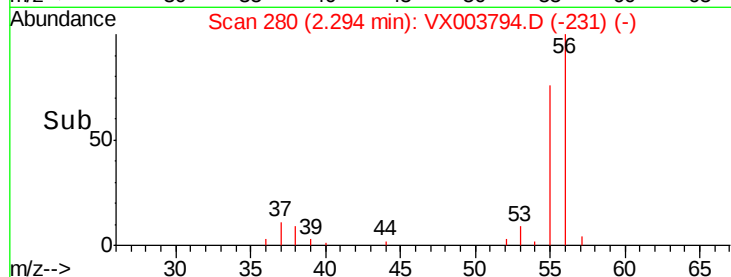
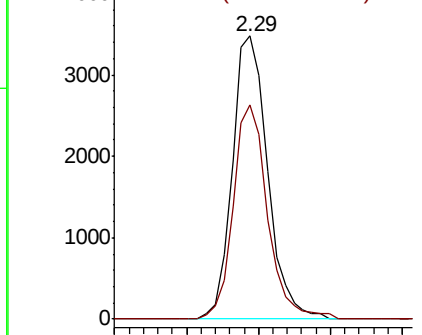
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 17.861 ug/l

RT: 2.71 min Scan# 349

Delta R.T. -0.01 min

Lab File: VX003794.D

Acq: 01 Aug 2018 15:26

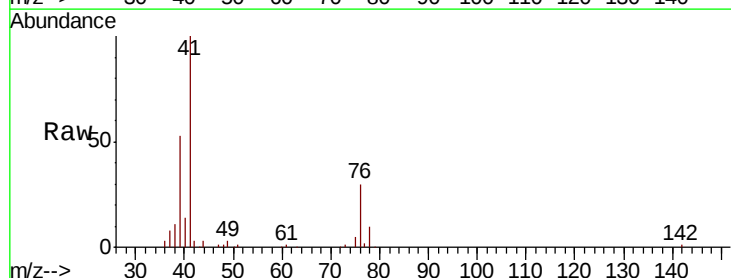
Tgt Ion: 41 Resp: 33342

Ion Ratio Lower Upper

41 100

39 60.8 47.7 71.5

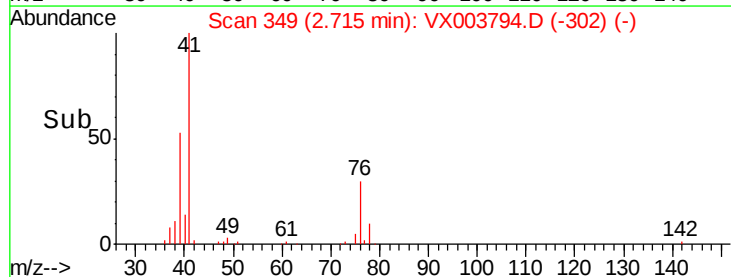
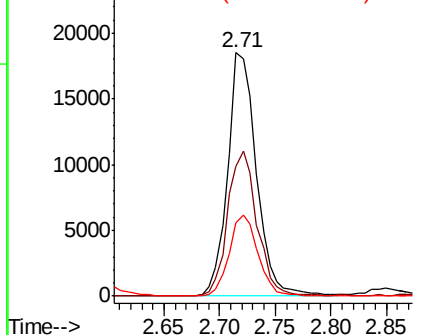
76 33.1 27.0 40.6

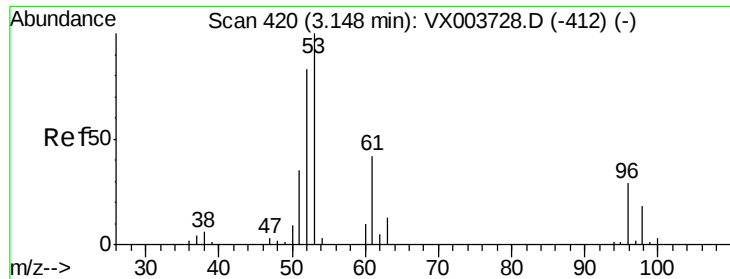


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 92.685 ug/l

RT: 3.15 min Scan# 420

Delta R.T. 0.00 min

Lab File: VX003794.D

Acq: 01 Aug 2018 15:26

Instrument :

MSVOA_X

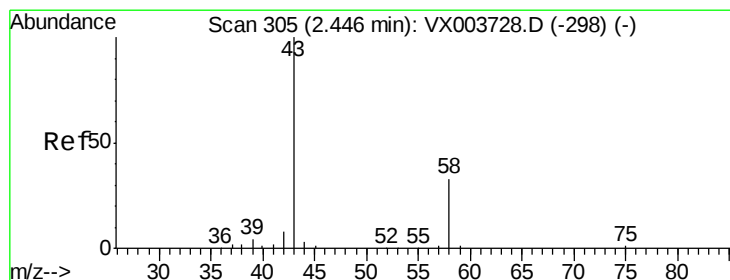
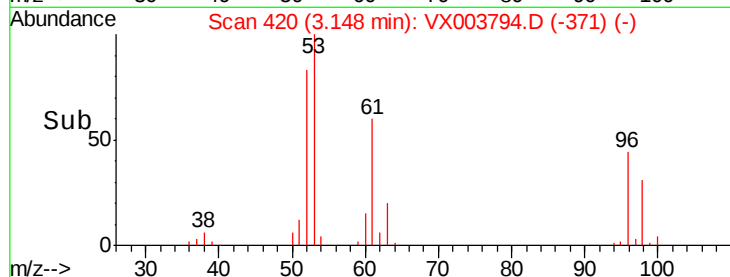
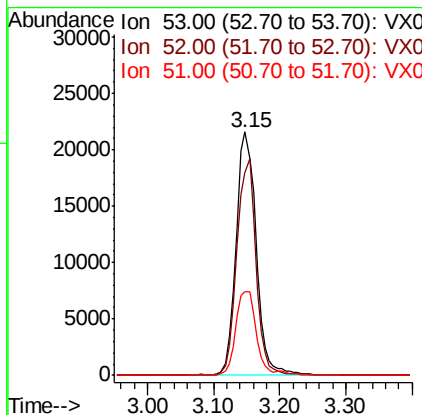
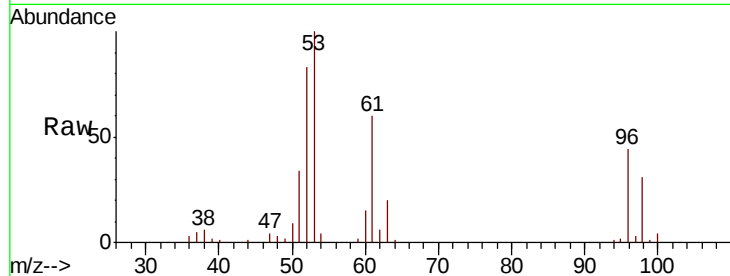
ClientSampleId :

VX0801SBS01

Tot Ion:	53	Resp:	45479
Ion	Ratio	Lower	Upper
53	100		
52	84.0	66.2	99.2
51	35.6	28.5	42.7

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#16

Acetone

Concen: 66.740 ug/l

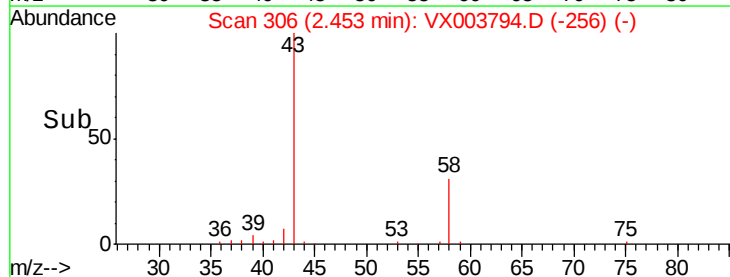
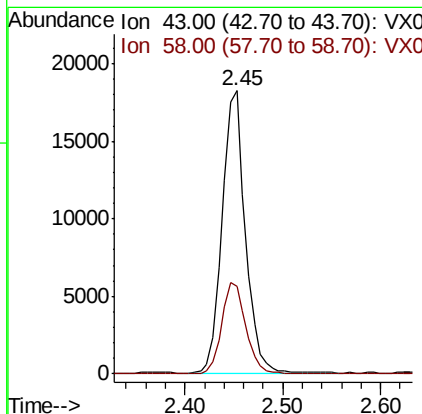
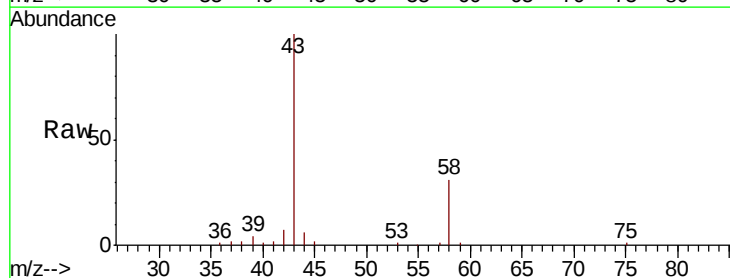
RT: 2.45 min Scan# 306

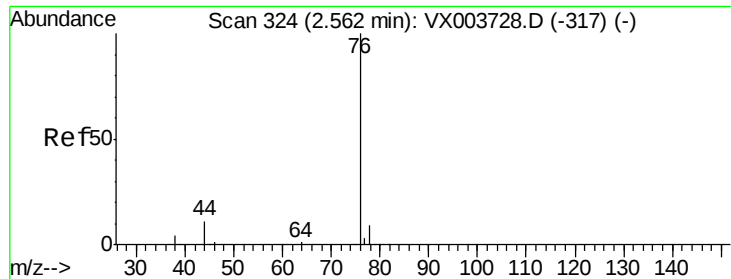
Delta R.T. 0.01 min

Lab File: VX003794.D

Acq: 01 Aug 2018 15:26

Tgt Ion:	43	Resp:	30376
Ion	Ratio	Lower	Upper
43	100		
58	31.1	26.7	40.1





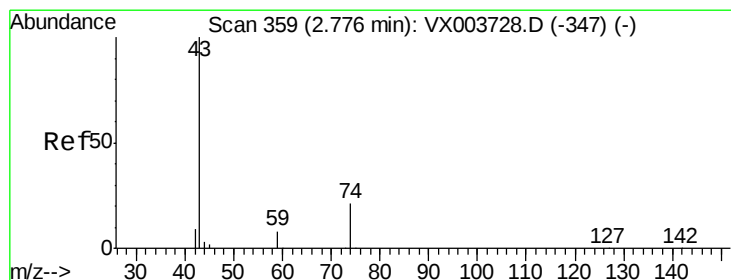
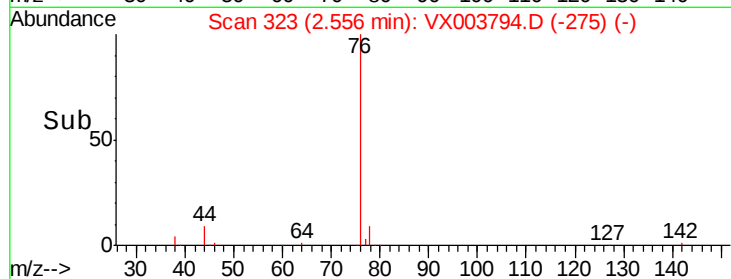
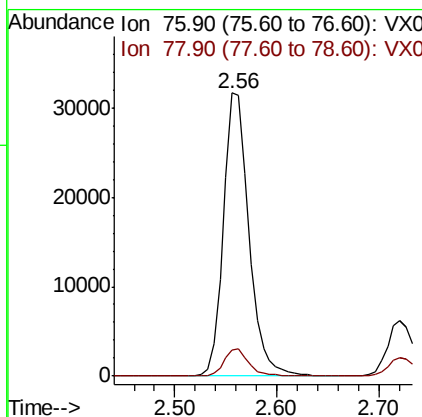
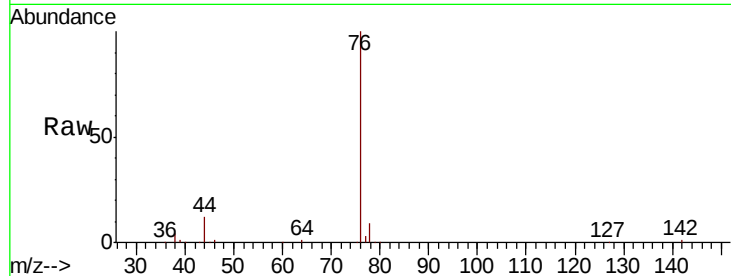
#17
Carbon Disulfide
Concen: 16.008 ug/l
RT: 2.56 min Scan# 323
Delta R.T. -0.01 min
Lab File: VX003794.D
Acq: 01 Aug 2018 15:26

Instrument :
MSVOA_X
ClientSampleId :
VX0801SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.3	10.9

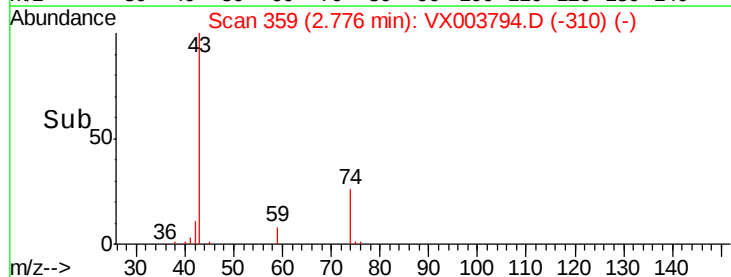
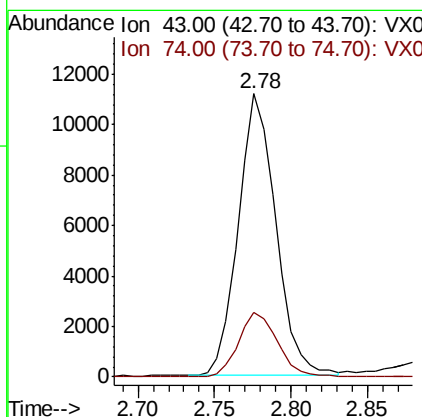
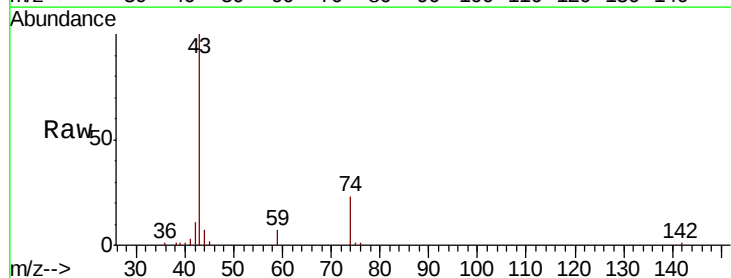
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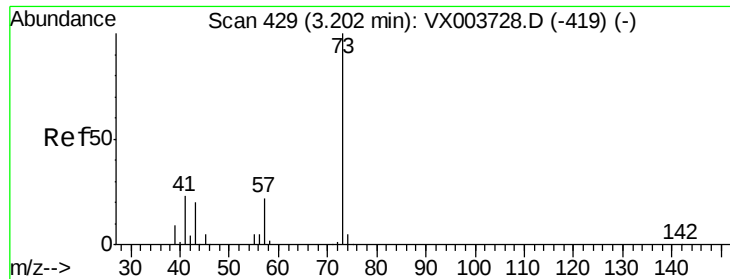
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#18
Methyl Acetate
Concen: 14.871 ug/l
RT: 2.78 min Scan# 359
Delta R.T. 0.00 min
Lab File: VX003794.D
Acq: 01 Aug 2018 15:26

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.7	18.9	28.3





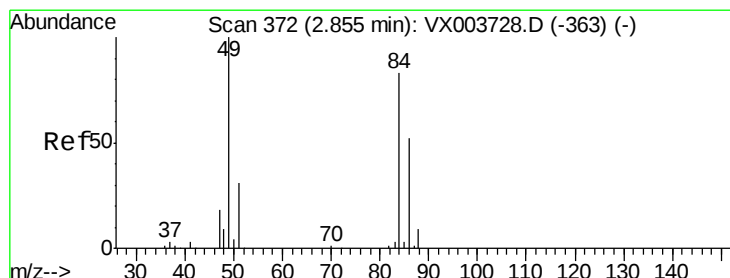
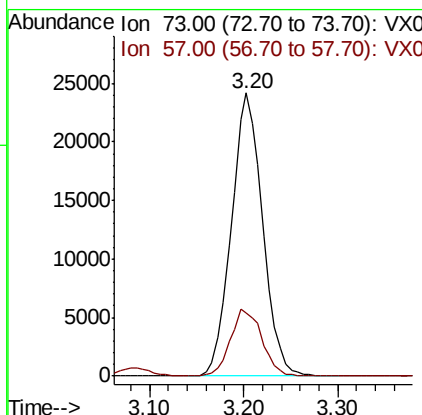
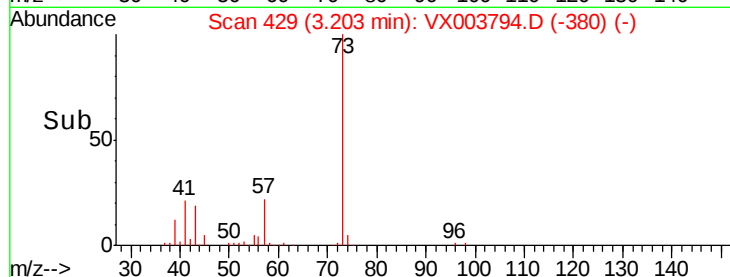
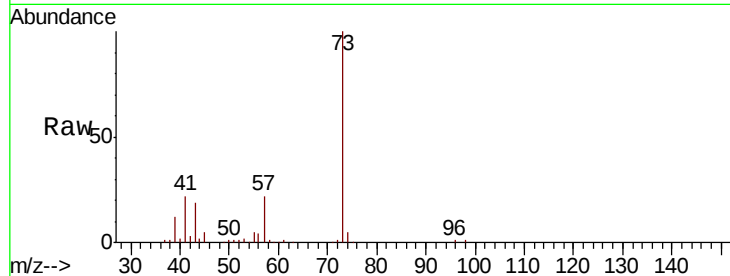
#19
Methyl tert-butyl Ether
Concen: 19.380 ug/l
RT: 3.20 min Scan# 429
Delta R.T. 0.00 min
Lab File: VX003794.D
Acq: 01 Aug 2018 15:26

Instrument :
MSVOA_X
ClientSampleId :
VX0801SBS01

Tot Ion: 73 Resp: 55550
Ion Ratio Lower Upper
73 100
57 22.3 18.0 27.0

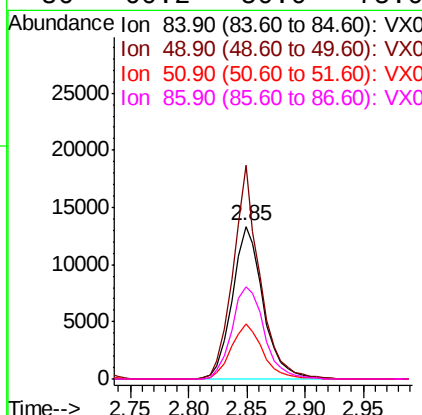
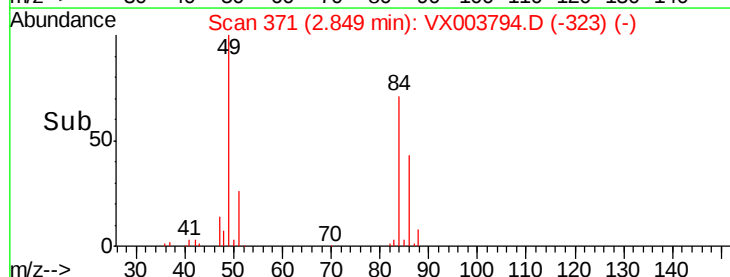
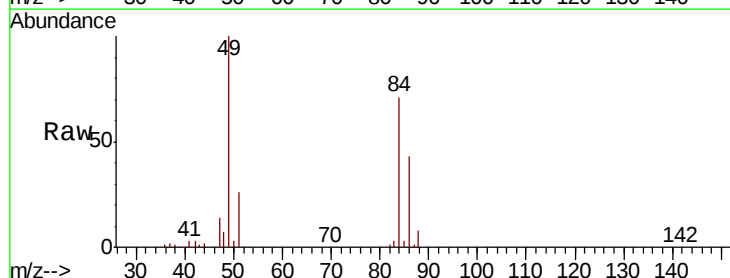
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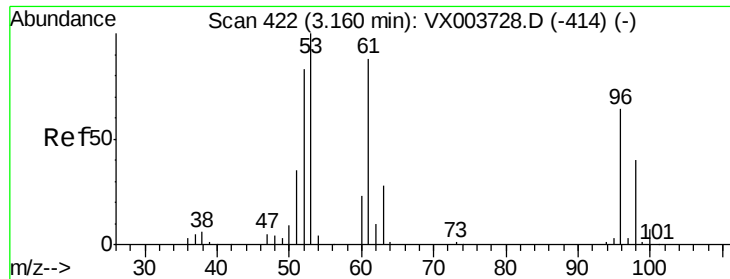
apatel
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#20
Methylene Chloride
Concen: 18.519 ug/l
RT: 2.85 min Scan# 371
Delta R.T. -0.00 min
Lab File: VX003794.D
Acq: 01 Aug 2018 15:26

Tgt Ion: 84 Resp: 24601
Ion Ratio Lower Upper
84 100
49 140.1 95.8 143.8
51 36.2 29.6 44.4
86 60.2 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 19.626 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX003794.D

Acq: 01 Aug 2018 15:26

Instrument :

MSVOA_X

ClientSampleId :

VX0801SBS01

Tot Ion: 96 Resp: 22646

Ion Ratio Lower Upper

96 100

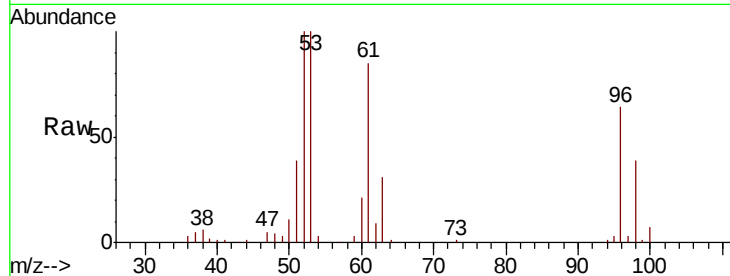
61 131.7 110.9 166.3

98 61.0 50.2 75.4

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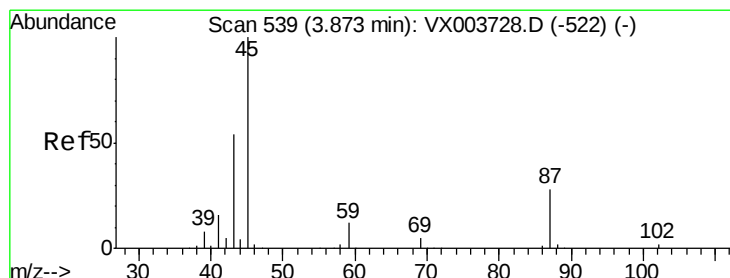
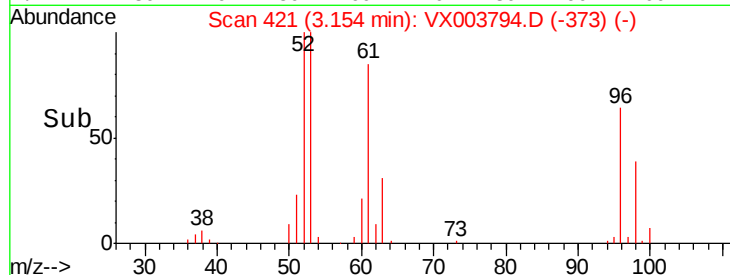
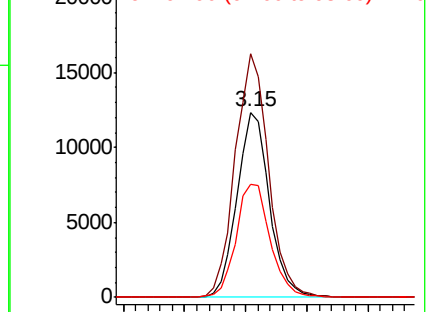


Abundance

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: 19.748 ug/l

RT: 3.87 min Scan# 538

Delta R.T. -0.01 min

Lab File: VX003794.D

Acq: 01 Aug 2018 15:26

Tgt Ion: 45 Resp: 66549

Ion Ratio Lower Upper

45 100

43 66.8 43.5 65.3#

87 27.1 22.6 33.8

59 12.7 9.3 13.9

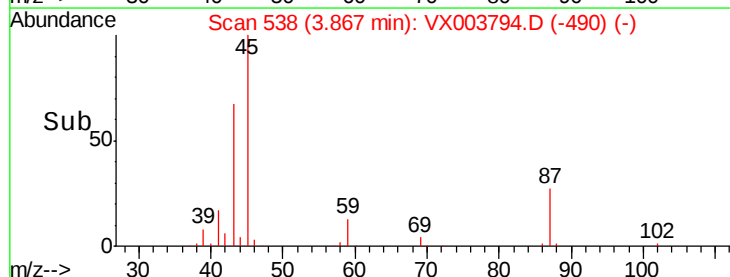
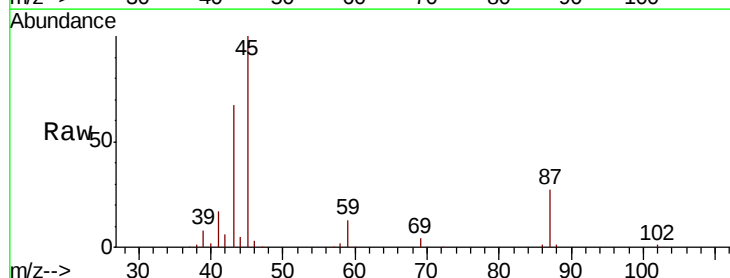
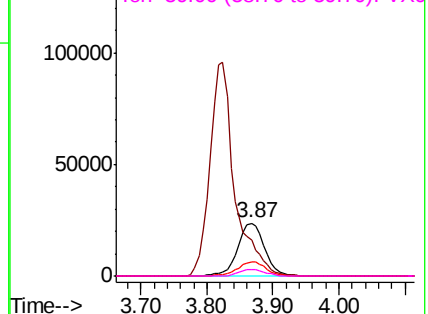
Abundance

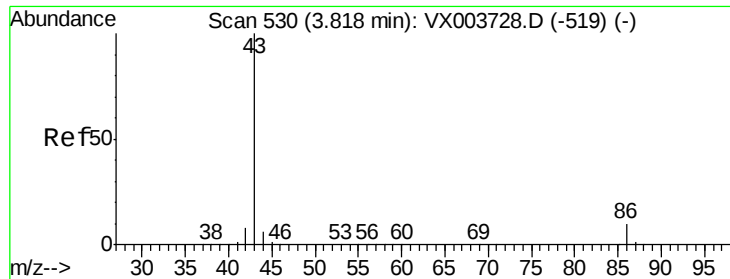
Ion 45.00 (44.70 to 45.70): VX0

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





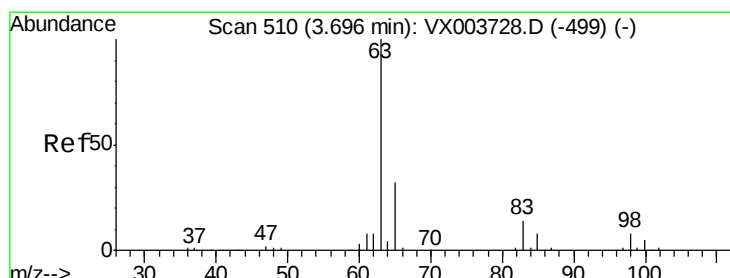
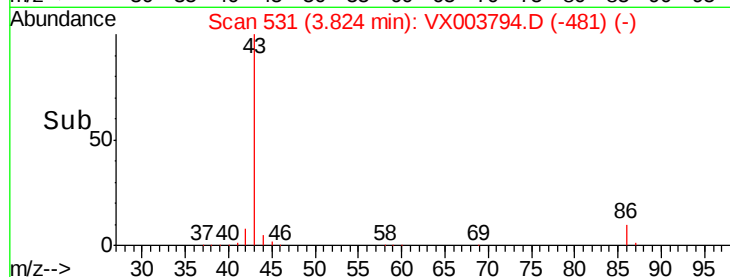
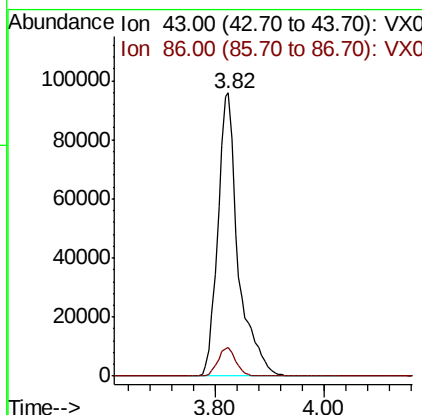
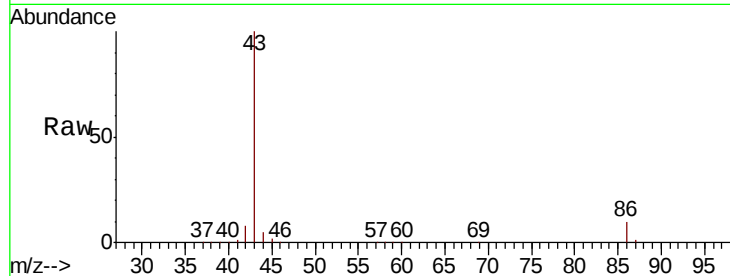
#23
 Vinyl Acetate
 Concen: 102.341 ug/l
 RT: 3.82 min Scan# 531
 Delta R.T. 0.01 min
 Lab File: VX003794.D
 Acq: 01 Aug 2018 15:26

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0801SBS01

Tot Ion	43	Resp	248736
Ion Ratio	100	Lower	Upper
43	100		
86	10.1	8.2	12.2

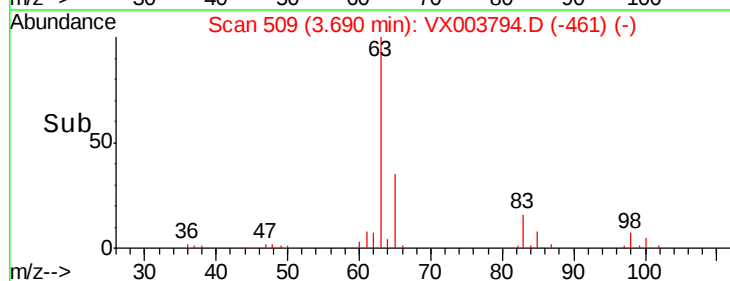
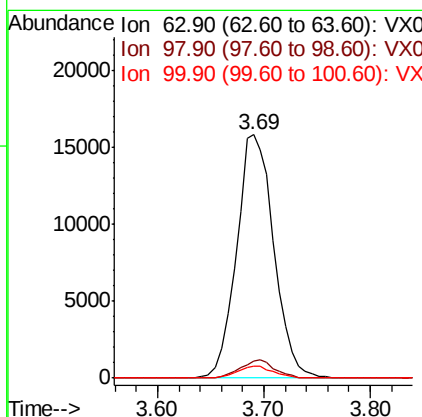
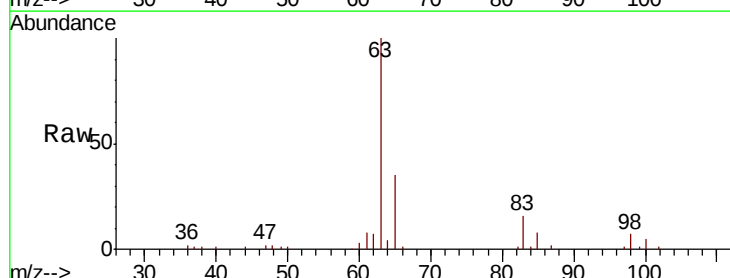
Manual Integrations
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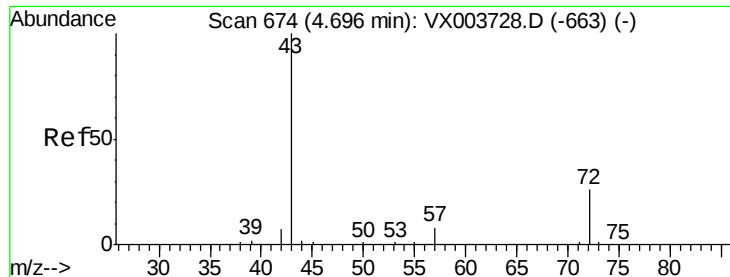
apatel
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#24
 1,1-Dichloroethane
 Concen: 19.718 ug/l
 RT: 3.69 min Scan# 509
 Delta R.T. -0.01 min
 Lab File: VX003794.D
 Acq: 01 Aug 2018 15:26

Tgt Ion	63	Resp	38750
Ion Ratio	100	Lower	Upper
63	100		
98	7.3	4.0	12.0
100	4.7	2.4	7.2





#25

2-Butanone

Concen: 83.279 ug/l

RT: 4.70 min Scan# 675

Delta R.T. 0.01 min

Lab File: VX003794.D

Acq: 01 Aug 2018 15:26

Instrument :

MSVOA_X

ClientSampleId :

VX0801SBS01

Tot Ion: 43 Resp: 55255

Ion Ratio Lower Upper

43 100

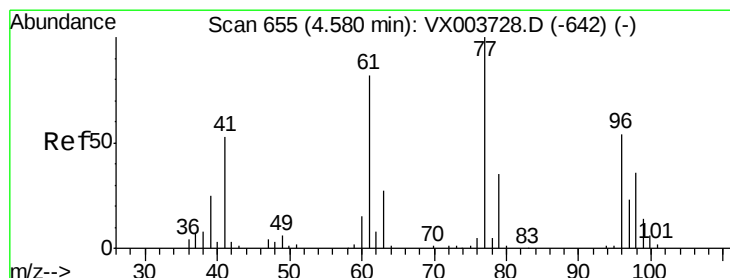
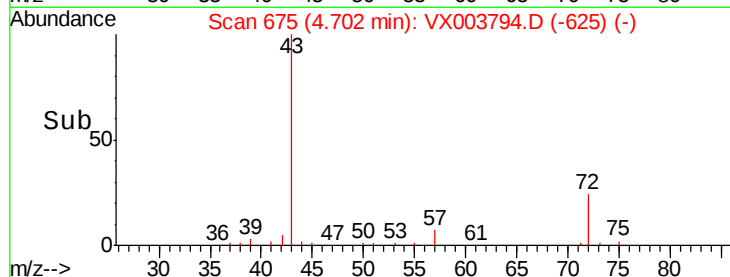
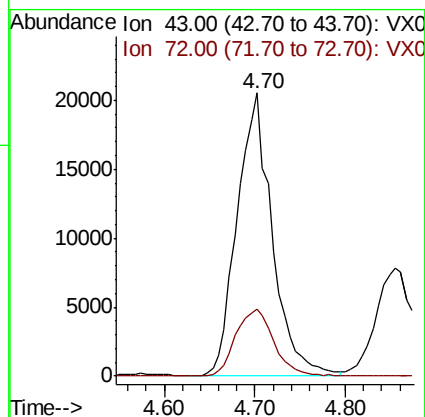
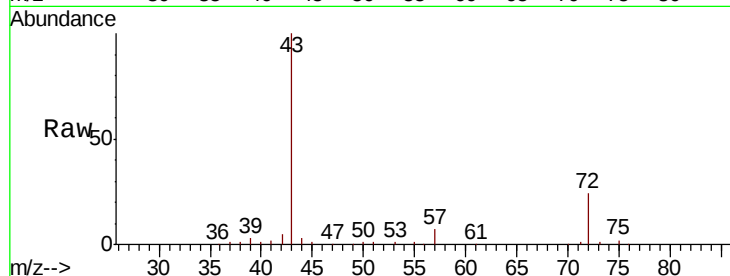
72 23.6 20.9 31.3

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 19.125 ug/l

RT: 4.58 min Scan# 655

Delta R.T. 0.00 min

Lab File: VX003794.D

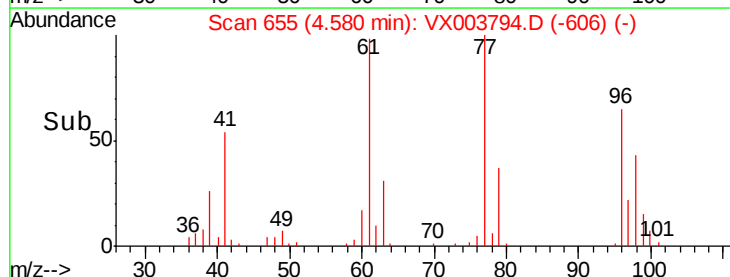
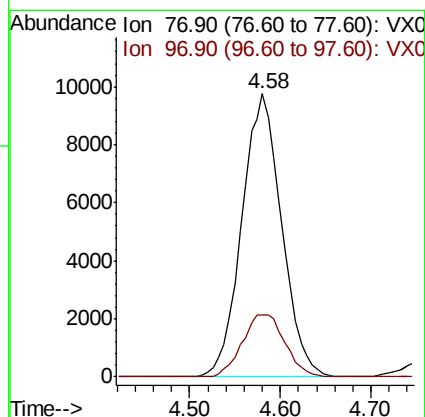
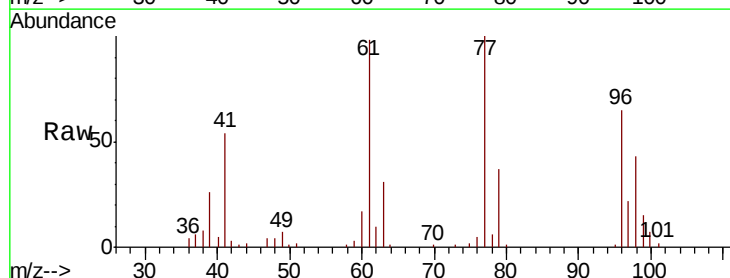
Acq: 01 Aug 2018 15:26

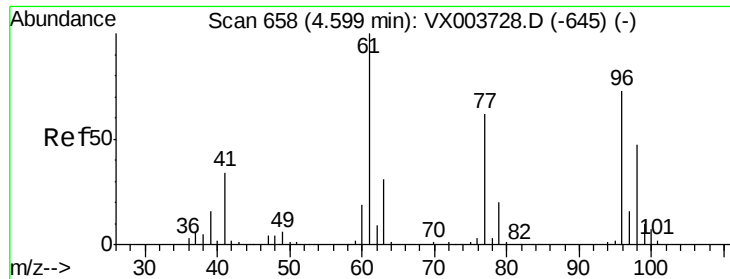
Tgt Ion: 77 Resp: 29602

Ion Ratio Lower Upper

77 100

97 23.5 12.2 36.6





#27

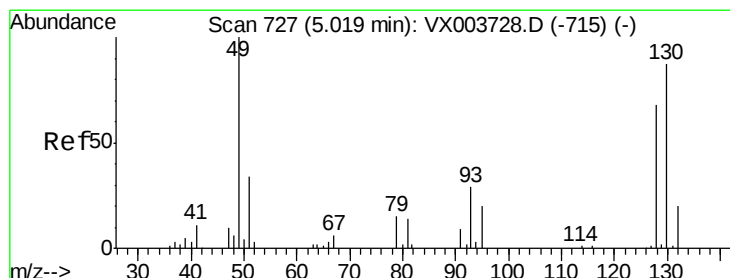
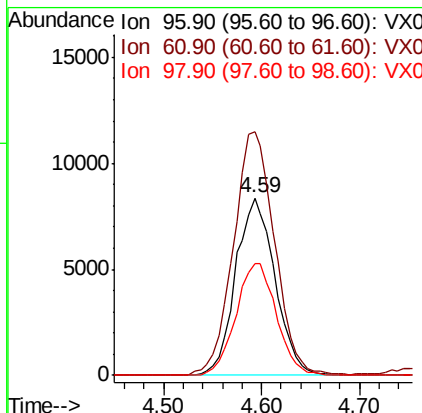
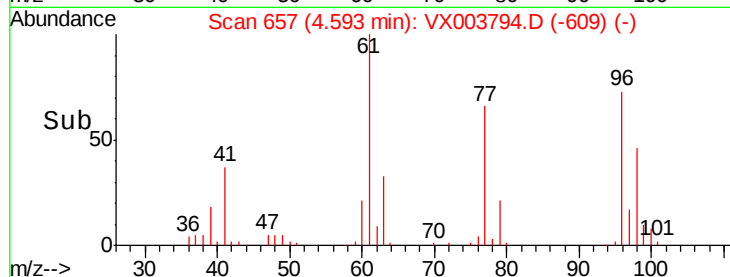
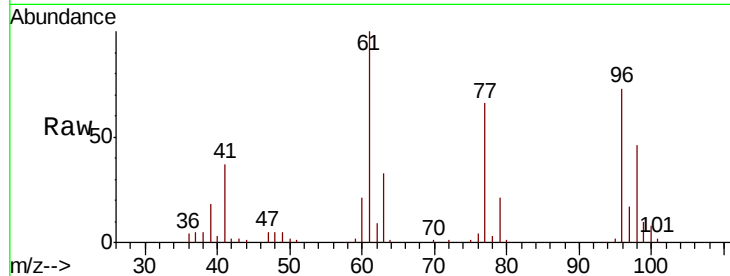
cis-1,2-Dichloroethene
Concen: 18.755 ug/l
RT: 4.59 min Scan# 657
Delta R.T. -0.01 min
Lab File: VX003794.D
Acq: 01 Aug 2018 15:26

Instrument :
MSVOA_X
ClientSampleId :
VX0801SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	23322		
61	144.3	0.0	285.6	
98	64.4	0.0	131.0	

Manual Integrations
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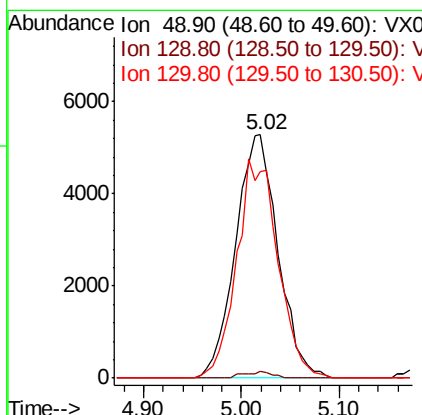
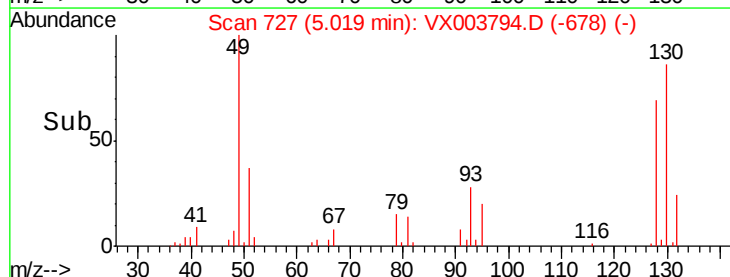
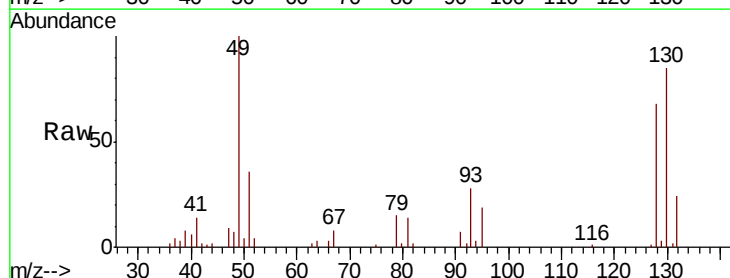
apatel
8/2/2018 4:19:52 PM

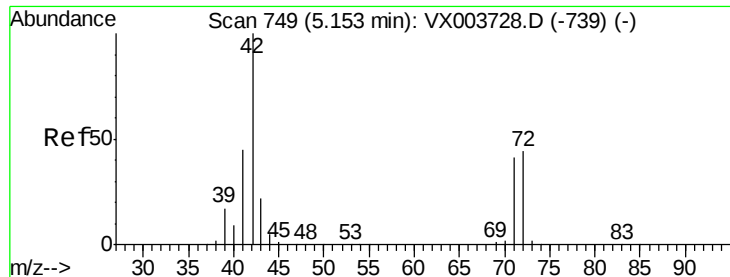


#28

Bromochloromethane
Concen: 18.040 ug/l
RT: 5.02 min Scan# 727
Delta R.T. 0.00 min
Lab File: VX003794.D
Acq: 01 Aug 2018 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	15903		
129	1.8	0.0	4.0	
130	87.1	68.9	103.3	





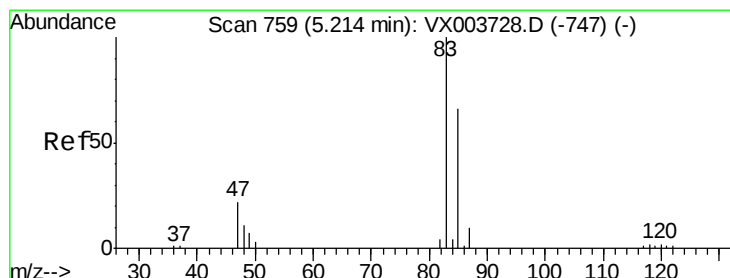
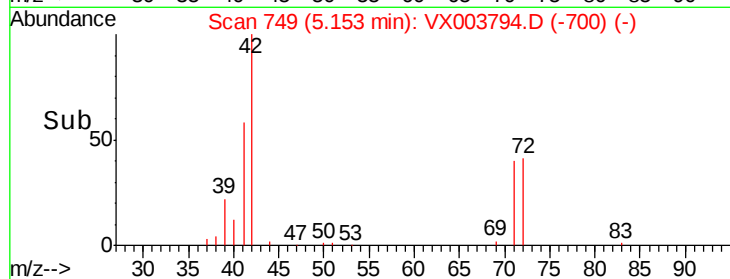
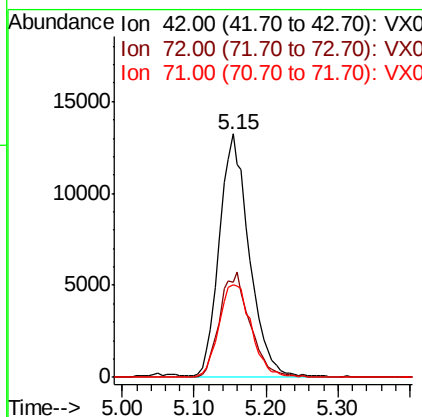
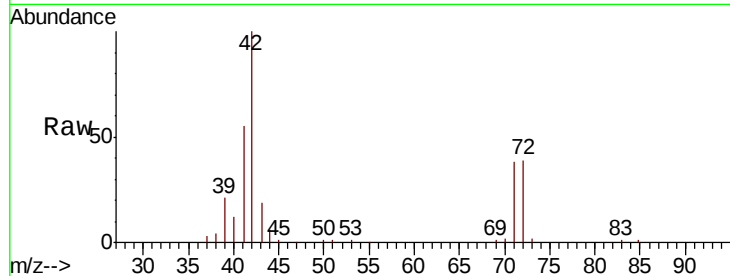
#29
Tetrahydrofuran
Concen: 90.682 ug/l
RT: 5.15 min Scan# 749
Delta R.T. 0.00 min
Lab File: VX003794.D
Acq: 01 Aug 2018 15:26

Instrument :
MSVOA_X
ClientSampleId :
VX0801SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.8	35.6	53.4
71	41.0	33.4	50.0

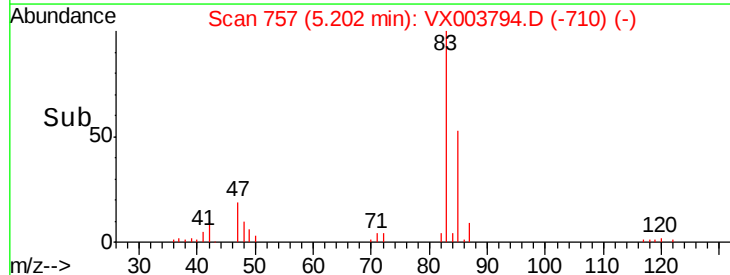
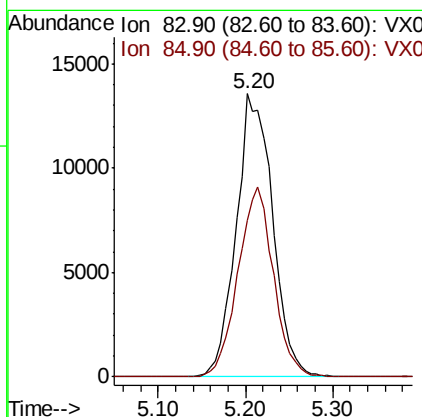
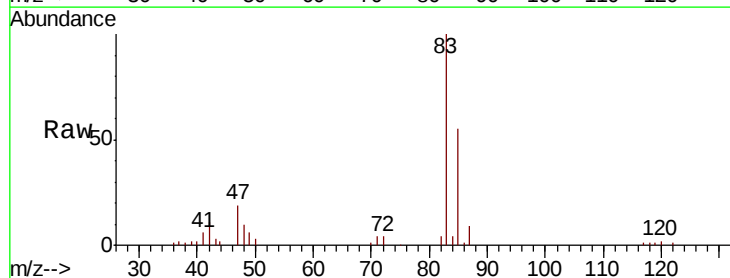
Manual Integrations
APPROVED

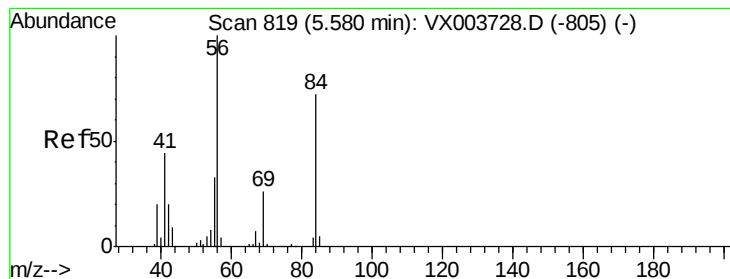
apatel
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#30
Chloroform
Concen: 20.217 ug/l
RT: 5.20 min Scan# 757
Delta R.T. -0.01 min
Lab File: VX003794.D
Acq: 01 Aug 2018 15:26

Tgt Ion	Ratio	Lower	Upper
83	100		
85	55.3	52.8	79.2





#31

Cyclohexane

Concen: 20.112 ug/l

RT: 5.57 min Scan# 817

Delta R.T. -0.01 min

Lab File: VX003794.D

Acq: 01 Aug 2018 15:26

Instrument :

MSVOA_X

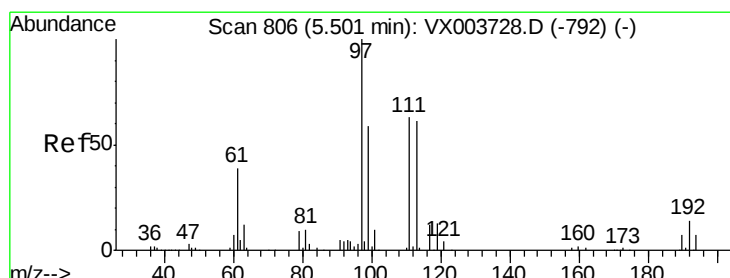
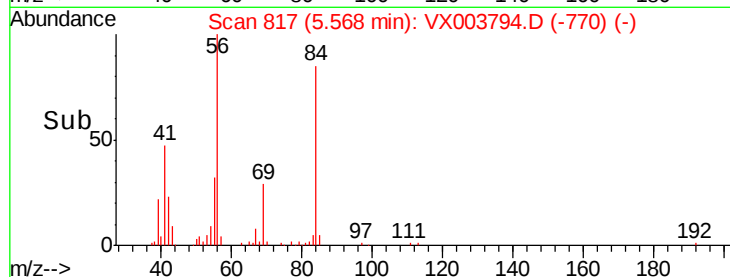
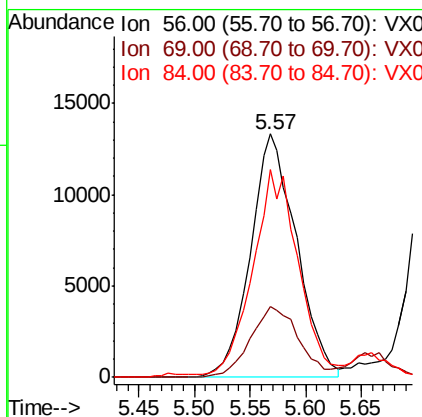
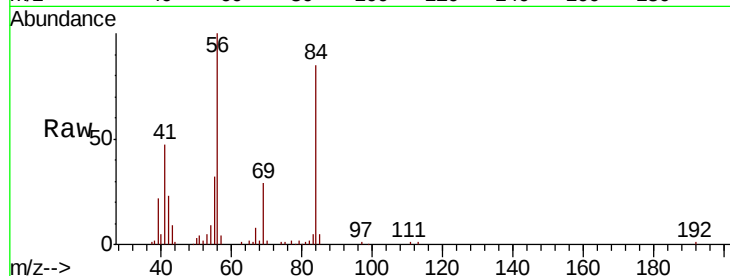
ClientSampleId :

VX0801SBS01

Tot Ion:	56	Resp:	38179
Ion Ratio	Lower	Upper	
56	100		
69	29.2	20.6	30.8
84	83.9	57.9	86.9

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 20.503 ug/l

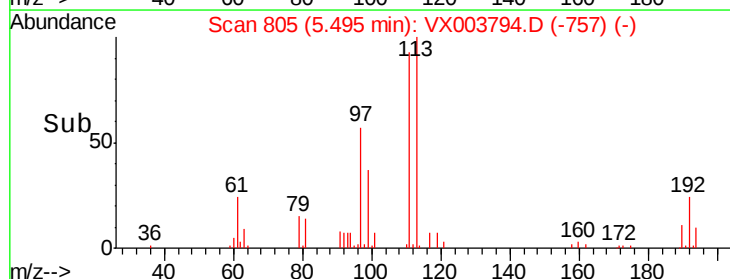
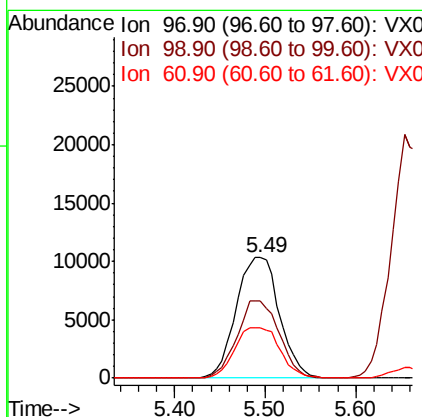
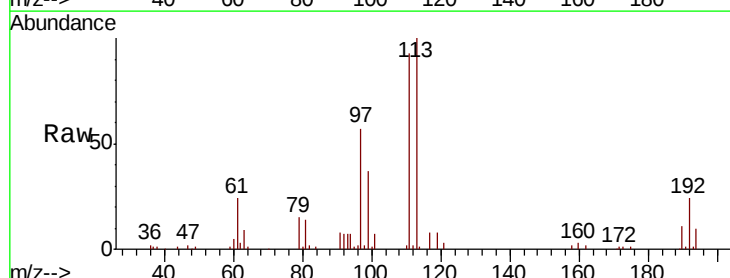
RT: 5.49 min Scan# 805

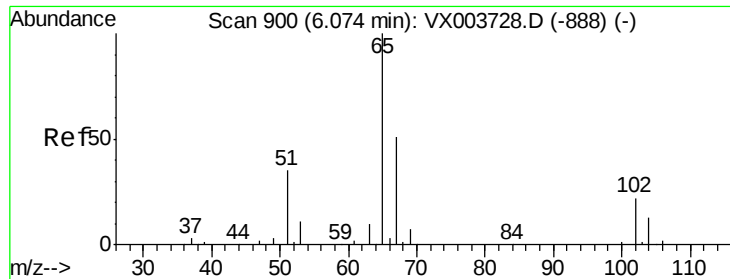
Delta R.T. -0.01 min

Lab File: VX003794.D

Acq: 01 Aug 2018 15:26

Tgt Ion:	97	Resp:	34125
Ion Ratio	Lower	Upper	
97	100		
99	62.5	51.4	77.2
61	43.5	33.4	50.2





#33

1,2-Dichloroethane-d4

Concen: 45.066 ug/l

RT: 6.06 min Scan# 898

Delta R.T. -0.01 min

Lab File: VX003794.D

Acq: 01 Aug 2018 15:26

Instrument :

MSVOA_X

ClientSampleId :

VX0801SBS01

Tot Ion: 65 Resp: 53699

Ion Ratio Lower Upper

65 100

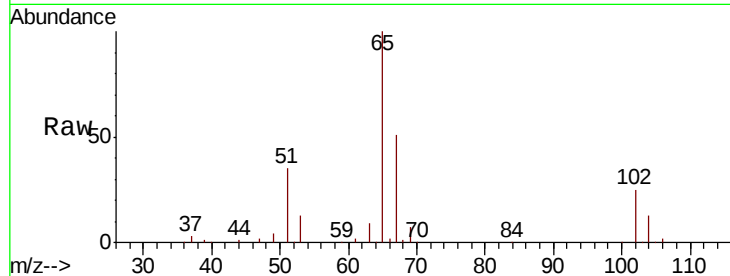
67 55.4 0.0 107.0

Manual Integrations

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

25000

20000

15000

10000

5000

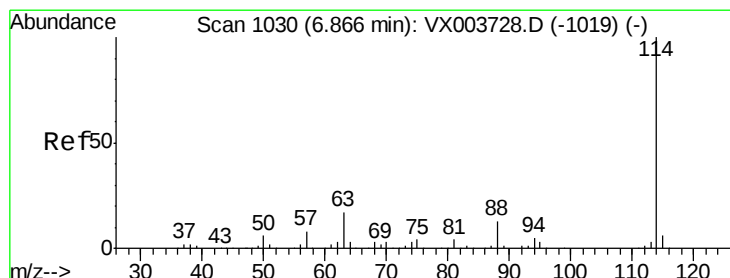
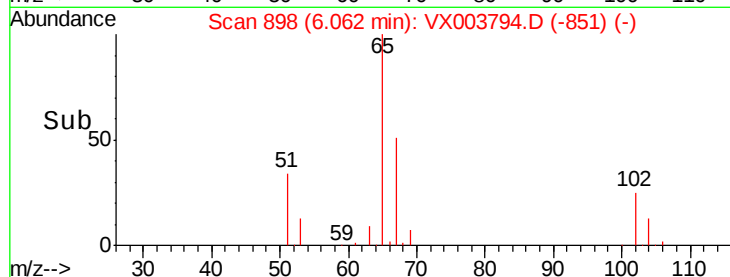
0

6.06

6.10

6.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 1028

Delta R.T. -0.01 min

Lab File: VX003794.D

Acq: 01 Aug 2018 15:26

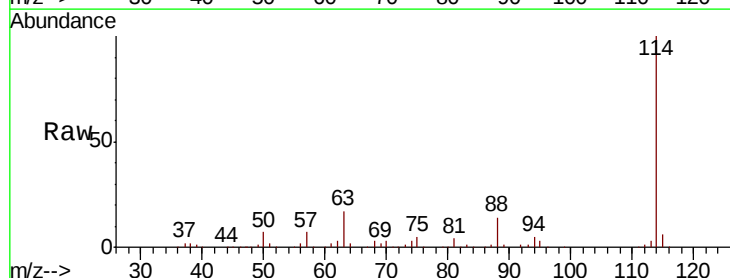
Tgt Ion: 114 Resp: 160678

Ion Ratio Lower Upper

114 100

63 17.2 0.0 34.0

88 14.2 0.0 26.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

100000

80000

60000

40000

20000

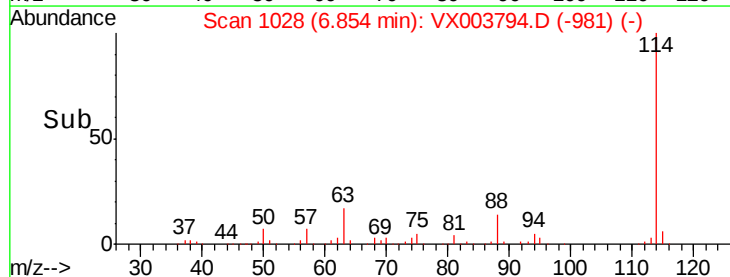
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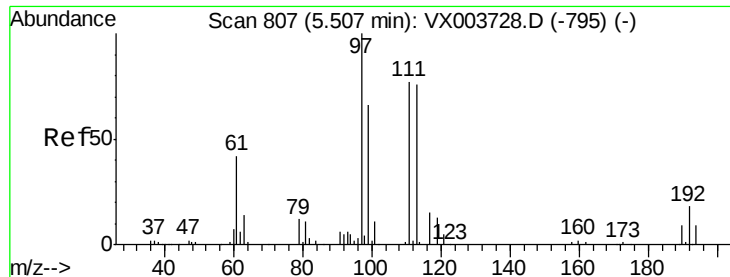
6.85

6.90

7.00

Time-->





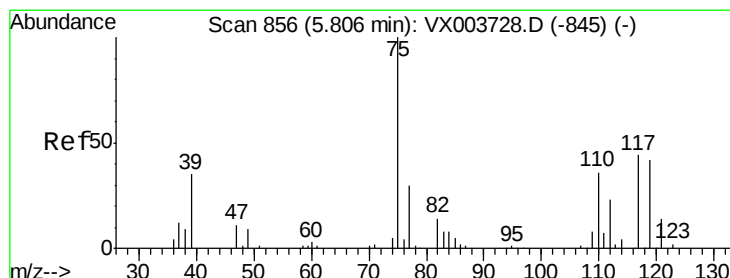
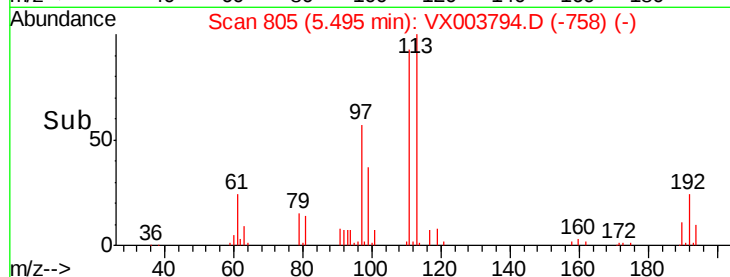
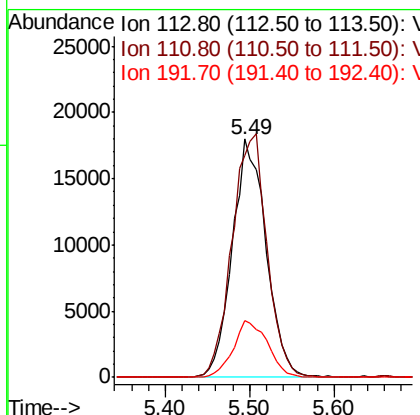
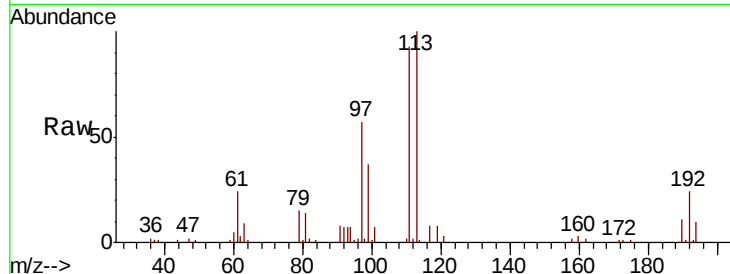
#35
 Dibromofluoromethane
 Concen: 51.705 ug/l
 RT: 5.49 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX003794.D
 Acq: 01 Aug 2018 15:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0801SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	48919		
111	105.2		81.8	122.6
192	24.0		18.8	28.2

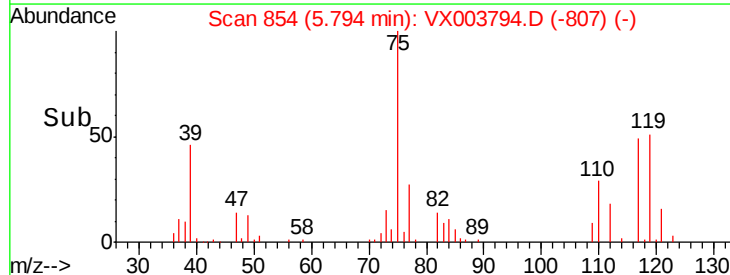
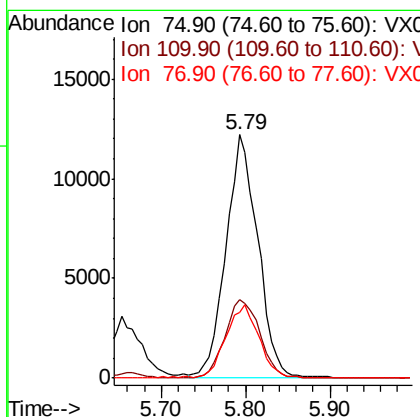
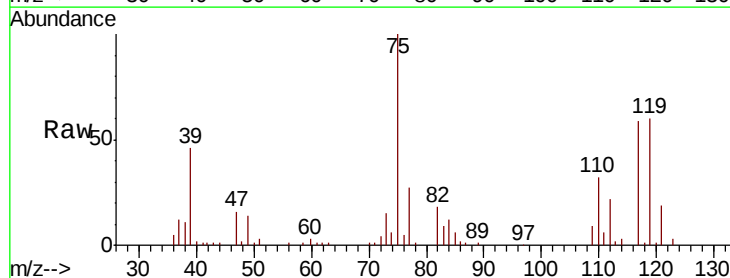
Manual Integrations
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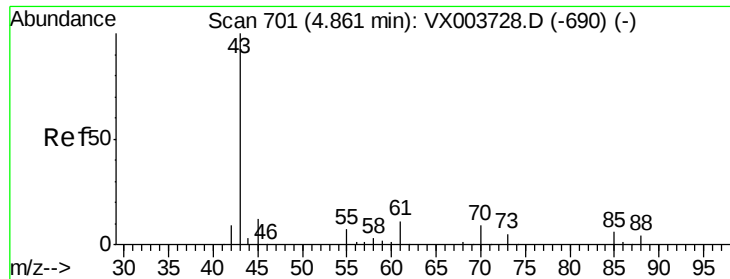
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#36
 1,1-Dichloropropene
 Concen: 20.929 ug/l
 RT: 5.79 min Scan# 854
 Delta R.T. -0.01 min
 Lab File: VX003794.D
 Acq: 01 Aug 2018 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	31493		
110	34.8		18.3	54.8
77	31.4		25.1	37.7





#37

Ethyl Acetate

Concen: 19.724 ug/l

RT: 4.85 min Scan# 700

Delta R.T. -0.01 min

Lab File: VX003794.D

Acq: 01 Aug 2018 15:26

Instrument :

MSVOA_X

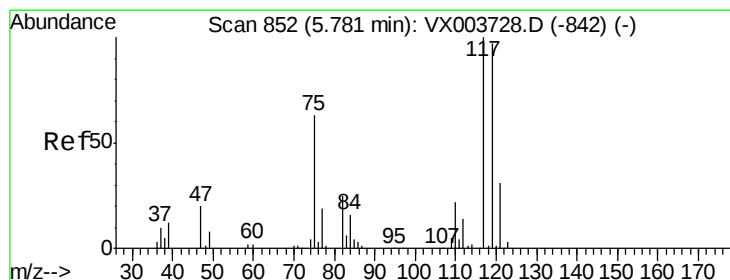
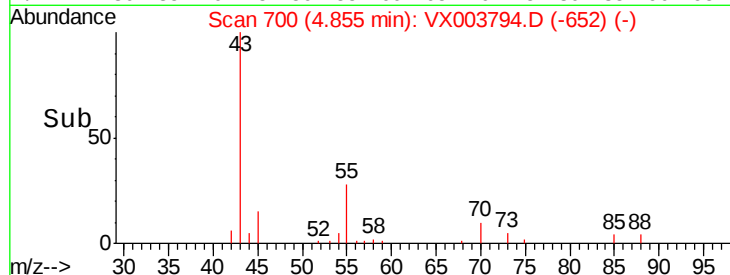
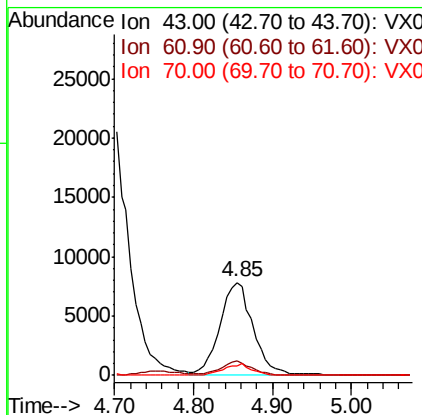
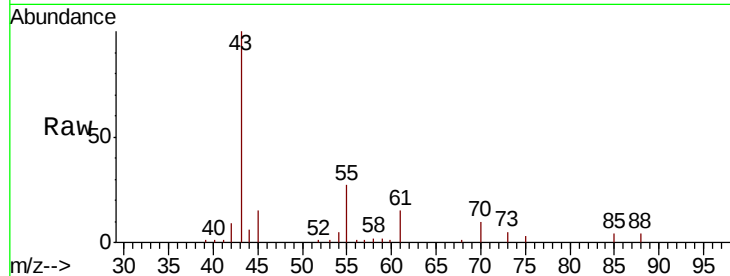
ClientSampled :

VX0801SBS01

Tot Ion:	43	Resp:	22799
Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.4	17.0
70	11.0	8.2	12.2

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 20.254 ug/l

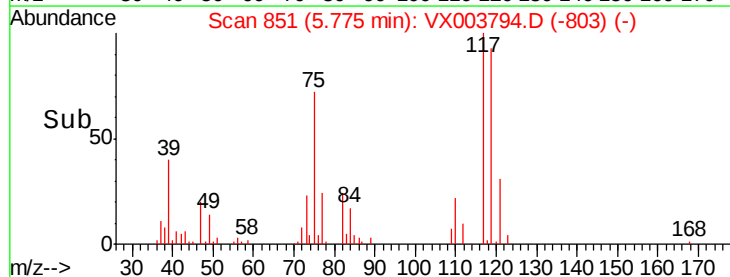
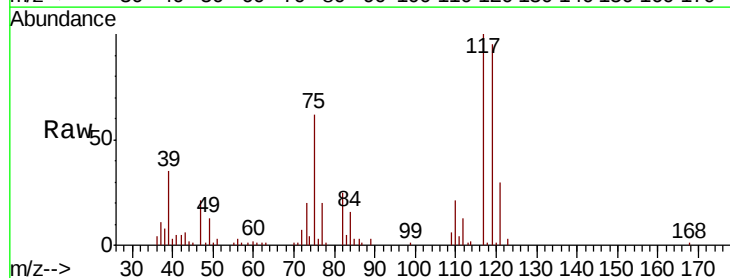
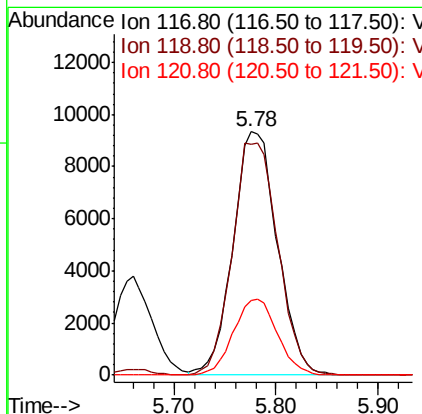
RT: 5.78 min Scan# 851

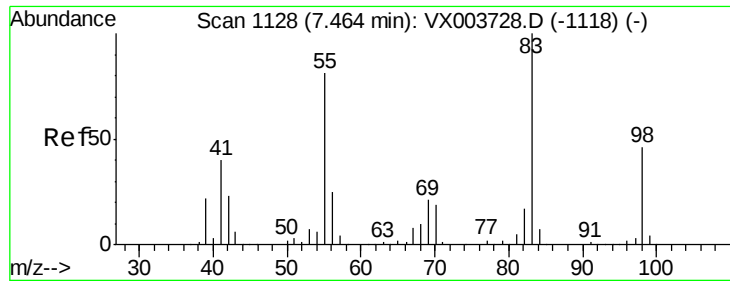
Delta R.T. -0.01 min

Lab File: VX003794.D

Acq: 01 Aug 2018 15:26

Tgt Ion:	117	Resp:	28190
Ion	Ratio	Lower	Upper
117	100		
119	94.9	77.2	115.8
121	30.4	25.0	37.4





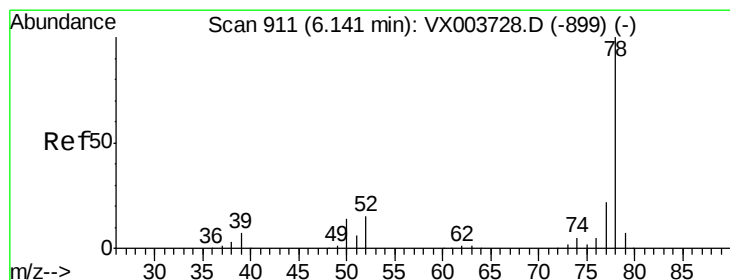
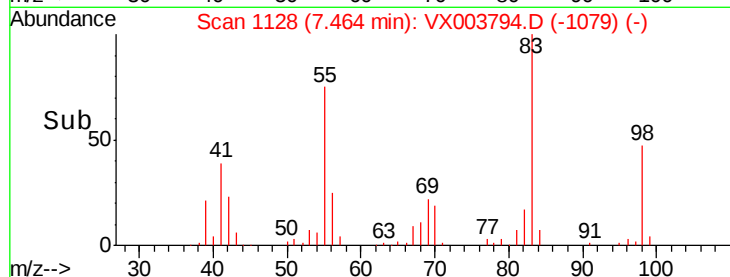
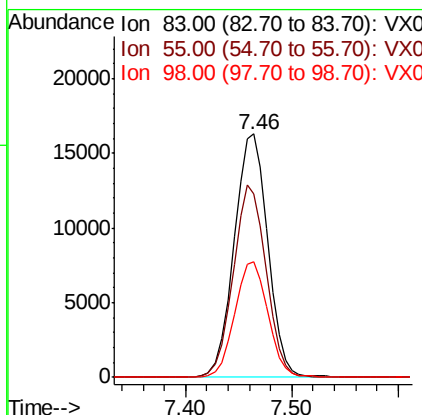
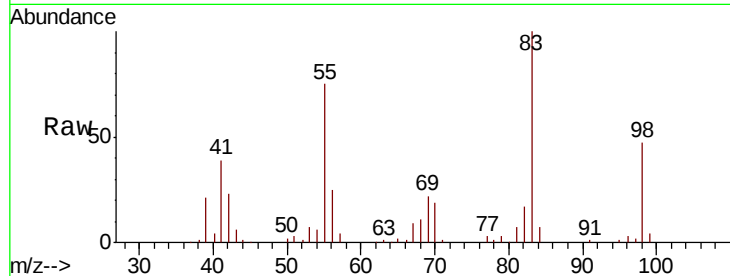
#39
Methvlcvclohexane
Concen: 19.574 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003794.D
Acq: 01 Aug 2018 15:26

Instrument :
MSVOA_X
ClientSampleId :
VX0801SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.3	65.0	97.6
98	47.2	37.1	55.7

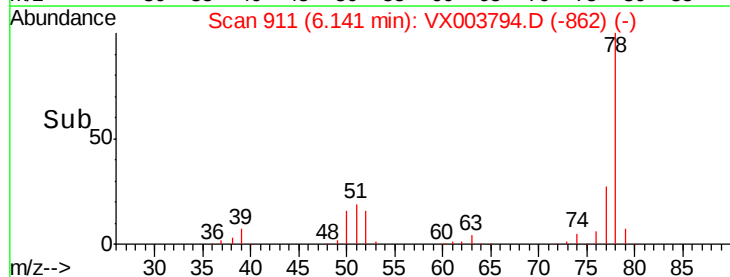
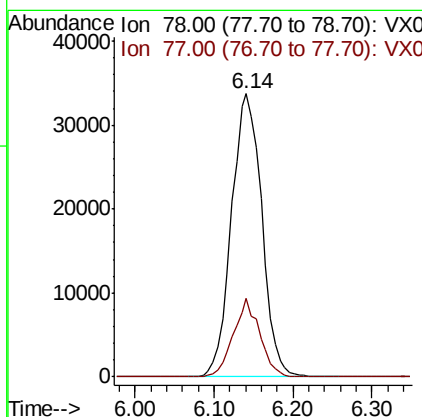
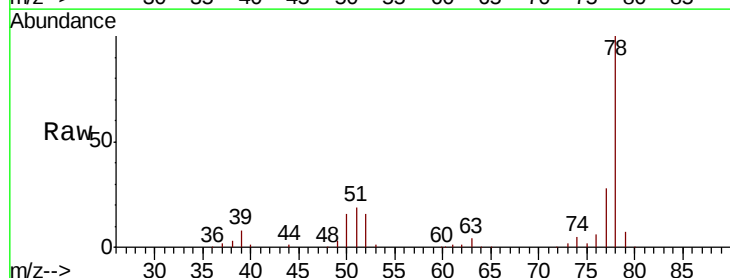
Manual Integrations
APPROVED

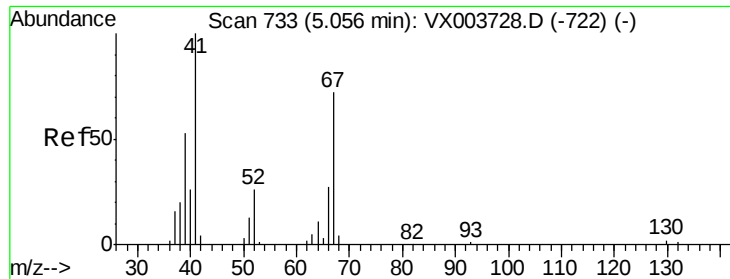
apatel
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#40
Benzene
Concen: 20.911 ug/l
RT: 6.14 min Scan# 911
Delta R.T. 0.00 min
Lab File: VX003794.D
Acq: 01 Aug 2018 15:26

Tgt Ion	Ratio	Lower	Upper
78	100		
77	27.6	17.9	26.9#





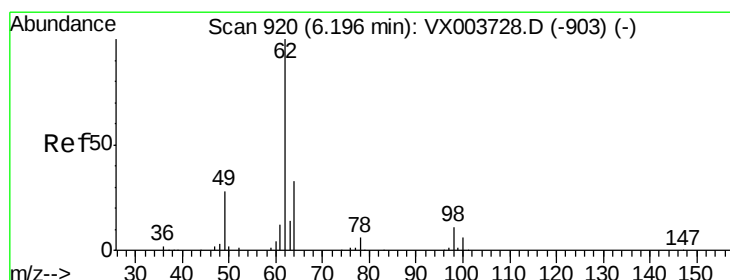
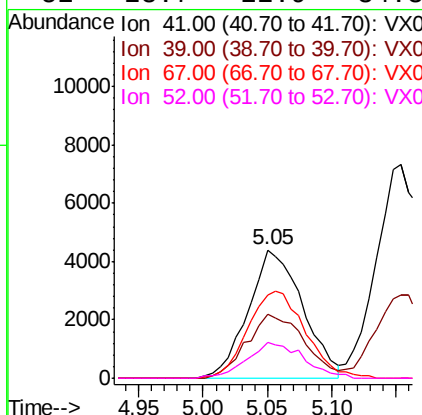
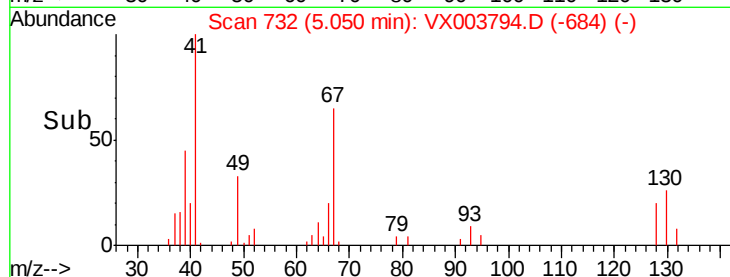
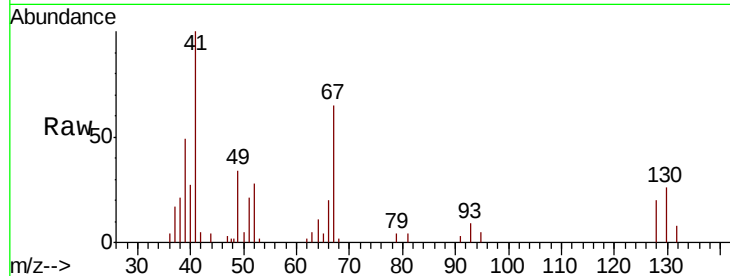
#41
Methacrylonitrile
Concen: 19.801 ug/l
RT: 5.05 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX003794.D
Acq: 01 Aug 2018 15:26

Instrument :
MSVOA_X
ClientSampleId :
VX0801SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		12901		
39	52.9	42.6	64.0		
67	71.5	58.9	88.3		
52	28.7	22.9	34.3		

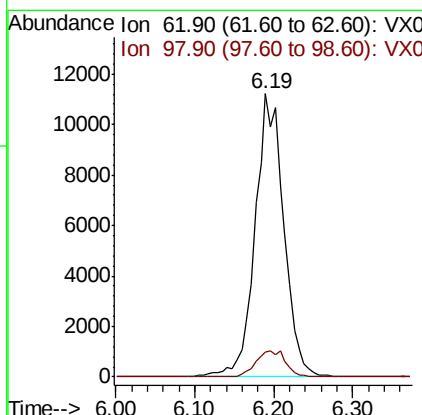
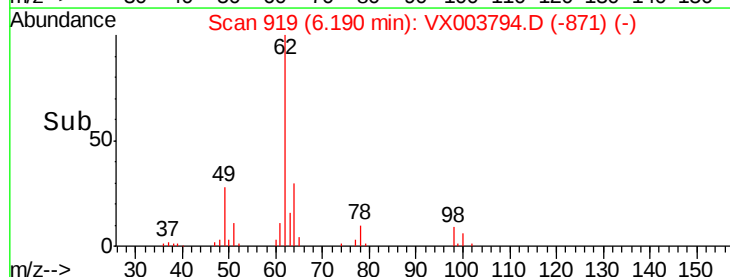
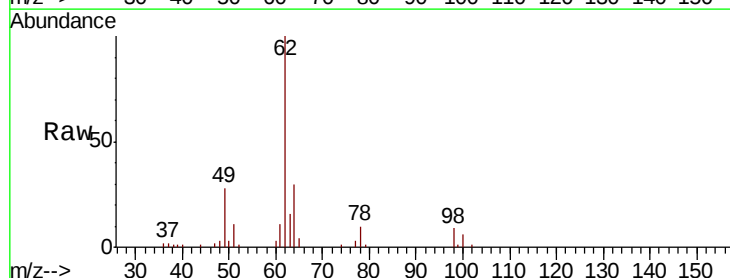
Manual Integrations
APPROVED

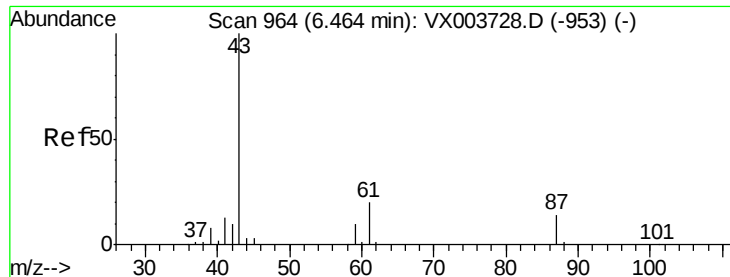
apatel
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#42
1,2-Dichloroethane
Concen: 21.731 ug/l
RT: 6.19 min Scan# 919
Delta R.T. -0.01 min
Lab File: VX003794.D
Acq: 01 Aug 2018 15:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		28303		
98	9.6	0.0	20.4		





#43

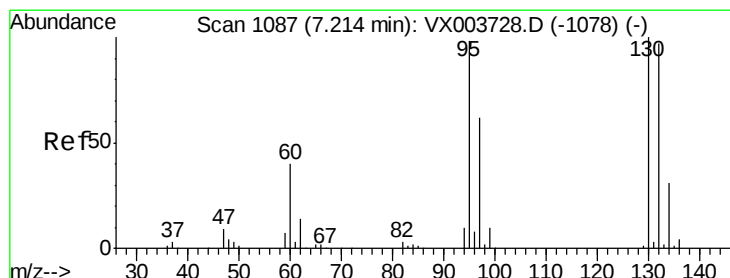
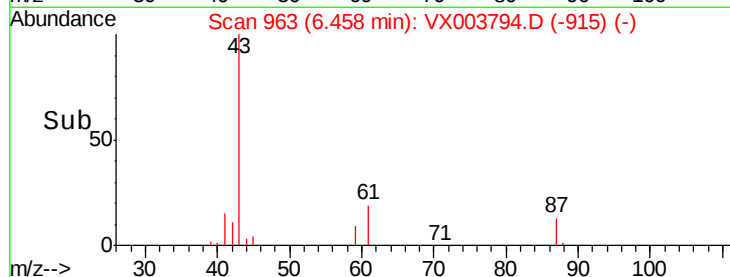
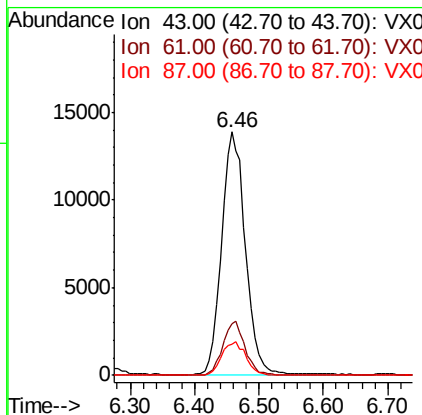
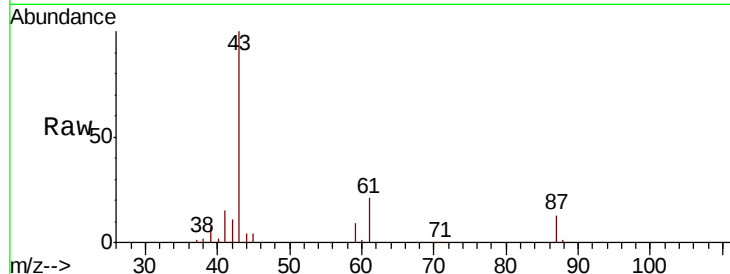
Isopropyl Acetate
 Concen: 19.878 ug/l
 RT: 6.46 min Scan# 963
 Delta R.T. -0.01 min
 Lab File: VX003794.D
 Acq: 01 Aug 2018 15:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0801SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.4	16.5	24.7
87	13.8	10.7	16.1

Manual Integrations
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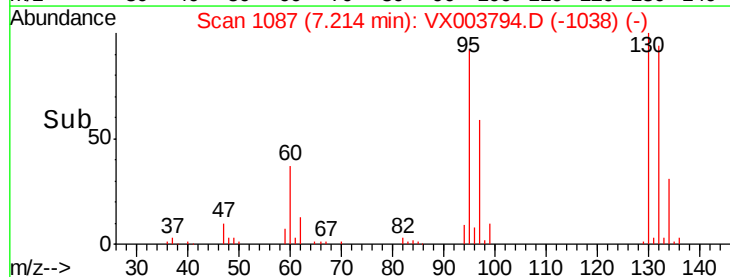
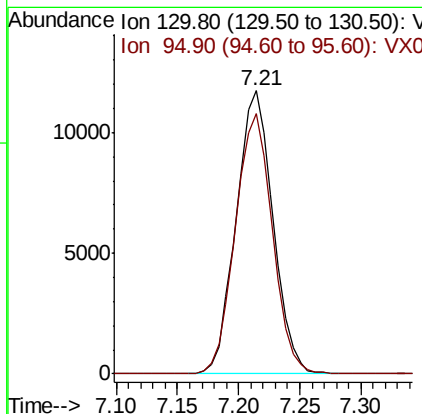
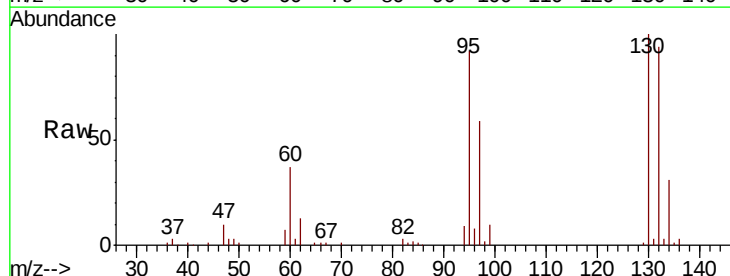
apatel
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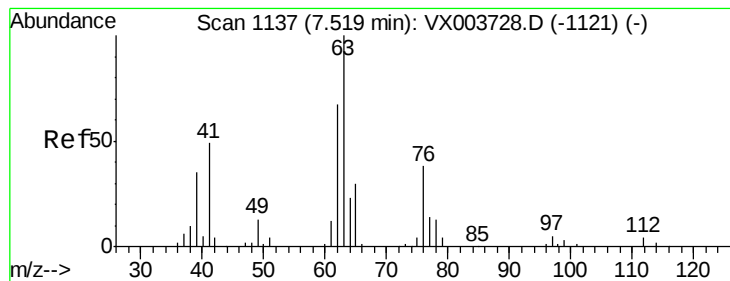


#44

Trichloroethene
 Concen: 19.955 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX003794.D
 Acq: 01 Aug 2018 15:26

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.1	0.0	196.2





#45

1,2-Dichloropropane

Concen: 20.622 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX003794.D

Acq: 01 Aug 2018 15:26

Instrument :

MSVOA_X

ClientSampleId :

VX0801SBS01

Tot Ion: 63 Resp: 21868

Ion Ratio Lower Upper

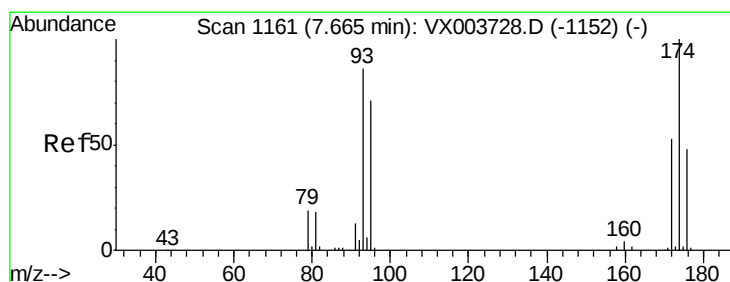
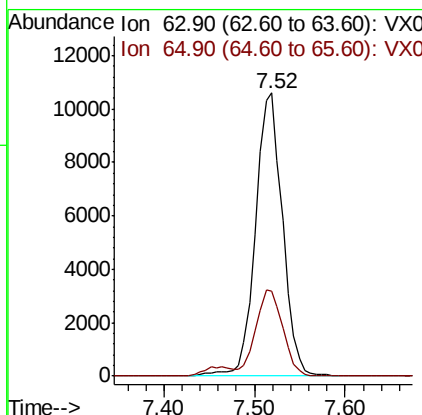
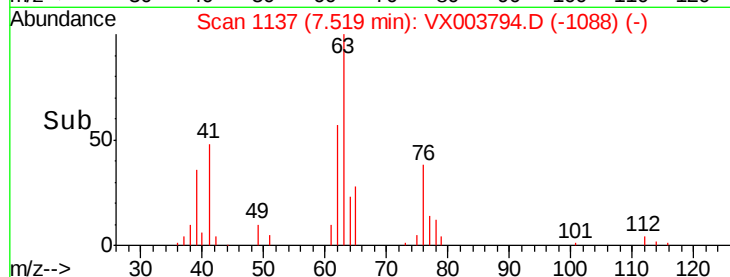
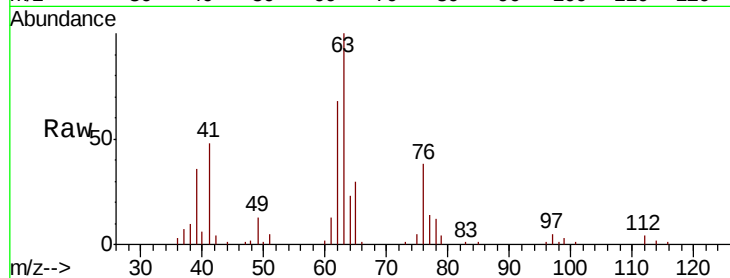
63 100

65 30.1 23.7 35.5

Manual Integrations
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#46

Dibromomethane

Concen: 19.729 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX003794.D

Acq: 01 Aug 2018 15:26

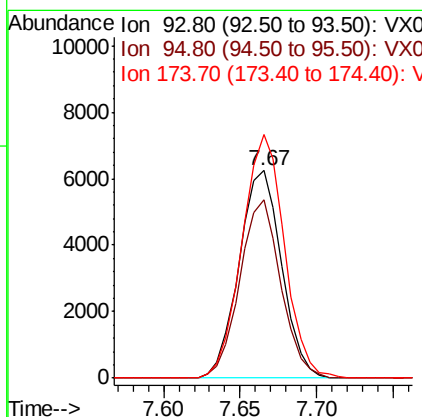
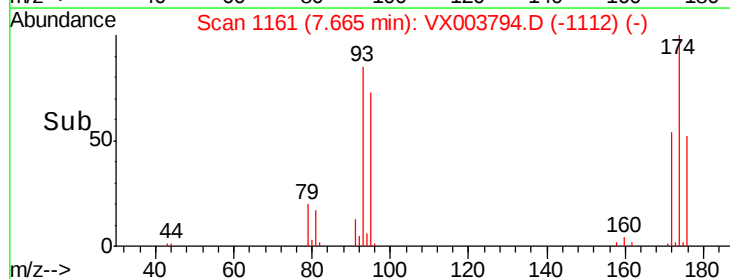
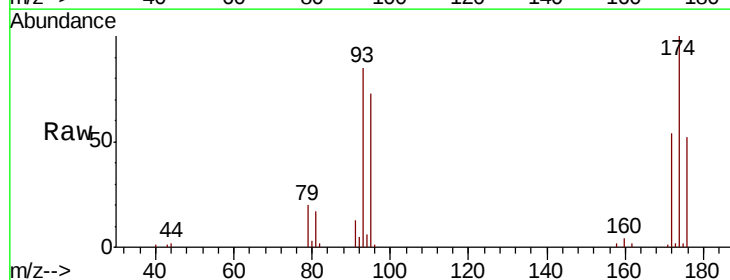
Tgt Ion: 93 Resp: 12056

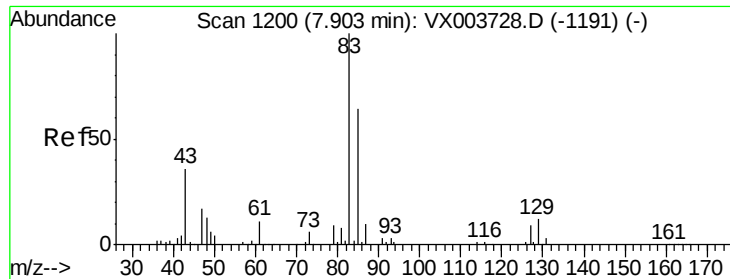
Ion Ratio Lower Upper

93 100

95 82.8 68.1 102.1

174 117.2 96.2 144.4





#47

Bromodichloromethane

Concen: 20.259 ug/l

RT: 7.90 min Scan# 1199

Delta R.T. -0.01 min

Lab File: VX003794.D

Acq: 01 Aug 2018 15:26

Instrument :

MSVOA_X

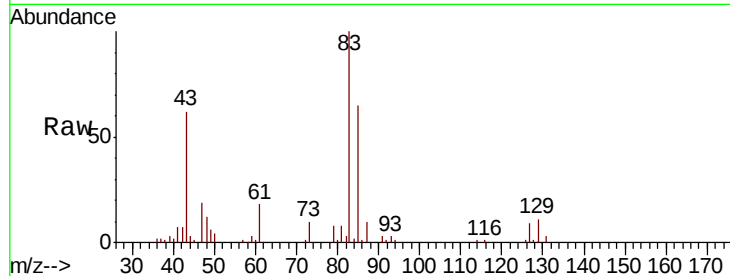
ClientSampleId :

VX0801SBS01

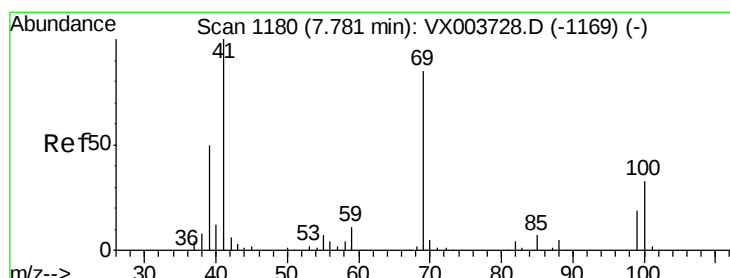
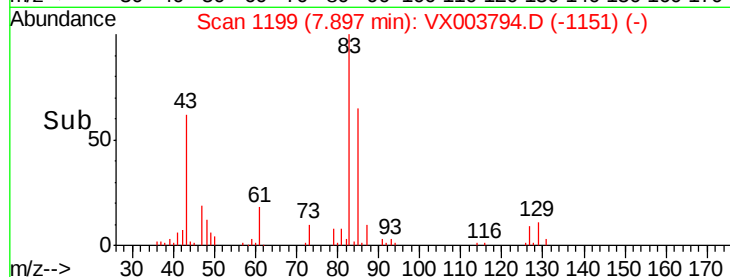
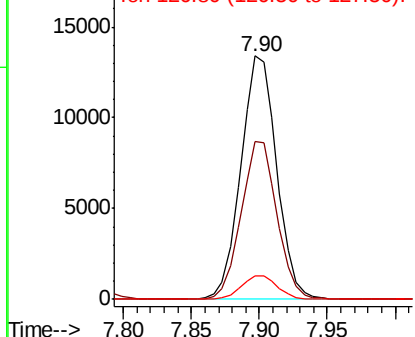
Tot Ion:	83	Resp:	24671
Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.1	76.7
127	9.4	7.1	10.7

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



#48

Methyl methacrylate

Concen: 19.249 ug/l

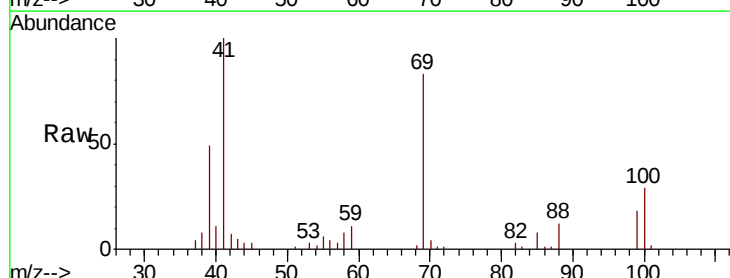
RT: 7.77 min Scan# 1179

Delta R.T. -0.01 min

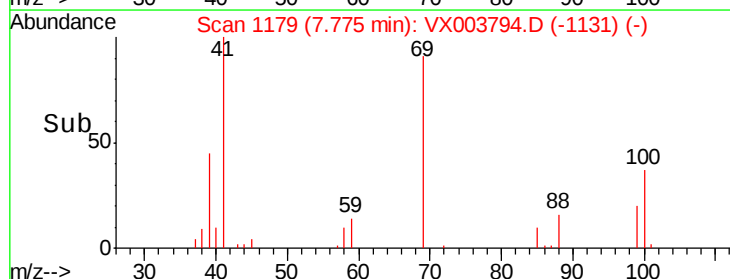
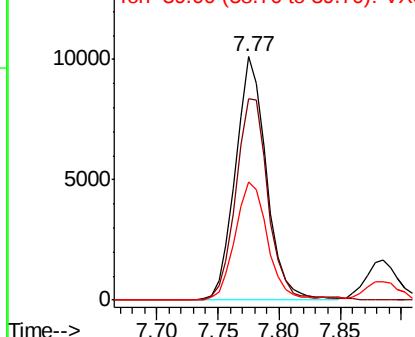
Lab File: VX003794.D

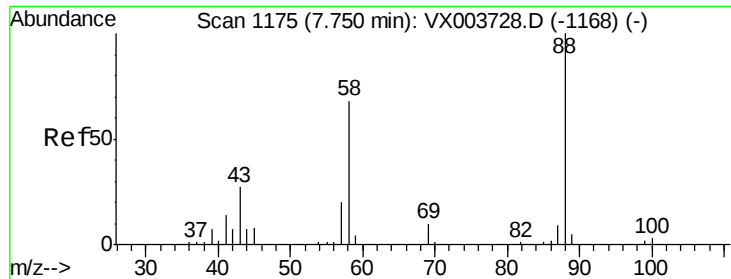
Acq: 01 Aug 2018 15:26

Tgt Ion:	41	Resp:	17782
Ion	Ratio	Lower	Upper
41	100		
69	86.2	68.7	103.1
39	50.8	40.8	61.2



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





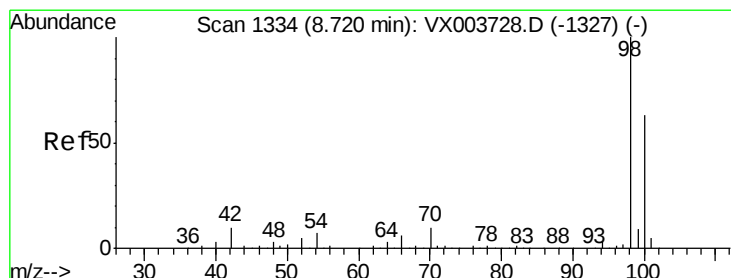
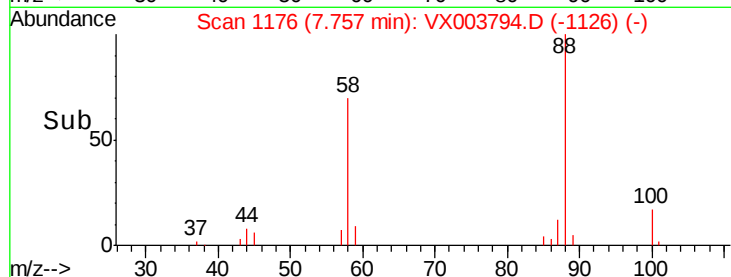
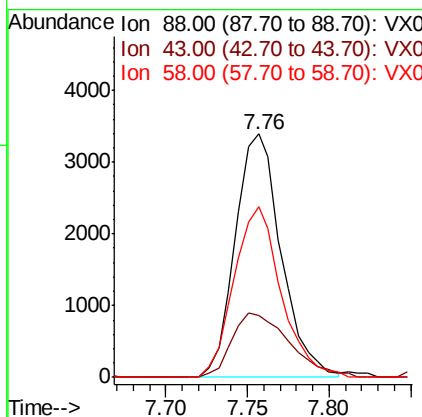
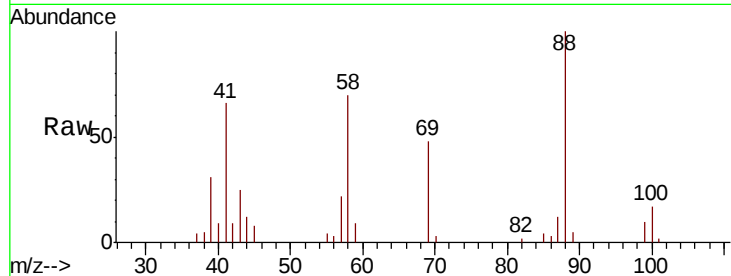
#49
1,4-Dioxane
Concen: 356.341 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. 0.01 min
Lab File: VX003794.D
Acq: 01 Aug 2018 15:26

Instrument :
MSVOA_X
ClientSampleId :
VX0801SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.1	26.0	39.0
58	71.8	57.1	85.7

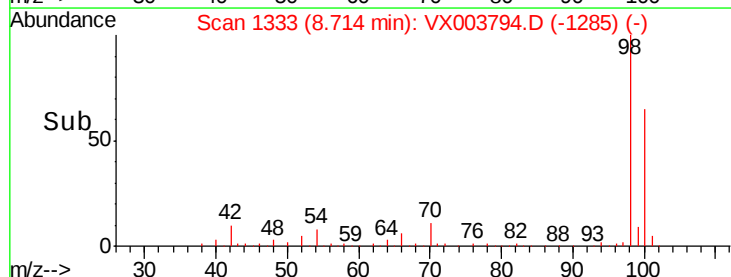
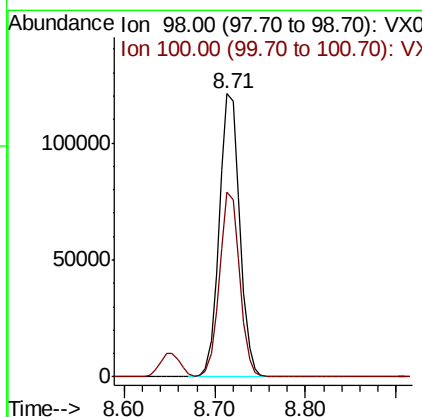
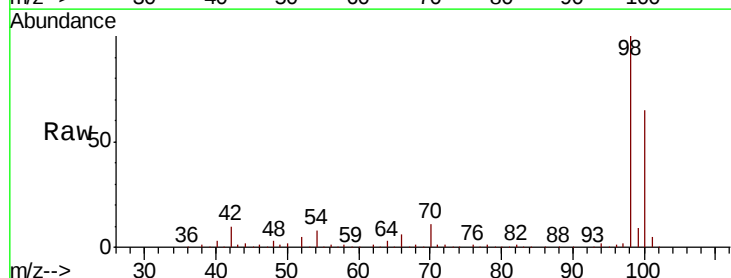
Manual Integrations
APPROVED

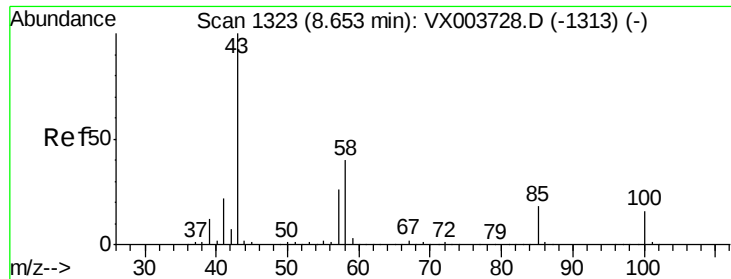
apatel
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#50
Toluene-d8
Concen: 48.340 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.01 min
Lab File: VX003794.D
Acq: 01 Aug 2018 15:26

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.4	77.0





#51

4-Methyl-2-Pentanone

Concen: 93.675 ug/l

RT: 8.65 min Scan# 1322

Delta R.T. -0.01 min

Lab File: VX003794.D

Acq: 01 Aug 2018 15:26

Instrument :

MSVOA_X

ClientSampled :

VX0801SBS01

Tot Ion: 43 Resp: 106024

Ion Ratio Lower Upper

43 100

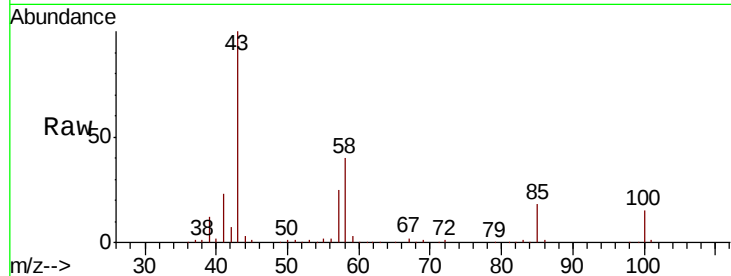
58 40.2 32.1 48.1

Manual Integrations

APPROVED

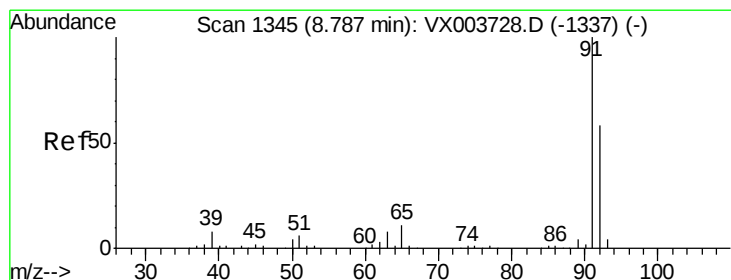
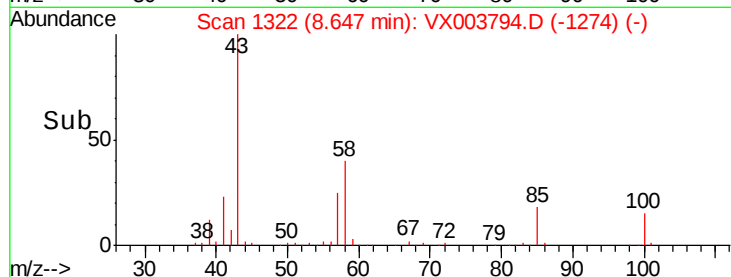
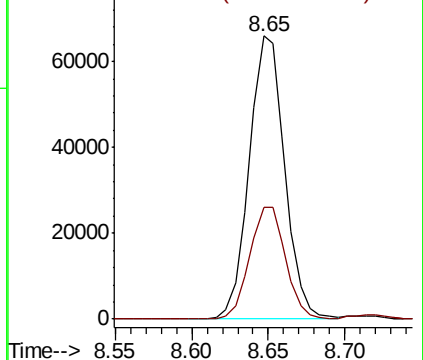
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.516 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003794.D

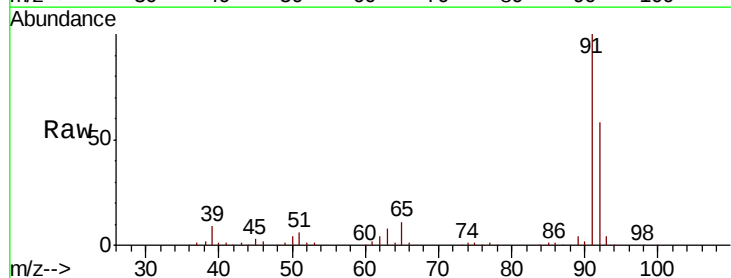
Acq: 01 Aug 2018 15:26

Tgt Ion: 92 Resp: 55184

Ion Ratio Lower Upper

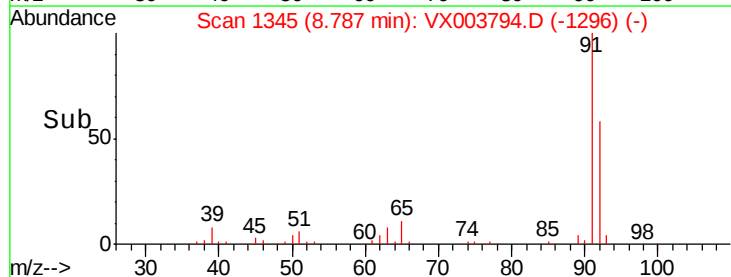
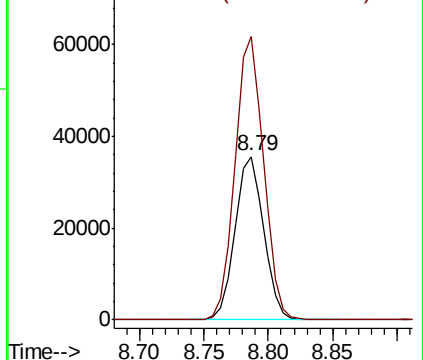
92 100

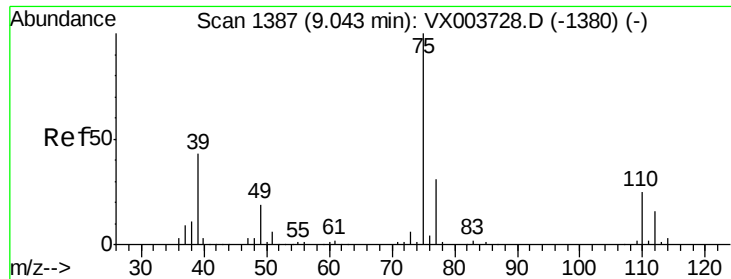
91 172.5 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





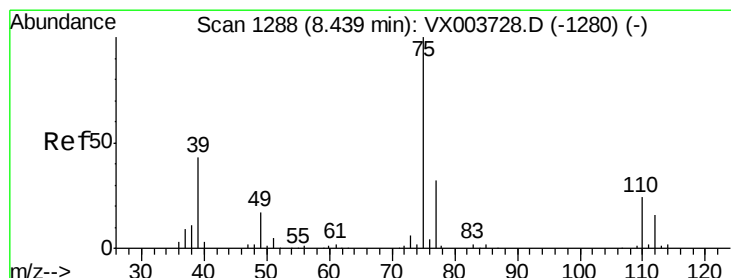
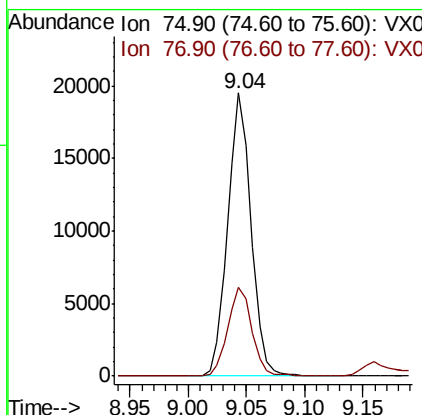
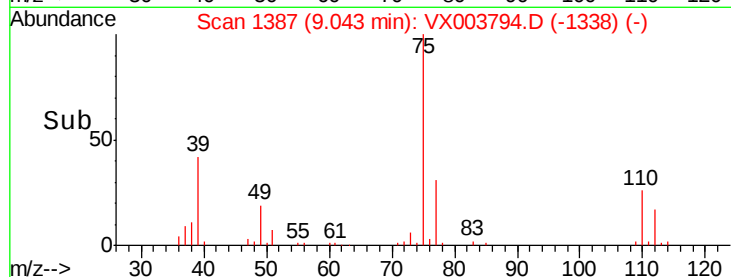
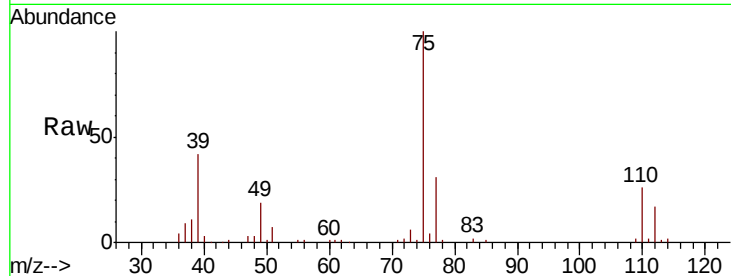
#53
 t-1,3-Dichloropropene
 Concen: 19.584 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: VX003794.D
 Acq: 01 Aug 2018 15:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0801SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.2	24.9	37.3

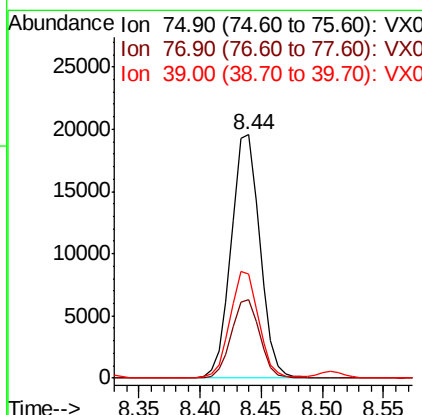
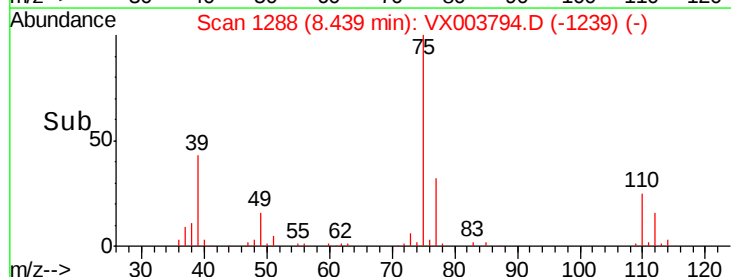
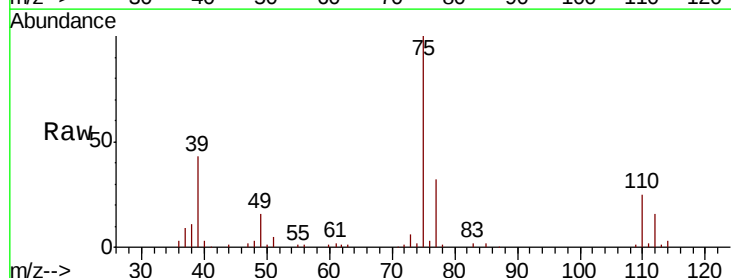
Manual Integrations
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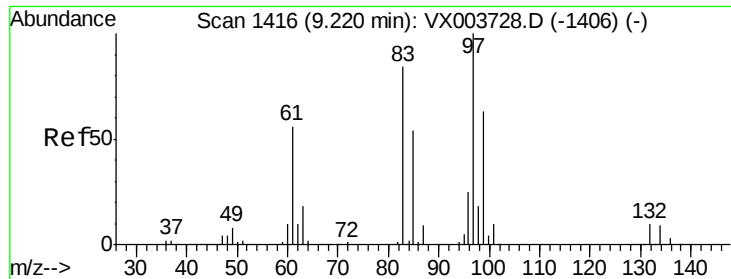
apatel
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#54
 cis-1,3-Dichloropropene
 Concen: 20.484 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VX003794.D
 Acq: 01 Aug 2018 15:26

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.3	37.9
39	42.7	34.1	51.1





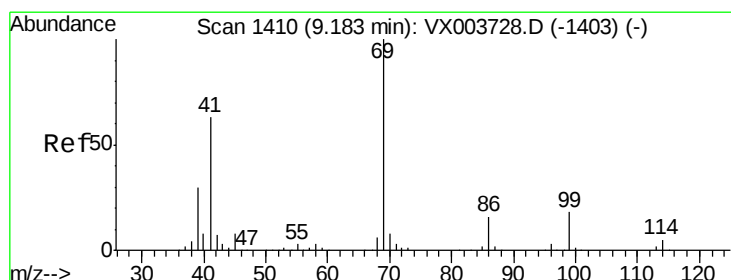
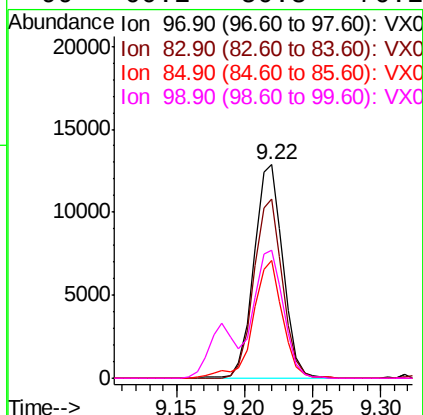
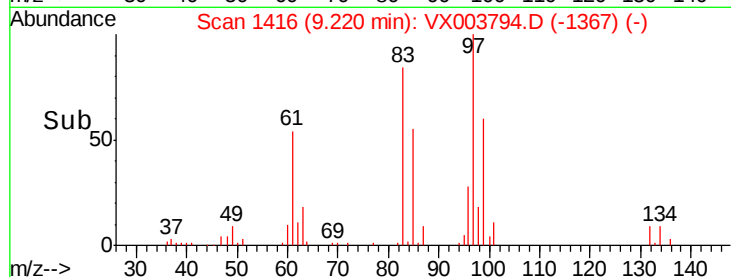
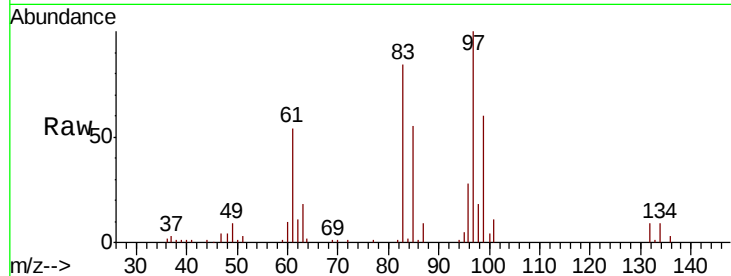
#55
 1,1,2-Trichloroethane
 Concen: 20.805 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003794.D
 Acq: 01 Aug 2018 15:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0801SBS01

Tot Ion:	97	Resp:	19260
Ion	Ratio	Lower	Upper
97	100		
83	84.2	67.4	101.0
85	55.1	43.3	64.9
99	60.2	50.8	76.2

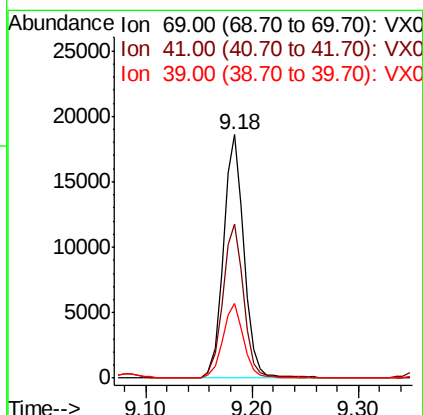
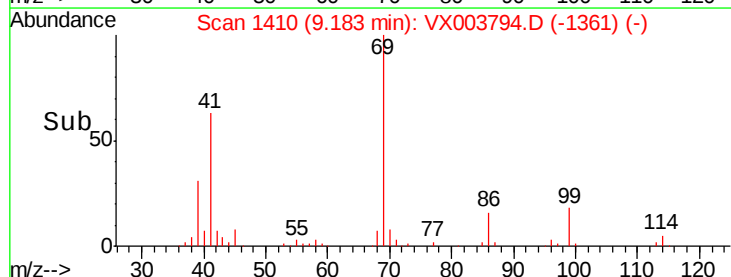
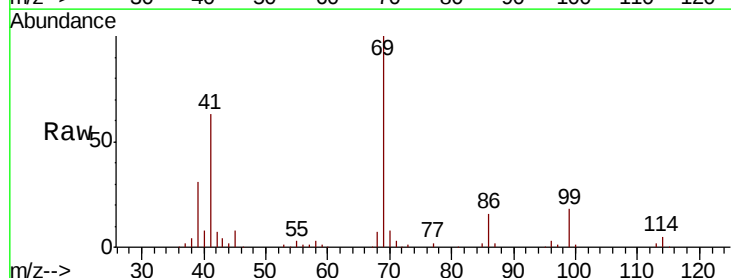
Manual Integrations
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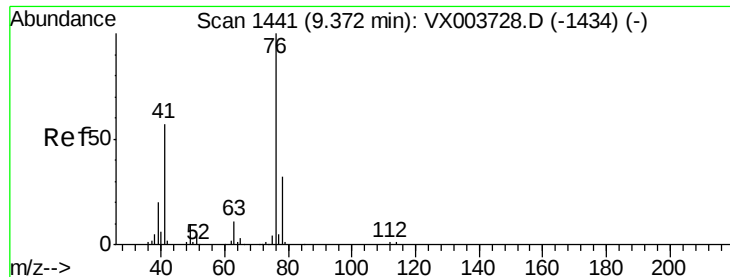
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#56
 Ethyl methacrylate
 Concen: 19.691 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003794.D
 Acq: 01 Aug 2018 15:26

Tgt Ion:	69	Resp:	25039
Ion	Ratio	Lower	Upper
69	100		
41	65.0	51.6	77.4
39	31.4	25.1	37.7





#57

1,3-Dichloropropane

Concen: 20.479 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. 0.00 min

Lab File: VX003794.D

Acq: 01 Aug 2018 15:26

Instrument :

MSVOA_X

ClientSampled :

VX0801SBS01

Tot Ion: 76 Resp: 31824

Ion Ratio Lower Upper

76 100

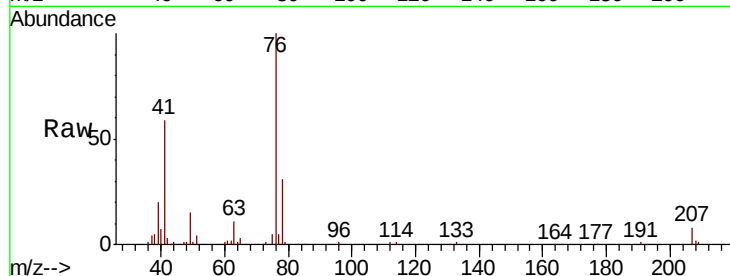
78 31.6 25.7 38.5

Manual Integrations

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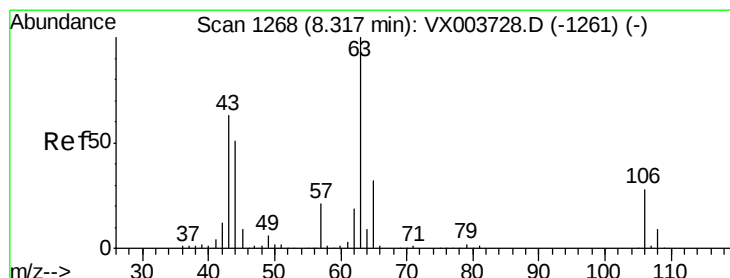
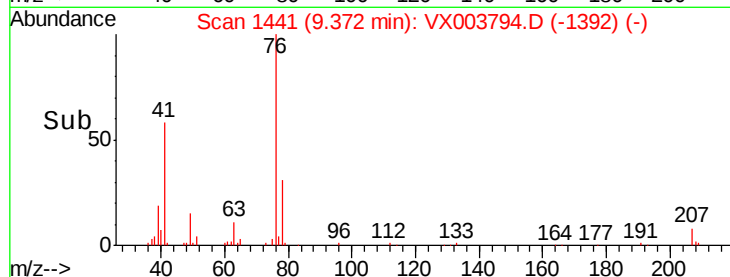
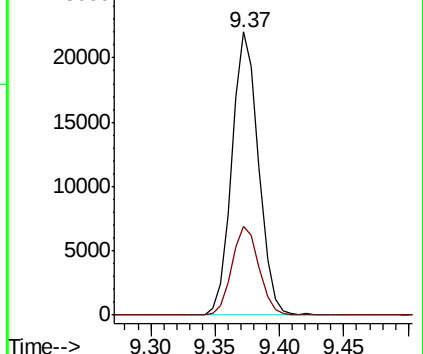
apatel

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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: 89.421 ug/l

RT: 8.31 min Scan# 1267

Delta R.T. -0.01 min

Lab File: VX003794.D

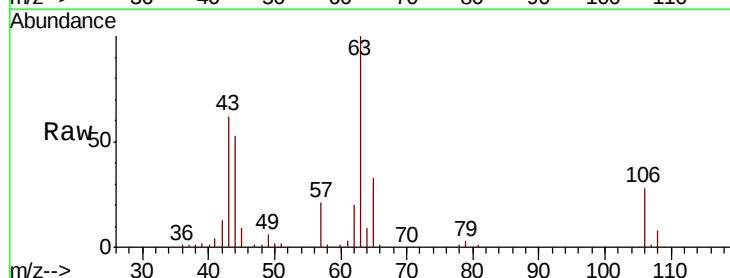
Acq: 01 Aug 2018 15:26

Tgt Ion: 63 Resp: 53156

Ion Ratio Lower Upper

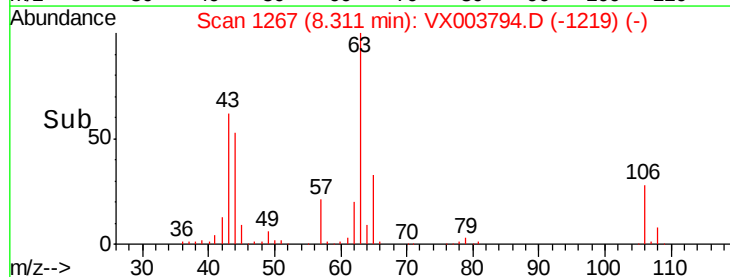
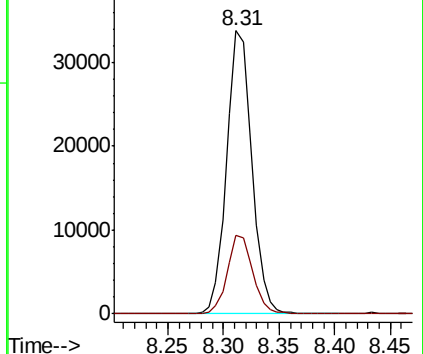
63 100

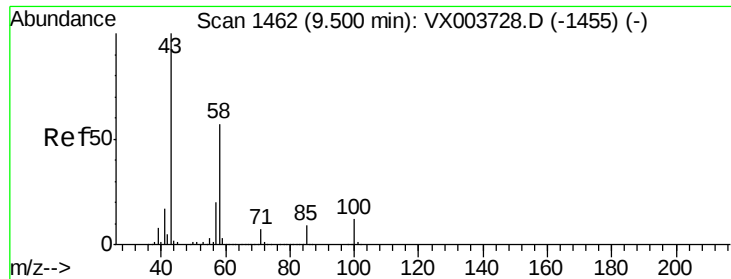
106 27.8 22.5 33.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





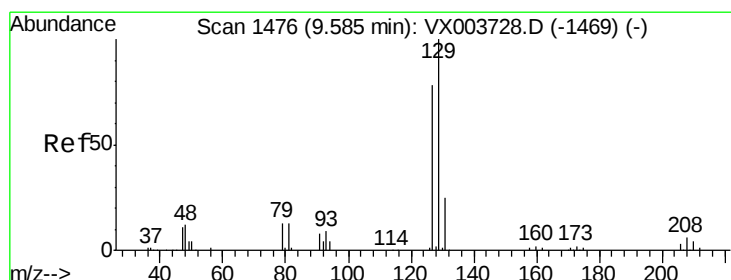
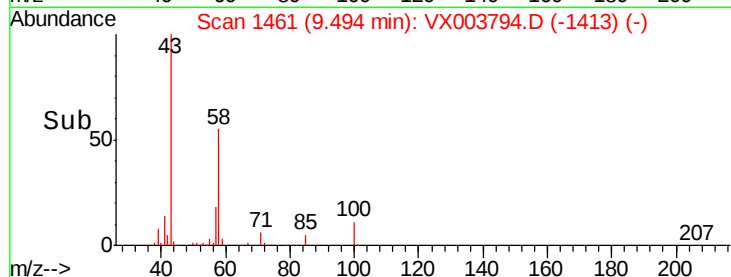
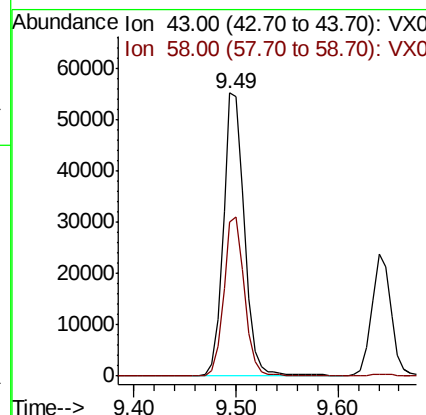
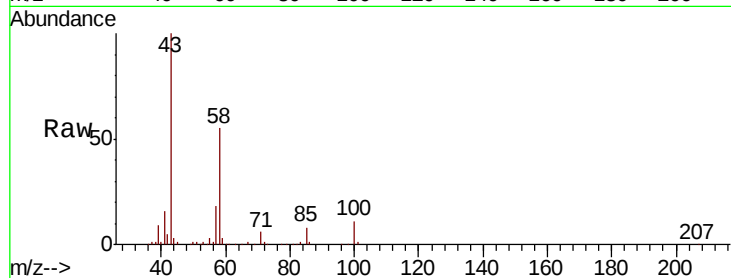
#59
2-Hexanone
Concen: 92.373 ug/l
RT: 9.49 min Scan# 1461
Delta R.T. -0.01 min
Lab File: VX003794.D
Acq: 01 Aug 2018 15:26

Instrument :
MSVOA_X
ClientSampleId :
VX0801SBS01

Tot Ion: 43 Resp: 79648
Ion Ratio Lower Upper
43 100
58 55.1 28.0 83.9

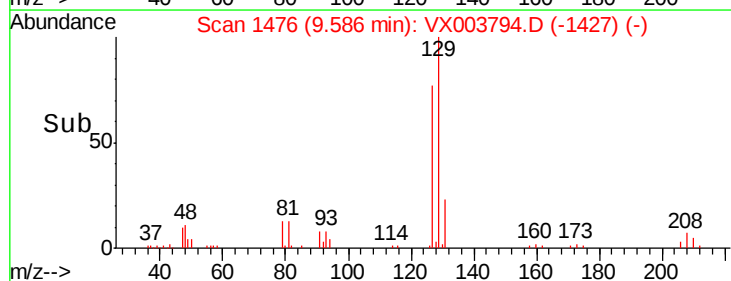
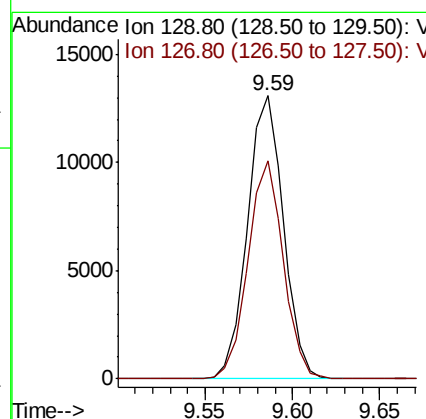
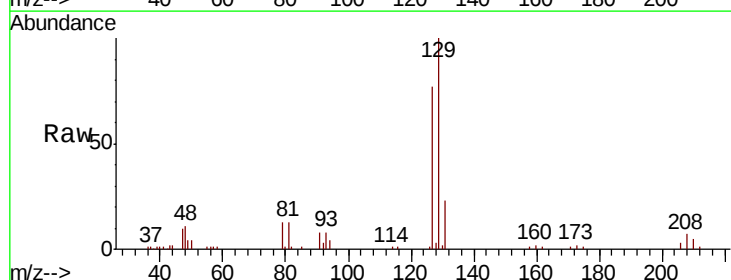
Manual Integrations
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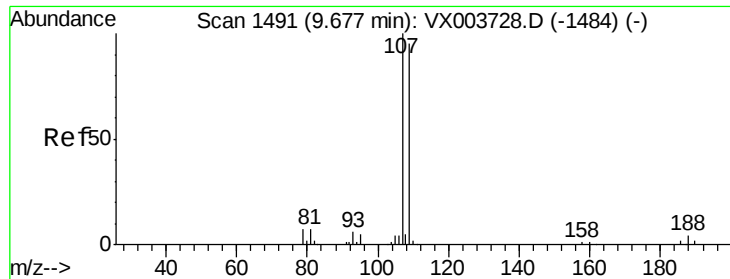
apatel
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#60
Dibromochloromethane
Concen: 20.048 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003794.D
Acq: 01 Aug 2018 15:26

Tgt Ion: 129 Resp: 18691
Ion Ratio Lower Upper
129 100
127 75.6 38.8 116.4





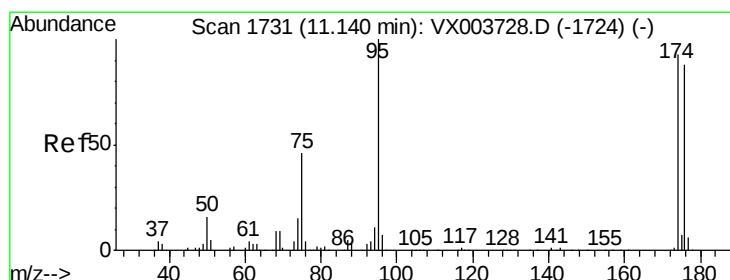
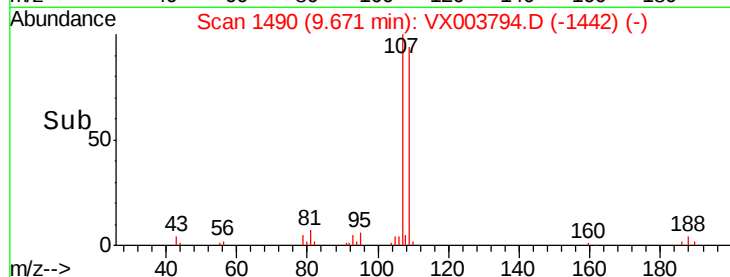
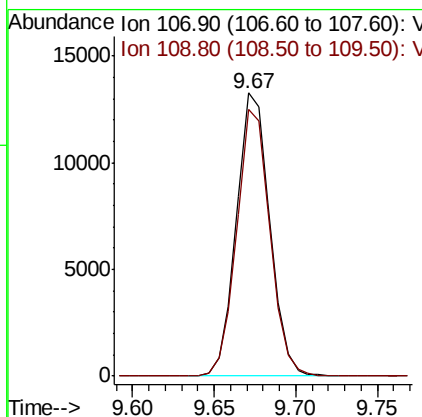
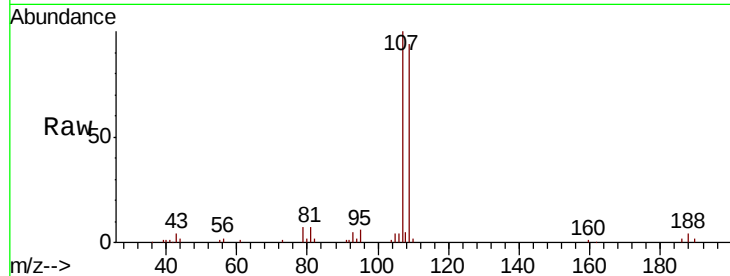
#61
 1,2-Dibromoethane
 Concen: 19.993 ug/l
 RT: 9.67 min Scan# 1490
 Delta R.T. -0.01 min
 Lab File: VX003794.D
 Acq: 01 Aug 2018 15:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0801SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.2	75.0	112.6

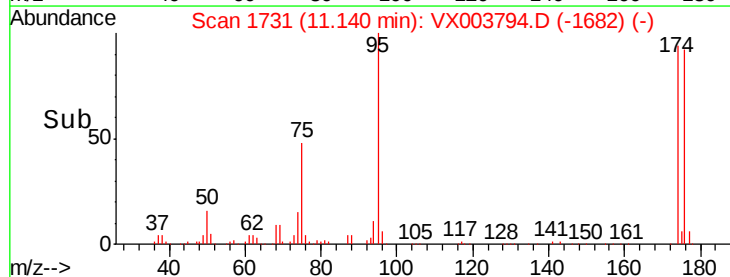
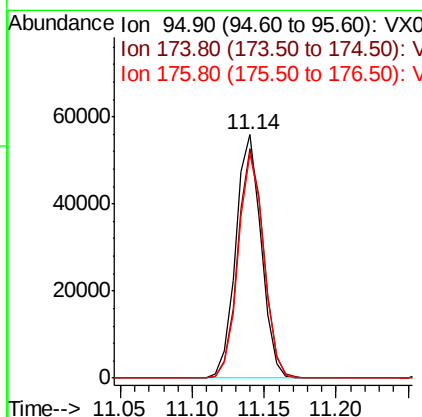
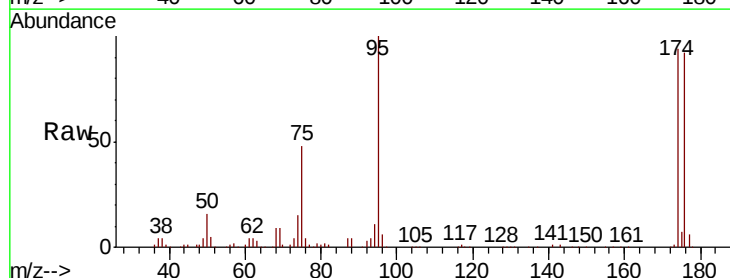
Manual Integrations
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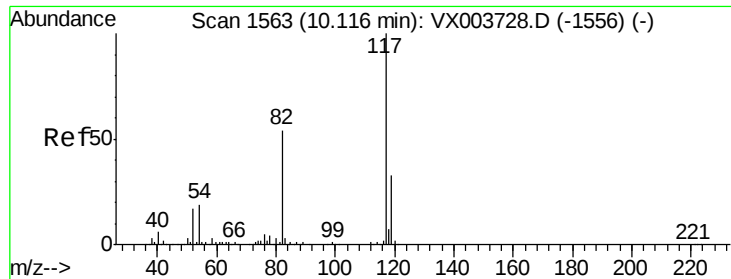
apatel
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#62
 4-Bromofluorobenzene
 Concen: 47.661 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX003794.D
 Acq: 01 Aug 2018 15:26

Tgt Ion	Ratio	Lower	Upper
95	100		
174	94.4	0.0	186.2
176	91.5	0.0	179.2





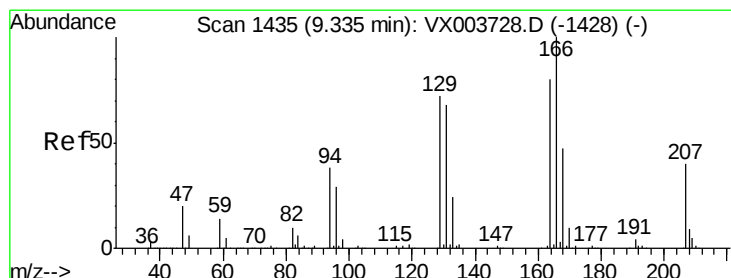
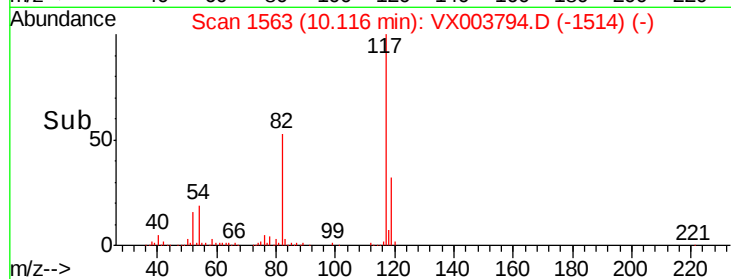
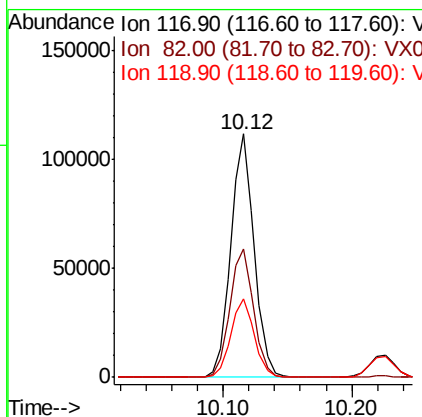
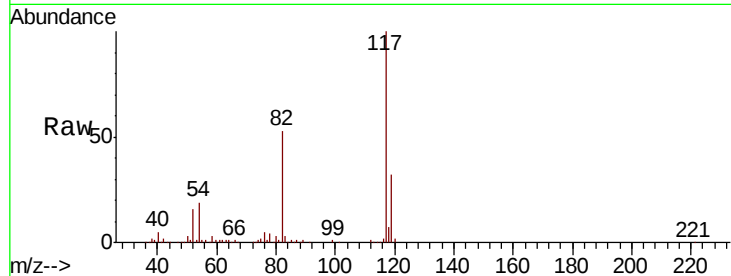
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003794.D
Acq: 01 Aug 2018 15:26

Instrument :
MSVOA_X
ClientSampleId :
VX0801SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	141153		
82	52.7	43.2	64.8	
119	32.2	26.3	39.5	

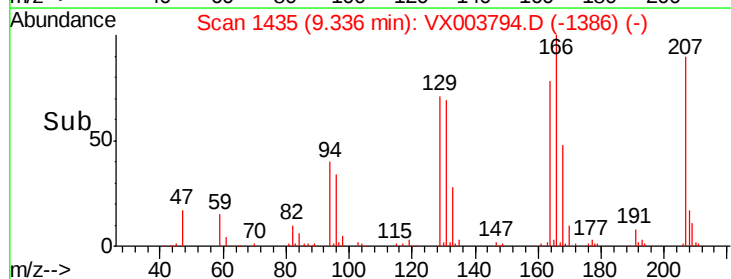
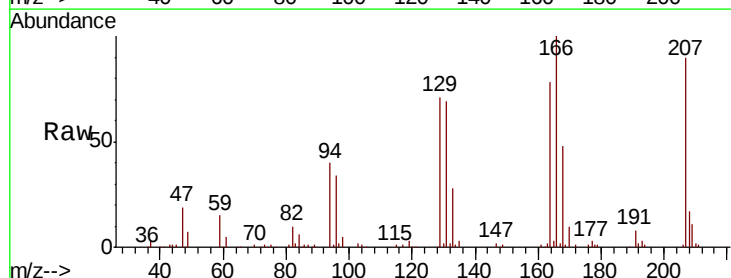
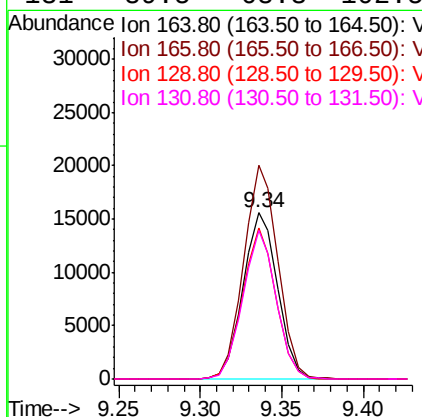
Manual Integrations
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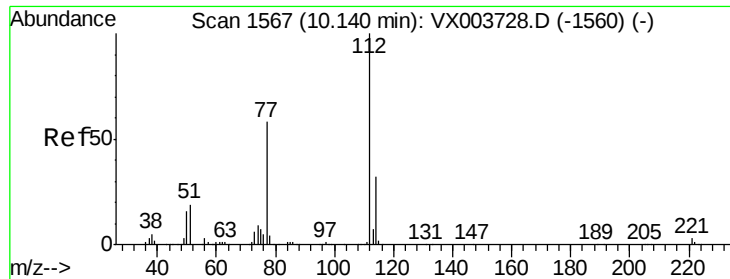
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#64
Tetrachloroethene
Concen: 20.629 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003794.D
Acq: 01 Aug 2018 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	22888		
166	128.8	100.4	150.6	
129	90.9	71.8	107.8	
131	89.5	68.3	102.5	





#65

Chlorobenzene

Concen: 21.058 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX003794.D

Acq: 01 Aug 2018 15:26

Instrument :

MSVOA_X

ClientSampled :

VX0801SBS01

Tot Ion:112 Resp: 62113

Ion Ratio Lower Upper

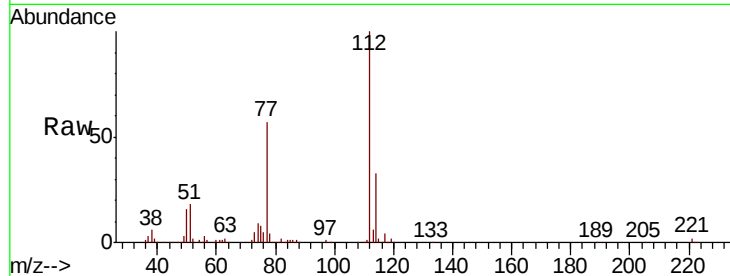
112 100

114 33.1 25.7 38.5

Manual Integrations
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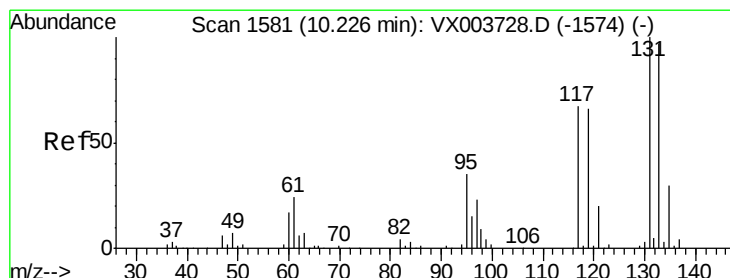
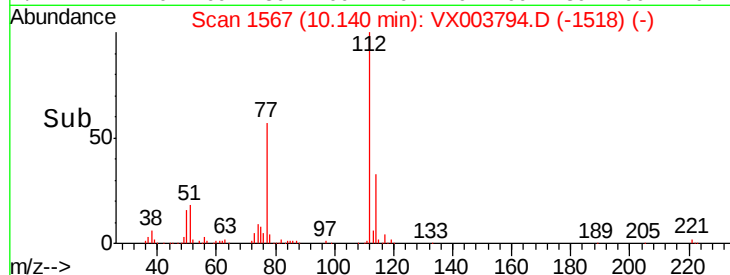
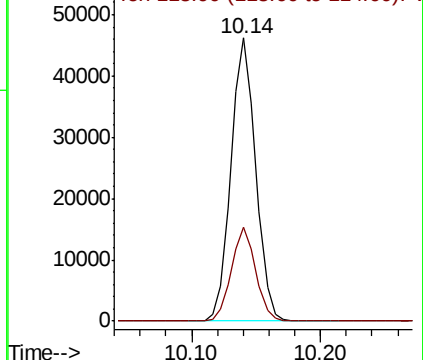
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.951 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003794.D

Acq: 01 Aug 2018 15:26

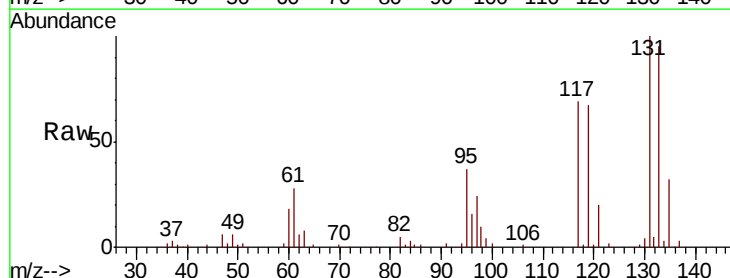
Tgt Ion:131 Resp: 20153

Ion Ratio Lower Upper

131 100

133 95.5 47.6 142.9

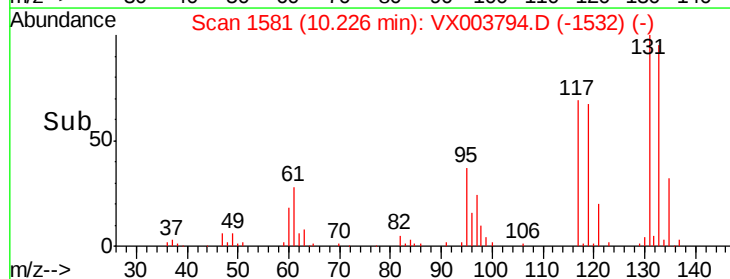
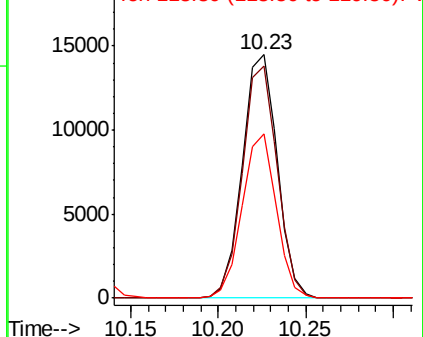
119 66.2 32.8 98.3

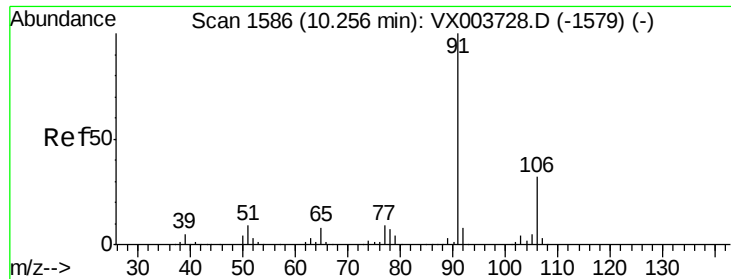


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 20.937 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX003794.D

Acq: 01 Aug 2018 15:26

Instrument :

MSVOA_X

ClientSampled :

VX0801SBS01

Tot Ion: 91 Resp: 104279

Ion Ratio Lower Upper

91 100

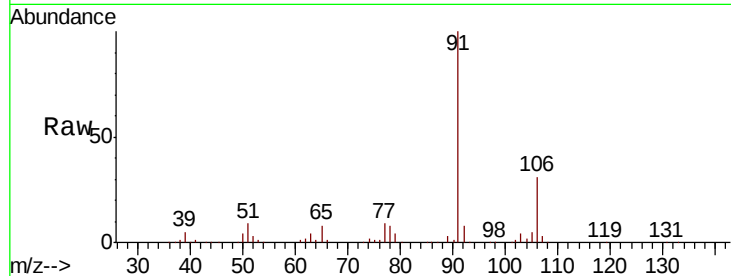
106 31.4 25.4 38.2

Manual Integrations

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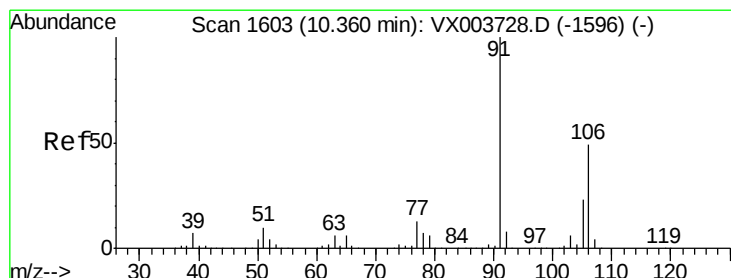
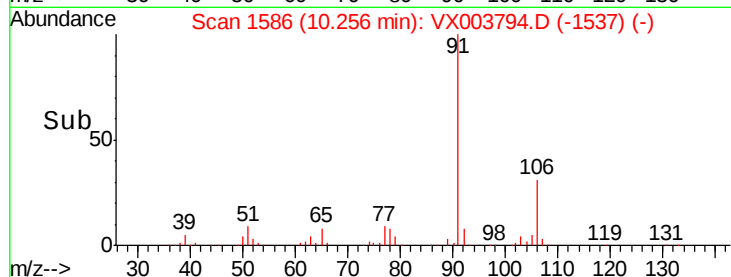
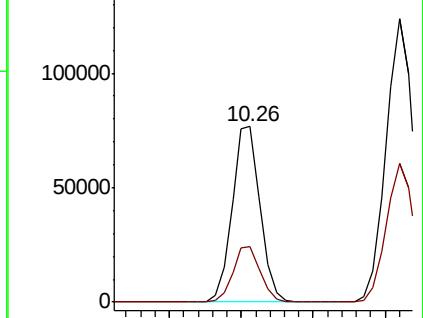
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 41.845 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VX003794.D

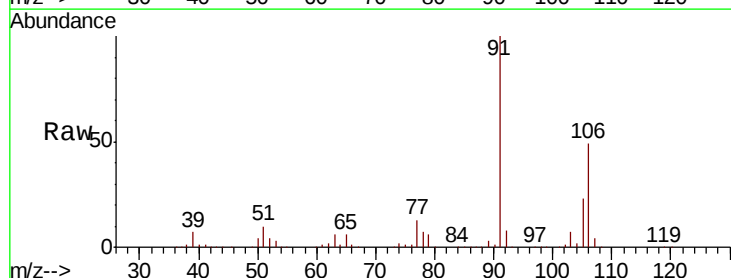
Acq: 01 Aug 2018 15:26

Tgt Ion:106 Resp: 81528

Ion Ratio Lower Upper

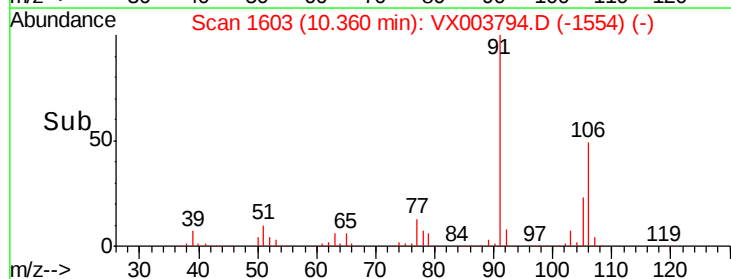
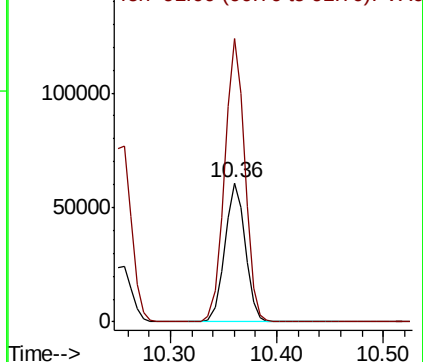
106 100

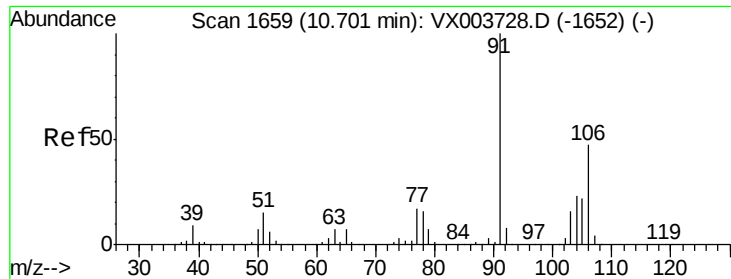
91 201.7 159.8 239.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





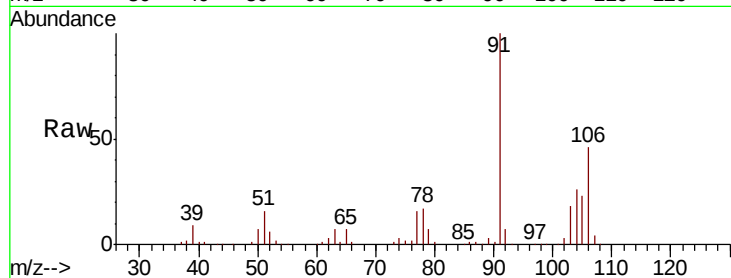
#69
o-Xylene
Concen: 20.821 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003794.D
Acq: 01 Aug 2018 15:26

Instrument :
MSVOA_X
ClientSampled :
VX0801SBS01

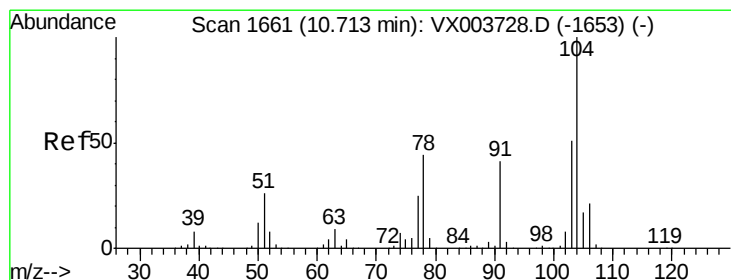
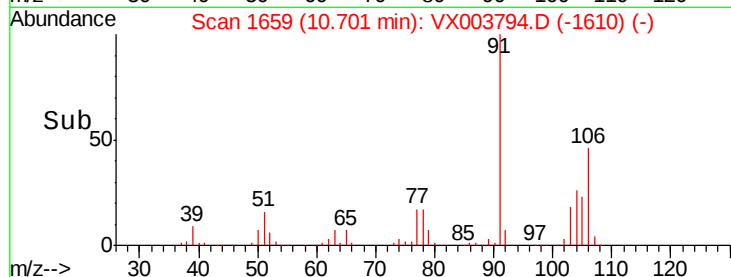
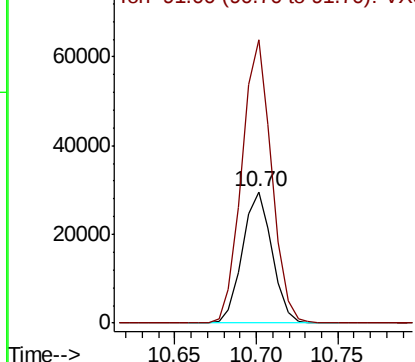
Tot Ion:106 Resp: 37668
Ion Ratio Lower Upper
106 100
91 215.7 105.6 316.8

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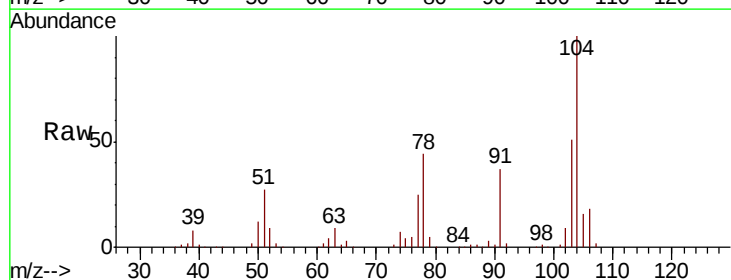


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

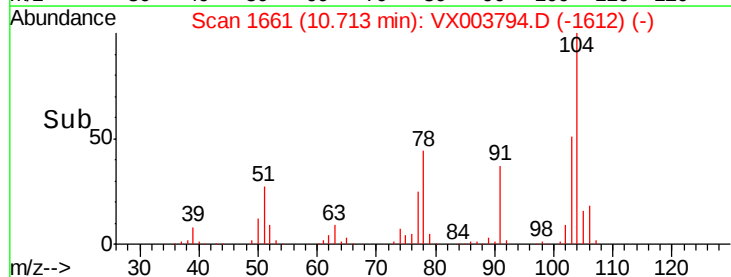
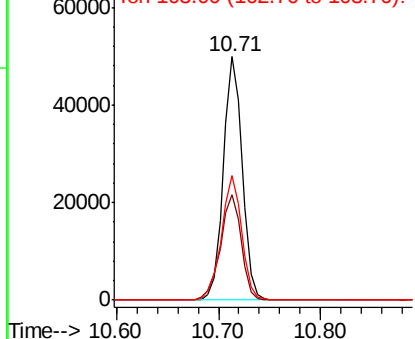


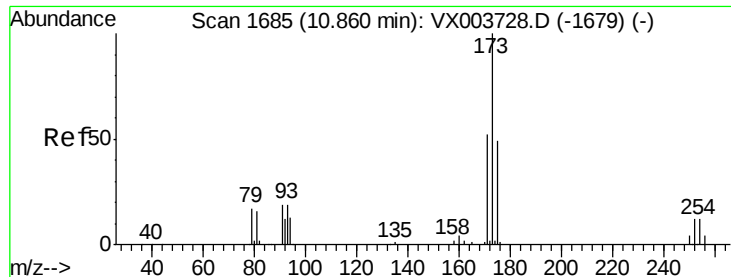
#70
Styrene
Concen: 21.179 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003794.D
Acq: 01 Aug 2018 15:26

Tgt Ion:104 Resp: 64458
Ion Ratio Lower Upper
104 100
78 47.9 38.2 57.2
103 55.0 44.5 66.7



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 19.316 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003794.D

Acq: 01 Aug 2018 15:26

Instrument :

MSVOA_X

ClientSampled :

VX0801SBS01

Tot Ion:173 Resp: 12775

Ion Ratio Lower Upper

173 100

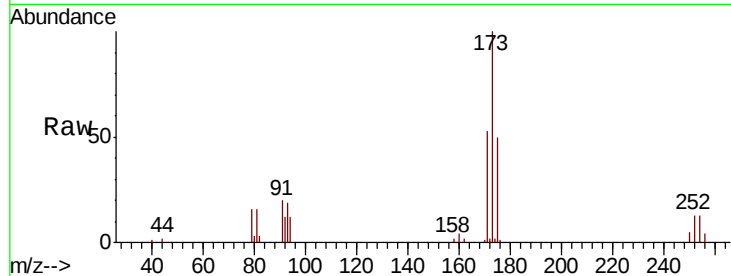
175 50.9 24.9 74.6

254 0.0 0.0 0.0

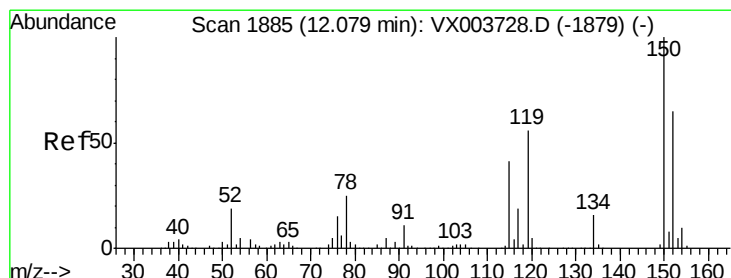
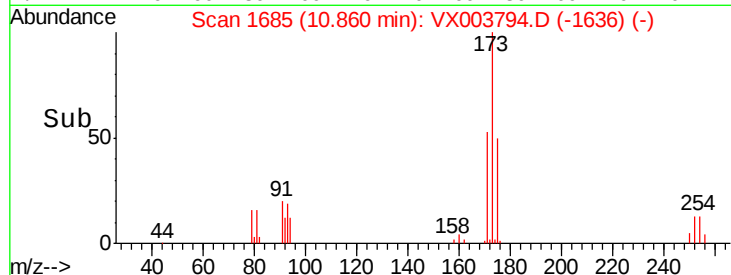
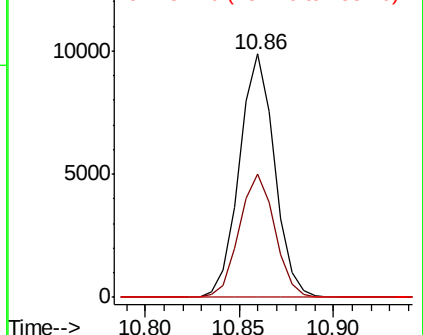
Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003794.D

Acq: 01 Aug 2018 15:26

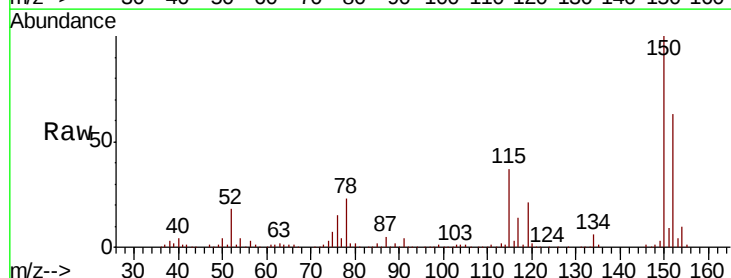
Tgt Ion:152 Resp: 81104

Ion Ratio Lower Upper

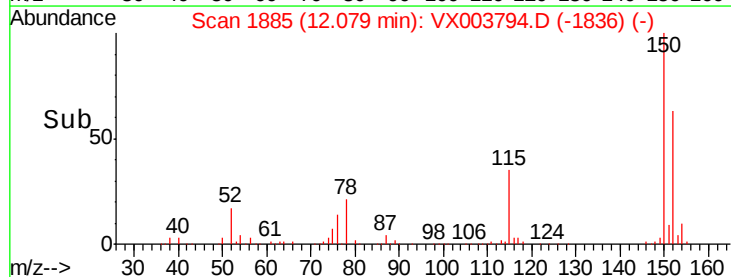
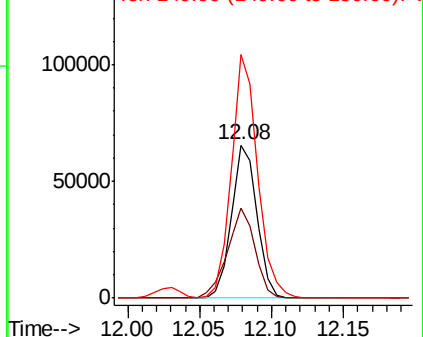
152 100

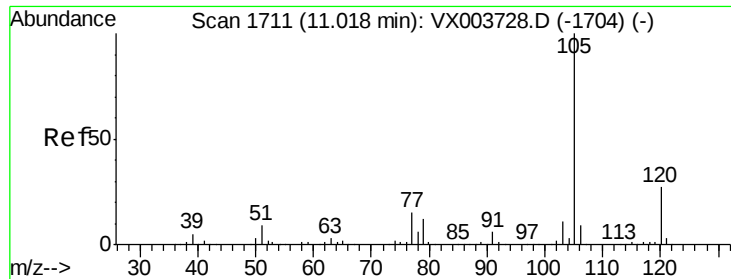
115 63.9 38.5 115.3

150 163.5 0.0 346.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.844 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX003794.D

Acq: 01 Aug 2018 15:26

Instrument :

MSVOA_X

ClientSampleId :

VX0801SBS01

Tot Ion: 105 Resp: 105834

Ion Ratio Lower Upper

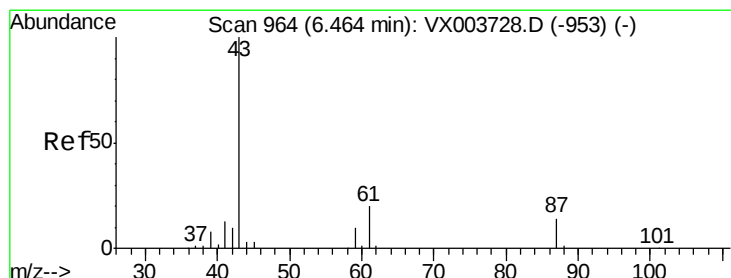
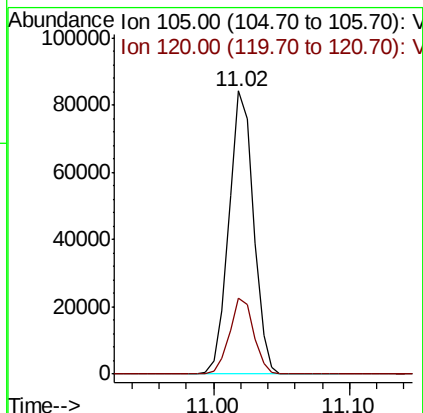
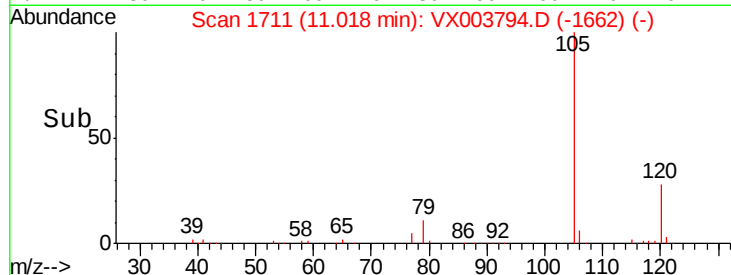
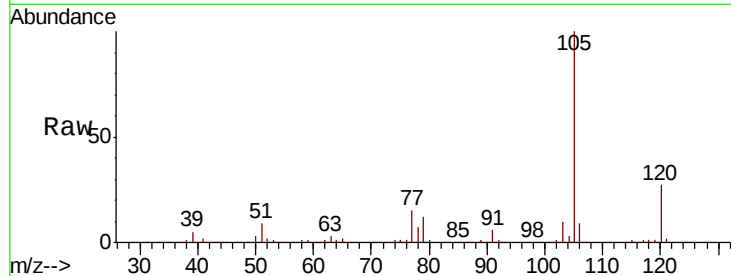
105 100

120 26.6 13.5 40.5

Manual Integrations
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#74

N-ethyl acetate

Concen: 20.342 ug/l

RT: 6.46 min Scan# 963

Delta R.T. -0.01 min

Lab File: VX003794.D

Acq: 01 Aug 2018 15:26

Tgt Ion: 43 Resp: 36609

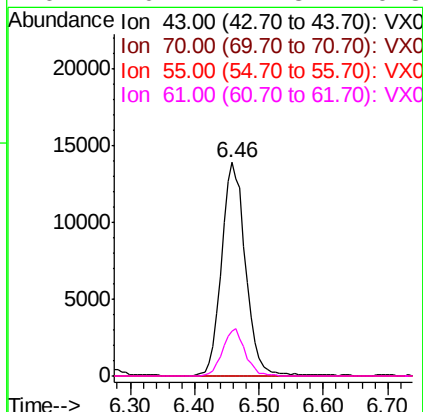
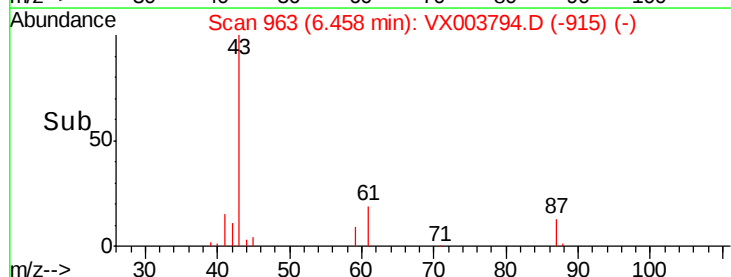
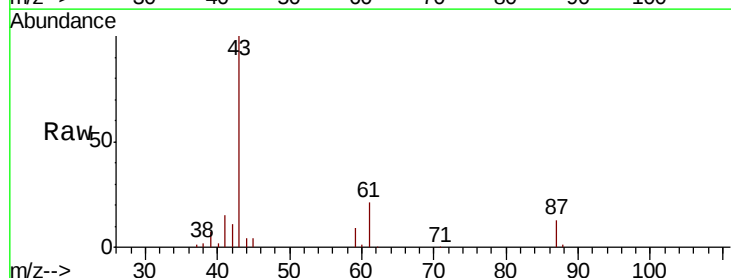
Ion Ratio Lower Upper

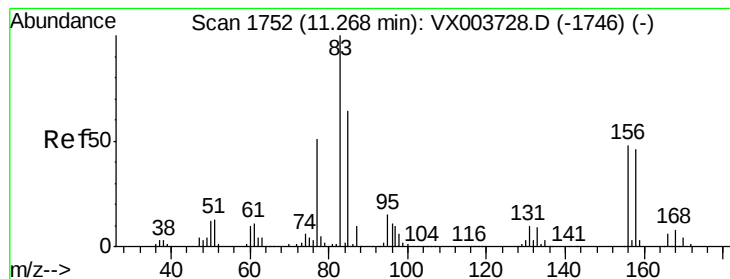
43 100

70 0.0 31.0 46.6#

55 0.0 18.9 28.3#

61 20.4 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.552 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. 0.00 min

Lab File: VX003794.D

Acq: 01 Aug 2018 15:26

Instrument :

MSVOA_X

ClientSampled :

VX0801SBS01

Tot Ion: 83 Resp: 25809

Ion Ratio Lower Upper

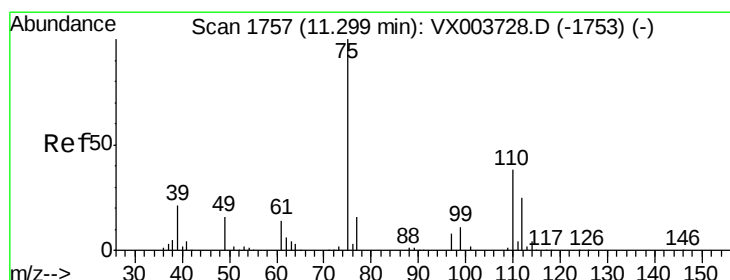
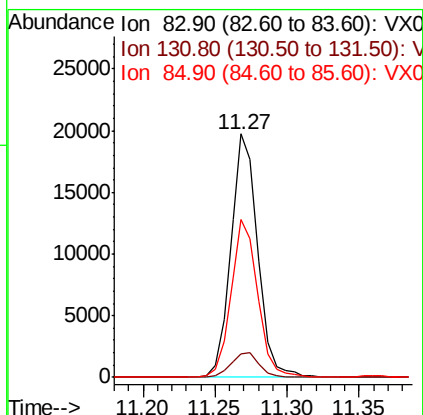
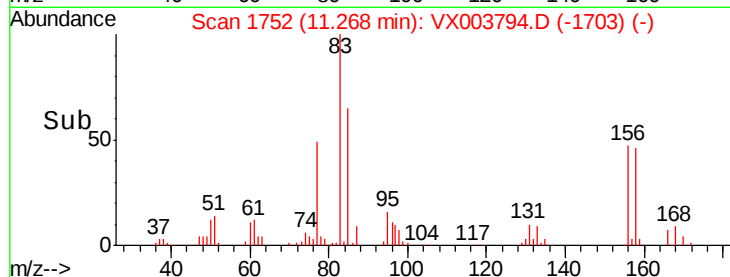
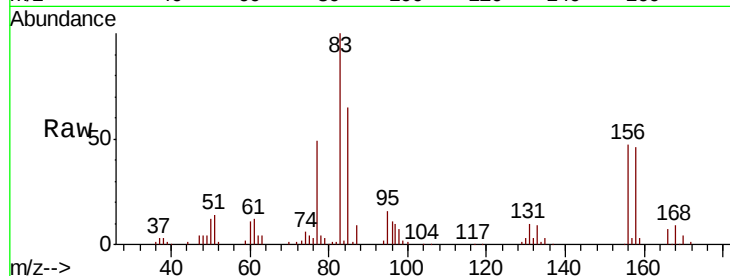
83 100

131 10.7 5.3 15.9

85 64.4 32.0 96.2

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#76

1,2,3-Trichloropropane

Concen: 20.113 ug/l m

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003794.D

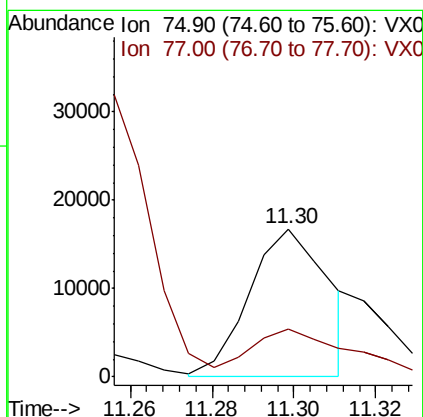
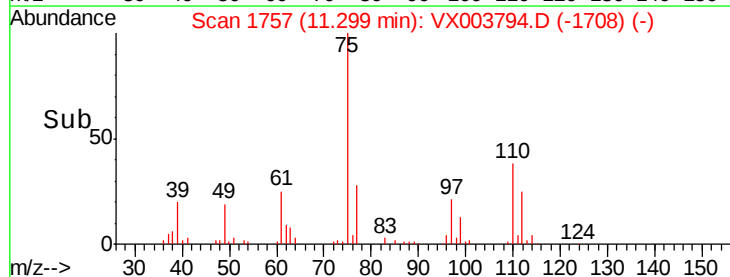
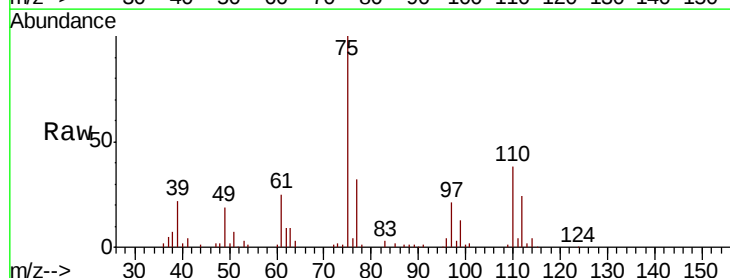
Acq: 01 Aug 2018 15:26

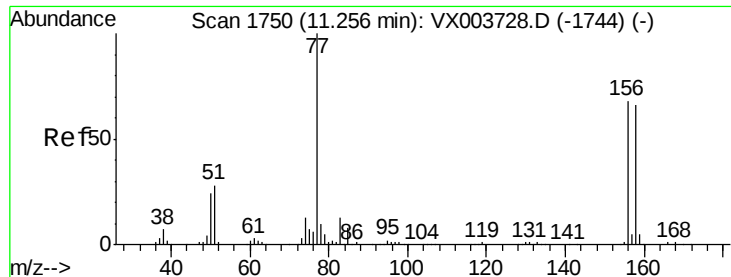
Tgt Ion: 75 Resp: 22484

Ion Ratio Lower Upper

75 100

77 41.6 21.6 65.0





#77

Bromobenzene

Concen: 20.764 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003794.D

Acq: 01 Aug 2018 15:26

Instrument :

MSVOA_X

ClientSampleId :

VX0801SBS01

Tot Ion:156 Resp: 27486

Ion Ratio Lower Upper

156 100

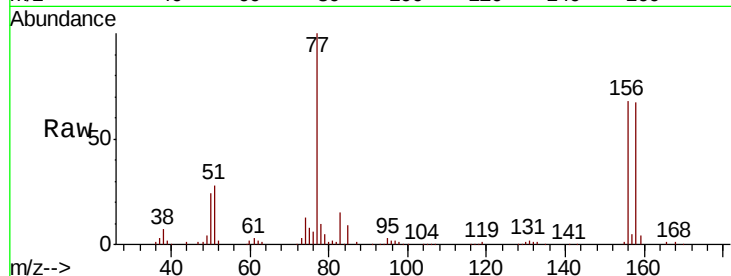
77 146.6 71.8 215.3

158 97.8 48.8 146.4

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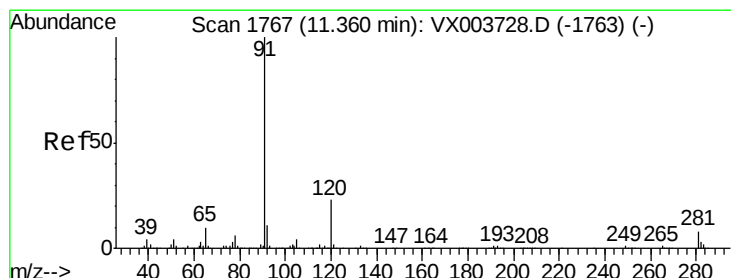
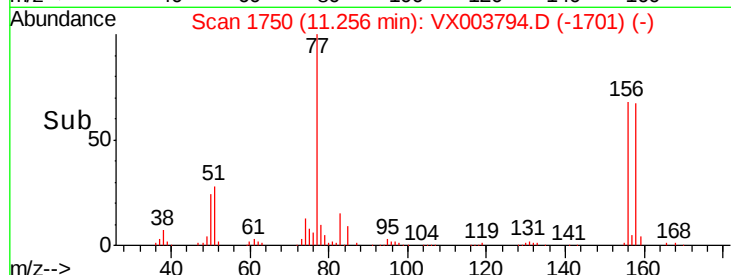
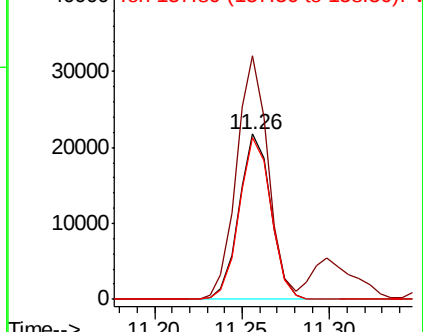
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.582 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003794.D

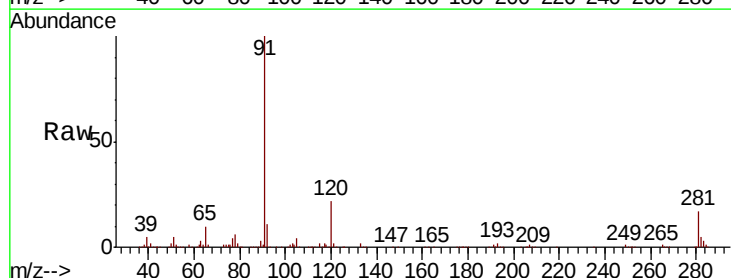
Acq: 01 Aug 2018 15:26

Tgt Ion: 91 Resp: 126603

Ion Ratio Lower Upper

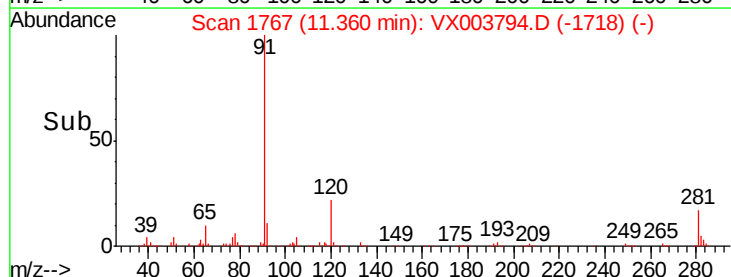
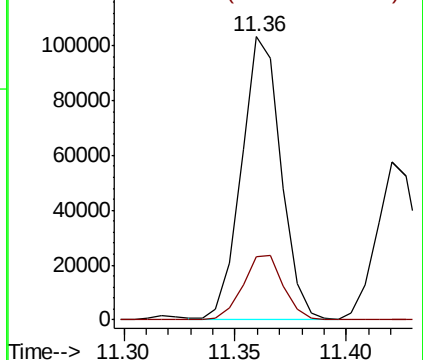
91 100

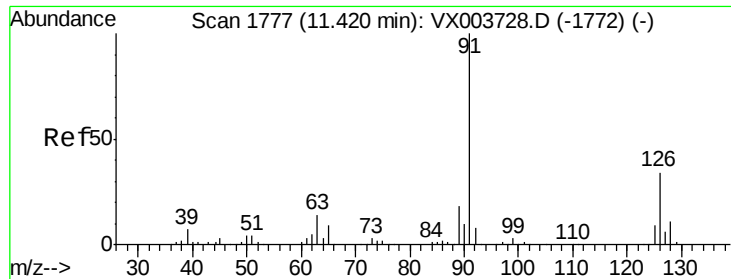
120 23.7 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





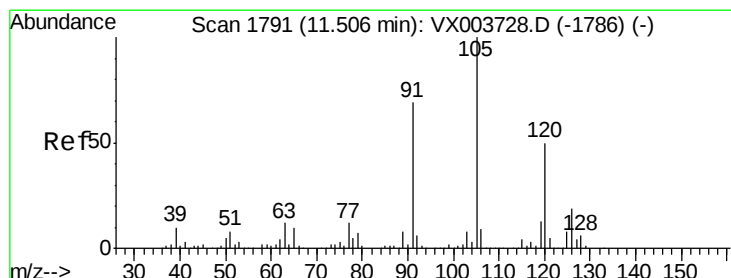
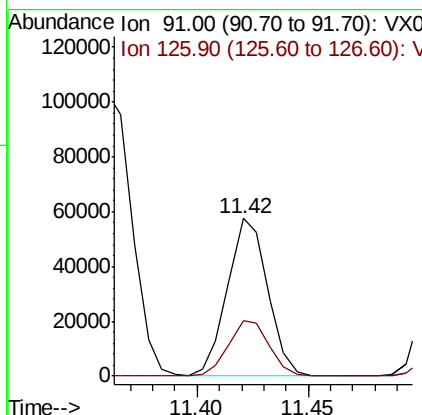
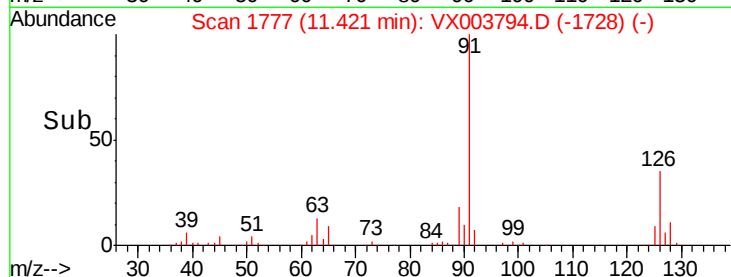
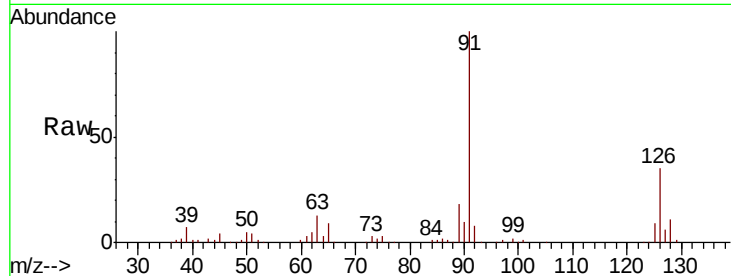
#79
 2-Chlorotoluene
 Concen: 20.692 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. 0.00 min
 Lab File: VX003794.D
 Acq: 01 Aug 2018 15:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0801SBS01

Tot Ion: 91 Resp: 72262
 Ion Ratio Lower Upper
 91 100
 126 35.8 17.6 52.8

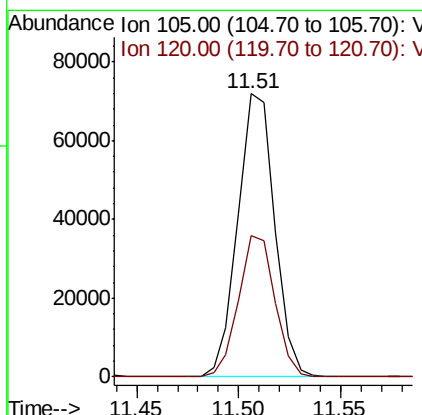
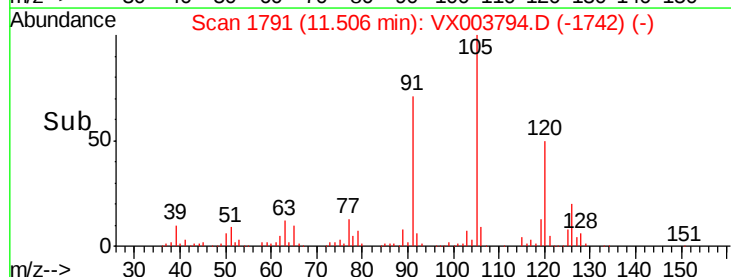
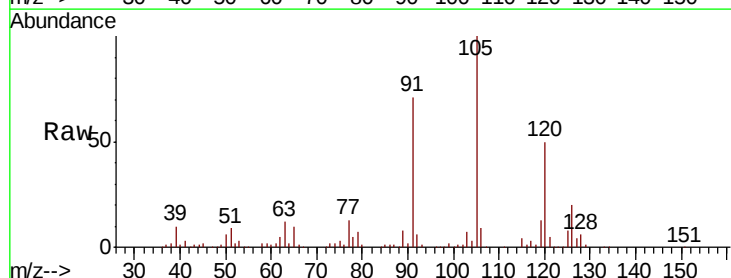
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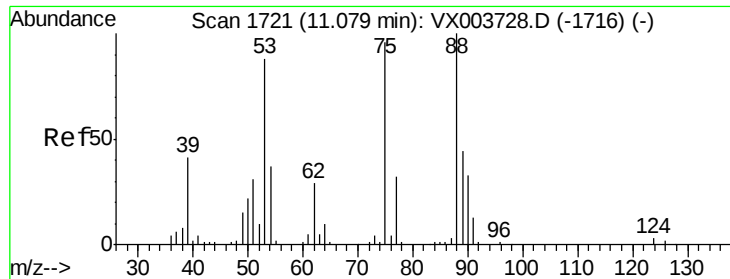
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#80
 1,3,5-Trimethylbenzene
 Concen: 20.838 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX003794.D
 Acq: 01 Aug 2018 15:26

Tgt Ion: 105 Resp: 90307
 Ion Ratio Lower Upper
 105 100
 120 49.3 15.8 47.4#





#81

trans-1,4-Dichloro-2-butene

Concen: 18.969 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003794.D

Acq: 01 Aug 2018 15:26

Instrument :

MSVOA_X

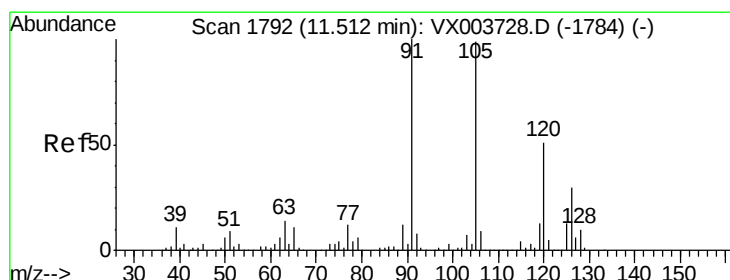
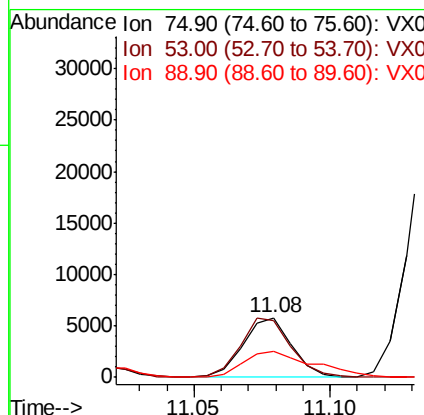
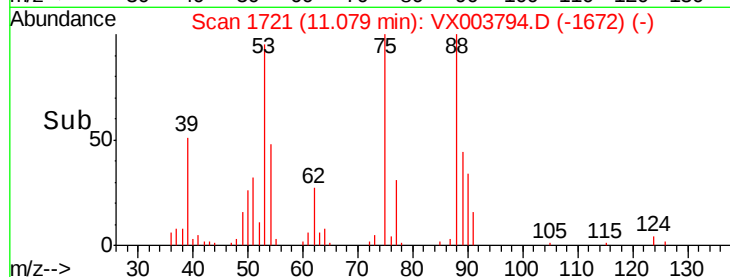
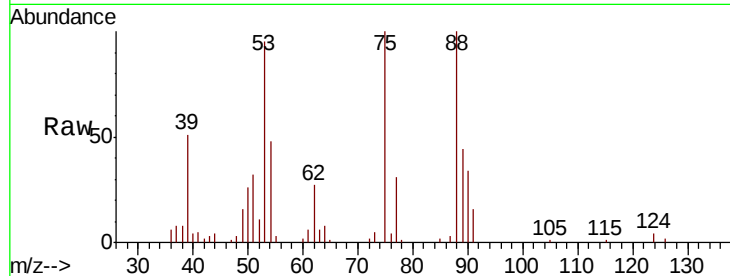
ClientSampleId :

VX0801SBS01

Tot Ion:	75	Resp:	7159
Ion	Ratio	Lower	Upper
75	100		
53	102.5	75.8	113.8
89	63.3	39.1	58.7#

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.770 ug/l

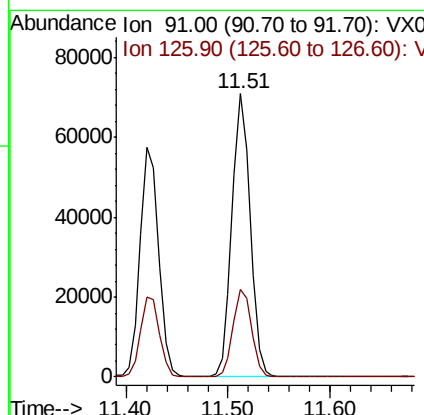
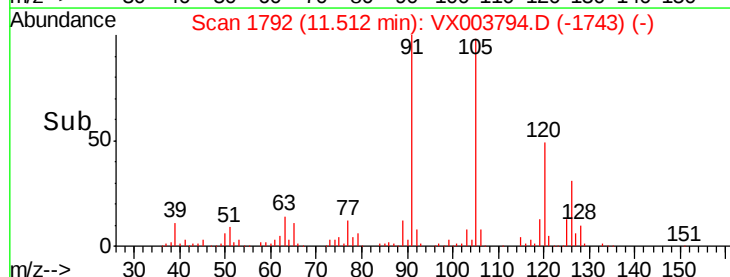
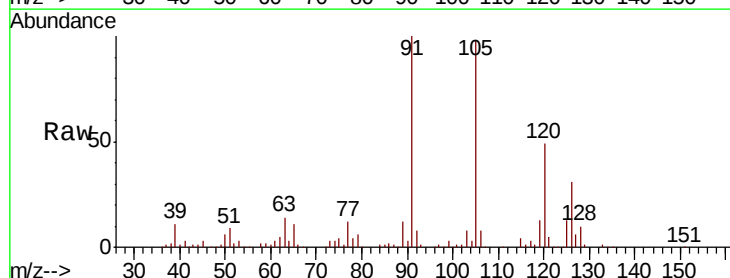
RT: 11.51 min Scan# 1792

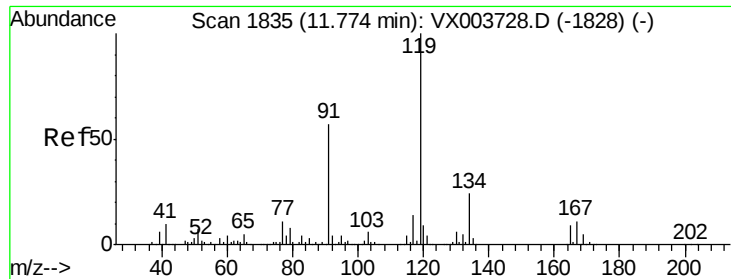
Delta R.T. 0.00 min

Lab File: VX003794.D

Acq: 01 Aug 2018 15:26

Tgt Ion:	91	Resp:	87977
Ion	Ratio	Lower	Upper
91	100		
126	31.1	15.6	46.7





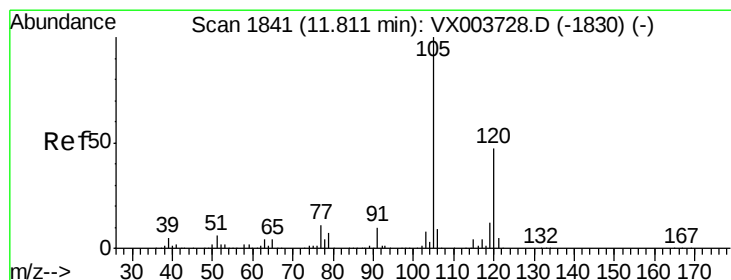
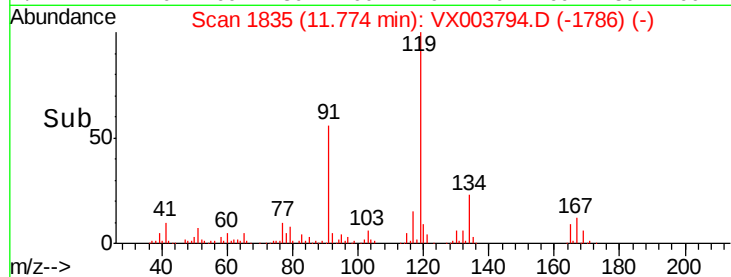
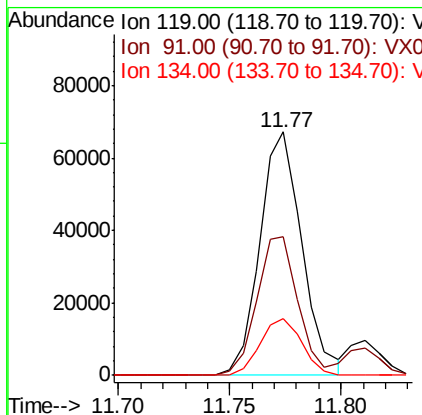
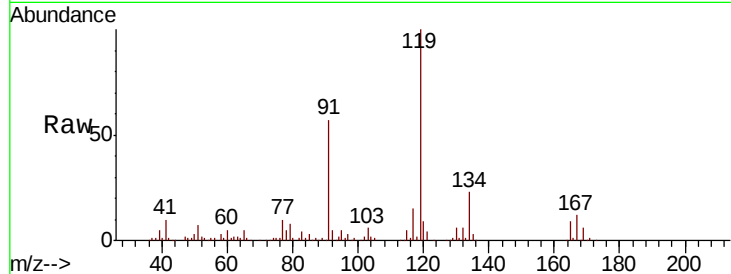
#83
tert-Butylbenzene
Concen: 20.629 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX003794.D
Acq: 01 Aug 2018 15:26

Instrument :
MSVOA_X
ClientSampled :
VX0801SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	55.3	27.2	81.6
134	23.2	11.6	34.8

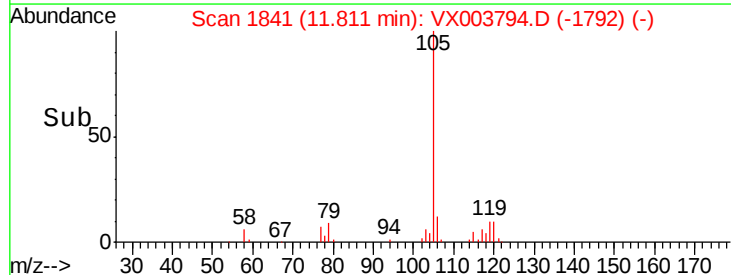
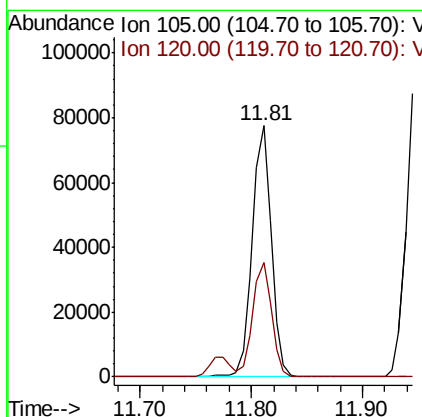
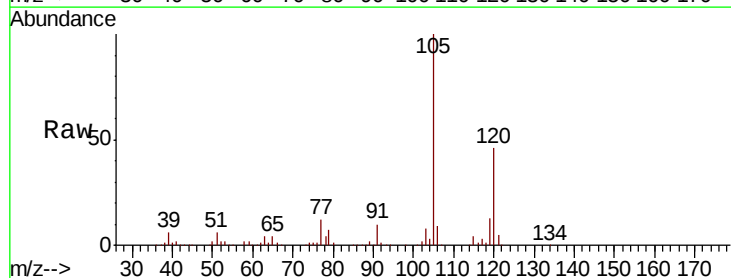
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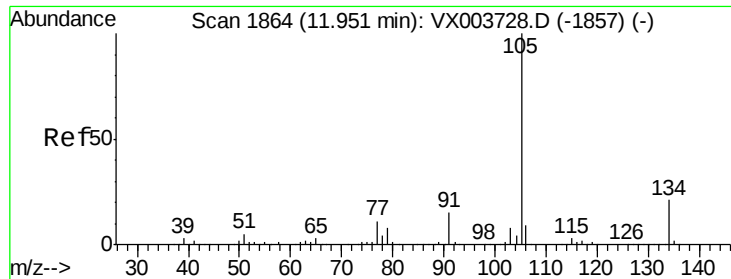
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#84
1,2,4-Trimethylbenzene
Concen: 20.832 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX003794.D
Acq: 01 Aug 2018 15:26

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.2	23.1	69.2





#85

sec-Butylbenzene

Concen: 20.627 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003794.D

Acq: 01 Aug 2018 15:26

Instrument :

MSVOA_X

ClientSampleId :

VX0801SBS01

Tot Ion:105 Resp: 113119

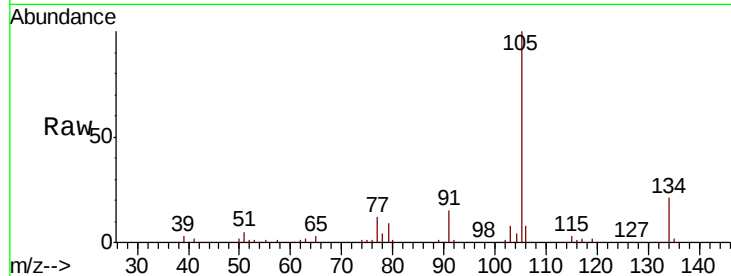
Ion Ratio Lower Upper

105 100

134 20.7 10.3 30.8

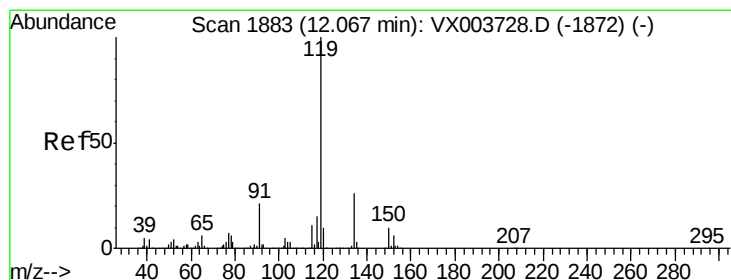
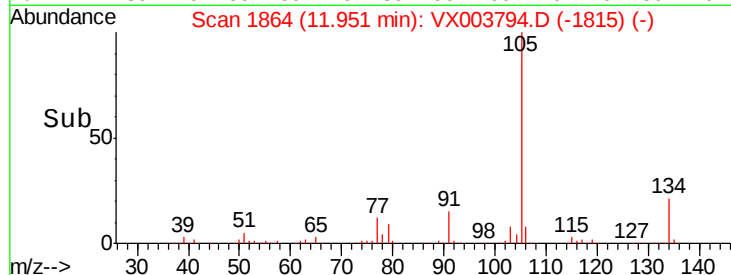
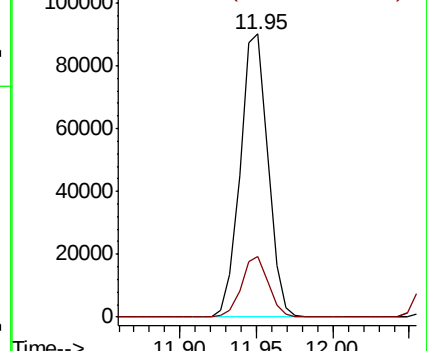
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.600 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003794.D

Acq: 01 Aug 2018 15:26

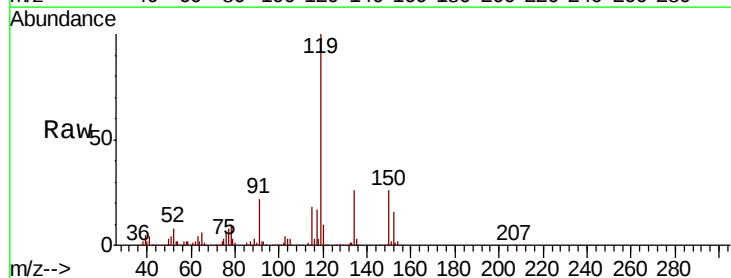
Tgt Ion:119 Resp: 102674

Ion Ratio Lower Upper

119 100

134 26.5 10.1 30.1

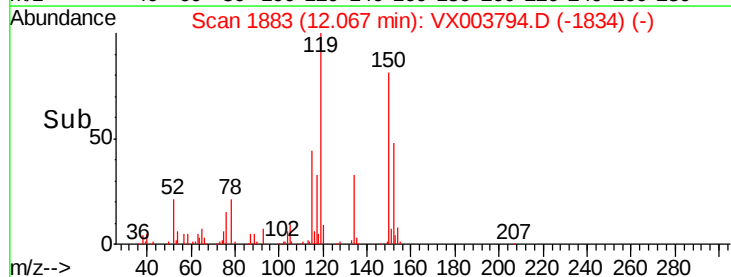
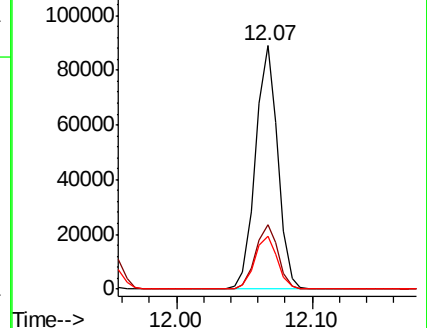
91 22.4 23.6 70.8#

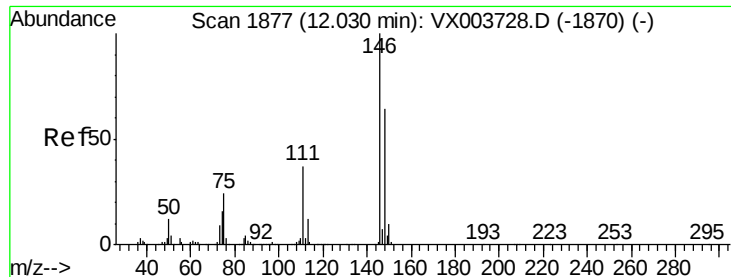


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 20.608 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX003794.D

Acq: 01 Aug 2018 15:26

Instrument :

MSVOA_X

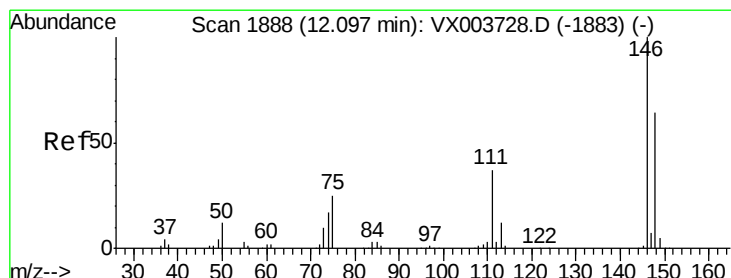
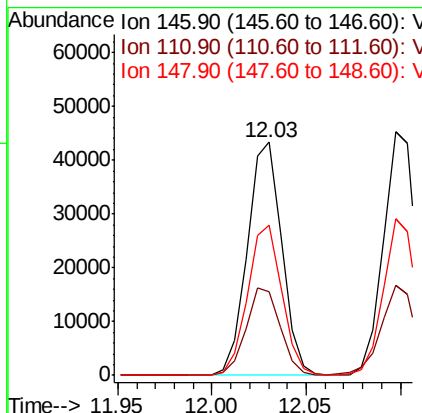
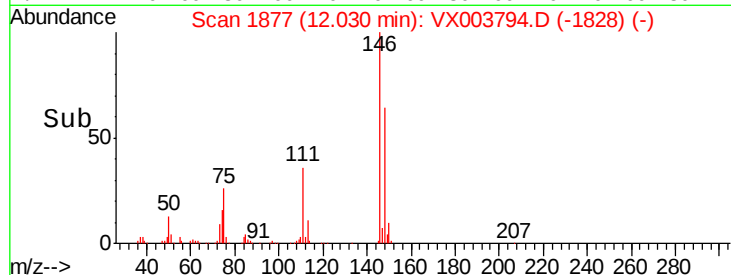
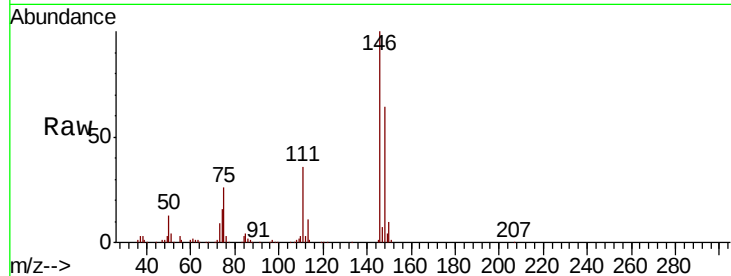
ClientSampleId :

VX0801SBS01

Tot Ion:	146	Resp:	55181
Ion Ratio	Lower	Upper	
146	100		
111	37.1	18.8	56.3
148	63.7	31.9	95.9

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#88

1,4-Dichlorobenzene

Concen: 20.433 ug/l

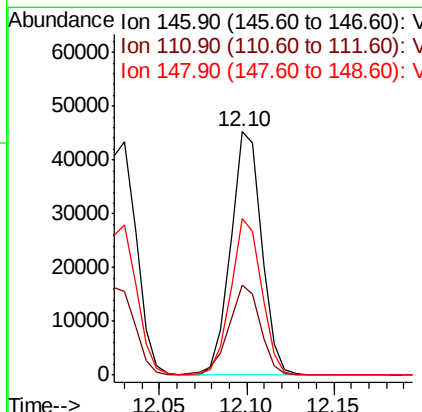
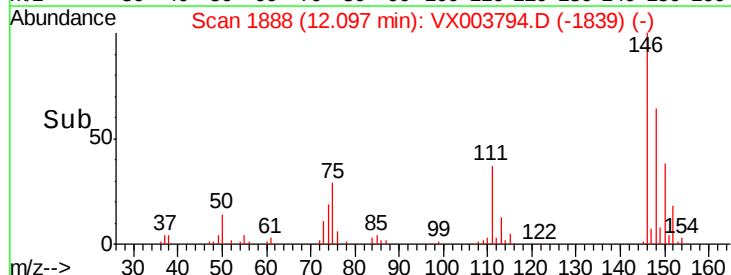
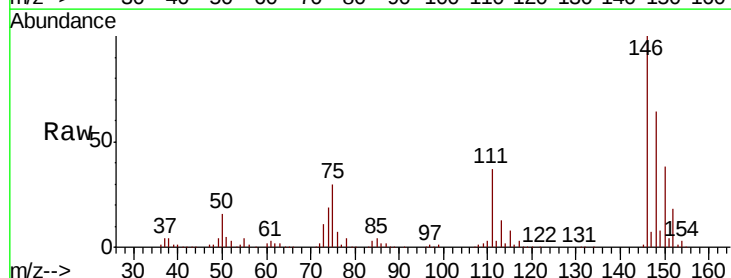
RT: 12.10 min Scan# 1888

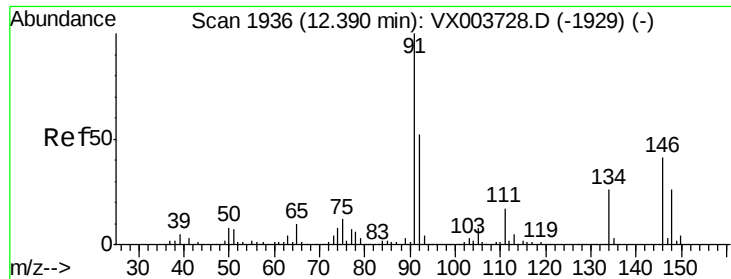
Delta R.T. 0.00 min

Lab File: VX003794.D

Acq: 01 Aug 2018 15:26

Tgt Ion:	146	Resp:	55821
Ion Ratio	Lower	Upper	
146	100		
111	37.9	18.3	54.9
148	63.8	32.0	96.2





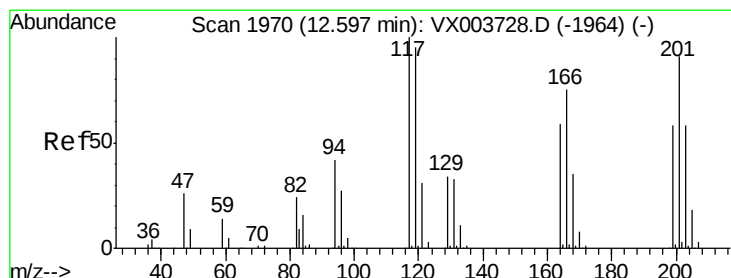
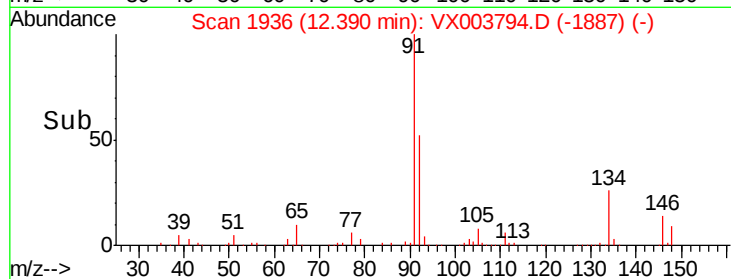
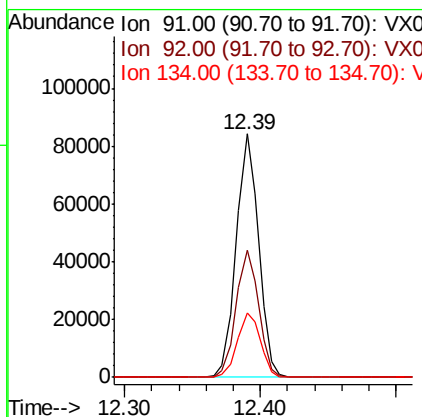
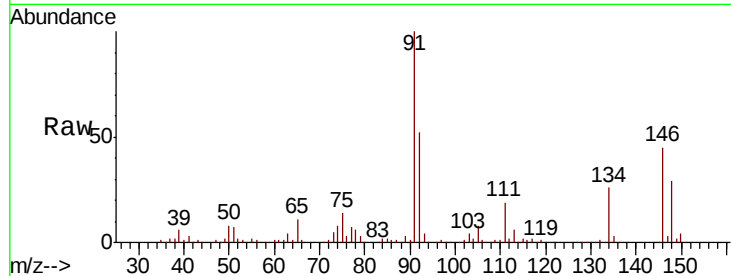
#89
n-Butylbenzene
Concen: 20.349 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003794.D
Acq: 01 Aug 2018 15:26

Instrument :
MSVOA_X
ClientSampled :
VX0801SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.2	78.5
134	27.2	13.6	40.7

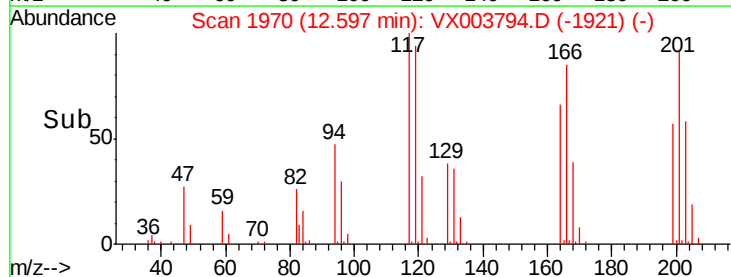
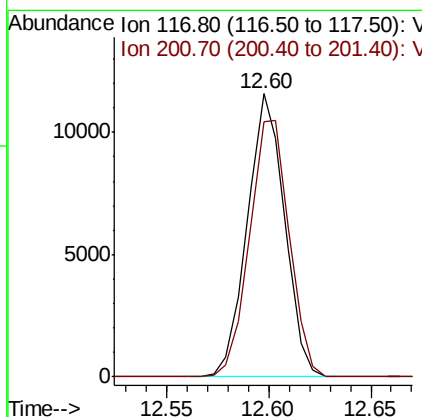
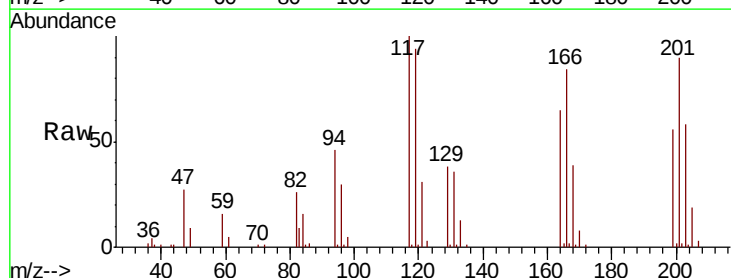
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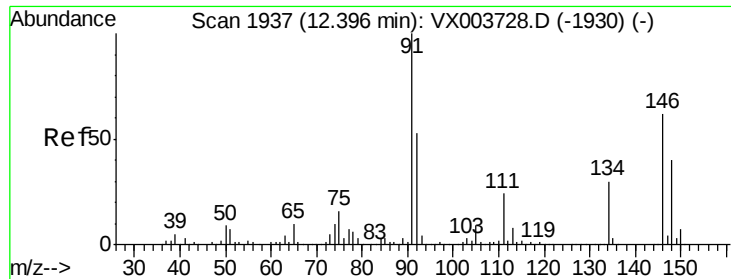
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#90
Hexachloroethane
Concen: 19.867 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003794.D
Acq: 01 Aug 2018 15:26

Tgt Ion	Ratio	Lower	Upper
117	100		
201	96.6	49.3	147.8





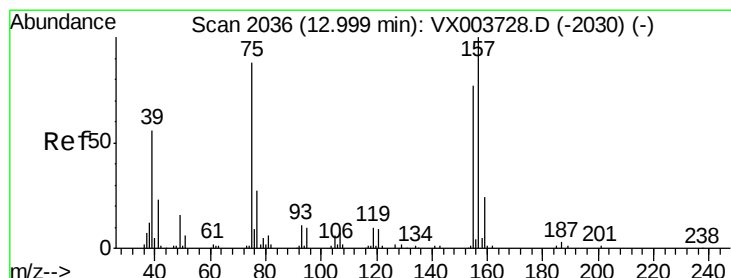
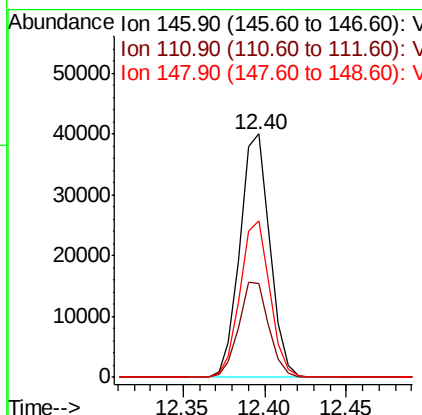
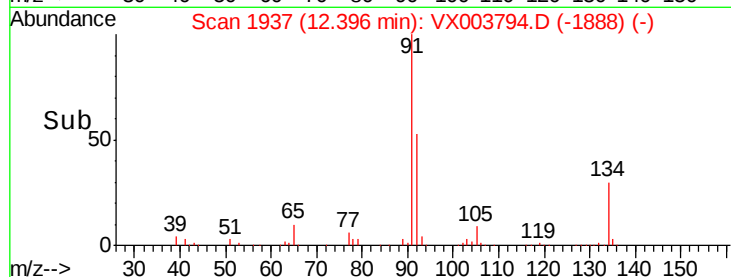
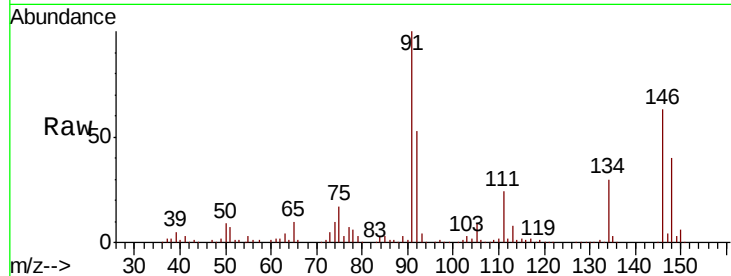
#91
 1,2-Dichlorobenzene
 Concen: 20.601 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003794.D
 Acq: 01 Aug 2018 15:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0801SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.4	58.4
148	63.9	32.0	96.0

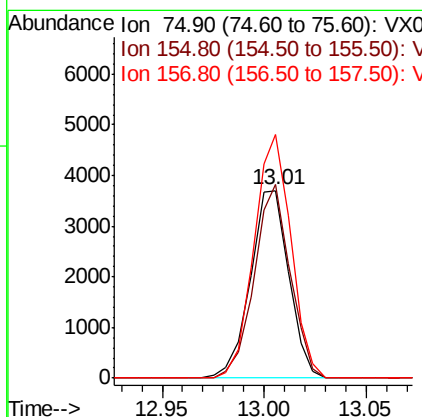
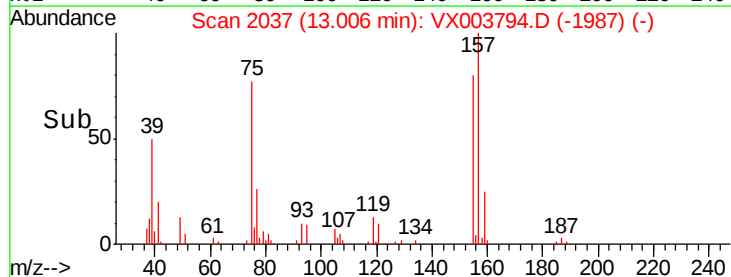
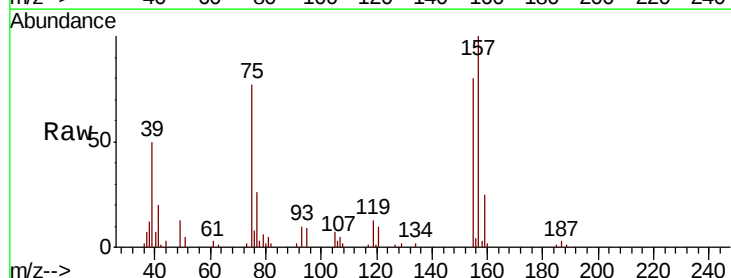
Manual Integrations
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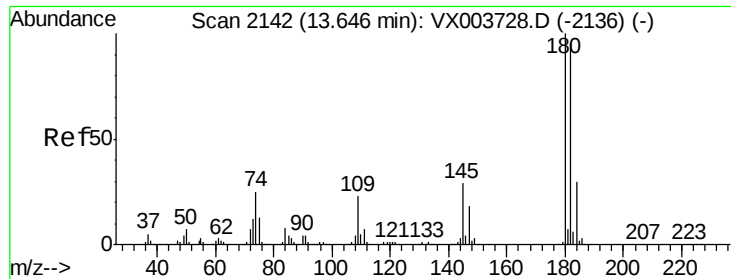
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.624 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.01 min
 Lab File: VX003794.D
 Acq: 01 Aug 2018 15:26

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.2	48.9	146.7
157	123.5	63.7	191.1





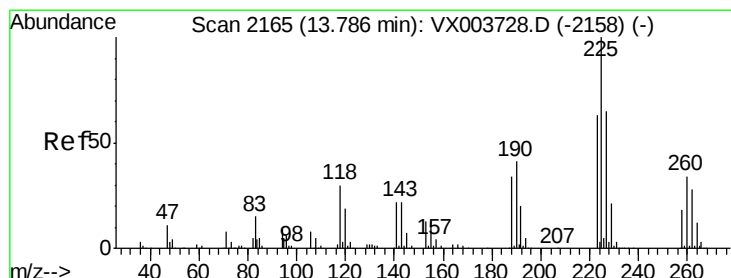
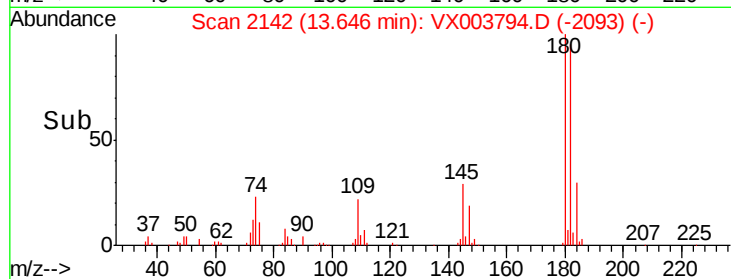
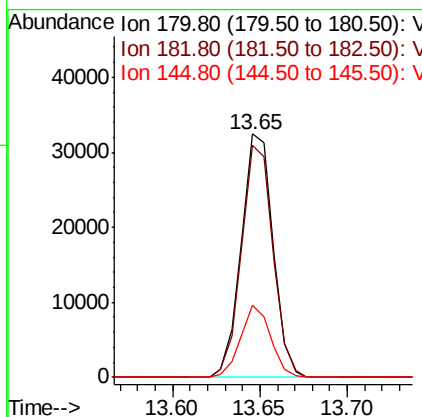
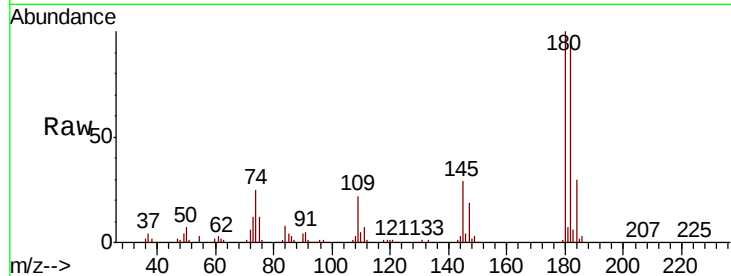
#93
 1,2,4-Trichlorobenzene
 Concen: 20.637 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VX003794.D
 Acq: 01 Aug 2018 15:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0801SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.6	142.9
145	28.0	14.1	42.2

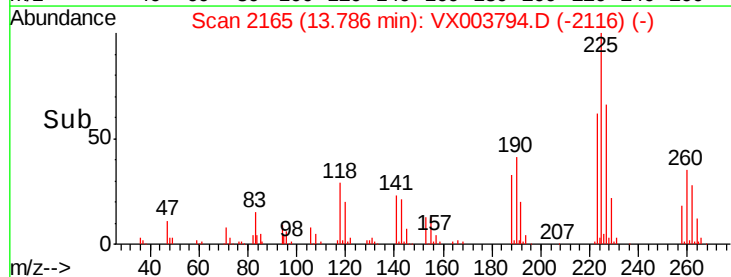
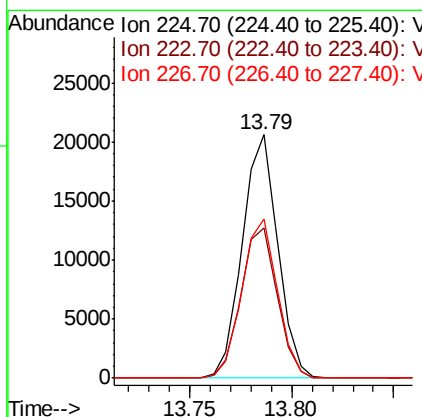
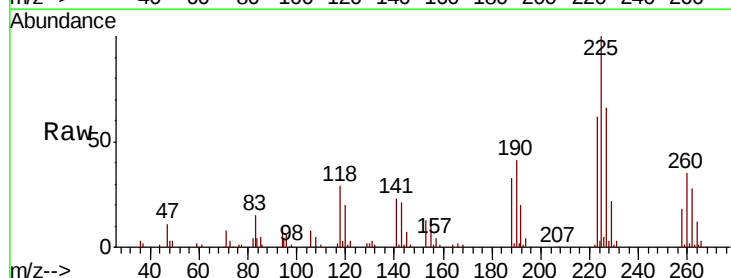
Manual Integrations
 APPROVED

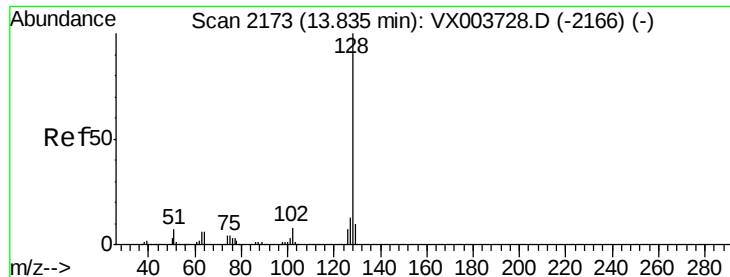
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#94
 Hexachlorobutadiene
 Concen: 19.713 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003794.D
 Acq: 01 Aug 2018 15:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	31.1	93.5
227	65.3	31.9	95.9





#95

Naphthalene

Concen: 20.319 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX003794.D

Acq: 01 Aug 2018 15:26

Instrument :

MSVOA_X

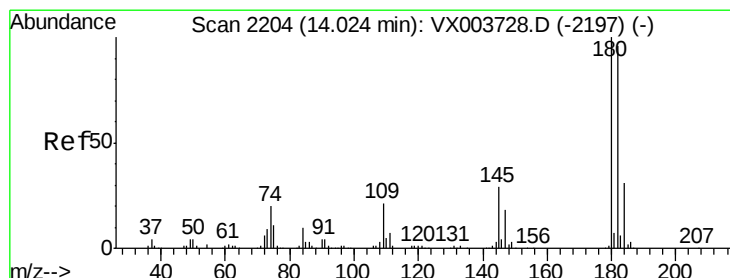
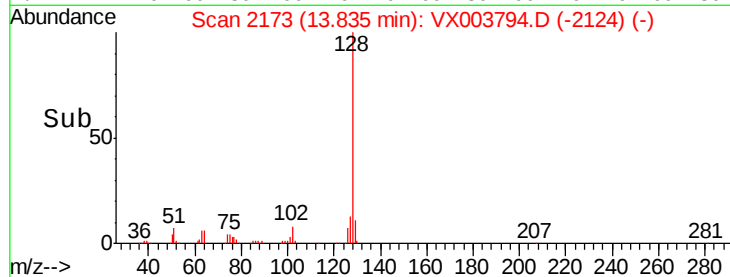
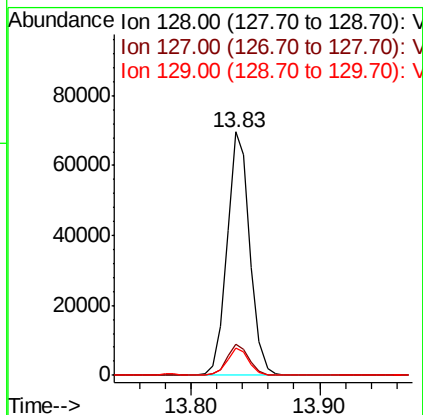
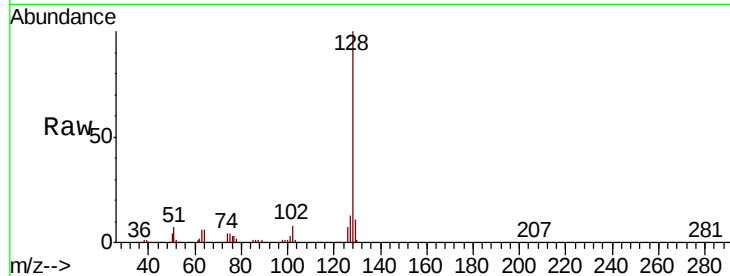
ClientSampleId :

VX0801SBS01

Tot Ion:	128	Resp:	85891
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.2
129	10.7	8.7	13.1

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 20.498 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX003794.D

Acq: 01 Aug 2018 15:26

Tgt Ion:	180	Resp:	36807
Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.9	143.8
145	30.0	14.7	44.1

