

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110518\
 Data File : VX005782.D
 Acq On : 05 Nov 2018 16:57
 Operator : JC/MD
 Sample : VX1105WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1105WBSD01

Manual Integrations
 APPROVED

apatel
 11/6/2018 8:27:01 AM

Quant Time: Nov 06 01:43:21 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	5.66	168	149255	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	237976	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	218950	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	108370	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	105410	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	
35) Dibromofluoromethane	5.50	113	84400	51.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.44%	
50) Toluene-d8	8.71	98	284295	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
62) 4-Bromofluorobenzene	11.14	95	103328	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.20	85	34529	20.026	ug/l	100
3) Chloromethane	1.32	50	41127	20.222	ug/l	100
4) Vinyl Chloride	1.41	62	42373	20.026	ug/l	93
5) Bromomethane	1.64	94	33706	12.838	ug/l	98
6) Chloroethane	1.72	64	26321	21.229	ug/l	92
7) Trichlorofluoromethane	1.93	101	51840	19.087	ug/l	98
8) Diethyl Ether	2.19	74	23705	19.418	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.39	101	31617	19.165	ug/l	92
10) Methyl Iodide	2.51	142	31604	20.858	ug/l	98
11) Tert butyl alcohol	3.07	59	57165	96.464	ug/l	99
12) 1,1-Dichloroethene	2.37	96	28594	17.787	ug/l	85
13) Acrolein	2.29	56	35625	92.109	ug/l	99
14) Allyl chloride	2.73	41	62973	18.945	ug/l	96
15) Acrylonitrile	3.15	53	128833	98.864	ug/l	99
16) Acetone	2.45	43	111857	93.872	ug/l	98
17) Carbon Disulfide	2.57	76	84294	17.064	ug/l	96
18) Methyl Acetate	2.78	43	63991	20.433	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	109478	19.674	ug/l	99
20) Methylene Chloride	2.86	84	36973	19.648	ug/l	92
21) trans-1,2-Dichloroethene	3.16	96	30431	17.890	ug/l	98
22) Diisopropyl ether	3.87	45	117962	19.130	ug/l	96
23) Vinyl Acetate	3.82	43	497955	92.715	ug/l	100
24) 1,1-Dichloroethane	3.70	63	65753	18.858	ug/l	98
25) 2-Butanone	4.70	43	166029	90.196	ug/l	96
26) 2,2-Dichloropropane	4.59	77	46560	17.864	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	35854	18.758	ug/l	99
28) Bromochloromethane	5.02	49	36010	21.169	ug/l	92
29) Tetrahydrofuran	5.16	42	105178	93.614	ug/l	95
30) Chloroform	5.22	83	63525	18.635	ug/l	98
31) Cyclohexane	5.58	56	50497	17.319	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	51495	18.875	ug/l	97
36) 1,1-Dichloropropene	5.79	75	44743	17.647	ug/l	99
37) Ethyl Acetate	4.85	43	60313	18.646	ug/l	98
38) Carbon Tetrachloride	5.79	117	41462	18.100	ug/l	93

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Quant Time: Nov 06 01:43:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	44984	17.012	ug/l	94
40) Benzene	6.14	78	142735	18.923	ug/l	99
41) Methacrylonitrile	5.06	41	31347	17.935	ug/l	95
42) 1,2-Dichloroethane	6.20	62	51443	18.451	ug/l	100
43) Isopropyl Acetate	6.46	43	85166	18.140	ug/l	98
44) Trichloroethene	7.21	130	30058	17.230	ug/l	100
45) 1,2-Dichloropropane	7.52	63	36075	18.663	ug/l	100
46) Dibromomethane	7.66	93	21865	17.700	ug/l	90
47) Bromodichloromethane	7.90	83	41489	17.905	ug/l	99
48) Methyl methacrylate	7.77	41	40628	17.880	ug/l	97
49) 1,4-Dioxane	7.75	88	17804	351.864	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	291849	91.166	ug/l	97
52) Toluene	8.79	92	74581	18.280	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	44444	17.698	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	49888	18.543	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	33304	18.796	ug/l	93
56) Ethyl methacrylate	9.18	69	48081	17.667	ug/l	100
57) 1,3-Dichloropropane	9.37	76	56149	18.448	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.31	63	154658	97.130	ug/l	95
59) 2-Hexanone	9.50	43	242129	92.940	ug/l	96
60) Dibromochloromethane	9.59	129	31705	18.518	ug/l	100
61) 1,2-Dibromoethane	9.67	107	34780	19.264	ug/l	94
64) Tetrachloroethene	9.34	164	32203	20.132	ug/l	89
65) Chlorobenzene	10.14	112	87420	18.789	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	30856	19.373	ug/l	96
67) Ethyl Benzene	10.25	91	141516	17.822	ug/l	98
68) m/p-Xylenes	10.36	106	110524	37.458	ug/l	98
69) o-Xylene	10.70	106	49584	17.570	ug/l	95
70) Styrene	10.71	104	86397	18.433	ug/l	99
71) Bromoform	10.86	173	22356	17.323	ug/l #	98
73) Isopropylbenzene	11.02	105	139517	19.514	ug/l	99
74) N-amyl acetate	10.90	43	69108	18.155	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	55710	18.782	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	52844m	19.578	ug/l	
77) Bromobenzene	11.26	156	34747	19.592	ug/l	89
78) n-propylbenzene	11.36	91	166971	19.198	ug/l	97
79) 2-Chlorotoluene	11.42	91	100275	19.303	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	119186	19.633	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	15263	18.271	ug/l	91
82) 4-Chlorotoluene	11.51	91	118253	19.068	ug/l	96
83) tert-Butylbenzene	11.77	119	110989	19.162	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	122798	20.032	ug/l	97
85) sec-Butylbenzene	11.94	105	139970	18.838	ug/l	97
86) p-Isopropyltoluene	12.07	119	122804	19.434	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	64539	18.820	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	66121	17.948	ug/l	97
89) n-Butylbenzene	12.39	91	113169	17.750	ug/l	97
90) Hexachloroethane	12.60	117	20449	18.240	ug/l	84
91) 1,2-Dichlorobenzene	12.39	146	66072	18.442	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	12744	18.318	ug/l	87

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ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1105WBSD01

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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)
93) 1,2,4-Trichlorobenzene	13.65	180	43194	18.798	ug/l	97
94) Hexachlorobutadiene	13.78	225	20488	18.431	ug/l	100
95) Naphthalene	13.83	128	145490	19.253	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	45801	19.579	ug/l	99

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

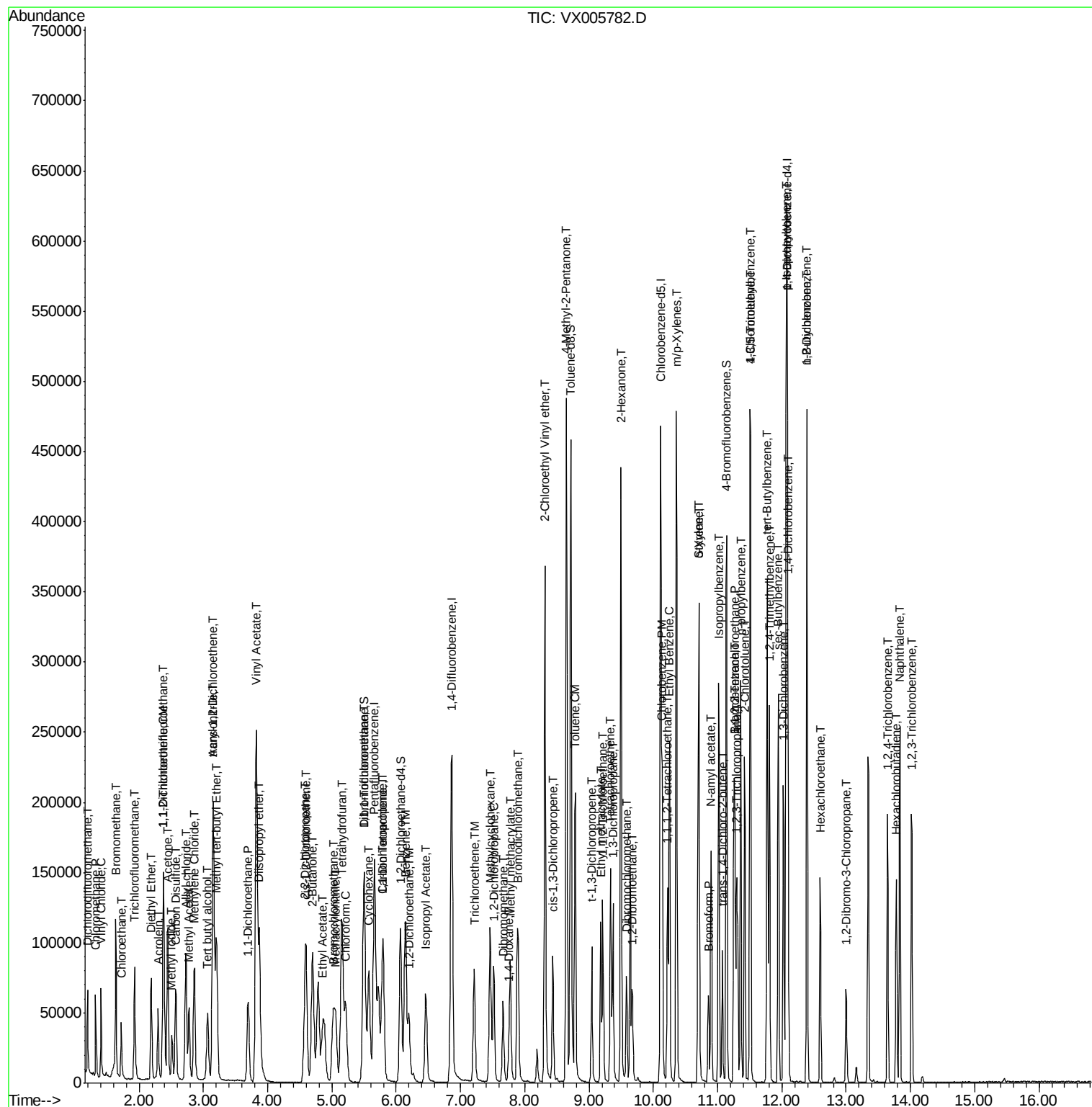
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Data File : VX005782.D
Acq On : 05 Nov 2018 16:57
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Sample : VX1105WBSD01
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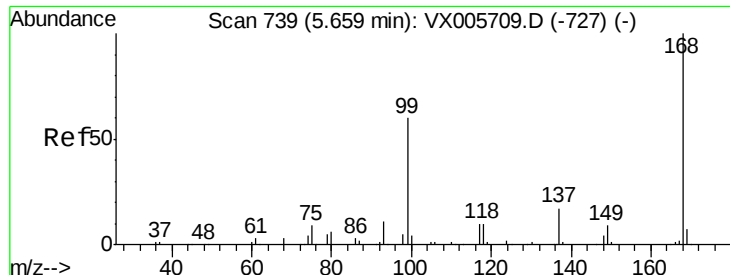
Instrument :
MSVOA_X
Client Sample ID :
VX1105WBSD01

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX005782.D

Acq: 05 Nov 2018 16:57

Instrument :

MSVOA_X

ClientSampleId :

VX1105WBSD01

Tot Ion:168 Resp: 149255

Ion Ratio Lower Upper

168 100

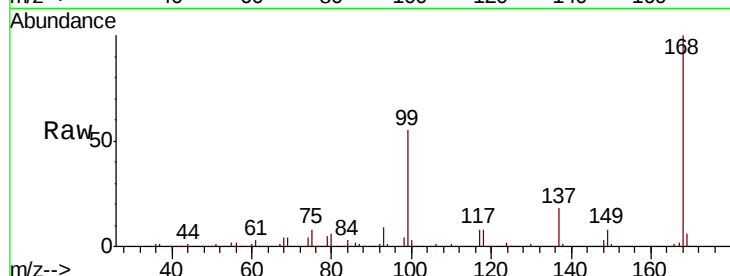
99 55.1 40.7 61.1

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

50000

40000

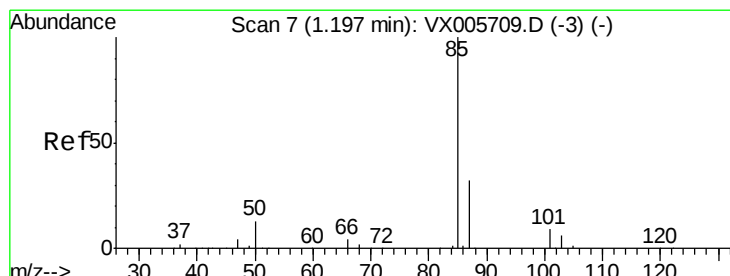
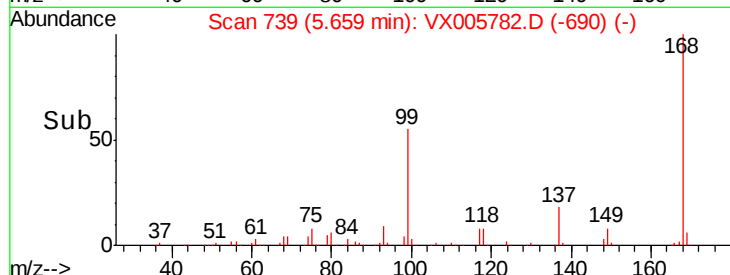
30000

20000

10000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.026 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005782.D

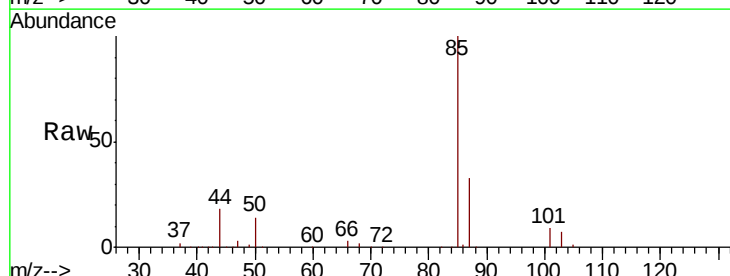
Acq: 05 Nov 2018 16:57

Tgt Ion: 85 Resp: 34529

Ion Ratio Lower Upper

85 100

87 32.5 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

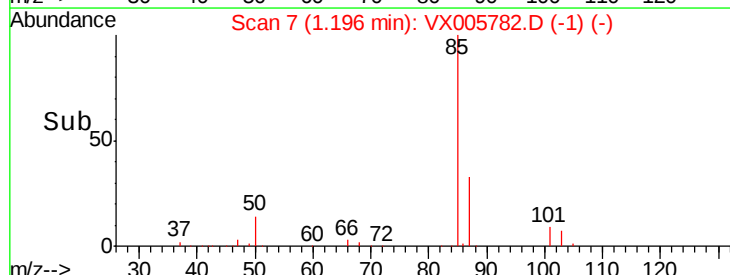
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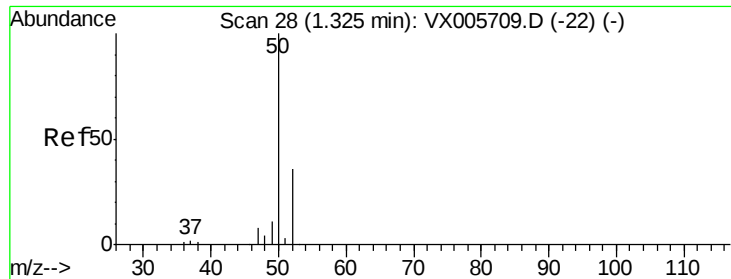
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10000

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Time-->





#3

Chloromethane

Concen: 20.222 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005782.D

Acq: 05 Nov 2018 16:57

Instrument :

MSVOA_X

ClientSampleId :

VX1105WBSD01

Tot Ion: 50 Resp: 41127

Ion Ratio Lower Upper

50 100

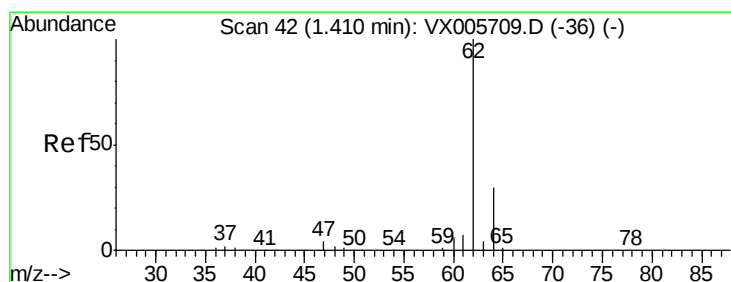
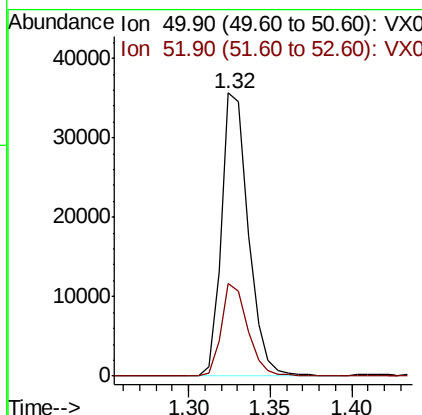
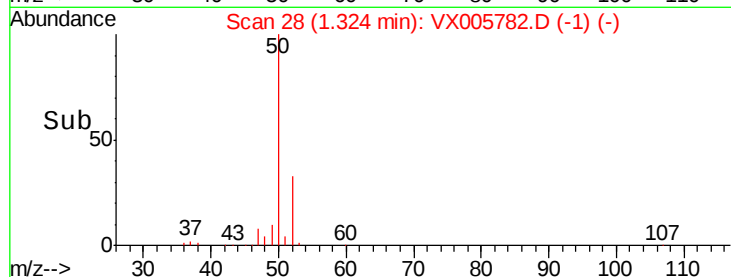
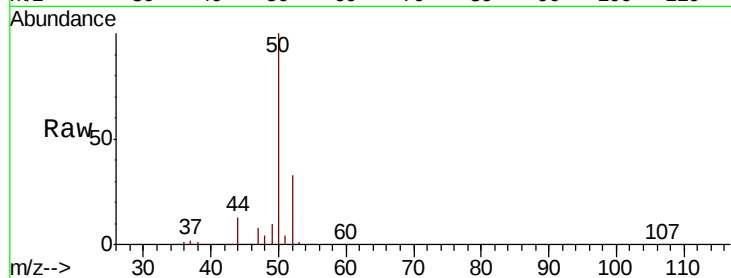
52 32.6 26.2 39.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.026 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX005782.D

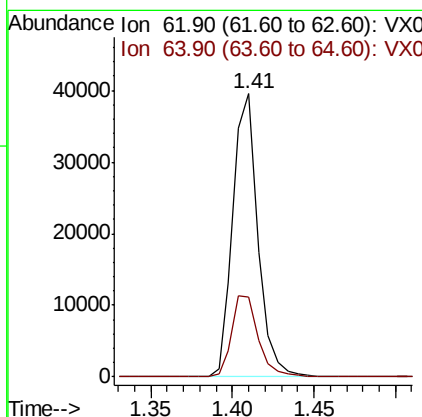
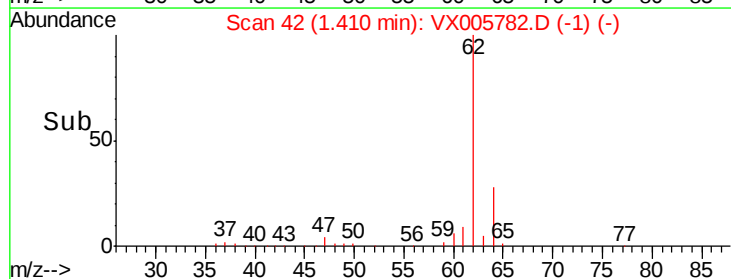
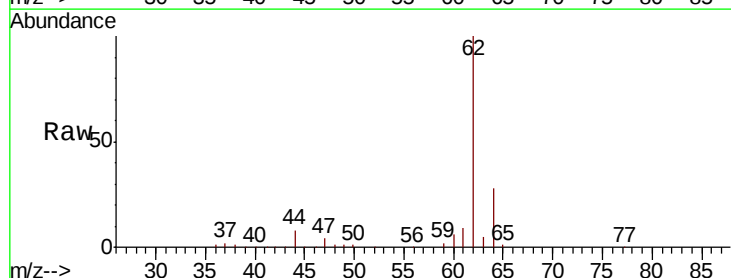
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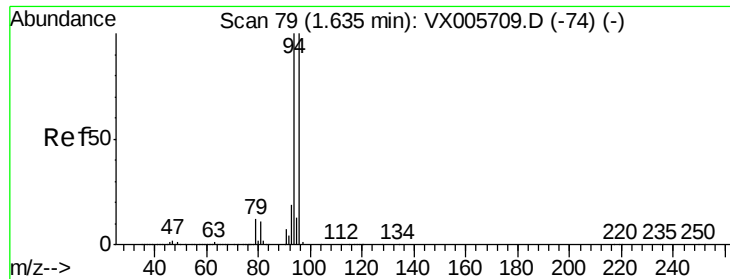
Tgt Ion: 62 Resp: 42373

Ion Ratio Lower Upper

62 100

64 28.0 25.3 37.9





#5

Bromomethane

Concen: 12.838 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005782.D

Acq: 05 Nov 2018 16:57

Instrument :

MSVOA_X

ClientSampleId :

VX1105WBSD01

Tot Ion: 94 Resp: 33706

Ion Ratio Lower Upper

94 100

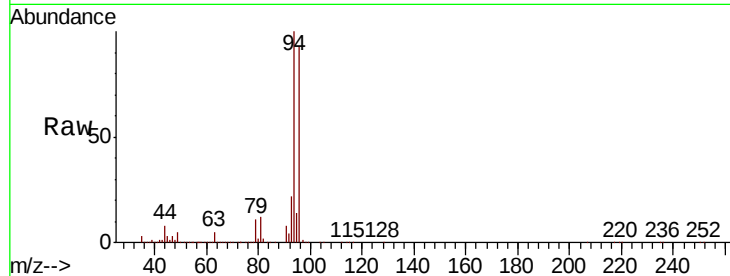
96 92.5 75.2 112.8

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

40000

30000

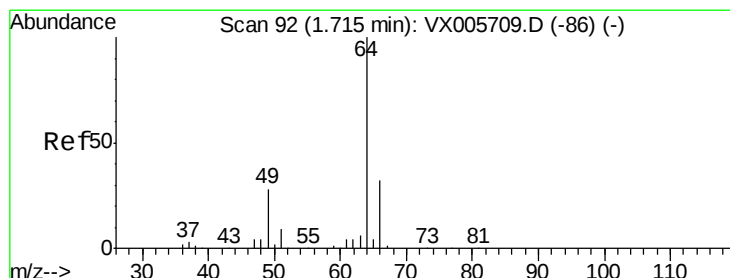
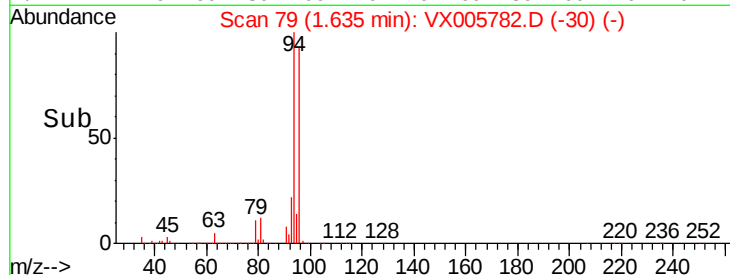
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10000

0

1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 21.229 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005782.D

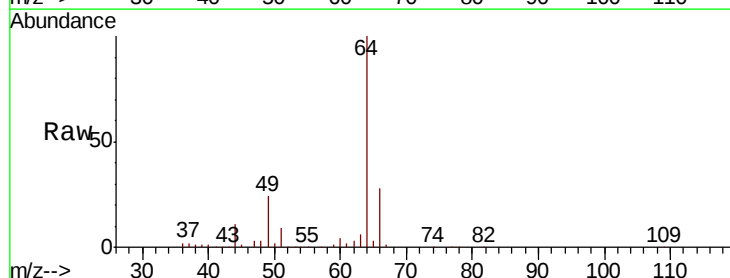
Acq: 05 Nov 2018 16:57

Tgt Ion: 64 Resp: 26321

Ion Ratio Lower Upper

64 100

66 27.9 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

20000

15000

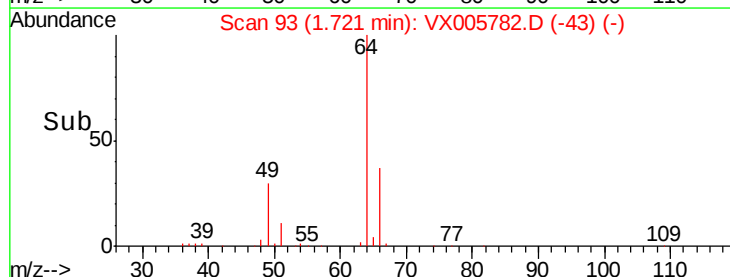
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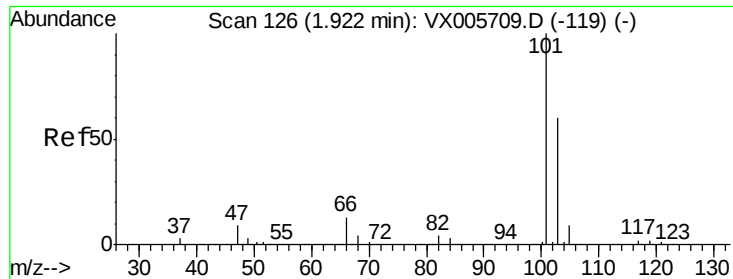
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1.65 1.70 1.75 1.80 1.85

Time-->





#7

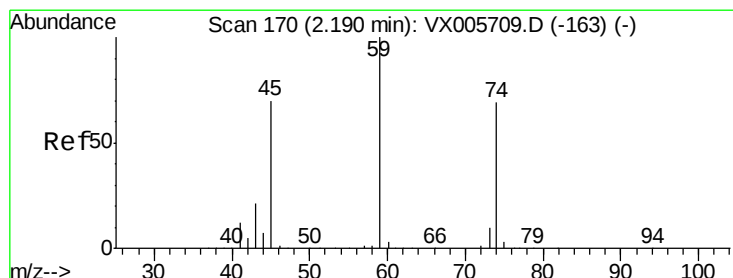
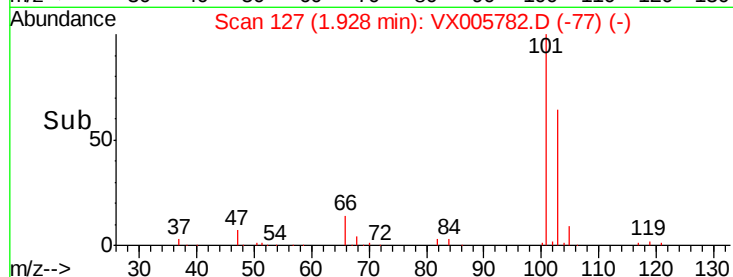
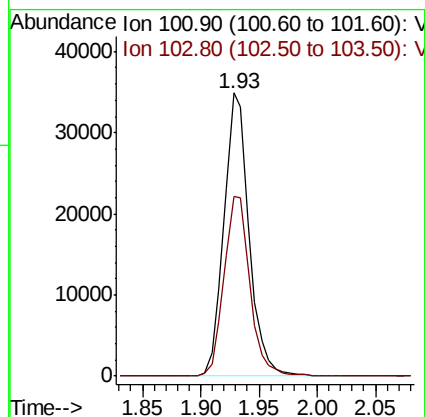
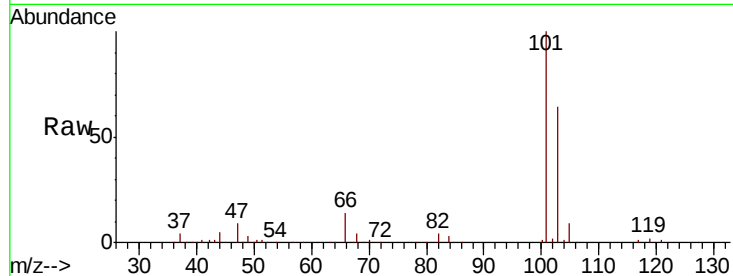
Trichlorofluoromethane
 Concen: 19.087 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX005782.D
 Acq: 05 Nov 2018 16:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1105WBSD01

Tot Ion:101 Resp: 51840
 Ion Ratio Lower Upper
 101 100
 103 63.7 50.0 75.0

Manual Integrations
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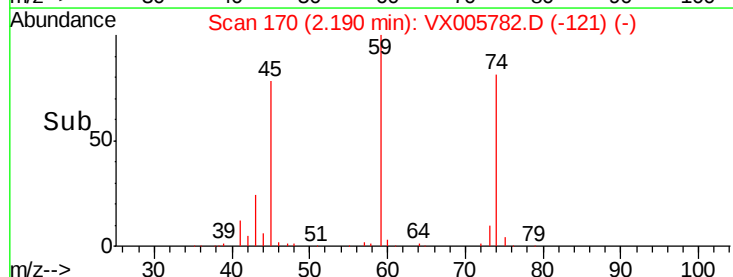
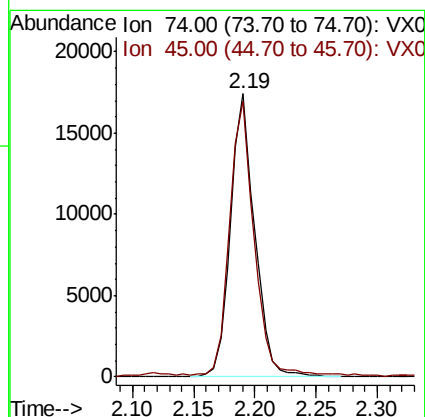
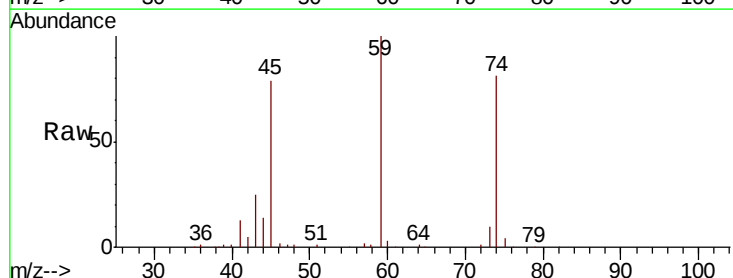
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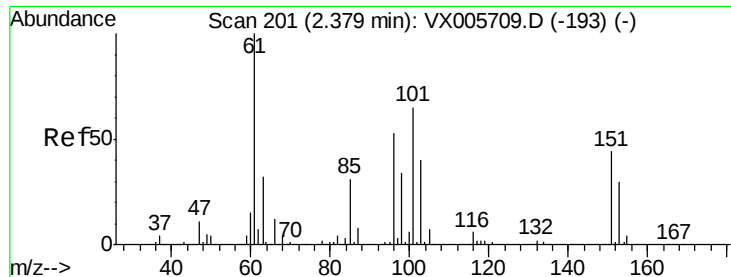


#8

Diethyl Ether
 Concen: 19.418 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX005782.D
 Acq: 05 Nov 2018 16:57

Tgt Ion: 74 Resp: 23705
 Ion Ratio Lower Upper
 74 100
 45 96.9 54.1 162.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.165 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX005782.D

Acq: 05 Nov 2018 16:57

Instrument :

MSVOA_X

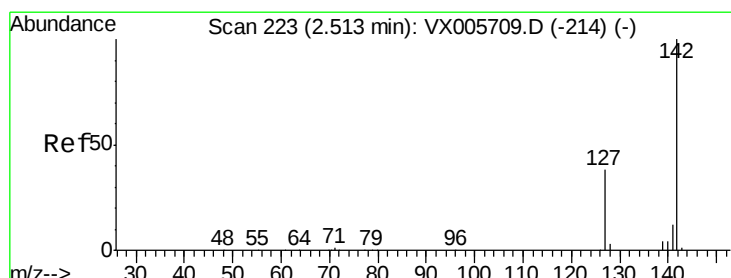
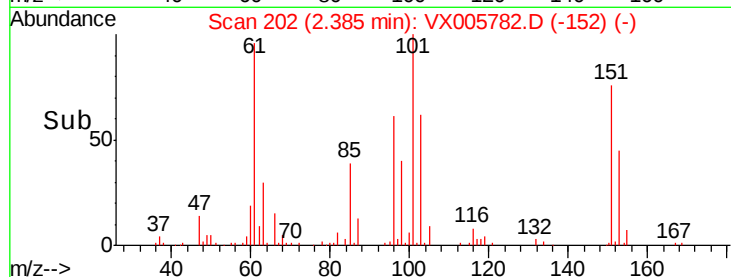
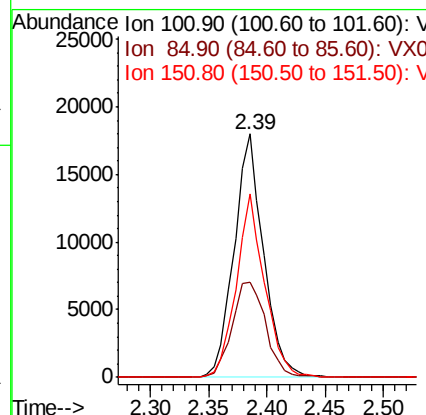
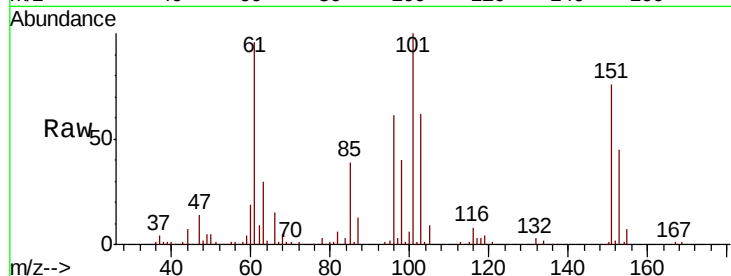
ClientSampleId :

VX1105WBSD01

Tot Ion:	101	Resp:	31617
Ion Ratio	Lower	Upper	
101	100		
85	44.6	35.0	52.4
151	72.6	66.2	99.2

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#10

Methyl Iodide

Concen: 20.858 ug/l

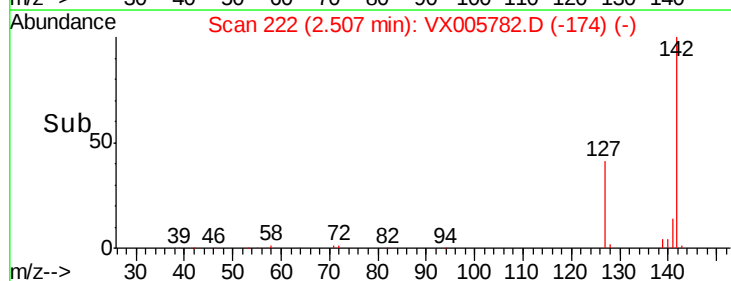
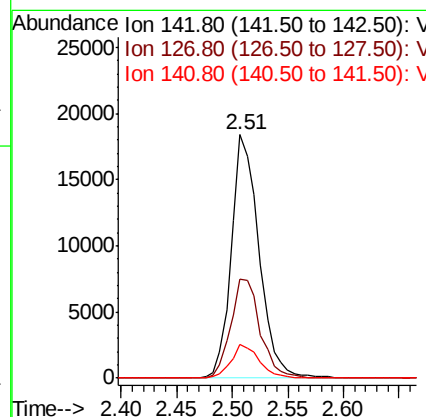
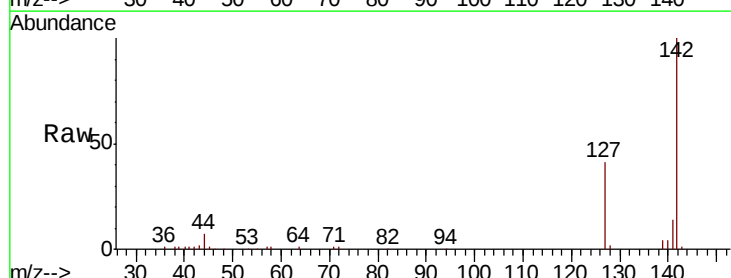
RT: 2.51 min Scan# 222

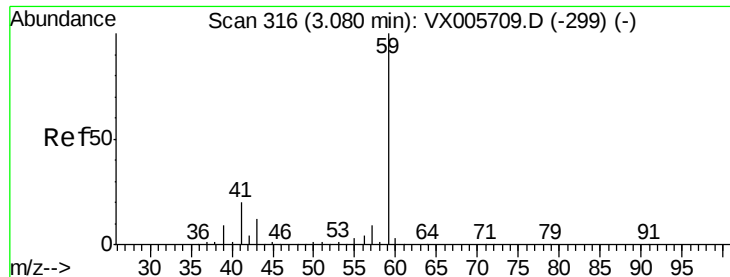
Delta R.T. -0.01 min

Lab File: VX005782.D

Acq: 05 Nov 2018 16:57

Tgt Ion:	142	Resp:	31604
Ion Ratio	Lower	Upper	
142	100		
127	43.5	36.0	54.0
141	14.0	11.7	17.5





#11

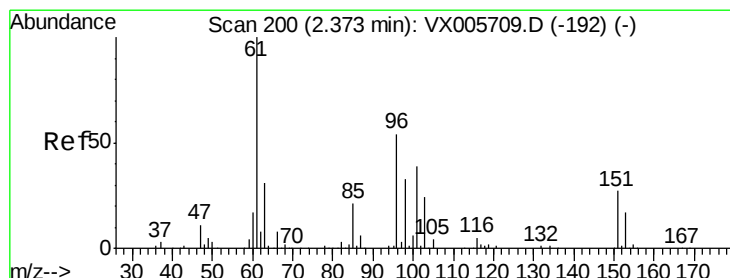
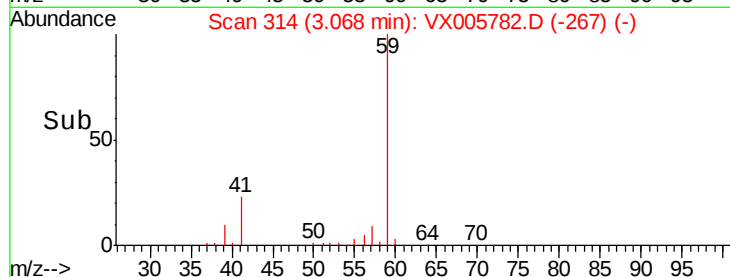
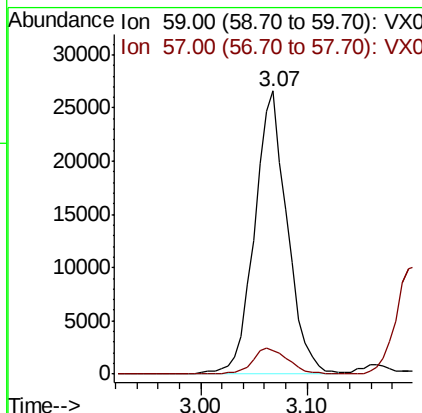
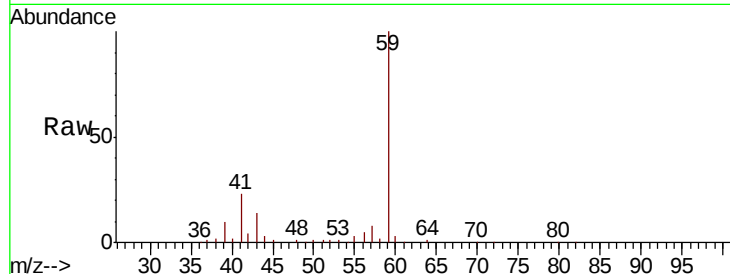
Tert butyl alcohol
 Concen: 96.464 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX005782.D
 Acq: 05 Nov 2018 16:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1105WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.5	12.7

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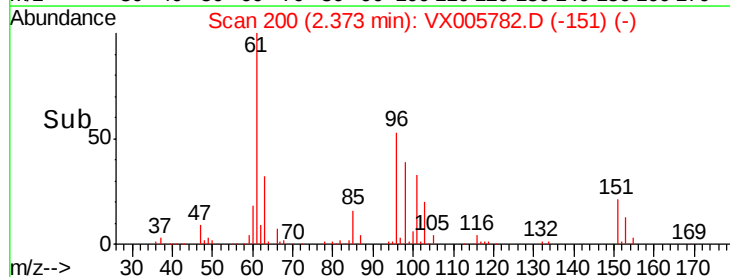
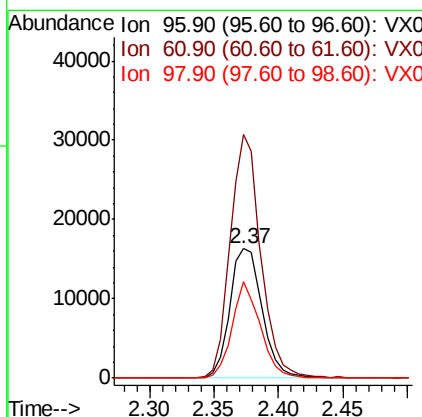
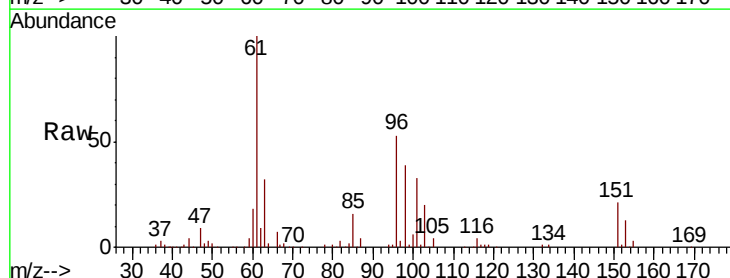
apatel
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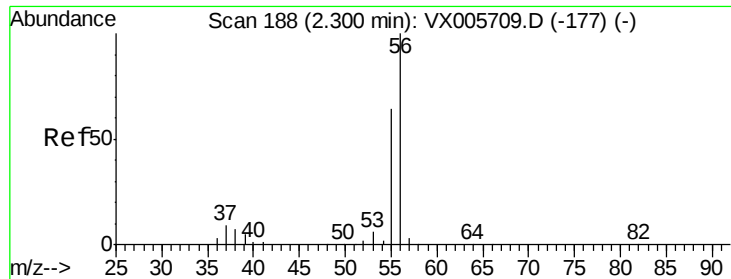


#12

1,1-Dichloroethene
 Concen: 17.787 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX005782.D
 Acq: 05 Nov 2018 16:57

Tgt Ion	Ratio	Lower	Upper
96	100		
61	188.0	131.8	197.8
98	74.1	53.4	80.2





#13

Acrolein

Concen: 92.109 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX005782.D

Acq: 05 Nov 2018 16:57

Instrument :

MSVOA_X

ClientSampleId :

VX1105WBSD01

Tot Ion: 56 Resp: 35625

Ion Ratio Lower Upper

56 100

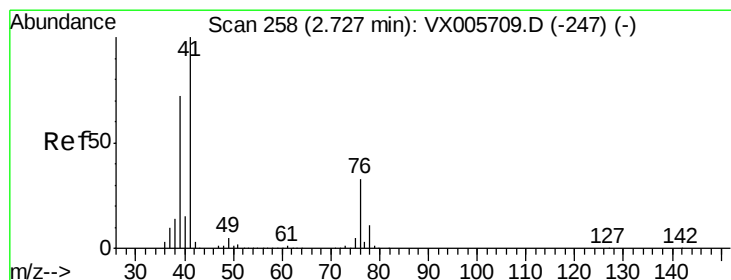
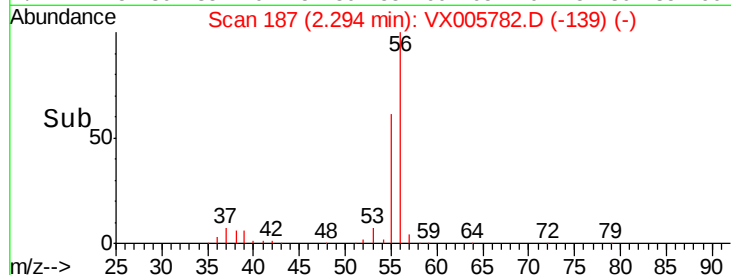
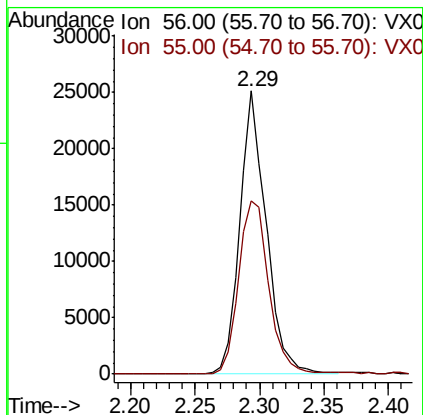
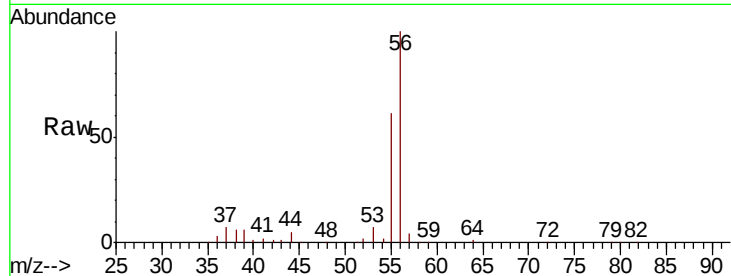
55 70.7 57.3 85.9

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#14

Allyl chloride

Concen: 18.945 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX005782.D

Acq: 05 Nov 2018 16:57

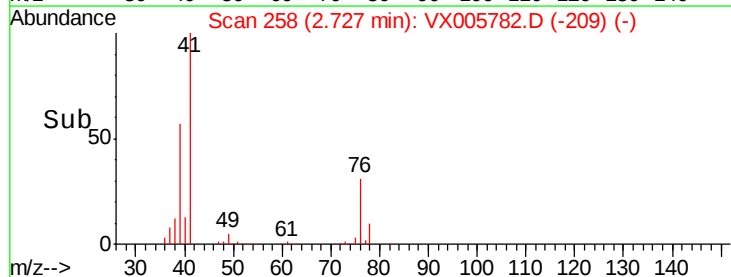
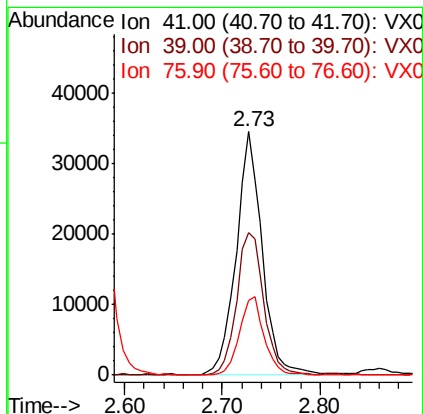
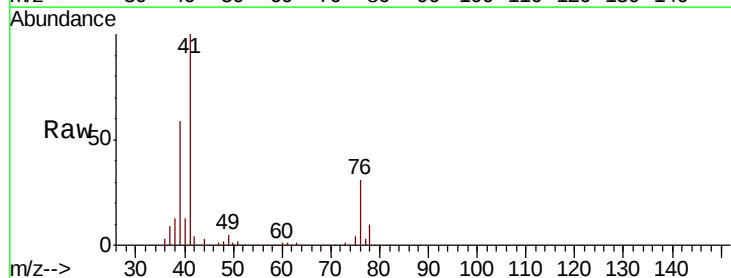
Tgt Ion: 41 Resp: 62973

Ion Ratio Lower Upper

41 100

39 62.0 48.2 72.4

76 31.1 21.9 32.9





#15

Acrylonitrile

Concen: 98.864 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX005782.D

Acq: 05 Nov 2018 16:57

Instrument :

MSVOA_X

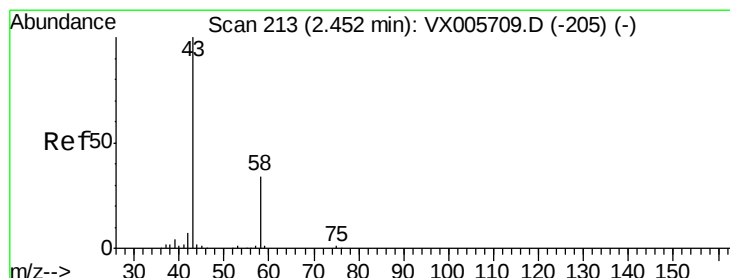
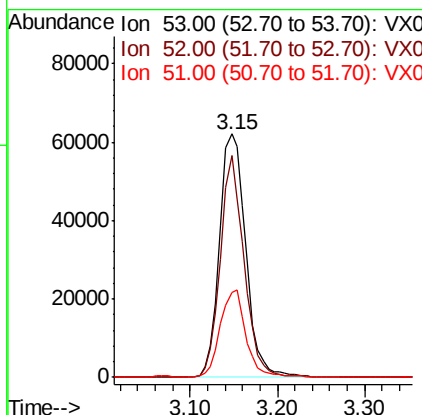
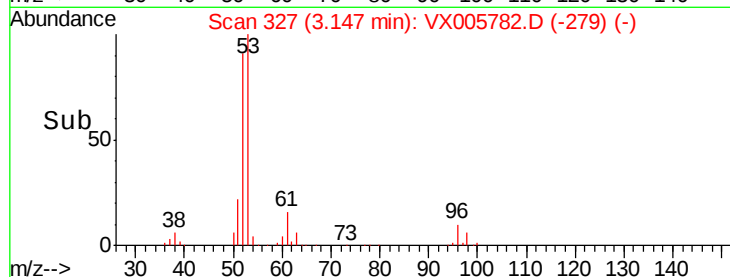
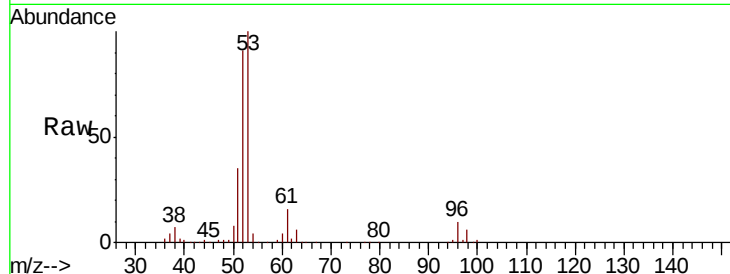
ClientSampleId :

VX1105WBSD01

Tot Ion:	53	Resp:	128833
Ion Ratio		Lower	Upper
53	100		
52	82.7	66.6	99.8
51	35.8	28.4	42.6

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#16

Acetone

Concen: 93.872 ug/l

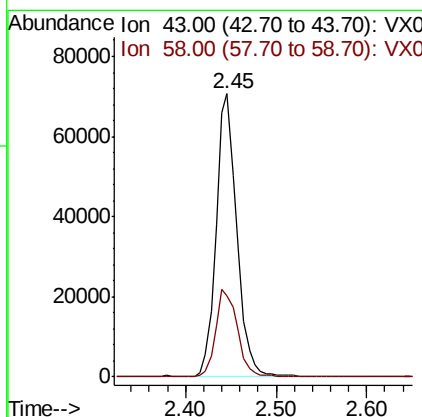
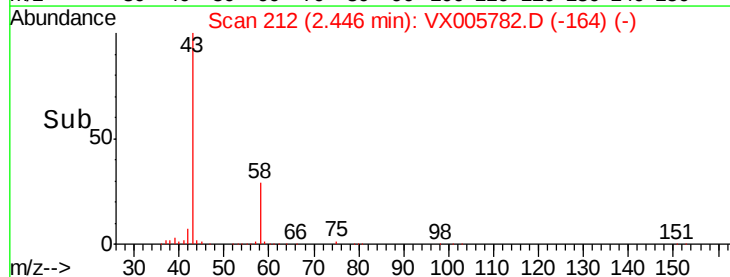
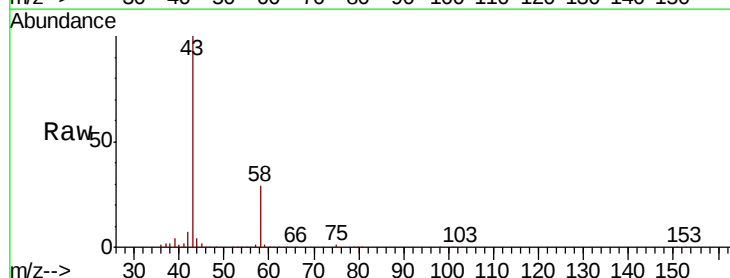
RT: 2.45 min Scan# 212

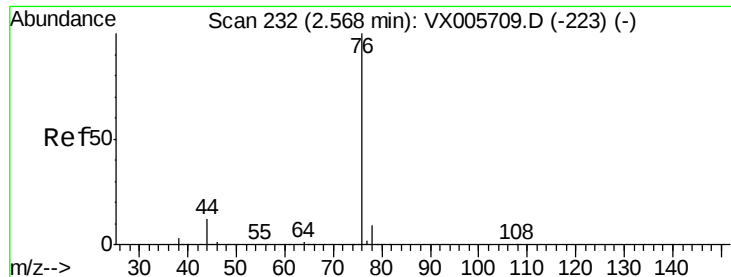
Delta R.T. -0.01 min

Lab File: VX005782.D

Acq: 05 Nov 2018 16:57

Tgt Ion:	43	Resp:	111857
Ion Ratio		Lower	Upper
43	100		
58	28.7	23.8	35.6





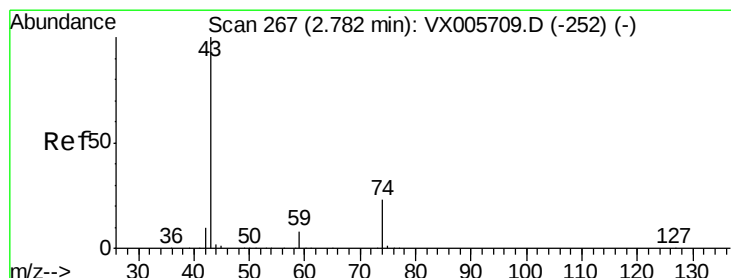
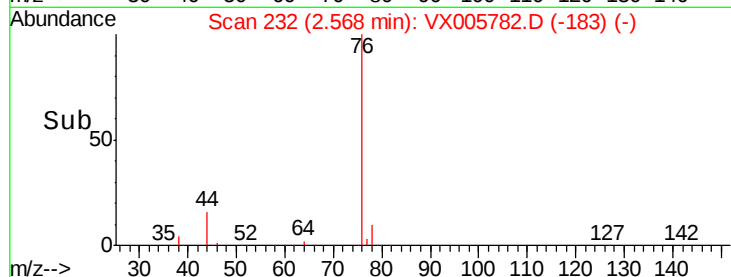
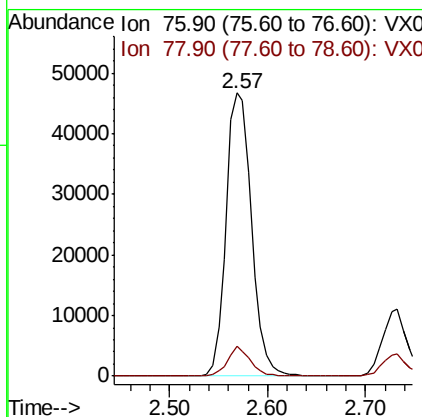
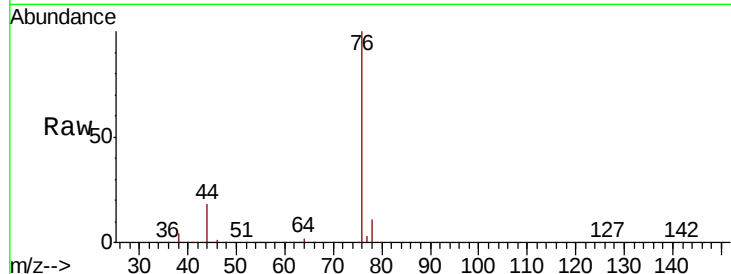
#17
Carbon Disulfide
Concen: 17.064 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX005782.D
Acq: 05 Nov 2018 16:57

Instrument :
MSVOA_X
ClientSampleId :
VX1105WBSD01

Tot Ion: 76 Resp: 84294
Ion Ratio Lower Upper
76 100
78 10.6 7.3 10.9

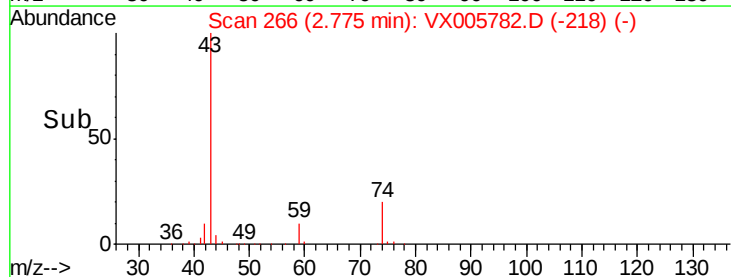
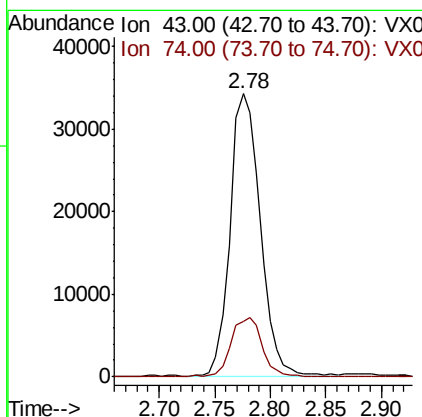
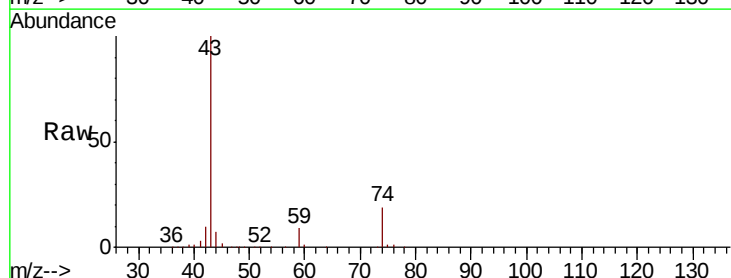
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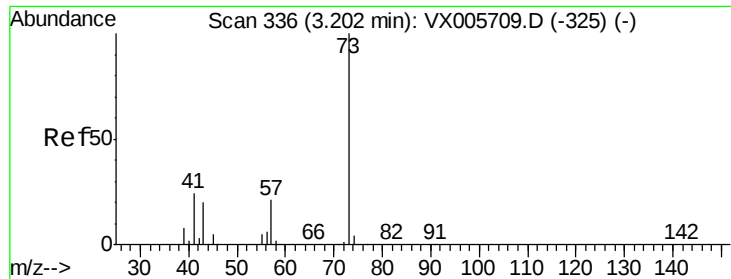
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#18
Methyl Acetate
Concen: 20.433 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005782.D
Acq: 05 Nov 2018 16:57

Tgt Ion: 43 Resp: 63991
Ion Ratio Lower Upper
43 100
74 22.0 16.8 25.2





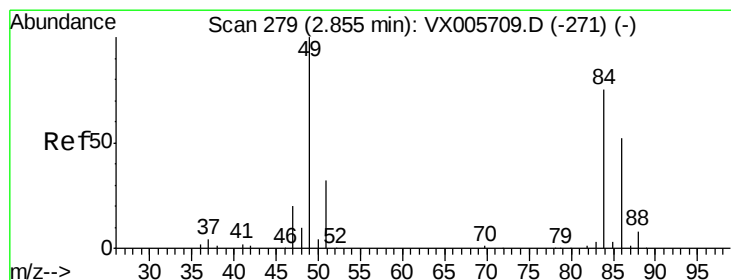
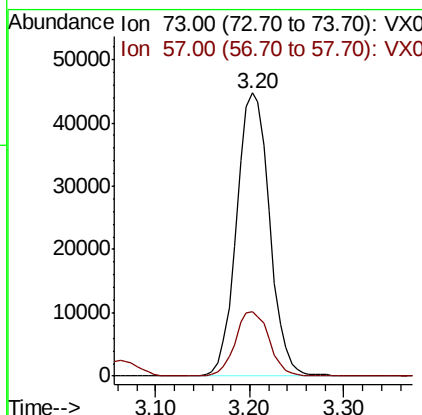
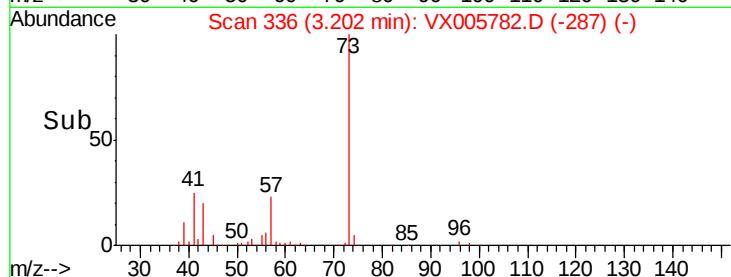
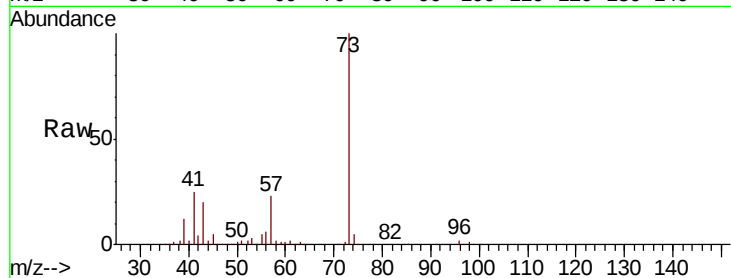
#19
Methyl tert-butyl Ether
Concen: 19.674 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX005782.D
Acq: 05 Nov 2018 16:57

Instrument :
MSVOA_X
ClientSampleId :
VX1105WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.8	18.8	28.2

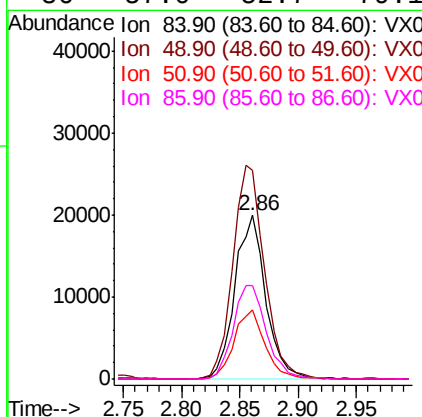
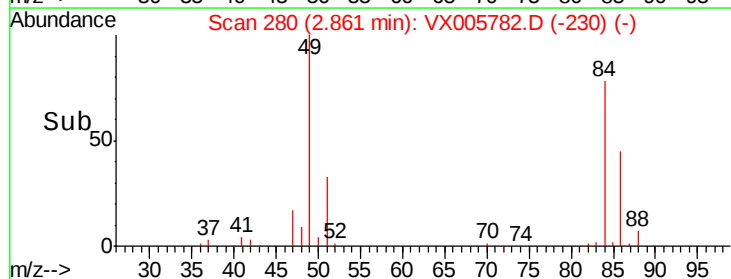
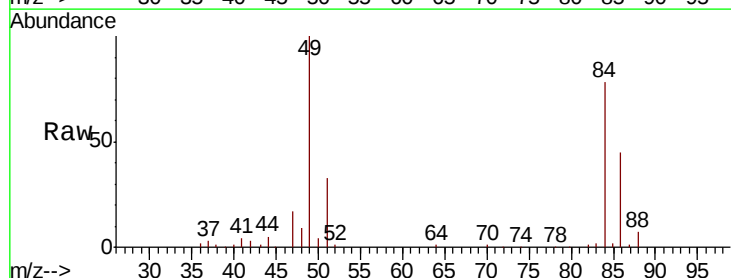
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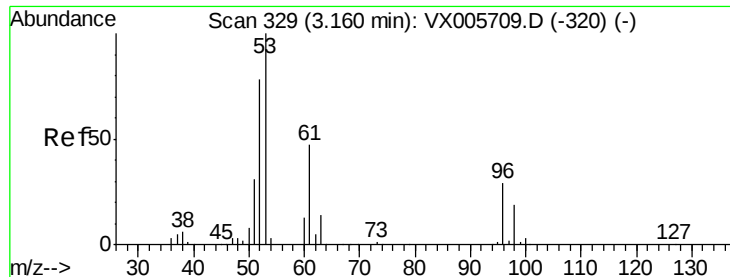
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#20
Methylene Chloride
Concen: 19.648 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX005782.D
Acq: 05 Nov 2018 16:57

Tgt Ion	Ratio	Lower	Upper
84	100		
49	127.5	109.5	164.3
51	42.5	33.3	49.9
86	57.0	52.7	79.1





#21

trans-1,2-Dichloroethene

Concen: 17.890 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005782.D

Acq: 05 Nov 2018 16:57

Instrument :

MSVOA_X

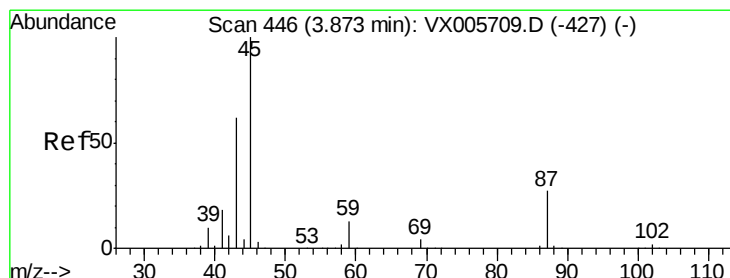
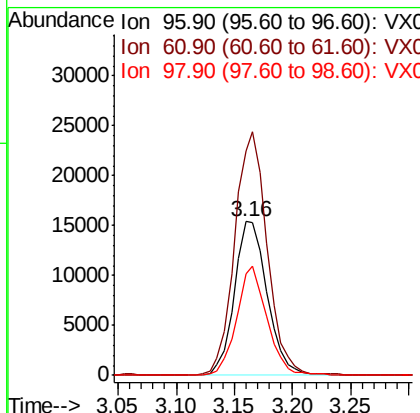
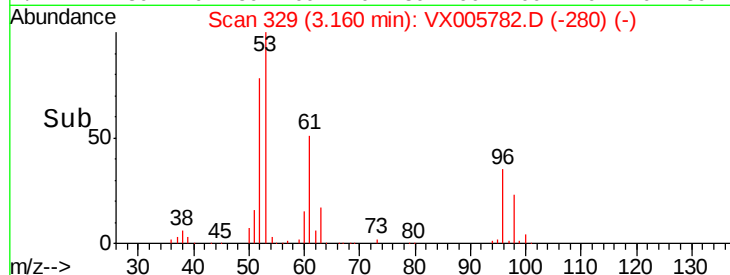
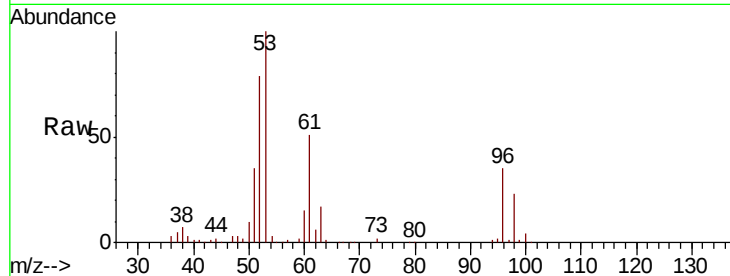
ClientSampleId :

VX1105WBSD01

Tot Ion:	96	Resp:	30431
Ion	Ratio	Lower	Upper
96	100		
61	146.5	115.6	173.4
98	65.8	50.2	75.2

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#22

Diisopropyl ether

Concen: 19.130 ug/l

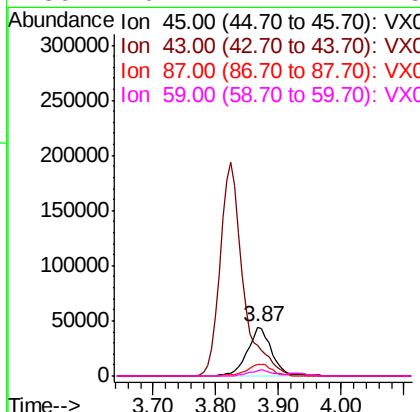
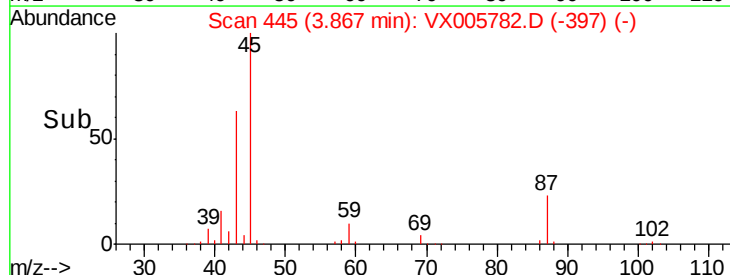
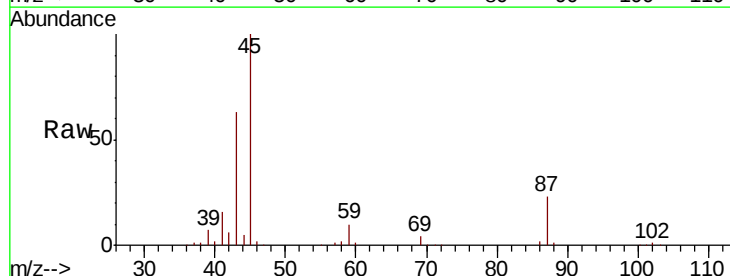
RT: 3.87 min Scan# 445

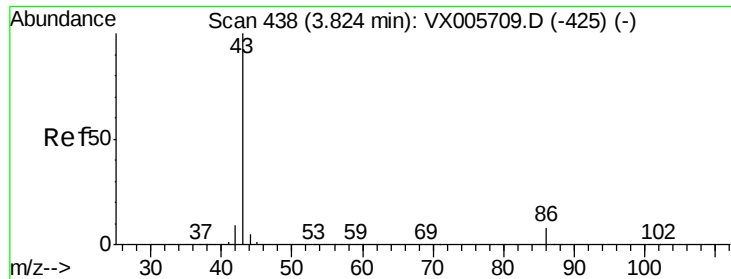
Delta R.T. -0.01 min

Lab File: VX005782.D

Acq: 05 Nov 2018 16:57

Tgt Ion:	45	Resp:	117962
Ion	Ratio	Lower	Upper
45	100		
43	62.7	47.4	71.2
87	22.5	15.9	23.9
59	10.2	7.7	11.5





#23

Vinyl Acetate

Concen: 92.715 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX005782.D

Acq: 05 Nov 2018 16:57

Instrument :

MSVOA_X

ClientSampleId :

VX1105WBSD01

Tot Ion: 43 Resp: 497955

Ion Ratio Lower Upper

43 100

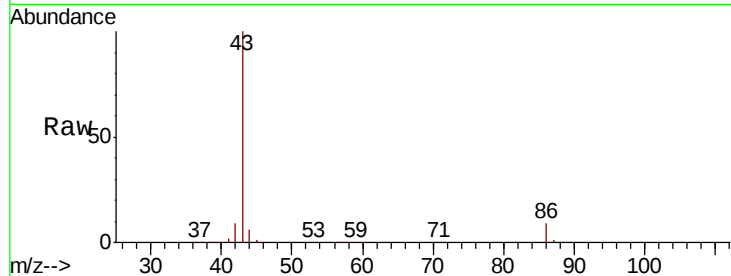
86 9.2 7.4 11.2

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

200000

150000

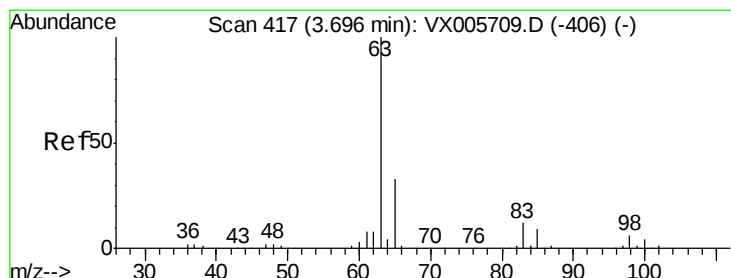
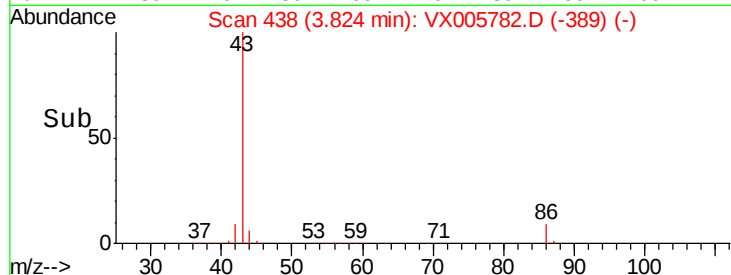
100000

50000

0

3.60 3.80 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 18.858 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX005782.D

Acq: 05 Nov 2018 16:57

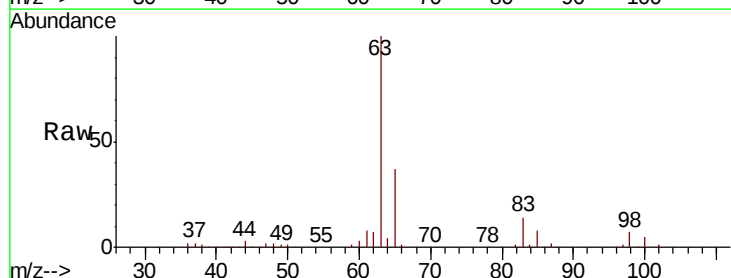
Tgt Ion: 63 Resp: 65753

Ion Ratio Lower Upper

63 100

98 7.2 3.2 9.6

100 4.8 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

30000

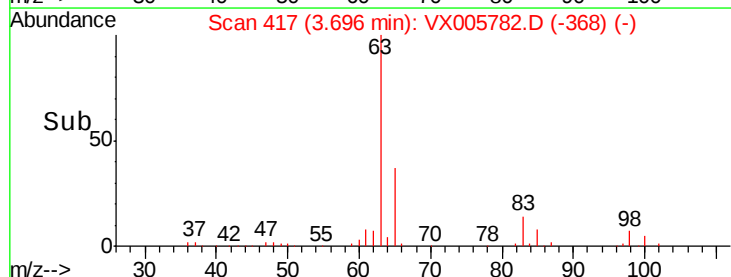
20000

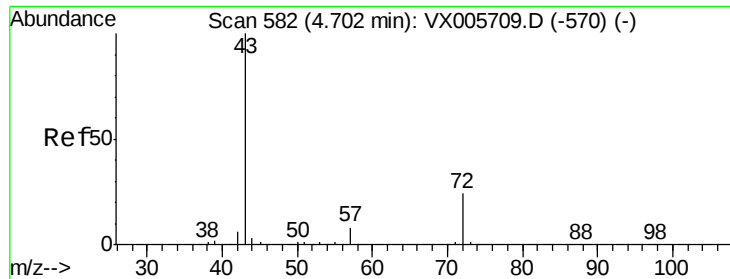
10000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 90.196 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX005782.D

Acq: 05 Nov 2018 16:57

Instrument :

MSVOA_X

ClientSampleId :

VX1105WBSD01

Tot Ion: 43 Resp: 166029

Ion Ratio Lower Upper

43 100

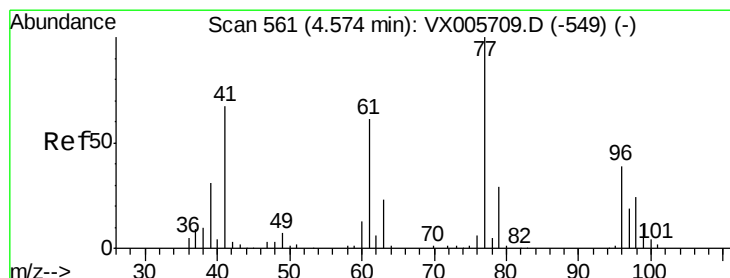
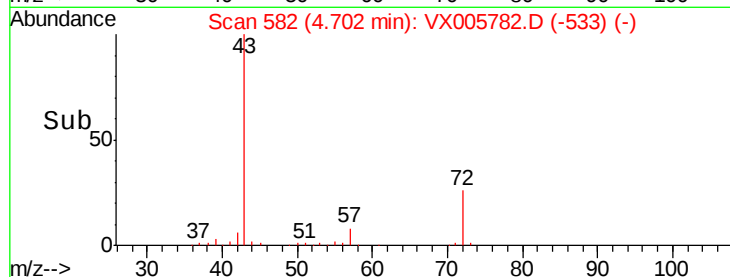
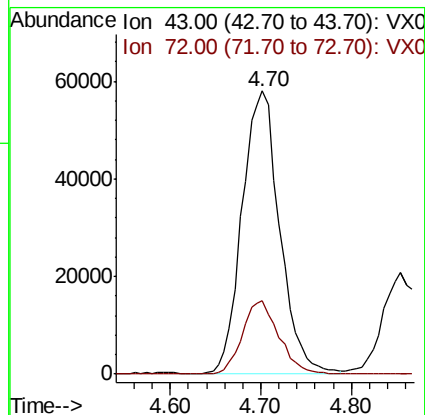
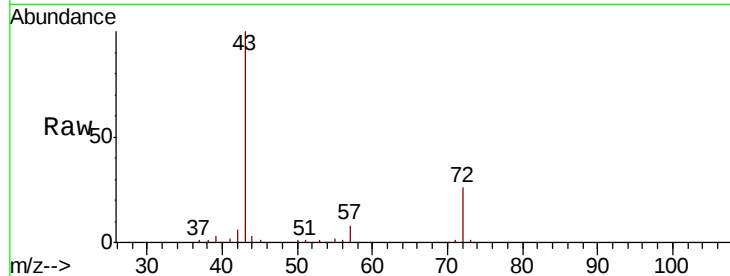
72 25.7 19.2 28.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 17.864 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX005782.D

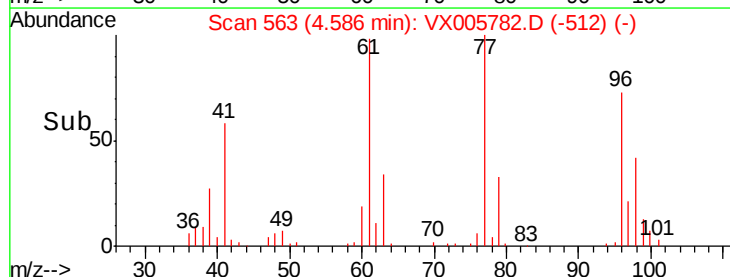
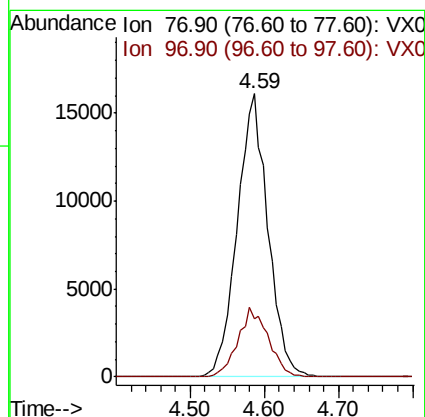
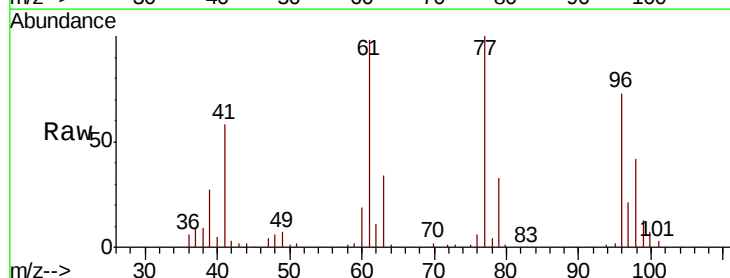
Acq: 05 Nov 2018 16:57

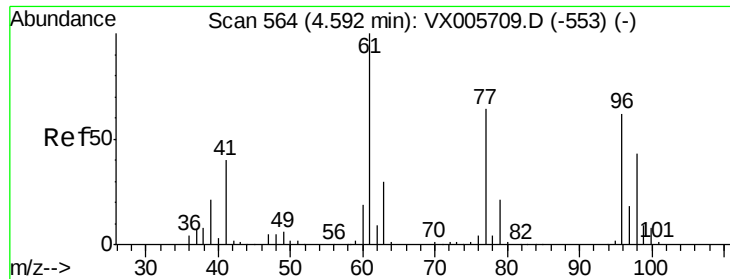
Tgt Ion: 77 Resp: 46560

Ion Ratio Lower Upper

77 100

97 24.0 11.5 34.5





#27

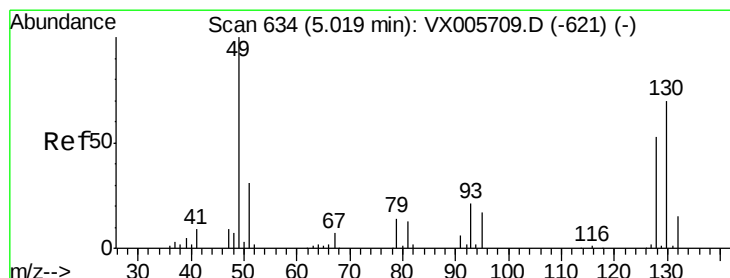
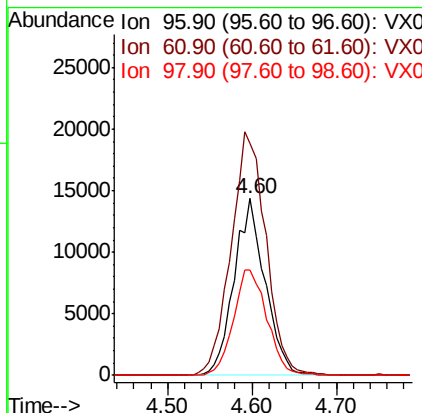
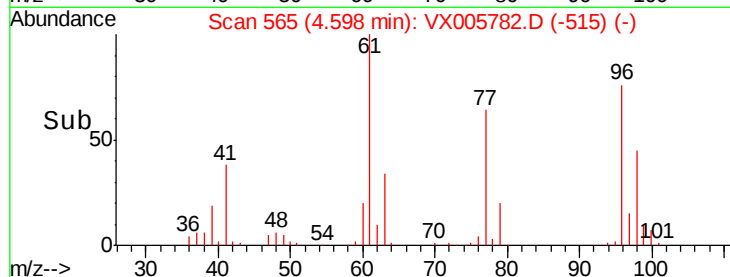
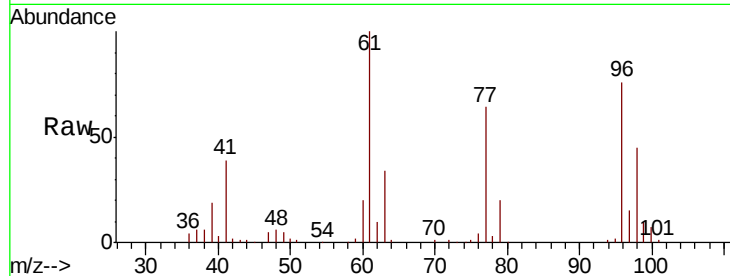
cis-1,2-Dichloroethene
Concen: 18.758 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX005782.D
Acq: 05 Nov 2018 16:57

Instrument :
MSVOA_X
ClientSampleId :
VX1105WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	154.4	0.0	304.6
98	63.9	0.0	127.4

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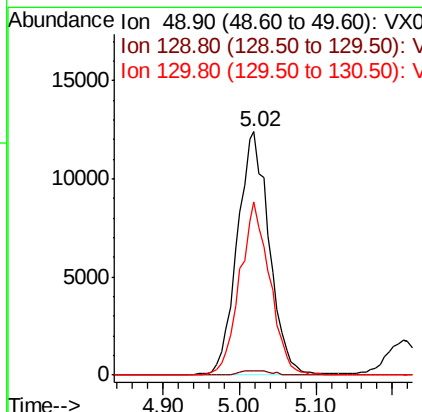
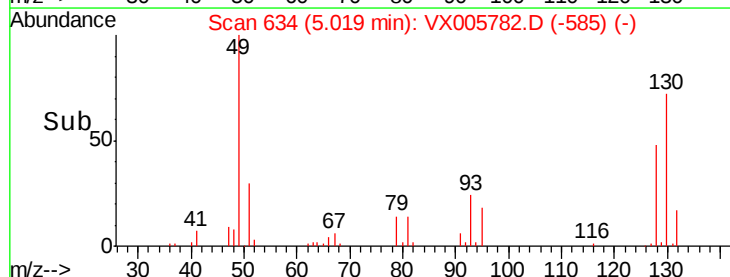
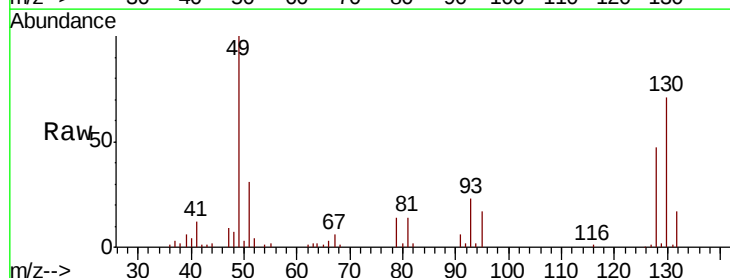
apatel
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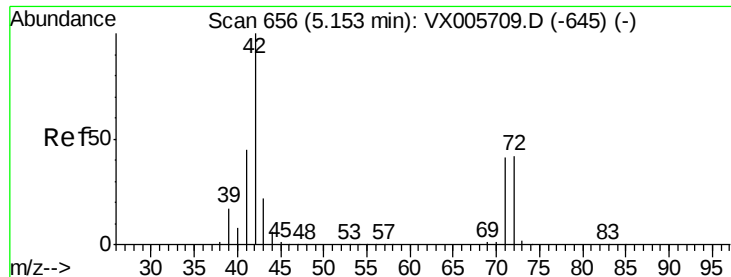


#28

Bromochloromethane
Concen: 21.169 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX005782.D
Acq: 05 Nov 2018 16:57

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	4.0
130	66.8	58.9	88.3





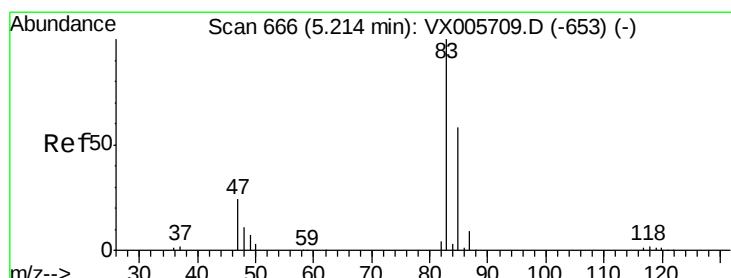
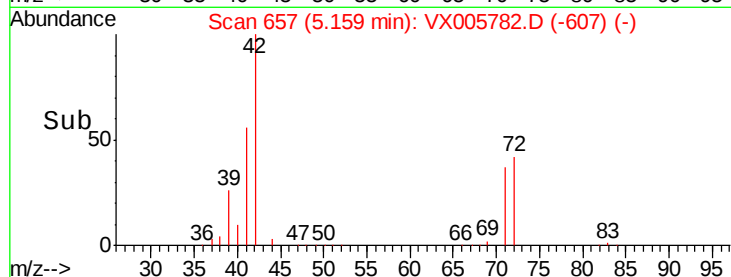
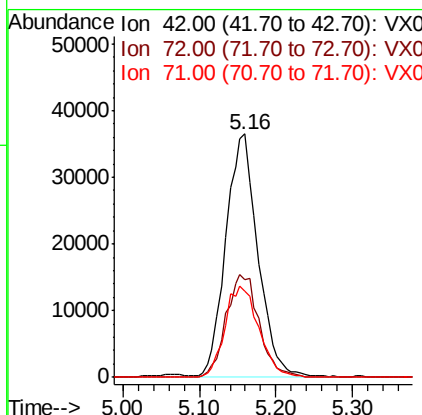
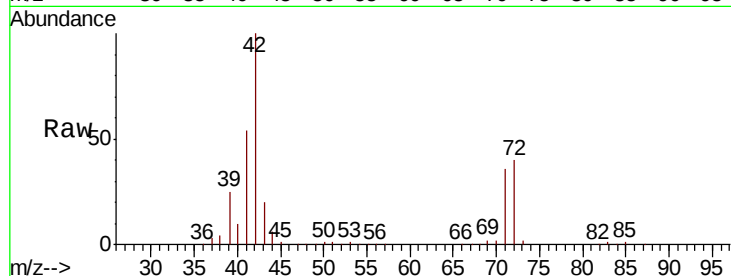
#29
Tetrahydrofuran
Concen: 93.614 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX005782.D
Acq: 05 Nov 2018 16:57

Instrument :
MSVOA_X
ClientSampleId :
VX1105WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.8	32.0	48.0
71	39.9	29.8	44.8

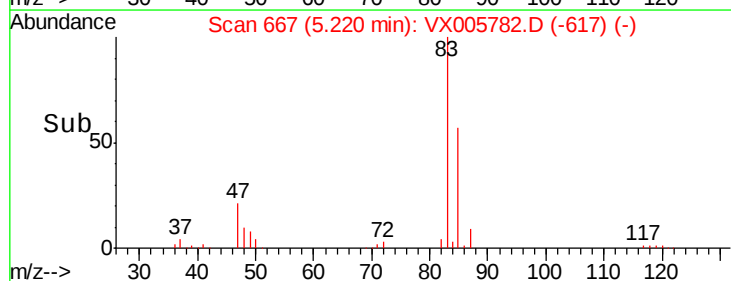
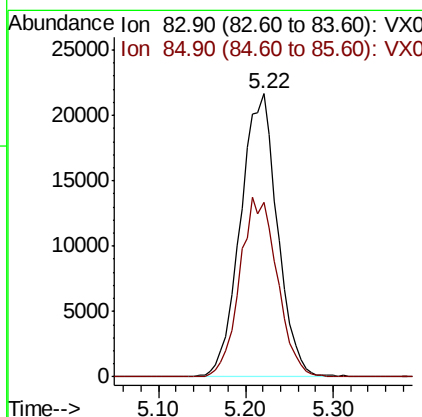
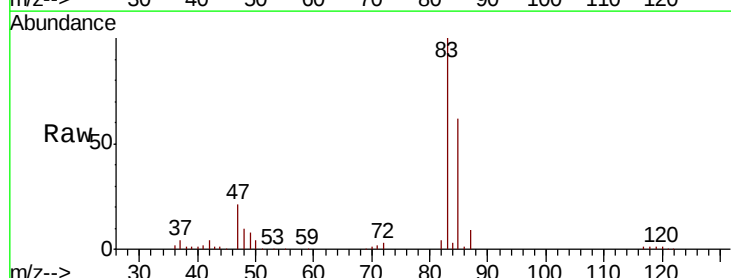
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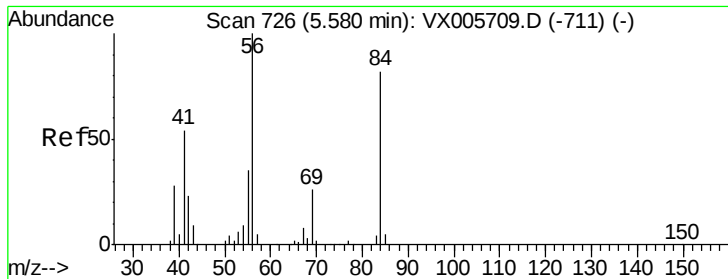
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#30
Chloroform
Concen: 18.635 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX005782.D
Acq: 05 Nov 2018 16:57

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.6	50.6	76.0





#31

Cyclohexane

Concen: 17.319 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX005782.D

Acq: 05 Nov 2018 16:57

Instrument :

MSVOA_X

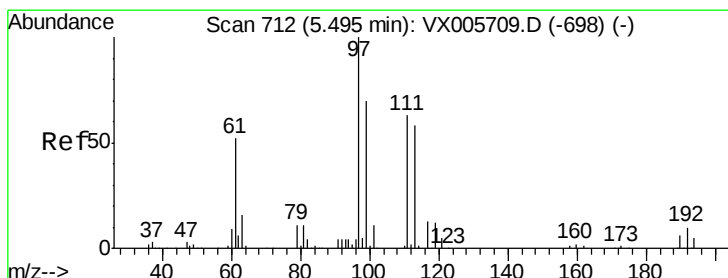
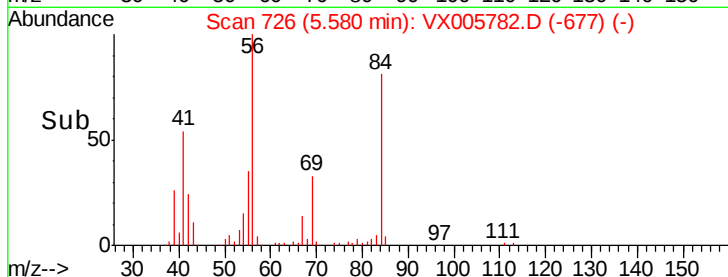
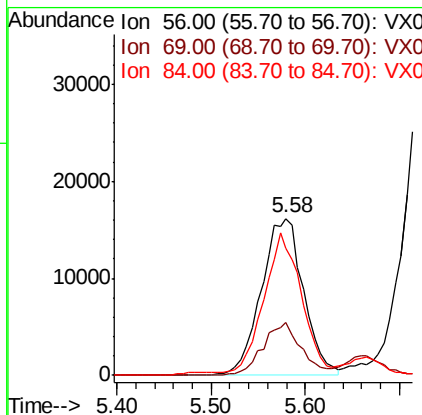
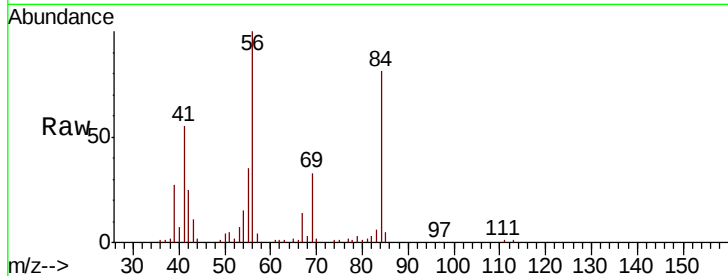
ClientSampleId :

VX1105WBSD01

Tot Ion:	56	Resp:	50497
Ion Ratio	Lower	Upper	
56	100		
69	33.4	22.6	34.0
84	79.3	62.7	94.1

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#32

1,1,1-Trichloroethane

Concen: 18.875 ug/l

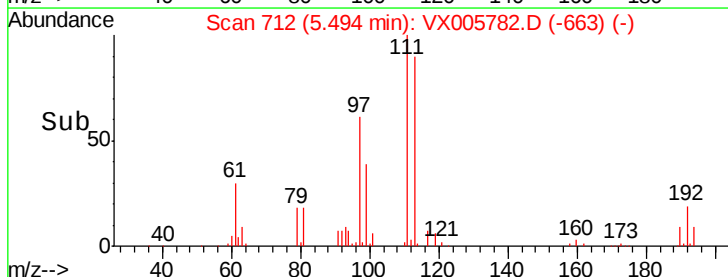
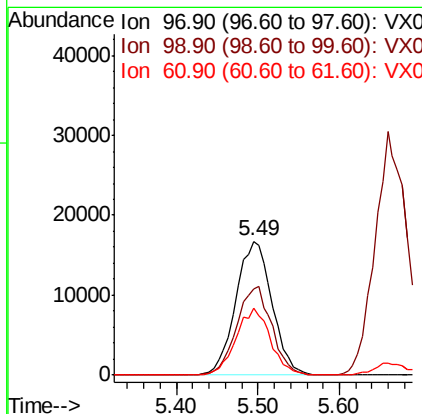
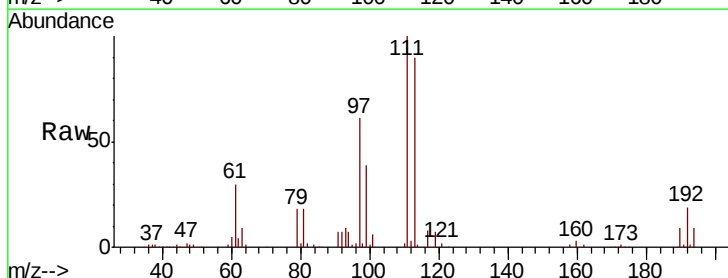
RT: 5.49 min Scan# 712

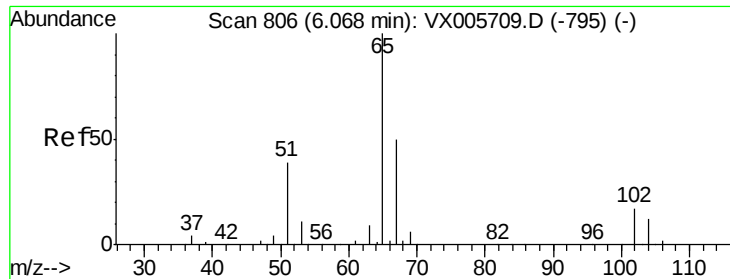
Delta R.T. -0.00 min

Lab File: VX005782.D

Acq: 05 Nov 2018 16:57

Tgt Ion:	97	Resp:	51495
Ion Ratio	Lower	Upper	
97	100		
99	64.1	52.3	78.5
61	47.4	35.2	52.8





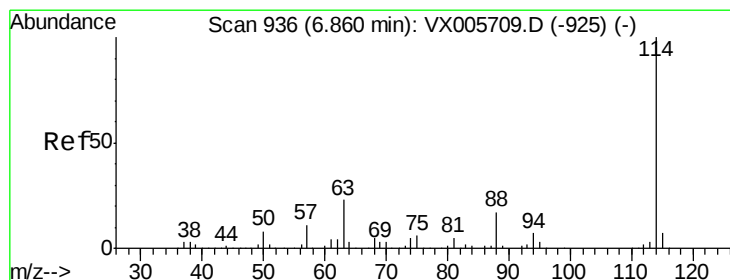
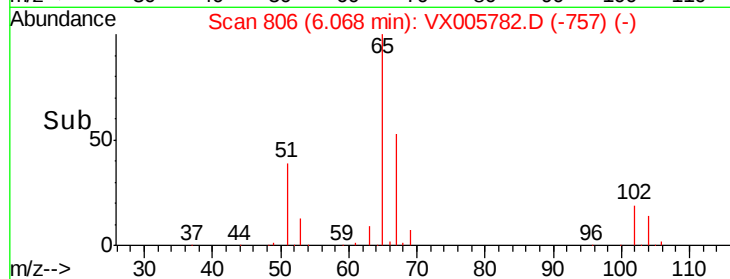
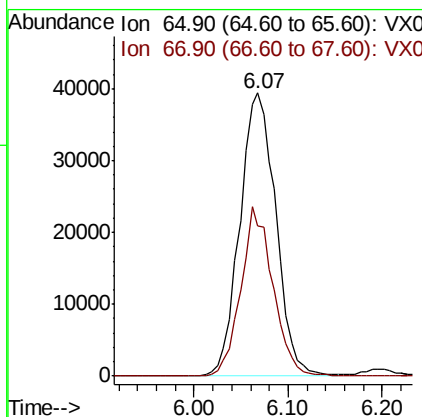
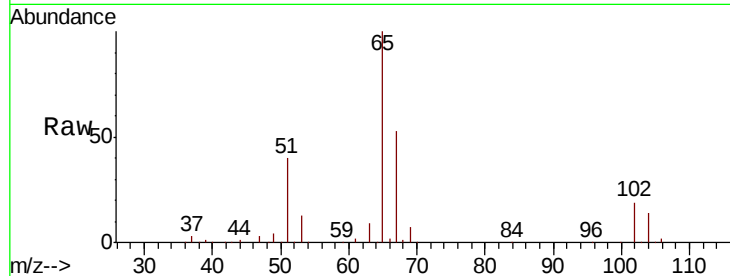
#33
 1,2-Dichloroethane-d4
 Concen: 48.306 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005782.D
 Acq: 05 Nov 2018 16:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1105WBSD01

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	105.0

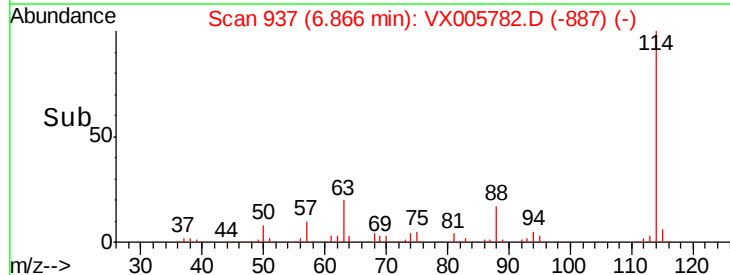
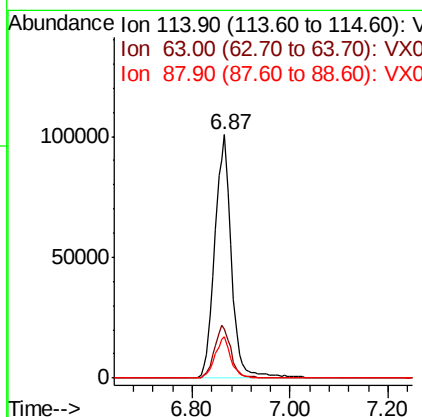
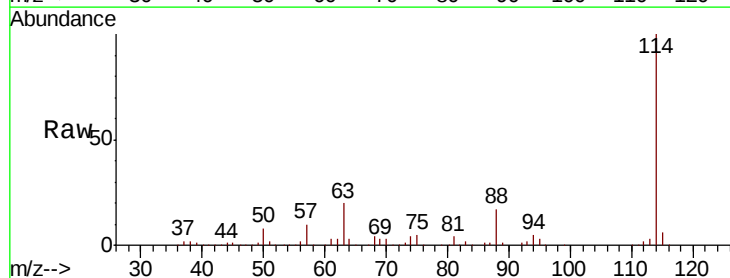
Manual Integrations
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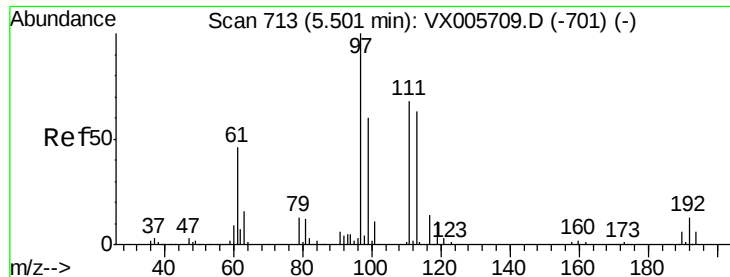
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX005782.D
 Acq: 05 Nov 2018 16:57

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	42.8
88	16.8	0.0	31.2





#35

Dibromofluoromethane

Concen: 51.221 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005782.D

Acq: 05 Nov 2018 16:57

Instrument :

MSVOA_X

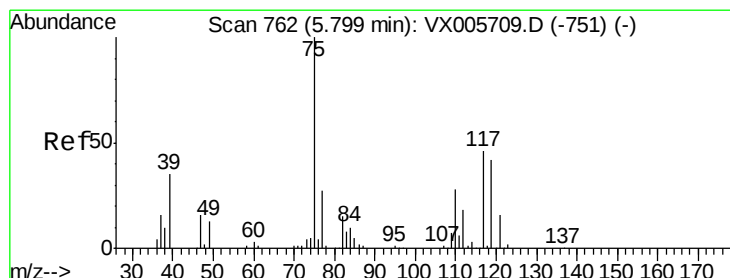
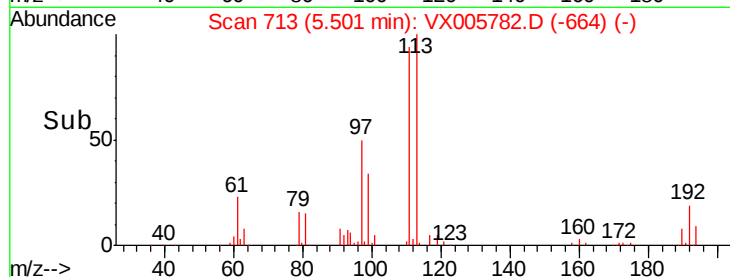
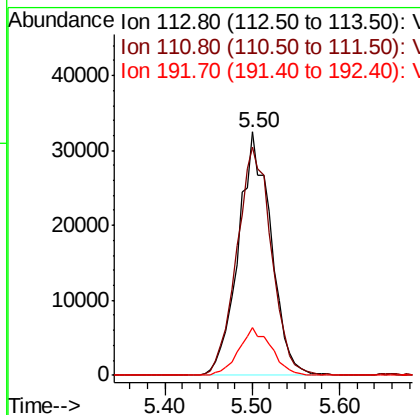
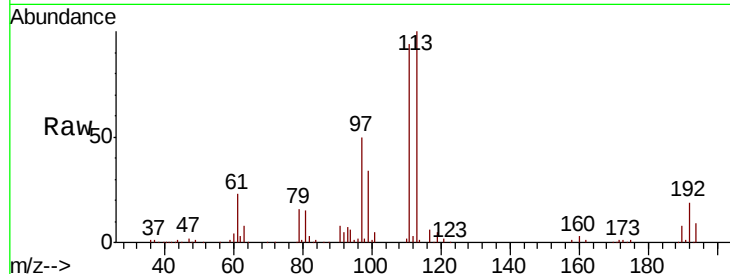
ClientSampleId :

VX1105WBSD01

Tot Ion:	113	Resp:	84400
Ion	Ratio	Lower	Upper
113	100		
111	99.3	82.3	123.5
192	19.6	17.9	26.9

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#36

1,1-Dichloropropene

Concen: 17.647 ug/l

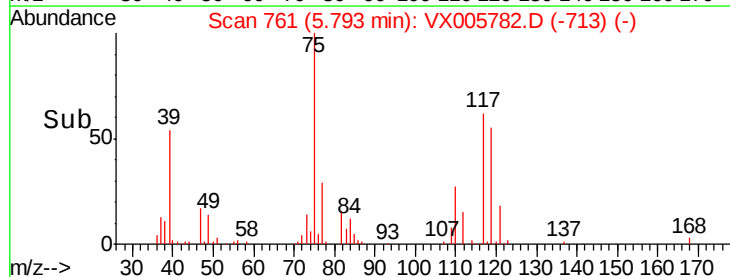
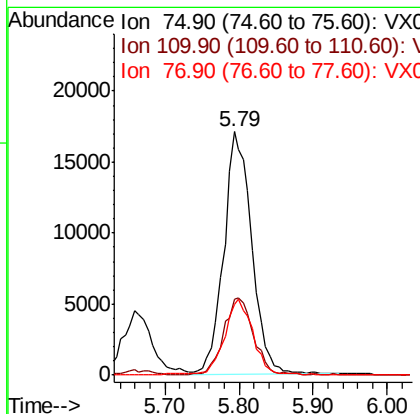
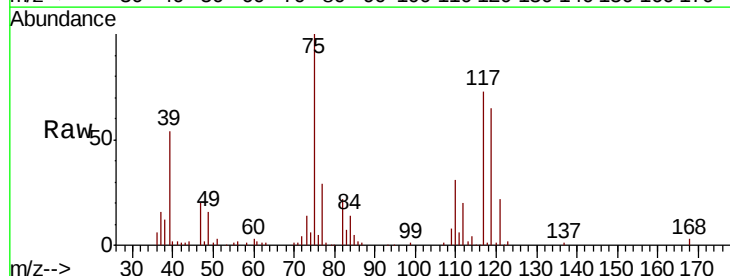
RT: 5.79 min Scan# 761

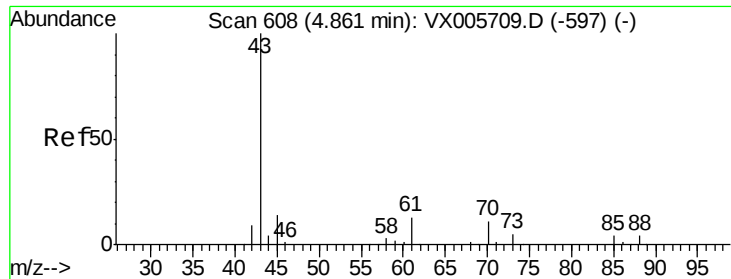
Delta R.T. -0.01 min

Lab File: VX005782.D

Acq: 05 Nov 2018 16:57

Tgt Ion:	75	Resp:	44743
Ion	Ratio	Lower	Upper
75	100		
110	33.9	17.4	52.2
77	32.3	25.8	38.6





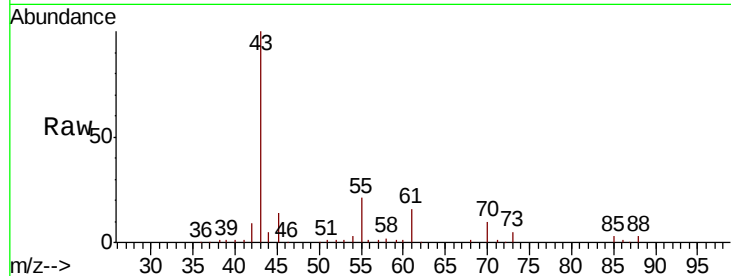
#37
Ethyl Acetate
Concen: 18.646 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX005782.D
Acq: 05 Nov 2018 16:57

Instrument :
MSVOA_X
ClientSampled :
VX1105WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.7	10.8	16.2
70	10.4	7.8	11.8

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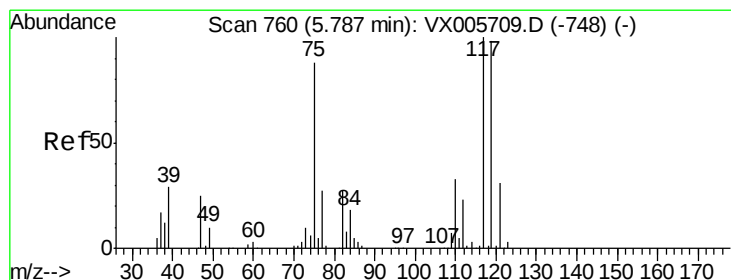
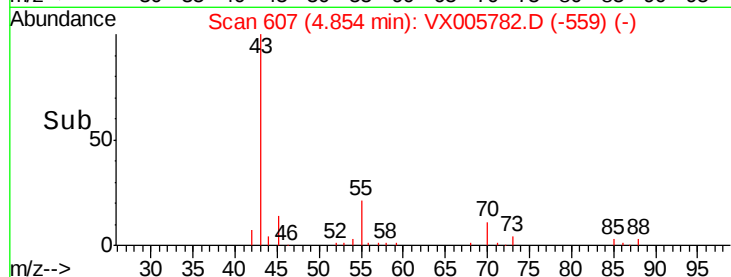
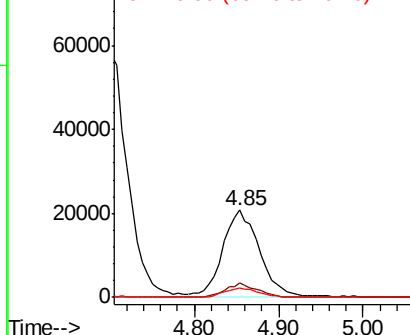


Abundance

Ion 43.00 (42.70 to 43.70): VX005709.D (-597) (-)

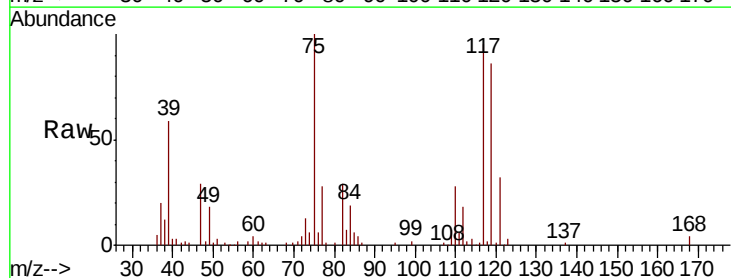
Ion 60.90 (60.60 to 61.60): VX005709.D (-597) (-)

Ion 70.00 (69.70 to 70.70): VX005709.D (-597) (-)



#38
Carbon Tetrachloride
Concen: 18.100 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX005782.D
Acq: 05 Nov 2018 16:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.4	78.1	117.1
121	33.9	24.6	36.8

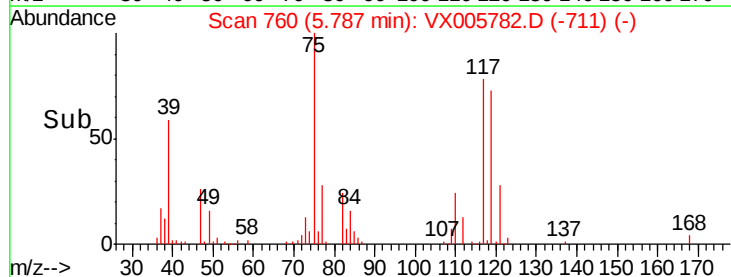
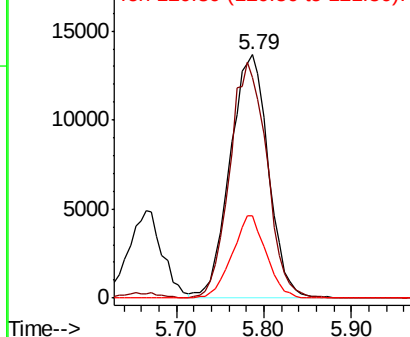


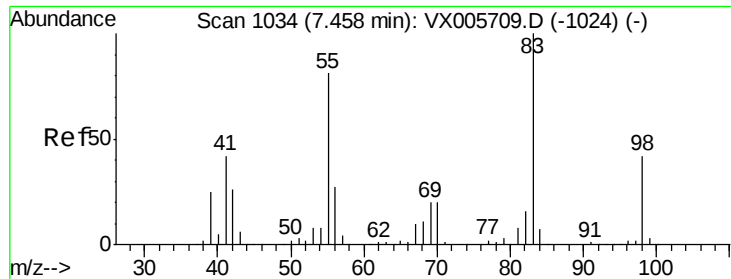
Abundance

Ion 116.80 (116.50 to 117.50): VX005709.D (-748) (-)

Ion 118.80 (118.50 to 119.50): VX005709.D (-748) (-)

Ion 120.80 (120.50 to 121.50): VX005709.D (-748) (-)





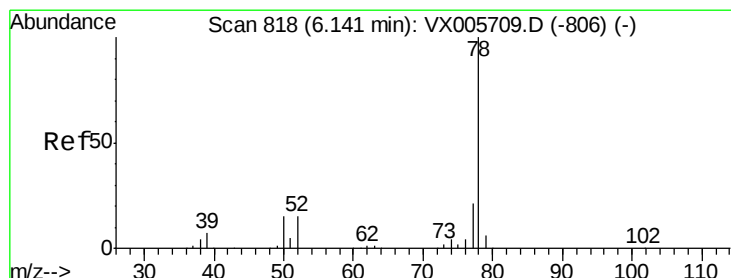
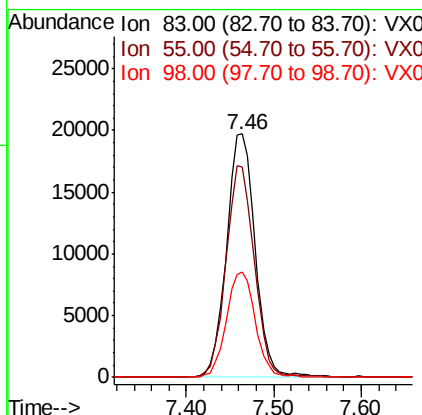
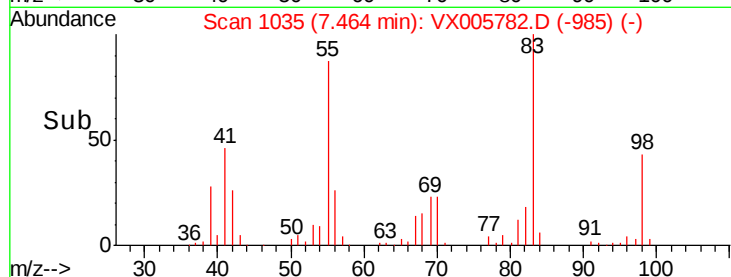
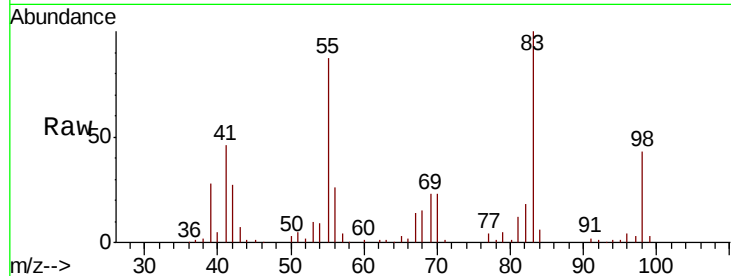
#39
Methvlcvclohexane
Concen: 17.012 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX005782.D
Acq: 05 Nov 2018 16:57

Instrument :
MSVOA_X
ClientSampleId :
VX1105WBSD01

Tot Ion	83.00	Resp	44984
Ion Ratio	Lower	Upper	
83	100		
55	86.6	63.7	95.5
98	43.0	36.2	54.2

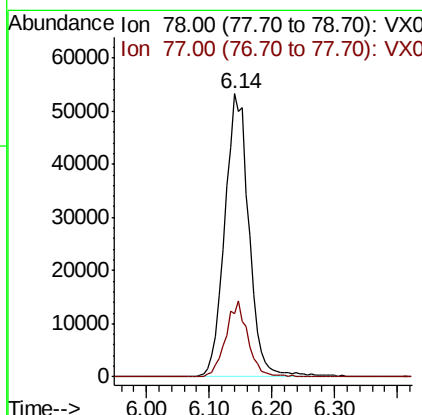
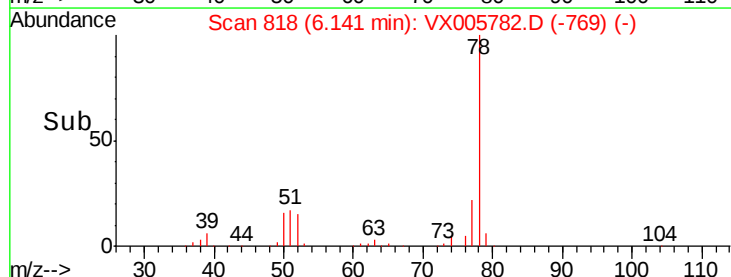
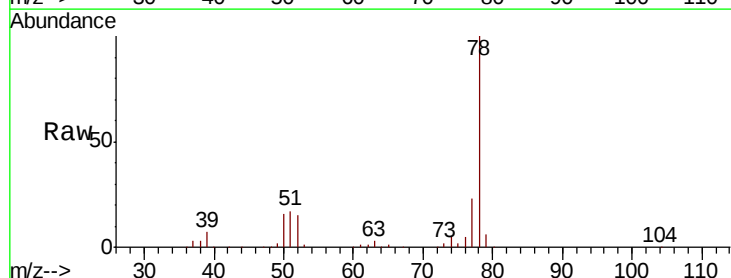
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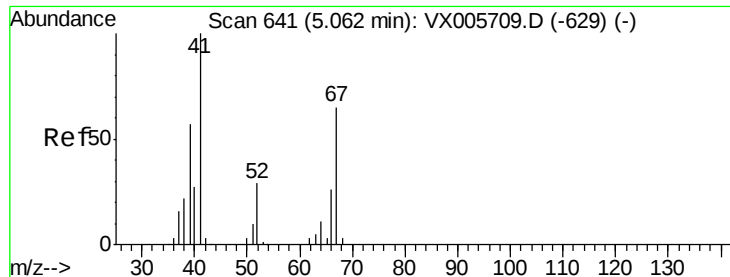
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#40
Benzene
Concen: 18.923 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX005782.D
Acq: 05 Nov 2018 16:57

Tgt Ion	78	Resp	142735
Ion Ratio	Lower	Upper	
78	100		
77	22.5	18.4	27.6





#41

Methacrylonitrile

Concen: 17.935 ug/l

RT: 5.06 min Scan# 641

Delta R.T. -0.00 min

Lab File: VX005782.D

Acq: 05 Nov 2018 16:57

Instrument :

MSVOA_X

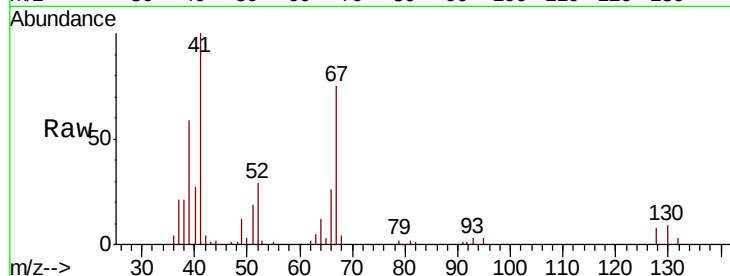
ClientSampleId :

VX1105WBSD01

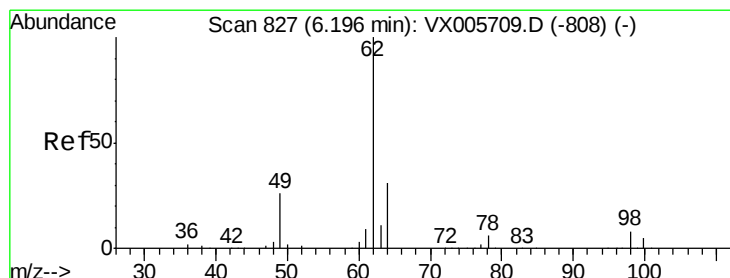
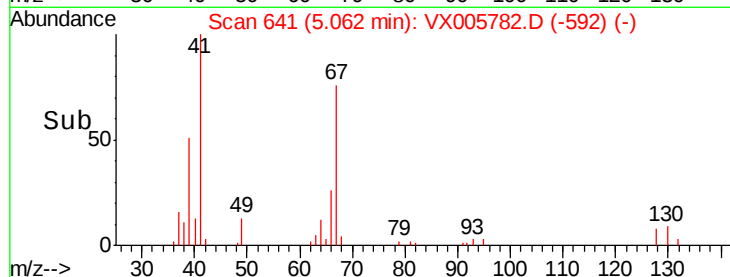
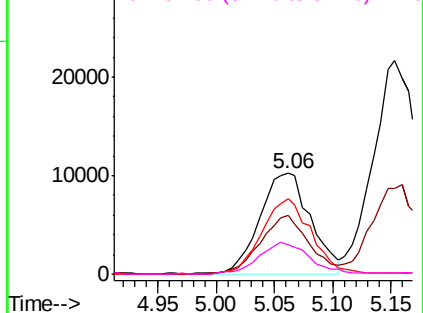
Tot Ion:	41	Resp:	31347
Ion	Ratio	Lower	Upper
41	100		
39	55.3	42.2	63.2
67	72.6	53.4	80.0
52	31.3	23.4	35.2

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



#42

1,2-Dichloroethane

Concen: 18.451 ug/l

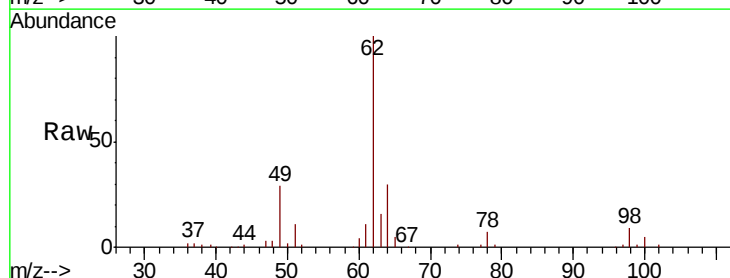
RT: 6.20 min Scan# 828

Delta R.T. 0.01 min

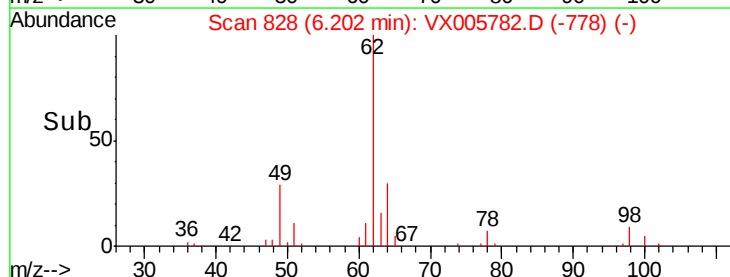
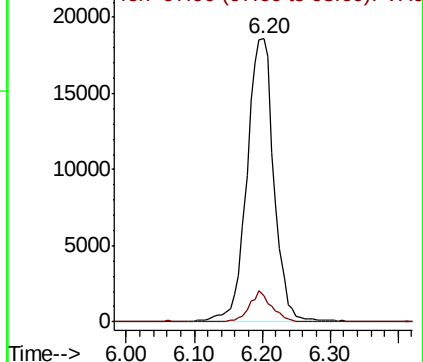
Lab File: VX005782.D

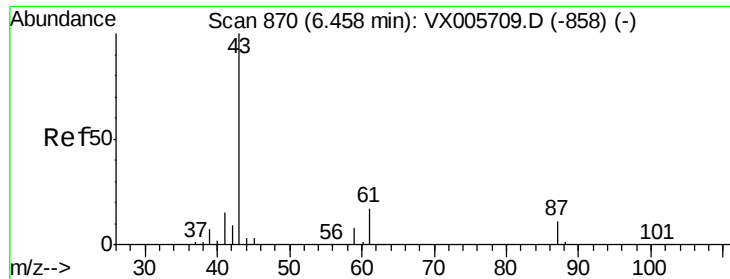
Acq: 05 Nov 2018 16:57

Tgt Ion:	62	Resp:	51443
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.8



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





#43

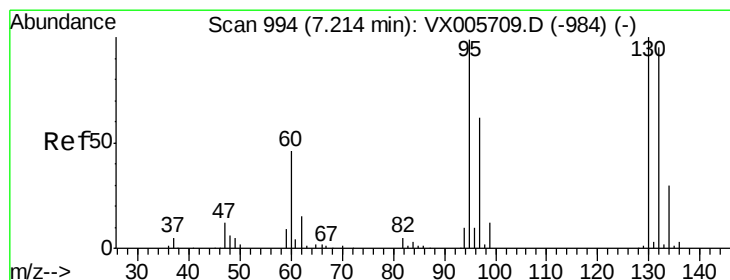
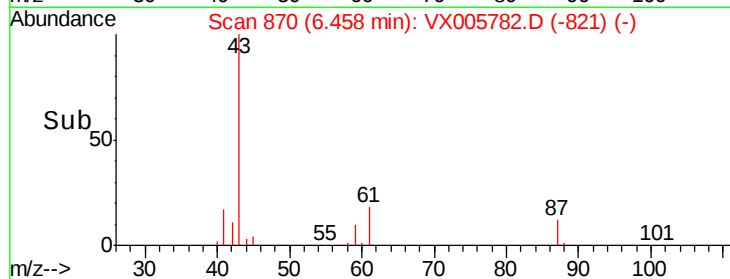
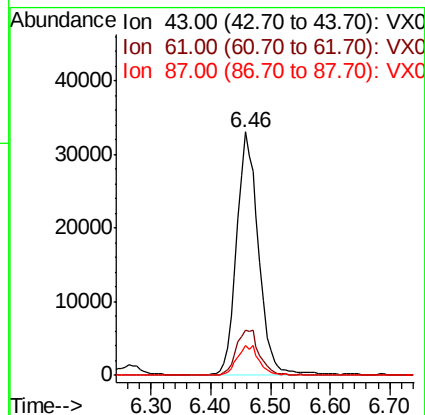
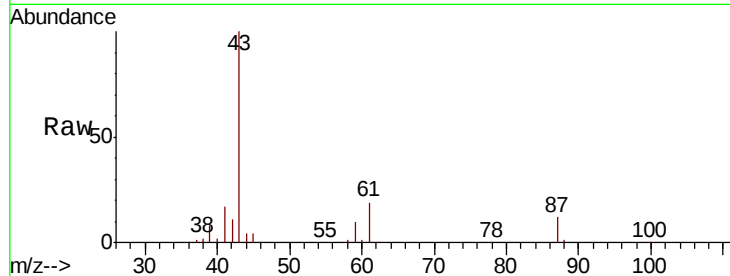
Isopropyl Acetate
 Concen: 18.140 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: VX005782.D
 Acq: 05 Nov 2018 16:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1105WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.5	14.6	22.0
87	12.2	9.6	14.4

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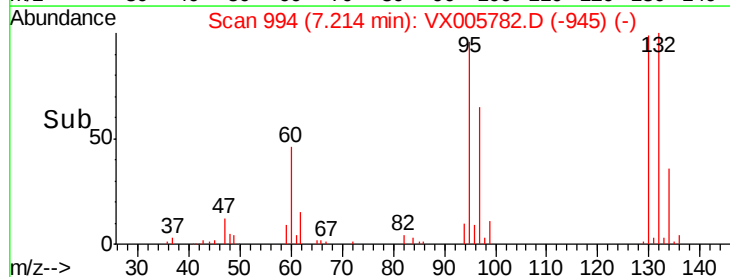
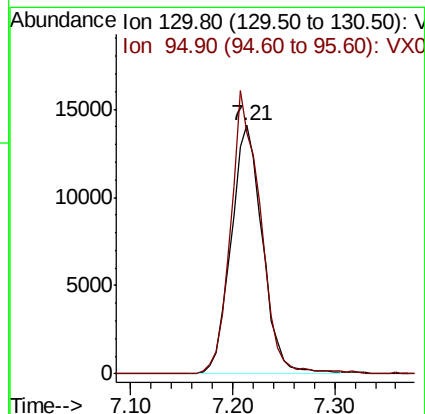
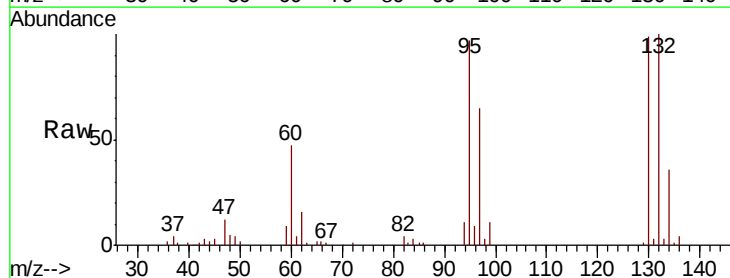
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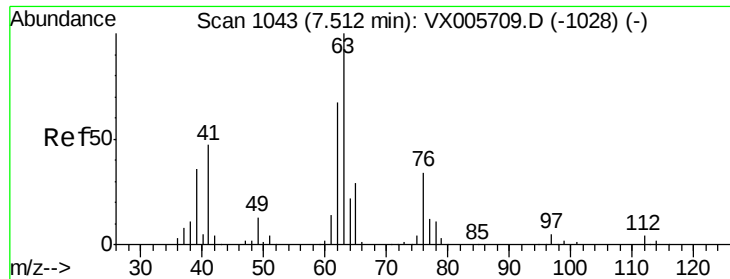


#44

Trichloroethene
 Concen: 17.230 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX005782.D
 Acq: 05 Nov 2018 16:57

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.3	0.0	194.2





#45

1,2-Dichloropropane

Concen: 18.663 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX005782.D

Acq: 05 Nov 2018 16:57

Instrument :

MSVOA_X

ClientSampleId :

VX1105WBSD01

Tot Ion: 63 Resp: 36075

Ion Ratio Lower Upper

63 100

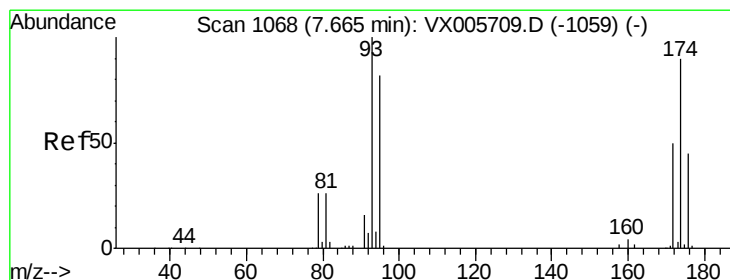
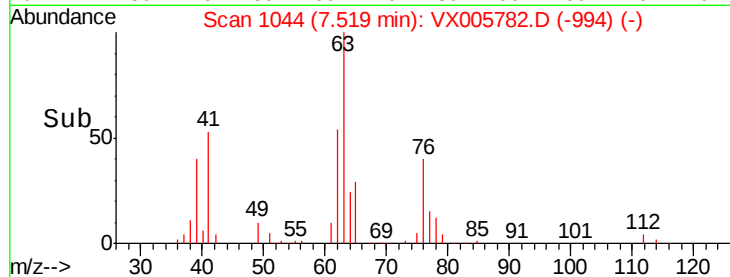
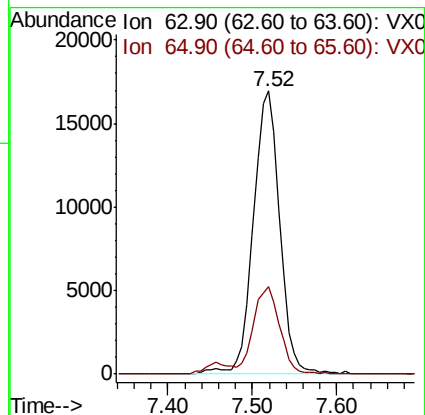
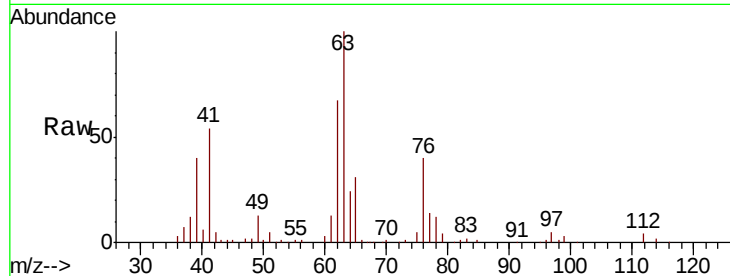
65 30.9 24.8 37.2

Manual Integrations

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#46

Dibromomethane

Concen: 17.700 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VX005782.D

Acq: 05 Nov 2018 16:57

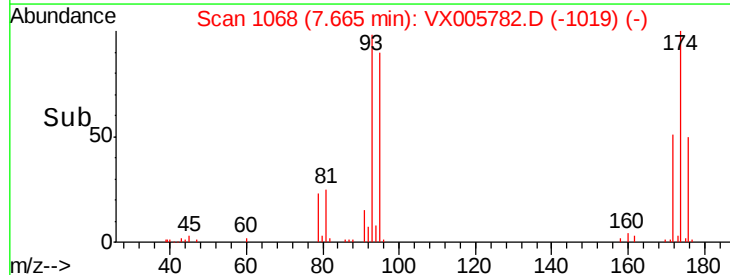
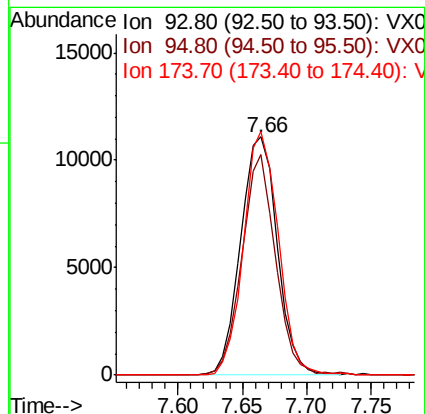
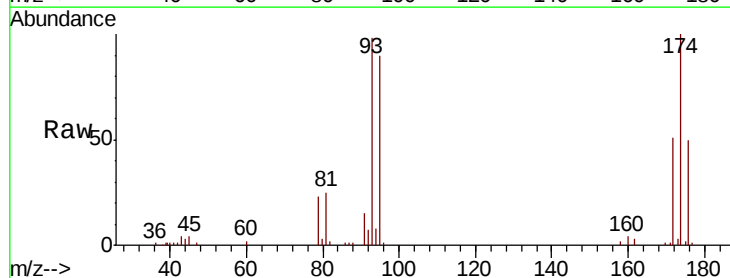
Tgt Ion: 93 Resp: 21865

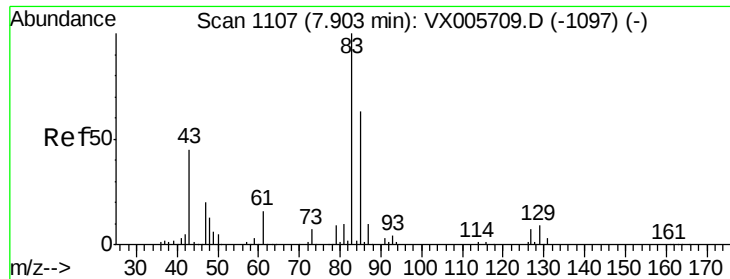
Ion Ratio Lower Upper

93 100

95 84.8 67.4 101.0

174 96.8 91.5 137.3





#47

Bromodichloromethane

Concen: 17.905 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VX005782.D

Acq: 05 Nov 2018 16:57

Instrument :

MSVOA_X

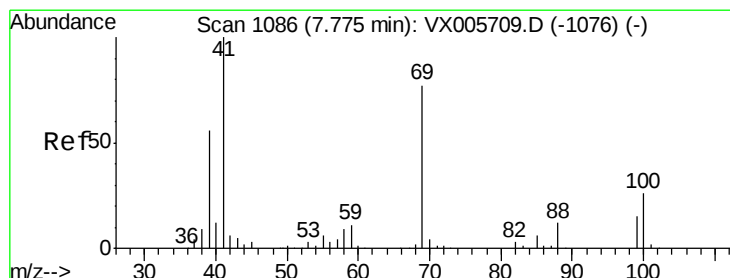
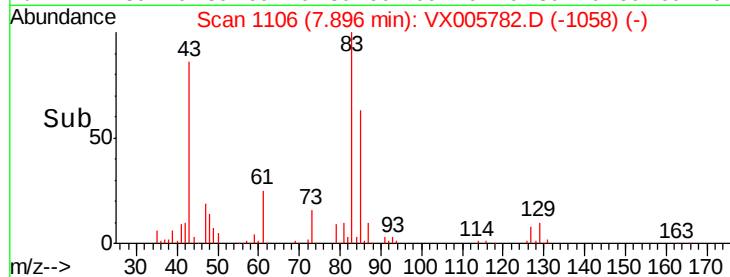
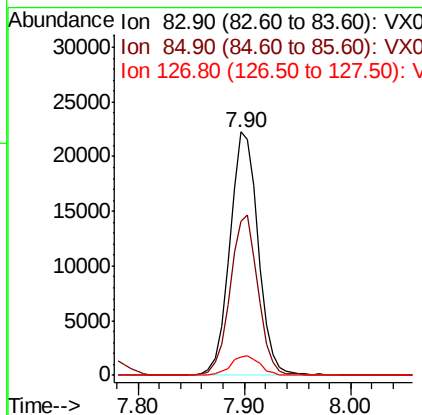
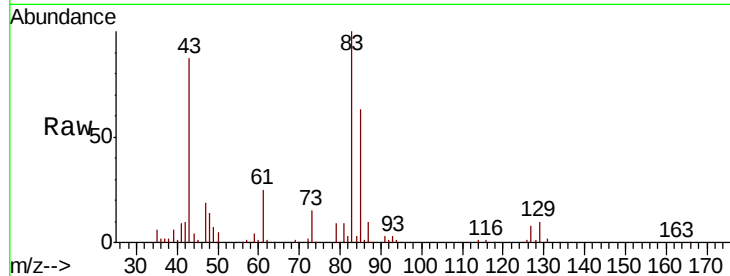
ClientSampleId :

VX1105WBSD01

Tot Ion:	83	Resp:	41489
Ion	Ratio	Lower	Upper
83	100		
85	63.3	50.2	75.4
127	7.7	6.9	10.3

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#48

Methyl methacrylate

Concen: 17.880 ug/l

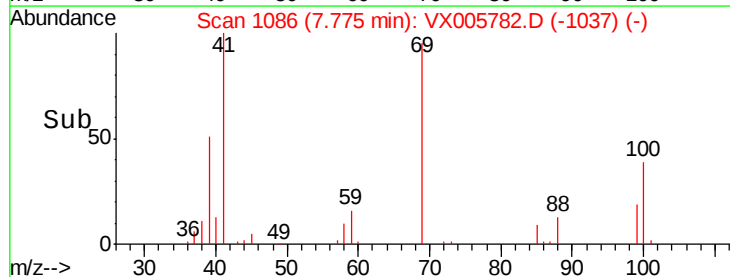
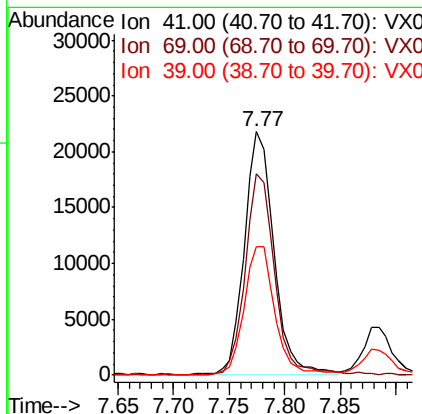
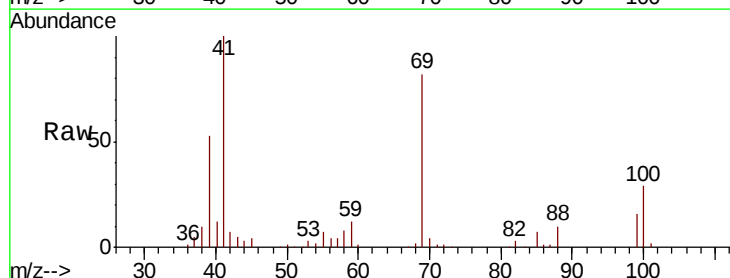
RT: 7.77 min Scan# 1086

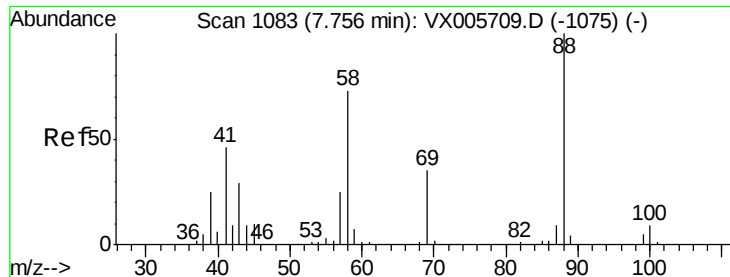
Delta R.T. -0.00 min

Lab File: VX005782.D

Acq: 05 Nov 2018 16:57

Tgt Ion:	41	Resp:	40628
Ion	Ratio	Lower	Upper
41	100		
69	82.9	63.2	94.8
39	54.0	42.2	63.2





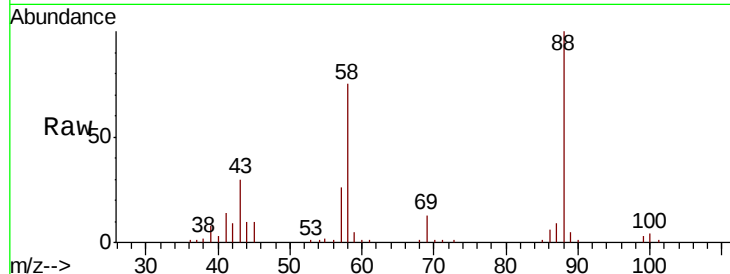
#49
1,4-Dioxane
Concen: 351.864 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX005782.D
Acq: 05 Nov 2018 16:57

Instrument :
MSVOA_X
ClientSampleId :
VX1105WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.6	27.4	41.0
58	76.4	59.4	89.2

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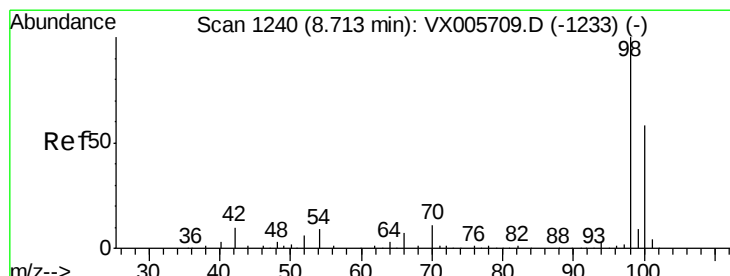
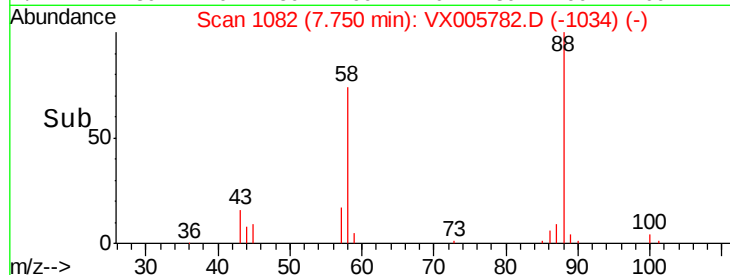
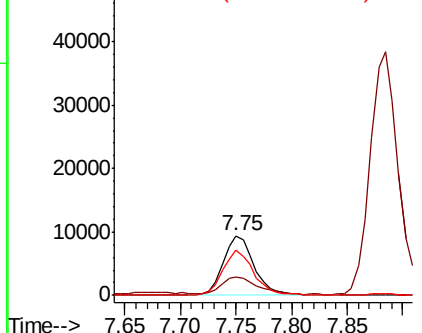


Abundance

Ion 88.00 (87.70 to 88.70): VX0

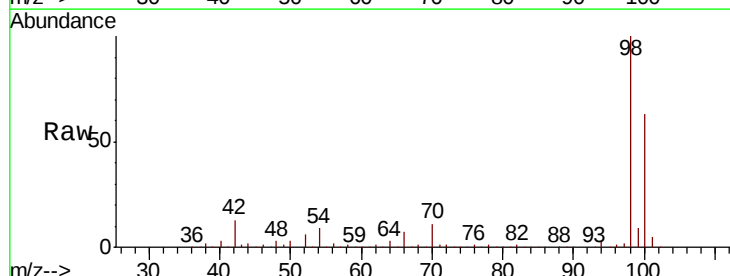
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 49.192 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005782.D
Acq: 05 Nov 2018 16:57

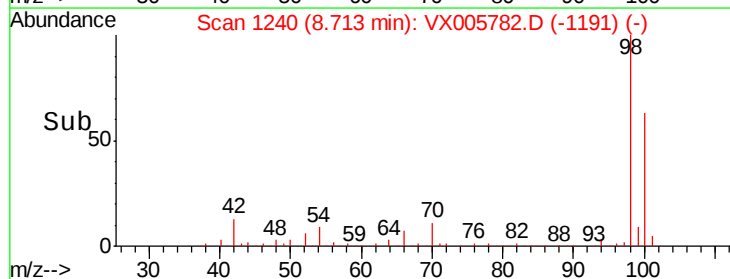
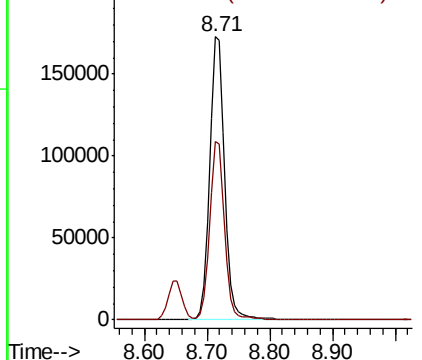
Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.5	51.3	76.9

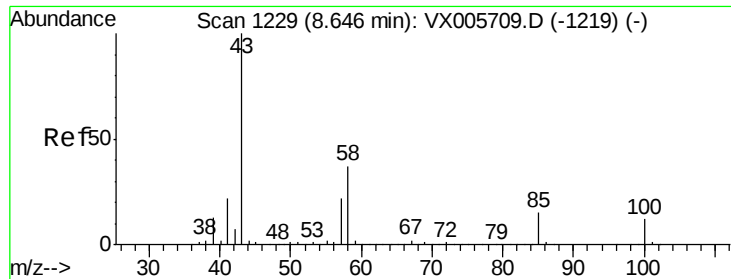


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 91.166 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX005782.D

Acq: 05 Nov 2018 16:57

Instrument :

MSVOA_X

ClientSampleId :

VX1105WBSD01

Tot Ion: 43 Resp: 291849

Ion Ratio Lower Upper

43 100

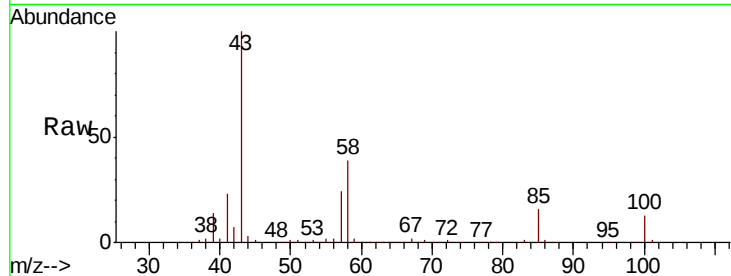
58 38.8 29.7 44.5

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

200000

150000

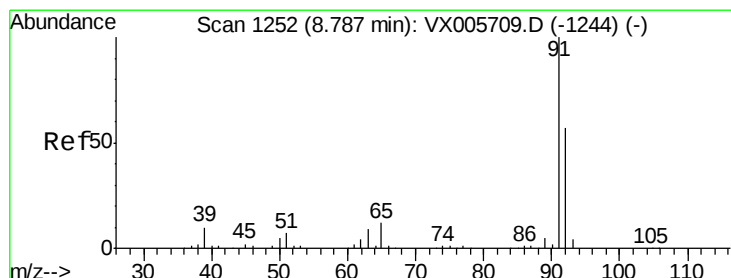
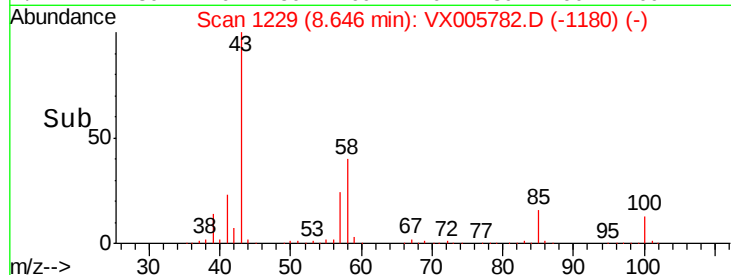
100000

50000

0

8.55 8.60 8.65 8.70

Time-->



#52

Toluene

Concen: 18.280 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005782.D

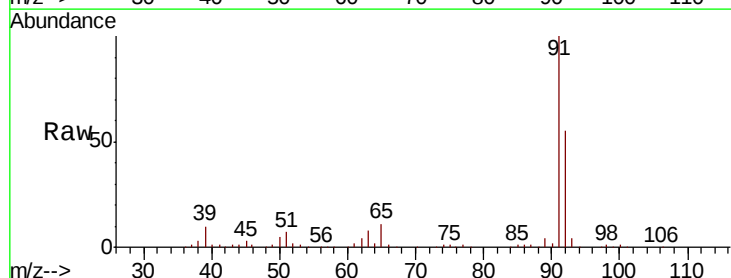
Acq: 05 Nov 2018 16:57

Tgt Ion: 92 Resp: 74581

Ion Ratio Lower Upper

92 100

91 181.7 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

100000

80000

60000

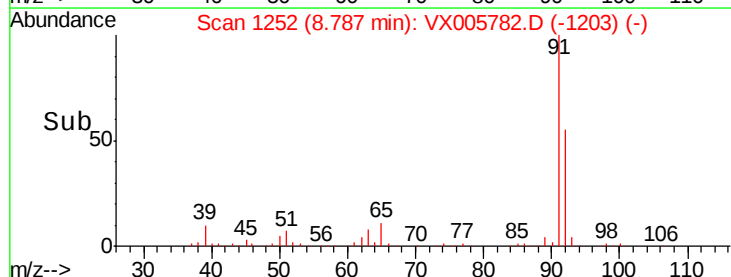
40000

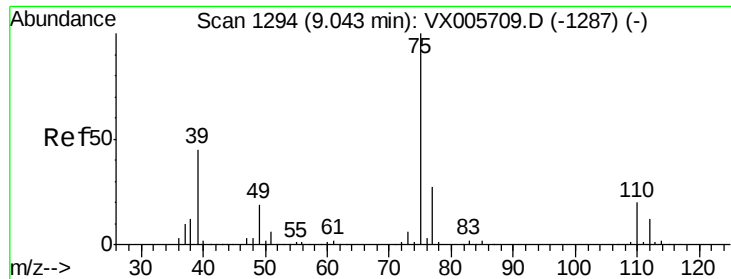
20000

0

8.70 8.80 8.90

Time-->





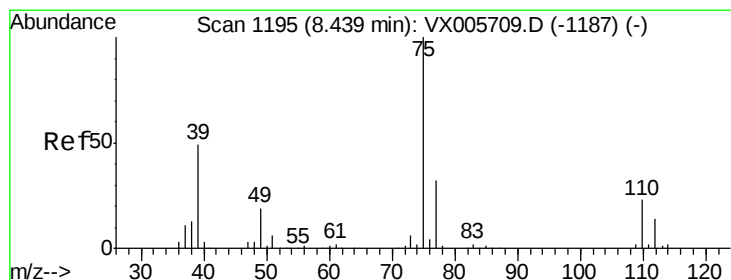
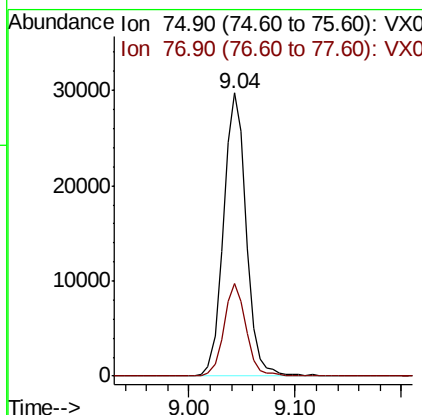
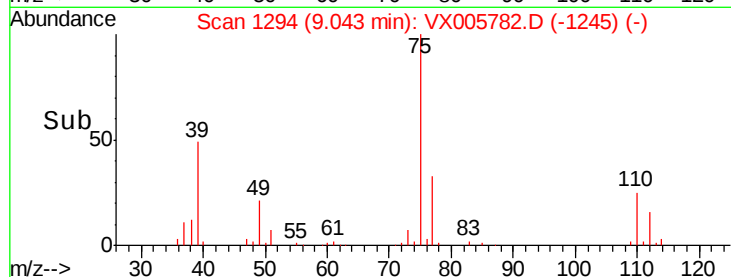
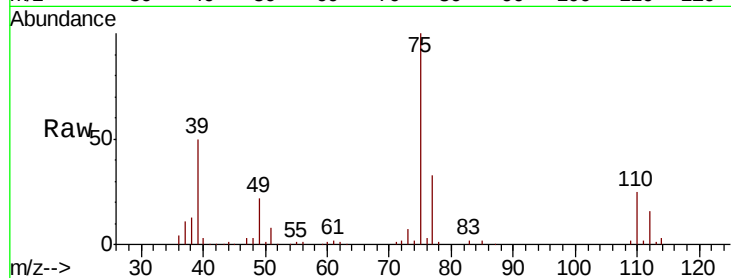
#53
t-1,3-Dichloropropene
Concen: 17.698 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX005782.D
Acq: 05 Nov 2018 16:57

Instrument :
MSVOA_X
ClientSampleId :
VX1105WBSD01

Tot Ion: 75 Resp: 44444
Ion Ratio Lower Upper
75 100
77 32.8 25.4 38.2

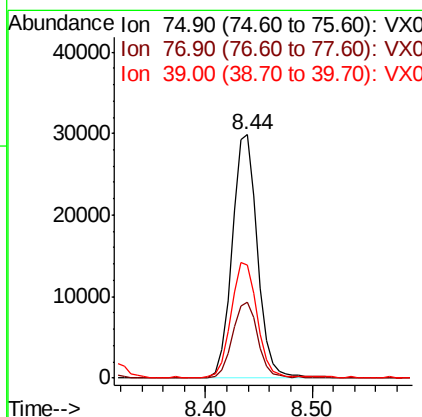
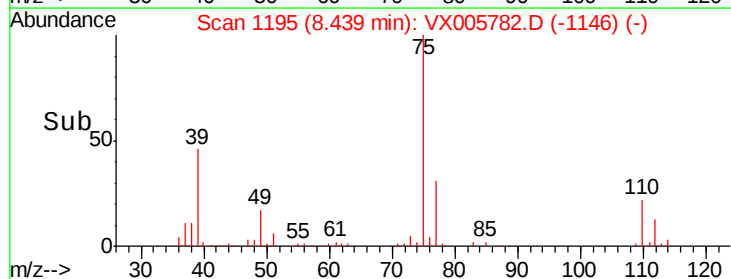
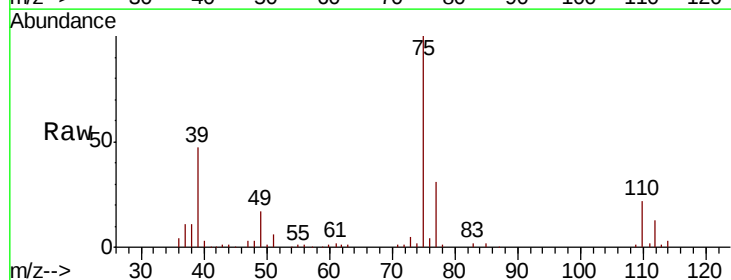
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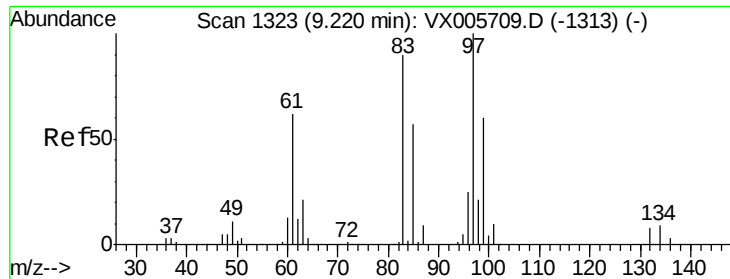
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#54
cis-1,3-Dichloropropene
Concen: 18.543 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. -0.00 min
Lab File: VX005782.D
Acq: 05 Nov 2018 16:57

Tgt Ion: 75 Resp: 49888
Ion Ratio Lower Upper
75 100
77 31.1 25.2 37.8
39 46.3 38.2 57.2





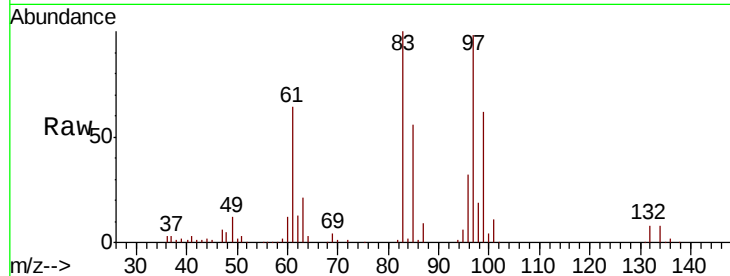
#55
 1,1,2-Trichloroethane
 Concen: 18.796 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: VX005782.D
 Acq: 05 Nov 2018 16:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1105WBSD01

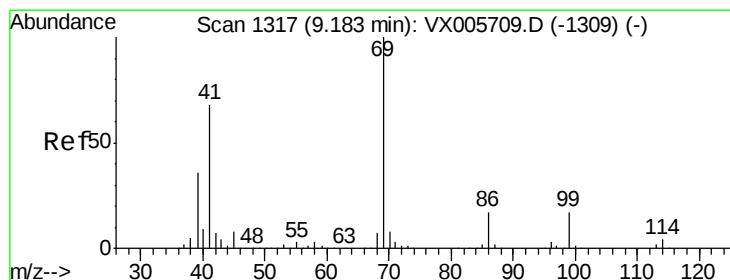
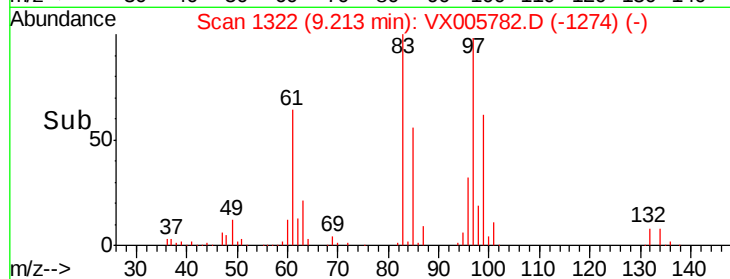
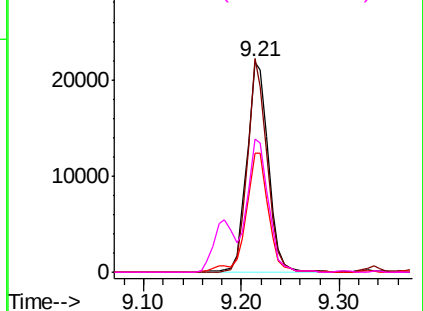
Tot Ion:	97	Resp:	33304
Ion	Ratio	Lower	Upper
97	100		
83	101.6	70.7	106.1
85	56.5	45.8	68.6
99	63.4	51.8	77.8

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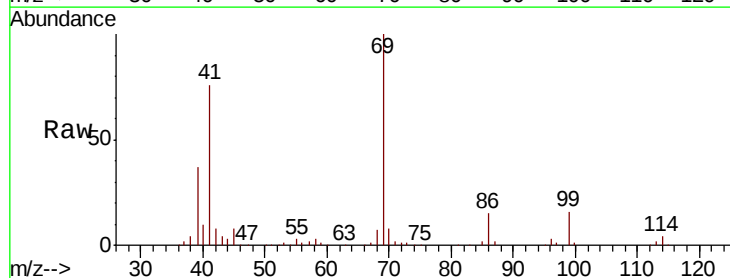


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

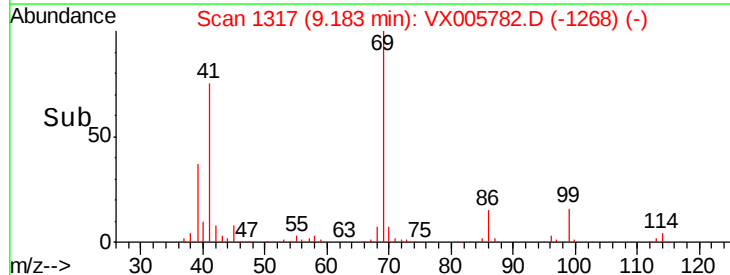
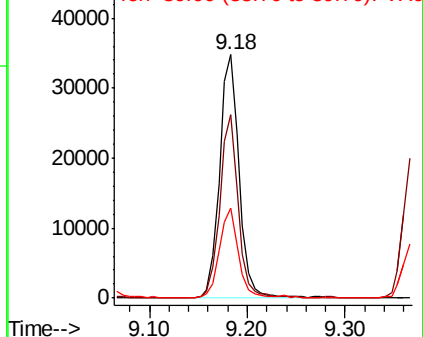


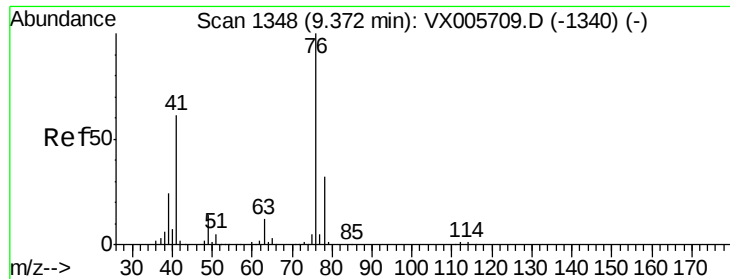
#56
 Ethyl methacrylate
 Concen: 17.667 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX005782.D
 Acq: 05 Nov 2018 16:57

Tgt Ion:	69	Resp:	48081
Ion	Ratio	Lower	Upper
69	100		
41	71.6	57.0	85.6
39	35.7	28.3	42.5



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





#57

1,3-Dichloropropane

Concen: 18.448 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX005782.D

Acq: 05 Nov 2018 16:57

Instrument :

MSVOA_X

ClientSampleId :

VX1105WBSD01

Tot Ion: 76 Resp: 56149

Ion Ratio Lower Upper

76 100

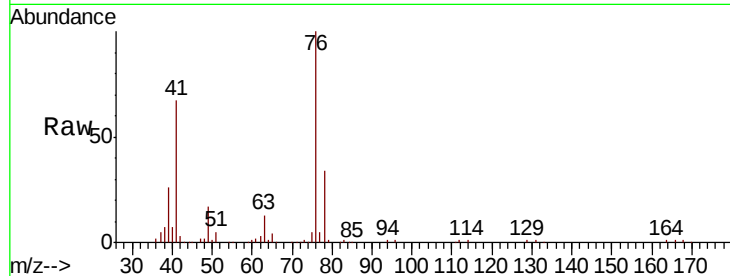
78 33.8 25.3 37.9

Manual Integrations

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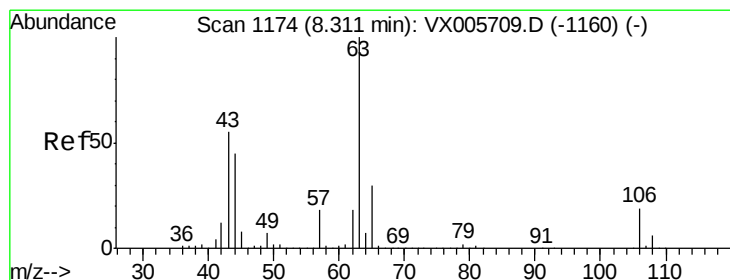
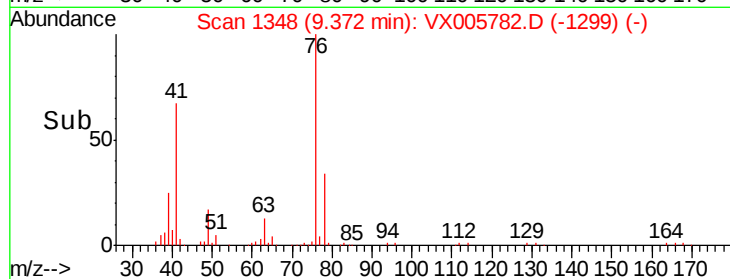
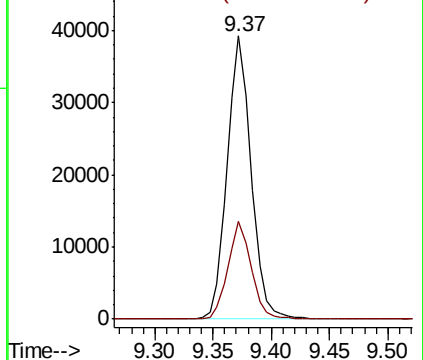
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 97.130 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX005782.D

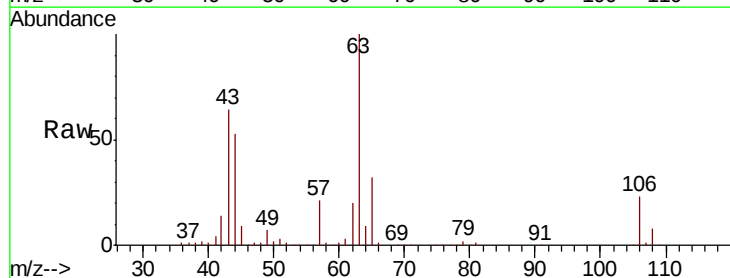
Acq: 05 Nov 2018 16:57

Tgt Ion: 63 Resp: 154658

Ion Ratio Lower Upper

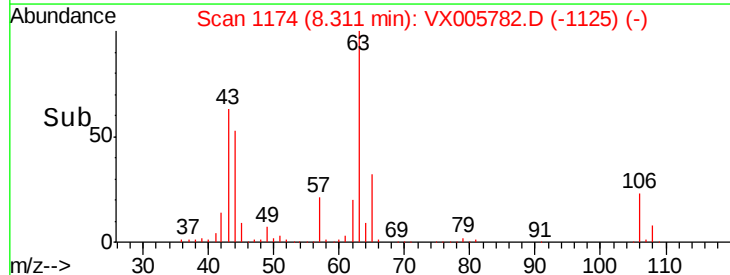
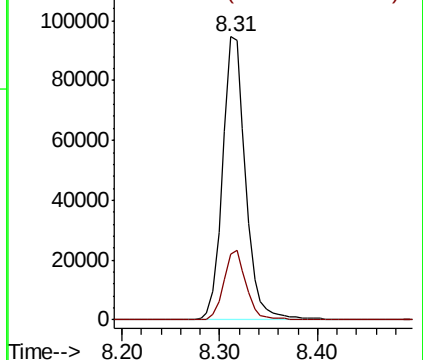
63 100

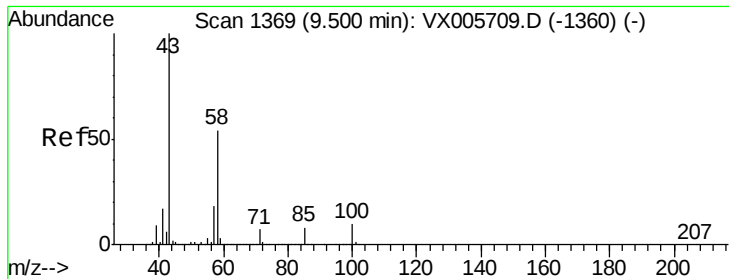
106 24.2 21.3 31.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





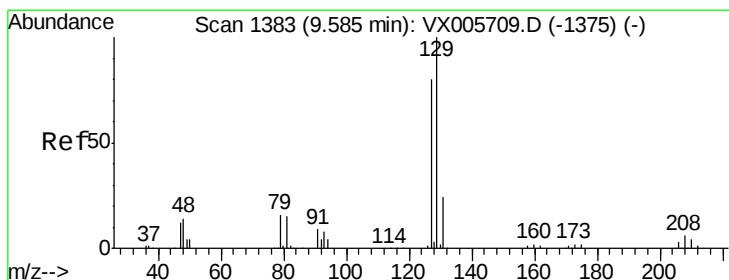
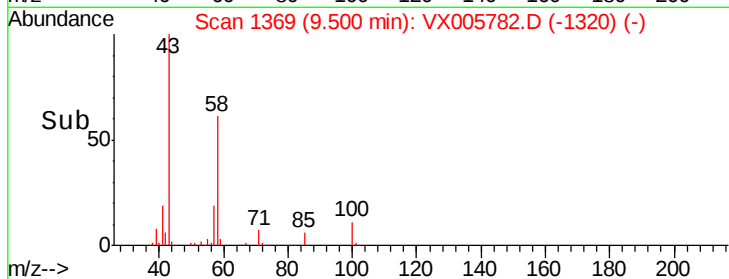
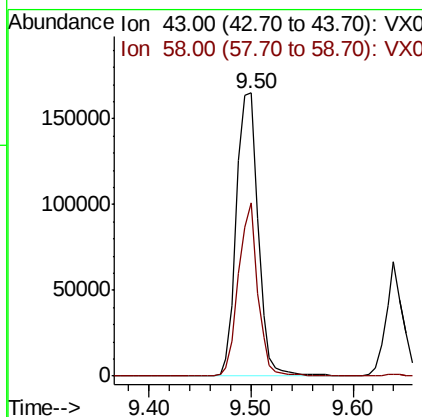
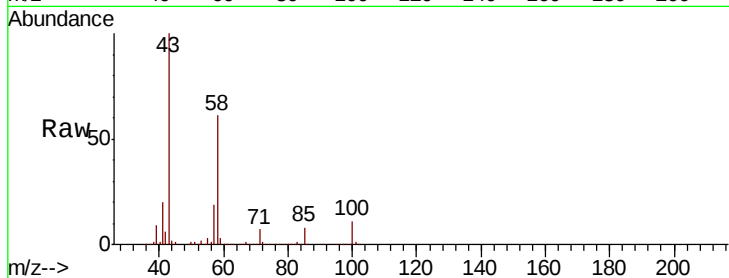
#59
2-Hexanone
Concen: 92.940 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX005782.D
Acq: 05 Nov 2018 16:57

Instrument :
MSVOA_X
ClientSampleId :
VX1105WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.4	25.9	77.8

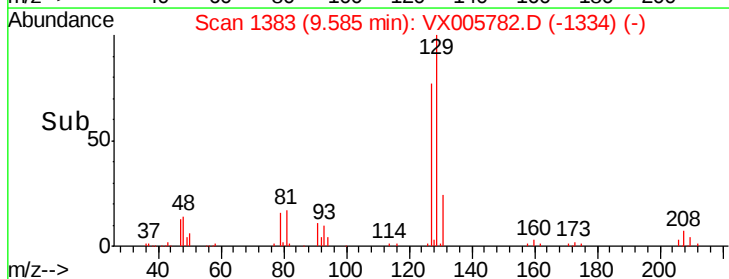
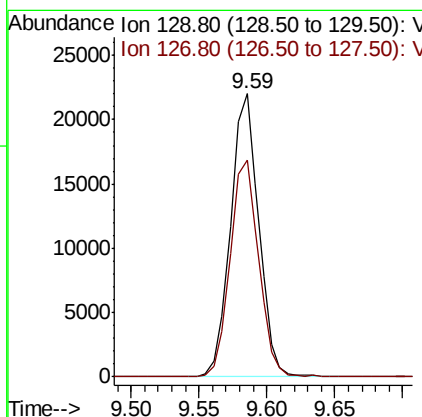
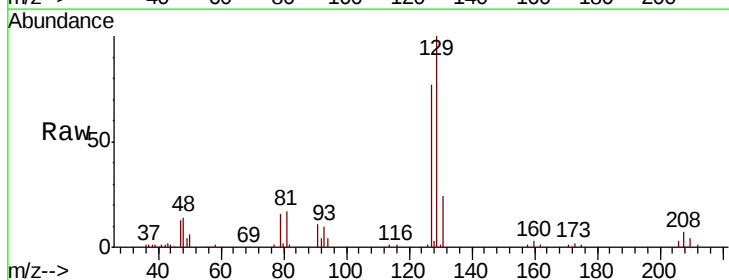
Manual Integrations
APPROVED

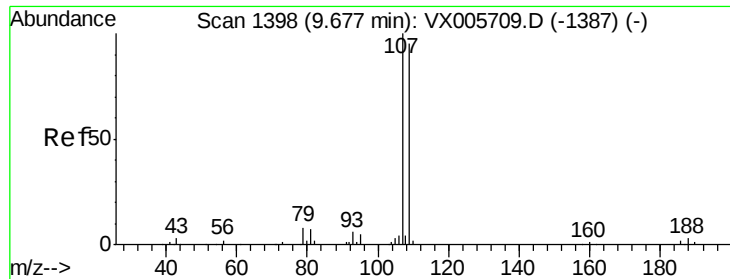
apatel
11/6/2018 8:27:01 AM



#60
Dibromochloromethane
Concen: 18.518 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005782.D
Acq: 05 Nov 2018 16:57

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.7	38.9	116.7





#61

1,2-Dibromoethane

Concen: 19.264 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.01 min

Lab File: VX005782.D

Acq: 05 Nov 2018 16:57

Instrument :

MSVOA_X

ClientSampleId :

VX1105WBSD01

Tot Ion:107 Resp: 34780

Ion Ratio Lower Upper

107 100

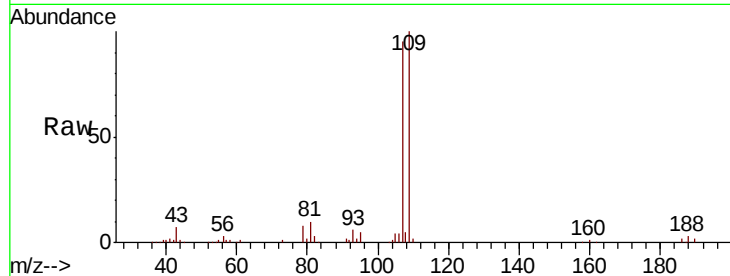
109 100.3 75.7 113.5

Manual Integrations

APPROVED

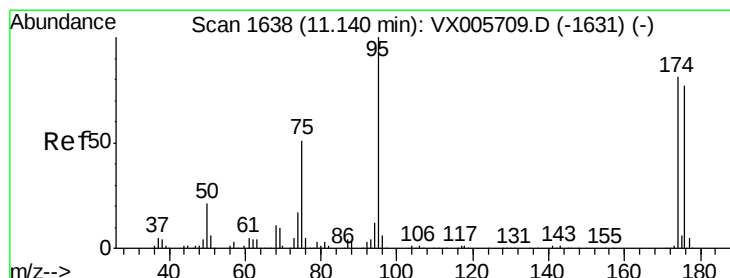
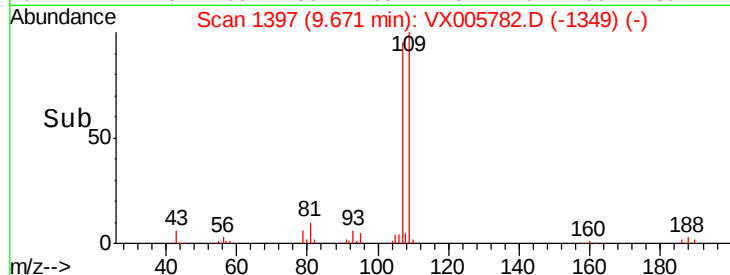
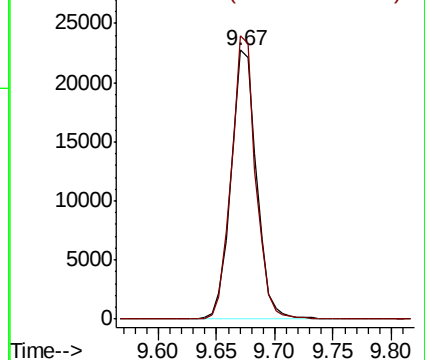
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.444 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005782.D

Acq: 05 Nov 2018 16:57

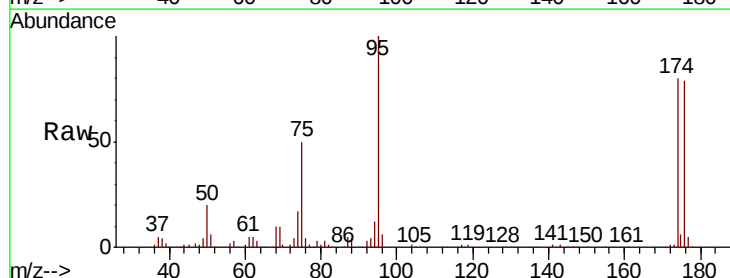
Tgt Ion: 95 Resp: 103328

Ion Ratio Lower Upper

95 100

174 78.3 0.0 184.4

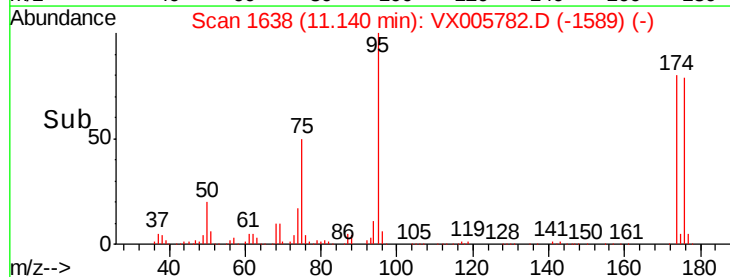
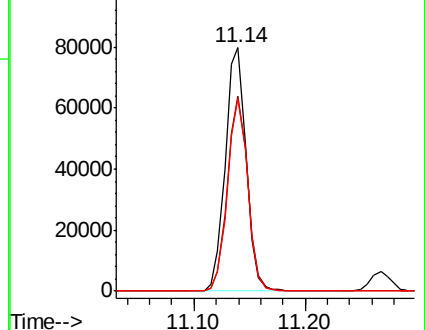
176 76.8 0.0 177.4

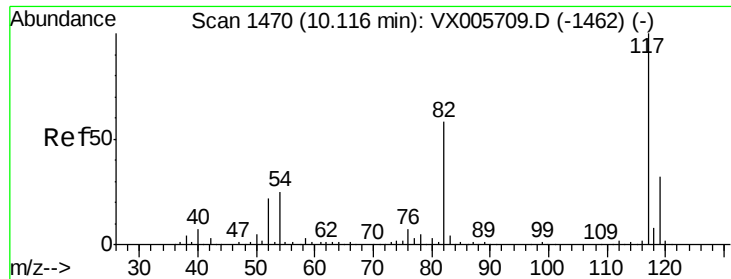


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





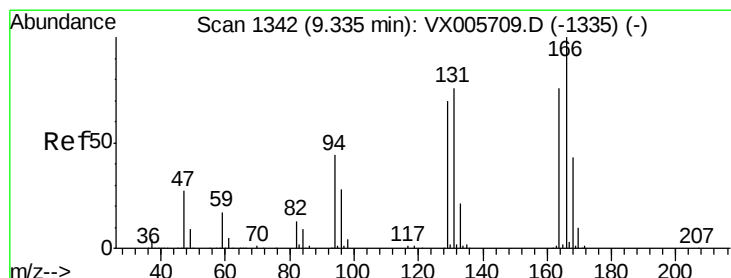
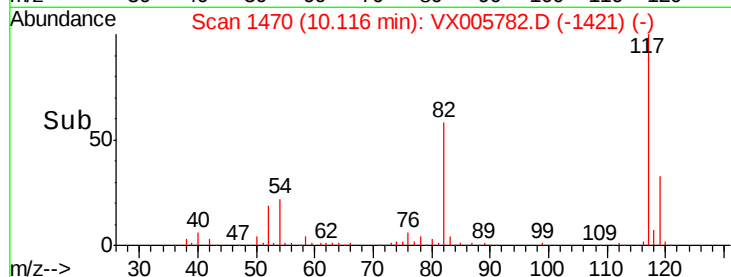
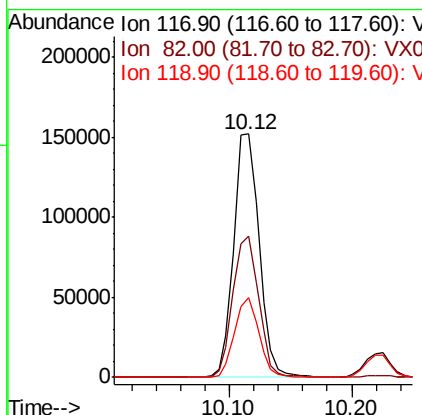
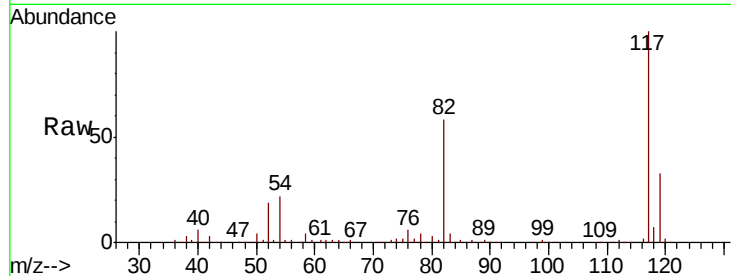
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005782.D
Acq: 05 Nov 2018 16:57

Instrument :
MSVOA_X
ClientSampleId :
VX1105WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.2	44.1	66.1
119	32.5	26.2	39.2

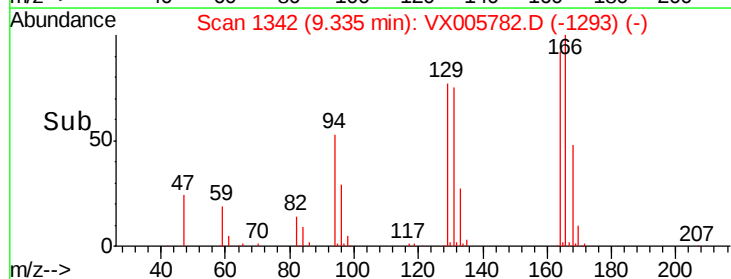
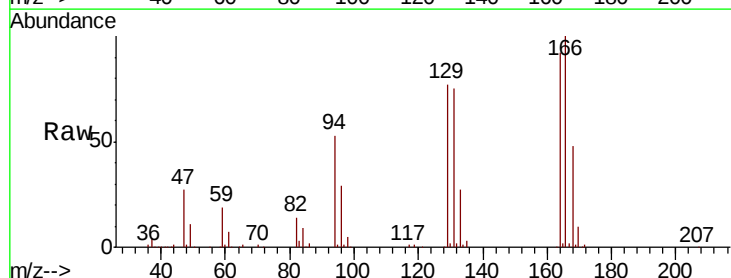
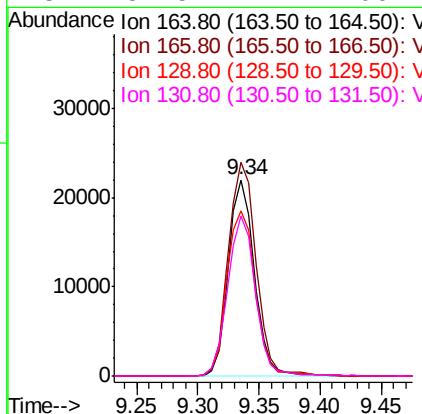
Manual Integrations
APPROVED

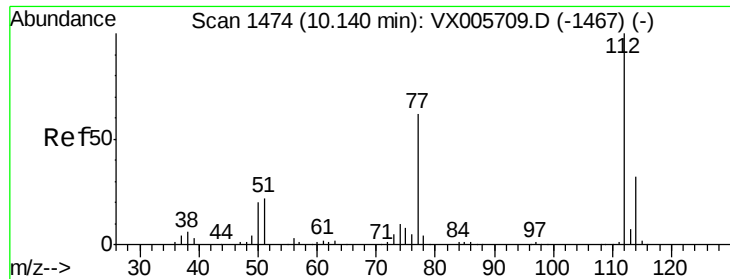
apatel
11/6/2018 8:27:01 AM



#64
Tetrachloroethene
Concen: 20.132 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005782.D
Acq: 05 Nov 2018 16:57

Tgt Ion	Ratio	Lower	Upper
164	100		
166	109.1	101.9	152.9
129	84.2	72.6	109.0
131	81.5	71.1	106.7





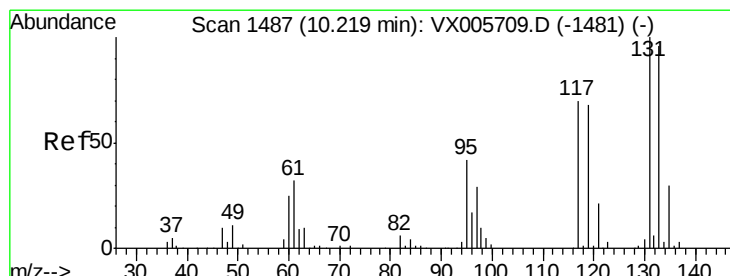
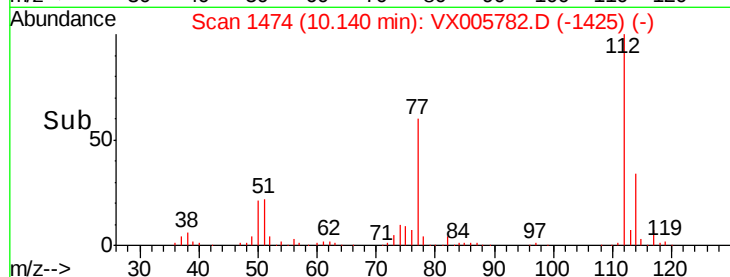
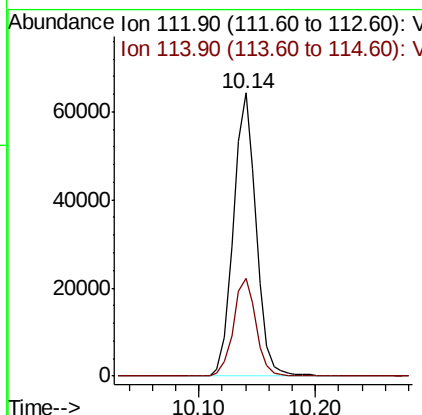
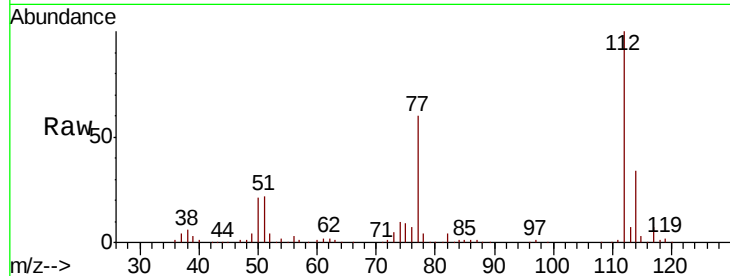
#65
Chlorobenzene
Concen: 18.789 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005782.D
Acq: 05 Nov 2018 16:57

Instrument :
MSVOA_X
ClientSampled :
VX1105WBSD01

Tot Ion:112 Resp: 87420
Ion Ratio Lower Upper
112 100
114 34.4 25.8 38.6

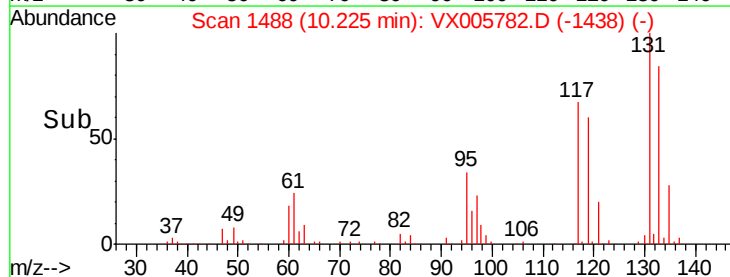
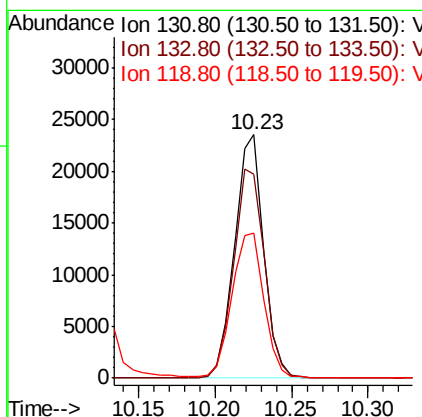
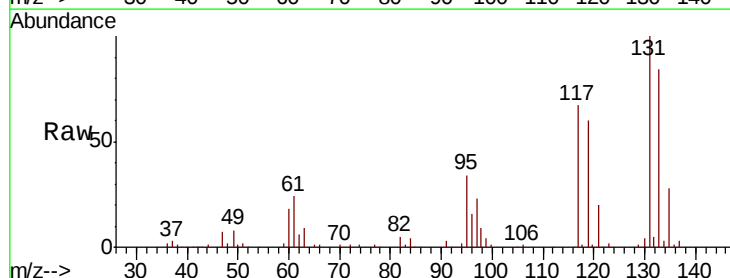
Manual Integrations
APPROVED

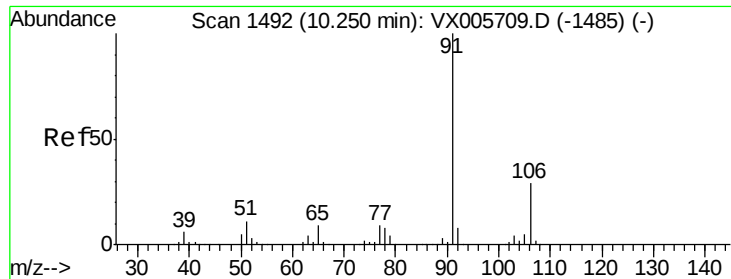
apatel
11/6/2018 8:27:01 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.373 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VX005782.D
Acq: 05 Nov 2018 16:57

Tgt Ion:131 Resp: 30856
Ion Ratio Lower Upper
131 100
133 91.1 47.5 142.5
119 66.0 31.8 95.3





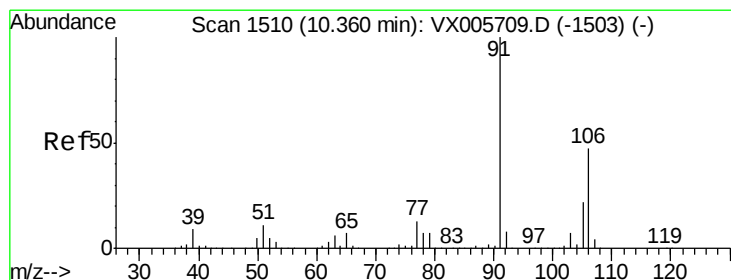
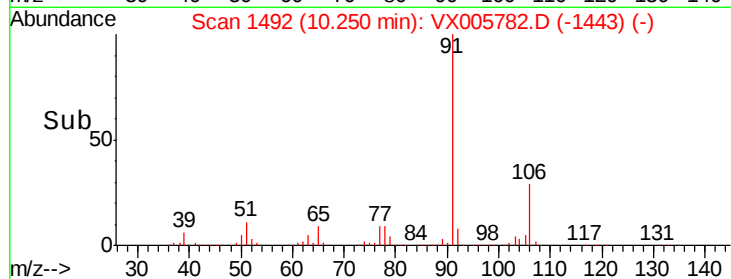
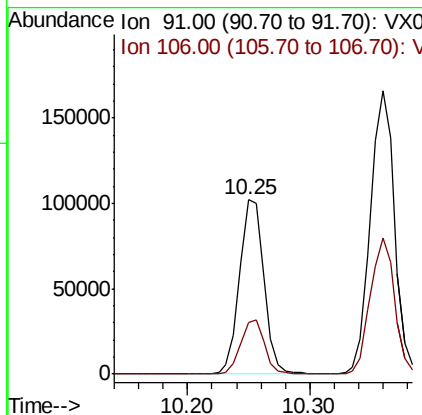
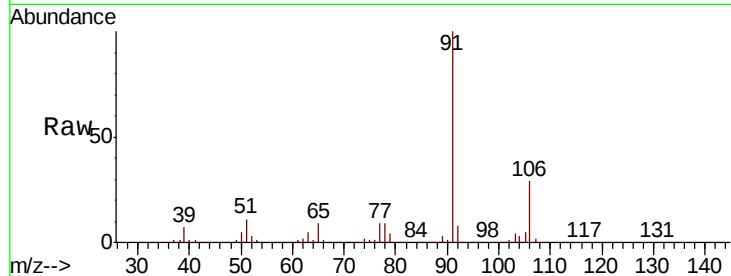
#67
Ethyl Benzene
Concen: 17.822 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX005782.D
Acq: 05 Nov 2018 16:57

Instrument :
MSVOA_X
ClientSampleId :
VX1105WBSD01

Tot Ion: 91 Resp: 141516
Ion Ratio Lower Upper
91 100
106 29.4 24.4 36.6

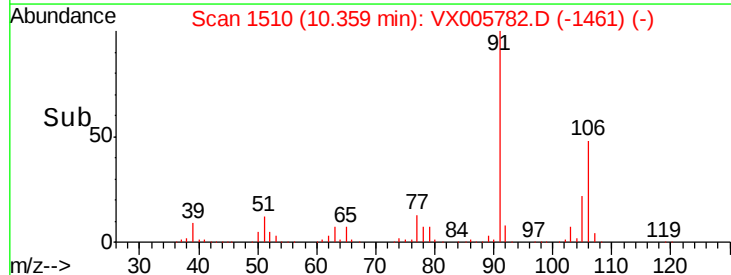
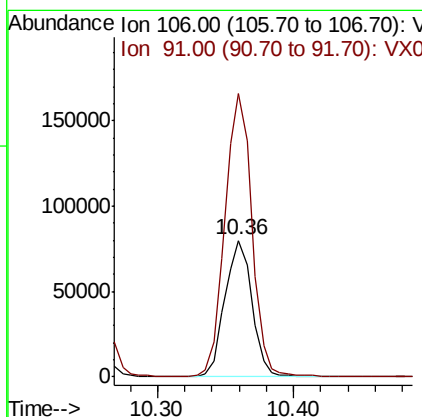
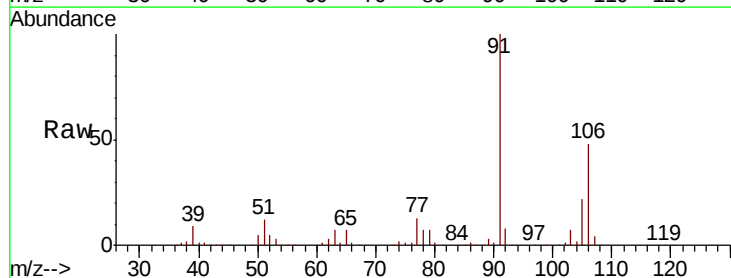
Manual Integrations
APPROVED

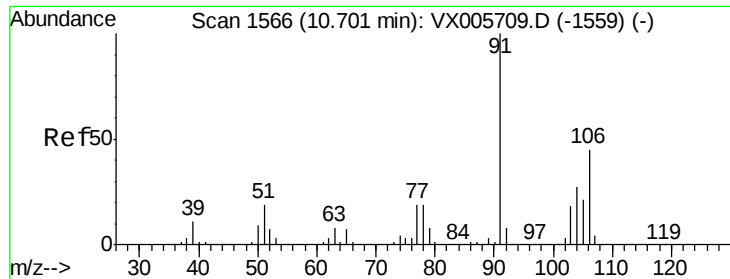
apatel
11/6/2018 8:27:01 AM



#68
m/p-Xylenes
Concen: 37.458 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX005782.D
Acq: 05 Nov 2018 16:57

Tgt Ion: 106 Resp: 110524
Ion Ratio Lower Upper
106 100
91 207.7 164.2 246.4





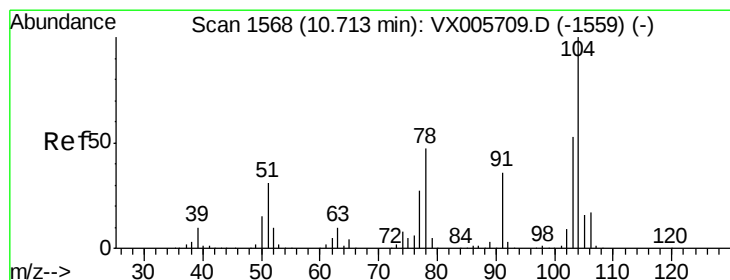
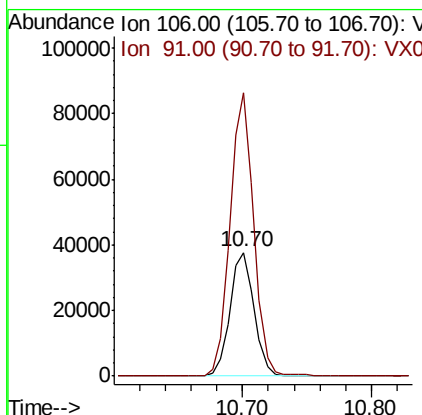
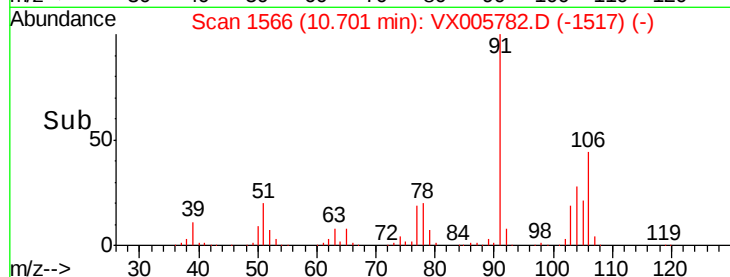
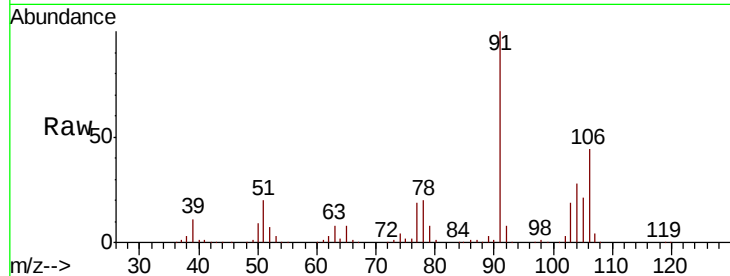
#69
o-Xylene
Concen: 17.570 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005782.D
Acq: 05 Nov 2018 16:57

Instrument :
MSVOA_X
ClientSampleId :
VX1105WBSD01

Tot Ion:106 Resp: 49584
Ion Ratio Lower Upper
106 100
91 224.7 108.5 325.5

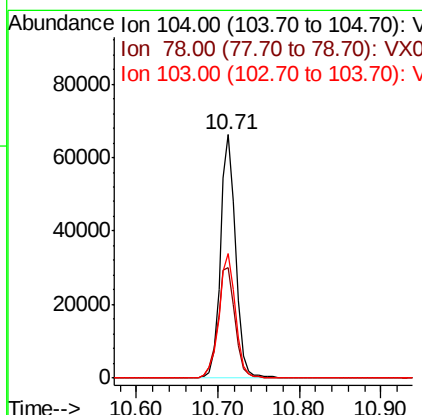
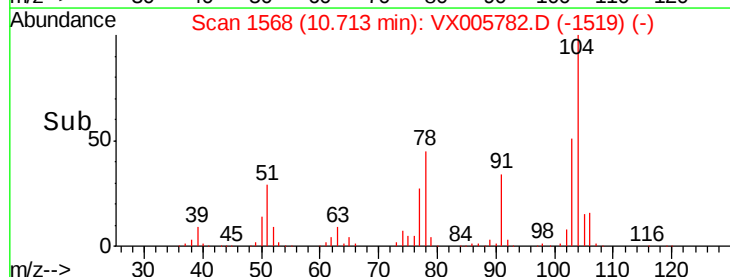
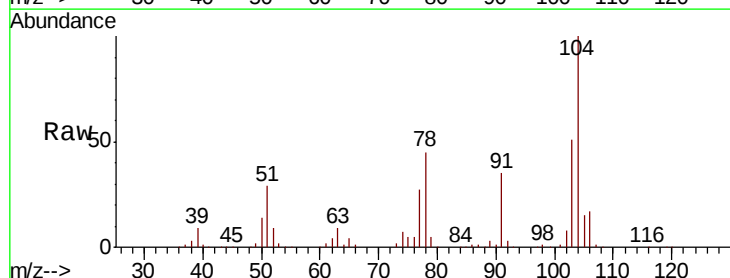
Manual Integrations
APPROVED

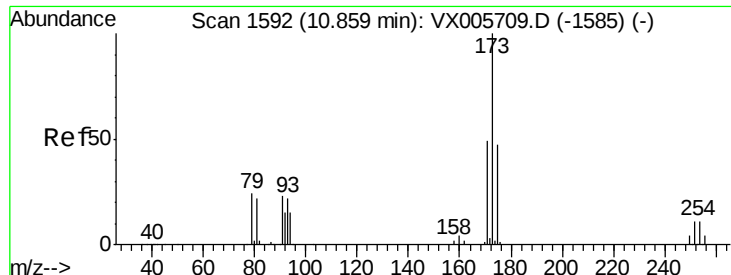
apatel
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#70
Styrene
Concen: 18.433 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005782.D
Acq: 05 Nov 2018 16:57

Tgt Ion:104 Resp: 86397
Ion Ratio Lower Upper
104 100
78 52.0 40.2 60.4
103 55.9 44.9 67.3





#71

Bromoform

Concen: 17.323 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005782.D

Acq: 05 Nov 2018 16:57

Instrument :

MSVOA_X

ClientSampleId :

VX1105WBSD01

Tot Ion:173 Resp: 22356

Ion Ratio Lower Upper

173 100

175 47.9 24.8 74.3

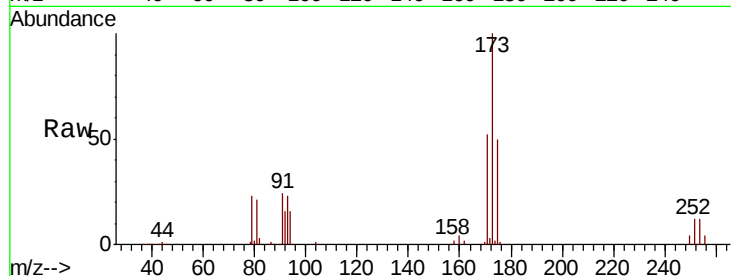
254 0.0 0.2 0.2#

Manual Integrations

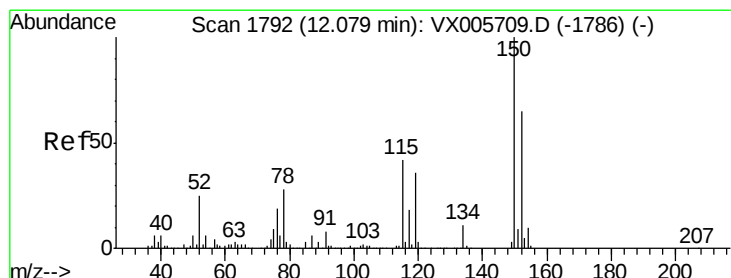
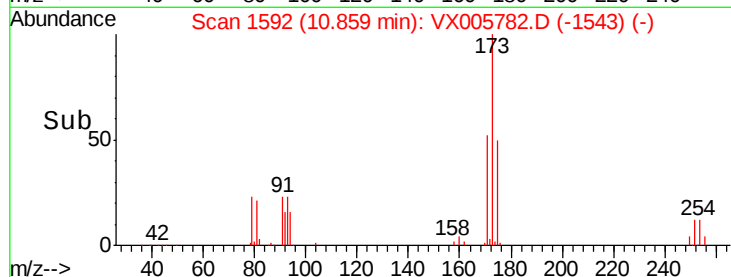
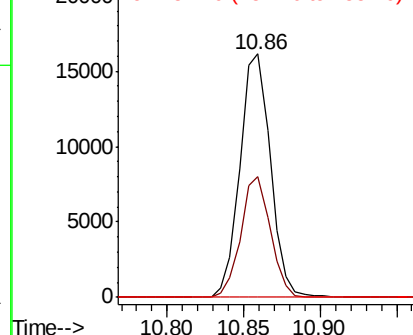
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005782.D

Acq: 05 Nov 2018 16:57

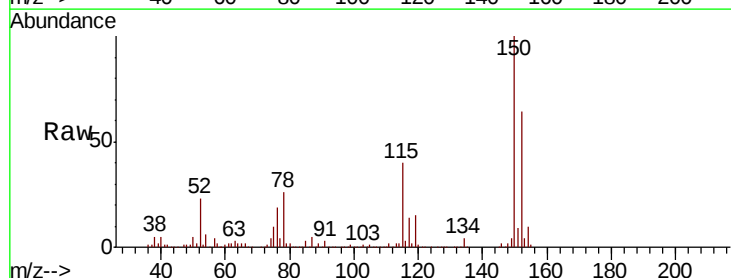
Tgt Ion:152 Resp: 108370

Ion Ratio Lower Upper

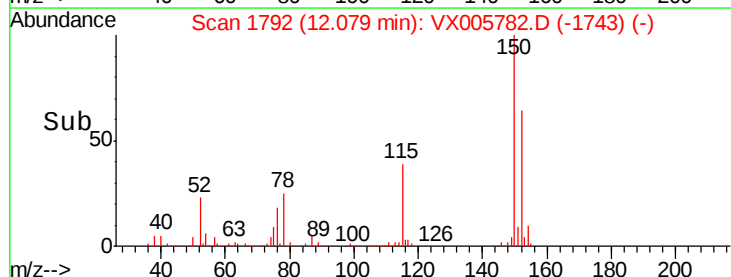
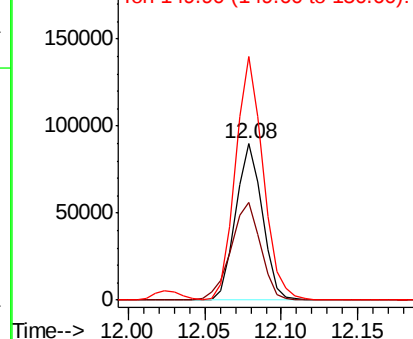
152 100

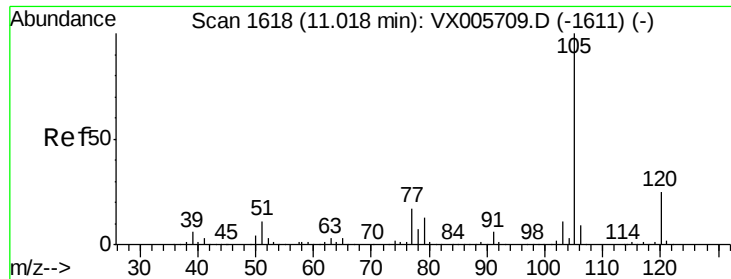
115 69.5 39.4 118.1

150 161.7 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: 19.514 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005782.D

Acq: 05 Nov 2018 16:57

Instrument :

MSVOA_X

ClientSampleId :

VX1105WBSD01

Tot Ion: 105 Resp: 139517

Ion Ratio Lower Upper

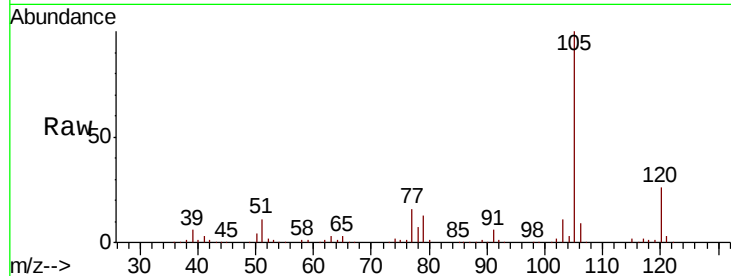
105 100

120 25.8 13.1 39.3

Manual Integrations
APPROVED

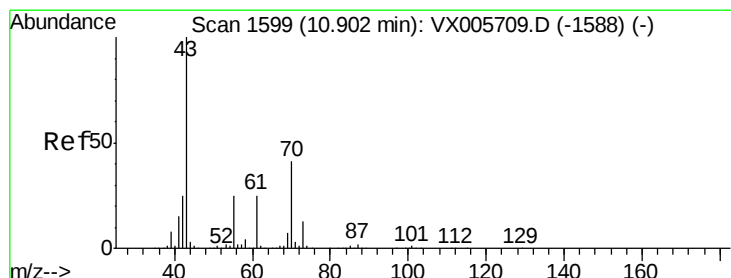
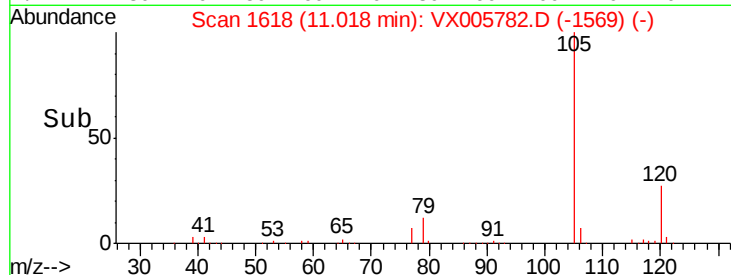
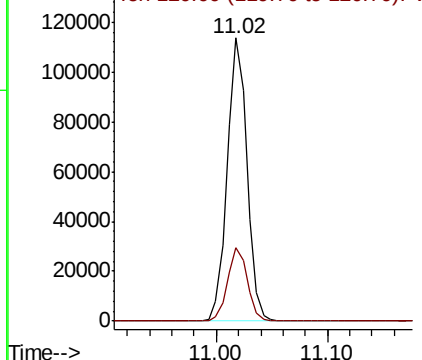
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.155 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.01 min

Lab File: VX005782.D

Acq: 05 Nov 2018 16:57

Tgt Ion: 43 Resp: 69108

Ion Ratio Lower Upper

43 100

70 41.1 31.6 47.4

55 28.1 19.7 29.5

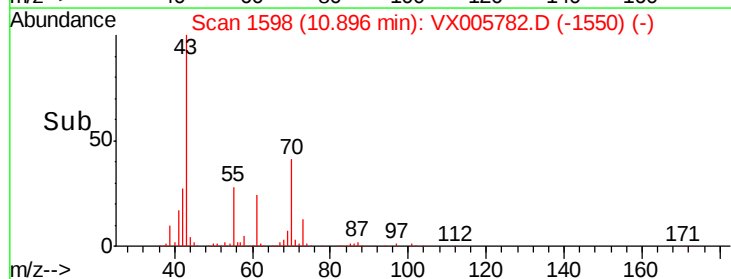
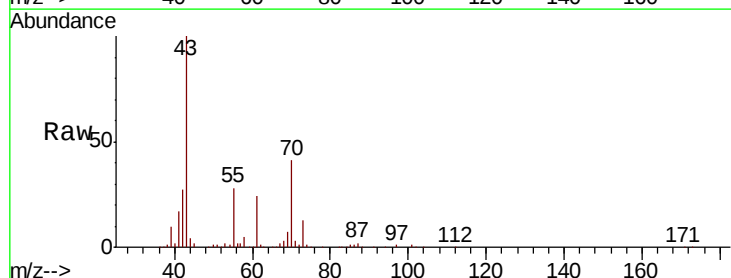
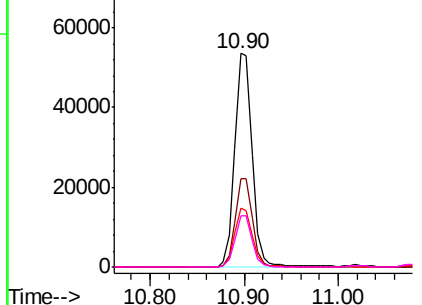
61 23.5 18.3 27.5

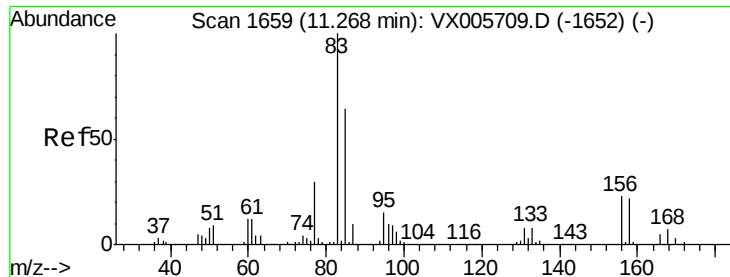
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.782 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005782.D

Acq: 05 Nov 2018 16:57

Instrument :

MSVOA_X

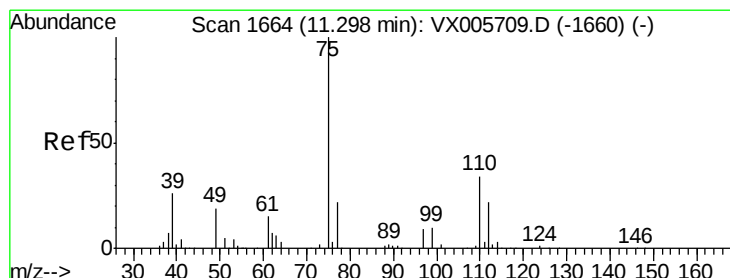
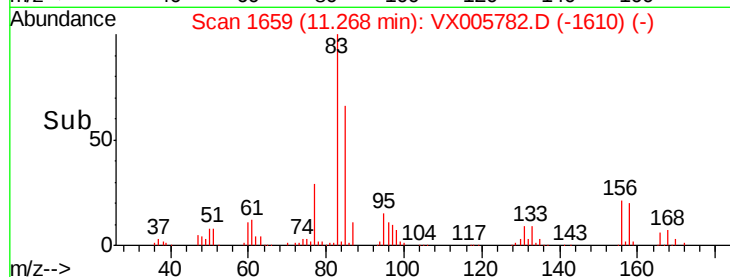
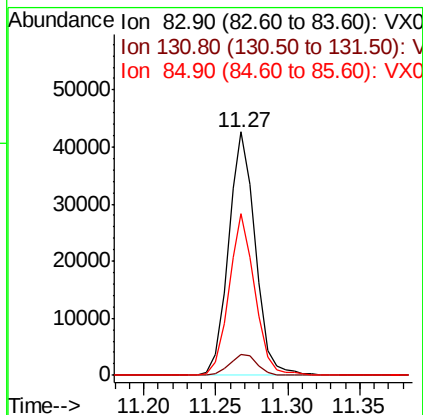
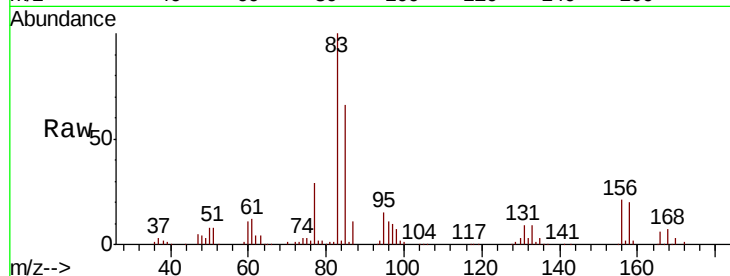
ClientSampleId :

VX1105WBSD01

Tot Ion:	83	Resp:	55710
Ion Ratio	Lower	Upper	
83	100		
131	8.8	5.3	15.9
85	64.2	32.0	96.2

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#76

1,2,3-Trichloropropane

Concen: 19.578 ug/l m

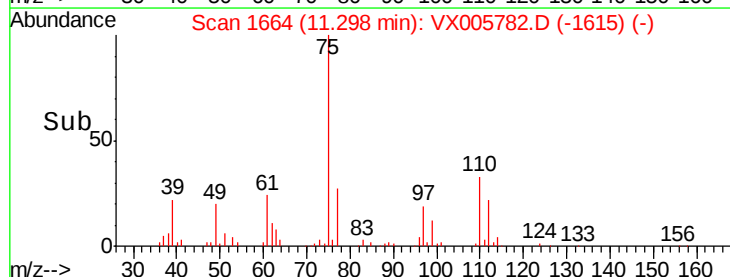
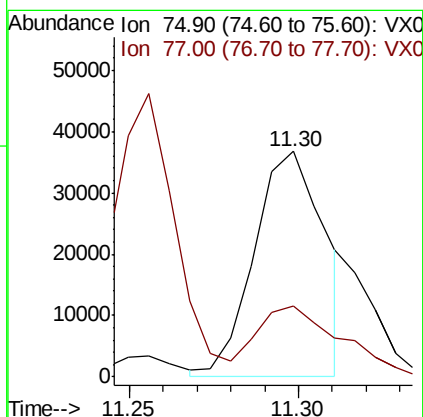
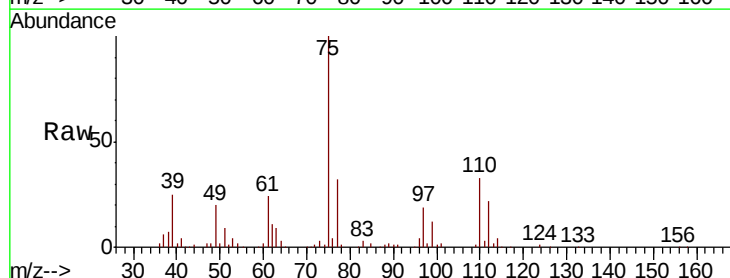
RT: 11.30 min Scan# 1664

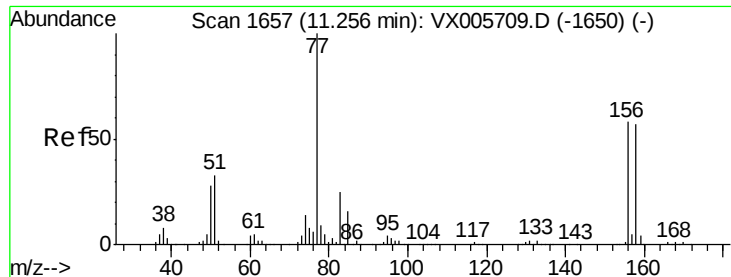
Delta R.T. -0.00 min

Lab File: VX005782.D

Acq: 05 Nov 2018 16:57

Tgt Ion:	75	Resp:	52844
Ion Ratio	Lower	Upper	
75	100		
77	37.5	20.5	61.6





#77

Bromobenzene

Concen: 19.592 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005782.D

Acq: 05 Nov 2018 16:57

Instrument :

MSVOA_X

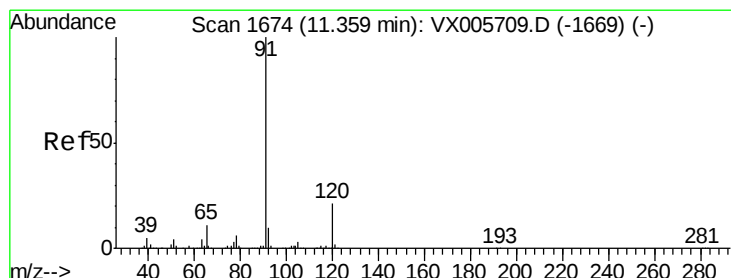
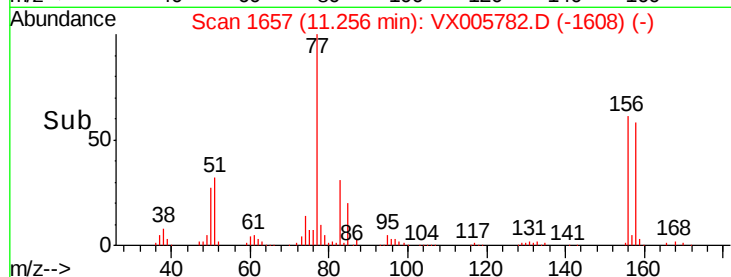
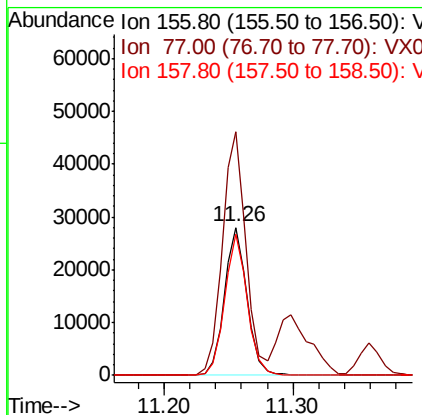
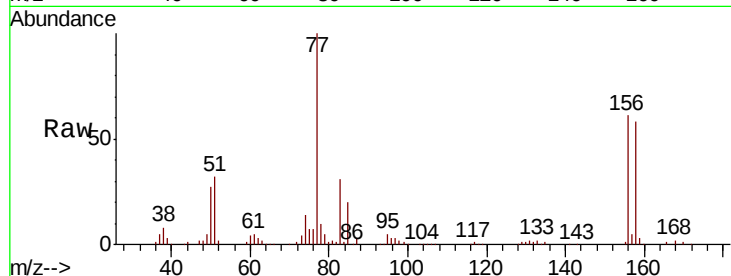
ClientSampleId :

VX1105WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	170.8	74.8	224.4	
158	95.4	49.1	147.3	

Manual Integrations
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#78

n-propylbenzene

Concen: 19.198 ug/l

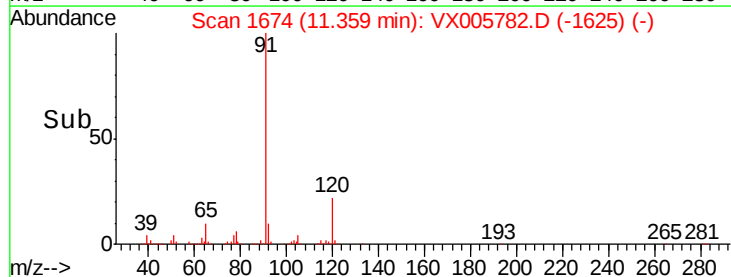
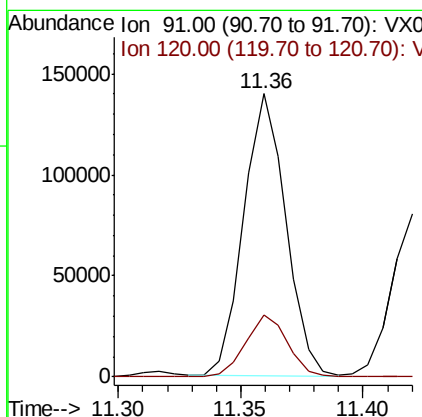
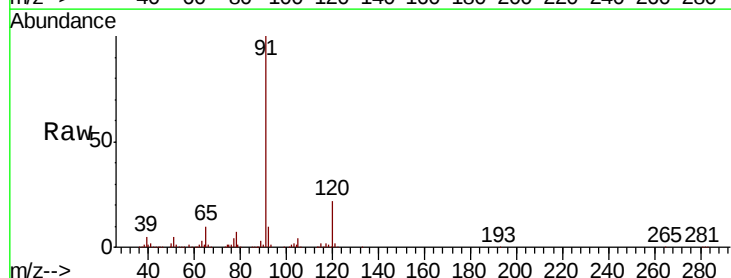
RT: 11.36 min Scan# 1674

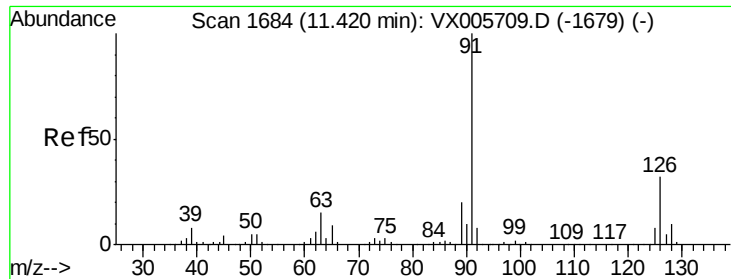
Delta R.T. -0.00 min

Lab File: VX005782.D

Acq: 05 Nov 2018 16:57

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	22.1	11.9	35.5	





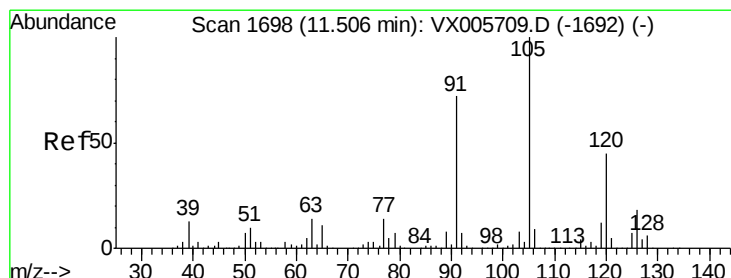
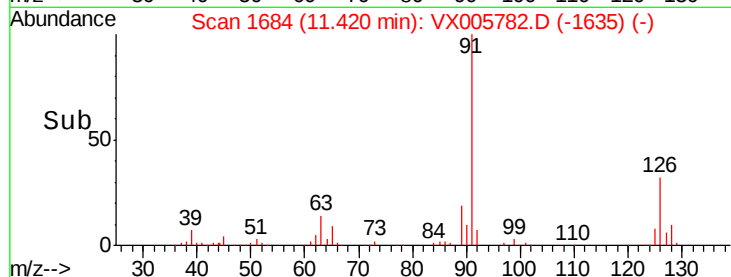
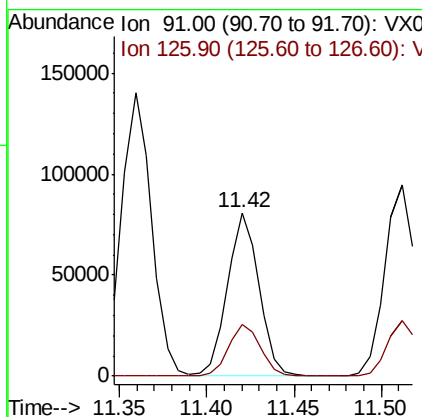
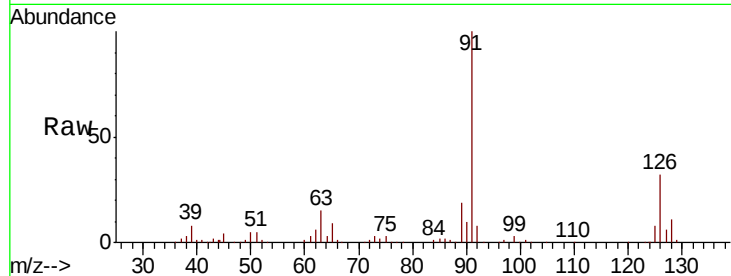
#79
2-Chlorotoluene
Concen: 19.303 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VX005782.D
Acq: 05 Nov 2018 16:57

Instrument :
MSVOA_X
ClientSampleId :
VX1105WBSD01

Tot Ion: 91 Resp: 100275
Ion Ratio Lower Upper
91 100
126 32.2 17.3 52.0

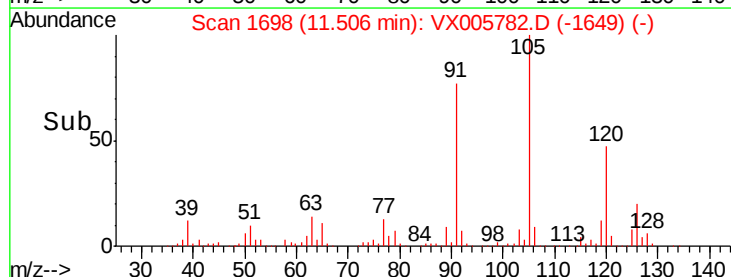
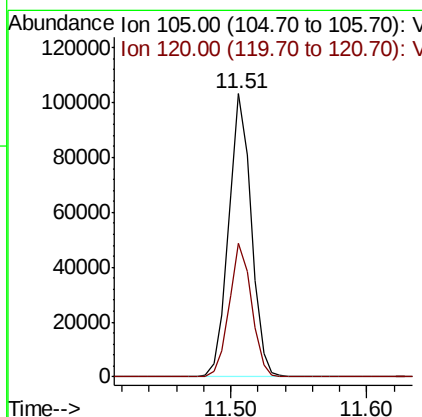
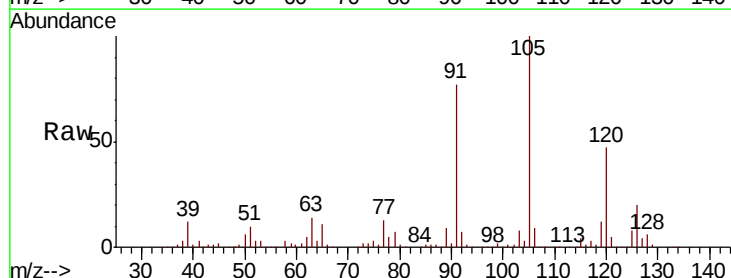
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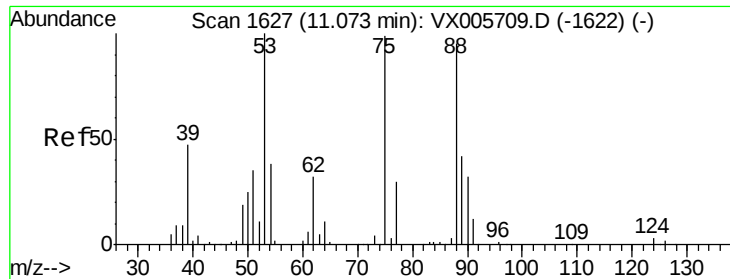
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#80
1,3,5-Trimethylbenzene
Concen: 19.633 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX005782.D
Acq: 05 Nov 2018 16:57

Tgt Ion: 105 Resp: 119186
Ion Ratio Lower Upper
105 100
120 46.7 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 18.271 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX005782.D

Acq: 05 Nov 2018 16:57

Instrument :

MSVOA_X

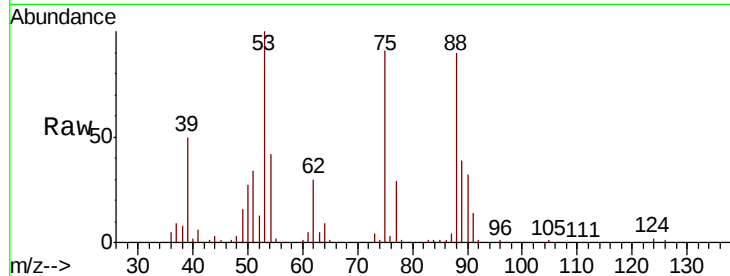
ClientSampleId :

VX1105WBSD01

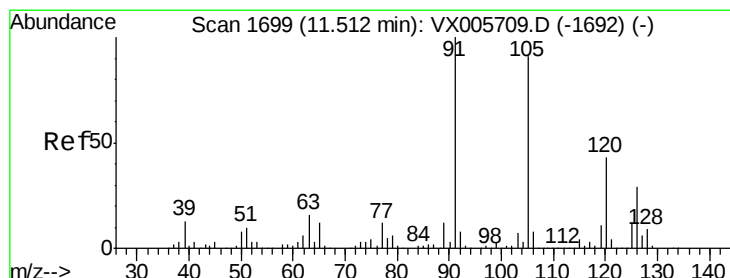
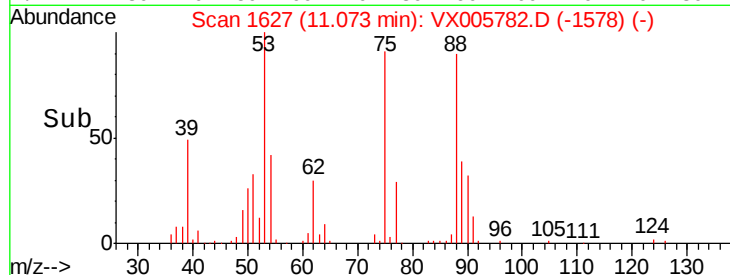
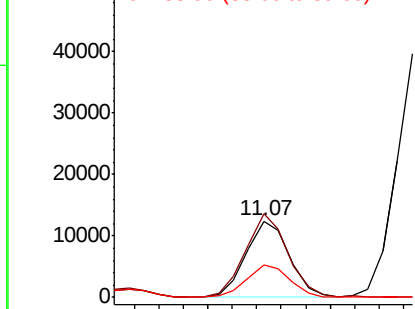
Tot Ion:	75	Resp:	15263
Ion	Ratio	Lower	Upper
75	100		
53	108.1	80.2	120.2
89	42.6	39.8	59.8

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Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.068 ug/l

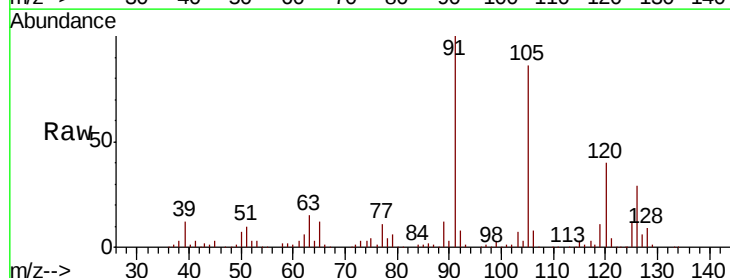
RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

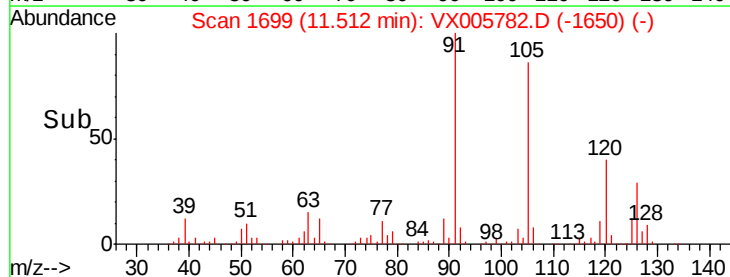
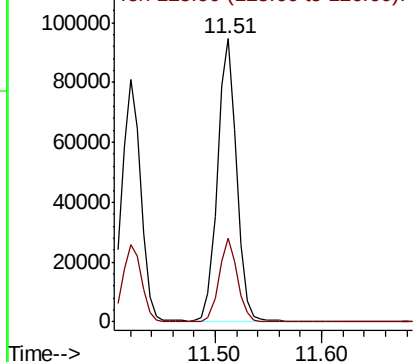
Lab File: VX005782.D

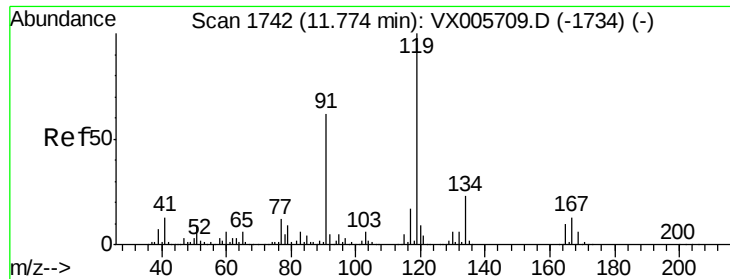
Acq: 05 Nov 2018 16:57

Tgt Ion:	91	Resp:	118253
Ion	Ratio	Lower	Upper
91	100		
126	28.4	15.2	45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V





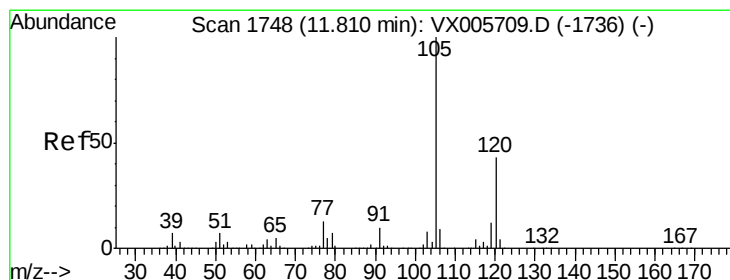
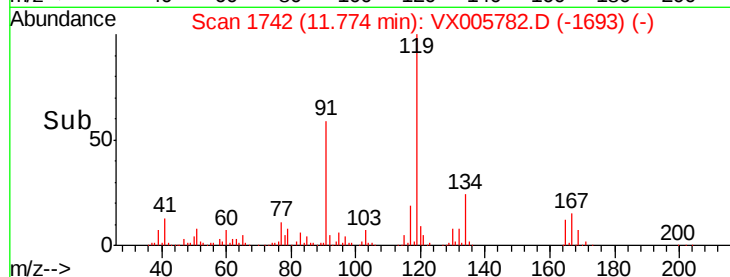
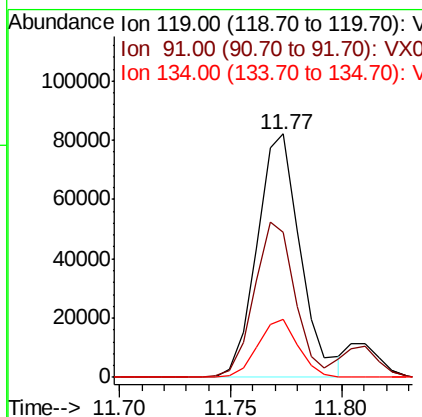
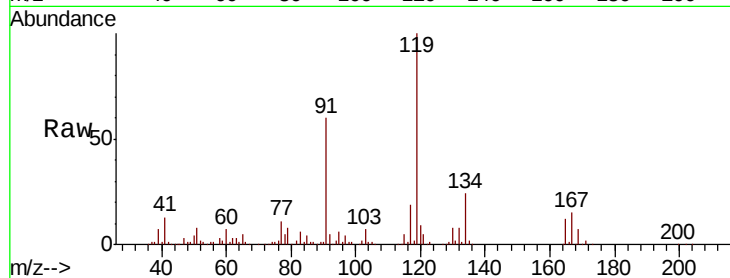
#83
 tert-Butylbenzene
 Concen: 19.162 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX005782.D
 Acq: 05 Nov 2018 16:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1105WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	110989		
91	60.1	28.5	85.5	
134	22.5	11.3	33.8	

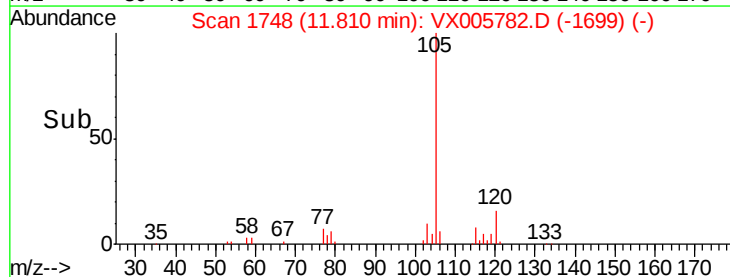
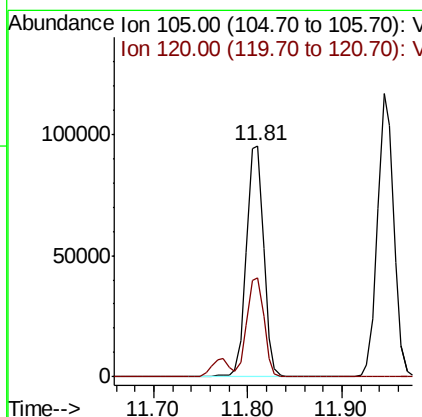
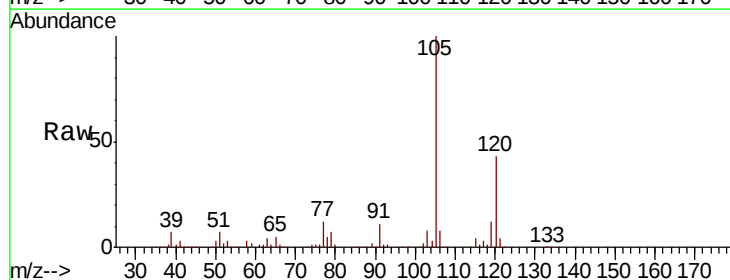
Manual Integrations
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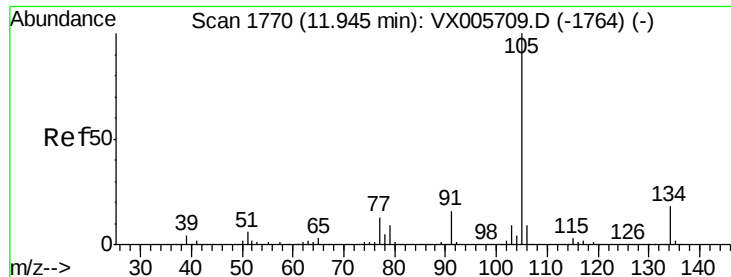
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 11/6/2018 8:27:01 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 20.032 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX005782.D
 Acq: 05 Nov 2018 16:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	122798		
120	42.6	22.4	67.0	





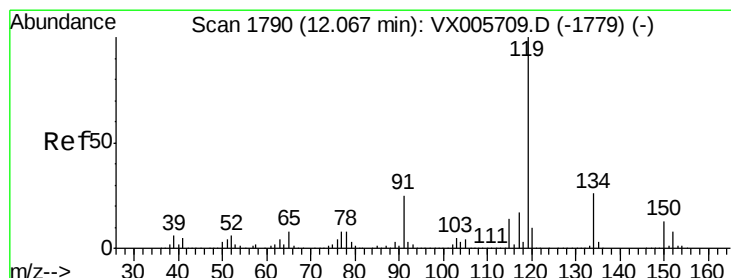
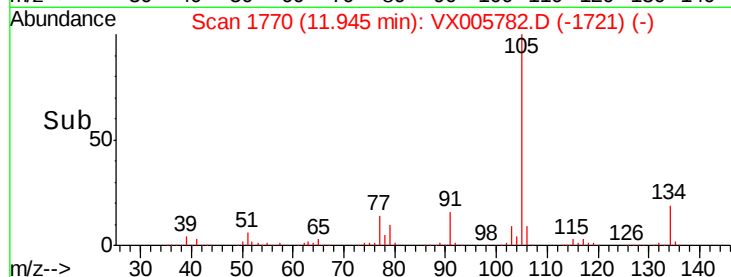
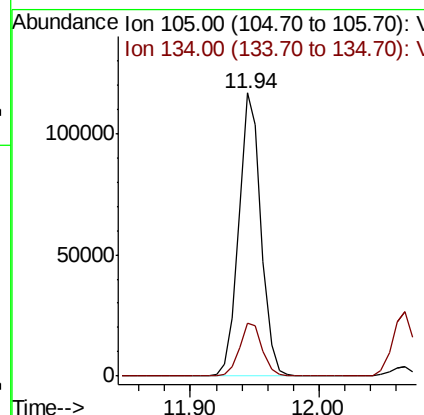
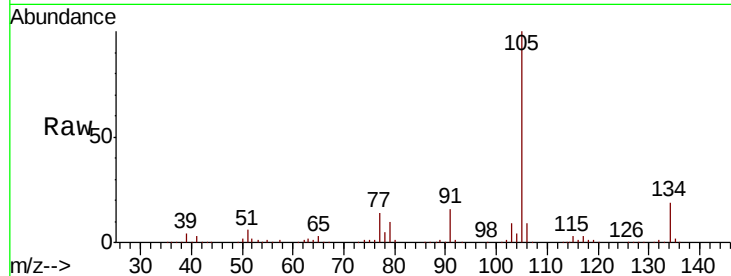
#85
 sec-Butylbenzene
 Concen: 18.838 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX005782.D
 Acq: 05 Nov 2018 16:57

Instrument :
 MSVOA_X
 ClientSampled :
 VX1105WBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.0	10.2	30.4

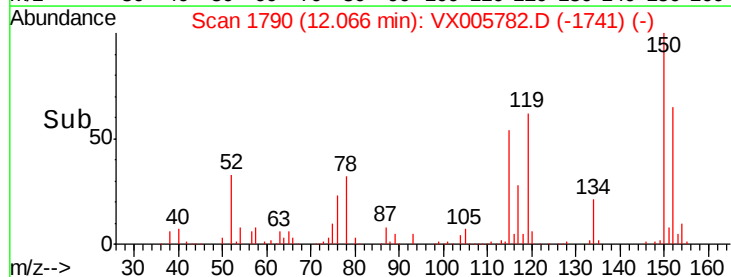
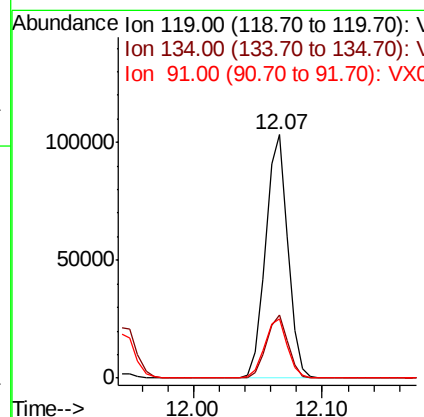
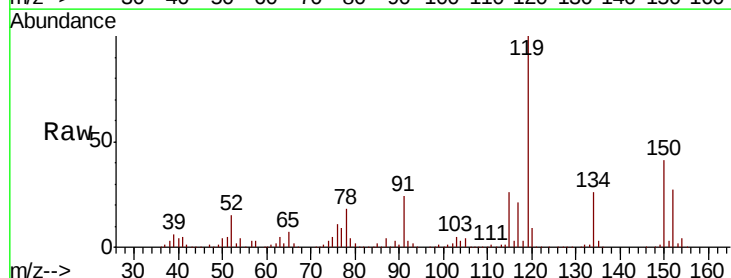
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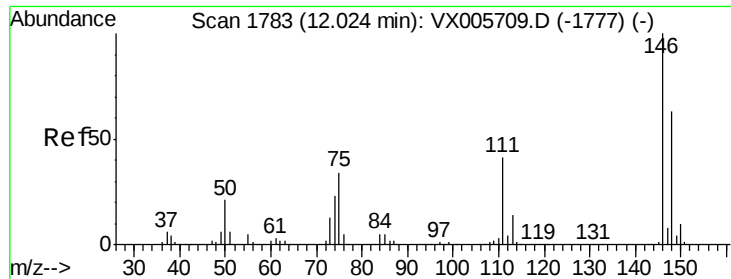
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#86
 p-Isopropyltoluene
 Concen: 19.434 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX005782.D
 Acq: 05 Nov 2018 16:57

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.4	13.0	39.0
91	25.0	11.4	34.2





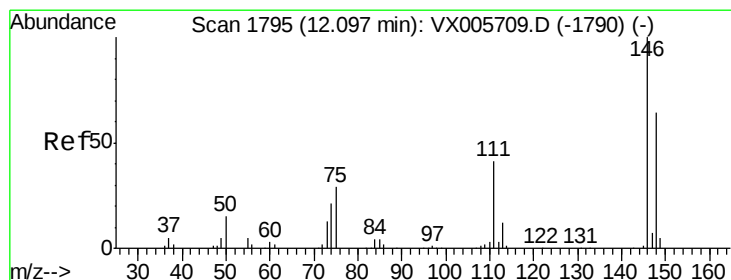
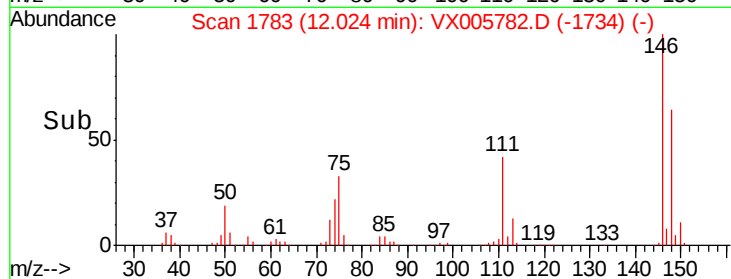
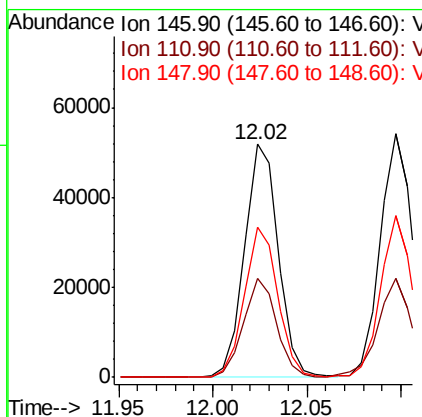
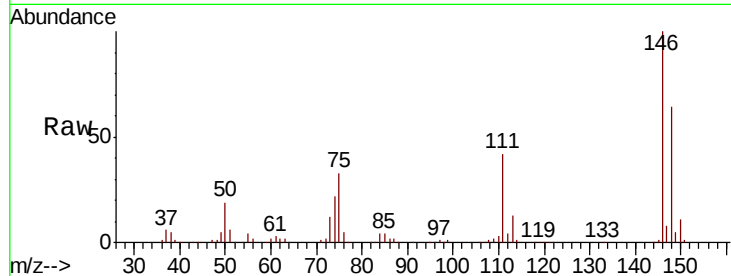
#87
 1,3-Dichlorobenzene
 Concen: 18.820 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005782.D
 Acq: 05 Nov 2018 16:57

Instrument :
 MSVOA_X
 ClientSampled :
 VX1105WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	19.0	57.0
148	63.8	31.9	95.9

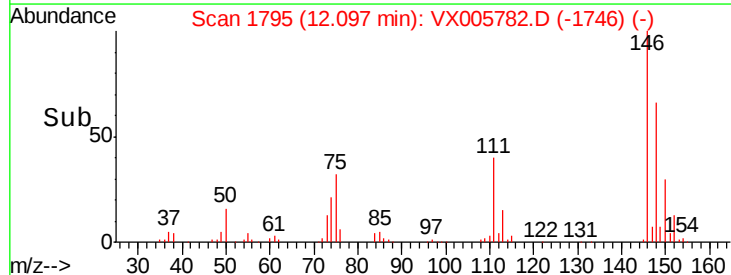
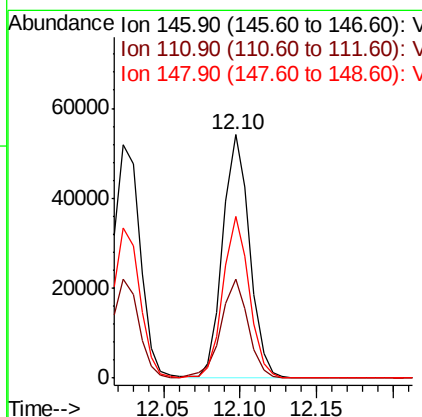
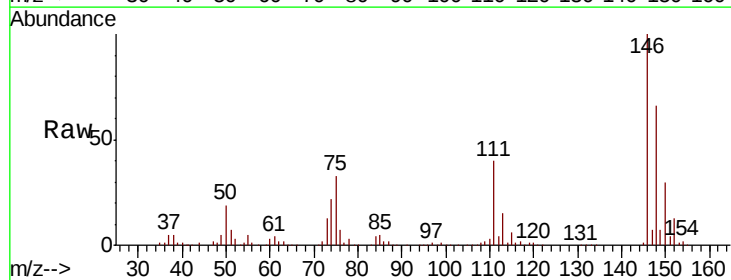
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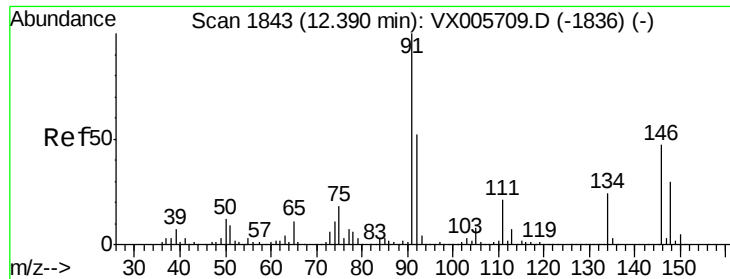
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#88
 1,4-Dichlorobenzene
 Concen: 17.948 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005782.D
 Acq: 05 Nov 2018 16:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.6	18.6	55.8
148	64.8	32.1	96.3





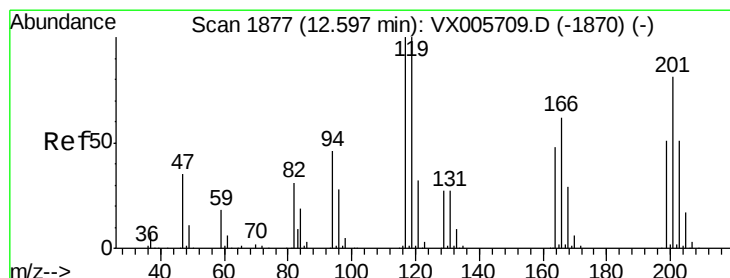
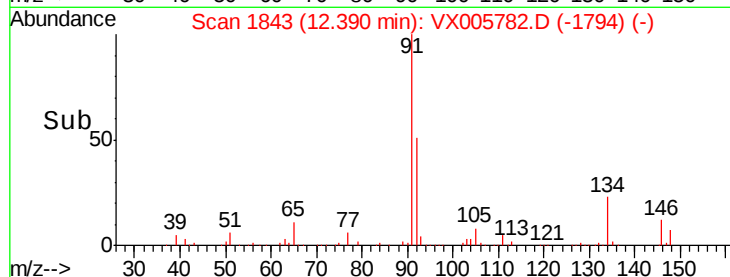
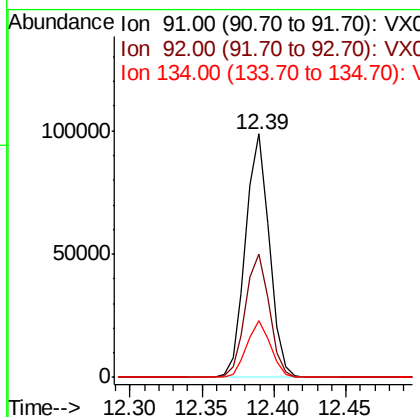
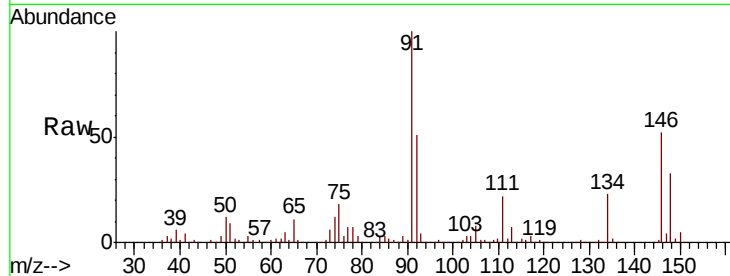
#89
n-Butylbenzene
Concen: 17.750 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005782.D
Acq: 05 Nov 2018 16:57

Instrument :
MSVOA_X
ClientSampled :
VX1105WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.0	26.1	78.2
134	23.1	13.1	39.3

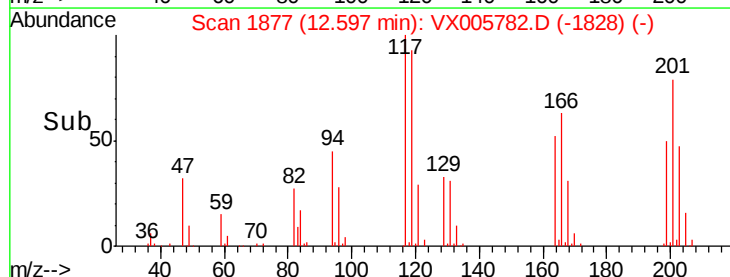
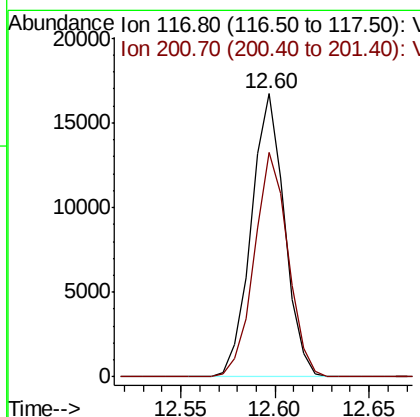
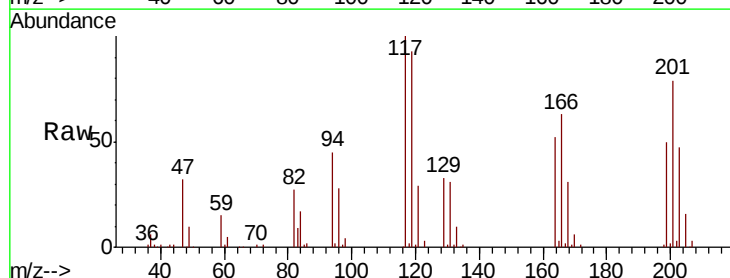
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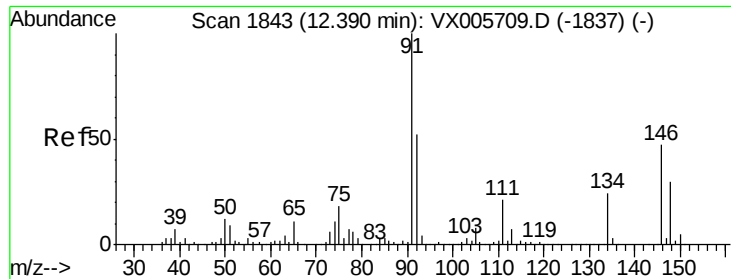
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#90
Hexachloroethane
Concen: 18.240 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005782.D
Acq: 05 Nov 2018 16:57

Tgt Ion	Ratio	Lower	Upper
117	100		
201	80.4	47.9	143.6





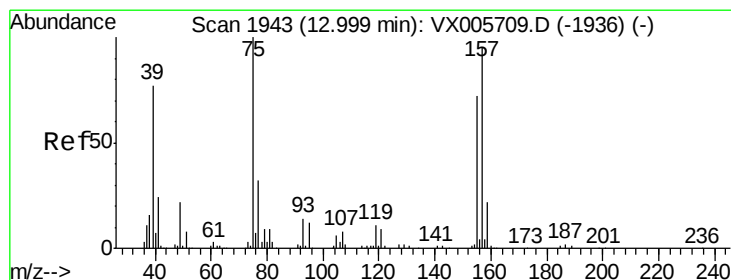
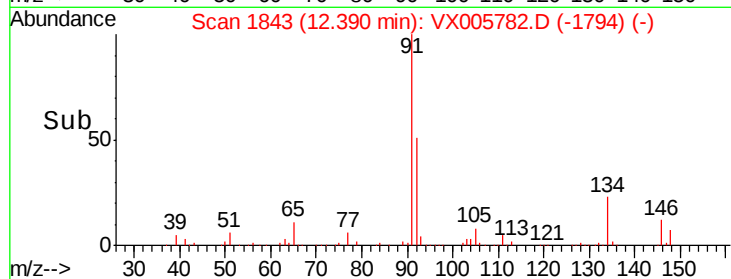
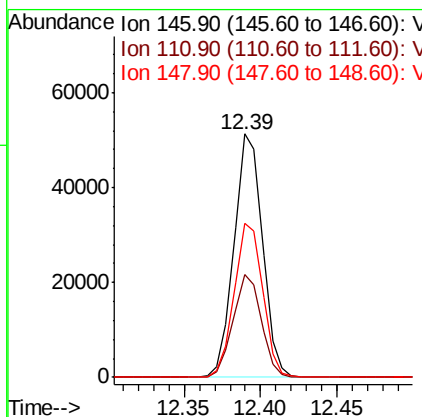
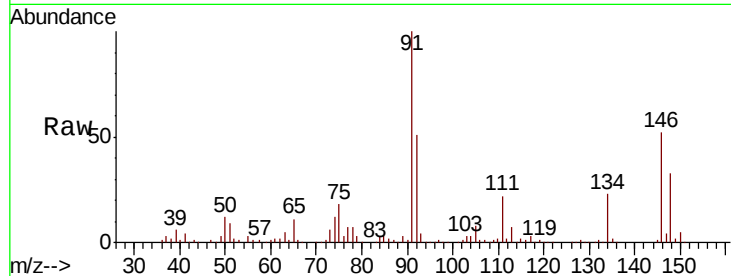
#91
 1,2-Dichlorobenzene
 Concen: 18.442 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX005782.D
 Acq: 05 Nov 2018 16:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1105WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.1	20.0	59.9
148	63.4	32.2	96.6

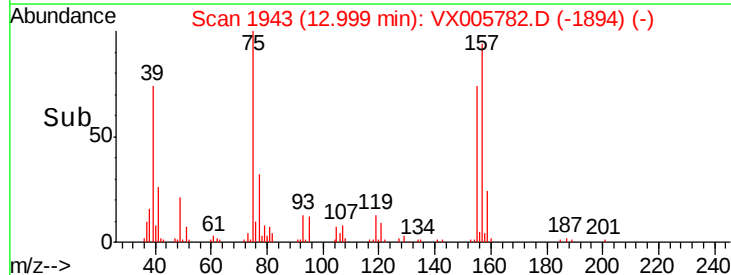
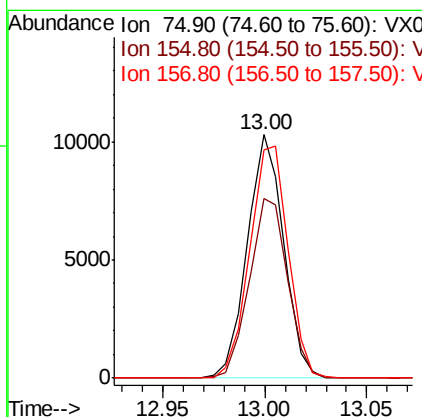
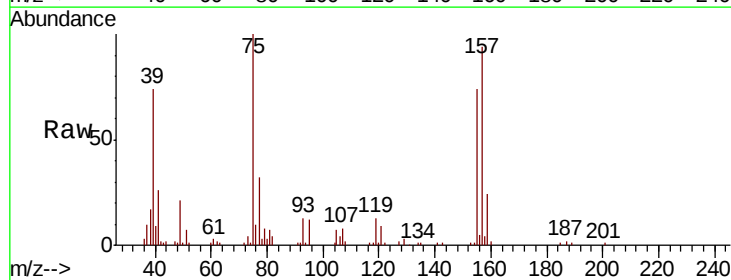
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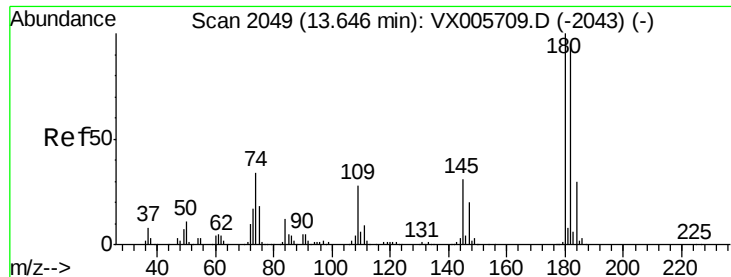
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.318 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005782.D
 Acq: 05 Nov 2018 16:57

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.8	45.4	136.1
157	101.0	57.4	172.0





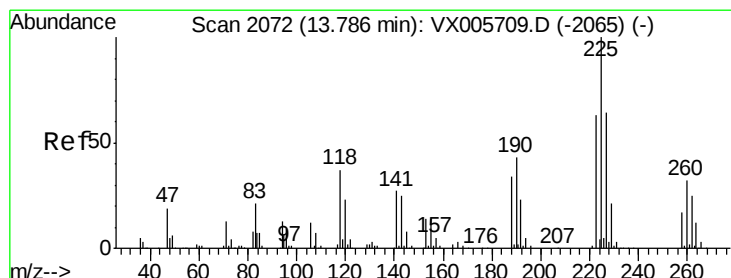
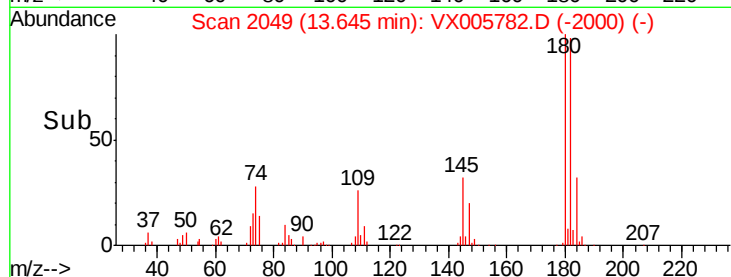
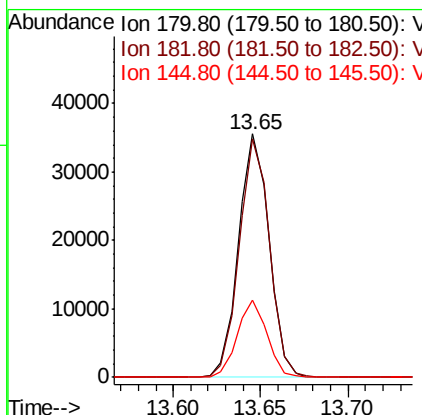
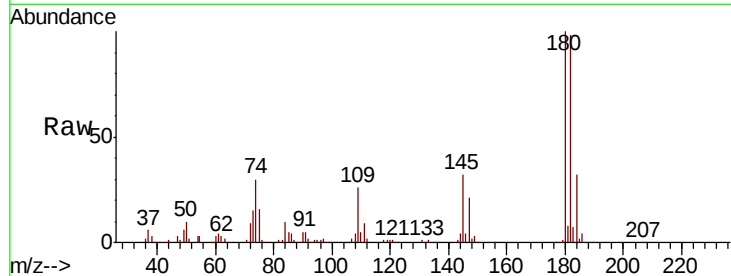
#93
 1,2,4-Trichlorobenzene
 Concen: 18.798 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005782.D
 Acq: 05 Nov 2018 16:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1105WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.0	47.6	142.8
145	30.7	14.1	42.2

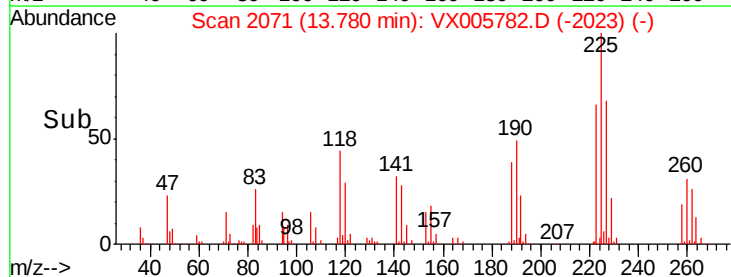
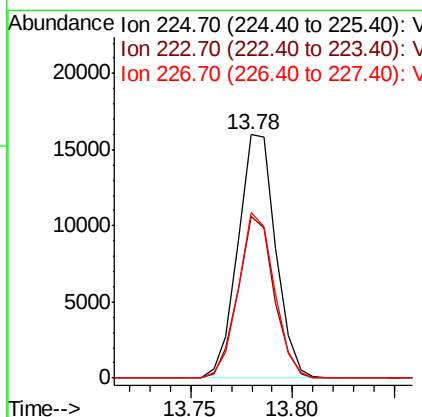
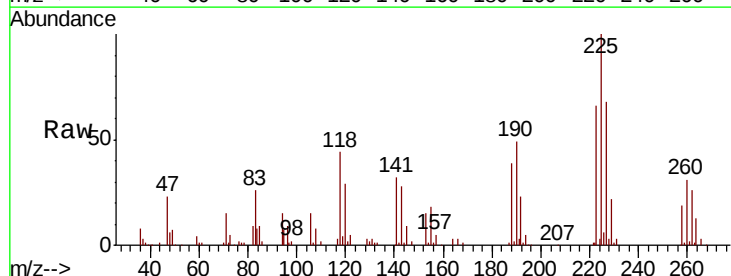
Manual Integrations
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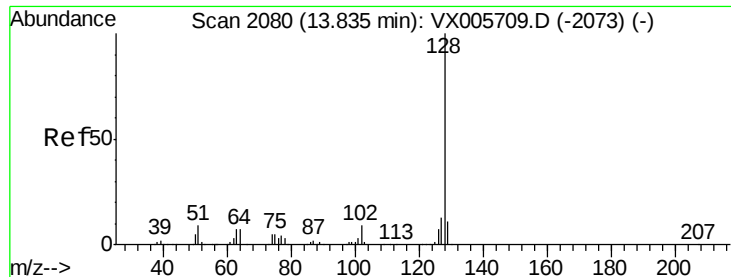
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#94
 Hexachlorobutadiene
 Concen: 18.431 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX005782.D
 Acq: 05 Nov 2018 16:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	31.7	95.1
227	64.7	32.3	96.9





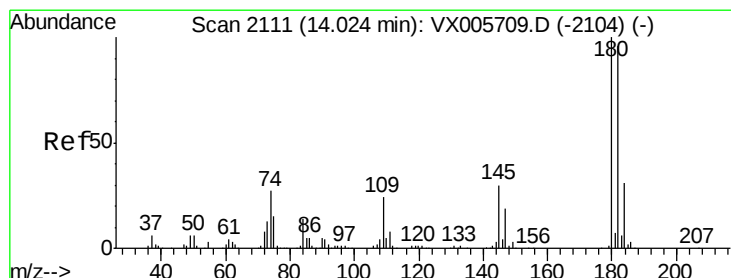
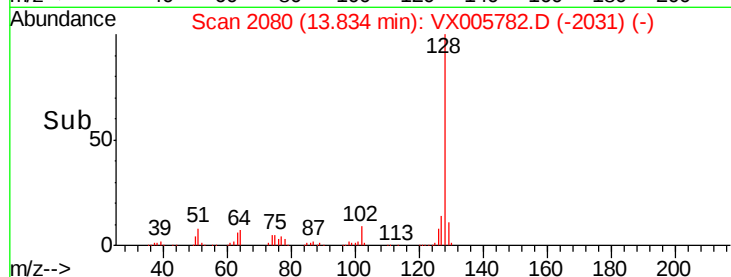
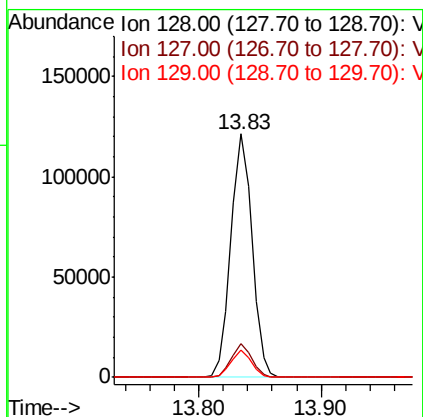
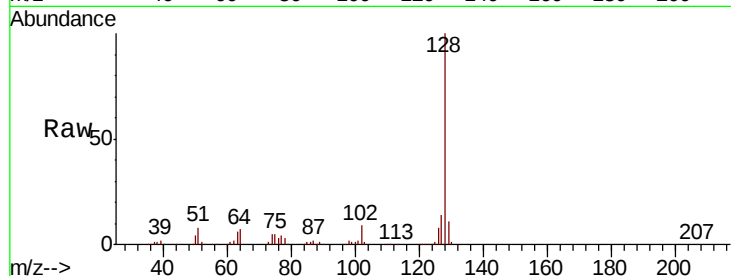
#95
Naphthalene
Concen: 19.253 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005782.D
Acq: 05 Nov 2018 16:57

Instrument :
MSVOA_X
ClientSampleId :
VX1105WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	10.9	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 19.579 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.01 min
Lab File: VX005782.D
Acq: 05 Nov 2018 16:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	48.0	144.2
145	31.4	15.1	45.3

