

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110518\
 Data File : VX005774.D
 Acq On : 05 Nov 2018 13:24
 Operator : JC/MD
 Sample : VX1105MBS01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1105MBS01

Manual Integrations
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 11/6/2018 8:26:54 AM

Quant Time: Nov 06 01:11:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 18:23:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	150090	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	230685	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	211860	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	112353	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	101764	46.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.76%	
35) Dibromofluoromethane	5.50	113	80536	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
50) Toluene-d8	8.71	98	288750	51.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.08%	
62) 4-Bromofluorobenzene	11.14	95	104860	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	35822	20.660	ug/l	100
3) Chloromethane	1.32	50	40139	19.627	ug/l	100
4) Vinyl Chloride	1.40	62	41274	19.398	ug/l	98
5) Bromomethane	1.64	94	35516	13.452	ug/l	100
6) Chloroethane	1.72	64	26749	21.442	ug/l	96
7) Trichlorofluoromethane	1.93	101	52433	19.198	ug/l	89
8) Diethyl Ether	2.19	74	22832	18.599	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	31351	18.898	ug/l	91
10) Methyl Iodide	2.51	142	30511	20.102	ug/l	97
11) Tert butyl alcohol	3.06	59	54992	92.280	ug/l	98
12) 1,1-Dichloroethene	2.37	96	29735	18.394	ug/l	99
13) Acrolein	2.29	56	28446	75.647	ug/l	100
14) Allyl chloride	2.73	41	63643	19.040	ug/l	98
15) Acrylonitrile	3.15	53	122725	93.653	ug/l	100
16) Acetone	2.45	43	109634	91.249	ug/l	92
17) Carbon Disulfide	2.57	76	85721	17.256	ug/l	99
18) Methyl Acetate	2.78	43	58244	18.495	ug/l	94
19) Methyl tert-butyl Ether	3.20	73	106873	19.099	ug/l	99
20) Methylene Chloride	2.85	84	33815	17.870	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	31002	18.124	ug/l	91
22) Diisopropyl ether	3.87	45	110608	17.838	ug/l #	94
23) Vinyl Acetate	3.82	43	482320	89.304	ug/l	99
24) 1,1-Dichloroethane	3.69	63	62495	17.824	ug/l	100
25) 2-Butanone	4.70	43	163645	88.406	ug/l	96
26) 2,2-Dichloropropane	4.59	77	48233	18.403	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	34376	17.885	ug/l	95
28) Bromochloromethane	5.02	49	33660	19.678	ug/l	93
29) Tetrahydrofuran	5.15	42	100350	88.820	ug/l	95
30) Chloroform	5.21	83	63441	18.507	ug/l	90
31) Cyclohexane	5.57	56	49574	16.908	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	50344	18.350	ug/l	97
36) 1,1-Dichloropropene	5.79	75	43232	17.590	ug/l	99
37) Ethyl Acetate	4.85	43	59031	18.826	ug/l	98
38) Carbon Tetrachloride	5.78	117	41266	18.584	ug/l	95

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 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 18:23:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	45224	17.643	ug/l	96
40) Benzene	6.15	78	136188	18.626	ug/l	97
41) Methacrylonitrile	5.06	41	30426	17.959	ug/l	93
42) 1,2-Dichloroethane	6.20	62	49814	18.431	ug/l	99
43) Isopropyl Acetate	6.46	43	82794	18.192	ug/l	98
44) Trichloroethene	7.21	130	31685	18.736	ug/l	92
45) 1,2-Dichloropropane	7.51	63	36458	19.457	ug/l	96
46) Dibromomethane	7.66	93	21935	18.317	ug/l	91
47) Bromodichloromethane	7.90	83	41821	18.619	ug/l	97
48) Methyl methacrylate	7.77	41	39754	18.048	ug/l	96
49) 1,4-Dioxane	7.75	88	17908	365.105	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	285756	92.084	ug/l	97
52) Toluene	8.79	92	76389	19.315	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	44349	18.219	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	49779	19.087	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	33345	19.414	ug/l	99
56) Ethyl methacrylate	9.18	69	46348	17.582	ug/l	99
57) 1,3-Dichloropropane	9.37	76	56244	19.063	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	143630	93.489	ug/l	95
59) 2-Hexanone	9.49	43	228018	90.290	ug/l	98
60) Dibromochloromethane	9.59	129	31146	18.766	ug/l	98
61) 1,2-Dibromoethane	9.67	107	32986	18.847	ug/l	99
64) Tetrachloroethene	9.34	164	31377	20.272	ug/l	97
65) Chlorobenzene	10.14	112	83802	18.614	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	29363	19.052	ug/l	97
67) Ethyl Benzene	10.25	91	142637	18.564	ug/l	98
68) m/p-Xylenes	10.36	106	108933	38.154	ug/l	97
69) o-Xylene	10.70	106	50788	18.599	ug/l	97
70) Styrene	10.71	104	86275	19.023	ug/l	98
71) Bromoform	10.86	173	23107	18.504	ug/l #	98
73) Isopropylbenzene	11.02	105	141134	19.040	ug/l	99
74) N-amyl acetate	10.90	43	67769	17.172	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	54896	17.851	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	52288m	18.686	ug/l	
77) Bromobenzene	11.26	156	34825	18.939	ug/l	89
78) n-propylbenzene	11.36	91	171912	19.065	ug/l	96
79) 2-Chlorotoluene	11.42	91	101764	18.896	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	120578	19.158	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	15634	18.051	ug/l	97
82) 4-Chlorotoluene	11.51	91	120148	18.687	ug/l	97
83) tert-Butylbenzene	11.77	119	111262	18.528	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	123298	19.401	ug/l	99
85) sec-Butylbenzene	11.94	105	144222	18.722	ug/l	98
86) p-Isopropyltoluene	12.07	119	124379	18.985	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	66013	18.567	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	67932	17.786	ug/l	97
89) n-Butylbenzene	12.39	91	116830	17.675	ug/l	98
90) Hexachloroethane	12.60	117	20517	17.652	ug/l	84
91) 1,2-Dichlorobenzene	12.39	146	67042	18.050	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	12549	17.398	ug/l	89

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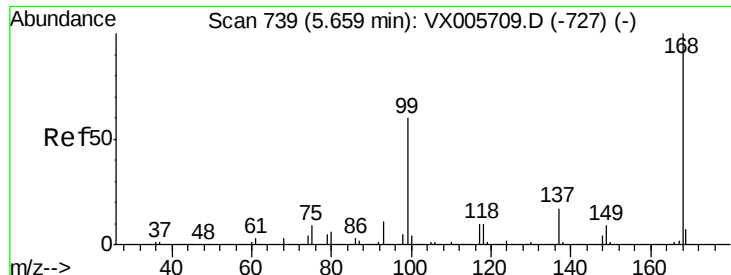
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	44157	18.536	ug/l	99
94) Hexachlorobutadiene	13.78	225	21884	18.989	ug/l	97
95) Naphthalene	13.83	128	145416	18.561	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	46491	19.169	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005774.D

Acq: 05 Nov 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

VX1105MBS01

Tgt Ion:168 Resp: 150090

Ion Ratio Lower Upper

168 100

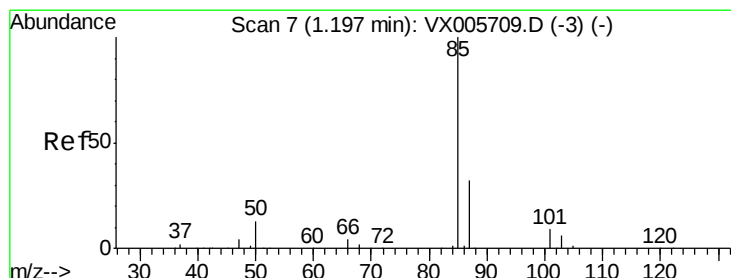
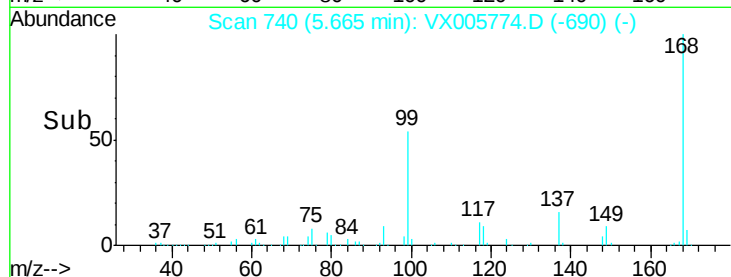
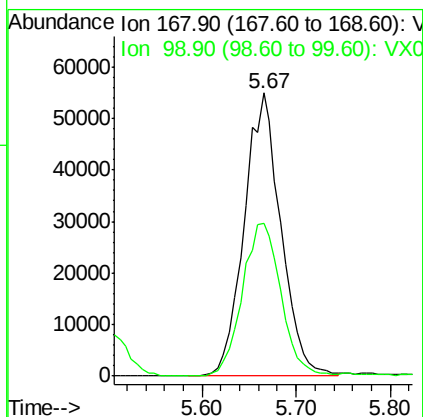
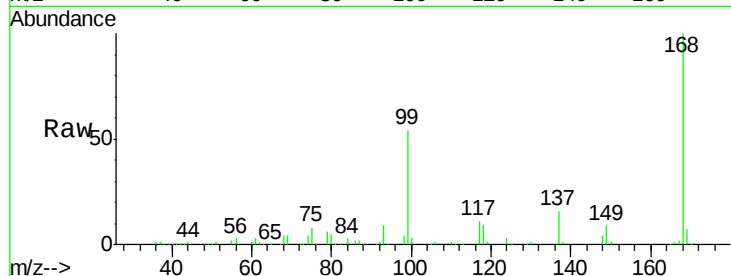
99 53.7 40.7 61.1

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#2

Dichlorodifluoromethane

Concen: 20.660 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005774.D

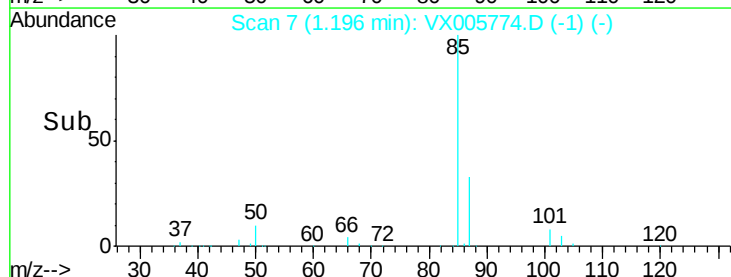
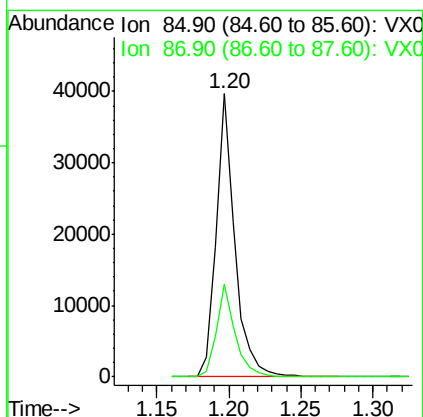
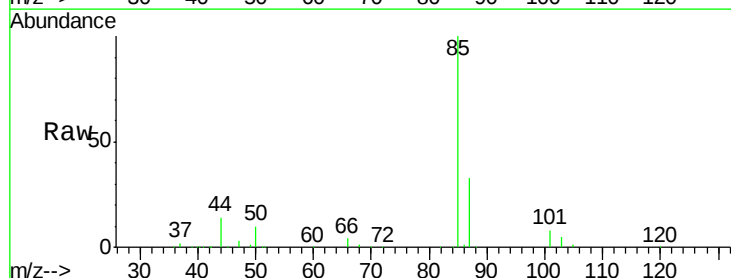
Acq: 05 Nov 2018 13:24

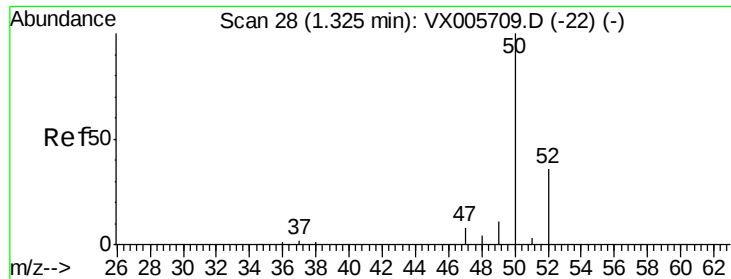
Tgt Ion: 85 Resp: 35822

Ion Ratio Lower Upper

85 100

87 32.7 16.3 48.9





#3

Chloromethane

Concen: 19.627 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005774.D

Acq: 05 Nov 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

VX1105MBS01

Tgt Ion: 50 Resp: 40139

Ion Ratio Lower Upper

50 100

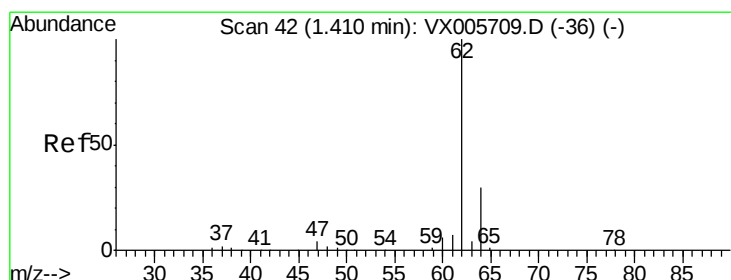
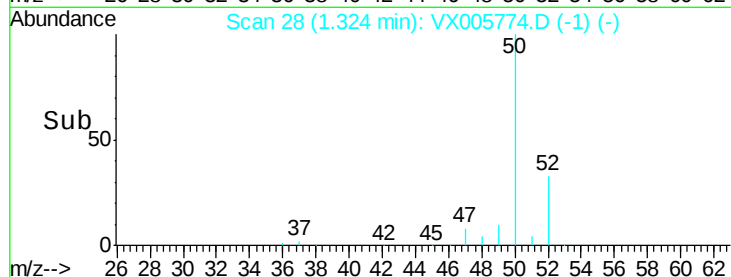
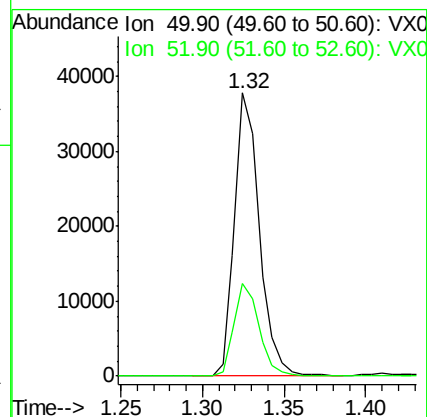
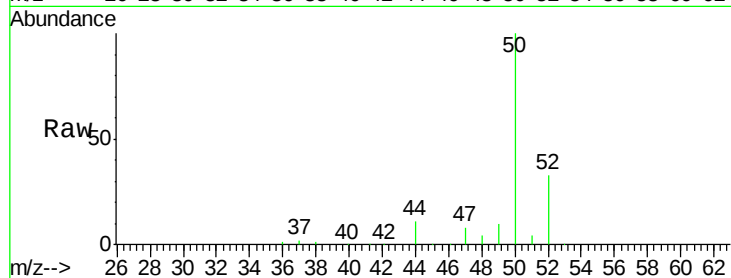
52 32.7 26.2 39.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.398 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX005774.D

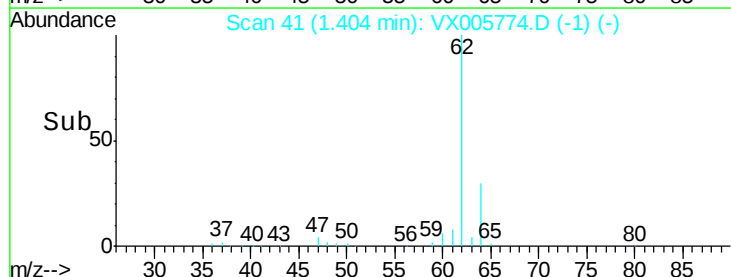
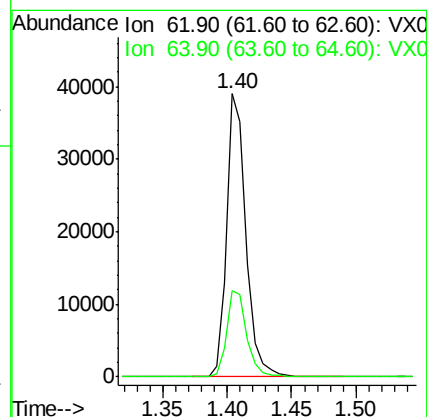
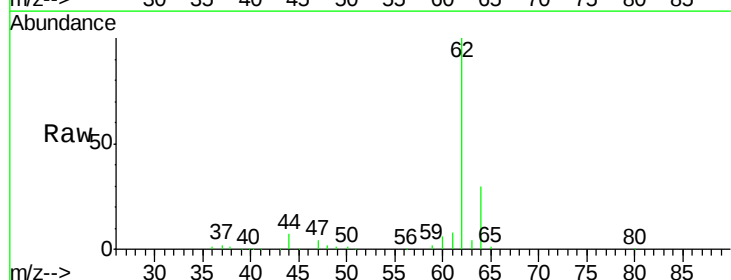
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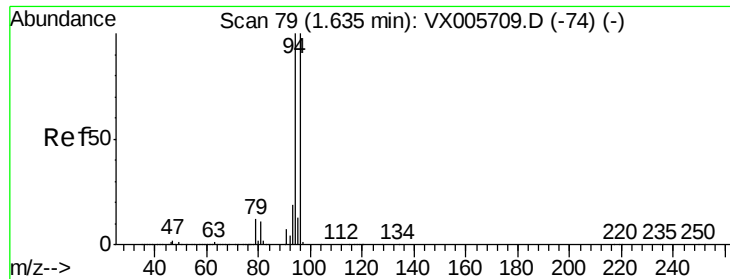
Tgt Ion: 62 Resp: 41274

Ion Ratio Lower Upper

62 100

64 30.4 25.3 37.9





#5

Bromomethane

Concen: 13.452 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005774.D

Acq: 05 Nov 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

VX1105MBS01

Tgt Ion: 94 Resp: 35516

Ion Ratio Lower Upper

94 100

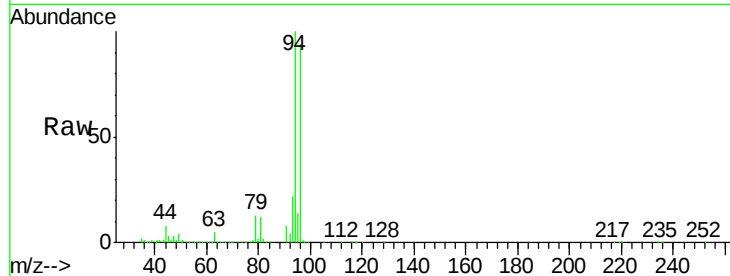
96 93.6 75.2 112.8

Manual Integrations

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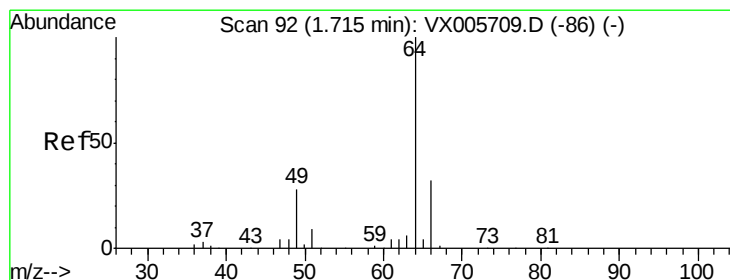
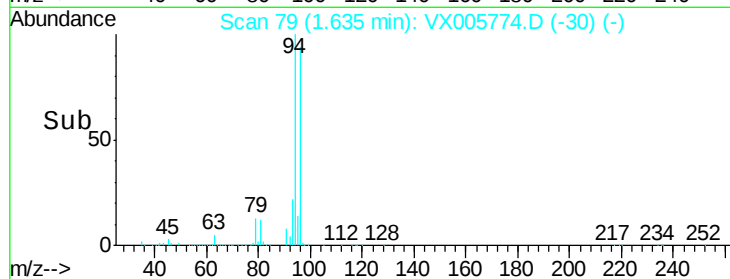
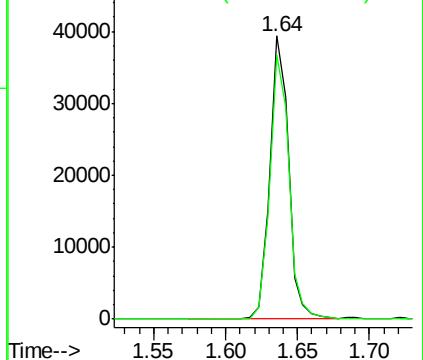
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 21.442 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005774.D

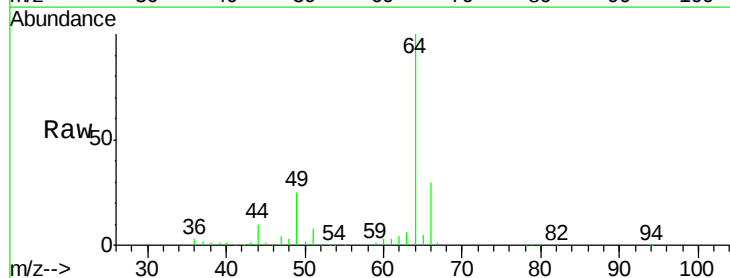
Acq: 05 Nov 2018 13:24

Tgt Ion: 64 Resp: 26749

Ion Ratio Lower Upper

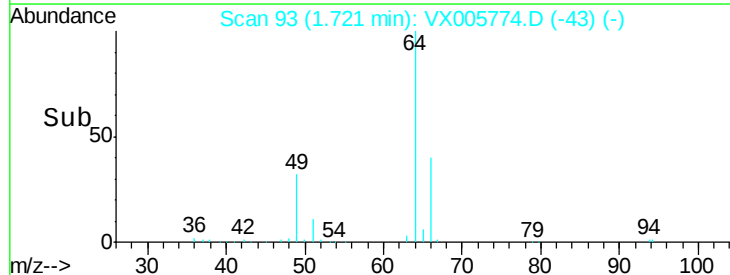
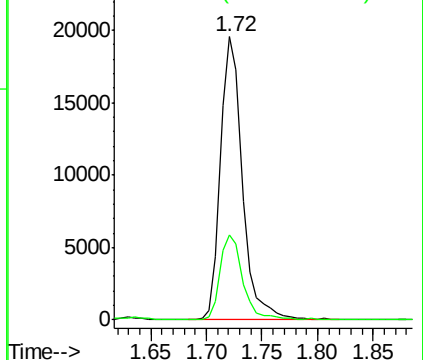
64 100

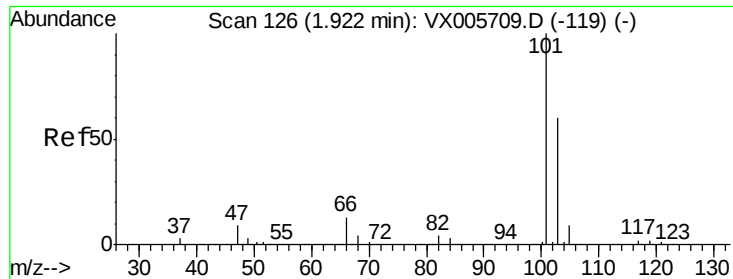
66 30.1 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

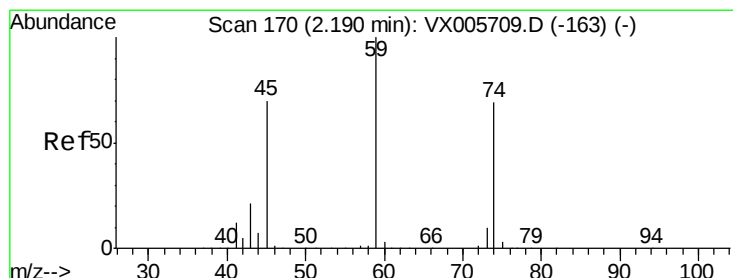
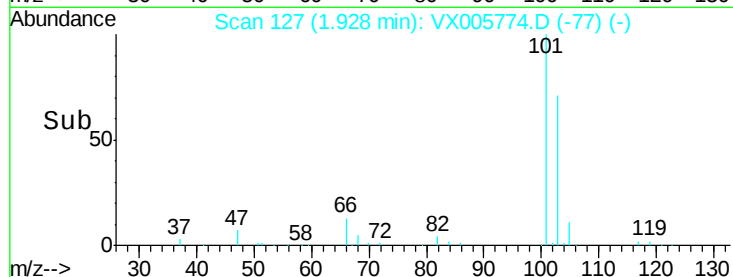
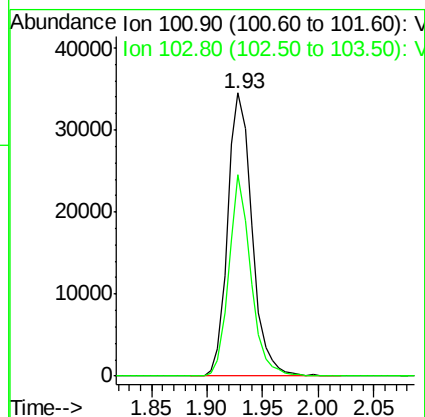
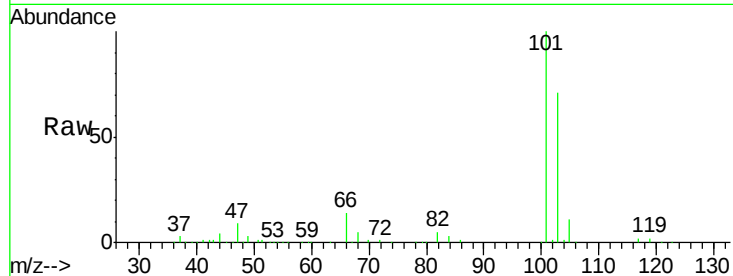
Trichlorofluoromethane
Concen: 19.198 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX005774.D
Acq: 05 Nov 2018 13:24

Instrument :
MSVOA_X
ClientSampleId :
VX1105MBS01

Tgt Ion: 101 Resp: 52433
Ion Ratio Lower Upper
101 100
103 71.2 50.0 75.0

Manual Integrations
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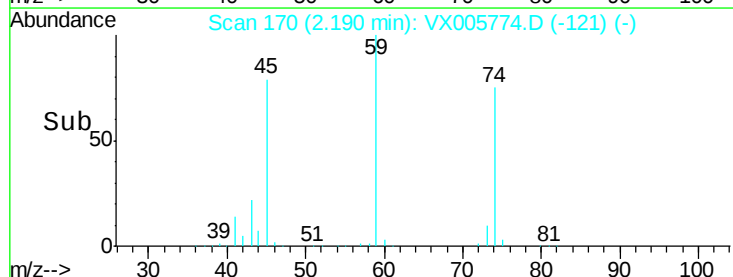
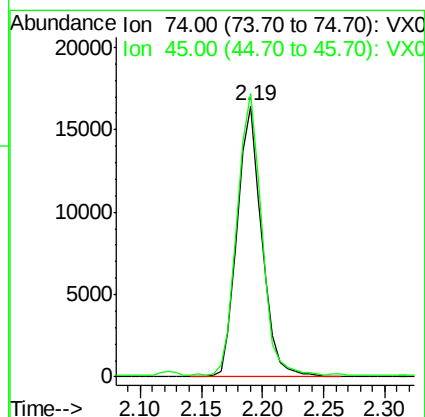
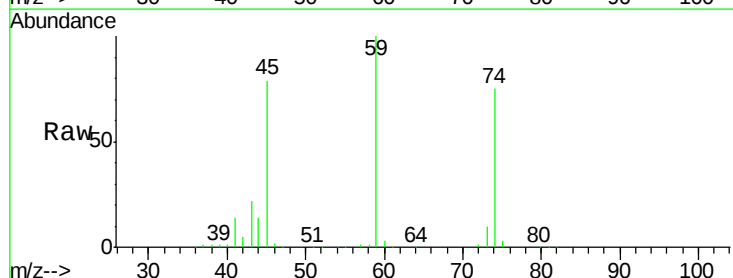
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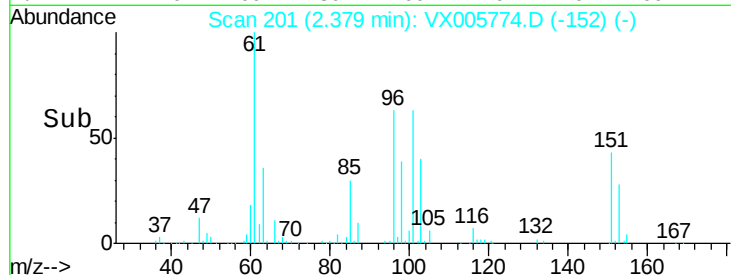
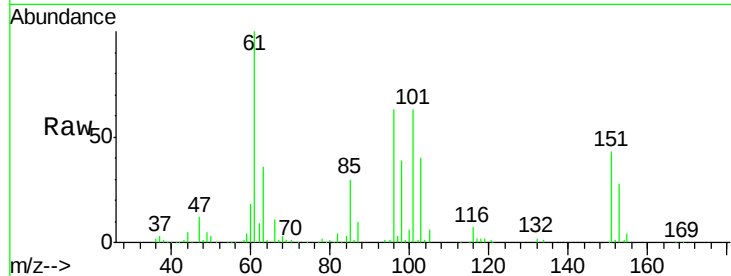
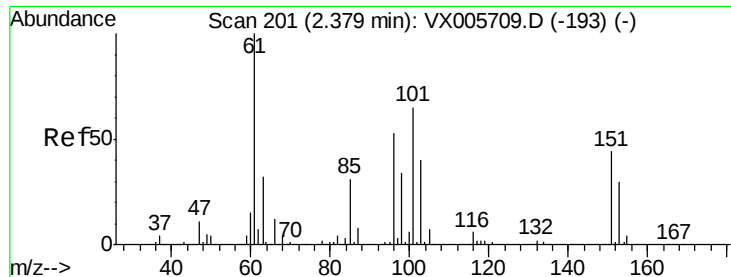


#8

Diethyl Ether
Concen: 18.599 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX005774.D
Acq: 05 Nov 2018 13:24

Tgt Ion: 74 Resp: 22832
Ion Ratio Lower Upper
74 100
45 104.0 54.1 162.3





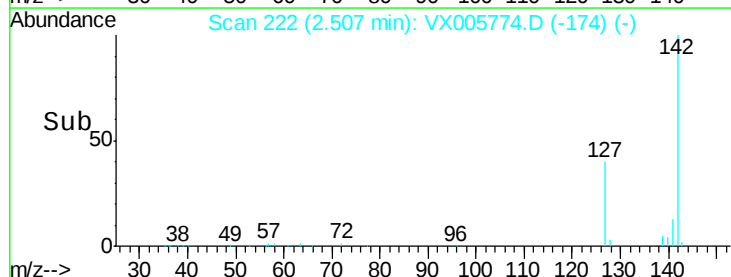
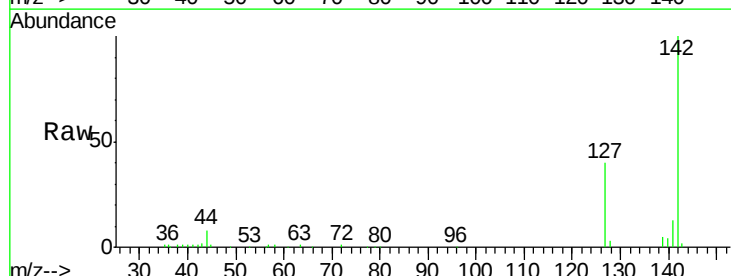
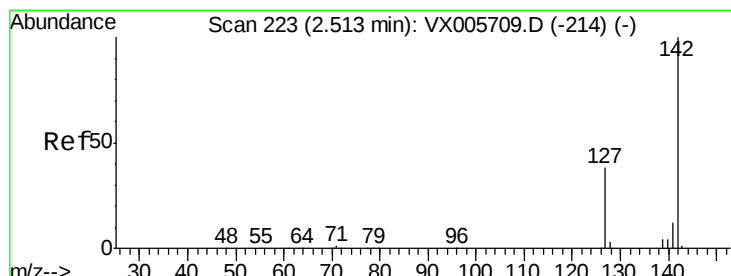
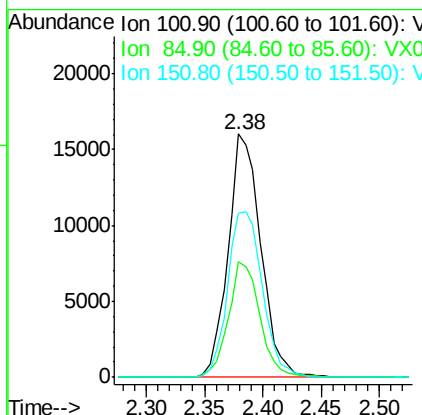
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.898 ug/l
RT: 2.38 min Scan# 201
Delta R.T. -0.00 min
Lab File: VX005774.D
Acq: 05 Nov 2018 13:24

Instrument :
MSVOA_X
ClientSampleId :
VX1105MBS01

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	31351		
85	45.7	35.0	52.4	
151	71.9	66.2	99.2	

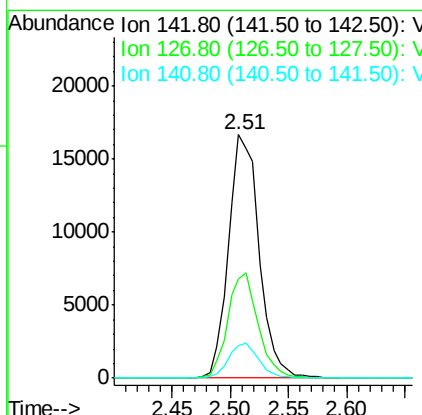
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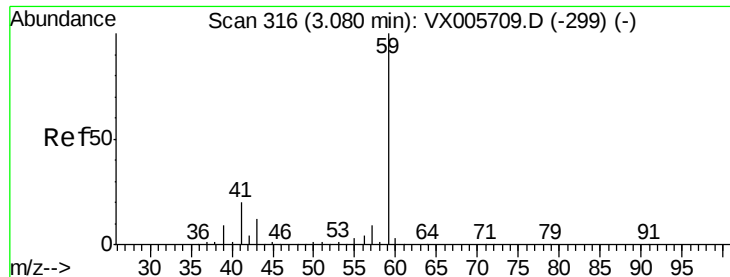
apatel
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#10
Methyl Iodide
Concen: 20.102 ug/l
RT: 2.51 min Scan# 222
Delta R.T. -0.01 min
Lab File: VX005774.D
Acq: 05 Nov 2018 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	30511		
127	43.0	36.0	54.0	
141	14.1	11.7	17.5	





#11

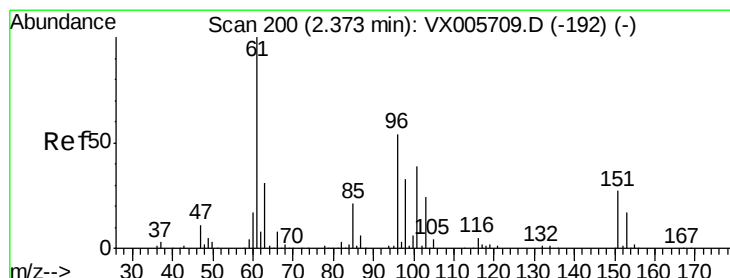
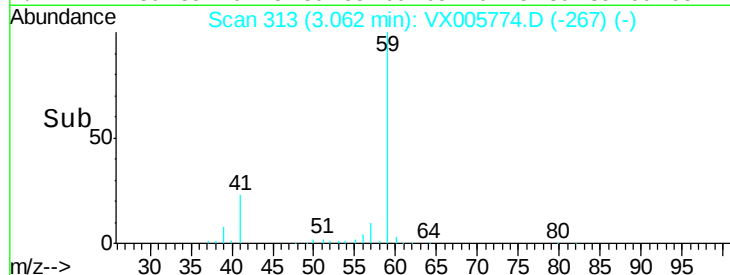
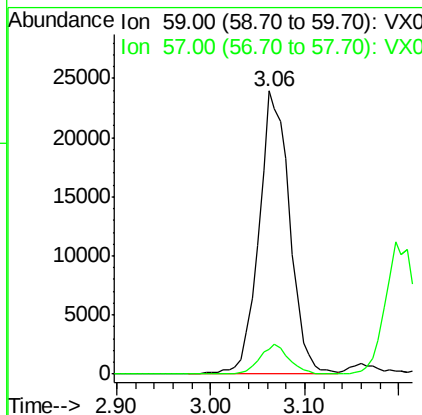
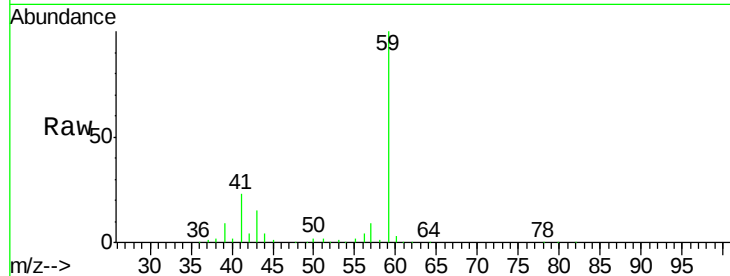
Tert butyl alcohol
Concen: 92.280 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.02 min
Lab File: VX005774.D
Acq: 05 Nov 2018 13:24

Instrument :
MSVOA_X
ClientSampleId :
VX1105MBS01

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.5	12.7

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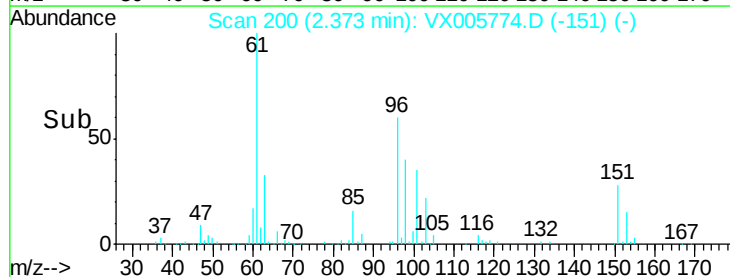
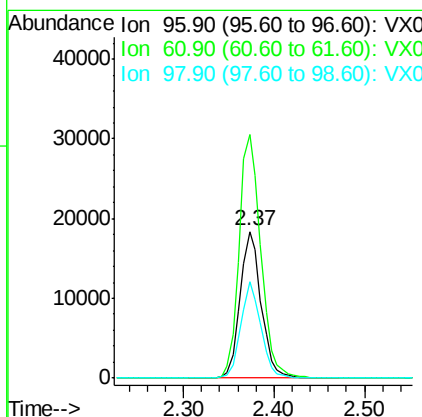
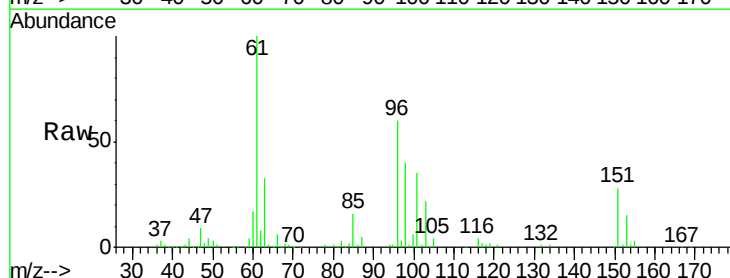
apatel
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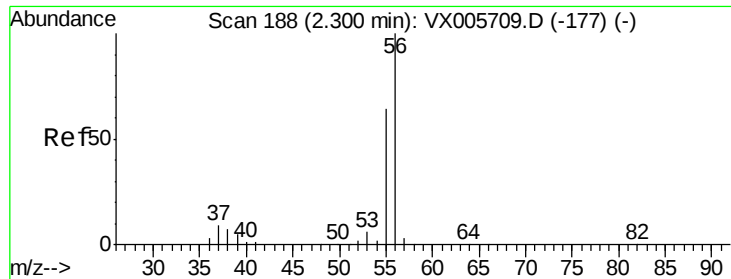


#12

1,1-Dichloroethene
Concen: 18.394 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX005774.D
Acq: 05 Nov 2018 13:24

Tgt Ion	Ratio	Lower	Upper
96	100		
61	165.7	131.8	197.8
98	66.0	53.4	80.2





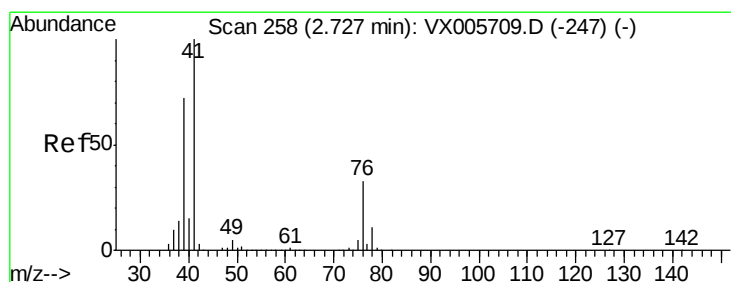
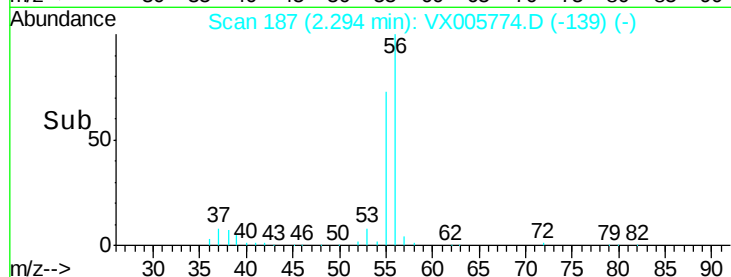
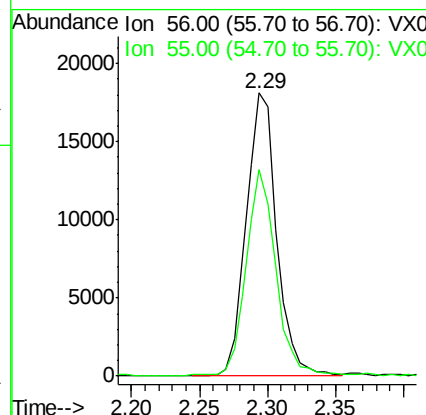
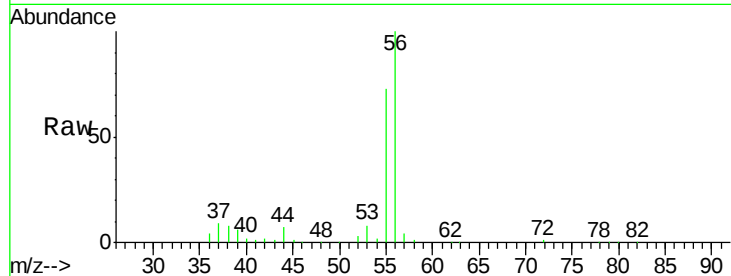
#13
Acrolein
Concen: 75.647 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.01 min
Lab File: VX005774.D
Acq: 05 Nov 2018 13:24

Instrument :
MSVOA_X
ClientSampleId :
VX1105MBS01

Tgt Ion: 56 Resp: 28446
Ion Ratio Lower Upper
56 100
55 71.9 57.3 85.9

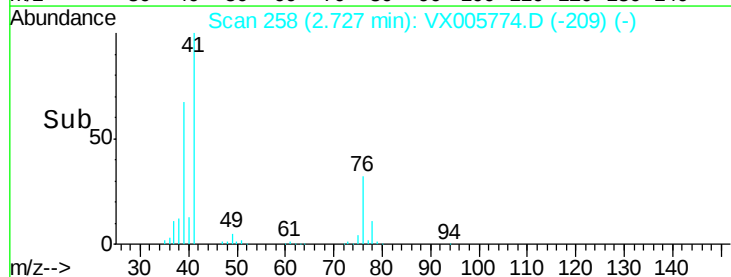
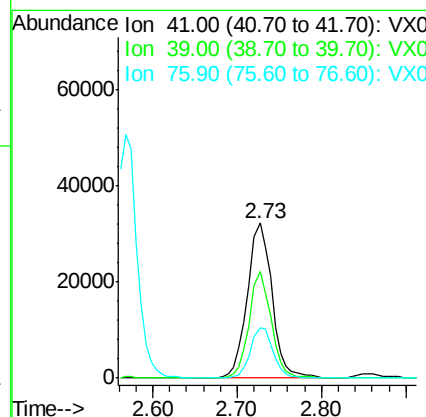
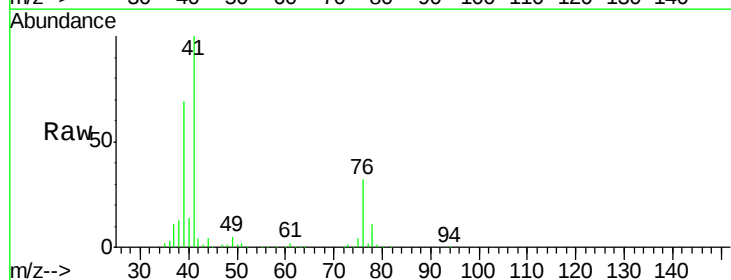
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#14
Allyl chloride
Concen: 19.040 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX005774.D
Acq: 05 Nov 2018 13:24

Tgt Ion: 41 Resp: 63643
Ion Ratio Lower Upper
41 100
39 60.1 48.2 72.4
76 29.7 21.9 32.9





#15

Acrylonitrile

Concen: 93.653 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX005774.D

Acq: 05 Nov 2018 13:24

Instrument :

MSVOA_X

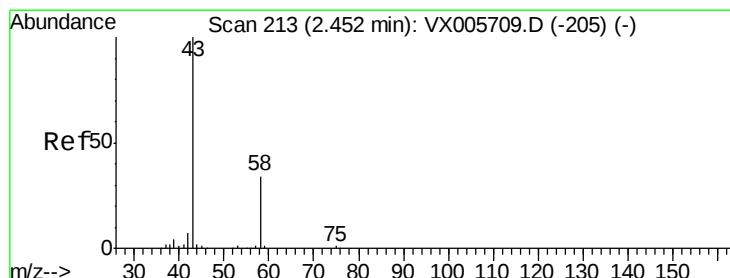
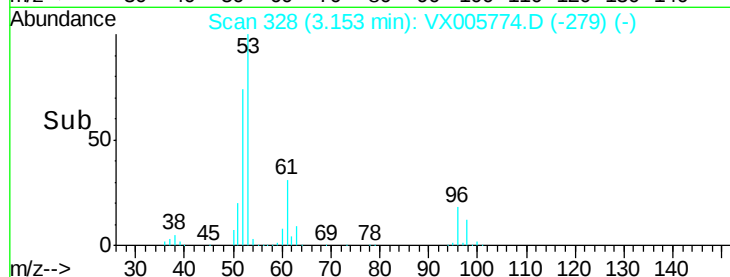
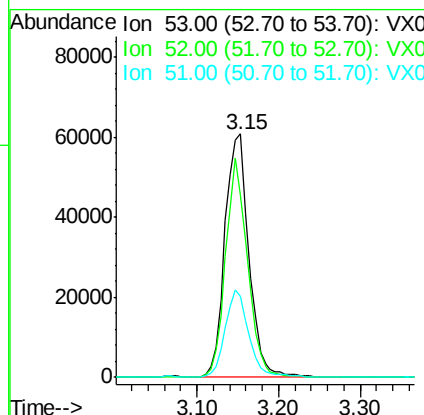
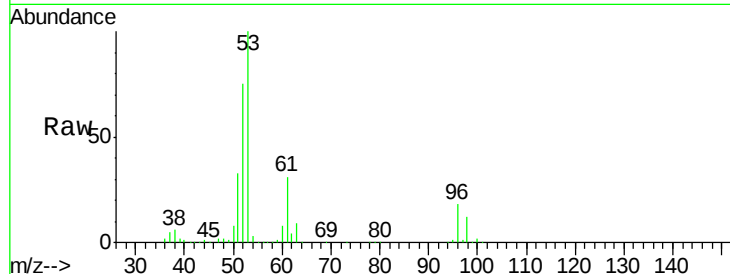
ClientSampleId :

VX1105MBS01

Tgt Ion:	53	Resp:	122725
Ion	Ratio	Lower	Upper
53	100		
52	83.3	66.6	99.8
51	35.5	28.4	42.6

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#16

Acetone

Concen: 91.249 ug/l

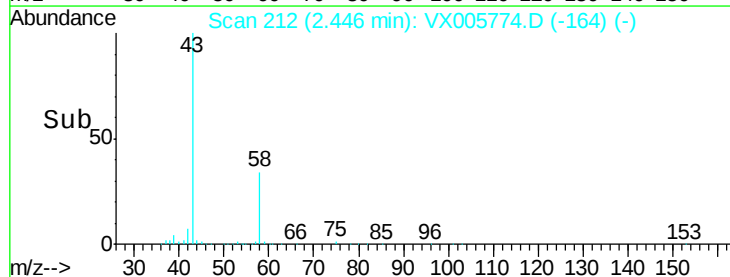
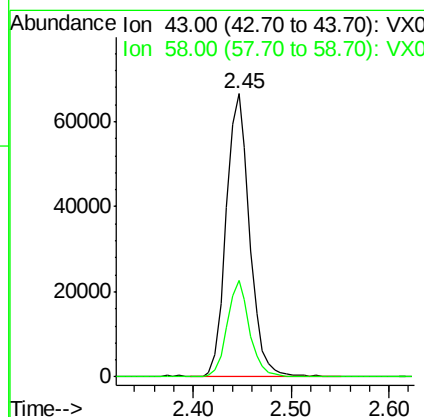
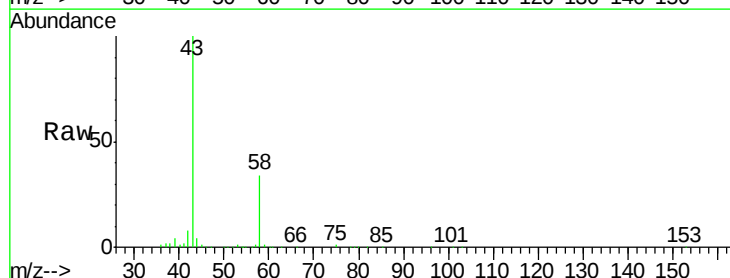
RT: 2.45 min Scan# 212

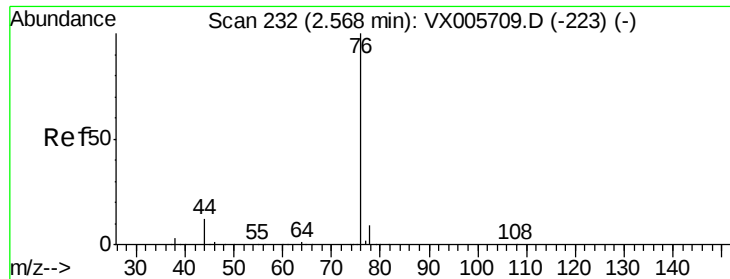
Delta R.T. -0.01 min

Lab File: VX005774.D

Acq: 05 Nov 2018 13:24

Tgt Ion:	43	Resp:	109634
Ion	Ratio	Lower	Upper
43	100		
58	34.2	23.8	35.6





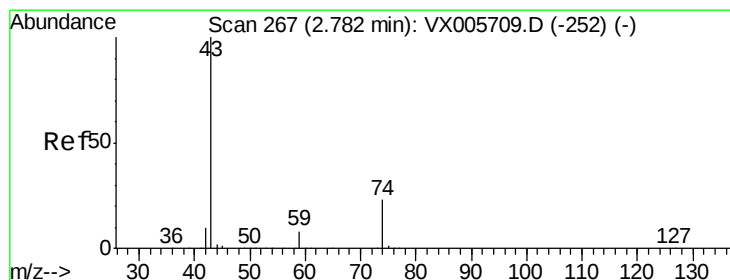
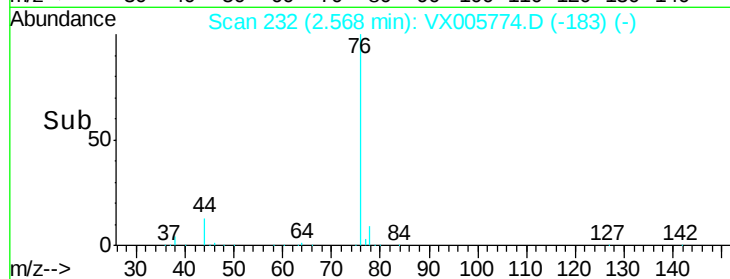
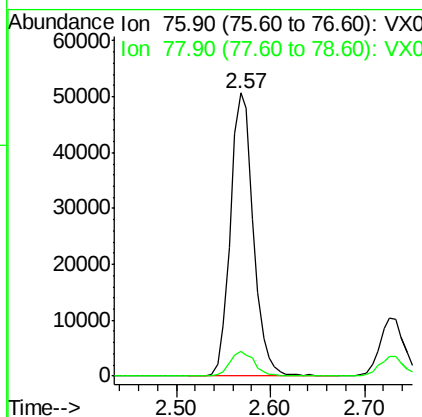
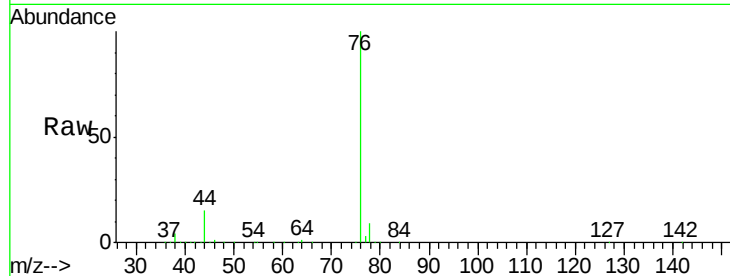
#17
Carbon Disulfide
Concen: 17.256 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX005774.D
Acq: 05 Nov 2018 13:24

Instrument :
MSVOA_X
ClientSampleId :
VX1105MBS01

Tgt Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.3	10.9

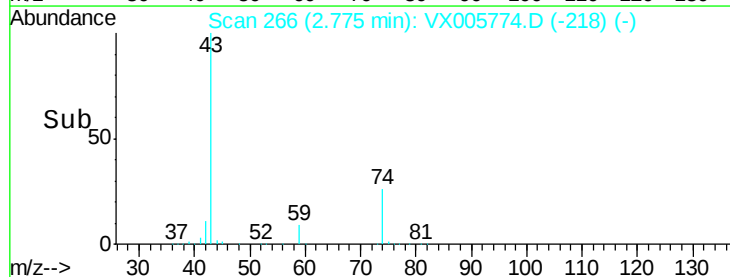
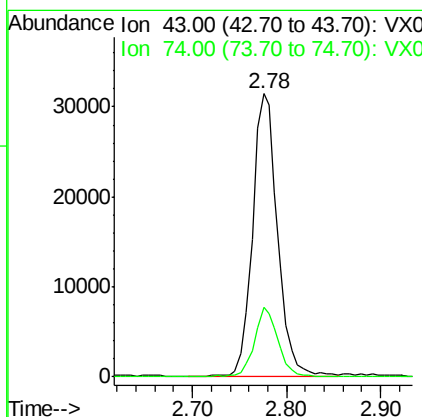
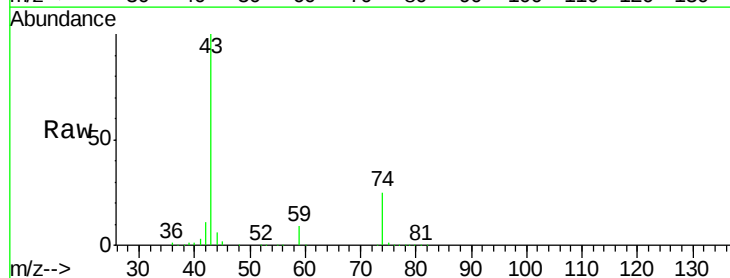
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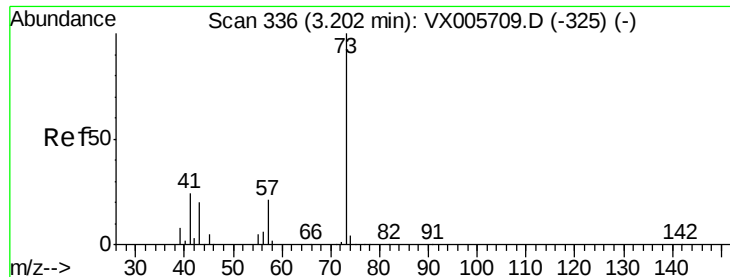
apatel
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#18
Methyl Acetate
Concen: 18.495 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005774.D
Acq: 05 Nov 2018 13:24

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.8	16.8	25.2





#19

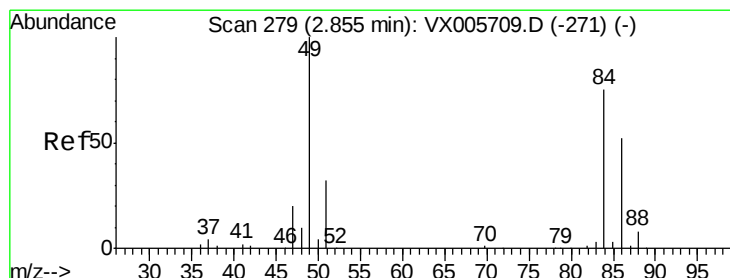
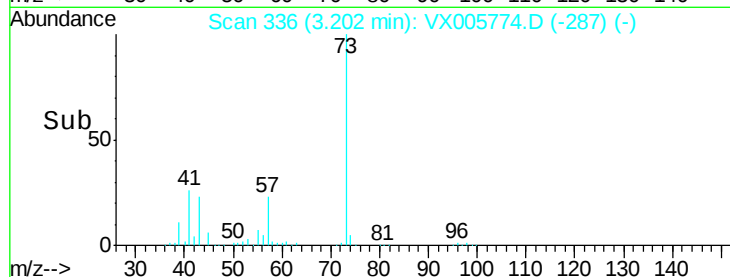
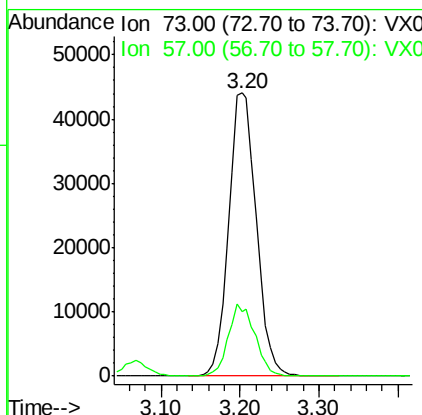
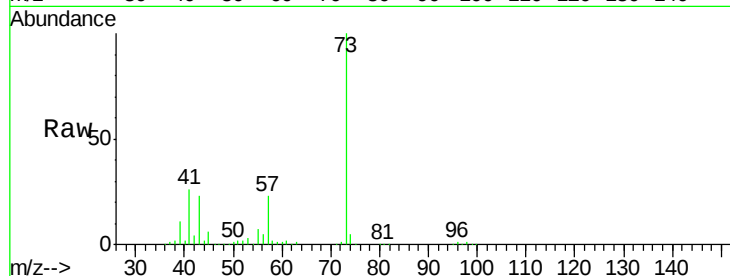
Methyl tert-butyl Ether
 Concen: 19.099 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX005774.D
 Acq: 05 Nov 2018 13:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1105MBS01

Tgt Ion: 73 Resp: 106873
 Ion Ratio Lower Upper
 73 100
 57 22.8 18.8 28.2

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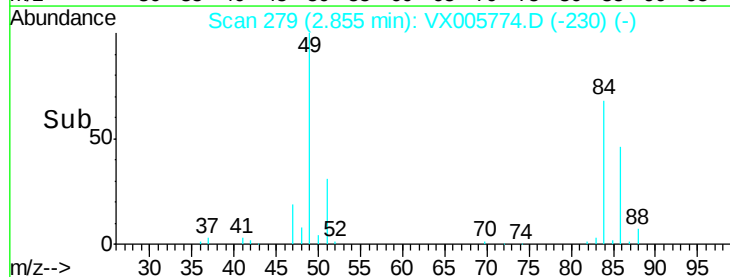
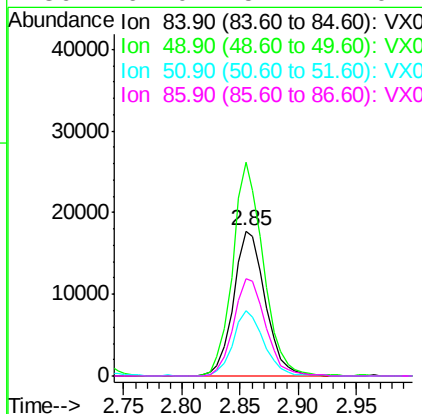
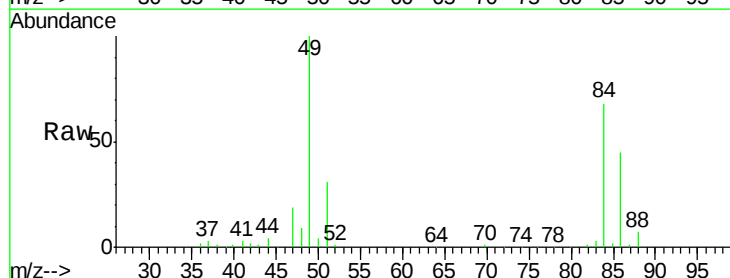
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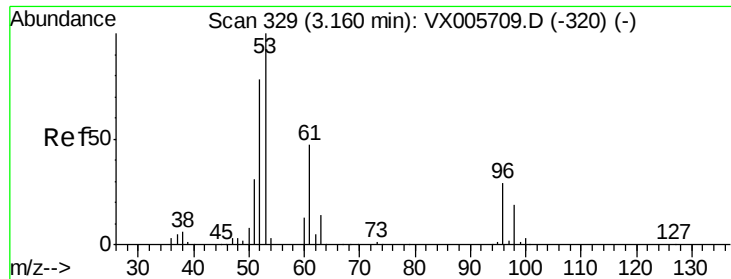


#20

Methylene Chloride
 Concen: 17.870 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX005774.D
 Acq: 05 Nov 2018 13:24

Tgt Ion: 84 Resp: 33815
 Ion Ratio Lower Upper
 84 100
 49 147.3 109.5 164.3
 51 45.2 33.3 49.9
 86 67.0 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 18.124 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005774.D

Acq: 05 Nov 2018 13:24

Instrument :

MSVOA_X

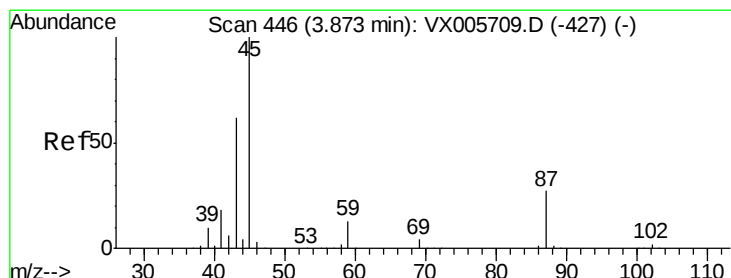
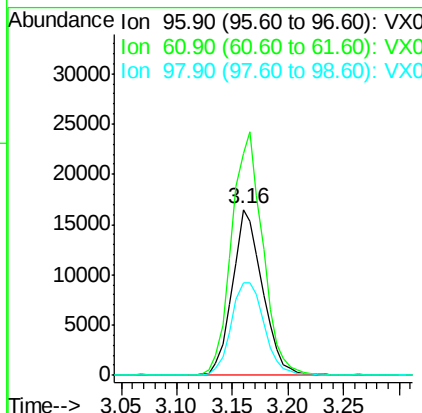
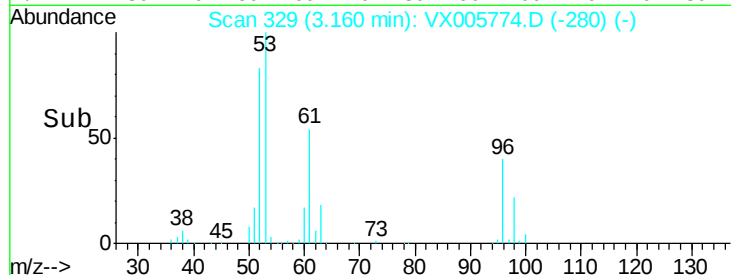
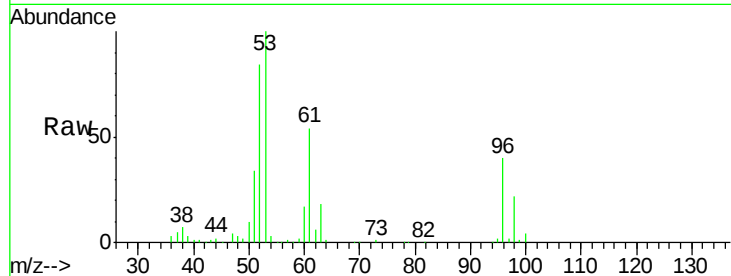
ClientSampleId :

VX1105MBS01

Tgt Ion:	96	Resp:	31002
Ion	Ratio	Lower	Upper
96	100		
61	133.8	115.6	173.4
98	55.5	50.2	75.2

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#22

Diisopropyl ether

Concen: 17.838 ug/l

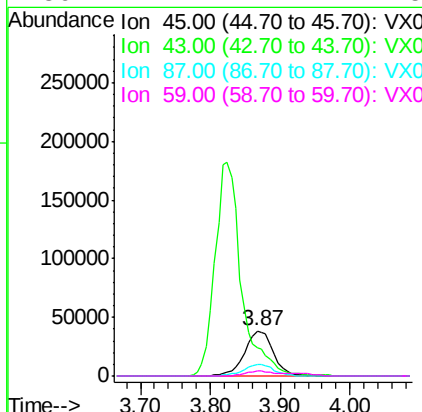
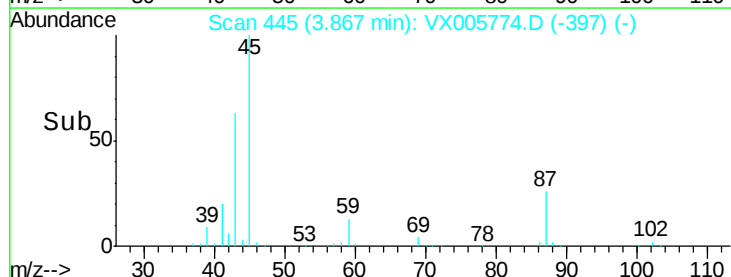
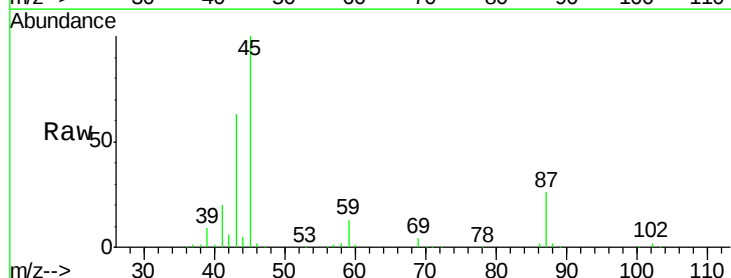
RT: 3.87 min Scan# 445

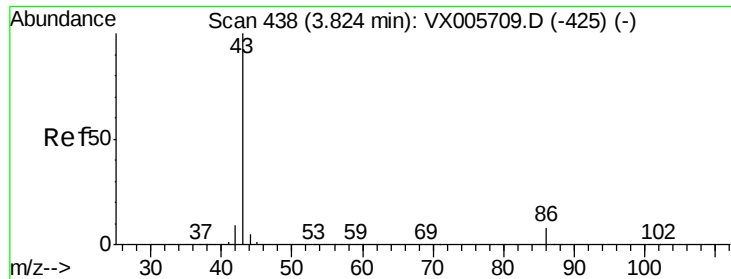
Delta R.T. -0.01 min

Lab File: VX005774.D

Acq: 05 Nov 2018 13:24

Tgt Ion:	45	Resp:	110608
Ion	Ratio	Lower	Upper
45	100		
43	62.2	47.4	71.2
87	25.7	15.9	23.9#
59	12.7	7.7	11.5#





#23

Vinyl Acetate

Concen: 89.304 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX005774.D

Acq: 05 Nov 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

VX1105MBS01

Tgt Ion: 43 Resp: 482320

Ion Ratio Lower Upper

43 100

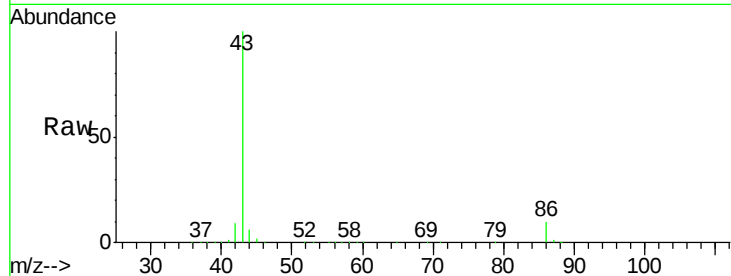
86 9.8 7.4 11.2

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

200000

150000

100000

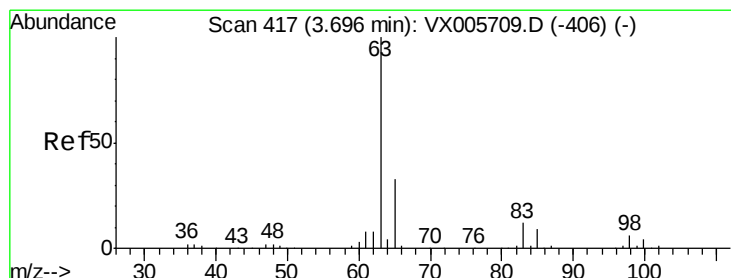
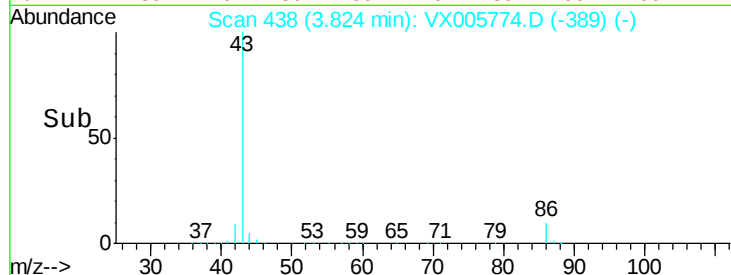
50000

0

3.80

4.00

Time-->



#24

1,1-Dichloroethane

Concen: 17.824 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX005774.D

Acq: 05 Nov 2018 13:24

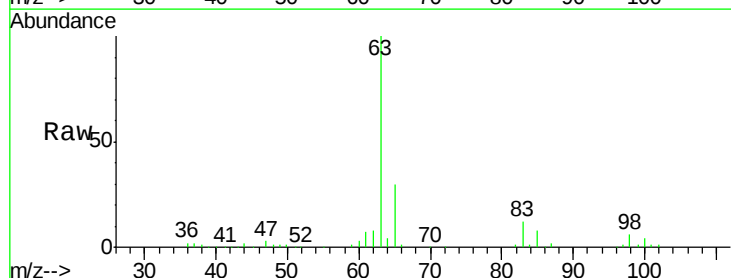
Tgt Ion: 63 Resp: 62495

Ion Ratio Lower Upper

63 100

98 6.2 3.2 9.6

100 4.1 2.1 6.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.69

30000

20000

10000

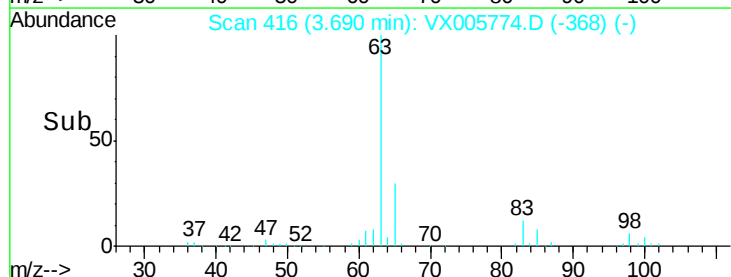
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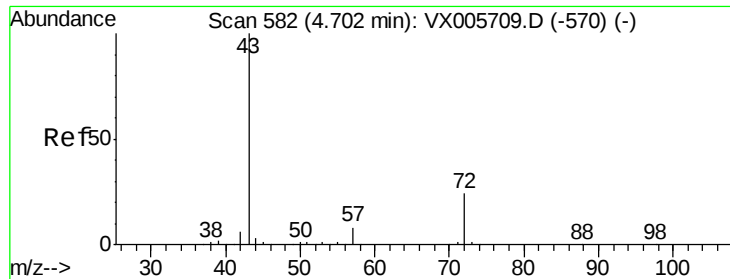
3.60

3.70

3.80

Time-->





#25

2-Butanone

Concen: 88.406 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX005774.D

Acq: 05 Nov 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

VX1105MBS01

Tgt Ion: 43 Resp: 163645

Ion Ratio Lower Upper

43 100

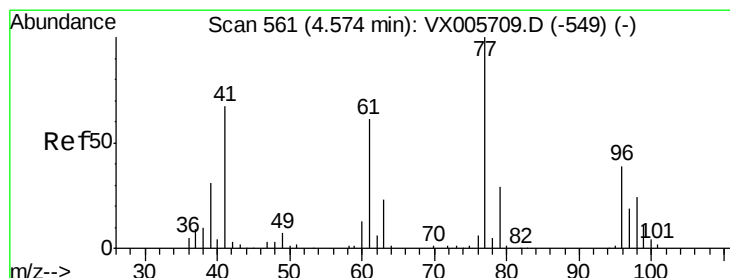
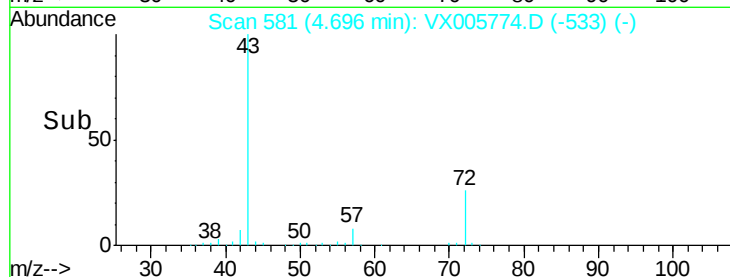
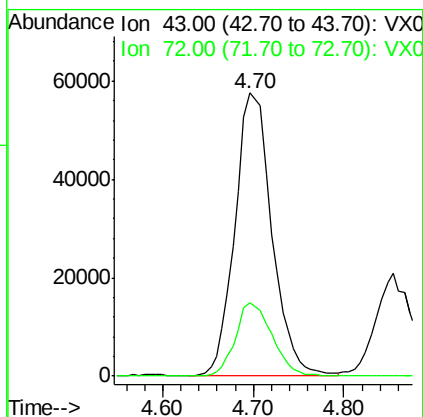
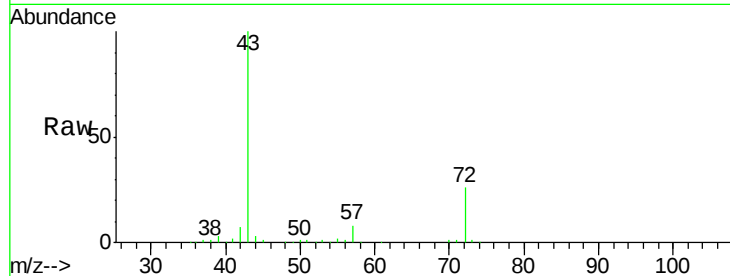
72 25.9 19.2 28.8

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#26

2,2-Dichloropropane

Concen: 18.403 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX005774.D

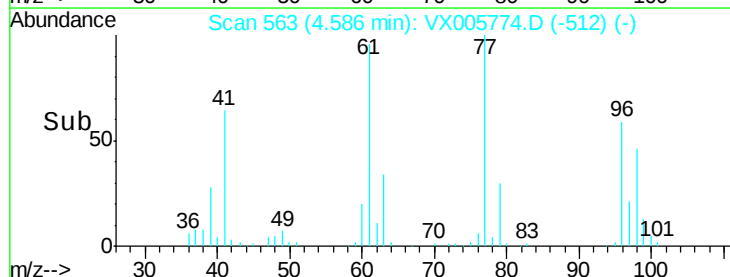
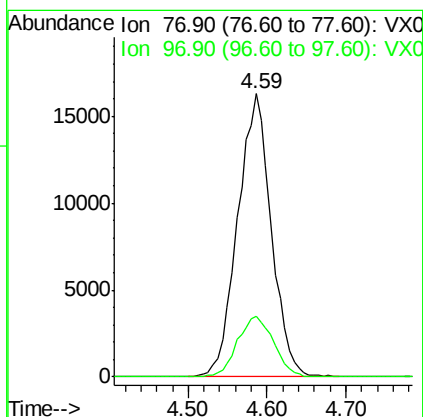
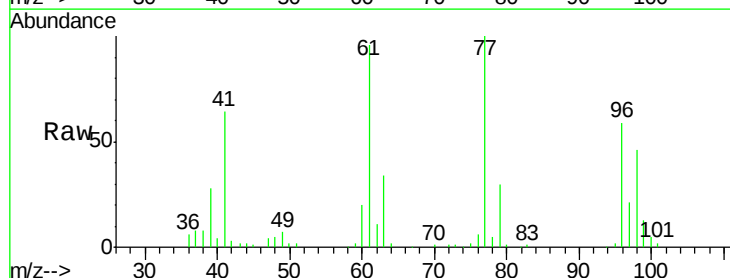
Acq: 05 Nov 2018 13:24

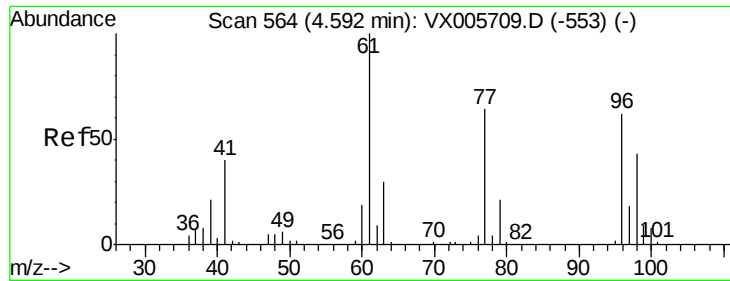
Tgt Ion: 77 Resp: 48233

Ion Ratio Lower Upper

77 100

97 23.0 11.5 34.5





#27

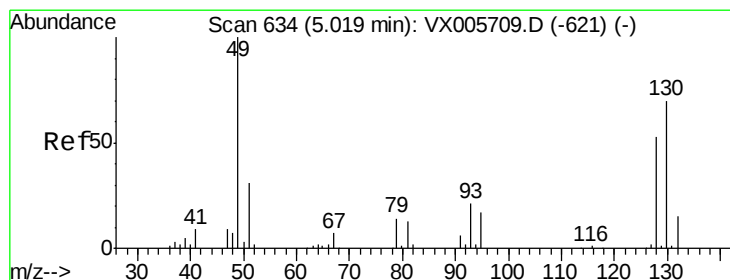
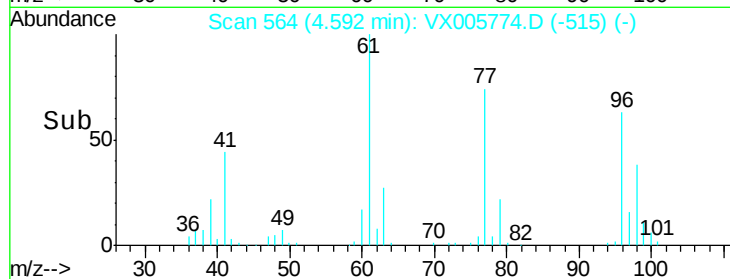
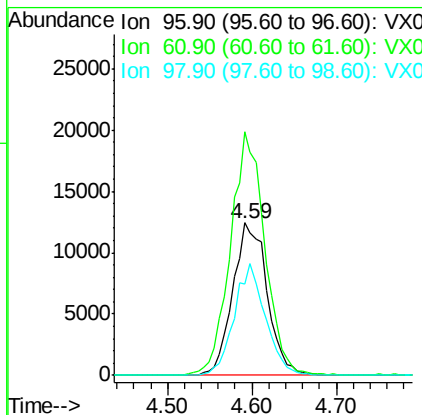
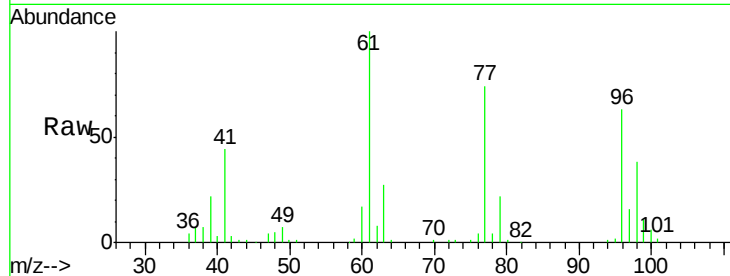
cis-1,2-Dichloroethene
Concen: 17.885 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.00 min
Lab File: VX005774.D
Acq: 05 Nov 2018 13:24

Instrument :
MSVOA_X
ClientSampleId :
VX1105MBS01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.9	0.0	304.6
98	66.1	0.0	127.4

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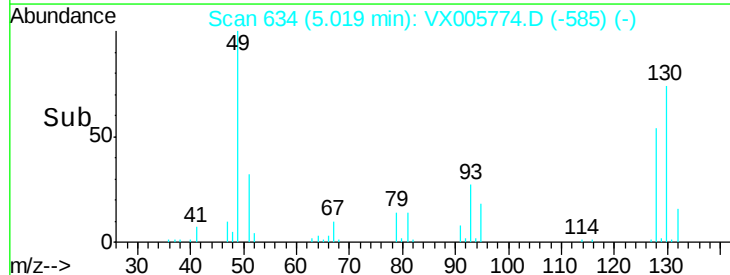
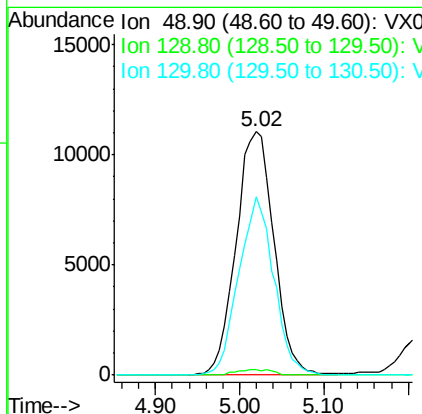
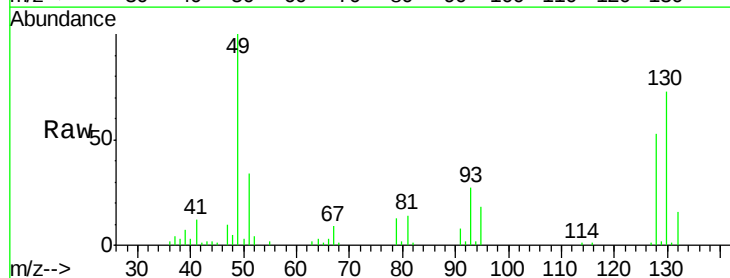
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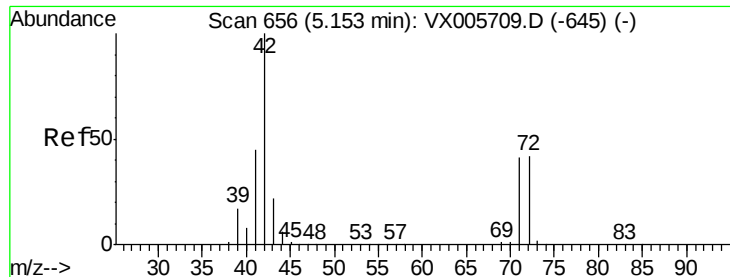


#28

Bromochloromethane
Concen: 19.678 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX005774.D
Acq: 05 Nov 2018 13:24

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	67.7	58.9	88.3





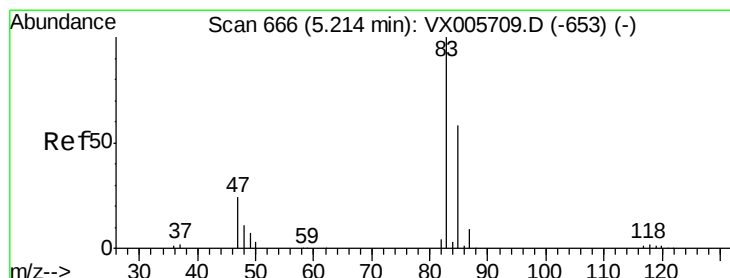
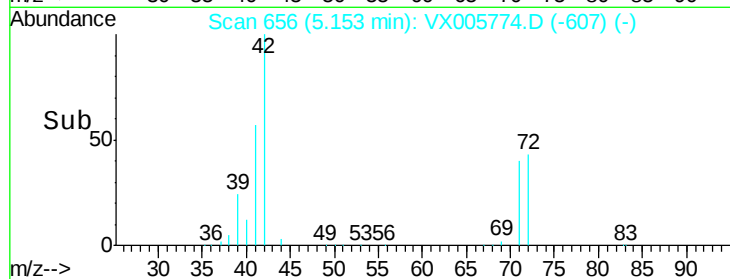
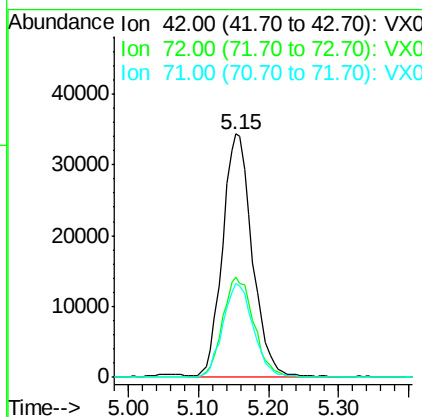
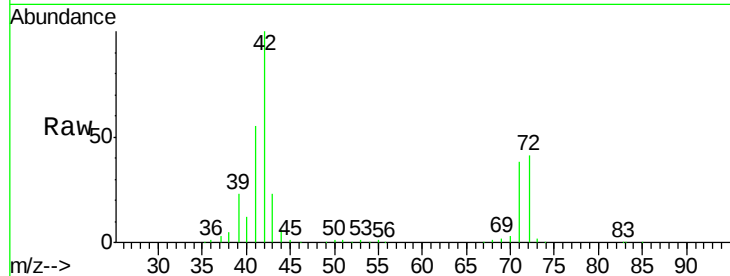
#29
Tetrahydrofuran
Concen: 88.820 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX005774.D
Acq: 05 Nov 2018 13:24

Instrument :
MSVOA_X
ClientSampleId :
VX1105MBS01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	43.8	32.0	48.0
71	39.7	29.8	44.8

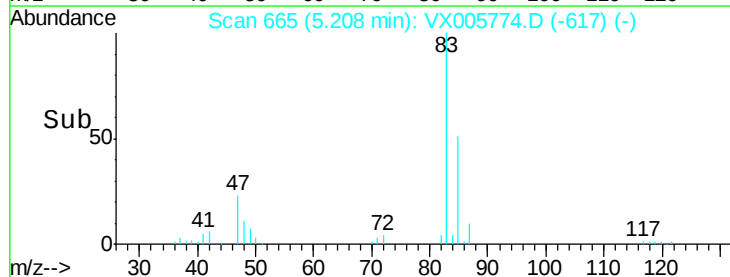
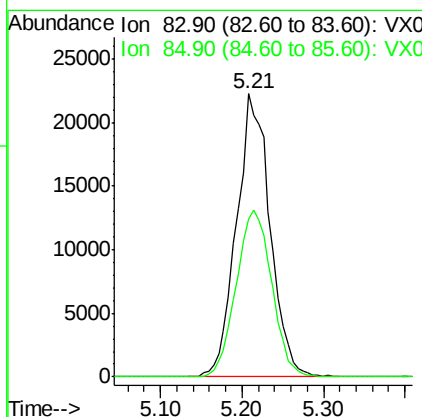
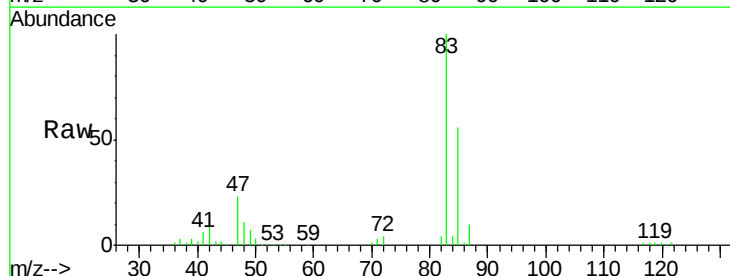
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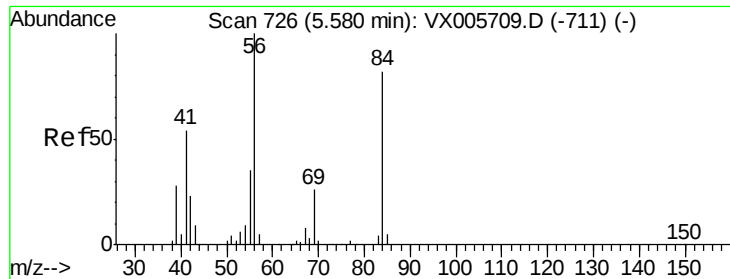
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#30
Chloroform
Concen: 18.507 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX005774.D
Acq: 05 Nov 2018 13:24

Tgt Ion	Ratio	Lower	Upper
83	100		
85	55.7	50.6	76.0





#31

Cyclohexane

Concen: 16.908 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX005774.D

Acq: 05 Nov 2018 13:24

Instrument :

MSVOA_X

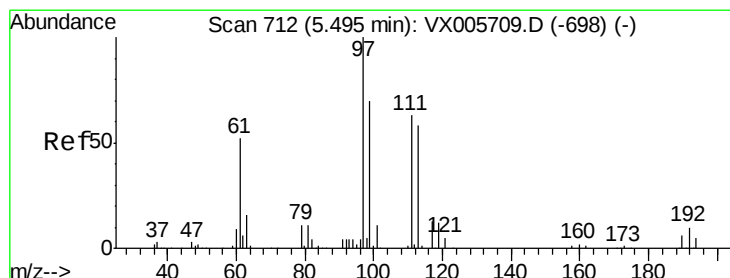
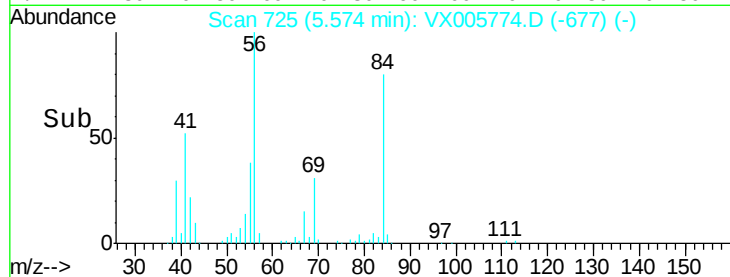
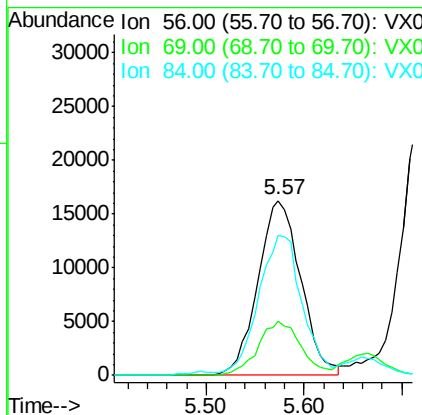
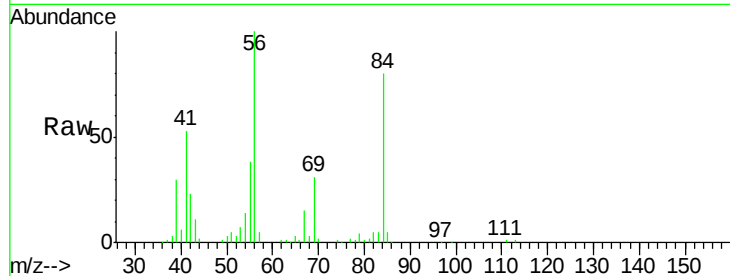
ClientSampleId :

VX1105MBS01

Tgt Ion:	56	Resp:	49574
Ion Ratio	Lower	Upper	
56	100		
69	30.8	22.6	34.0
84	78.8	62.7	94.1

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#32

1,1,1-Trichloroethane

Concen: 18.350 ug/l

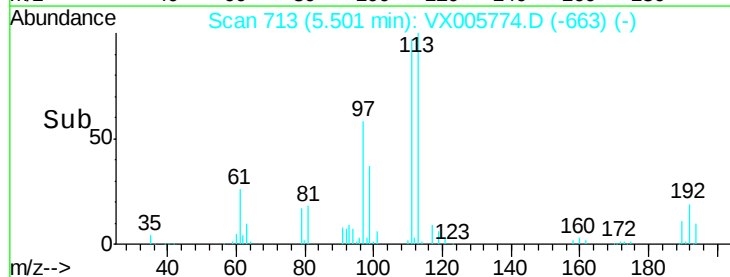
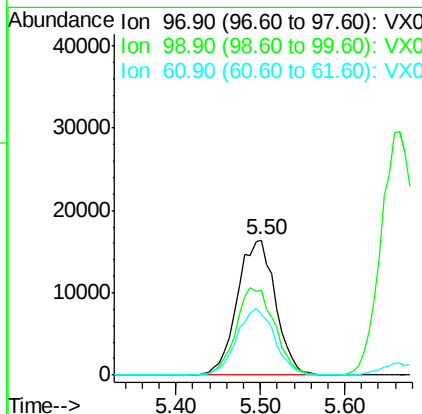
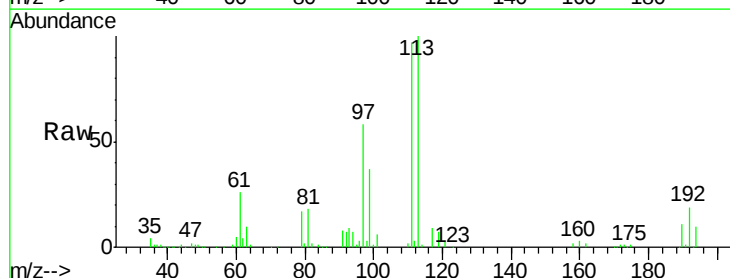
RT: 5.50 min Scan# 713

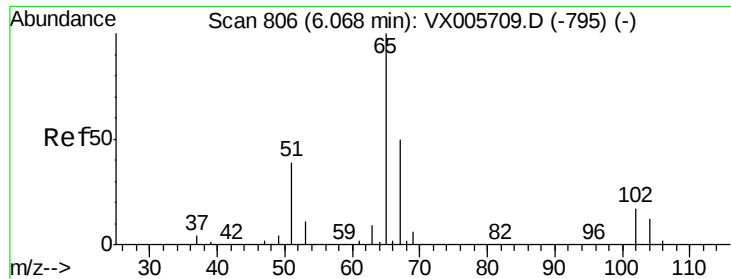
Delta R.T. 0.01 min

Lab File: VX005774.D

Acq: 05 Nov 2018 13:24

Tgt Ion:	97	Resp:	50344
Ion Ratio	Lower	Upper	
97	100		
99	65.0	52.3	78.5
61	48.8	35.2	52.8





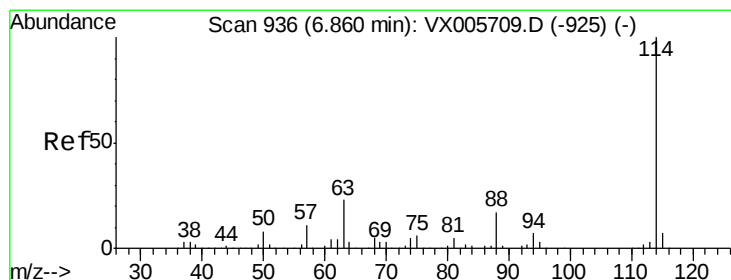
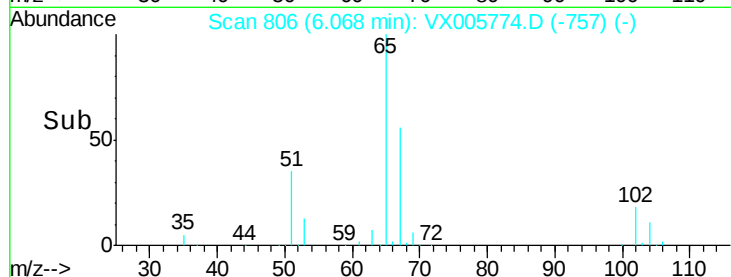
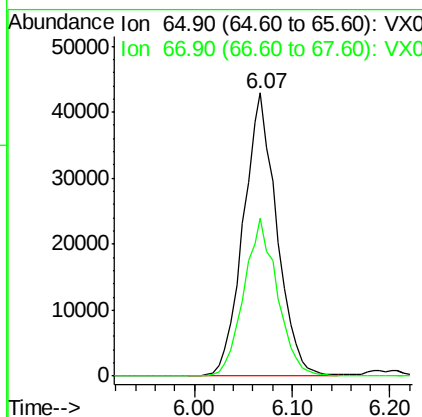
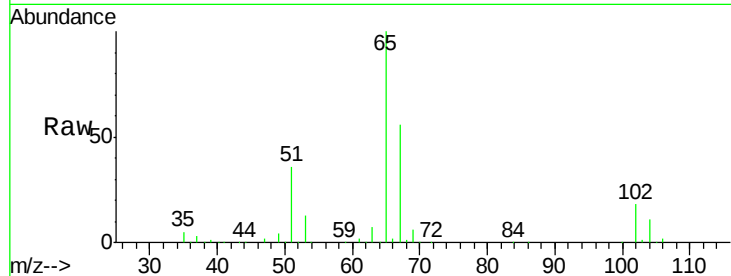
#33
 1,2-Dichloroethane-d4
 Concen: 46.376 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005774.D
 Acq: 05 Nov 2018 13:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1105MBS01

Tgt Ion: 65 Resp: 101764
 Ion Ratio Lower Upper
 65 100
 67 55.7 0.0 105.0

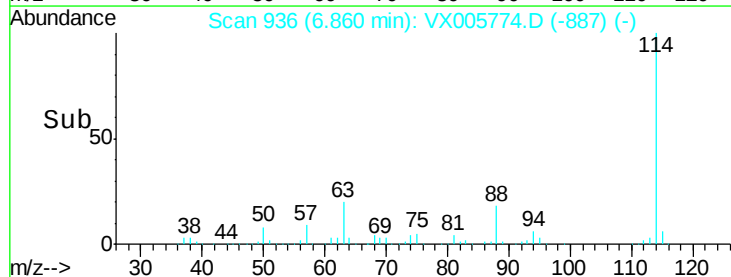
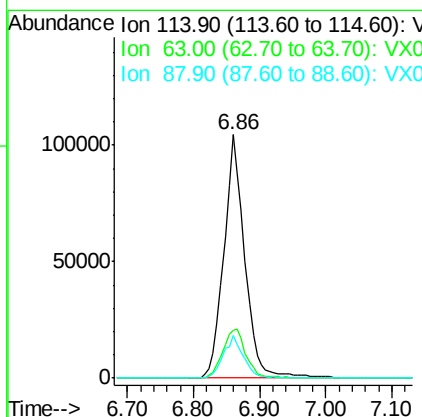
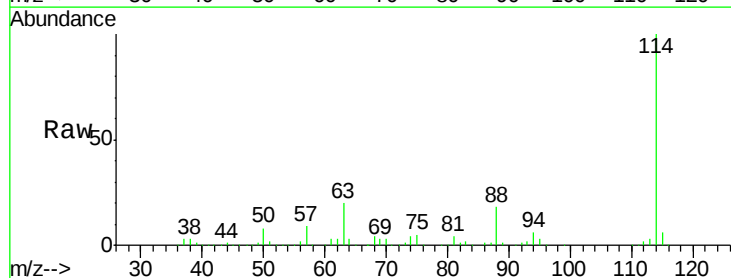
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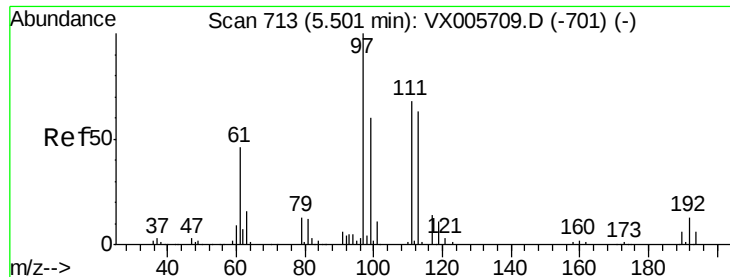
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005774.D
 Acq: 05 Nov 2018 13:24

Tgt Ion: 114 Resp: 230685
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 42.8
 88 17.7 0.0 31.2





#35

Dibromofluoromethane

Concen: 50.421 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005774.D

Acq: 05 Nov 2018 13:24

Instrument :

MSVOA_X

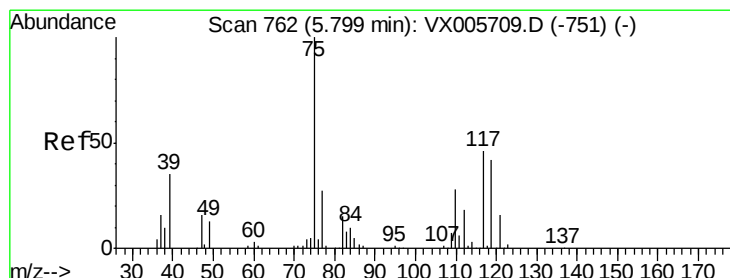
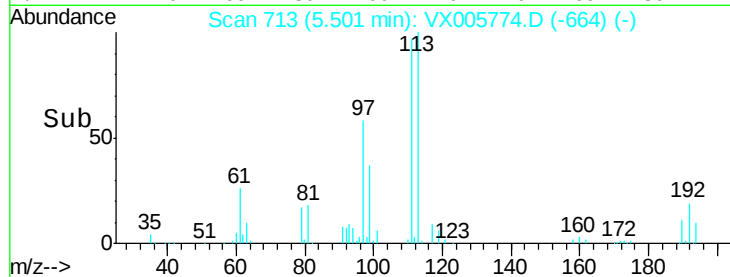
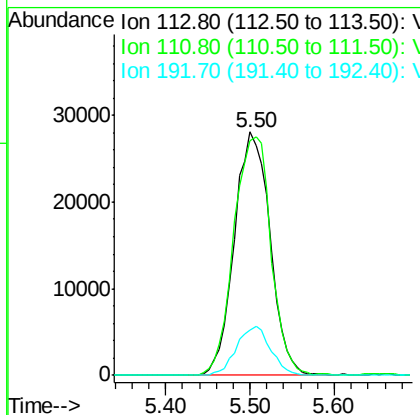
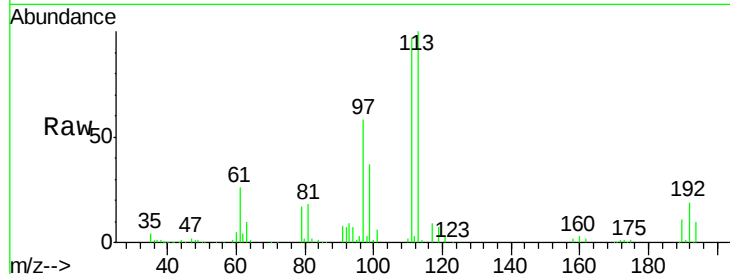
ClientSampleId :

VX1105MBS01

Tgt Ion:	113	Resp:	80536
Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.3	123.5
192	19.3	17.9	26.9

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#36

1,1-Dichloropropene

Concen: 17.590 ug/l

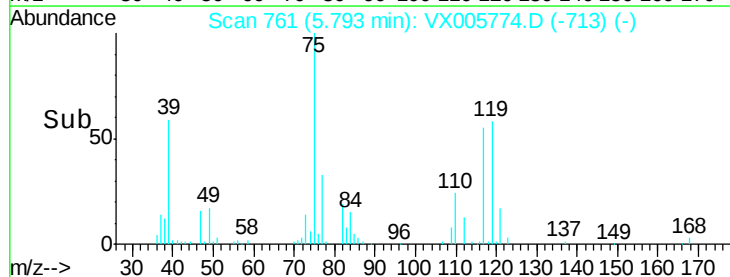
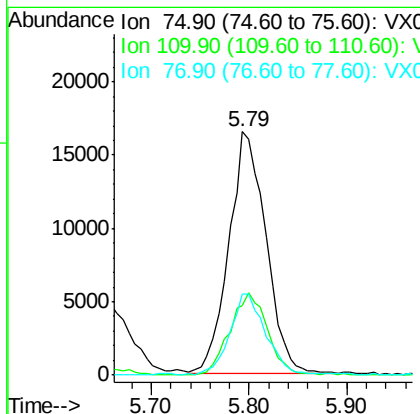
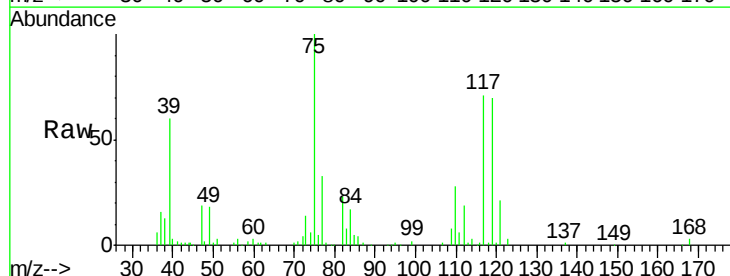
RT: 5.79 min Scan# 761

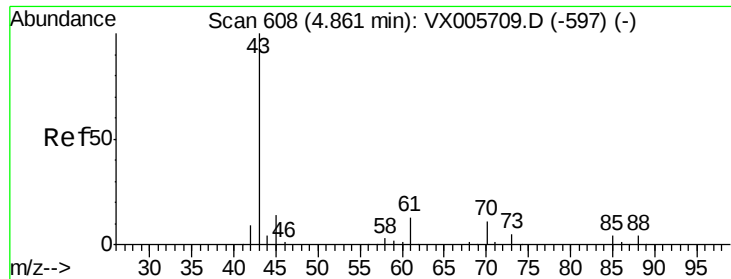
Delta R.T. -0.01 min

Lab File: VX005774.D

Acq: 05 Nov 2018 13:24

Tgt Ion:	75	Resp:	43232
Ion	Ratio	Lower	Upper
75	100		
110	34.4	17.4	52.2
77	33.1	25.8	38.6





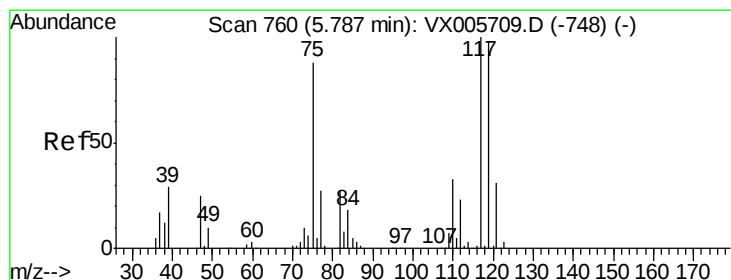
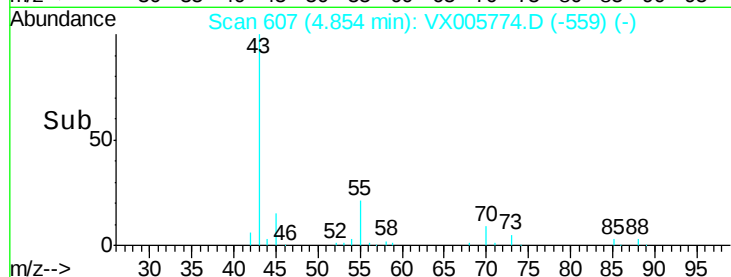
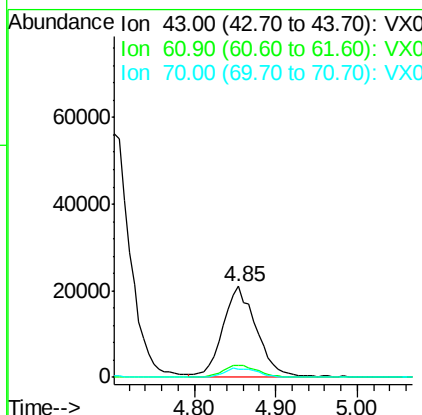
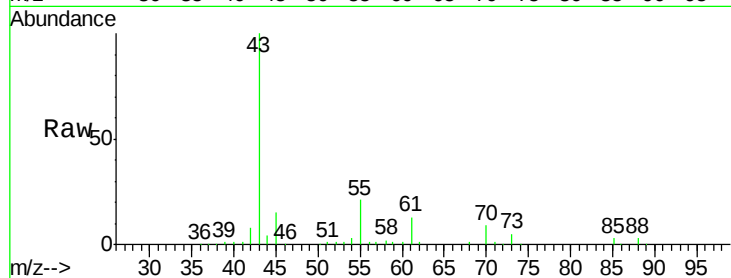
#37
Ethyl Acetate
Concen: 18.826 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX005774.D
Acq: 05 Nov 2018 13:24

Instrument :
MSVOA_X
ClientSampleId :
VX1105MBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.3	10.8	16.2
70	10.4	7.8	11.8

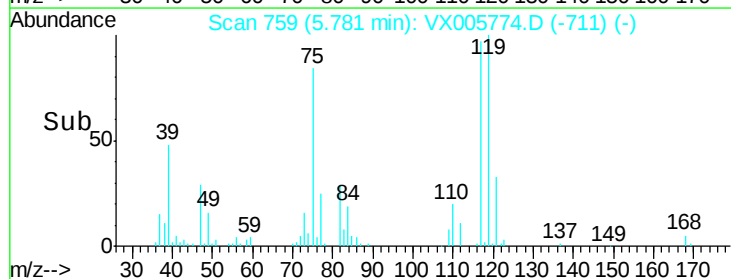
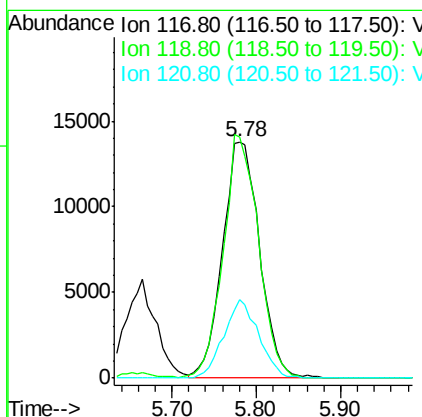
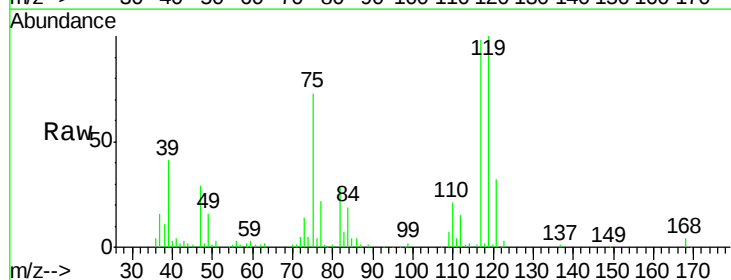
Manual Integrations
APPROVED

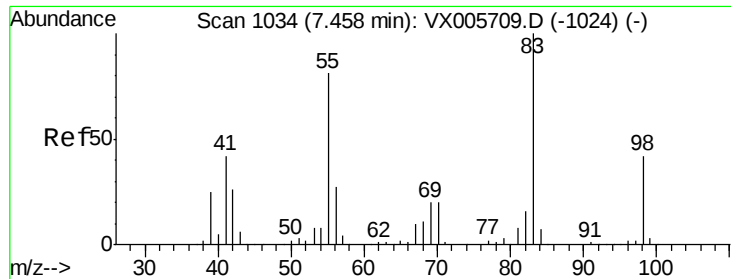
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#38
Carbon Tetrachloride
Concen: 18.584 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX005774.D
Acq: 05 Nov 2018 13:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	102.2	78.1	117.1
121	33.1	24.6	36.8





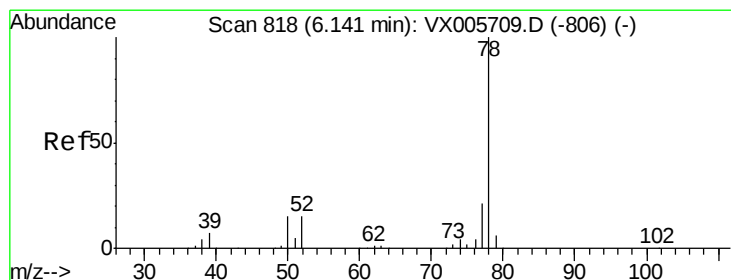
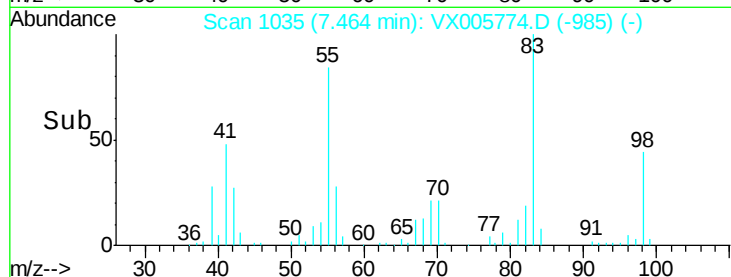
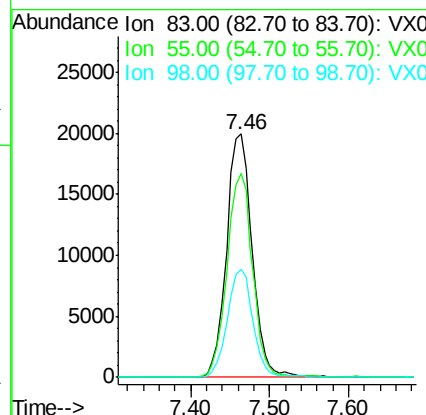
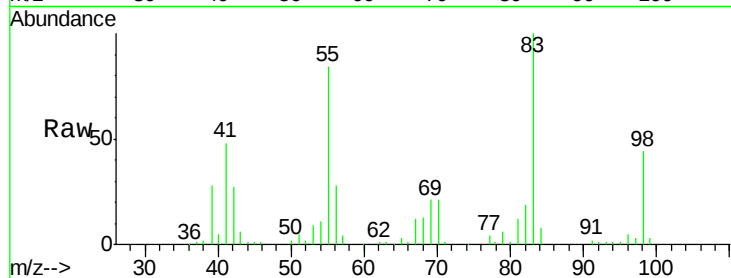
#39
Methylcyclohexane
Concen: 17.643 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX005774.D
Acq: 05 Nov 2018 13:24

Instrument :
MSVOA_X
ClientSampled :
VX1105MBS01

Tgt Ion: 83 Resp: 45224
Ion Ratio Lower Upper
83 100
55 84.0 63.7 95.5
98 44.4 36.2 54.2

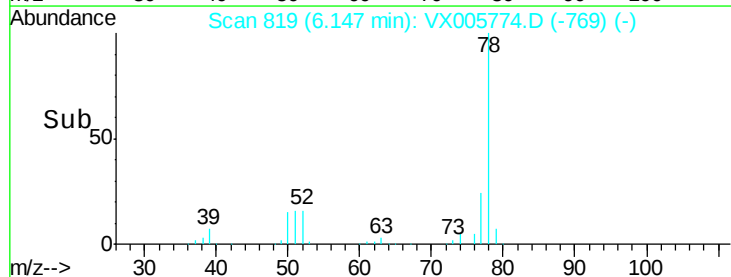
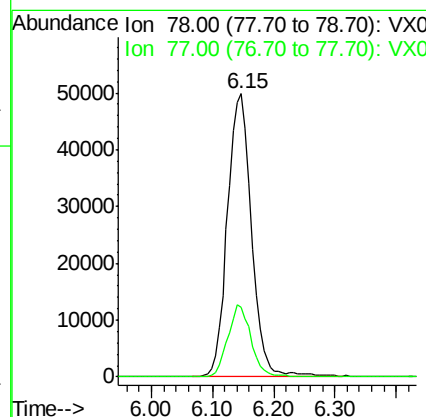
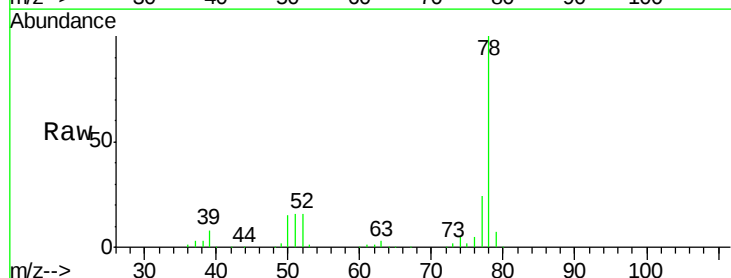
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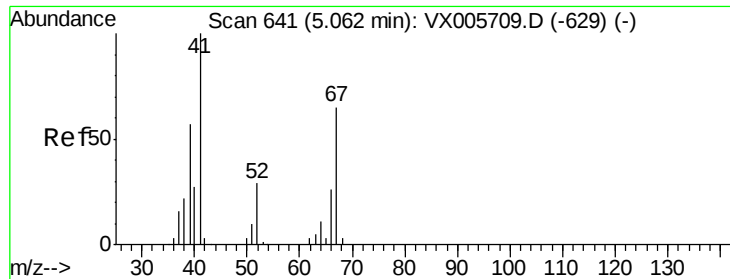
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#40
Benzene
Concen: 18.626 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX005774.D
Acq: 05 Nov 2018 13:24

Tgt Ion: 78 Resp: 136188
Ion Ratio Lower Upper
78 100
77 24.4 18.4 27.6





#41

Methacrylonitrile

Concen: 17.959 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX005774.D

Acq: 05 Nov 2018 13:24

Instrument :

MSVOA_X

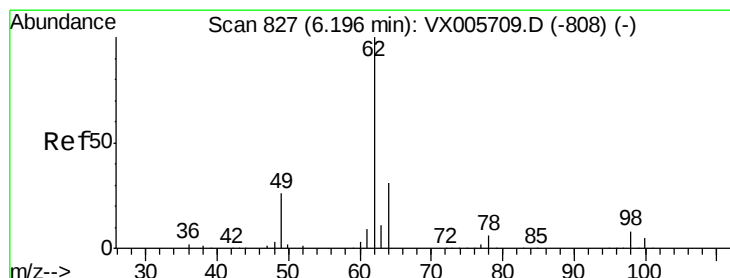
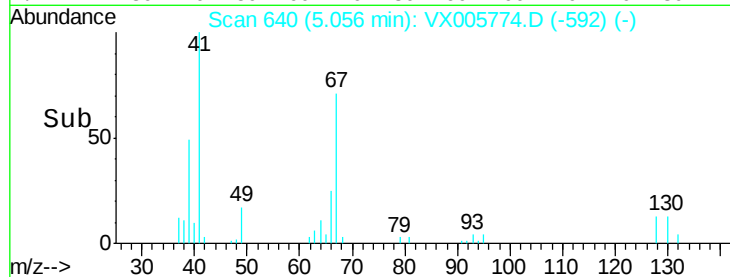
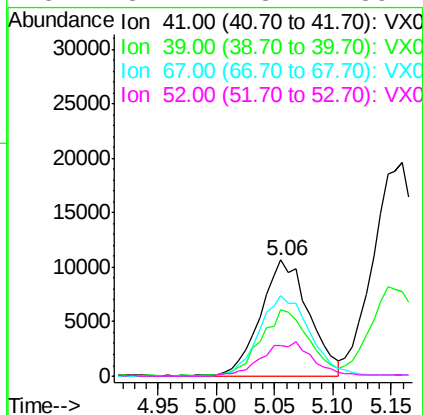
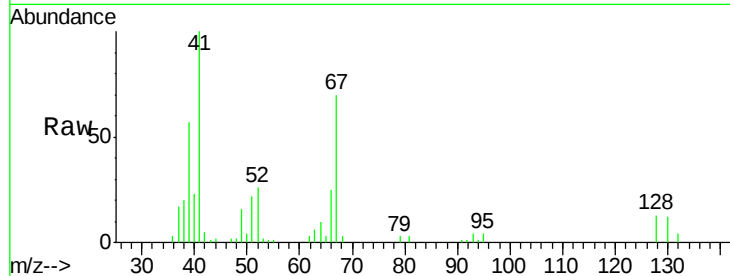
ClientSampleId :

VX1105MBS01

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.2	42.2	63.2	
67	74.7	53.4	80.0	
52	31.7	23.4	35.2	

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#42

1,2-Dichloroethane

Concen: 18.431 ug/l

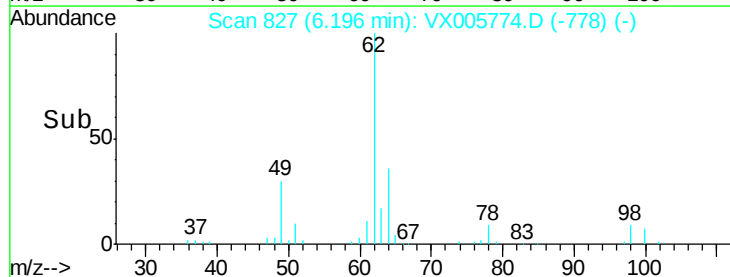
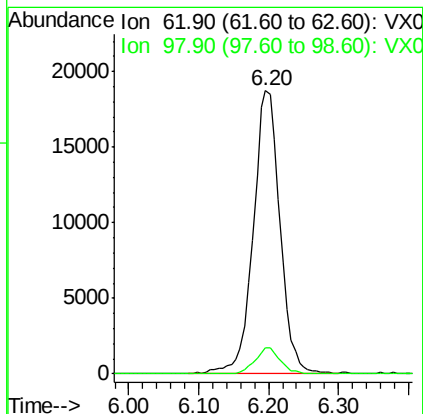
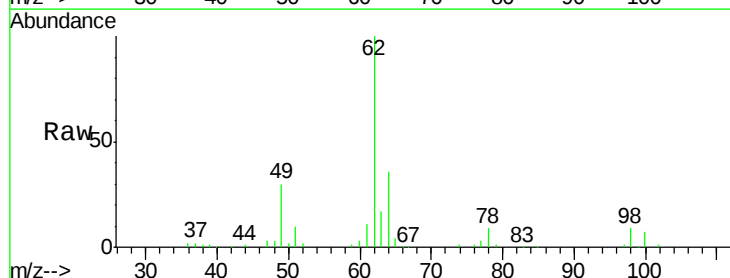
RT: 6.20 min Scan# 827

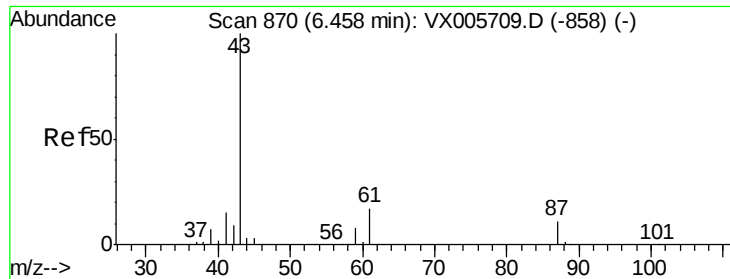
Delta R.T. -0.00 min

Lab File: VX005774.D

Acq: 05 Nov 2018 13:24

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.7	0.0	17.8	





#43

Isopropyl Acetate

Concen: 18.192 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX005774.D

Acq: 05 Nov 2018 13:24

Instrument :

MSVOA_X

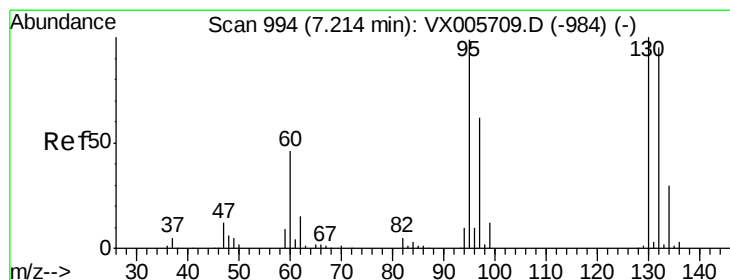
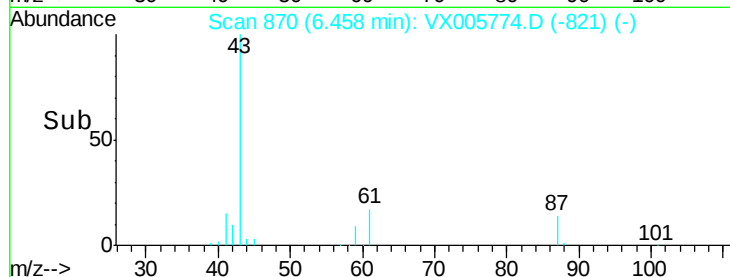
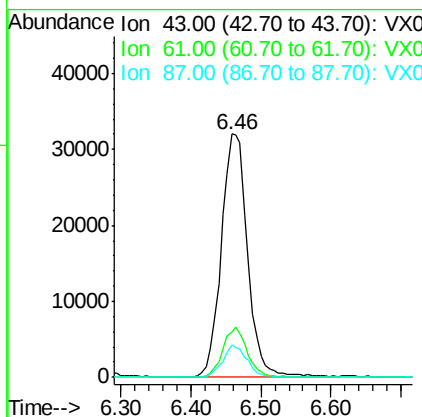
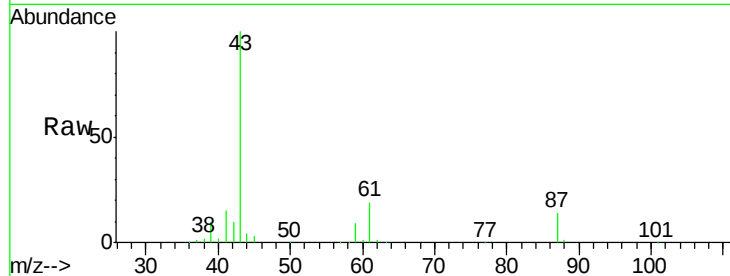
ClientSampleId :

VX1105MBS01

Tgt Ion:	43	Resp:	82794
Ion Ratio	Lower	Upper	
43	100		
61	19.7	14.6	22.0
87	12.4	9.6	14.4

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#44

Trichloroethene

Concen: 18.736 ug/l

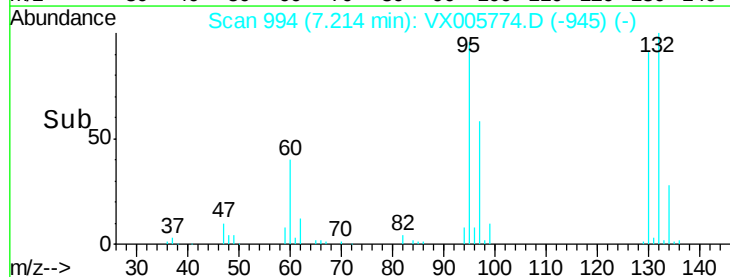
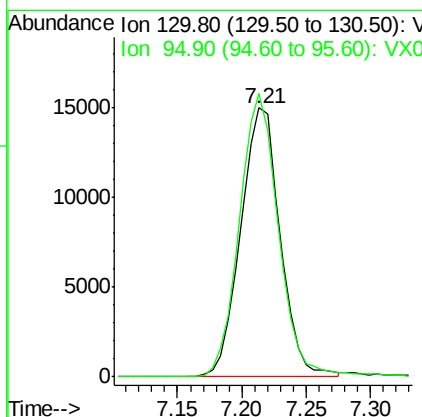
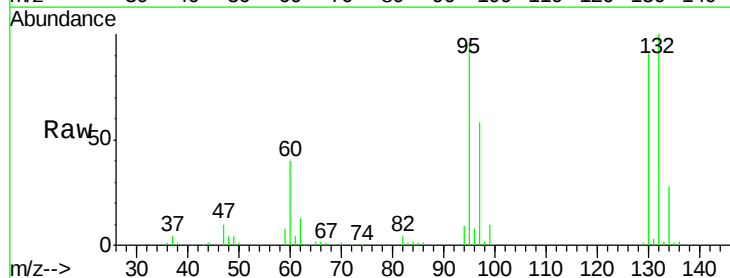
RT: 7.21 min Scan# 994

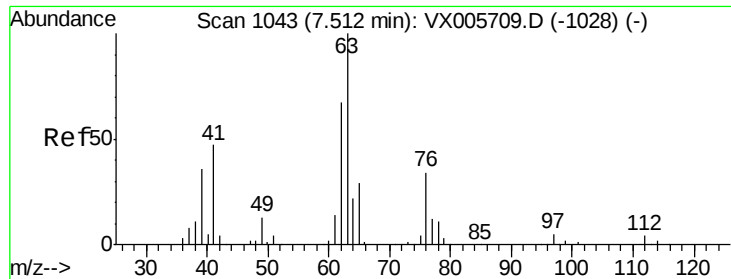
Delta R.T. -0.00 min

Lab File: VX005774.D

Acq: 05 Nov 2018 13:24

Tgt Ion:	130	Resp:	31685
Ion Ratio	Lower	Upper	
130	100		
95	105.3	0.0	194.2





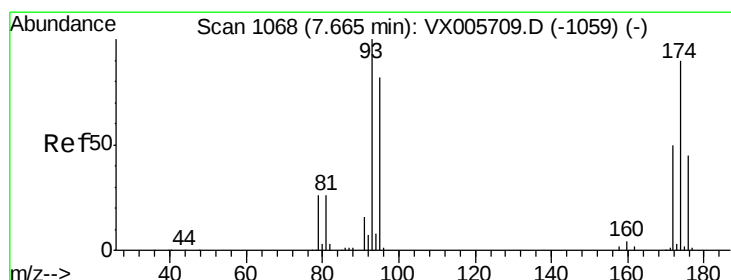
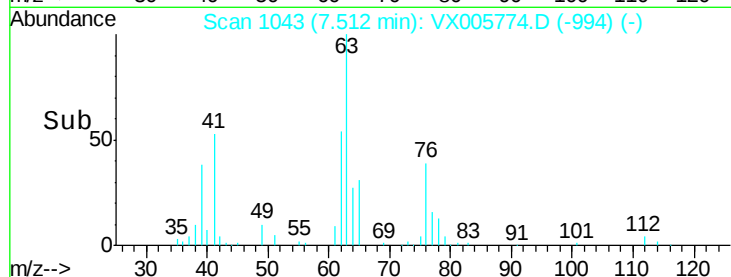
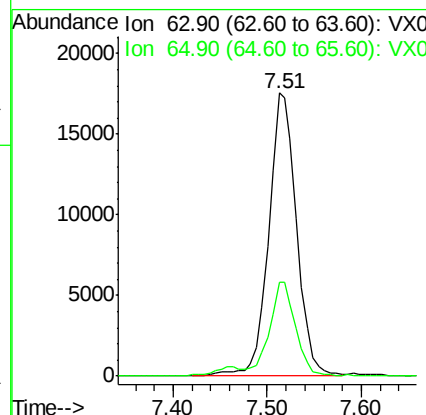
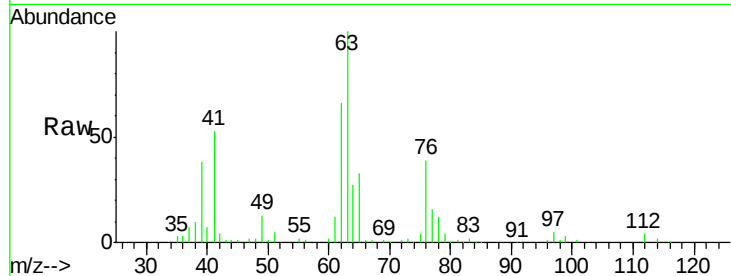
#45
 1,2-Dichloropropane
 Concen: 19.457 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX005774.D
 Acq: 05 Nov 2018 13:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1105MBS01

Tgt Ion: 63 Resp: 36458
 Ion Ratio Lower Upper
 63 100
 65 33.0 24.8 37.2

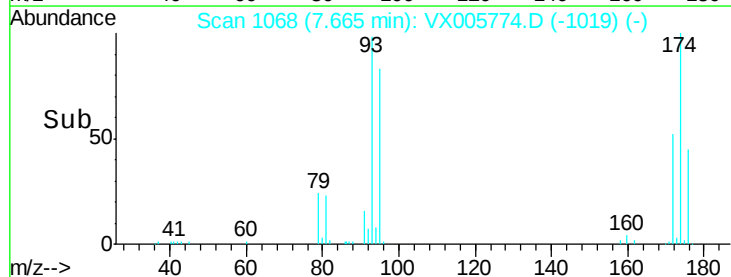
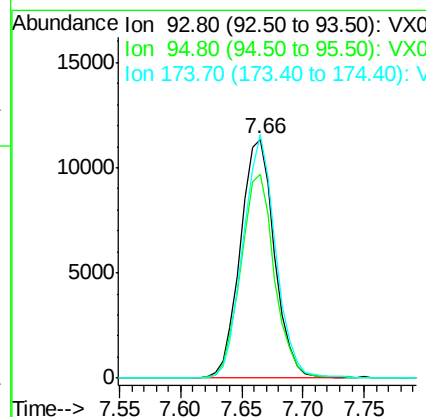
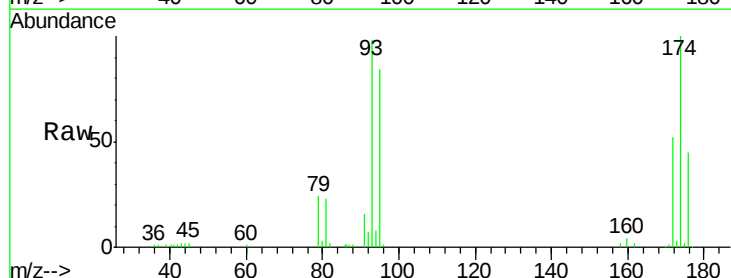
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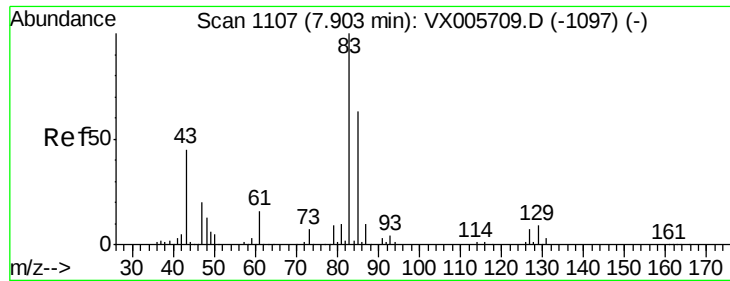
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#46
 Dibromomethane
 Concen: 18.317 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX005774.D
 Acq: 05 Nov 2018 13:24

Tgt Ion: 93 Resp: 21935
 Ion Ratio Lower Upper
 93 100
 95 84.5 67.4 101.0
 174 97.3 91.5 137.3





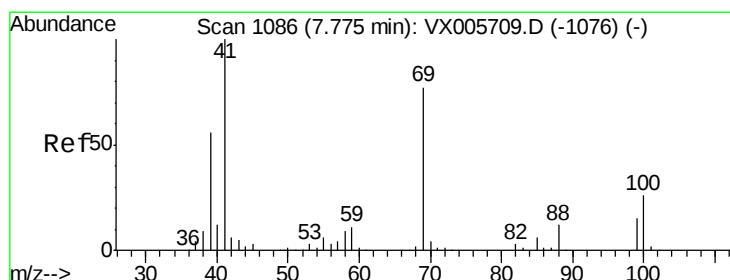
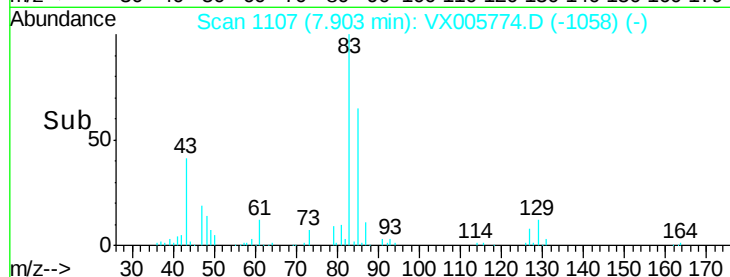
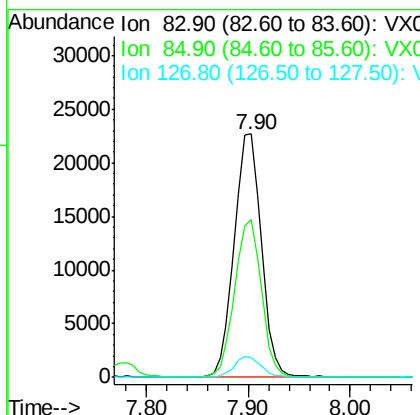
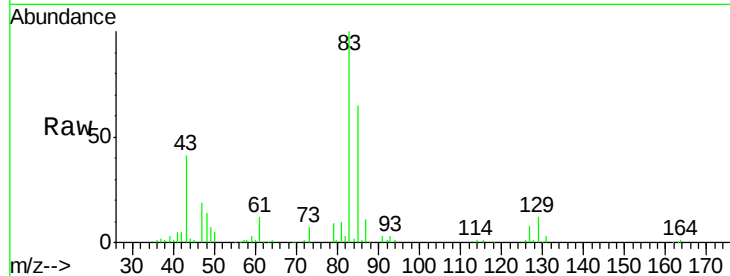
#47
Bromodichloromethane
Concen: 18.619 ug/l
RT: 7.90 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VX005774.D
Acq: 05 Nov 2018 13:24

Instrument :
MSVOA_X
ClientSampleId :
VX1105MBS01

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	41821		
85	64.9	50.2	75.4	
127	8.1	6.9	10.3	

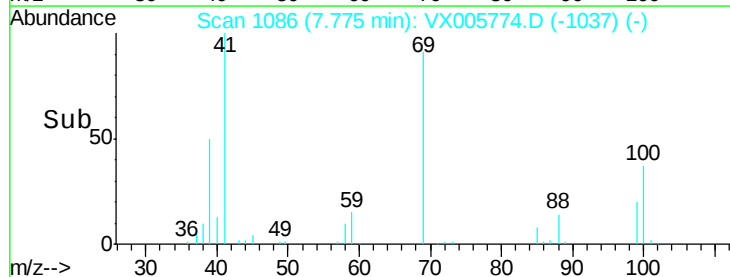
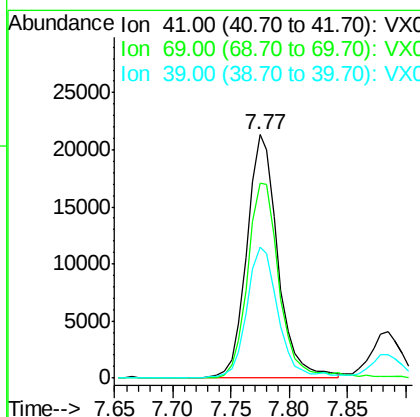
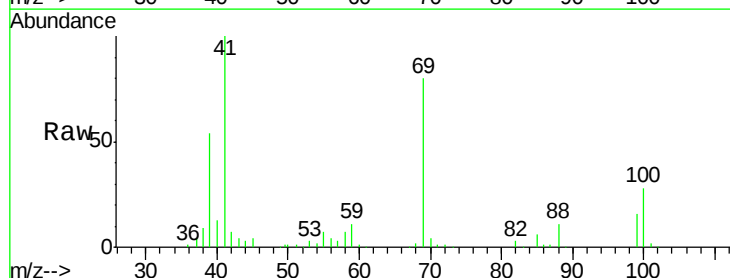
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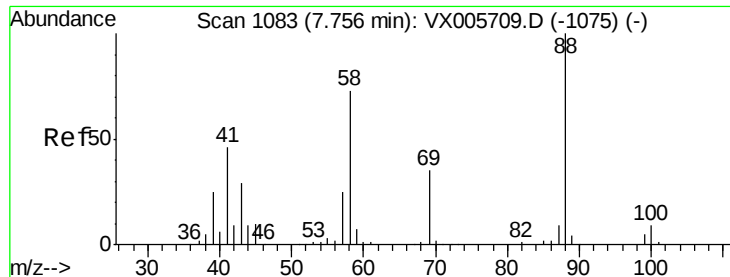
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#48
Methyl methacrylate
Concen: 18.048 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. -0.00 min
Lab File: VX005774.D
Acq: 05 Nov 2018 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	39754		
69	82.7	63.2	94.8	
39	54.8	42.2	63.2	





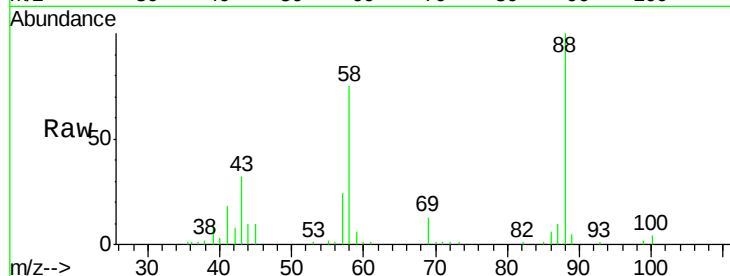
#49
1,4-Dioxane
Concen: 365.105 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX005774.D
Acq: 05 Nov 2018 13:24

Instrument :
MSVOA_X
ClientSampleId :
VX1105MBS01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	34.4	27.4	41.0
58	76.2	59.4	89.2

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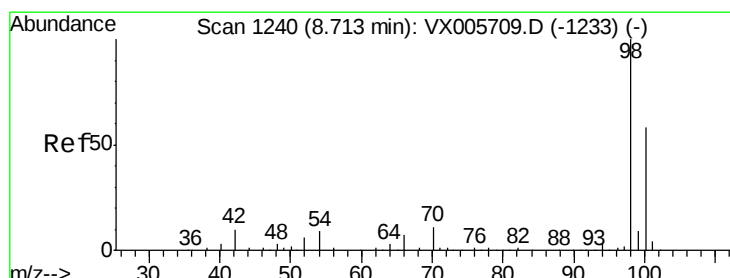
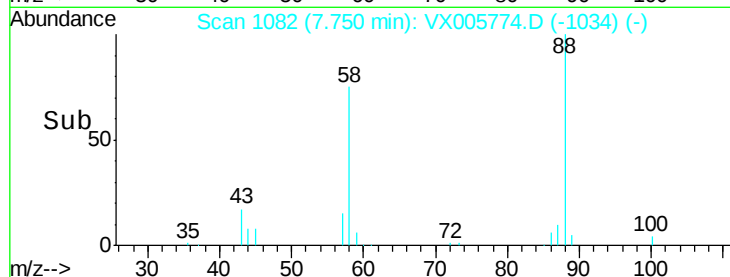
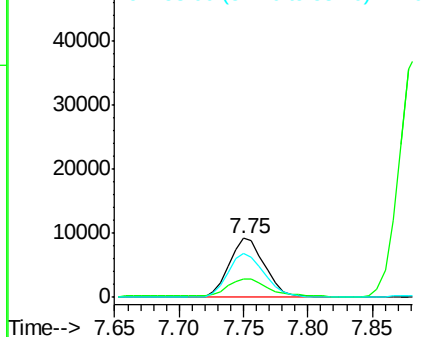


Abundance

Ion 88.00 (87.70 to 88.70): VX0

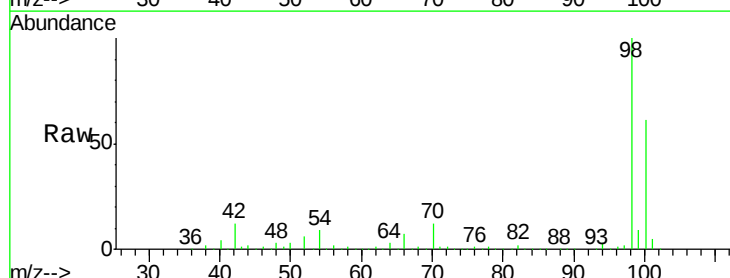
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 51.542 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005774.D
Acq: 05 Nov 2018 13:24

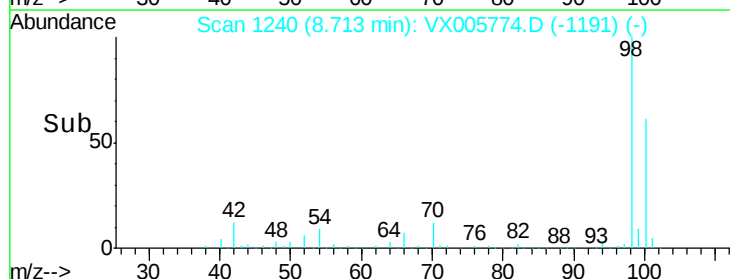
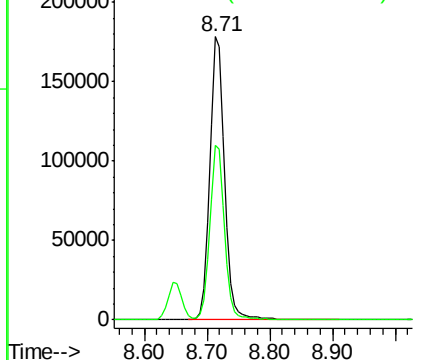
Tgt Ion	Ratio	Lower	Upper
98	100		
100	61.6	51.3	76.9

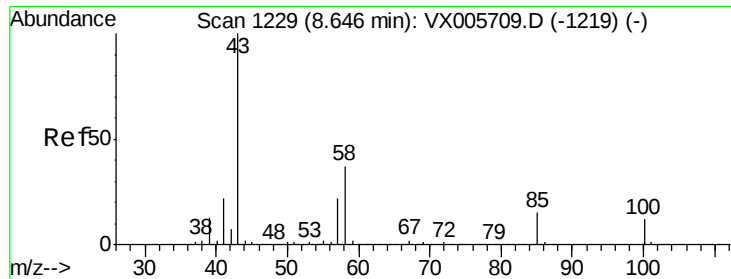


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 92.084 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX005774.D

Acq: 05 Nov 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

VX1105MBS01

Tgt Ion: 43 Resp: 285756

Ion Ratio Lower Upper

43 100

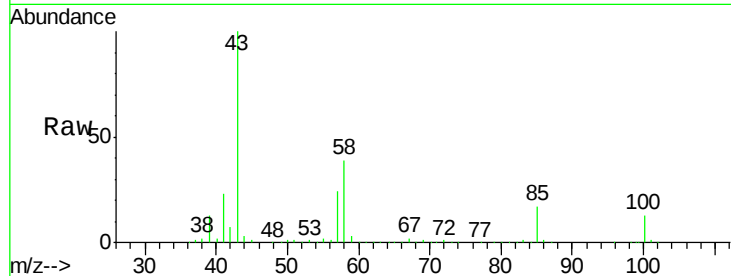
58 38.7 29.7 44.5

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

200000

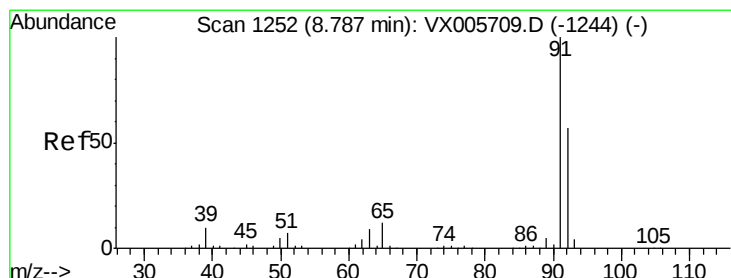
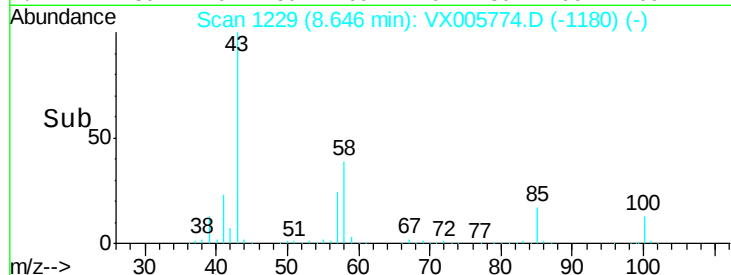
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 19.315 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005774.D

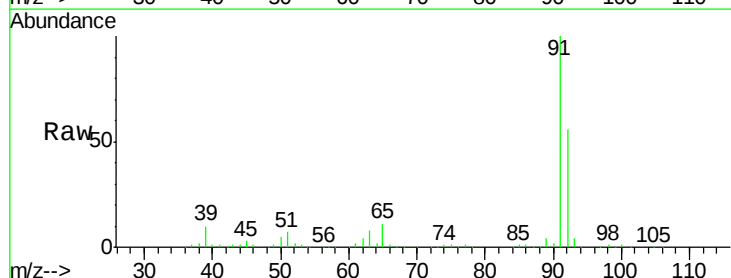
Acq: 05 Nov 2018 13:24

Tgt Ion: 92 Resp: 76389

Ion Ratio Lower Upper

92 100

91 178.0 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

100000

80000

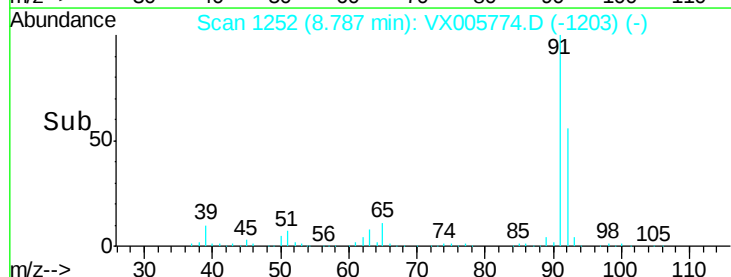
60000

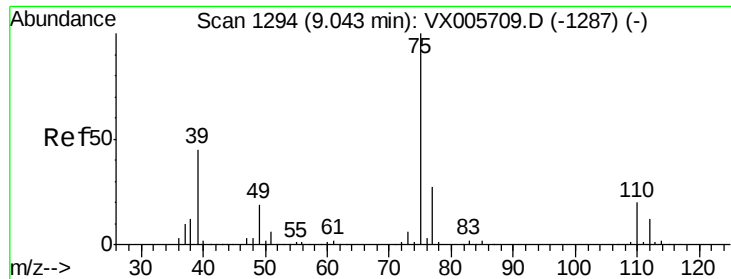
40000

20000

0

Time-->





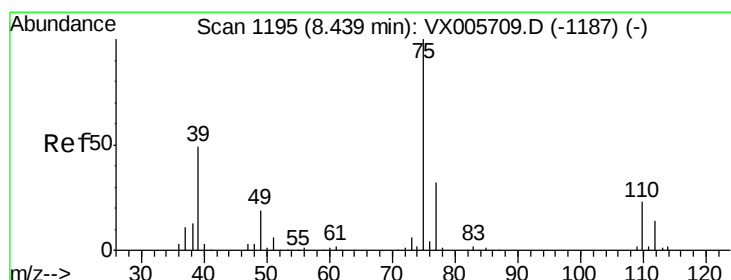
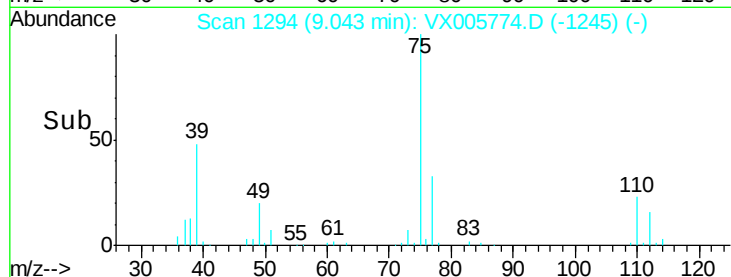
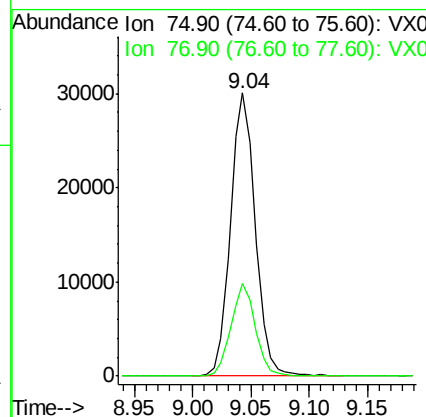
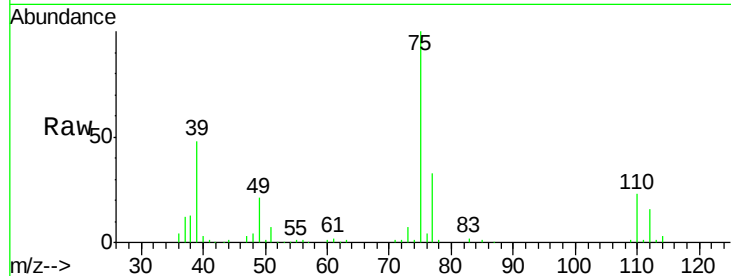
#53
 t-1,3-Dichloropropene
 Concen: 18.219 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX005774.D
 Acq: 05 Nov 2018 13:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1105MBS01

Tgt Ion: 75 Resp: 44349
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.4 38.2

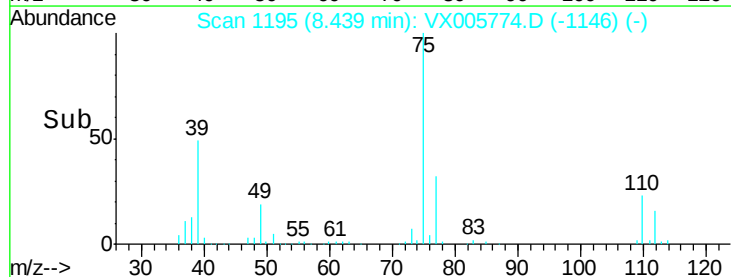
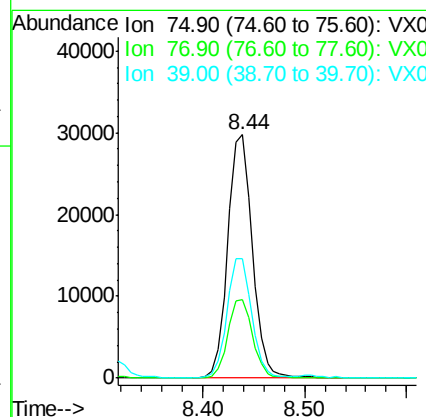
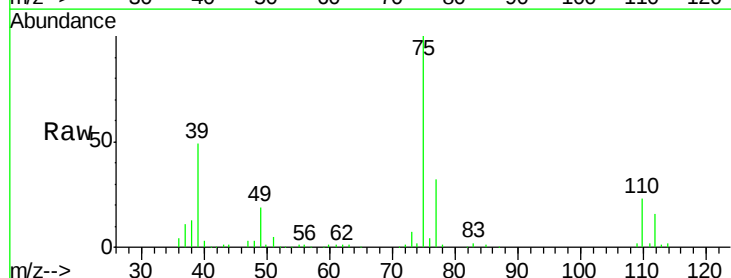
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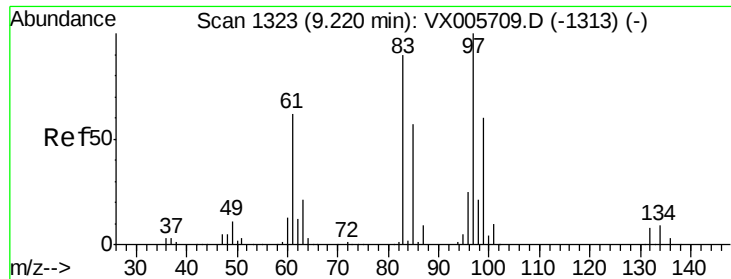
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#54
 cis-1,3-Dichloropropene
 Concen: 19.087 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: VX005774.D
 Acq: 05 Nov 2018 13:24

Tgt Ion: 75 Resp: 49779
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.2 37.8
 39 49.0 38.2 57.2





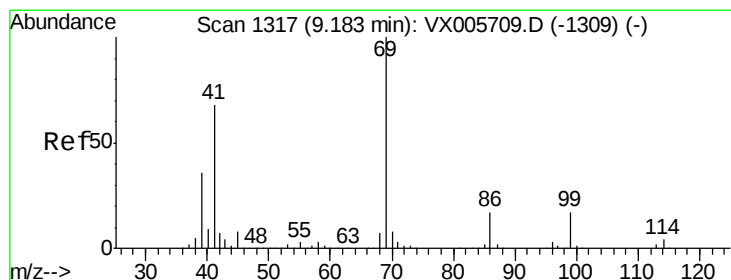
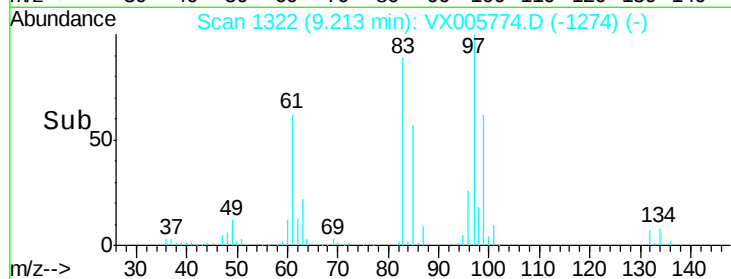
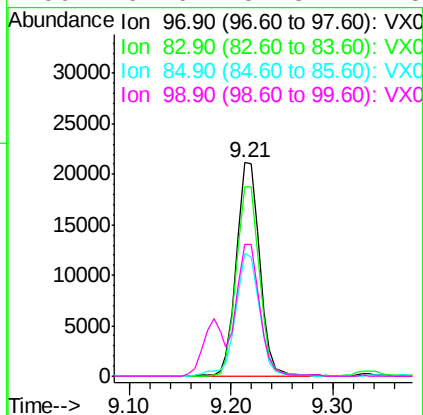
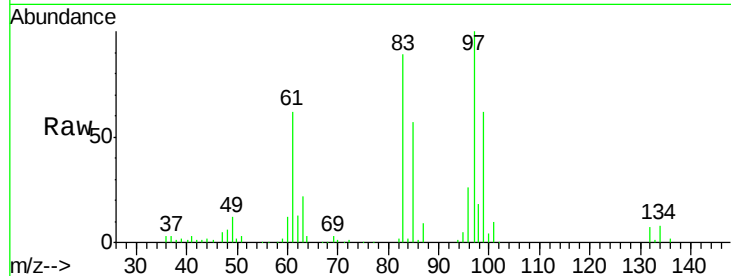
#55
 1,1,2-Trichloroethane
 Concen: 19.414 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: VX005774.D
 Acq: 05 Nov 2018 13:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1105MBS01

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	33345		
83	88.5	70.7	106.1	
85	57.4	45.8	68.6	
99	61.6	51.8	77.8	

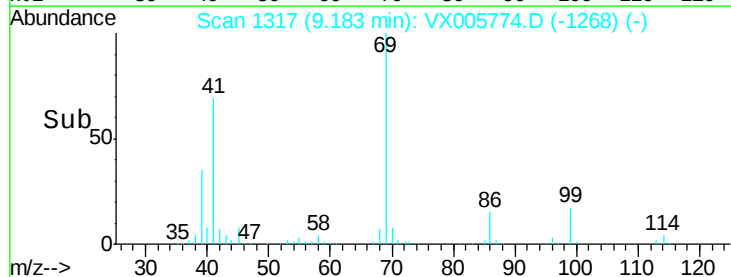
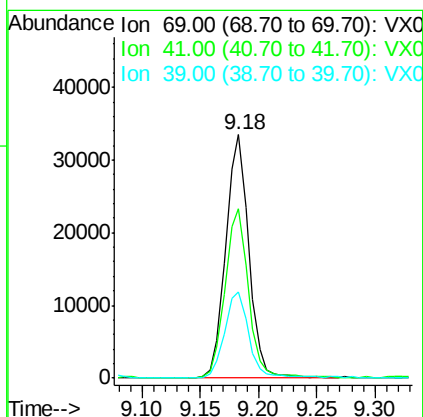
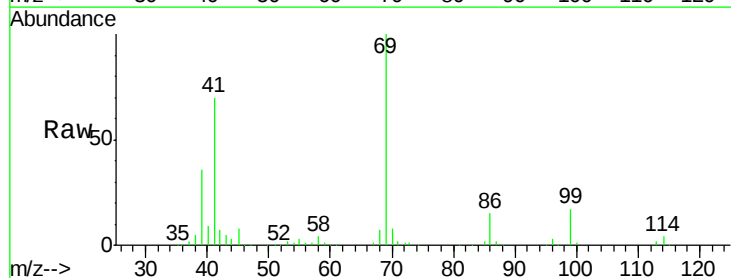
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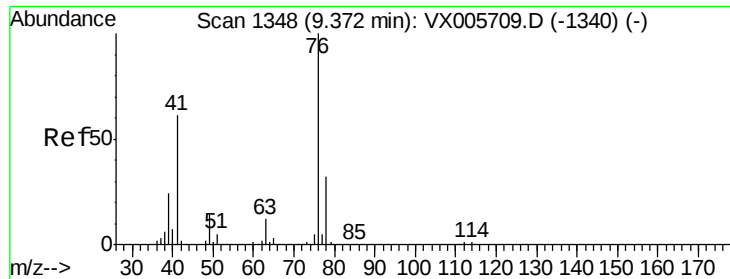
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#56
 Ethyl methacrylate
 Concen: 17.582 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX005774.D
 Acq: 05 Nov 2018 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	46348		
41	70.7	57.0	85.6	
39	36.3	28.3	42.5	





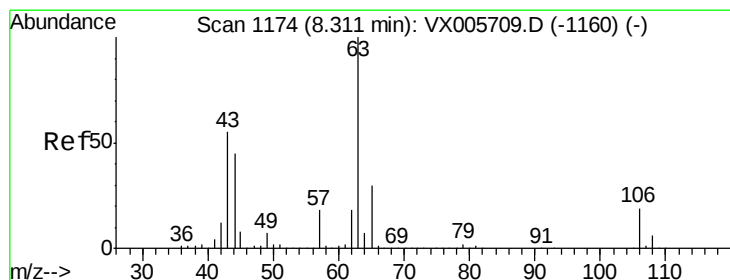
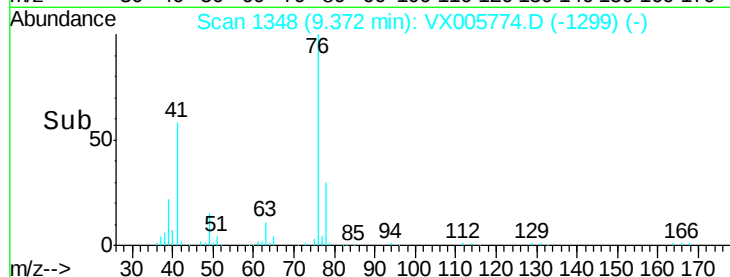
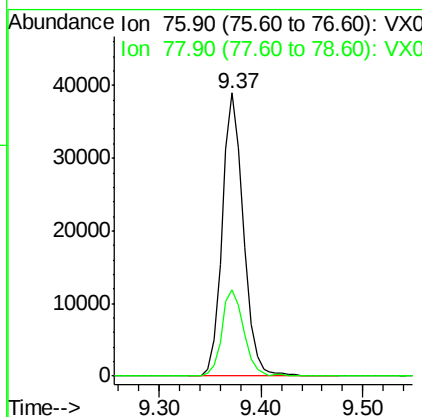
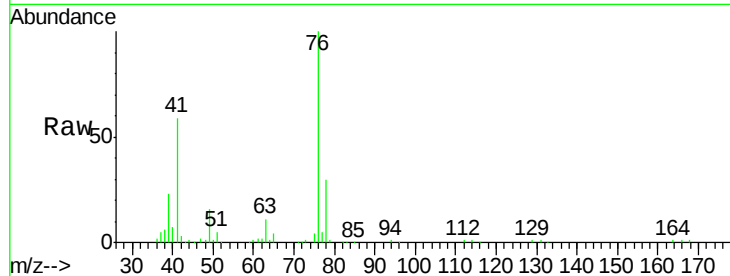
#57
 1,3-Dichloropropane
 Concen: 19.063 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX005774.D
 Acq: 05 Nov 2018 13:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1105MBS01

Tgt Ion: 76 Resp: 56244
 Ion Ratio Lower Upper
 76 100
 78 31.5 25.3 37.9

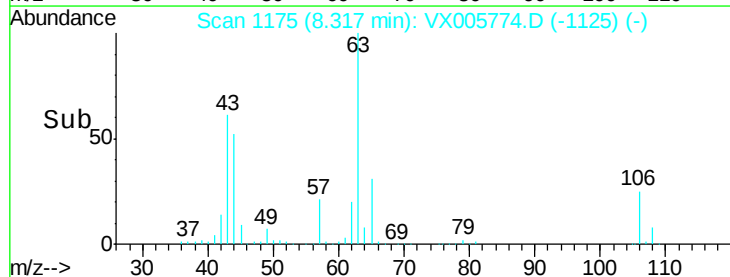
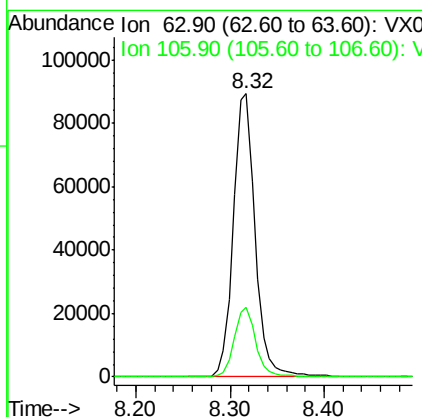
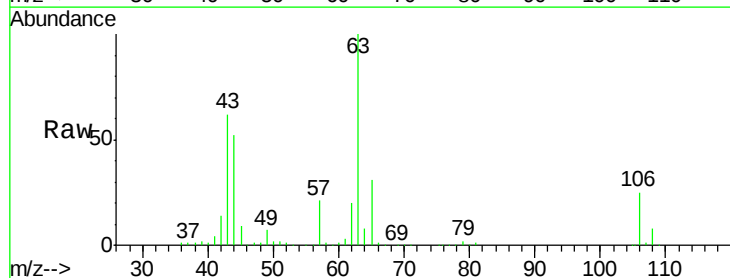
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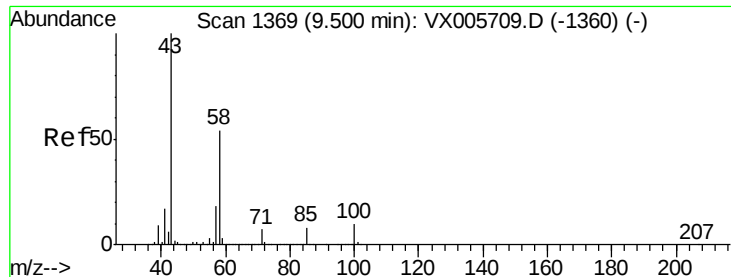
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#58
 2-Chloroethyl Vinyl ether
 Concen: 93.489 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: VX005774.D
 Acq: 05 Nov 2018 13:24

Tgt Ion: 63 Resp: 143630
 Ion Ratio Lower Upper
 63 100
 106 24.3 21.3 31.9





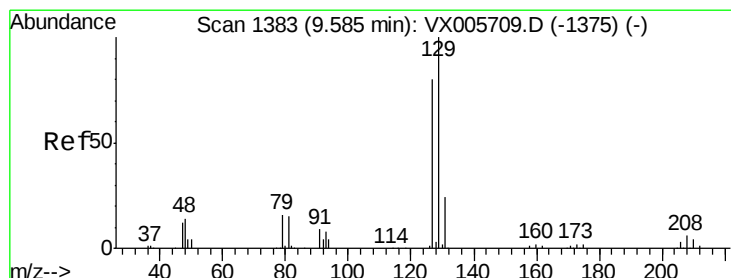
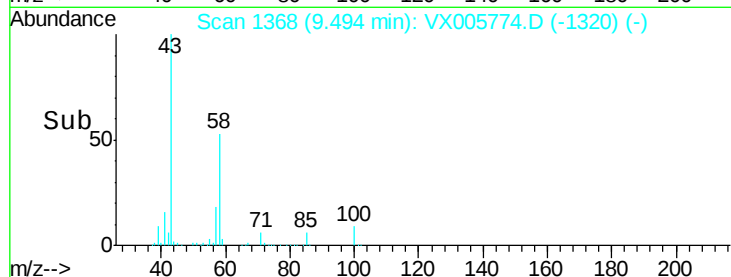
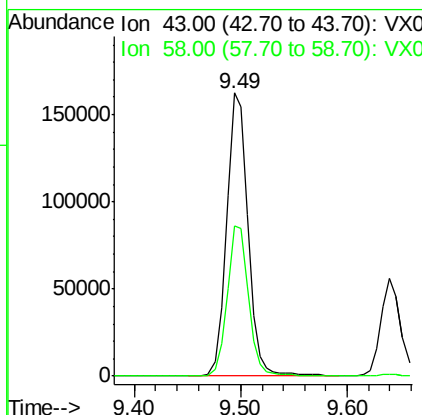
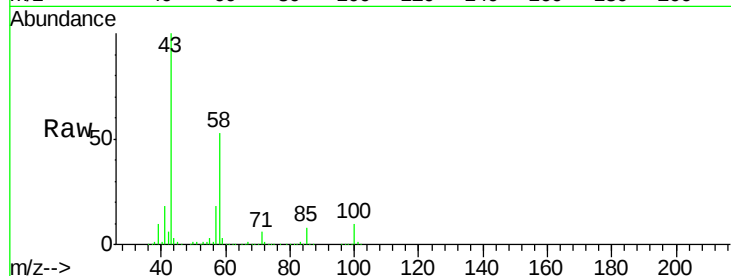
#59
2-Hexanone
Concen: 90.290 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005774.D
Acq: 05 Nov 2018 13:24

Instrument :
MSVOA_X
ClientSampleId :
VX1105MBS01

Tgt Ion: 43 Resp: 228018
Ion Ratio Lower Upper
43 100
58 53.3 25.9 77.8

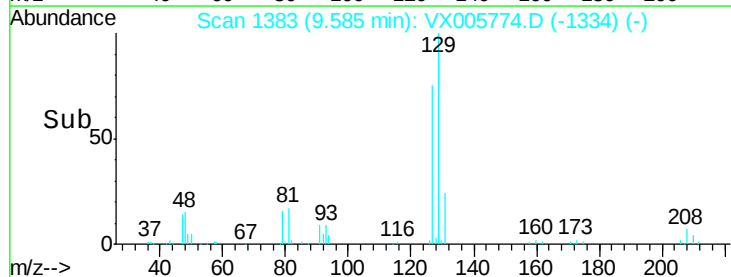
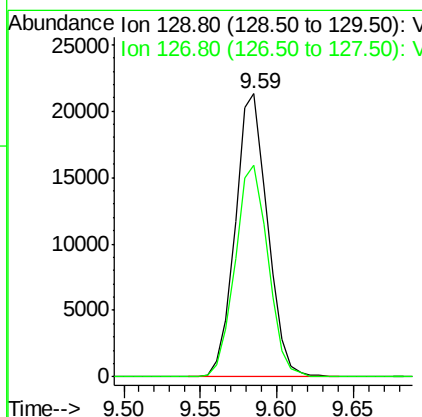
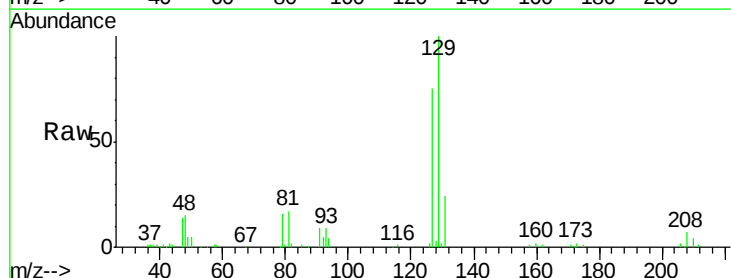
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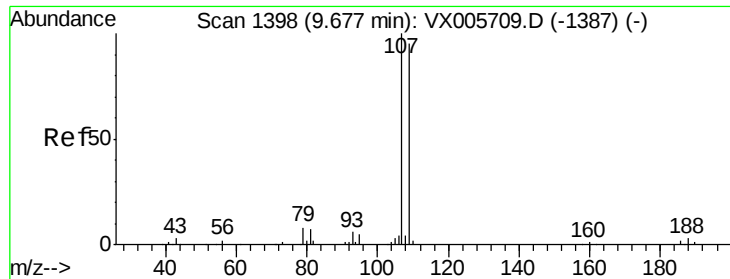
apatel
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#60
Dibromochloromethane
Concen: 18.766 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005774.D
Acq: 05 Nov 2018 13:24

Tgt Ion: 129 Resp: 31146
Ion Ratio Lower Upper
129 100
127 76.3 38.9 116.7





#61

1,2-Dibromoethane

Concen: 18.847 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.01 min

Lab File: VX005774.D

Acq: 05 Nov 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

VX1105MBS01

Tgt Ion: 107 Resp: 32986

Ion Ratio Lower Upper

107 100

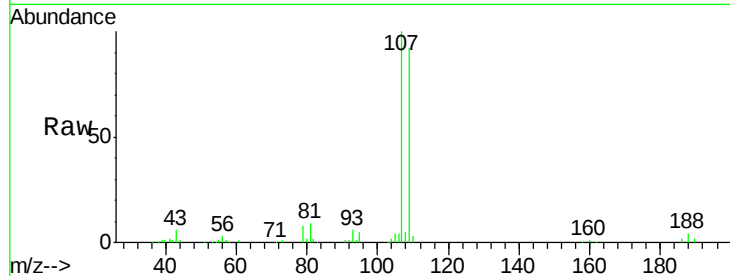
109 93.5 75.7 113.5

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

25000

20000

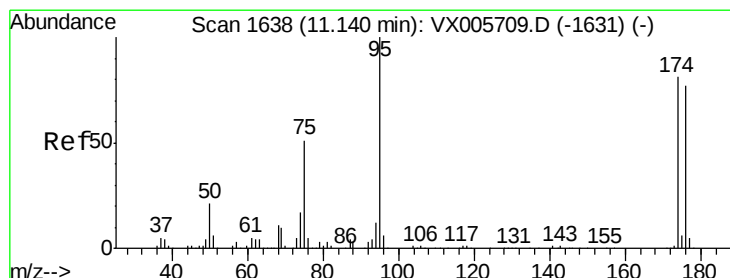
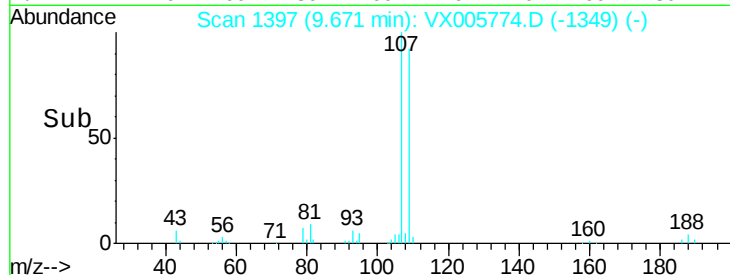
15000

10000

5000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.716 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005774.D

Acq: 05 Nov 2018 13:24

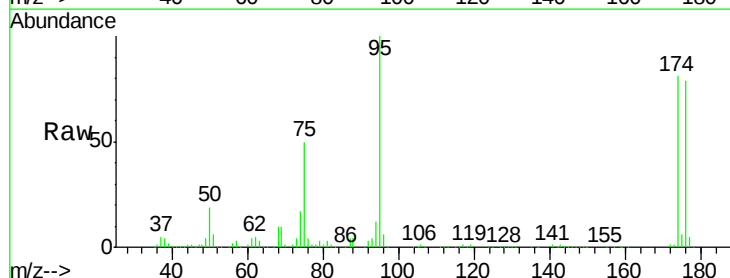
Tgt Ion: 95 Resp: 104860

Ion Ratio Lower Upper

95 100

174 78.8 0.0 184.4

176 75.4 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

100000

80000

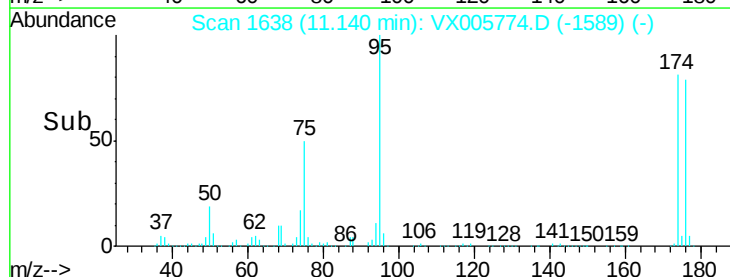
60000

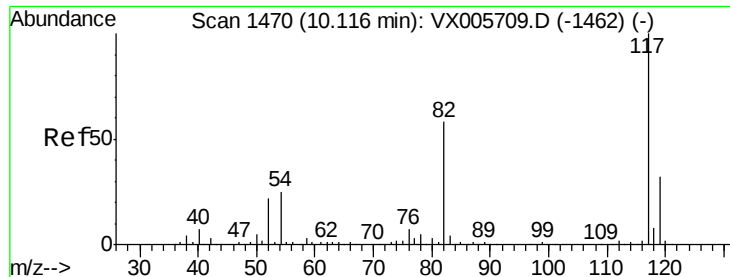
40000

20000

0

Time-->





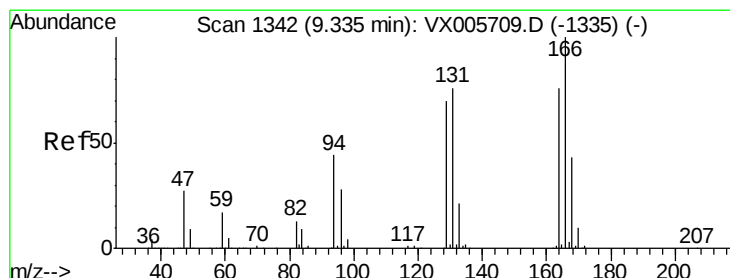
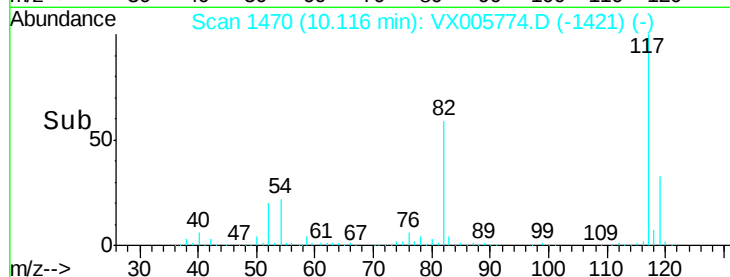
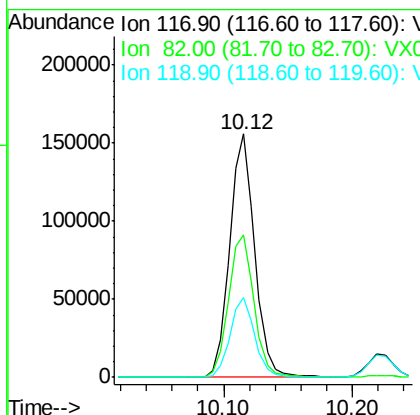
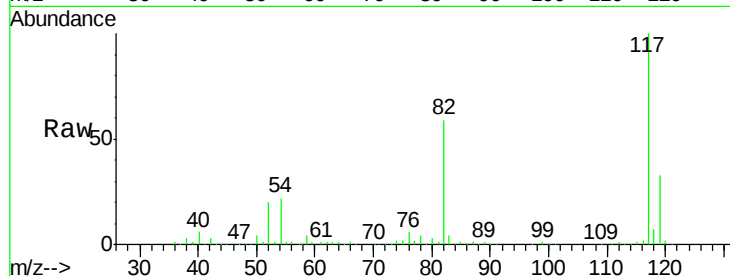
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005774.D
Acq: 05 Nov 2018 13:24

Instrument :
MSVOA_X
ClientSampleId :
VX1105MBS01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	211860		
82	58.6	44.1	66.1	
119	32.6	26.2	39.2	

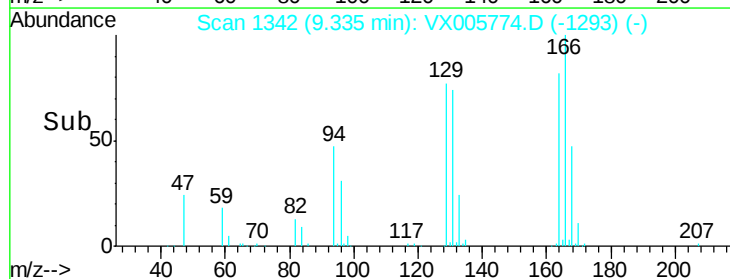
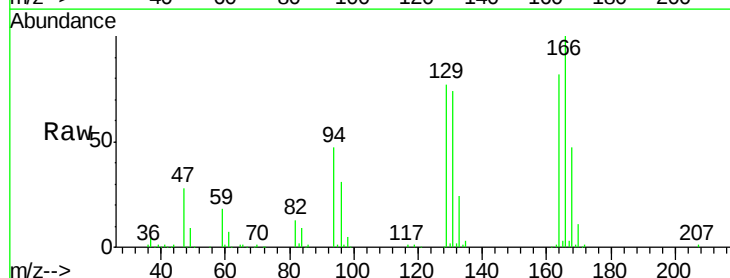
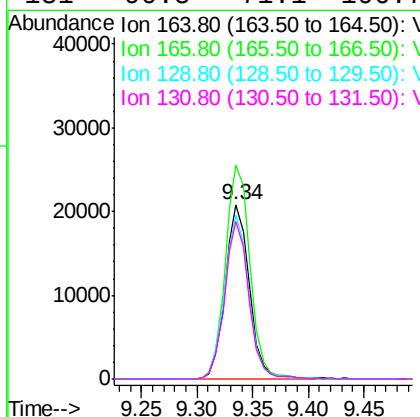
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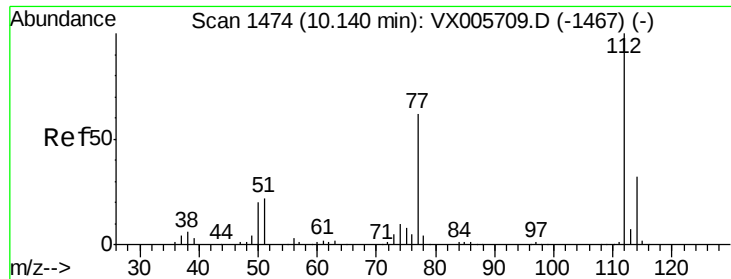
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#64
Tetrachloroethene
Concen: 20.272 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005774.D
Acq: 05 Nov 2018 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	31377		
166	122.3	101.9	152.9	
129	93.6	72.6	109.0	
131	90.5	71.1	106.7	





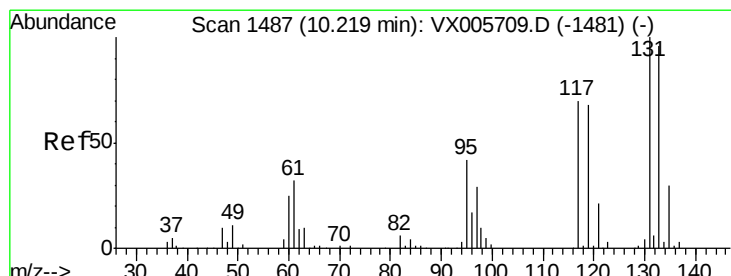
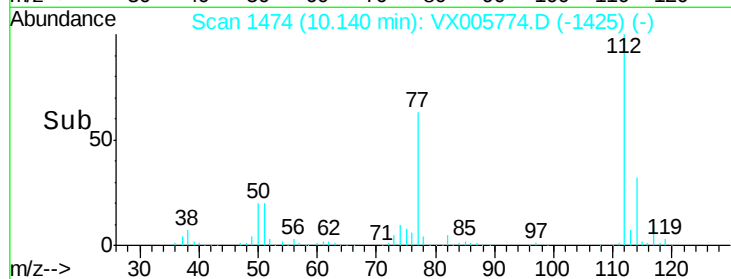
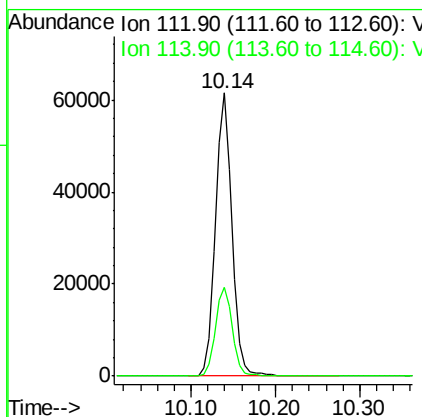
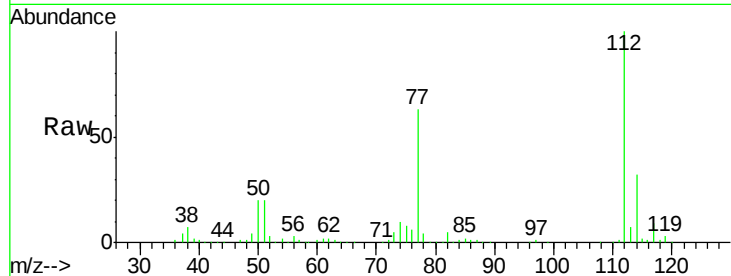
#65
Chlorobenzene
Concen: 18.614 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005774.D
Acq: 05 Nov 2018 13:24

Instrument :
MSVOA_X
ClientSampleId :
VX1105MBS01

Tgt Ion:112 Resp: 83802
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.6

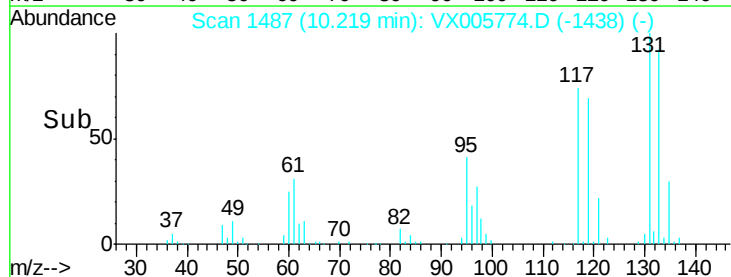
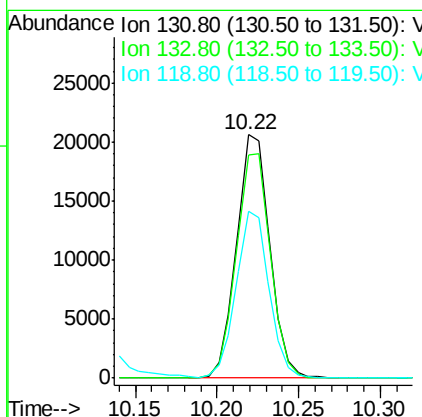
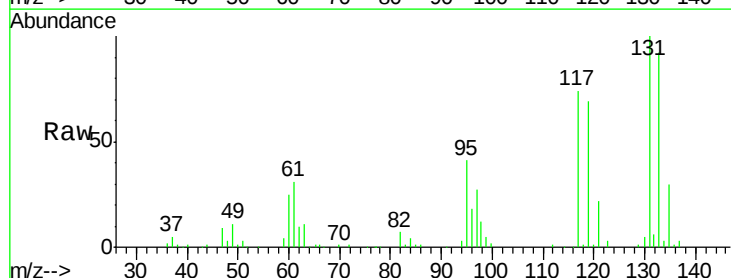
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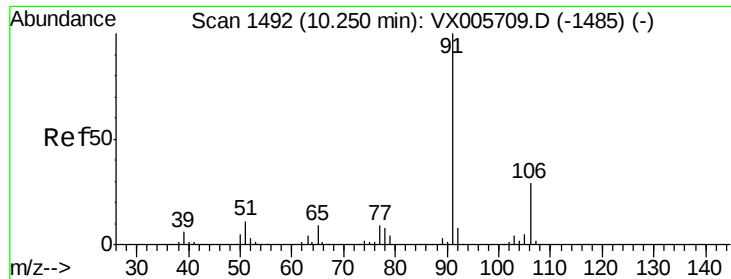
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.052 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX005774.D
Acq: 05 Nov 2018 13:24

Tgt Ion:131 Resp: 29363
Ion Ratio Lower Upper
131 100
133 94.2 47.5 142.5
119 68.0 31.8 95.3





#67

Ethyl Benzene

Concen: 18.564 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX005774.D

Acq: 05 Nov 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

VX1105MBS01

Tgt Ion: 91 Resp: 142637

Ion Ratio Lower Upper

91 100

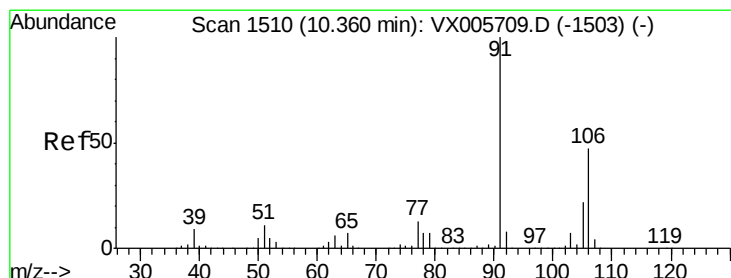
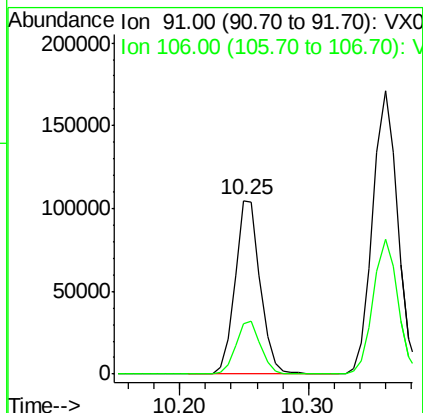
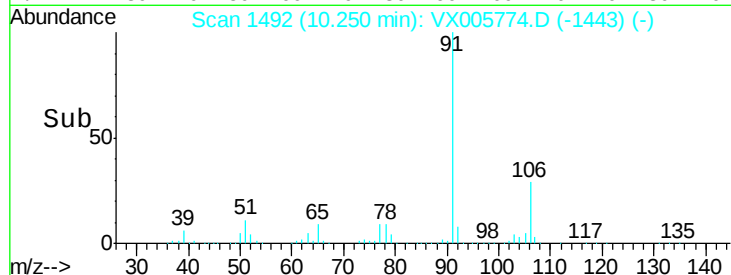
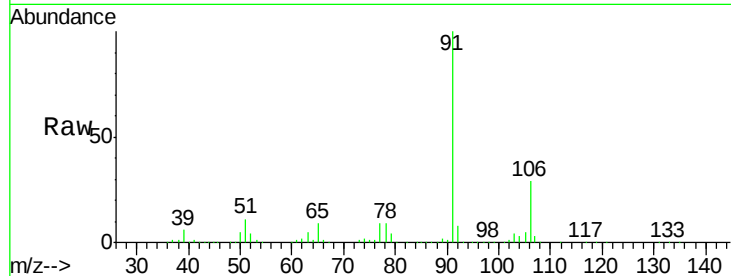
106 29.4 24.4 36.6

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#68

m/p-Xylenes

Concen: 38.154 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX005774.D

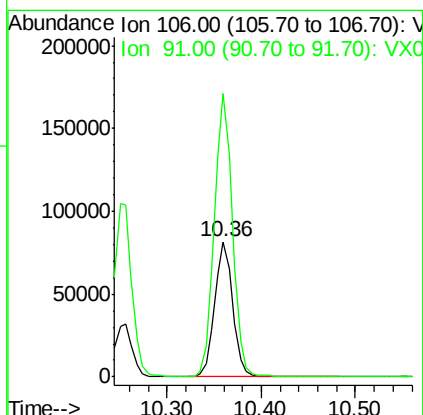
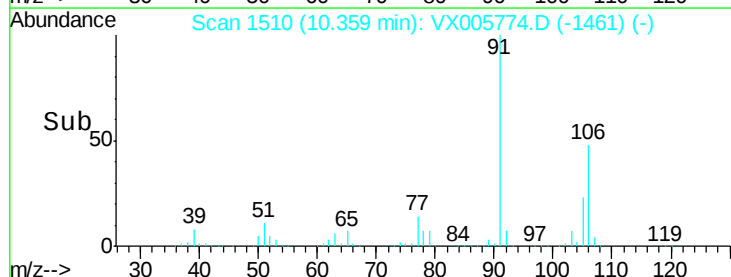
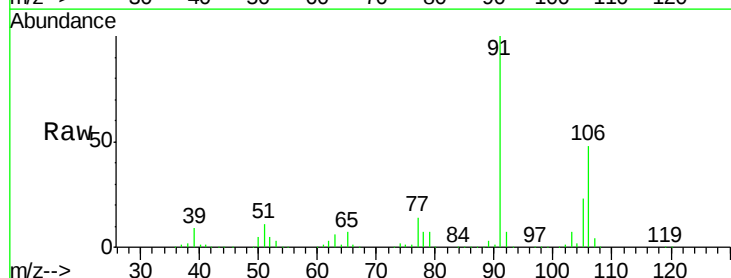
Acq: 05 Nov 2018 13:24

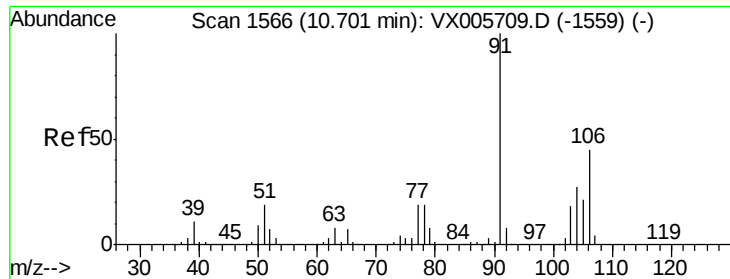
Tgt Ion: 106 Resp: 108933

Ion Ratio Lower Upper

106 100

91 209.4 164.2 246.4





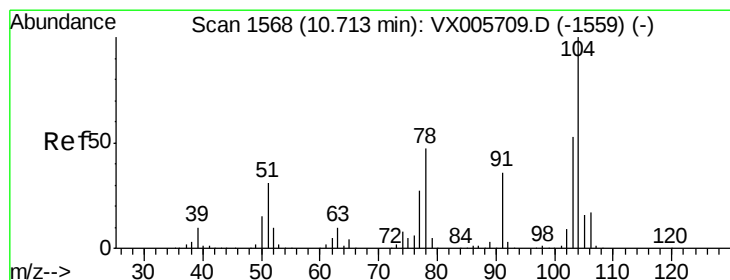
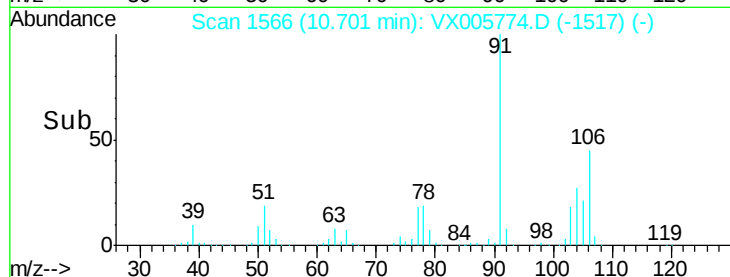
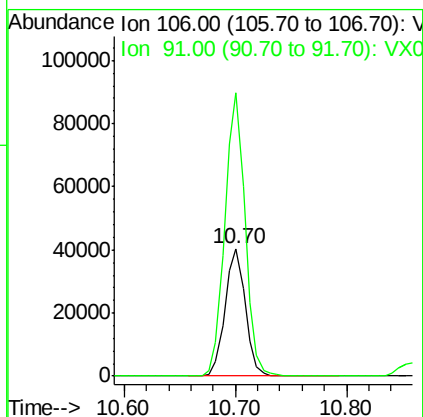
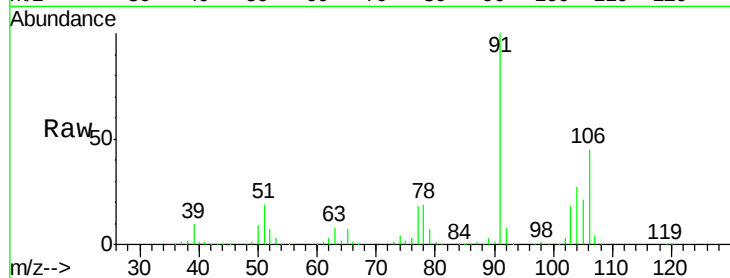
#69
o-Xylene
Concen: 18.599 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005774.D
Acq: 05 Nov 2018 13:24

Instrument :
MSVOA_X
ClientSampleId :
VX1105MBS01

Tgt Ion:106 Resp: 50788
Ion Ratio Lower Upper
106 100
91 222.2 108.5 325.5

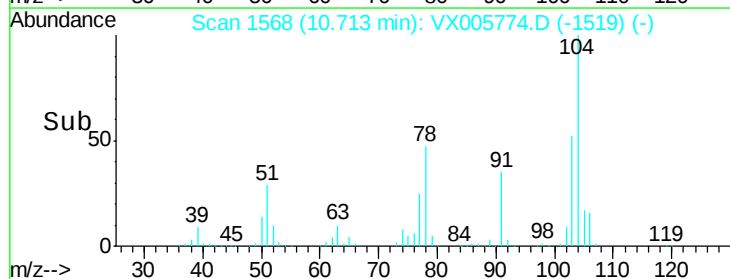
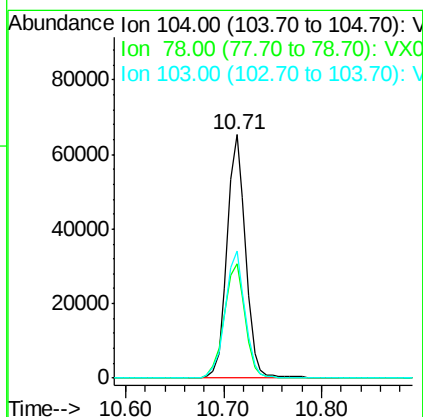
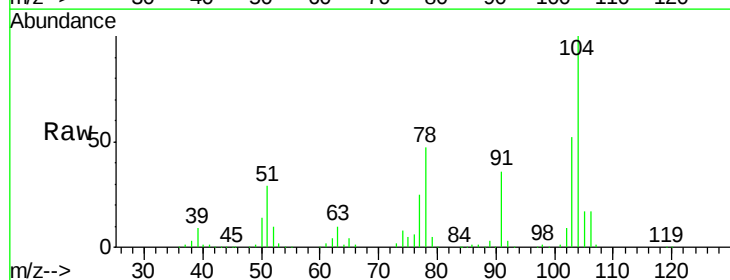
Manual Integrations
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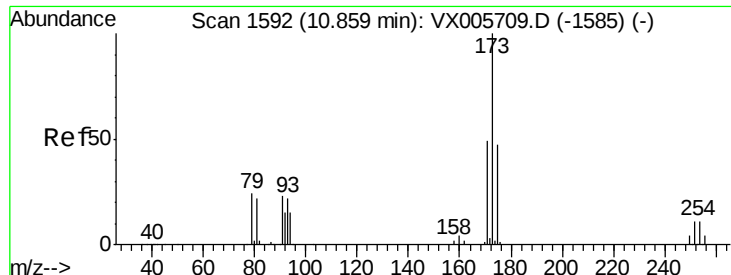
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#70
Styrene
Concen: 19.023 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005774.D
Acq: 05 Nov 2018 13:24

Tgt Ion:104 Resp: 86275
Ion Ratio Lower Upper
104 100
78 53.1 40.2 60.4
103 56.0 44.9 67.3





#71

Bromoform

Concen: 18.504 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005774.D

Acq: 05 Nov 2018 13:24

Instrument :

MSVOA_X

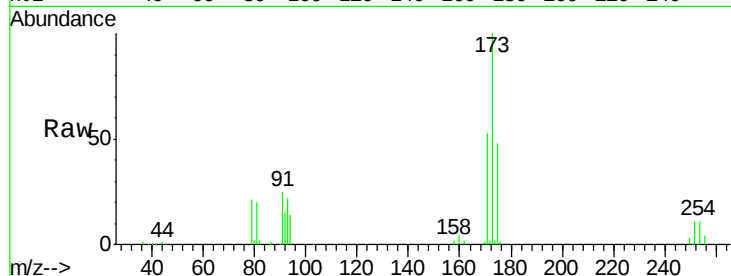
ClientSampleId :

VX1105MBS01

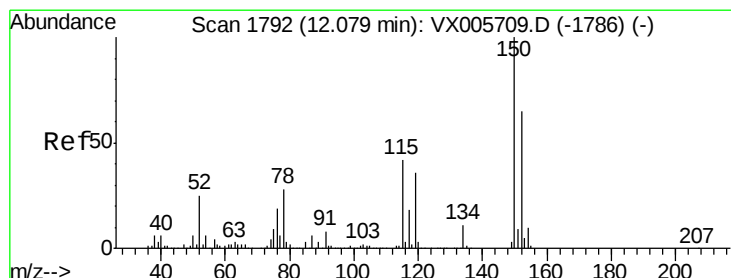
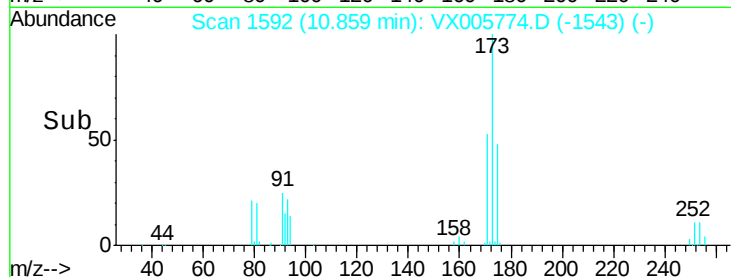
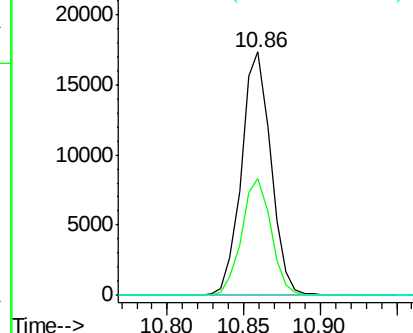
Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.9	24.8	74.3
254	0.0	0.2	0.2

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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

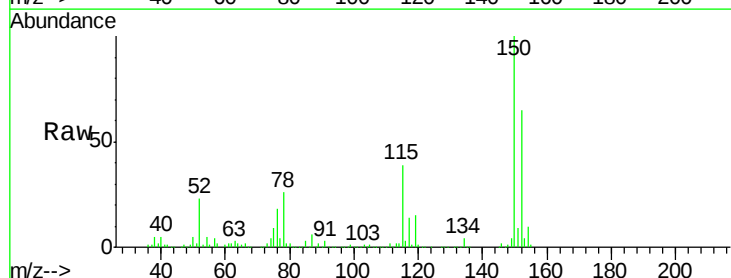
RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

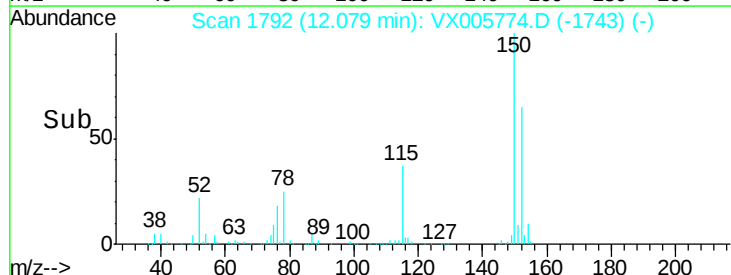
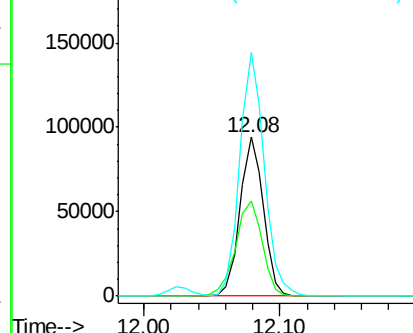
Lab File: VX005774.D

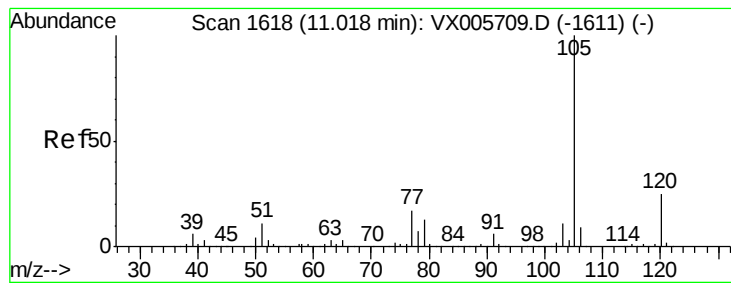
Acq: 05 Nov 2018 13:24

Tgt Ion	Ratio	Lower	Upper
152	100		
115	68.4	39.4	118.1
150	161.4	0.0	346.4



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: 19.040 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005774.D

Acq: 05 Nov 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

VX1105MBS01

Tgt Ion: 105 Resp: 141134

Ion Ratio Lower Upper

105 100

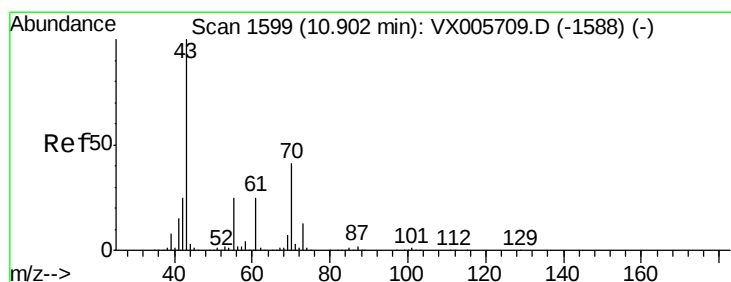
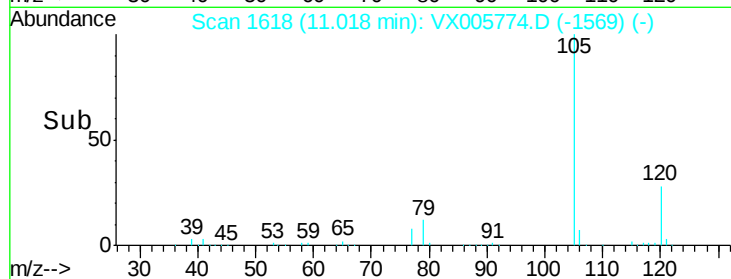
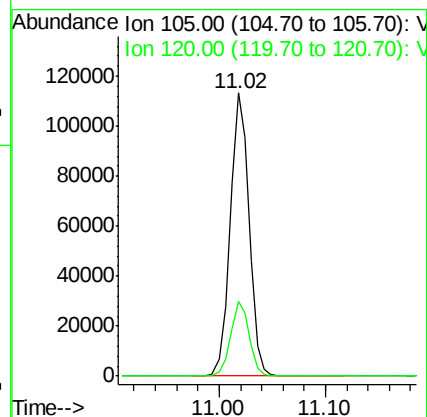
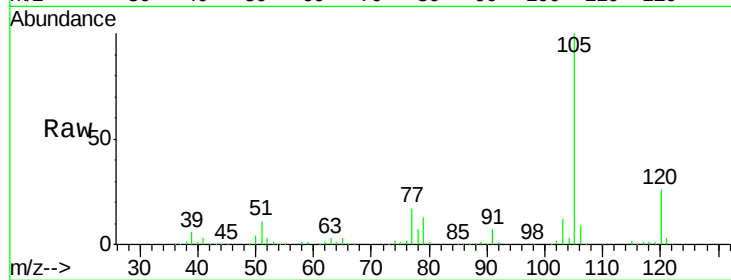
120 25.8 13.1 39.3

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#74

N-ethyl acetate

Concen: 17.172 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.01 min

Lab File: VX005774.D

Acq: 05 Nov 2018 13:24

Tgt Ion: 43 Resp: 67769

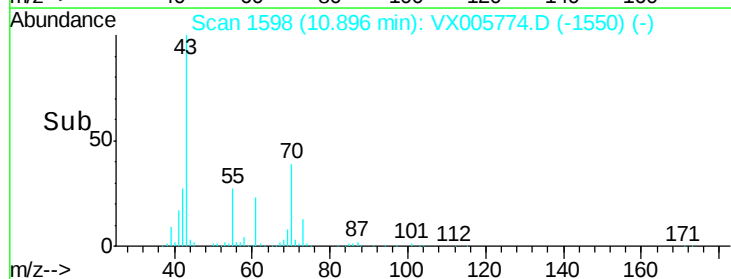
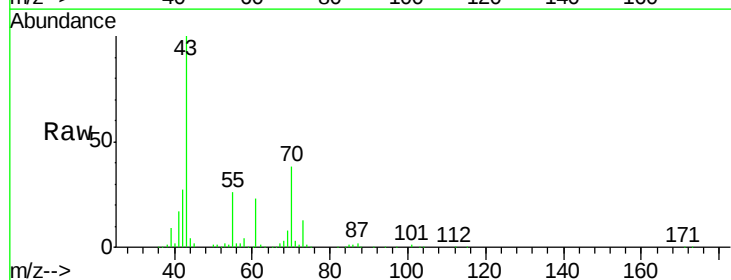
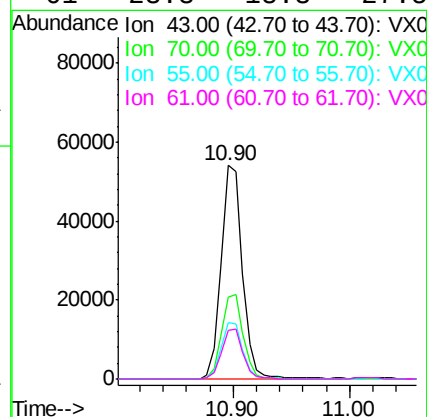
Ion Ratio Lower Upper

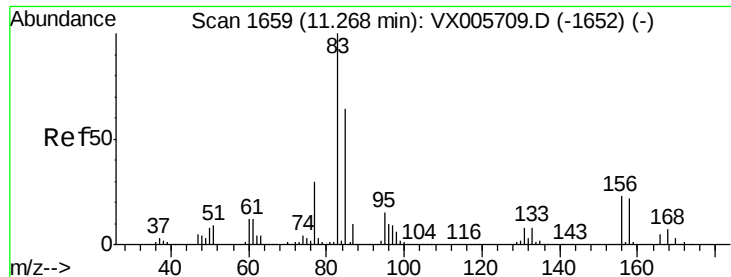
43 100

70 40.1 31.6 47.4

55 27.3 19.7 29.5

61 23.3 18.3 27.5





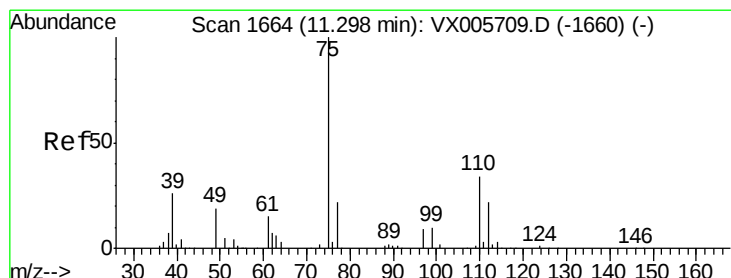
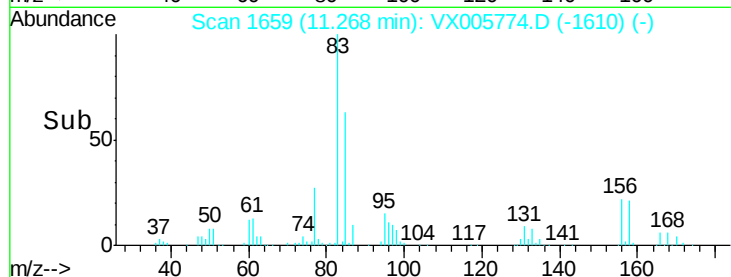
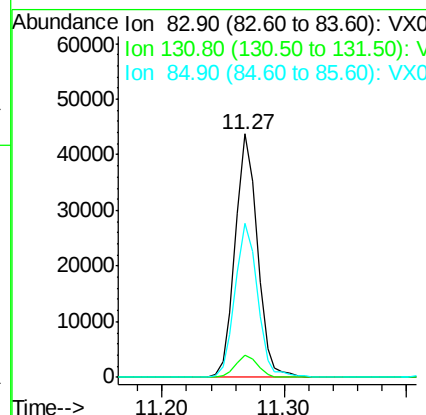
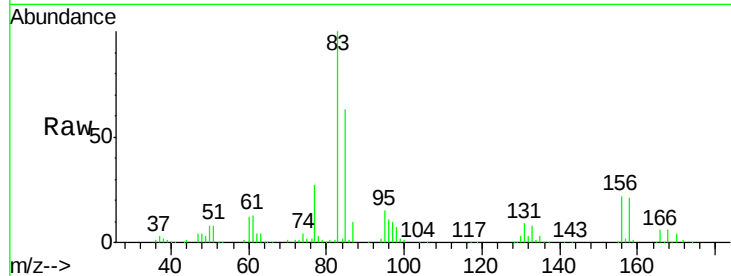
#75
 1,1,2,2-Tetrachloroethane
 Concen: 17.851 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX005774.D
 Acq: 05 Nov 2018 13:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1105MBS01

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	54896		
131	9.2	5.3	15.9	
85	63.9	32.0	96.2	

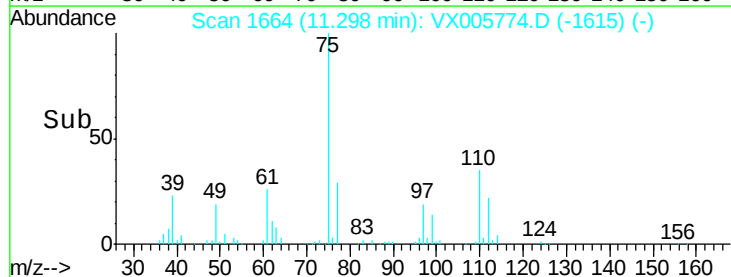
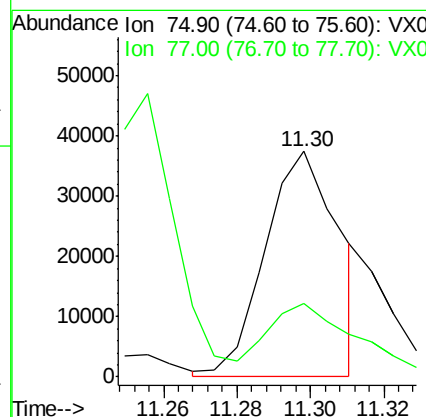
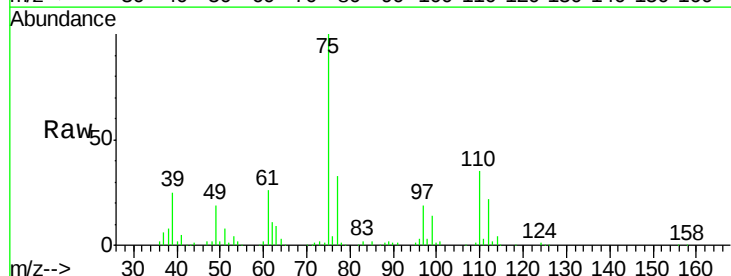
Manual Integrations
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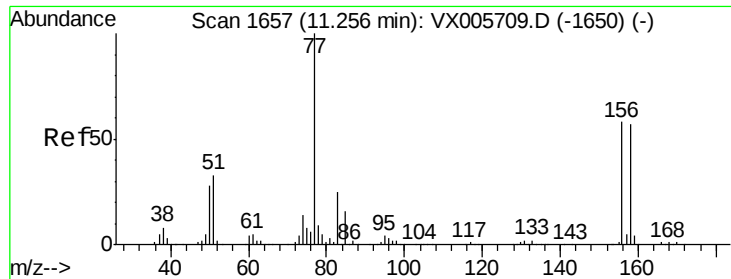
apatel
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#76
 1,2,3-Trichloropropane
 Concen: 18.686 ug/l m
 RT: 11.30 min Scan# 1664
 Delta R.T. -0.00 min
 Lab File: VX005774.D
 Acq: 05 Nov 2018 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	52288		
77	39.4	20.5	61.6	





#77

Bromobenzene

Concen: 18.939 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005774.D

Acq: 05 Nov 2018 13:24

Instrument :

MSVOA_X

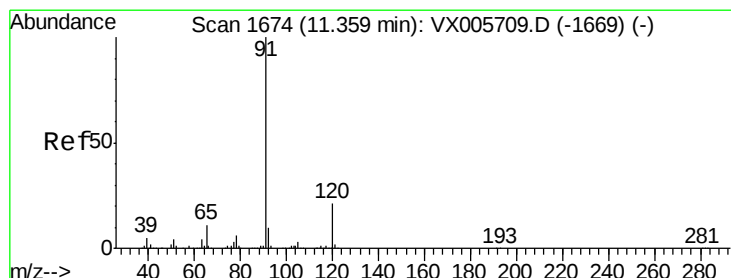
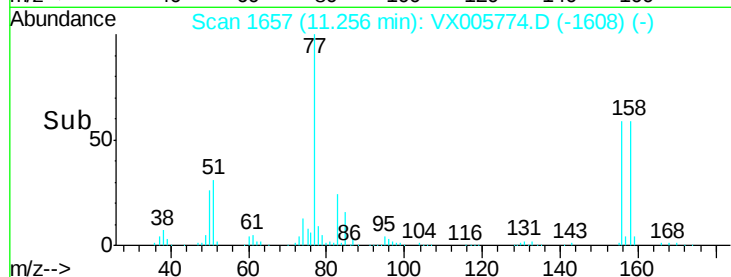
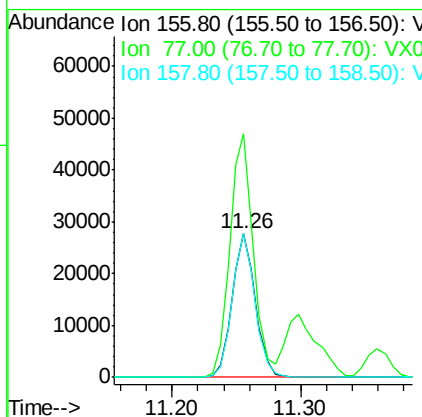
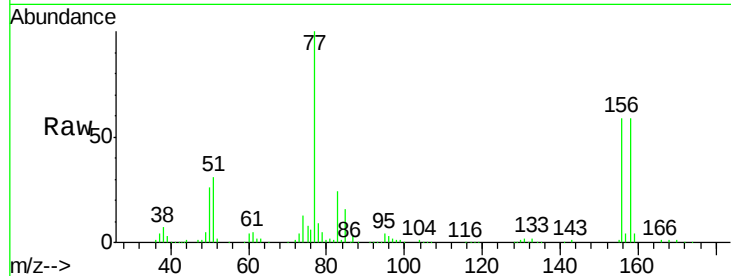
ClientSampleId :

VX1105MBS01

Tgt Ion	Ratio	Lower	Upper
156	100		
77	172.4	74.8	224.4
158	98.4	49.1	147.3

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#78

n-propylbenzene

Concen: 19.065 ug/l

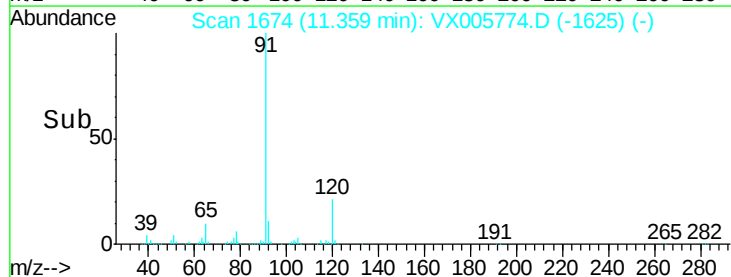
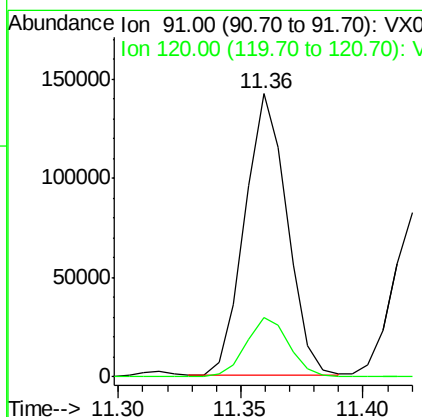
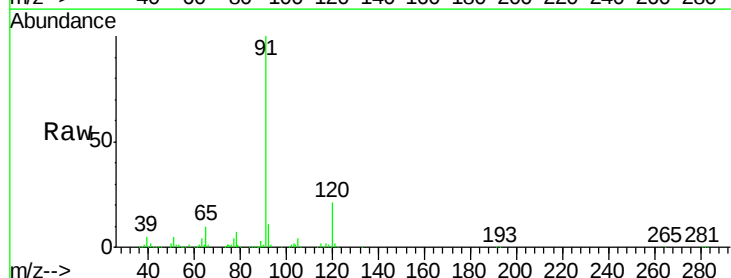
RT: 11.36 min Scan# 1674

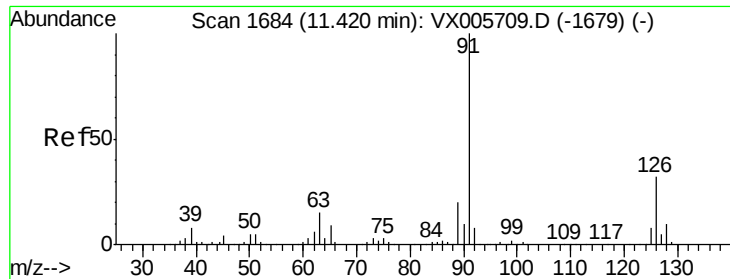
Delta R.T. -0.00 min

Lab File: VX005774.D

Acq: 05 Nov 2018 13:24

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.7	11.9	35.5





#79

2-Chlorotoluene

Concen: 18.896 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX005774.D

Acq: 05 Nov 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

VX1105MBS01

Tgt Ion: 91 Resp: 101764

Ion Ratio Lower Upper

91 100

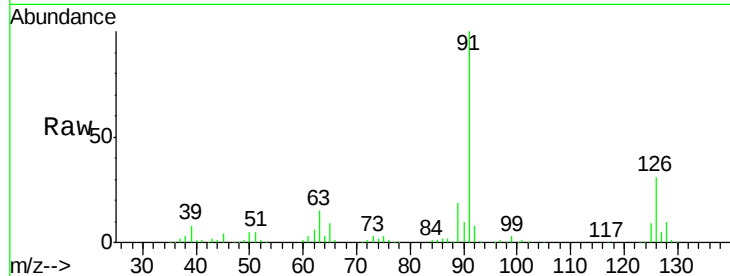
126 32.7 17.3 52.0

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Abundance Ion 91.00 (90.70 to 91.70): VX005709.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX005709.D (-1679) (-)

150000

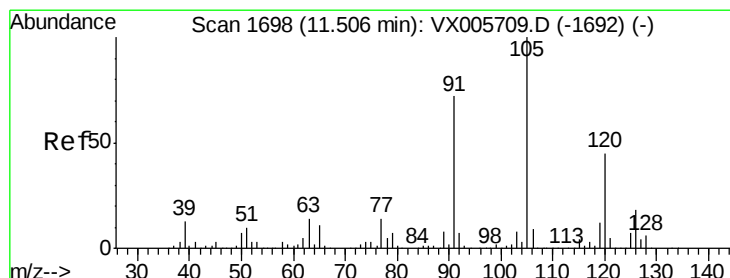
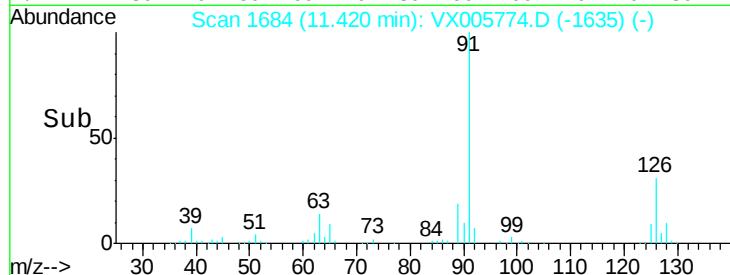
100000

50000

0

11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.158 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX005774.D

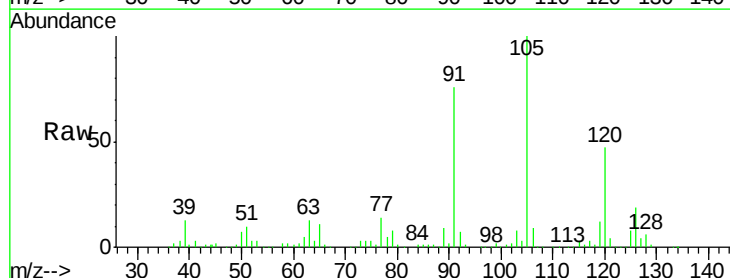
Acq: 05 Nov 2018 13:24

Tgt Ion: 105 Resp: 120578

Ion Ratio Lower Upper

105 100

120 47.1 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VX005709.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX005709.D (-1692) (-)

120000

100000

80000

60000

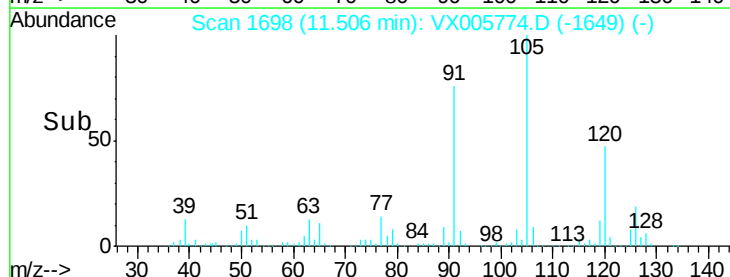
40000

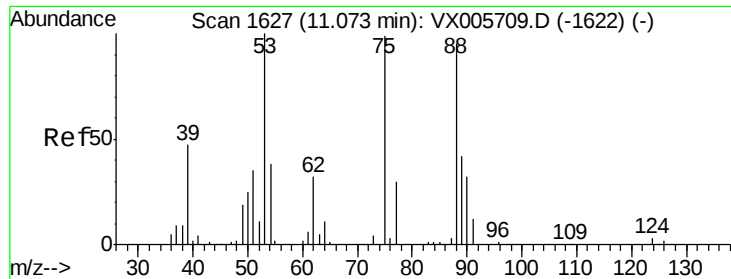
20000

0

11.45 11.50 11.55

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 18.051 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX005774.D

Acq: 05 Nov 2018 13:24

Instrument :

MSVOA_X

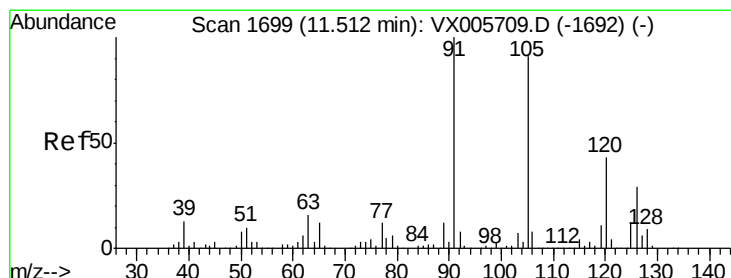
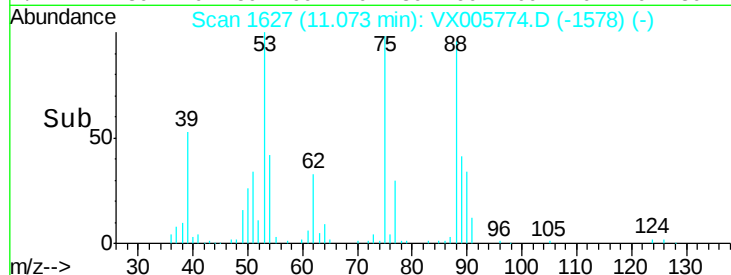
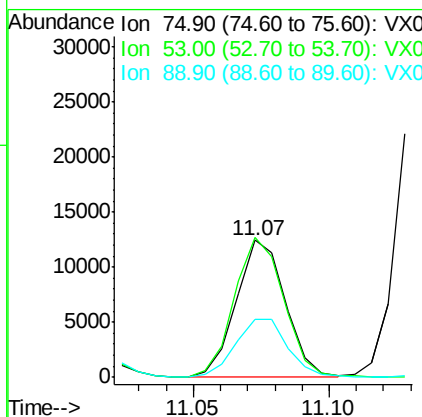
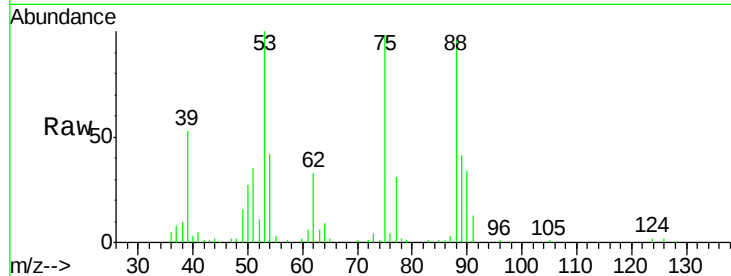
ClientSampleId :

VX1105MBS01

Tgt Ion	Ratio	Lower	Upper
75	100		
53	101.6	80.2	120.2
89	45.1	39.8	59.8

Manual Integrations
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#82

4-Chlorotoluene

Concen: 18.687 ug/l

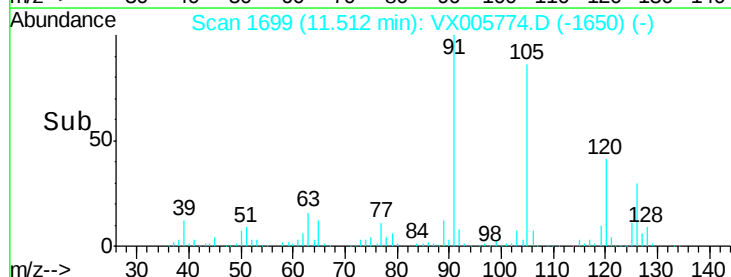
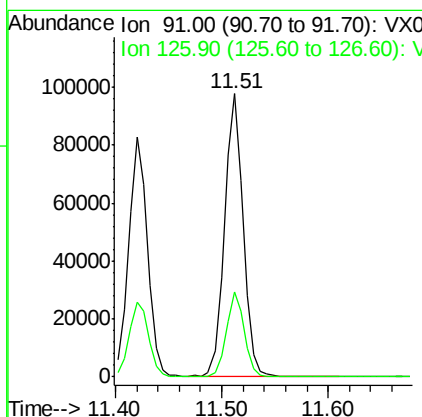
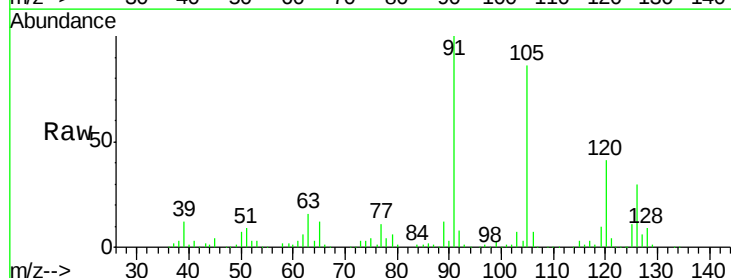
RT: 11.51 min Scan# 1699

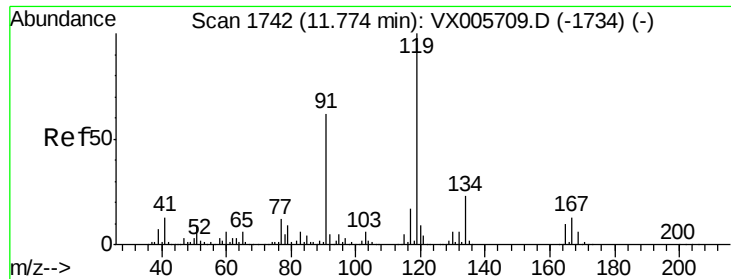
Delta R.T. -0.00 min

Lab File: VX005774.D

Acq: 05 Nov 2018 13:24

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.0	15.2	45.6





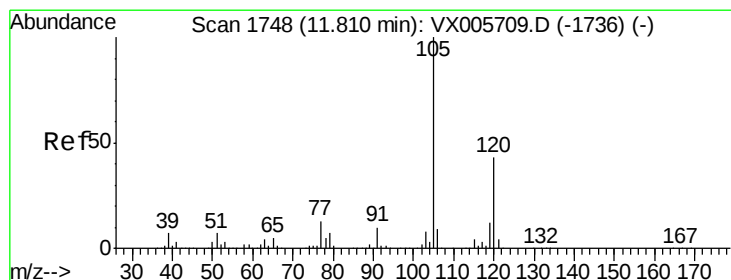
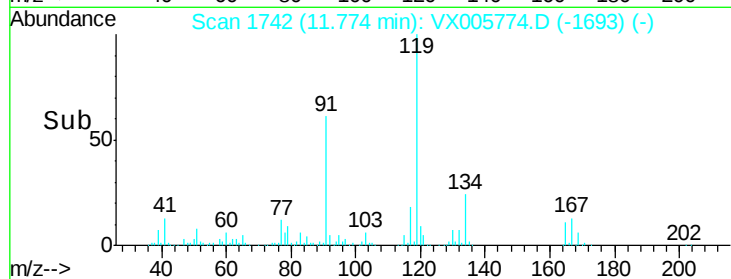
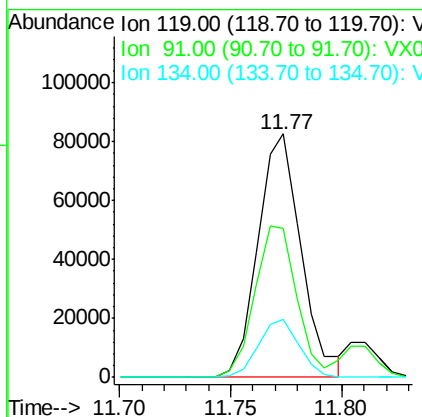
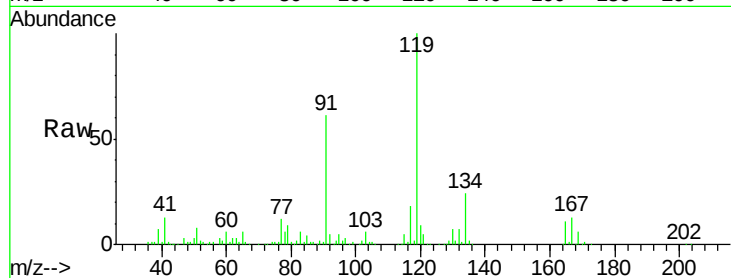
#83
 tert-Butylbenzene
 Concen: 18.528 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX005774.D
 Acq: 05 Nov 2018 13:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1105MBS01

Tgt Ion	Ratio	Lower	Upper
119	100		
91	60.5	28.5	85.5
134	22.7	11.3	33.8

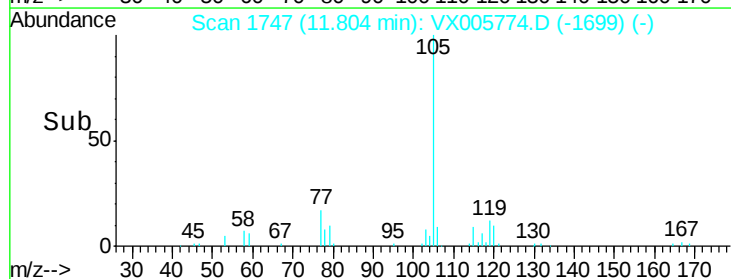
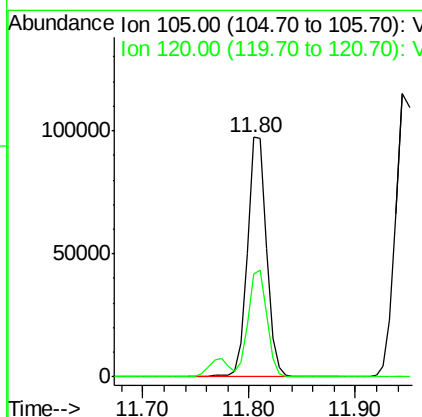
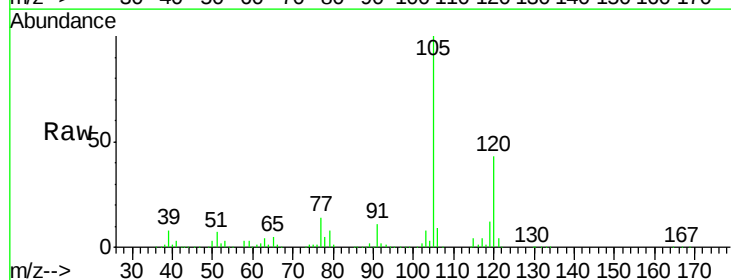
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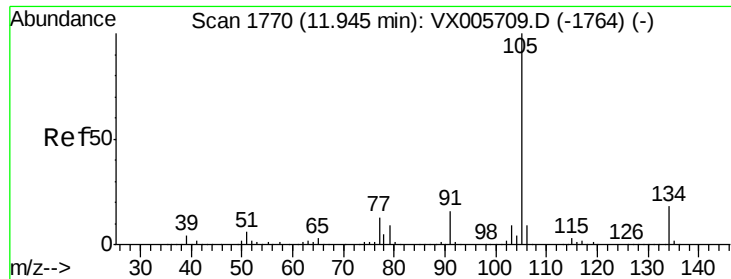
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.401 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.01 min
 Lab File: VX005774.D
 Acq: 05 Nov 2018 13:24

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.8	22.4	67.0





#85

sec-Butylbenzene

Concen: 18.722 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005774.D

Acq: 05 Nov 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

VX1105MBS01

Tgt Ion:105 Resp: 144222

Ion Ratio Lower Upper

105 100

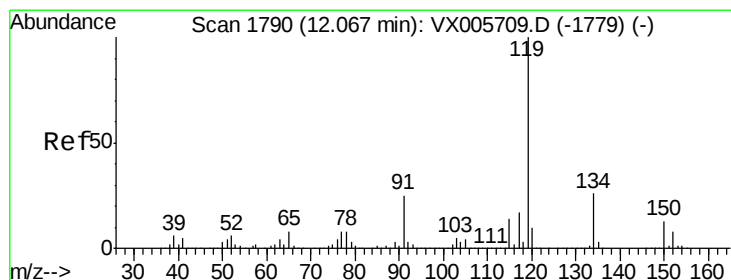
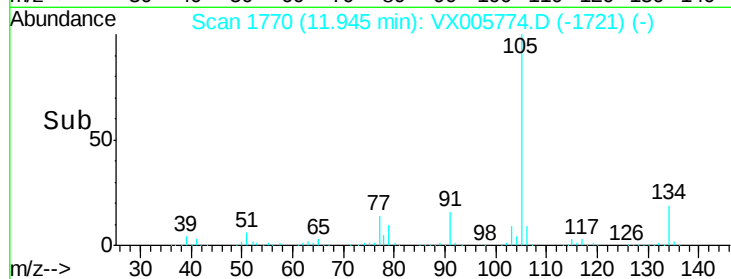
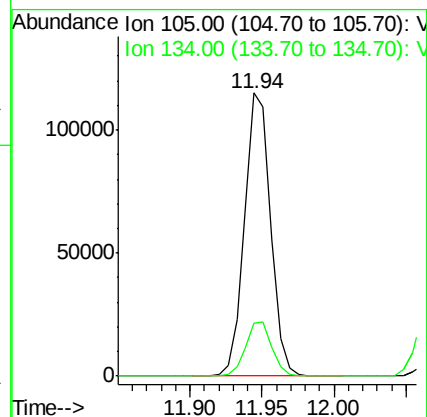
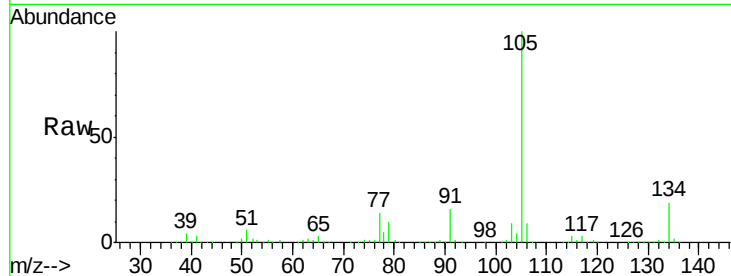
134 19.2 10.2 30.4

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#86

p-Isopropyltoluene

Concen: 18.985 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005774.D

Acq: 05 Nov 2018 13:24

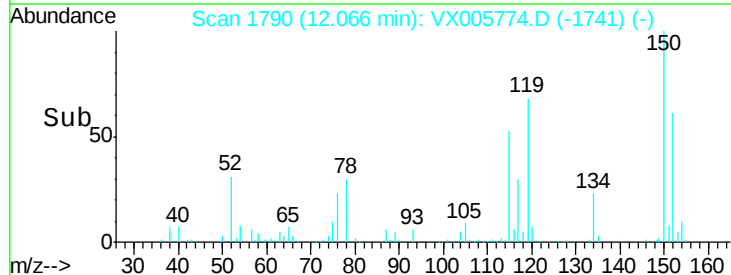
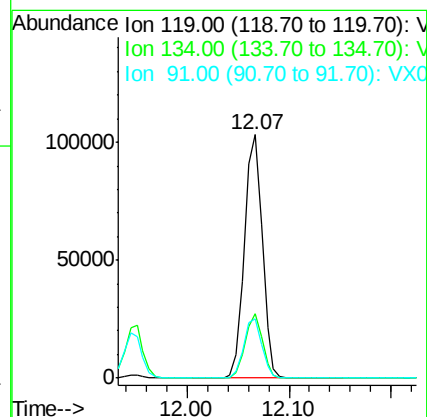
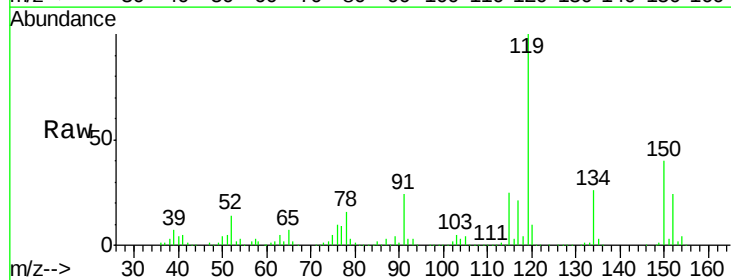
Tgt Ion:119 Resp: 124379

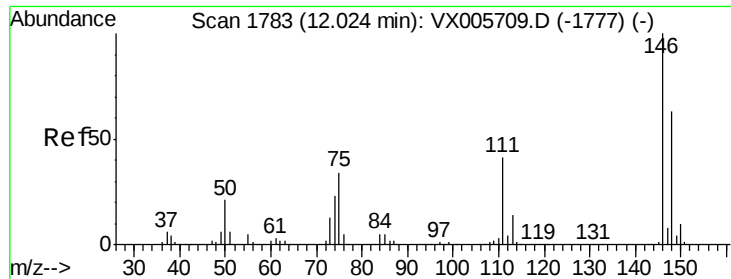
Ion Ratio Lower Upper

119 100

134 25.5 13.0 39.0

91 24.8 11.4 34.2





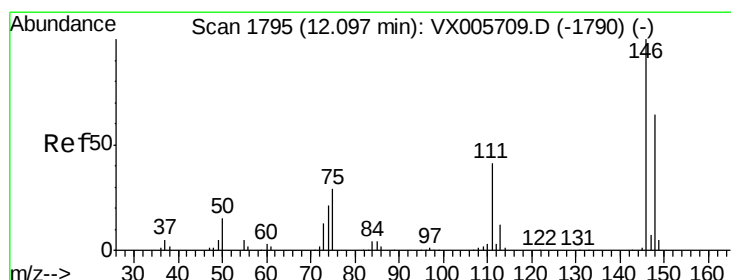
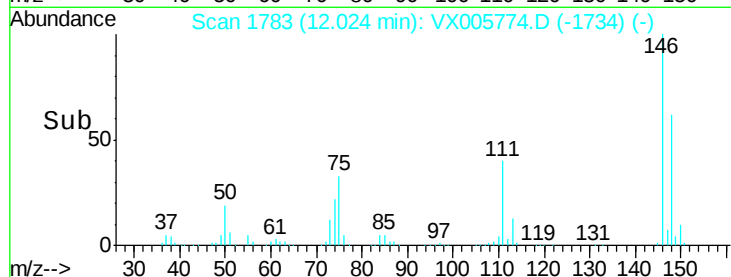
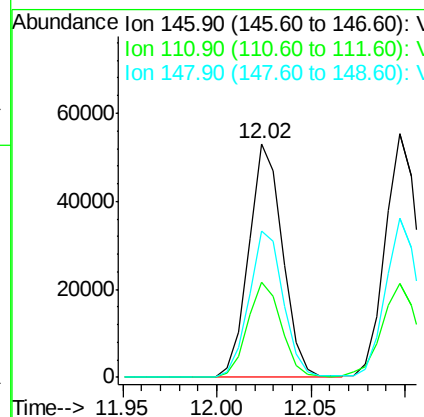
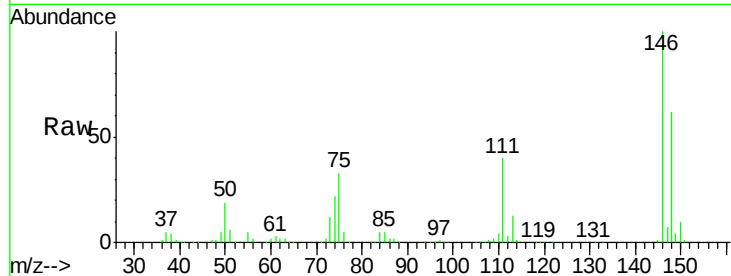
#87
 1,3-Dichlorobenzene
 Concen: 18.567 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005774.D
 Acq: 05 Nov 2018 13:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1105MBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.5	19.0	57.0
148	63.4	31.9	95.9

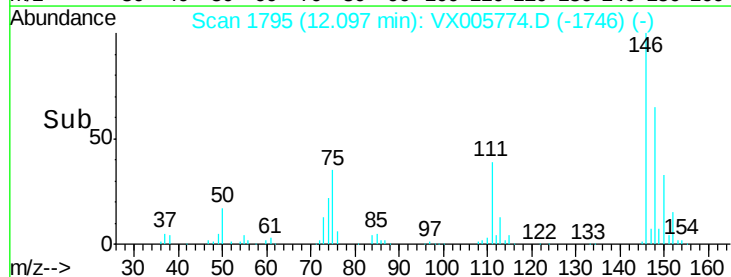
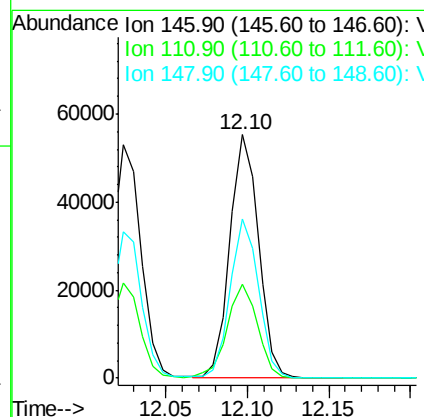
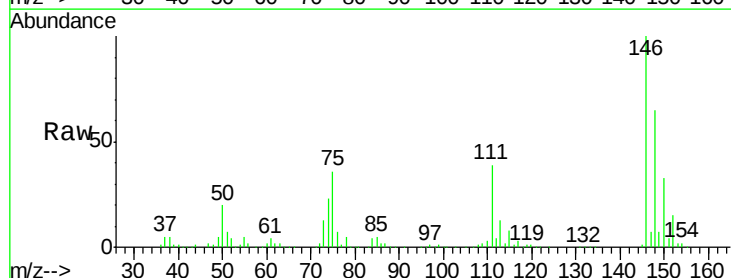
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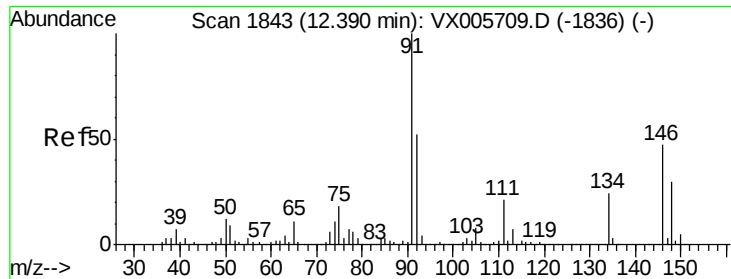
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#88
 1,4-Dichlorobenzene
 Concen: 17.786 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005774.D
 Acq: 05 Nov 2018 13:24

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.2	18.6	55.8
148	64.9	32.1	96.3





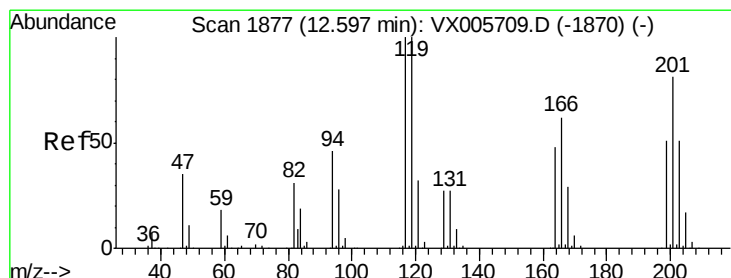
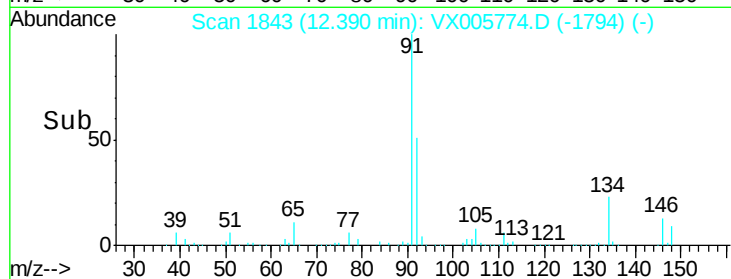
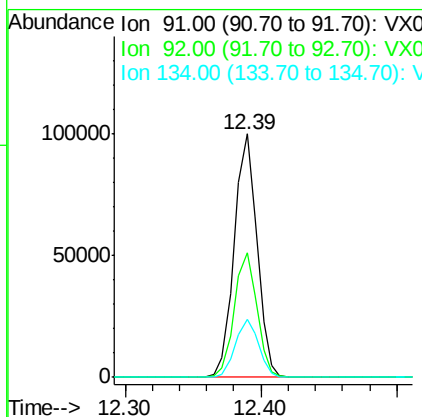
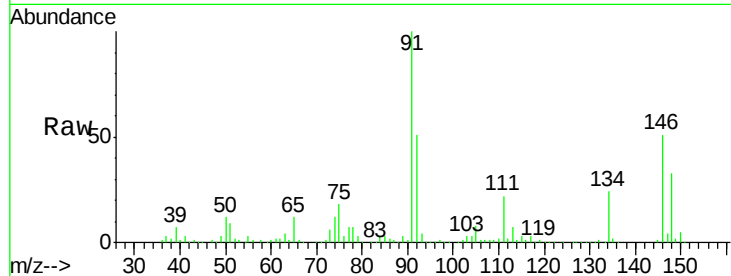
#89
n-Butylbenzene
Concen: 17.675 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005774.D
Acq: 05 Nov 2018 13:24

Instrument :
MSVOA_X
ClientSampleId :
VX1105MBS01

Tgt Ion: 91 Resp: 116830
Ion Ratio Lower Upper
91 100
92 50.9 26.1 78.2
134 24.2 13.1 39.3

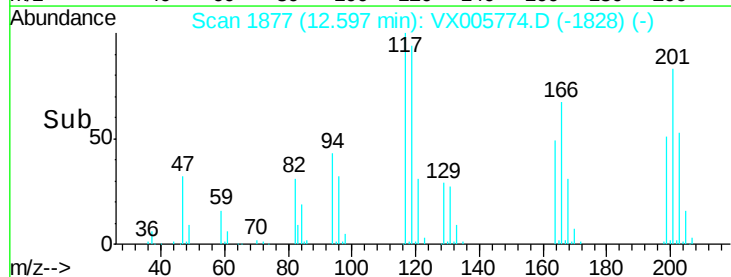
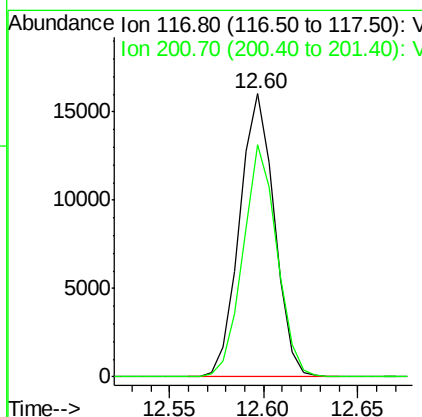
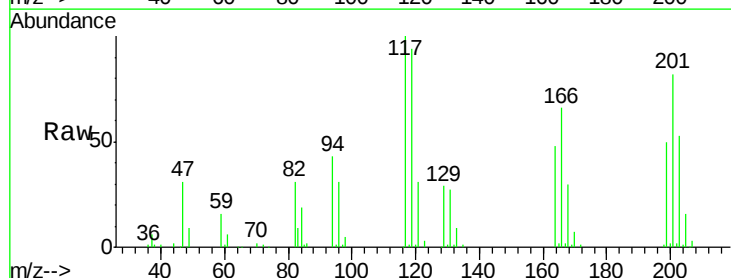
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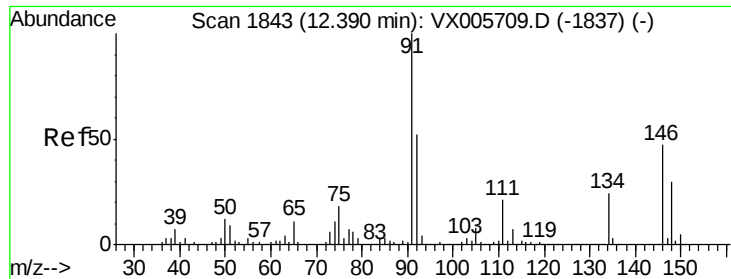
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#90
Hexachloroethane
Concen: 17.652 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005774.D
Acq: 05 Nov 2018 13:24

Tgt Ion: 117 Resp: 20517
Ion Ratio Lower Upper
117 100
201 80.0 47.9 143.6





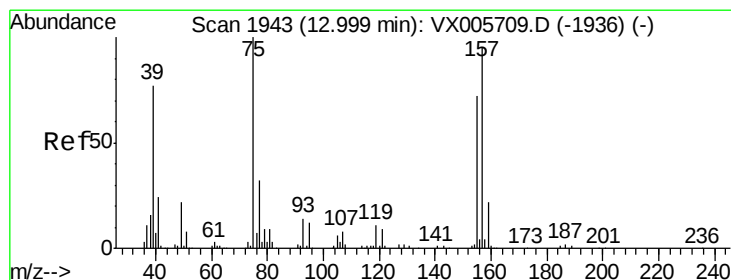
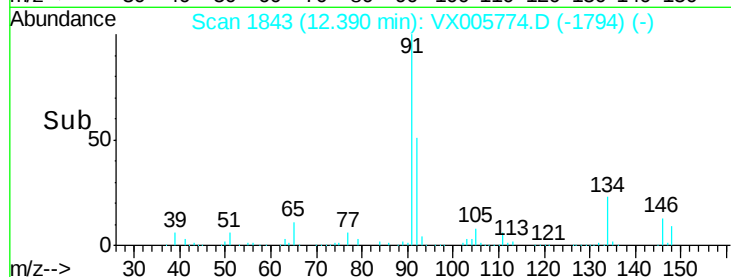
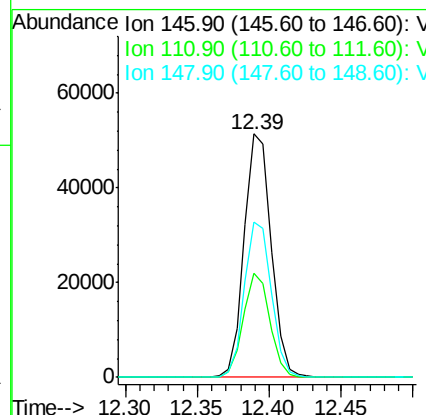
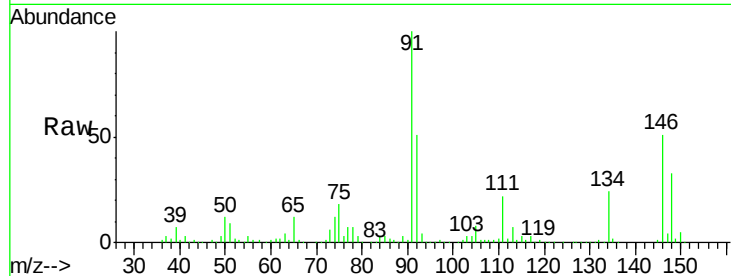
#91
 1,2-Dichlorobenzene
 Concen: 18.050 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX005774.D
 Acq: 05 Nov 2018 13:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1105MBS01

Tgt Ion: 146 Resp: 67042
 Ion Ratio Lower Upper
 146 100
 111 42.0 20.0 59.9
 148 63.7 32.2 96.6

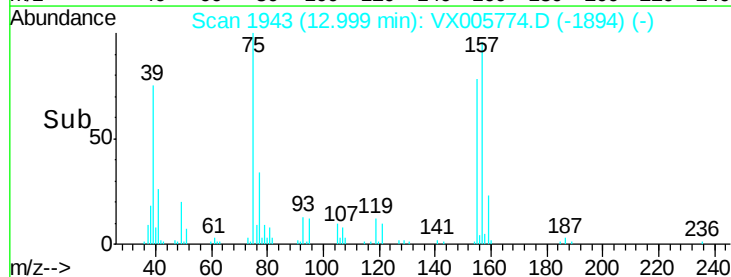
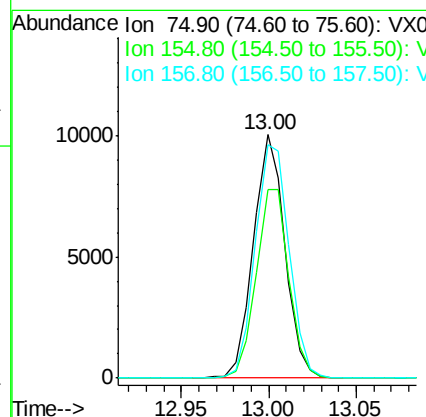
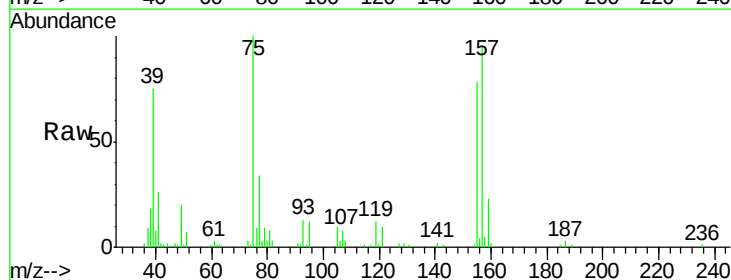
Manual Integrations
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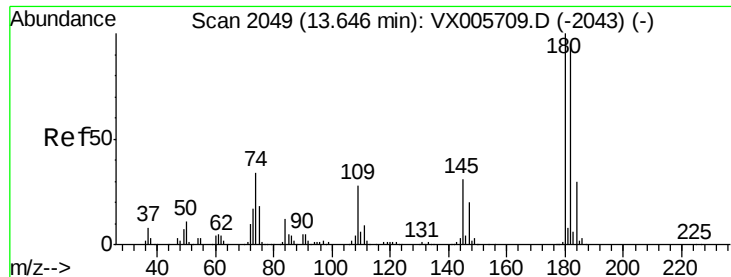
apatel
 11/6/2018 8:26:54 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.398 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005774.D
 Acq: 05 Nov 2018 13:24

Tgt Ion: 75 Resp: 12549
 Ion Ratio Lower Upper
 75 100
 155 80.6 45.4 136.1
 157 103.0 57.4 172.0





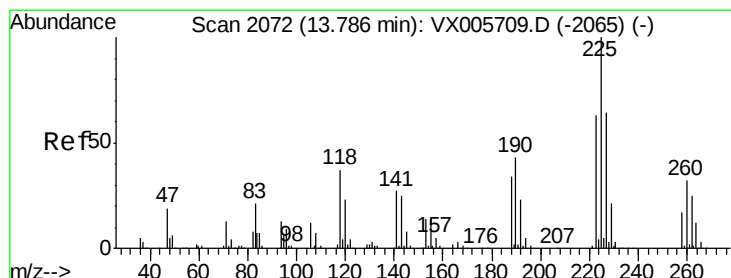
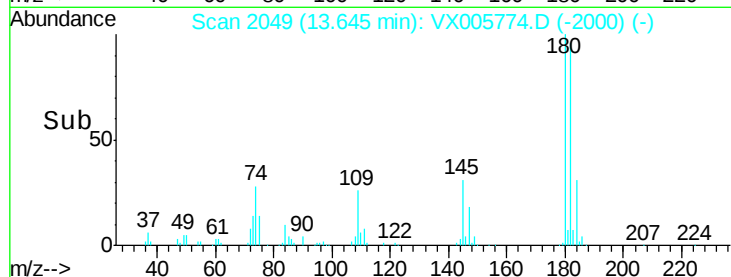
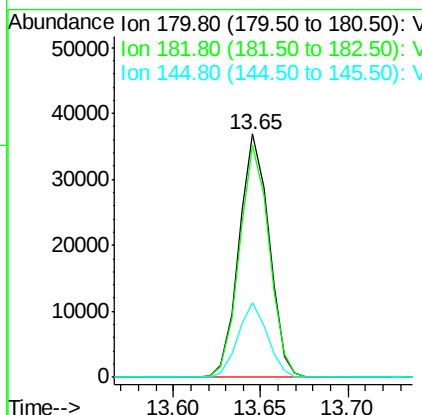
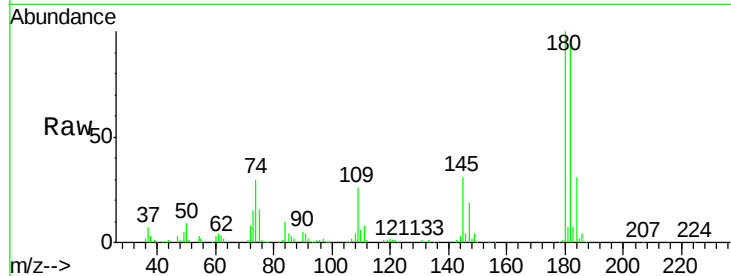
#93
 1,2,4-Trichlorobenzene
 Concen: 18.536 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005774.D
 Acq: 05 Nov 2018 13:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1105MBS01

Tgt Ion:	180	Resp:	44157
Ion Ratio	Lower	Upper	
180	100		
182	94.7	47.6	142.8
145	30.2	14.1	42.2

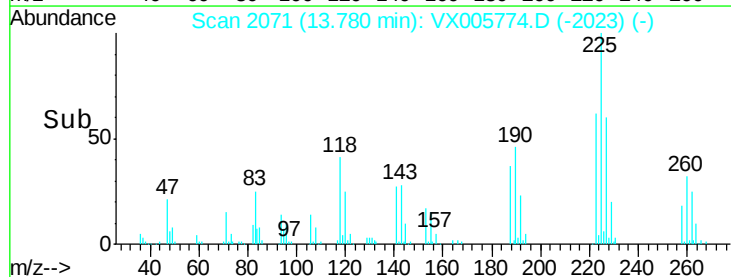
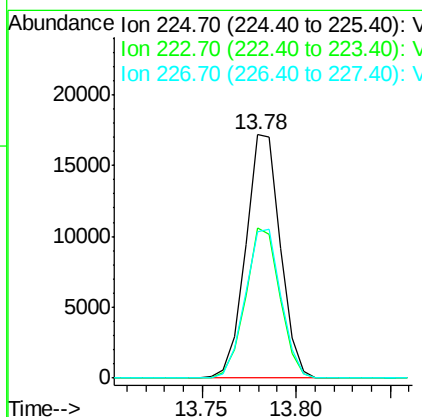
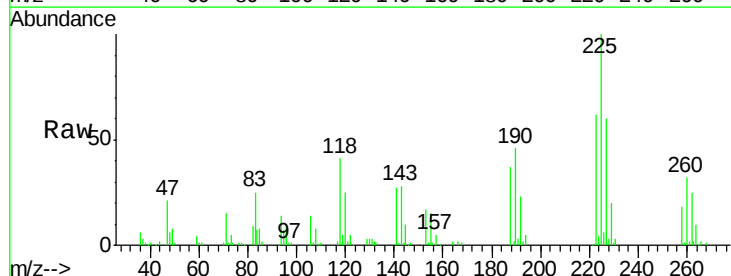
Manual Integrations
 APPROVED

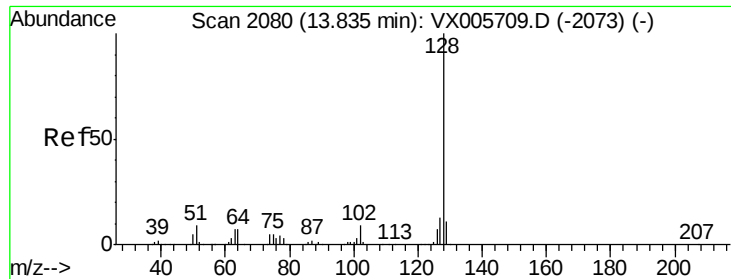
apatel
 11/6/2018 8:26:54 AM



#94
 Hexachlorobutadiene
 Concen: 18.989 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX005774.D
 Acq: 05 Nov 2018 13:24

Tgt Ion:	225	Resp:	21884
Ion Ratio	Lower	Upper	
225	100		
223	60.8	31.7	95.1
227	62.6	32.3	96.9





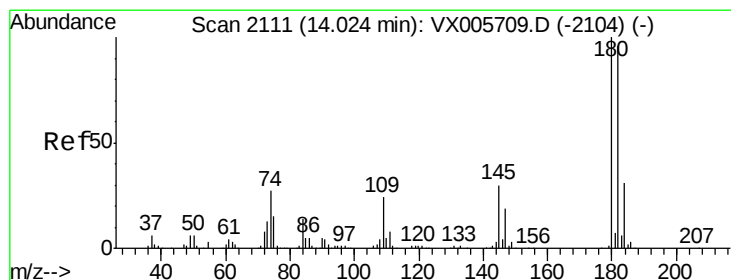
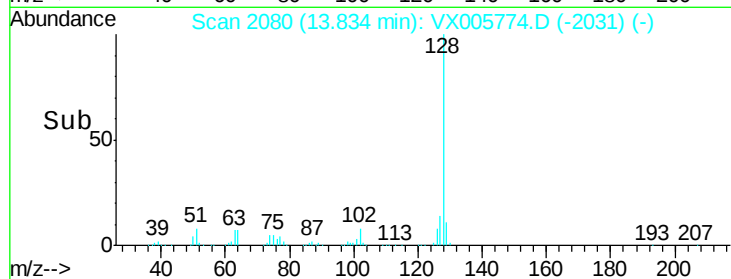
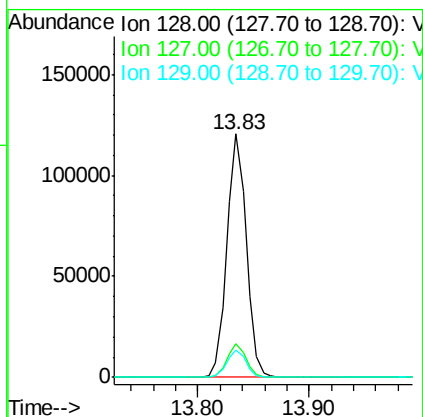
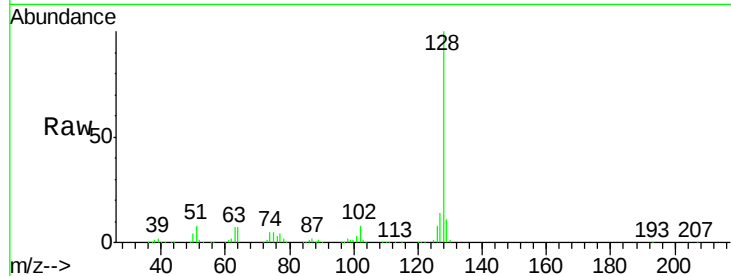
#95
Naphthalene
Concen: 18.561 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005774.D
Acq: 05 Nov 2018 13:24

Instrument :
MSVOA_X
ClientSampleId :
VX1105MBS01

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	145416		
127	13.3	10.4	15.6	
129	11.0	8.7	13.1	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 19.169 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX005774.D
Acq: 05 Nov 2018 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	46491		
182	95.1	48.0	144.2	
145	31.7	15.1	45.3	

