

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111918\
 Data File : VX006096.D
 Acq On : 19 Nov 2018 17:27
 Operator : JC/MD
 Sample : VX1119MBSD01
 Misc : 5.00µl/100µl/5.00ml/MSVOA_X/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1119MBSD01

Quant Time: Nov 20 00:02:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	132461	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.87	114	191773	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	155680	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	84903	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	70103	46.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.08%	
35) Dibromofluoromethane	5.51	113	58395	44.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.54%	
50) Toluene-d8	8.71	98	192462	44.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.76%	
62) 4-Bromofluorobenzene	11.14	95	72011	46.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	16805	14.071	ug/l	99
3) Chloromethane	1.32	50	23888	15.241	ug/l	95
4) Vinyl Chloride	1.40	62	23438	14.896	ug/l	91
5) Bromomethane	1.64	94	13620	14.145	ug/l	98
6) Chloroethane	1.72	64	15932	16.970	ug/l	95
7) Trichlorofluoromethane	1.93	101	32958	15.780	ug/l	94
8) Diethyl Ether	2.19	74	15251	18.635	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	19891	16.559	ug/l	96
10) Methyl Iodide	2.51	142	24158	16.594	ug/l	94
11) Tert butyl alcohol	3.07	59	38801	88.946	ug/l	99
12) 1,1-Dichloroethene	2.37	96	19052	16.273	ug/l	97
13) Acrolein	2.29	56	17192	95.481	ug/l	93
14) Allyl chloride	2.73	41	43211	16.525	ug/l	98
15) Acrylonitrile	3.15	53	86777	95.988	ug/l	99
16) Acetone	2.45	43	74163	90.452	ug/l	92
17) Carbon Disulfide	2.57	76	46176	13.222	ug/l	99
18) Methyl Acetate	2.78	43	43613	18.927	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	76189	19.066	ug/l	98
20) Methylene Chloride	2.86	84	23467	17.424	ug/l	87
21) trans-1,2-Dichloroethene	3.16	96	20758	16.809	ug/l	90
22) Diisopropyl ether	3.87	45	83953	18.327	ug/l #	93
23) Vinyl Acetate	3.82	43	323765	82.434	ug/l	100
24) 1,1-Dichloroethane	3.70	63	43667	17.868	ug/l	99
25) 2-Butanone	4.70	43	120377	93.385	ug/l	97
26) 2,2-Dichloropropane	4.58	77	28109	15.680	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	25935	19.020	ug/l	95
28) Bromochloromethane	5.01	49	21237	19.444	ug/l	93
29) Tetrahydrofuran	5.15	42	77249	93.334	ug/l	97
30) Chloroform	5.21	83	42392	17.979	ug/l	97
31) Cyclohexane	5.57	56	33675	15.874	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	34577	17.582	ug/l	98
36) 1,1-Dichloropropene	5.79	75	30396	16.442	ug/l	97
37) Ethyl Acetate	4.85	43	41698	17.152	ug/l	99
38) Carbon Tetrachloride	5.78	117	27971	15.113	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	28881	15.413	ug/l	94
40) Benzene	6.15	78	94992	17.625	ug/l	97
41) Methacrylonitrile	5.06	41	23918	18.207	ug/l	98
42) 1,2-Dichloroethane	6.20	62	33229	17.214	ug/l	99
43) Isopropyl Acetate	6.46	43	60366	17.136	ug/l	98
44) Trichloroethene	7.21	130	24522	17.916	ug/l	83
45) 1,2-Dichloropropane	7.52	63	22877	17.488	ug/l	99
46) Dibromomethane	7.66	93	14515	17.683	ug/l	99
47) Bromodichloromethane	7.90	83	26664	17.188	ug/l	99
48) Methyl methacrylate	7.77	41	27763	17.552	ug/l	97
49) 1,4-Dioxane	7.75	88	12970	380.520	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	201060	90.561	ug/l	99
52) Toluene	8.79	92	50398	16.732	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	28412	15.520	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	31017	16.623	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	22395	16.682	ug/l	97
56) Ethyl methacrylate	9.18	69	31406	15.636	ug/l	98
57) 1,3-Dichloropropane	9.37	76	36365	16.120	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	96006	93.090	ug/l	100
59) 2-Hexanone	9.49	43	157839	80.654	ug/l	99
60) Dibromochloromethane	9.59	129	21057	14.514	ug/l	100
61) 1,2-Dibromoethane	9.67	107	22550	15.191	ug/l	100
64) Tetrachloroethene	9.34	164	23306	17.583	ug/l	97
65) Chlorobenzene	10.14	112	58401	18.726	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	20231	18.659	ug/l	100
67) Ethyl Benzene	10.25	91	98179	19.632	ug/l	100
68) m/p-Xylenes	10.36	106	75406	39.530	ug/l	97
69) o-Xylene	10.70	106	37290	21.800	ug/l	100
70) Styrene	10.71	104	62409	22.117	ug/l	99
71) Bromoform	10.86	173	17081	18.793	ug/l #	99
73) Isopropylbenzene	11.02	105	101482	20.669	ug/l	100
74) N-amyl acetate	10.90	43	44664	17.058	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	36051	20.005	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	41089	23.767	ug/l	86
77) Bromobenzene	11.26	156	27160	19.626	ug/l	99
78) n-propylbenzene	11.36	91	116639	20.157	ug/l	99
79) 2-Chlorotoluene	11.42	91	69056	19.744	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	84513	20.255	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	9605	17.707	ug/l	92
82) 4-Chlorotoluene	11.51	91	81237	19.708	ug/l	99
83) tert-Butylbenzene	11.77	119	84659	20.056	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	88939	19.242	ug/l	99
85) sec-Butylbenzene	11.94	105	102777	19.911	ug/l	100
86) p-Isopropyltoluene	12.07	119	92505	20.232	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	49151	18.506	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	50696	18.646	ug/l	99
89) n-Butylbenzene	12.39	91	80491	18.995	ug/l	100
90) Hexachloroethane	12.60	117	12915	16.919	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	50113	18.835	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	8254	18.769	ug/l	83

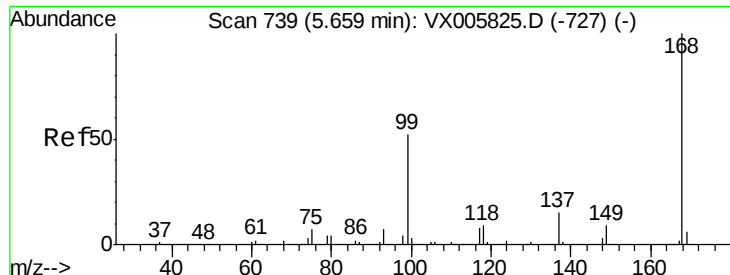
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Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	36764	19.628	ug/l	99
94) Hexachlorobutadiene	13.78	225	16780	17.055	ug/l	98
95) Naphthalene	13.83	128	117400	19.945	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	37800	19.810	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 741

Delta R.T. 0.01 min

Lab File: VX006096.D

Acq: 19 Nov 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

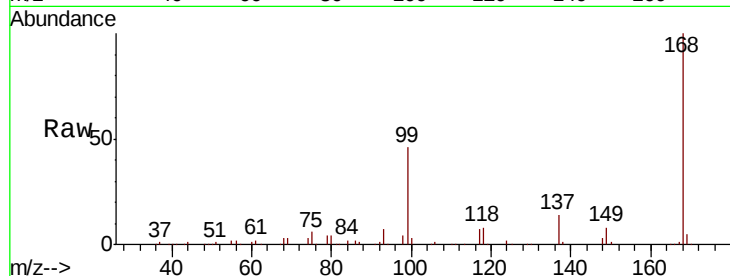
VX1119MBS01

Tot Ion:168 Resp: 132461

Ion Ratio Lower Upper

168 100

99 46.3 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

50000

40000

30000

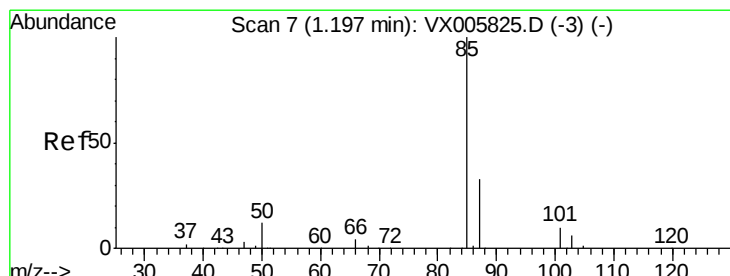
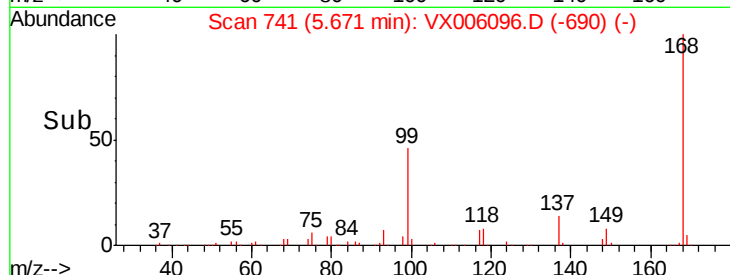
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 14.071 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006096.D

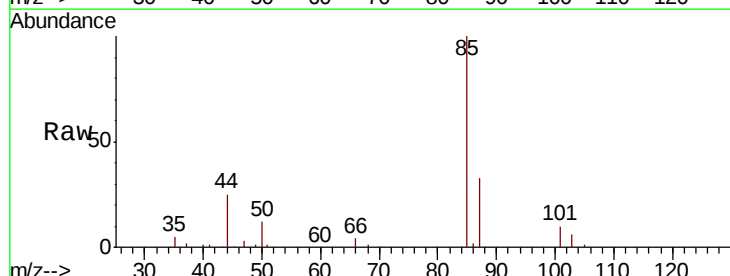
Acq: 19 Nov 2018 17:27

Tgt Ion: 85 Resp: 16805

Ion Ratio Lower Upper

85 100

87 33.1 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

15000

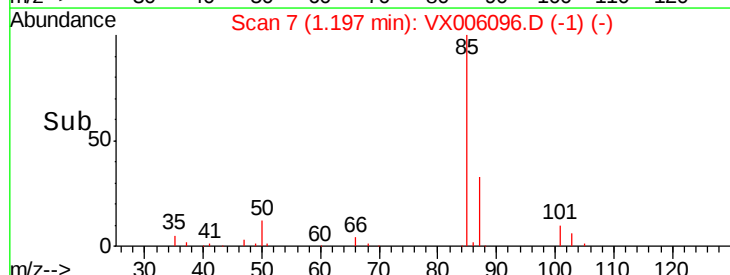
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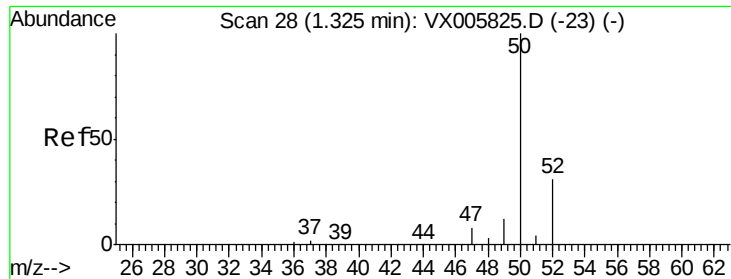
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0

Time-->

1.15 1.20 1.25

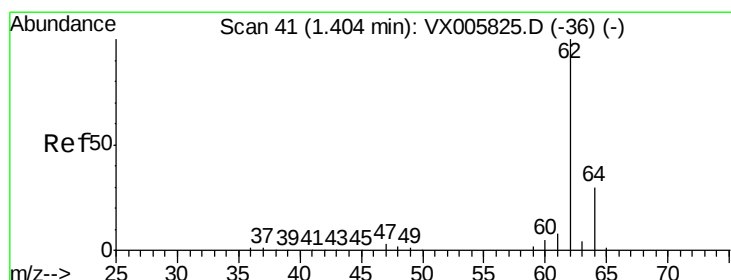
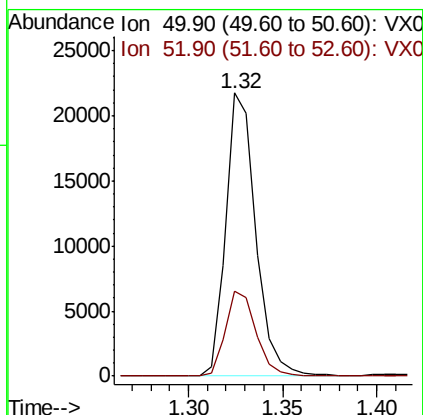
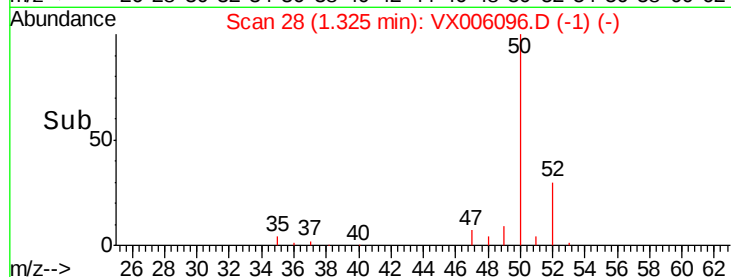
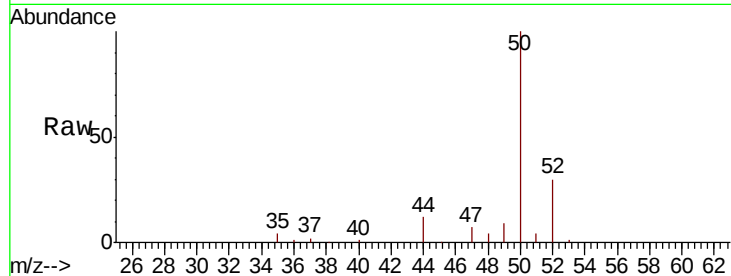




#3
Chloromethane
Concen: 15.241 ug/l
RT: 1.32 min Scan# 28
Delta R.T. -0.00 min
Lab File: VX006096.D
Acq: 19 Nov 2018 17:27

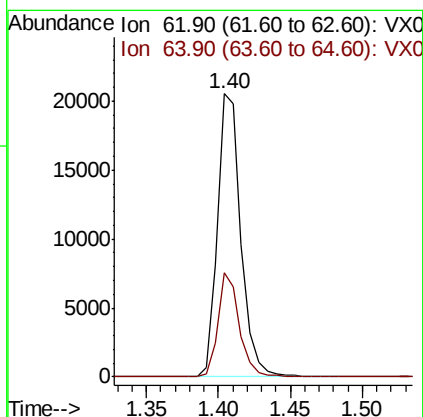
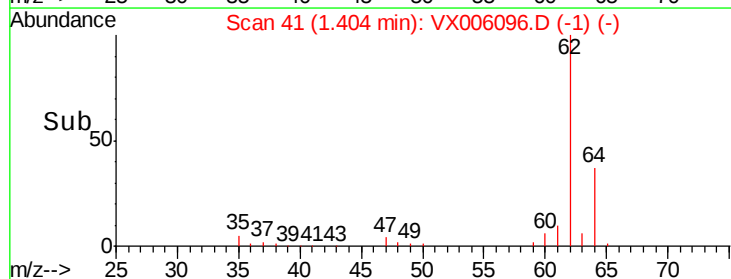
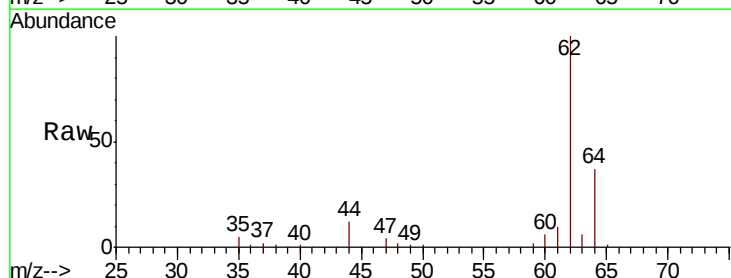
Instrument :
MSVOA_X
ClientSampleId :
VX1119MBSD01

Tot Ion: 50 Resp: 23888
Ion Ratio Lower Upper
50 100
52 30.1 26.2 39.2



#4
Vinyl Chloride
Concen: 14.896 ug/l
RT: 1.40 min Scan# 41
Delta R.T. -0.00 min
Lab File: VX006096.D
Acq: 19 Nov 2018 17:27

Tgt Ion: 62 Resp: 23438
Ion Ratio Lower Upper
62 100
64 36.6 25.3 37.9





#5

Bromomethane

Concen: 14.145 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX006096.D

Acq: 19 Nov 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

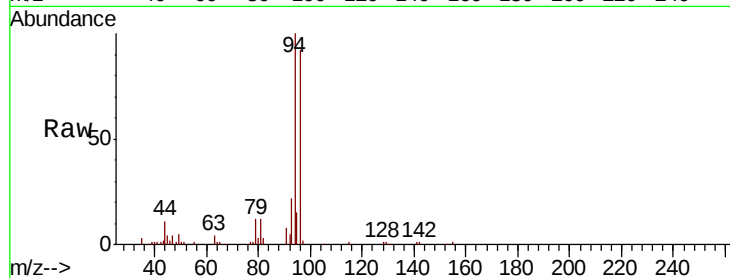
VX1119MBSD01

Tot Ion: 94 Resp: 13620

Ion Ratio Lower Upper

94 100

96 92.1 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

15000

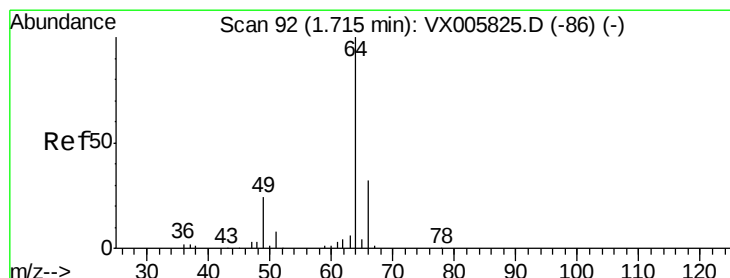
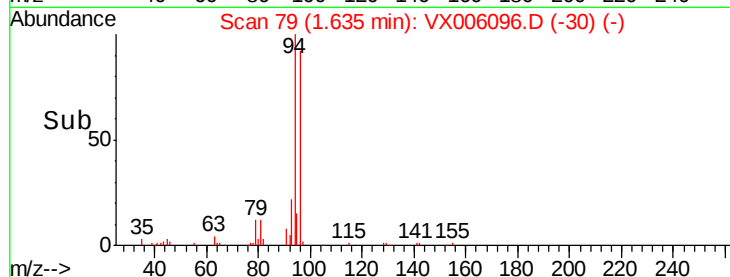
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5000

0

Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 16.970 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX006096.D

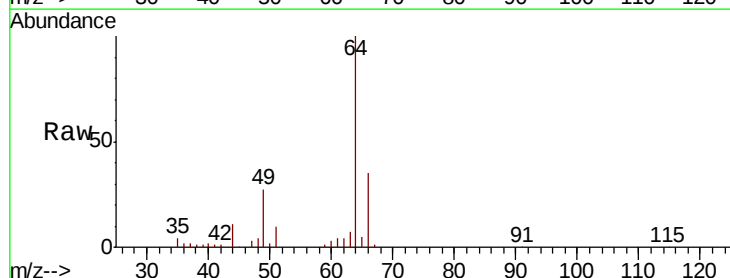
Acq: 19 Nov 2018 17:27

Tgt Ion: 64 Resp: 15932

Ion Ratio Lower Upper

64 100

66 34.9 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

12000

10000

8000

6000

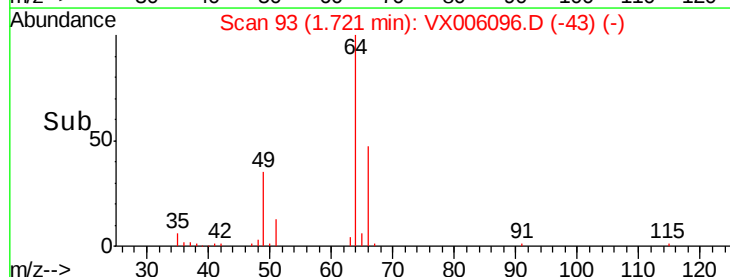
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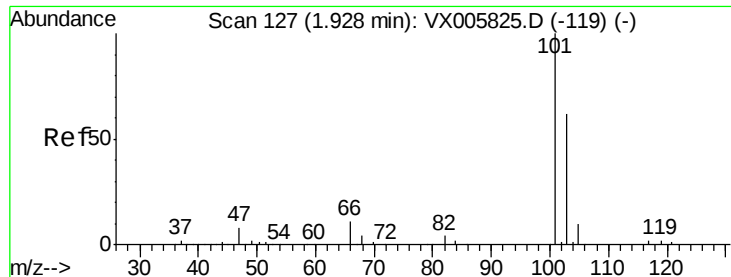
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0

Time-->

1.65 1.70 1.75 1.80



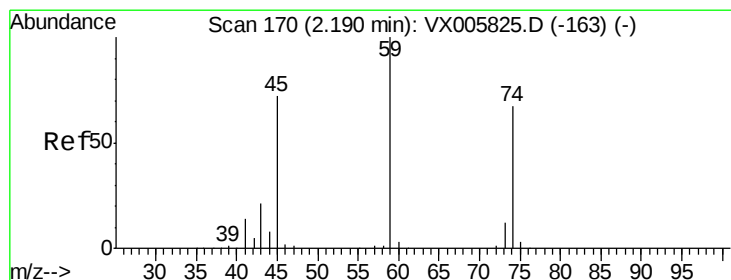
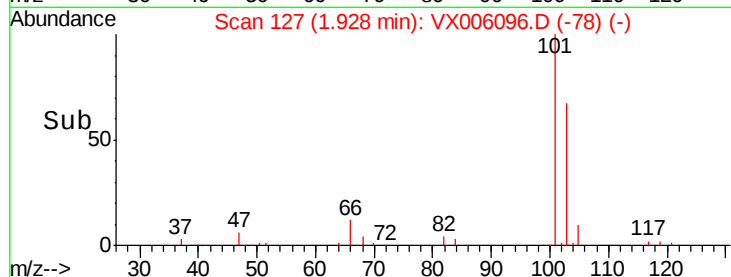
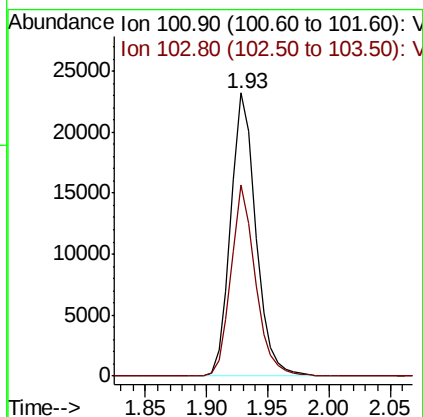
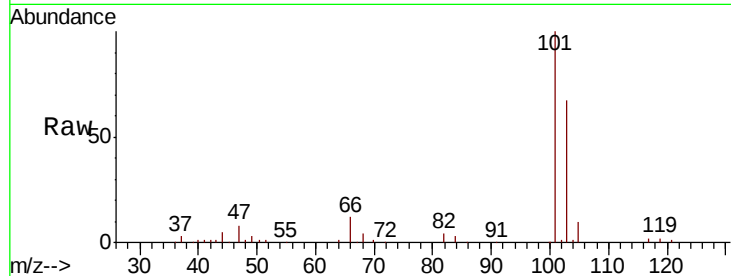


#7

Trichlorofluoromethane
 Concen: 15.780 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX006096.D
 Acq: 19 Nov 2018 17:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1119MBS01

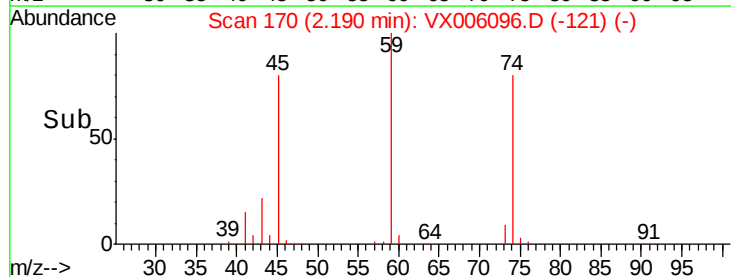
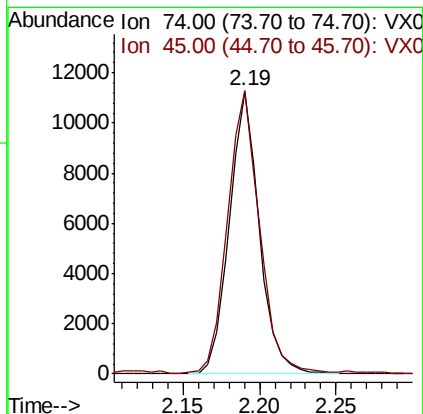
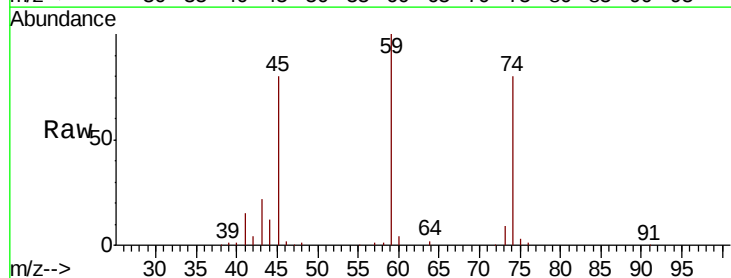
Tot Ion:101 Resp: 32958
 Ion Ratio Lower Upper
 101 100
 103 67.4 50.0 75.0

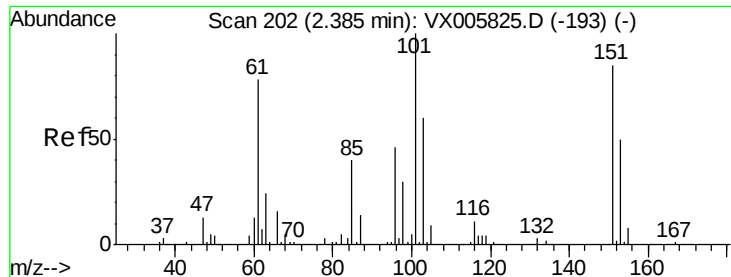


#8

Diethyl Ether
 Concen: 18.635 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX006096.D
 Acq: 19 Nov 2018 17:27

Tgt Ion: 74 Resp: 15251
 Ion Ratio Lower Upper
 74 100
 45 108.7 54.1 162.3

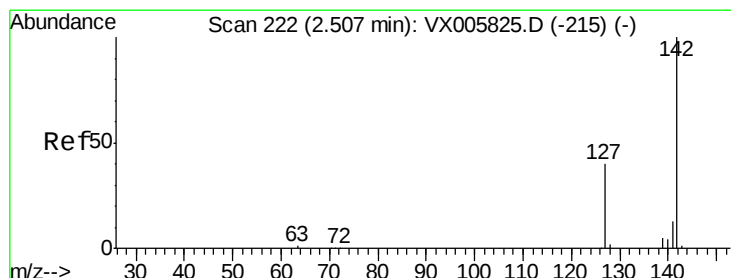
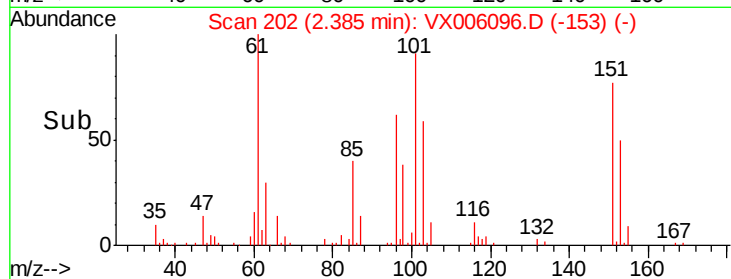
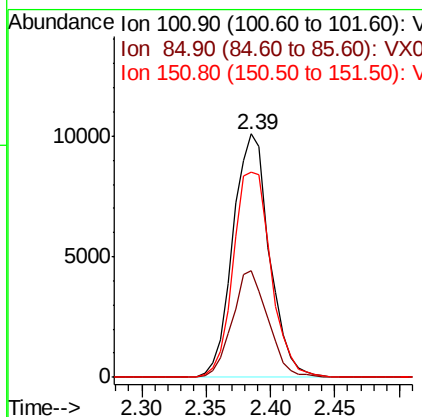
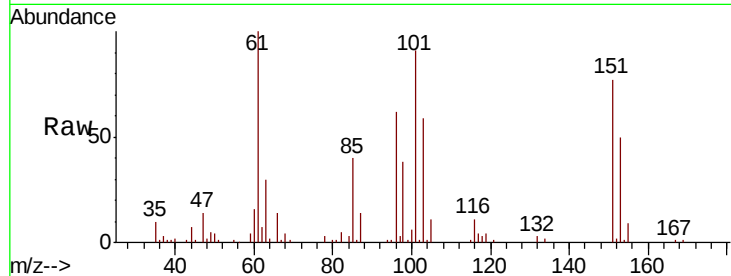




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 16.559 ug/l
 RT: 2.39 min Scan# 202
 Delta R.T. -0.00 min
 Lab File: VX006096.D
 Acq: 19 Nov 2018 17:27

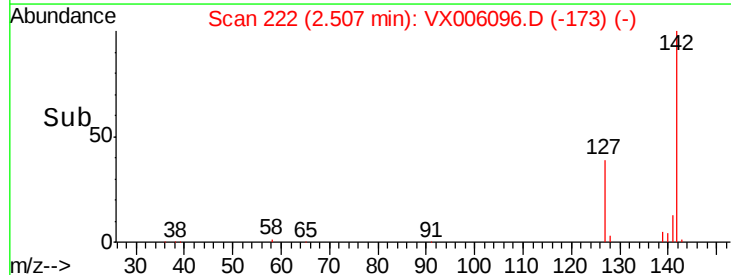
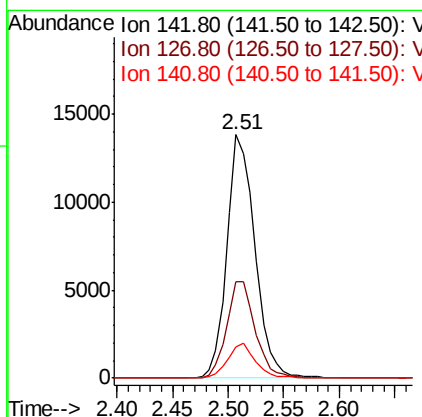
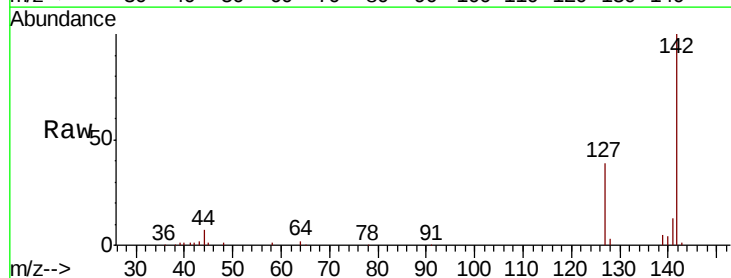
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1119MBSD01

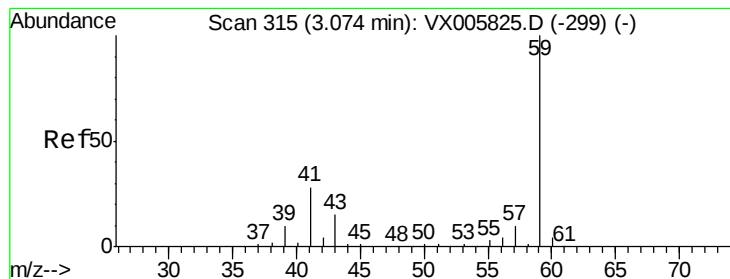
Tot Ion	Ratio	Lower	Upper
101	100		
85	42.7	35.0	52.4
151	87.0	66.2	99.2



#10
 Methyl Iodide
 Concen: 16.594 ug/l
 RT: 2.51 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VX006096.D
 Acq: 19 Nov 2018 17:27

Tgt Ion	Ratio	Lower	Upper
142	100		
127	40.0	36.0	54.0
141	14.0	11.7	17.5



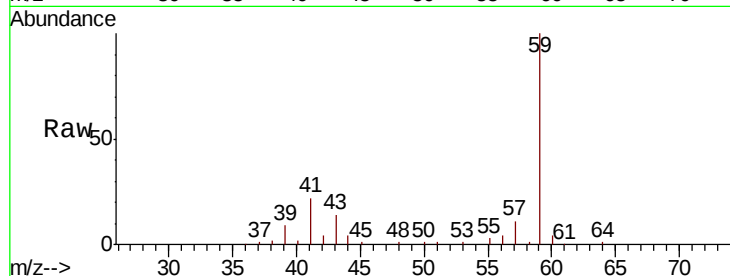


#11

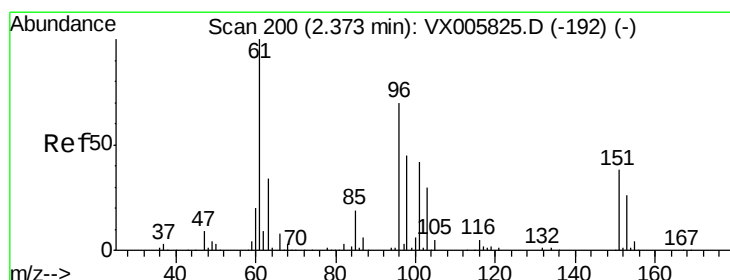
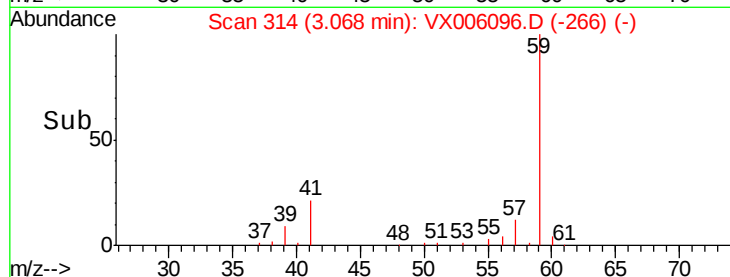
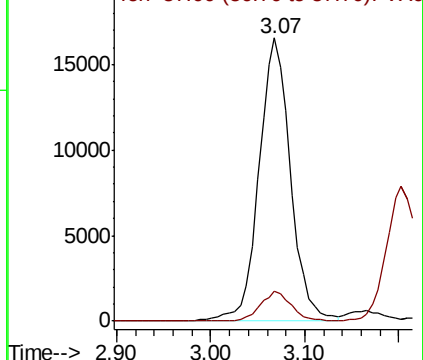
Tert butyl alcohol
 Concen: 88.946 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX006096.D
 Acq: 19 Nov 2018 17:27

Instrument :
 MSVOA_X
 ClientSampleID :
 VX1119MBSD01

Tot Ion: 59 Resp: 38801
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.5 12.7



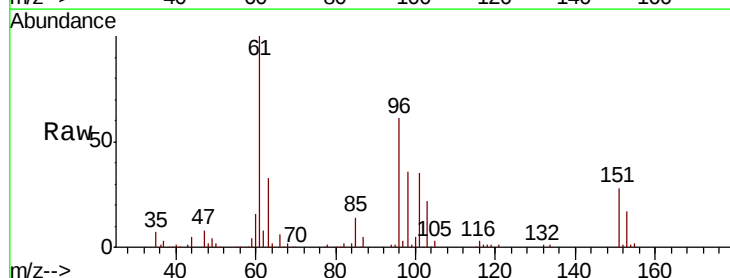
Abundance Ion 59.00 (58.70 to 59.70): VX0
 Ion 57.00 (56.70 to 57.70): VX0



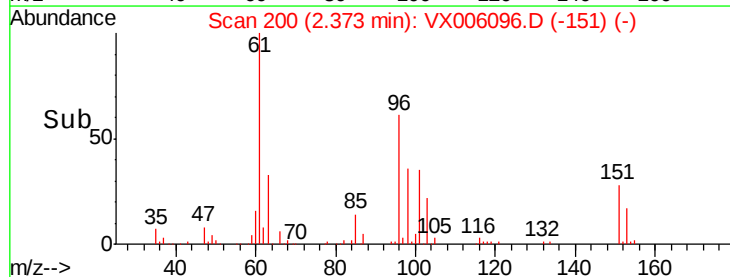
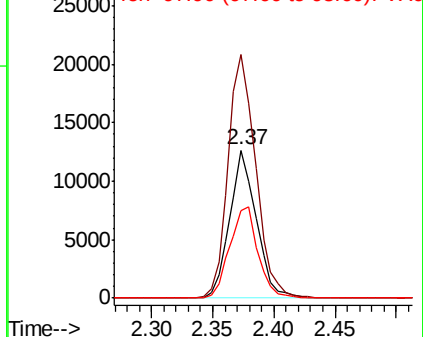
#12

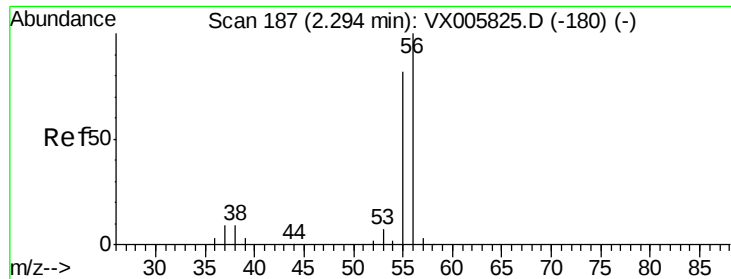
1,1-Dichloroethene
 Concen: 16.273 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX006096.D
 Acq: 19 Nov 2018 17:27

Tgt Ion: 96 Resp: 19052
 Ion Ratio Lower Upper
 96 100
 61 164.7 131.8 197.8
 98 58.8 53.4 80.2



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

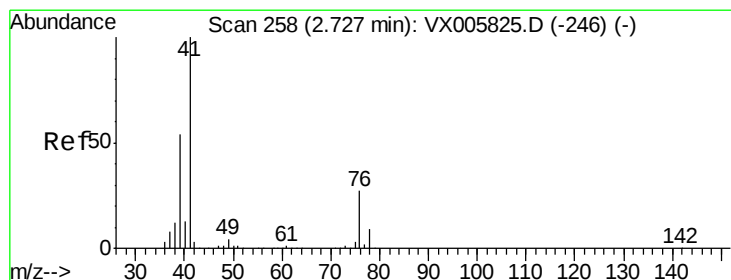
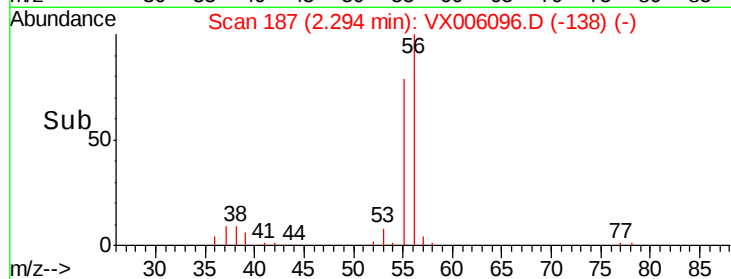
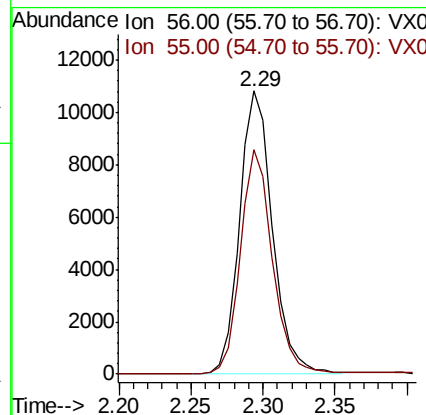
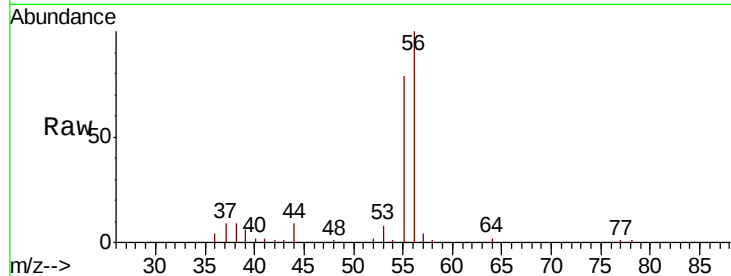




#13
Acrolein
Concen: 95.481 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX006096.D
Acq: 19 Nov 2018 17:27

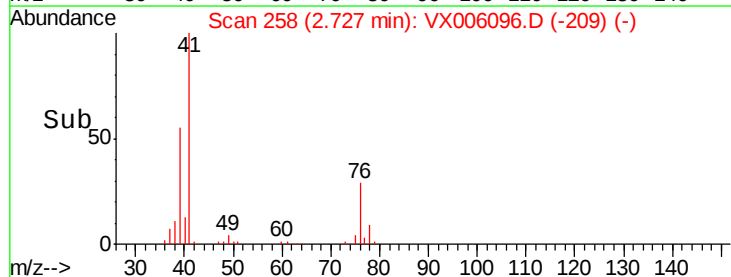
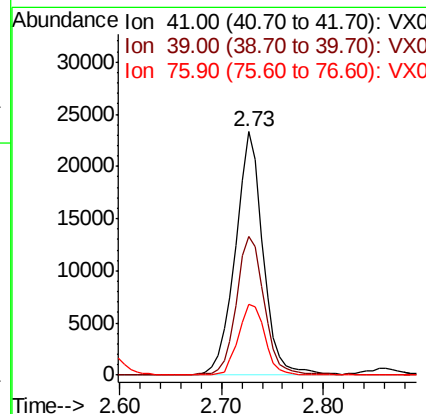
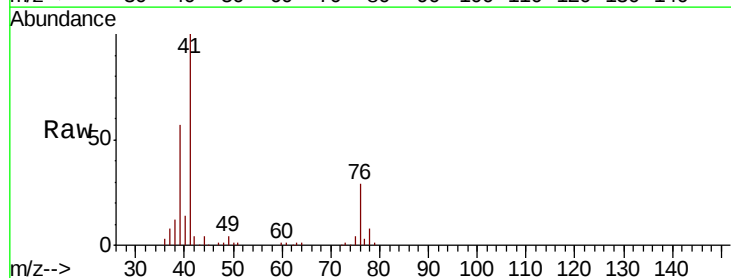
Instrument :
MSVOA_X
ClientSampleId :
VX1119MBS01

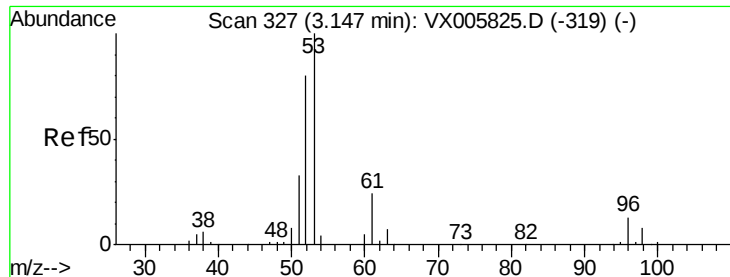
Tot Ion: 56 Resp: 17192
Ion Ratio Lower Upper
56 100
55 77.5 57.3 85.9



#14
Allyl chloride
Concen: 16.525 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX006096.D
Acq: 19 Nov 2018 17:27

Tgt Ion: 41 Resp: 43211
Ion Ratio Lower Upper
41 100
39 58.3 48.2 72.4
76 28.2 21.9 32.9

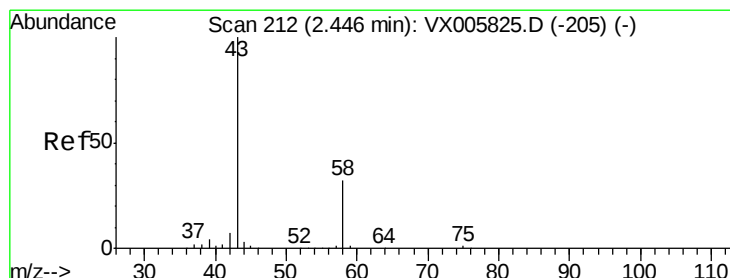
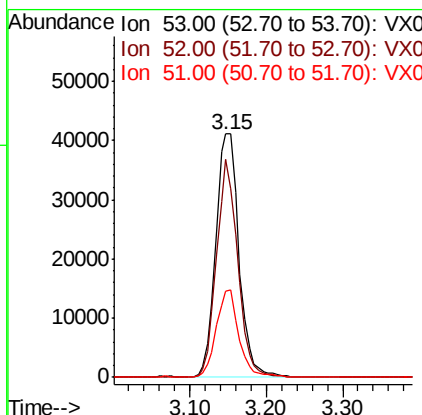
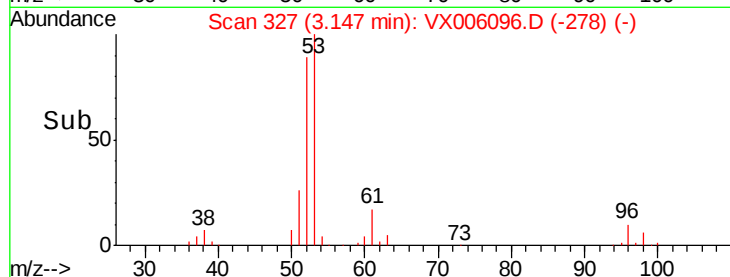
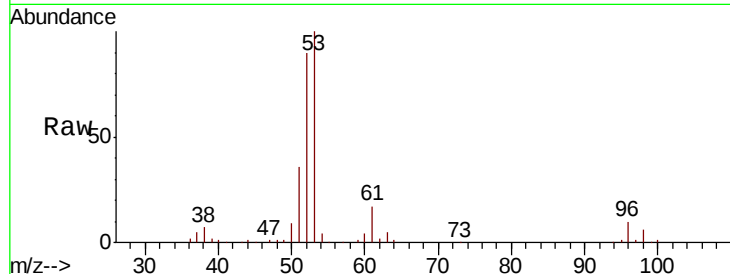




#15
 Acrylonitrile
 Concen: 95.988 ug/l
 RT: 3.15 min Scan# 327
 Delta R.T. -0.00 min
 Lab File: VX006096.D
 Acq: 19 Nov 2018 17:27

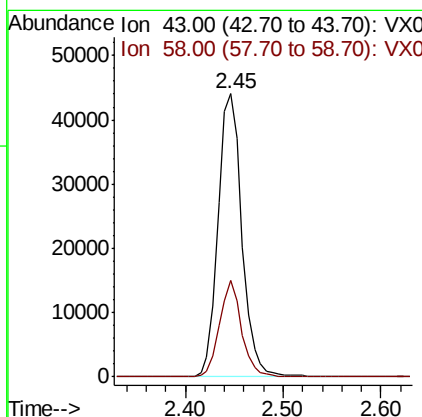
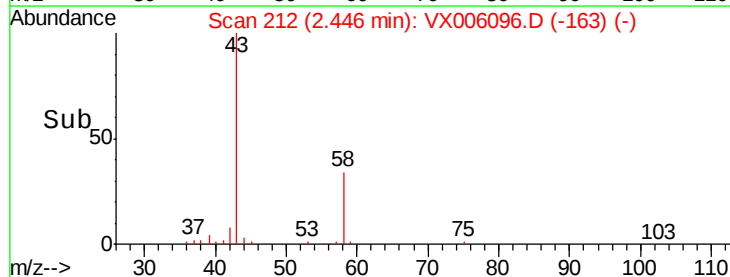
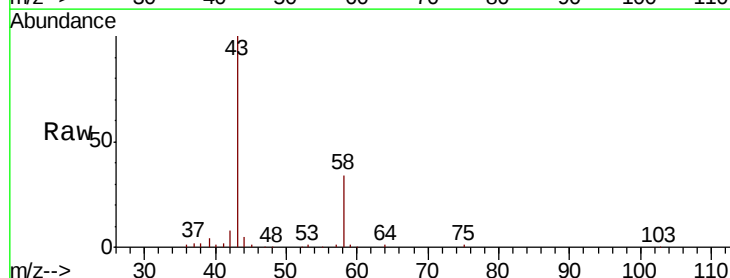
Instrument :
 MSVOA_X
 ClientSampleID :
 VX1119MBSD01

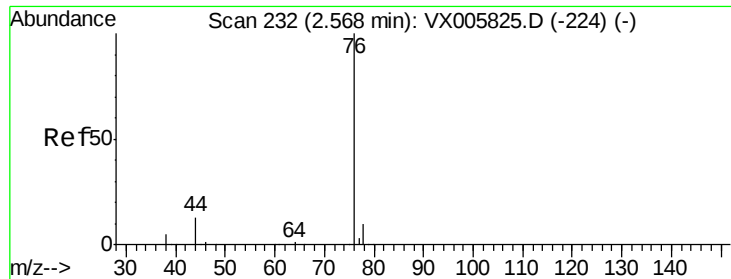
Tot Ion: 53 Resp: 86777
 Ion Ratio Lower Upper
 53 100
 52 81.9 66.6 99.8
 51 34.8 28.4 42.6



#16
 Acetone
 Concen: 90.452 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX006096.D
 Acq: 19 Nov 2018 17:27

Tgt Ion: 43 Resp: 74163
 Ion Ratio Lower Upper
 43 100
 58 34.2 23.8 35.6

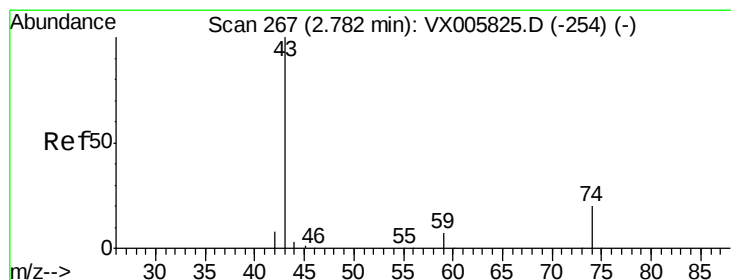
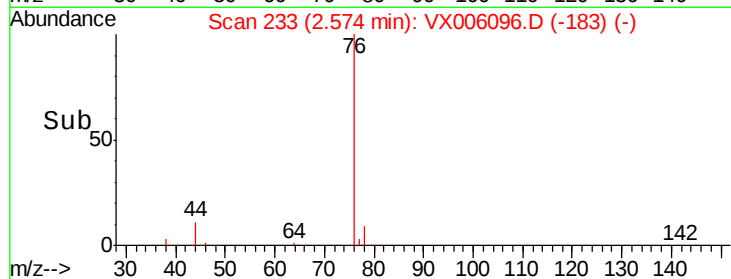
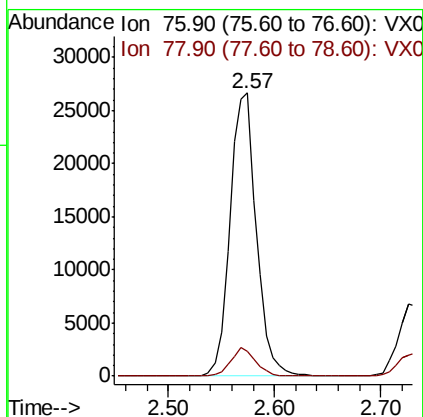
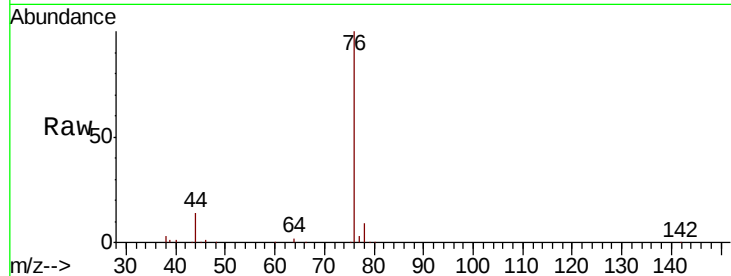




#17
Carbon Disulfide
Concen: 13.222 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX006096.D
Acq: 19 Nov 2018 17:27

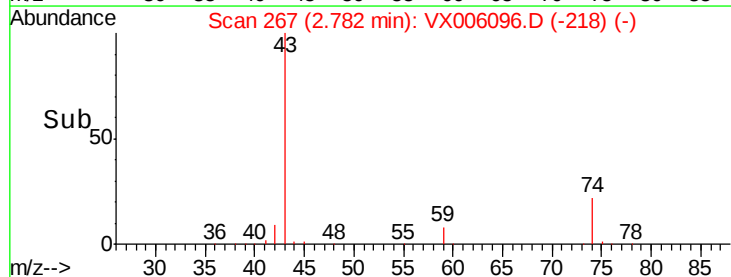
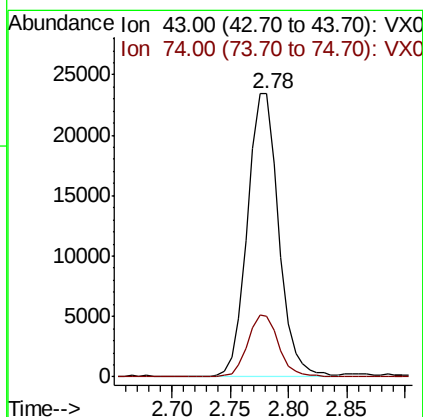
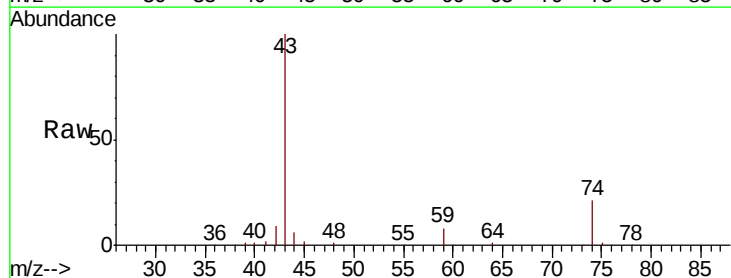
Instrument :
MSVOA_X
ClientSampleId :
VX1119MBSD01

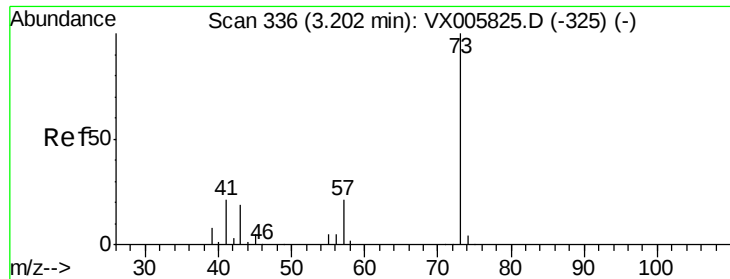
Tot Ion: 76 Resp: 46176
Ion Ratio Lower Upper
76 100
78 8.6 7.3 10.9



#18
Methyl Acetate
Concen: 18.927 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX006096.D
Acq: 19 Nov 2018 17:27

Tgt Ion: 43 Resp: 43613
Ion Ratio Lower Upper
43 100
74 21.9 16.8 25.2

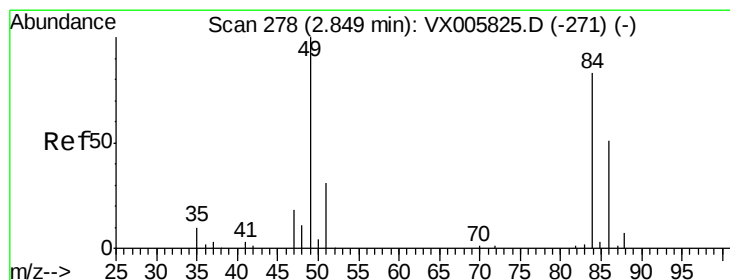
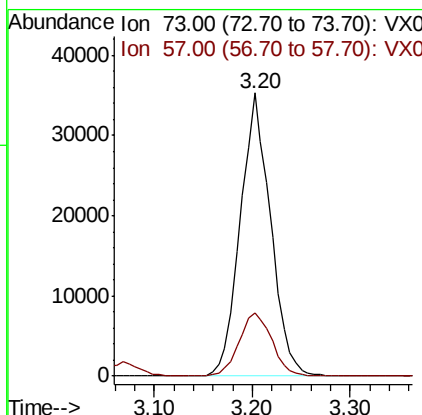
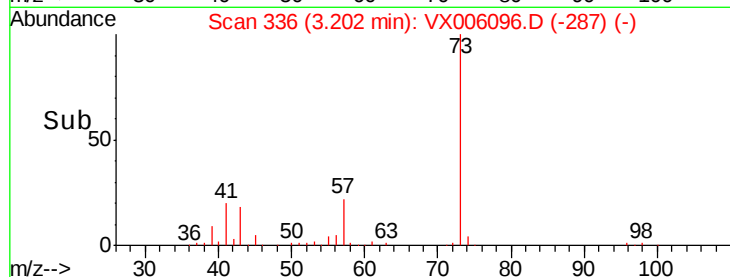
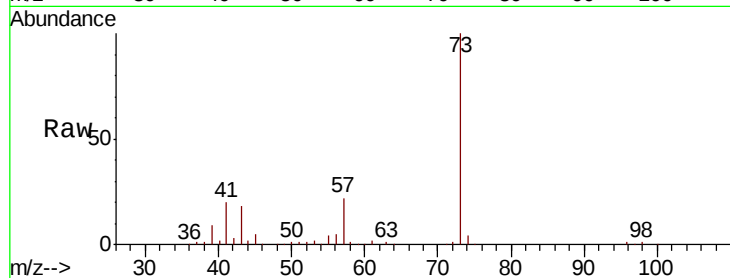




#19
Methyl tert-butyl Ether
Concen: 19.066 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX006096.D
Acq: 19 Nov 2018 17:27

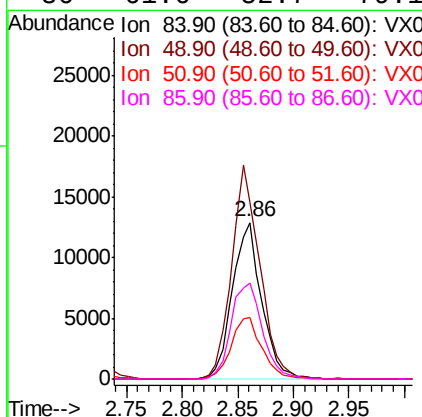
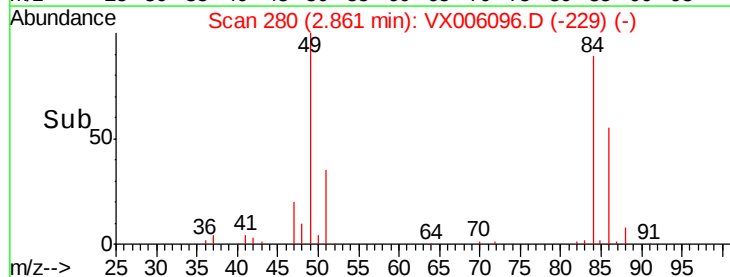
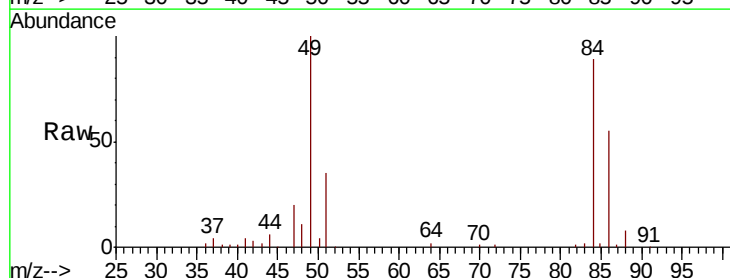
Instrument :
MSVOA_X
ClientSampleID :
VX1119MBS01

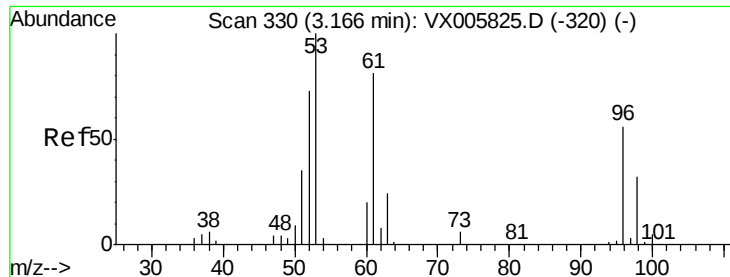
Tot Ion: 73 Resp: 76189
Ion Ratio Lower Upper
73 100
57 22.4 18.8 28.2



#20
Methylene Chloride
Concen: 17.424 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX006096.D
Acq: 19 Nov 2018 17:27

Tgt Ion: 84 Resp: 23467
Ion Ratio Lower Upper
84 100
49 112.6 109.5 164.3
51 39.5 33.3 49.9
86 61.6 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 16.809 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX006096.D

Acq: 19 Nov 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

VX1119MBS01

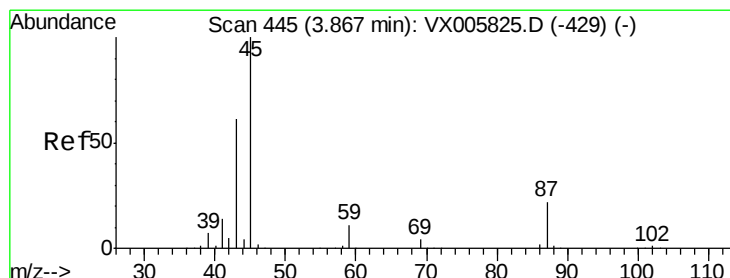
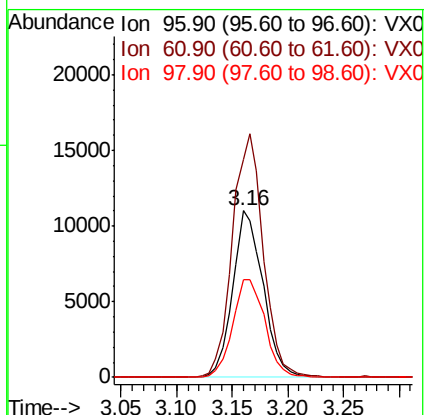
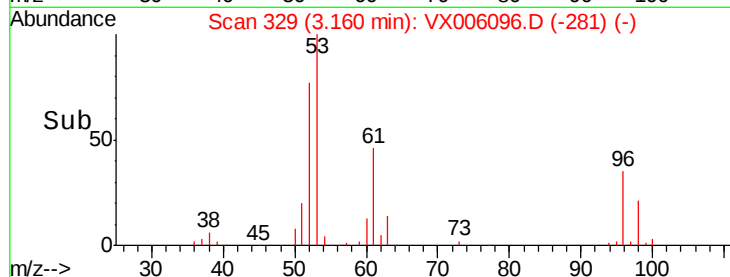
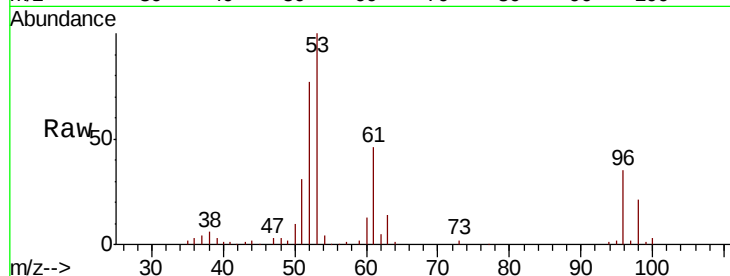
Tot Ion: 96 Resp: 20758

Ion Ratio Lower Upper

96 100

61 130.5 115.6 173.4

98 58.2 50.2 75.2



#22

Diisopropyl ether

Concen: 18.327 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX006096.D

Acq: 19 Nov 2018 17:27

Tgt Ion: 45 Resp: 83953

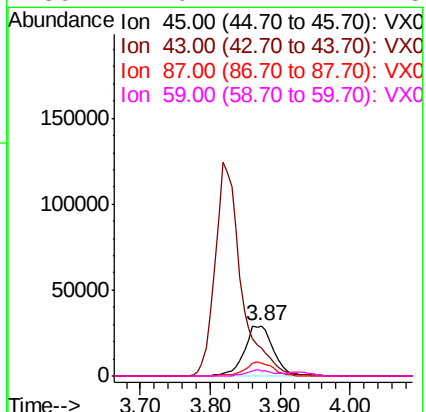
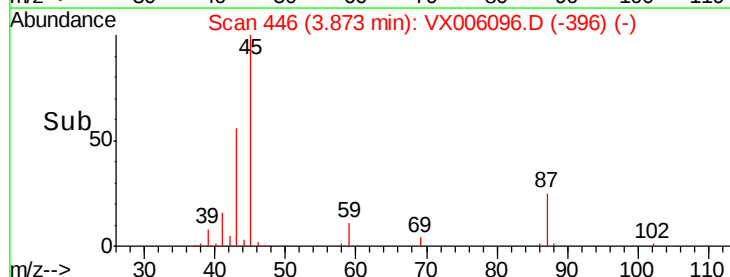
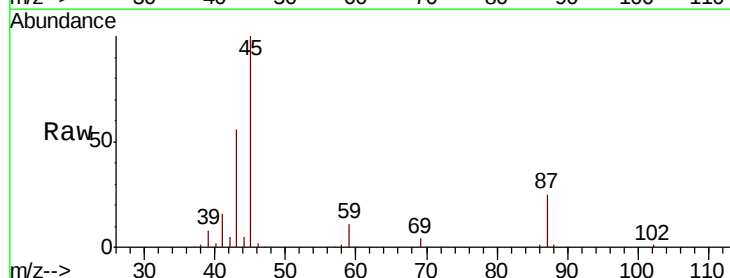
Ion Ratio Lower Upper

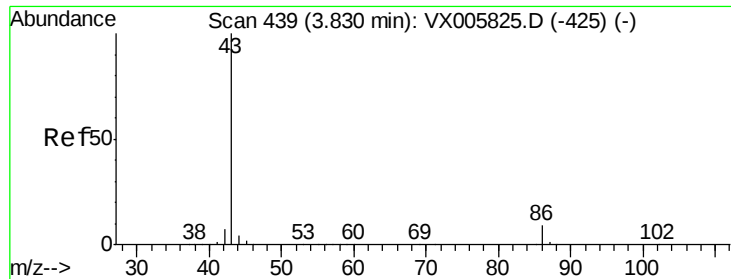
45 100

43 55.5 47.4 71.2

87 25.4 15.9 23.9#

59 11.0 7.7 11.5





#23

Vinyl Acetate

Concen: 82.434 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.01 min

Lab File: VX006096.D

Acq: 19 Nov 2018 17:27

Instrument :

MSVOA_X

ClientSampleID :

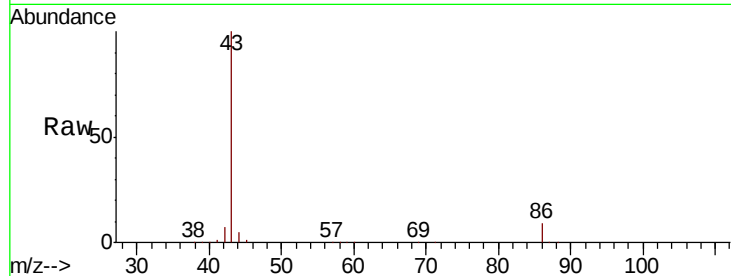
VX1119MBS01

Tot Ion: 43 Resp: 323765

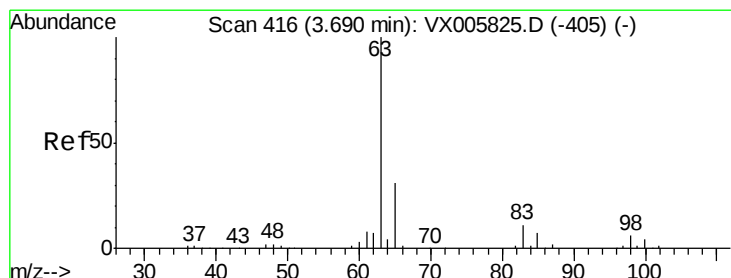
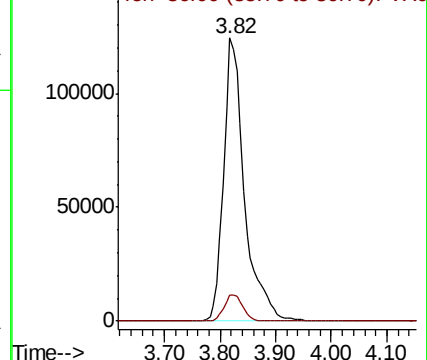
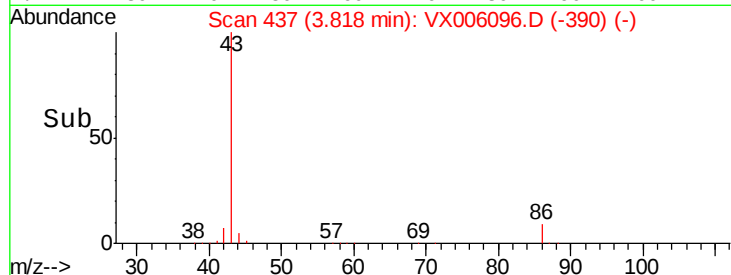
Ion Ratio Lower Upper

43 100

86 9.2 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VX006096.D (-390) (-)



#24

1,1-Dichloroethane

Concen: 17.868 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX006096.D

Acq: 19 Nov 2018 17:27

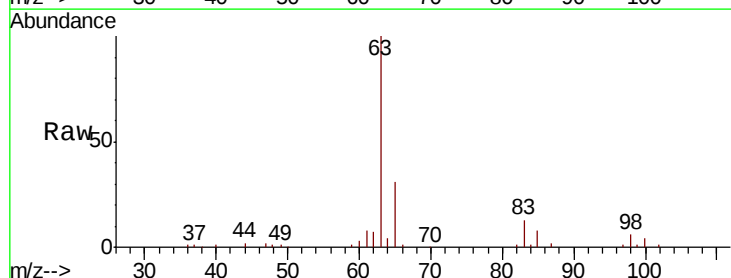
Tgt Ion: 63 Resp: 43667

Ion Ratio Lower Upper

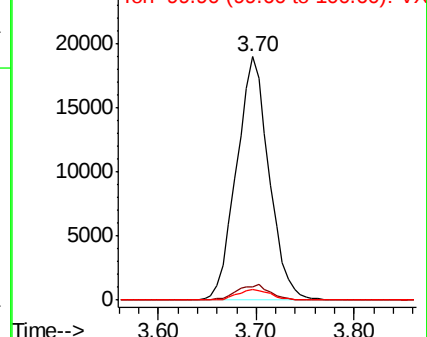
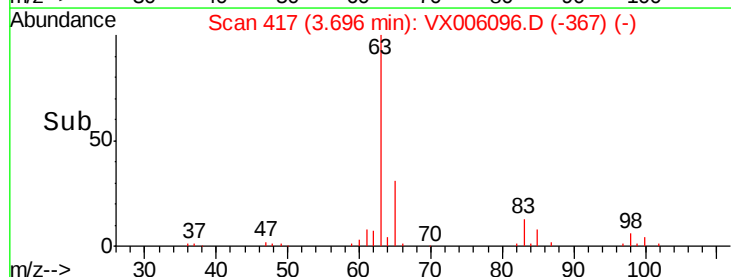
63 100

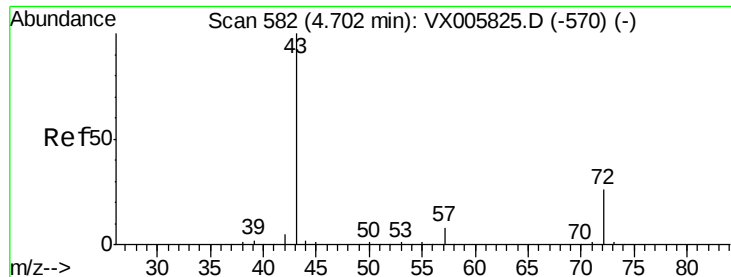
98 5.6 3.2 9.6

100 4.2 2.1 6.2



Abundance Ion 62.90 (62.60 to 63.60): VX006096.D (-367) (-)





#25

2-Butanone

Concen: 93.385 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX006096.D

Acq: 19 Nov 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

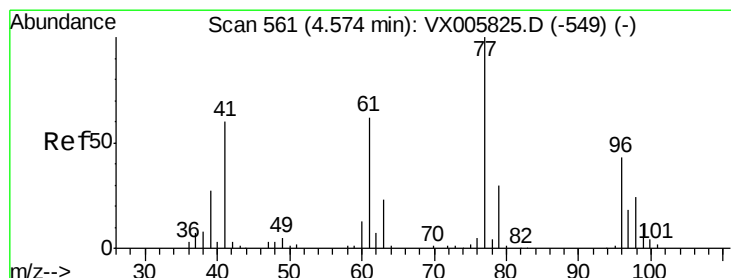
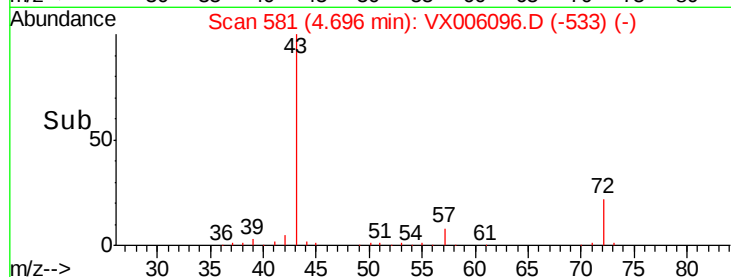
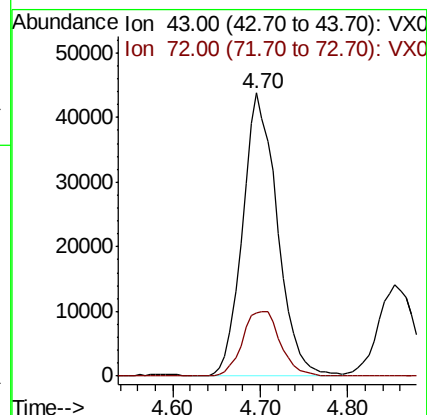
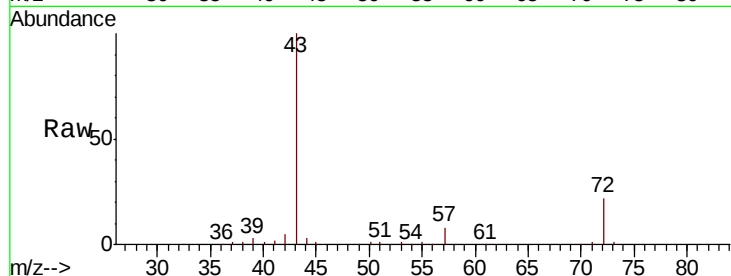
VX1119MBSD01

Tot Ion: 43 Resp: 120377

Ion Ratio Lower Upper

43 100

72 22.4 19.2 28.8



#26

2,2-Dichloropropane

Concen: 15.680 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.01 min

Lab File: VX006096.D

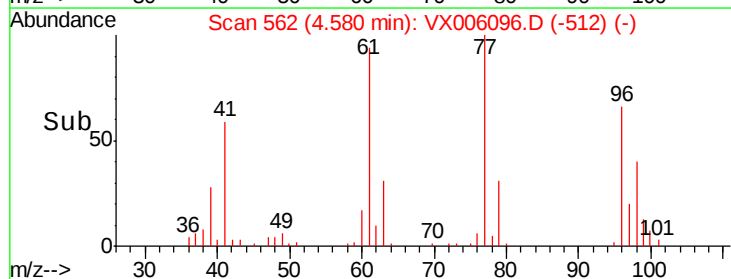
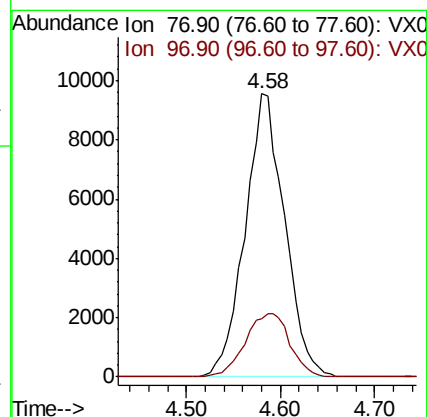
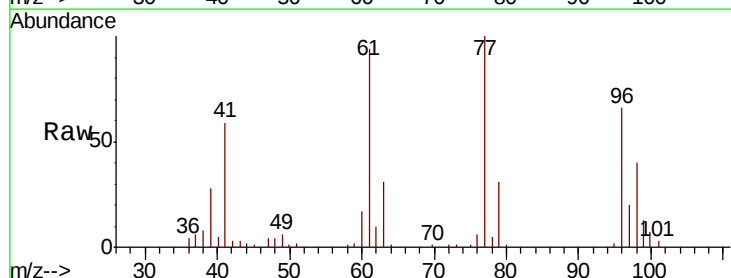
Acq: 19 Nov 2018 17:27

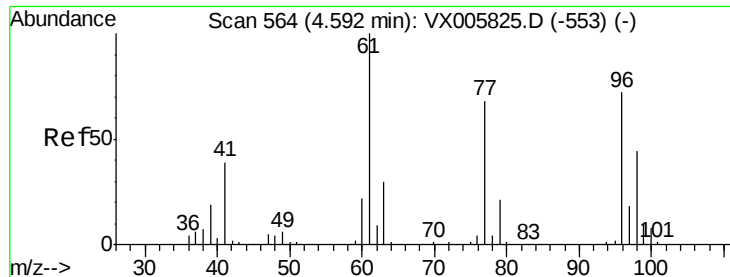
Tgt Ion: 77 Resp: 28109

Ion Ratio Lower Upper

77 100

97 25.1 11.5 34.5



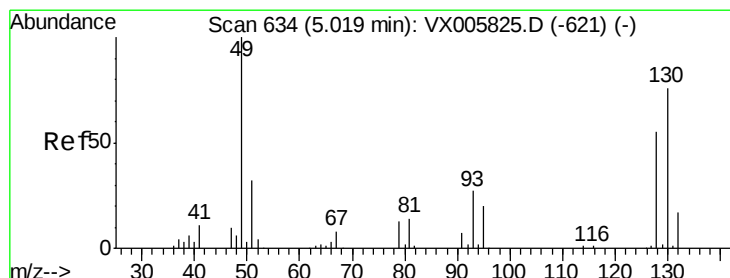
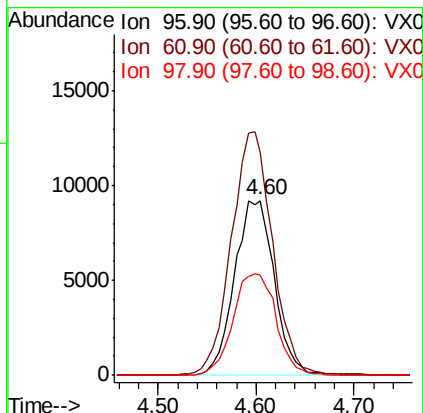
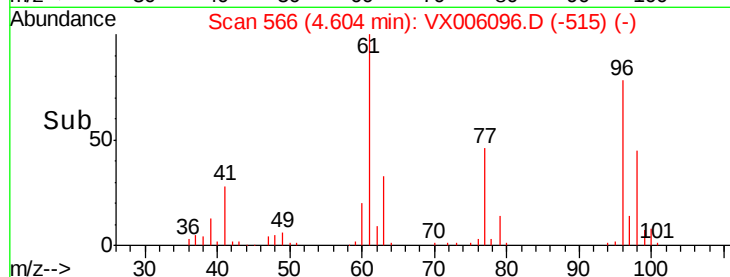
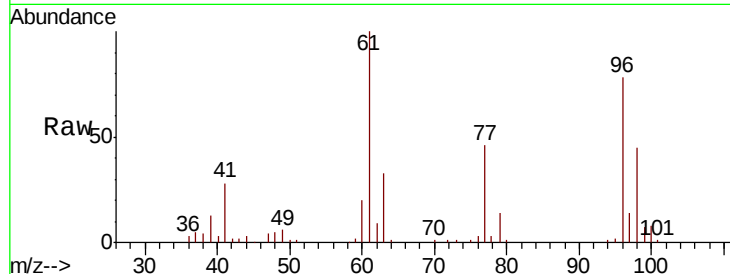


#27

cis-1,2-Dichloroethene
Concen: 19.020 ug/l
RT: 4.60 min Scan# 566
Delta R.T. 0.01 min
Lab File: VX006096.D
Acq: 19 Nov 2018 17:27

Instrument :
MSVOA_X
ClientSampleId :
VX1119MBSD01

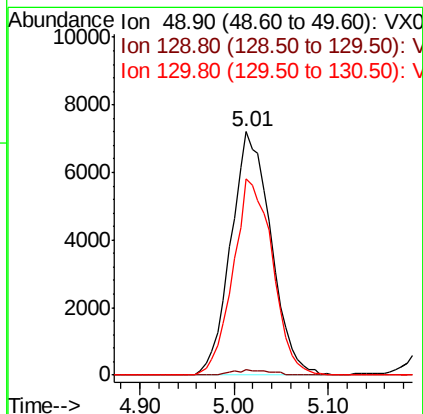
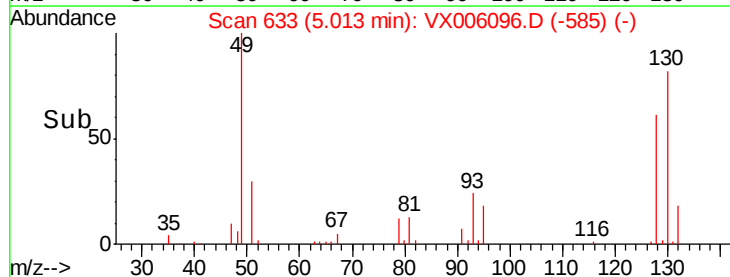
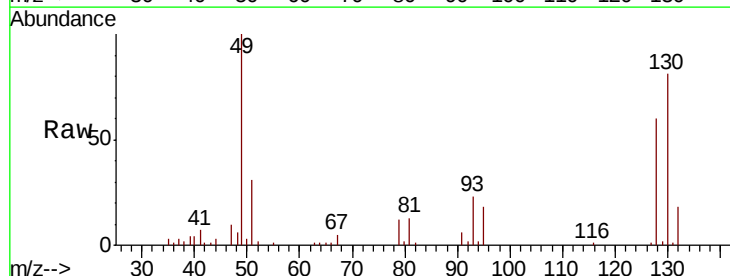
Tot Ion: 96 Resp: 25935
Ion Ratio Lower Upper
96 100
61 144.5 0.0 304.6
98 62.5 0.0 127.4



#28

Bromochloromethane
Concen: 19.444 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX006096.D
Acq: 19 Nov 2018 17:27

Tgt Ion: 49 Resp: 21237
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.0
130 79.8 58.9 88.3





#29

Tetrahydrofuran

Concen: 93.334 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX006096.D

Acq: 19 Nov 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

VX1119MBSD01

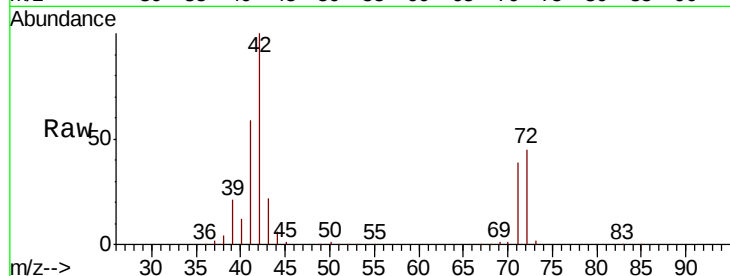
Tot Ion: 42 Resp: 77249

Ion Ratio Lower Upper

42 100

72 42.1 32.0 48.0

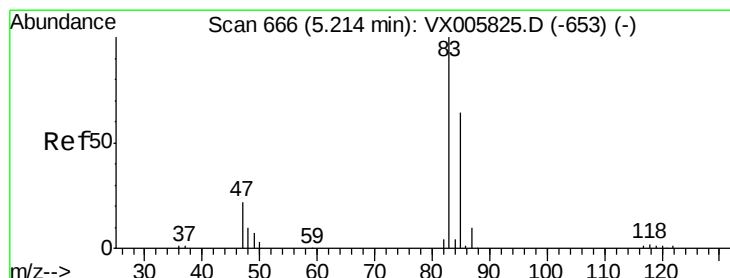
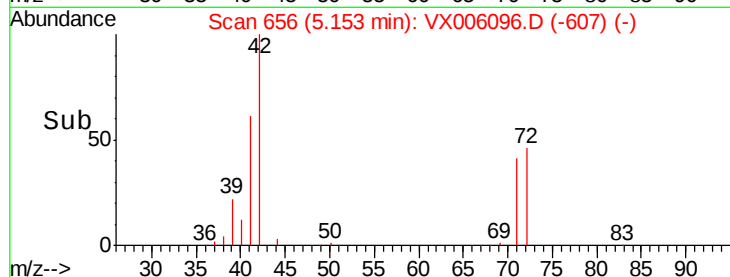
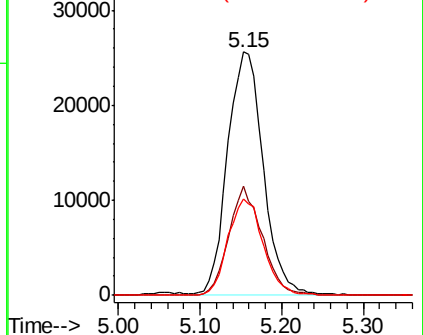
71 39.2 29.8 44.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 17.979 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX006096.D

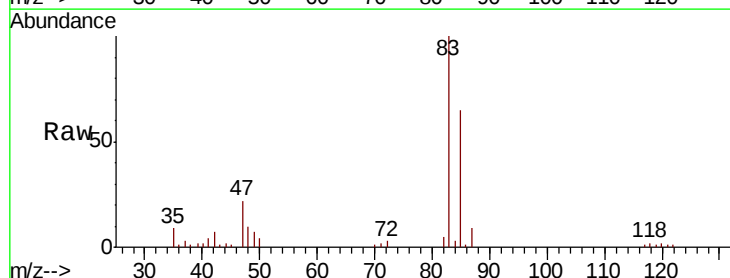
Acq: 19 Nov 2018 17:27

Tgt Ion: 83 Resp: 42392

Ion Ratio Lower Upper

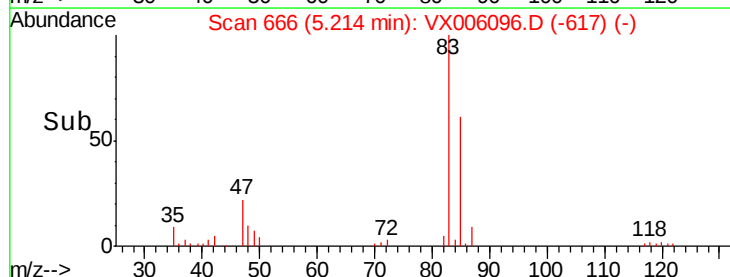
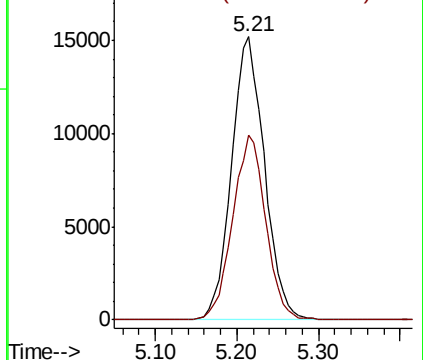
83 100

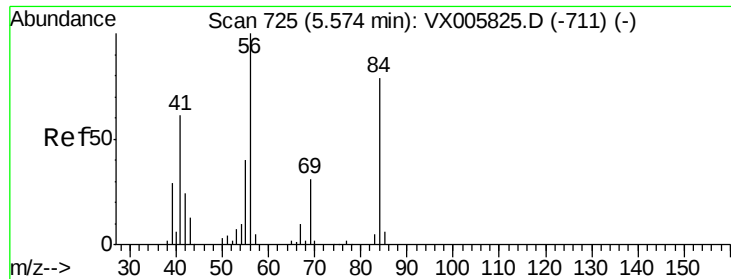
85 65.4 50.6 76.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

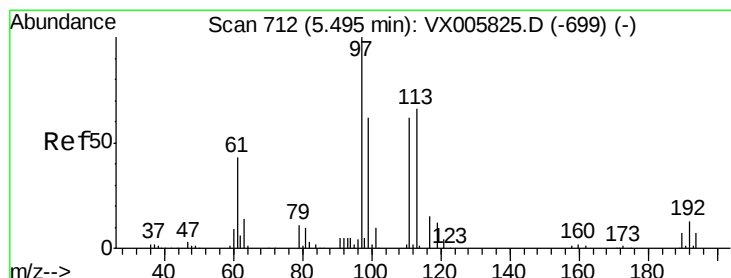
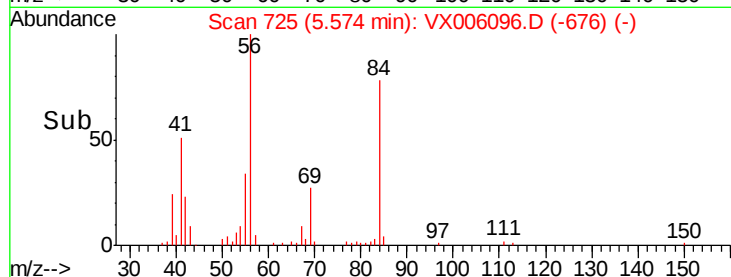
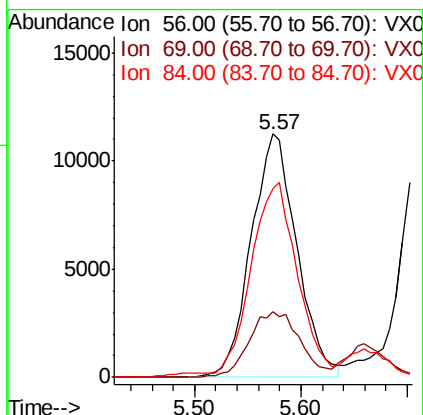
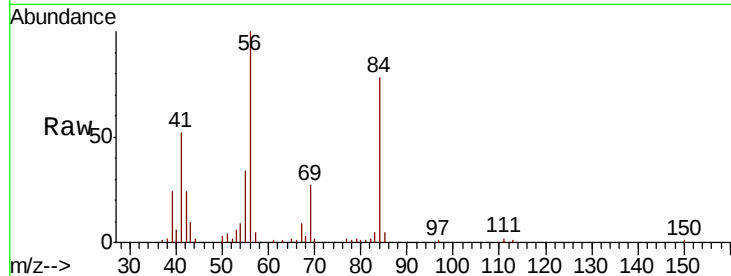




#31
Cyclohexane
Concen: 15.874 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX006096.D
Acq: 19 Nov 2018 17:27

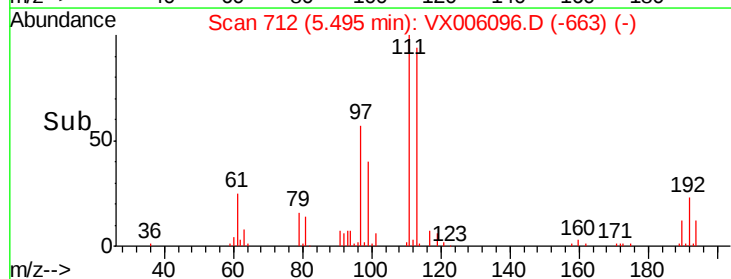
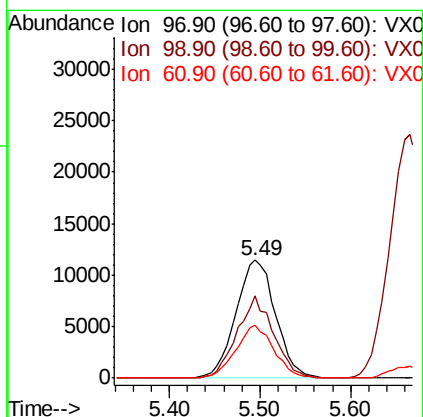
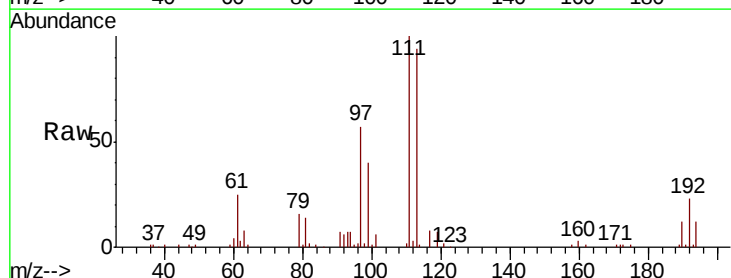
Instrument :
MSVOA_X
ClientSampleId :
VX1119MBS01

Tot Ion: 56 Resp: 33675
Ion Ratio Lower Upper
56 100
69 27.2 22.6 34.0
84 75.7 62.7 94.1



#32
1,1,1-Trichloroethane
Concen: 17.582 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX006096.D
Acq: 19 Nov 2018 17:27

Tgt Ion: 97 Resp: 34577
Ion Ratio Lower Upper
97 100
99 64.3 52.3 78.5
61 42.9 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 46.035 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX006096.D

Acq: 19 Nov 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

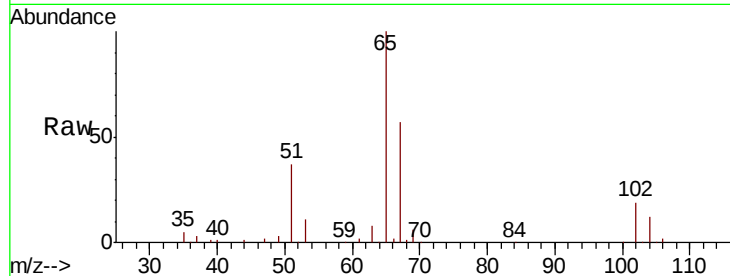
VX1119MBSD01

Tot Ion: 65 Resp: 70103

Ion Ratio Lower Upper

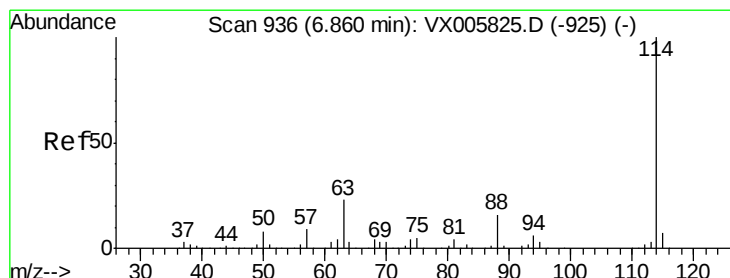
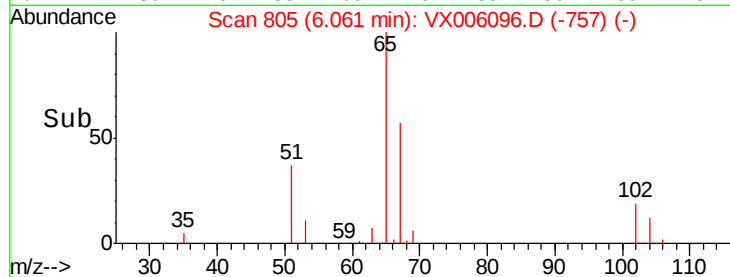
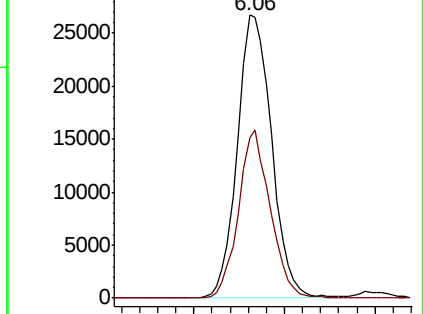
65 100

67 55.0 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 937

Delta R.T. 0.01 min

Lab File: VX006096.D

Acq: 19 Nov 2018 17:27

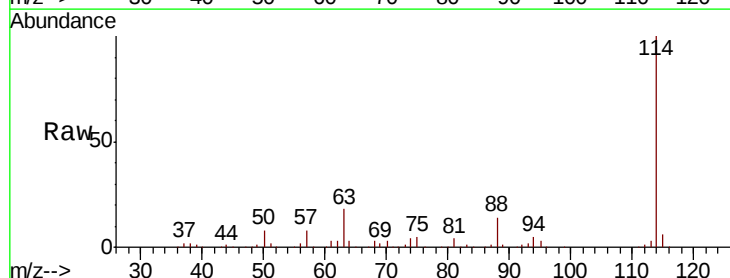
Tgt Ion: 114 Resp: 191773

Ion Ratio Lower Upper

114 100

63 18.4 0.0 42.8

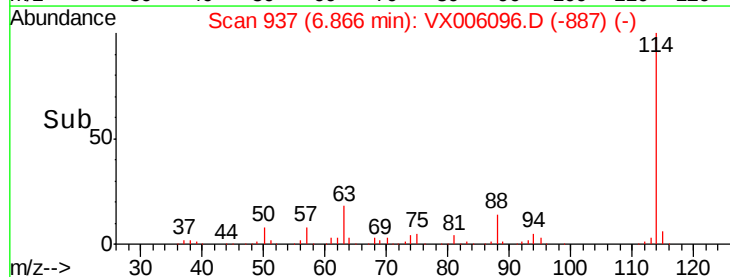
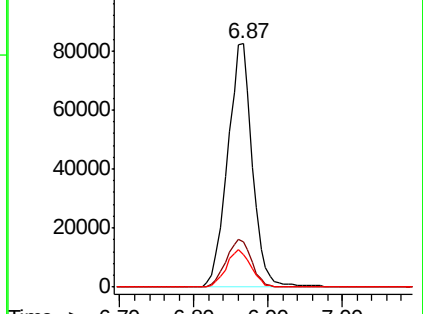
88 13.5 0.0 31.2

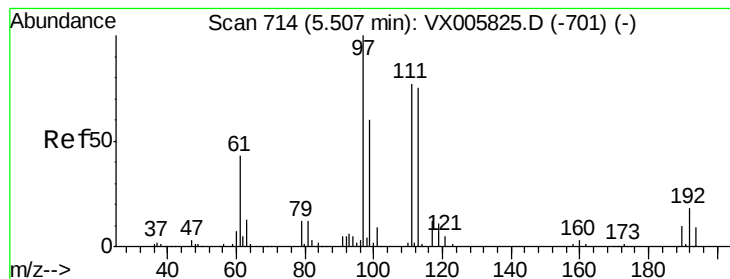


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 44.770 ug/l

RT: 5.51 min Scan# 714

Delta R.T. -0.00 min

Lab File: VX006096.D

Acq: 19 Nov 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

VX1119MBS01

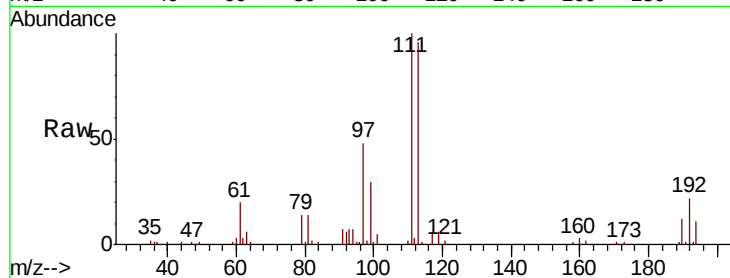
Tot Ion:113 Resp: 58395

Ion Ratio Lower Upper

113 100

111 102.5 82.3 123.5

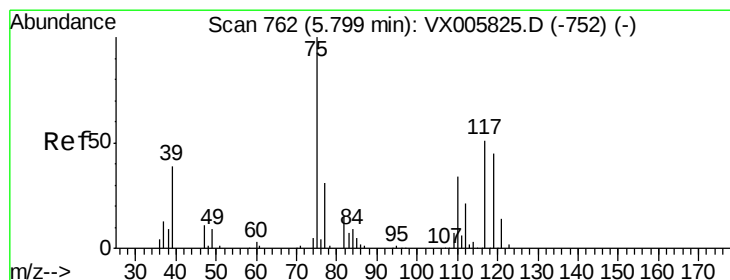
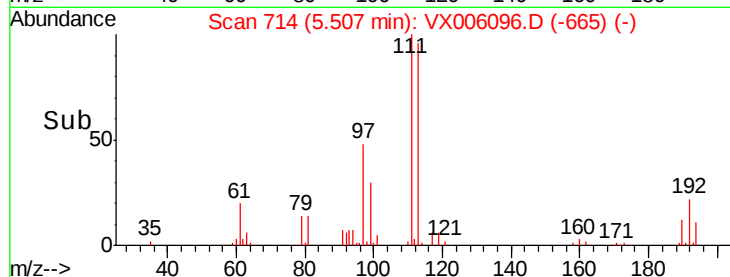
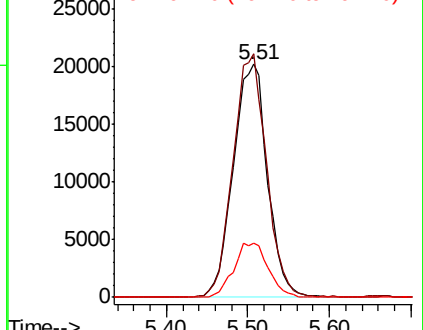
192 23.4 17.9 26.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 16.442 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX006096.D

Acq: 19 Nov 2018 17:27

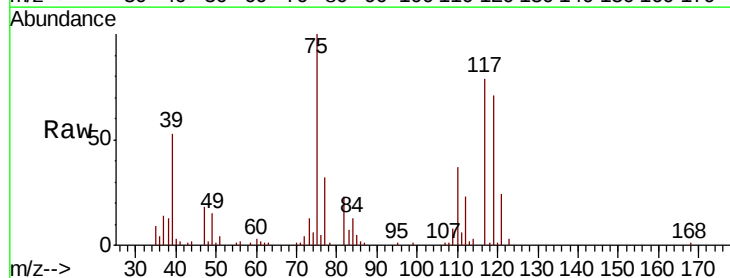
Tgt Ion: 75 Resp: 30396

Ion Ratio Lower Upper

75 100

110 36.4 17.4 52.2

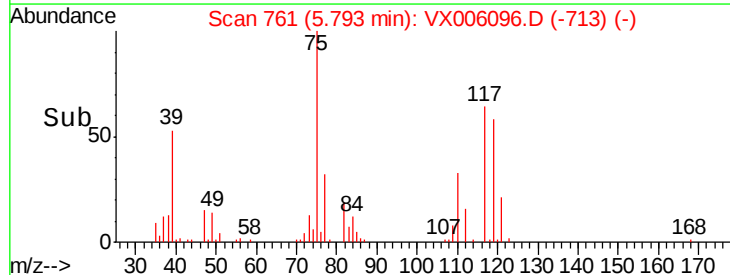
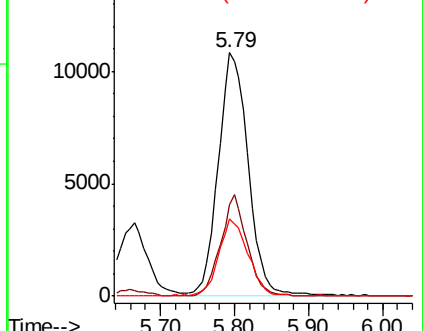
77 30.9 25.8 38.6

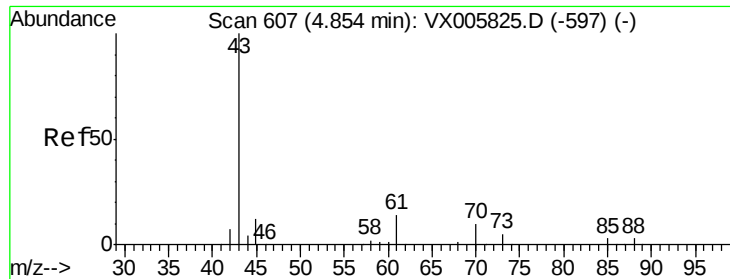


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

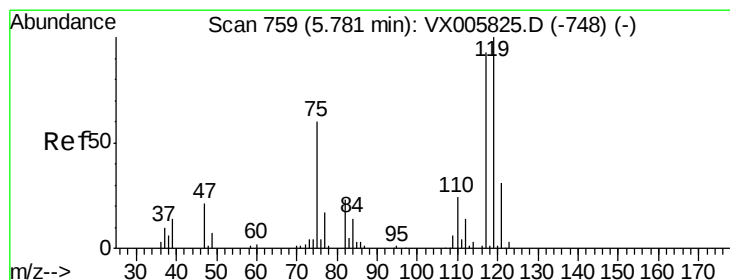
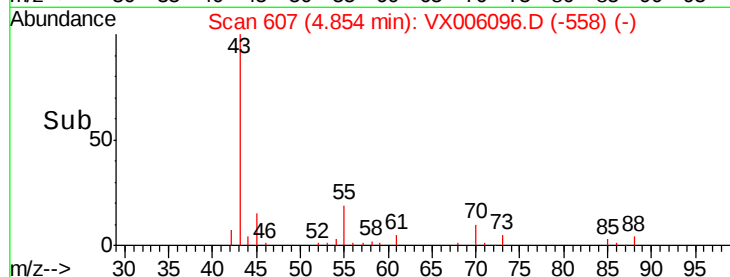
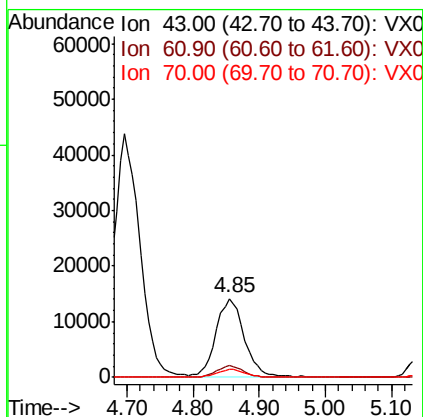
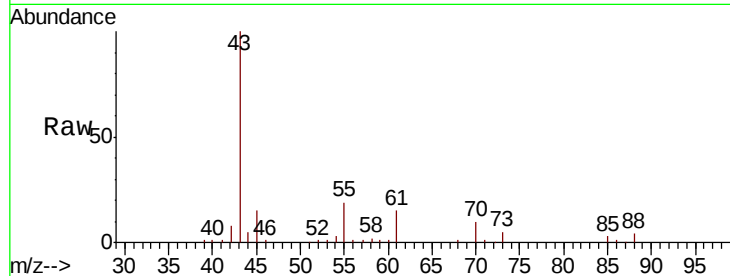




#37
Ethyl Acetate
Concen: 17.152 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX006096.D
Acq: 19 Nov 2018 17:27

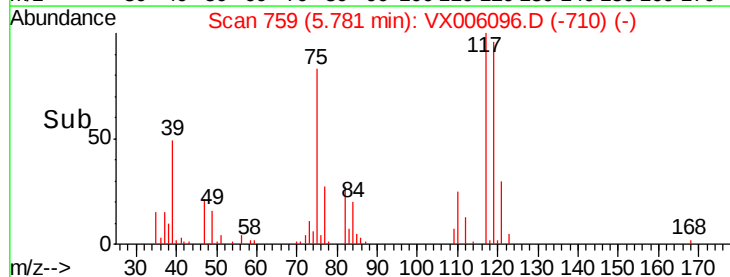
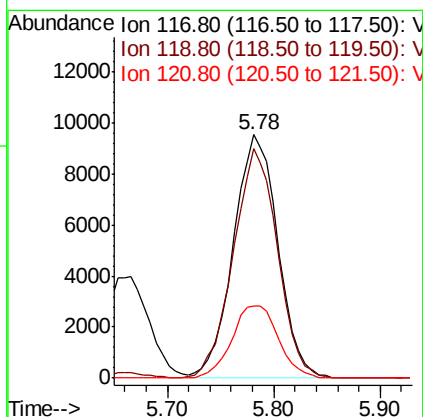
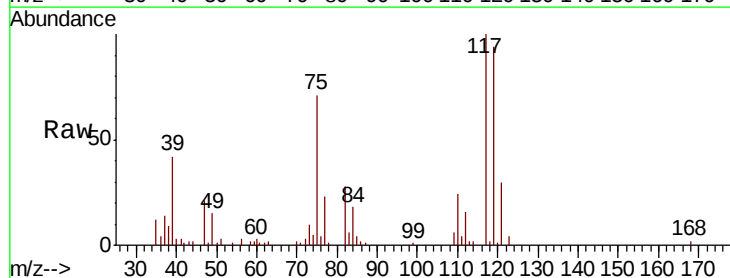
Instrument :
MSVOA_X
ClientSampleId :
VX1119MBS01

Tot Ion: 43 Resp: 41698
Ion Ratio Lower Upper
43 100
61 13.8 10.8 16.2
70 9.9 7.8 11.8



#38
Carbon Tetrachloride
Concen: 15.113 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX006096.D
Acq: 19 Nov 2018 17:27

Tgt Ion: 117 Resp: 27971
Ion Ratio Lower Upper
117 100
119 94.4 78.1 117.1
121 29.5 24.6 36.8

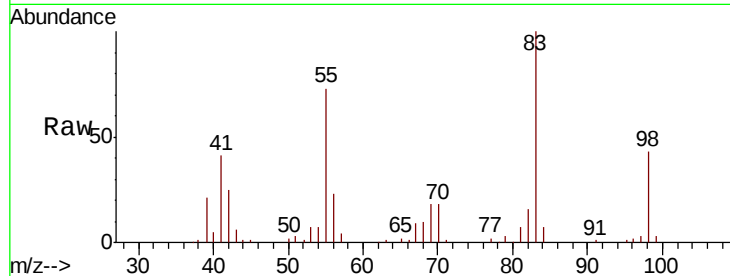




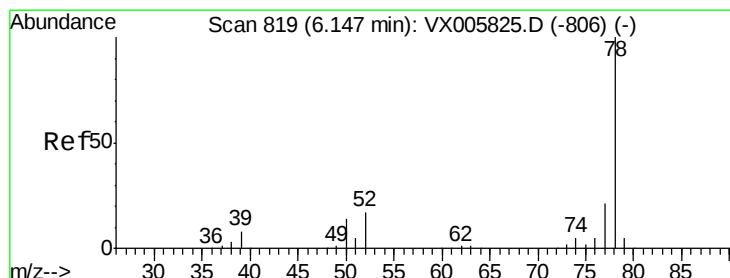
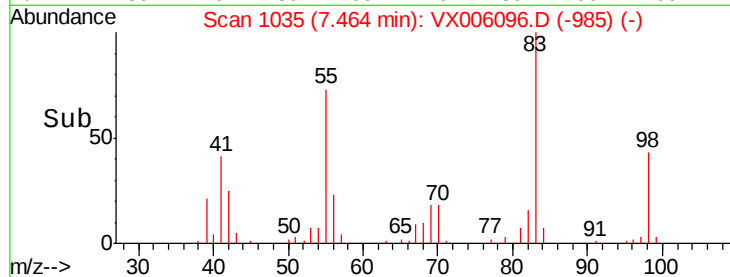
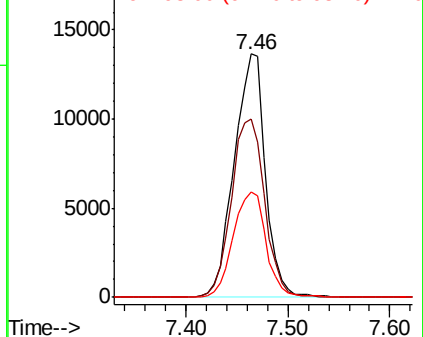
#39
Methvlcvclohexane
Concen: 15.413 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX006096.D
Acq: 19 Nov 2018 17:27

Instrument :
MSVOA_X
ClientSampleId :
VX1119MBS01

Tot Ion: 83 Resp: 28881
Ion Ratio Lower Upper
83 100
55 73.0 63.7 95.5
98 43.1 36.2 54.2

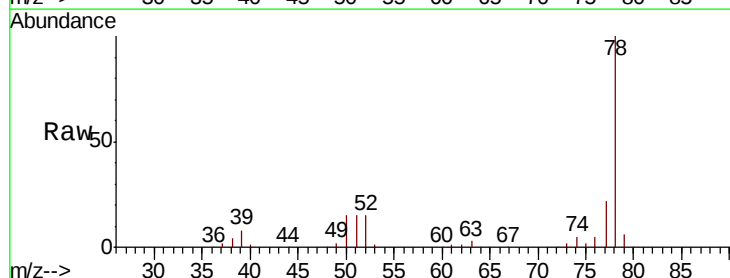


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

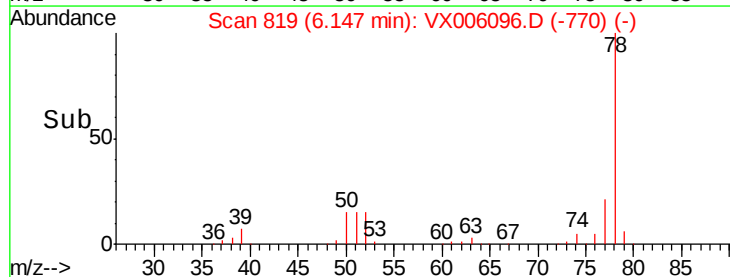
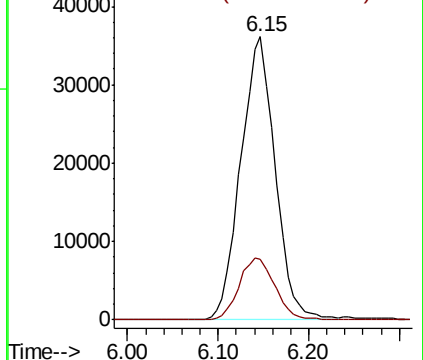


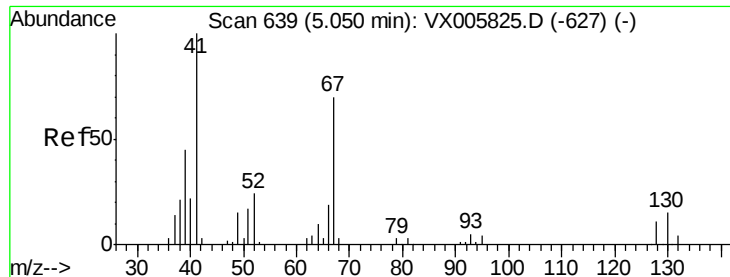
#40
Benzene
Concen: 17.625 ug/l
RT: 6.15 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX006096.D
Acq: 19 Nov 2018 17:27

Tgt Ion: 78 Resp: 94992
Ion Ratio Lower Upper
78 100
77 21.6 18.4 27.6



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

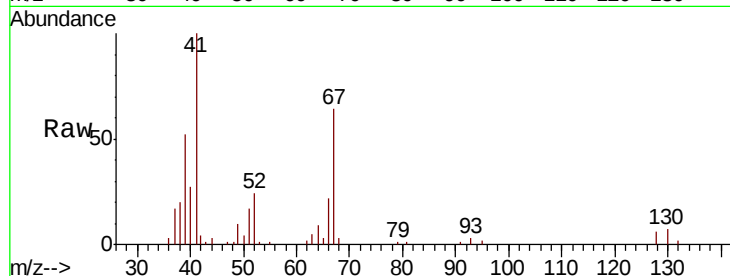




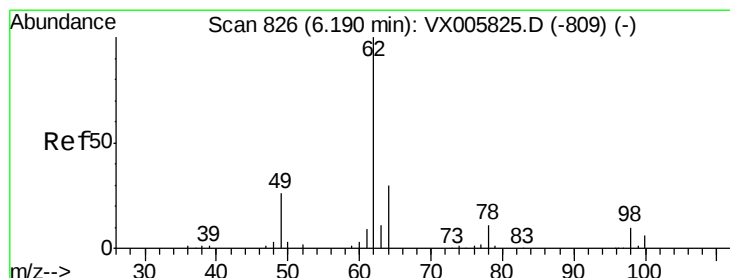
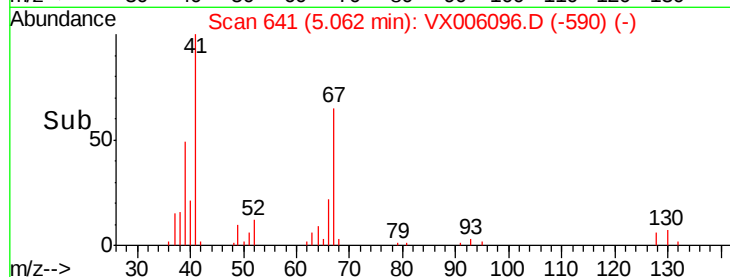
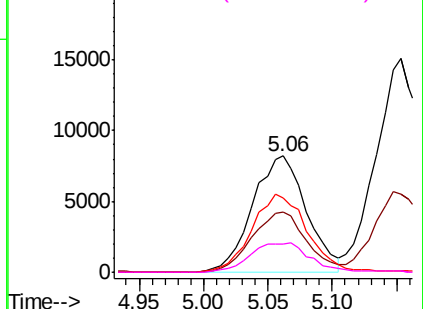
#41
Methacrylonitrile
Concen: 18.207 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX006096.D
Acq: 19 Nov 2018 17:27

Instrument :
MSVOA_X
ClientSampleId :
VX1119MBSD01

Tot Ion:	41	Resp:	23918
Ion	Ratio	Lower	Upper
41	100		
39	53.0	42.2	63.2
67	69.0	53.4	80.0
52	28.0	23.4	35.2

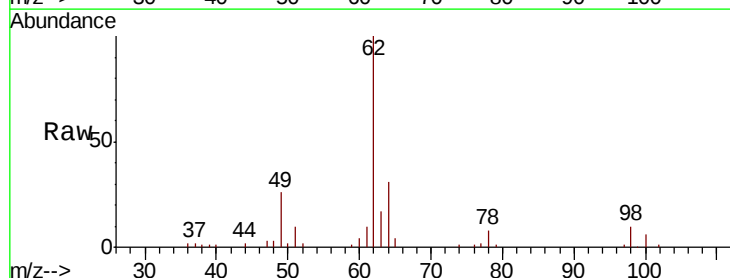


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

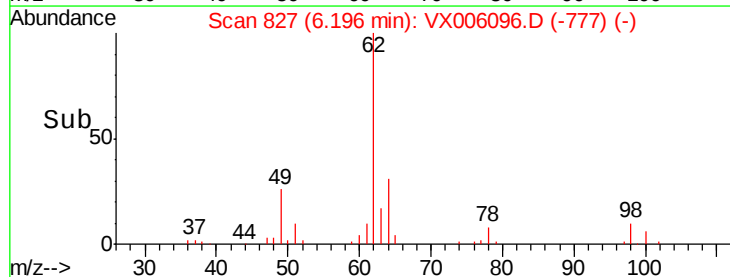
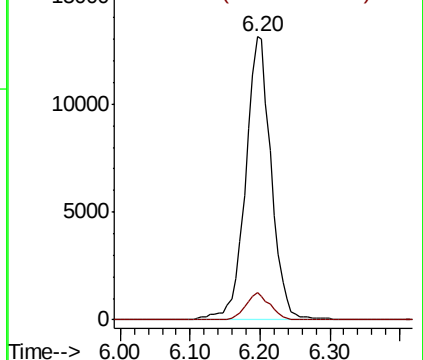


#42
1,2-Dichloroethane
Concen: 17.214 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX006096.D
Acq: 19 Nov 2018 17:27

Tgt Ion:	62	Resp:	33229
Ion	Ratio	Lower	Upper
62	100		
98	9.1	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: 17.136 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.01 min

Lab File: VX006096.D

Acq: 19 Nov 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

VX1119MBS01

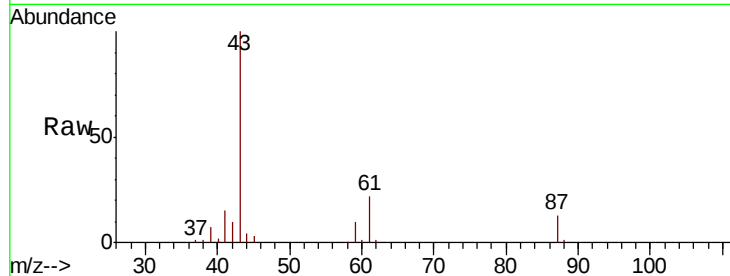
Tot Ion: 43 Resp: 60366

Ion Ratio Lower Upper

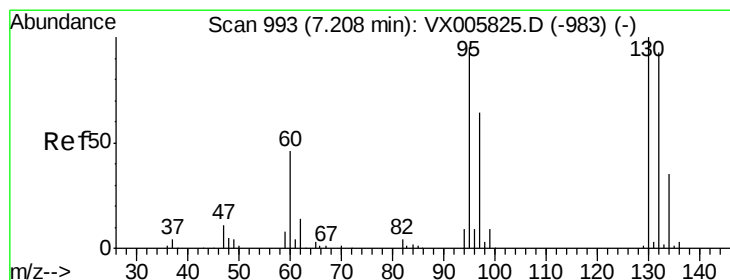
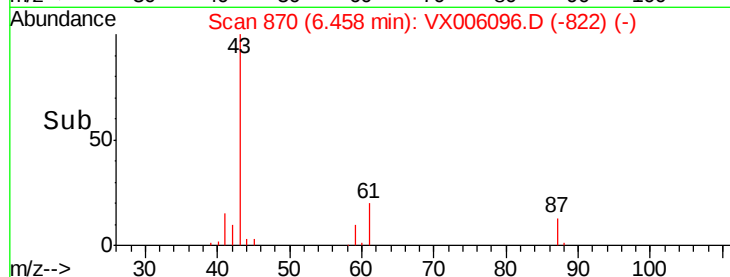
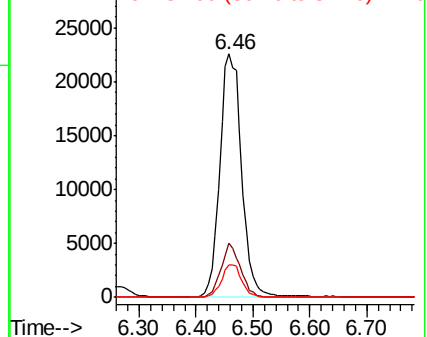
43 100

61 19.7 14.6 22.0

87 12.4 9.6 14.4



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



#44

Trichloroethene

Concen: 17.916 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.01 min

Lab File: VX006096.D

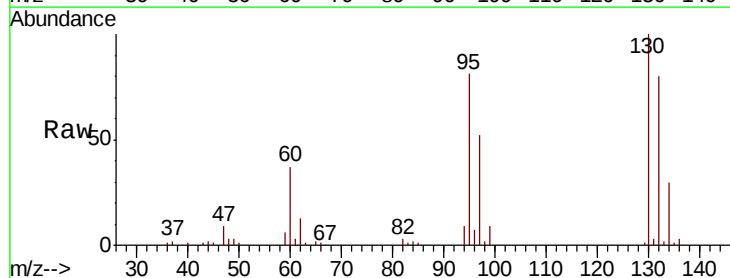
Acq: 19 Nov 2018 17:27

Tgt Ion:130 Resp: 24522

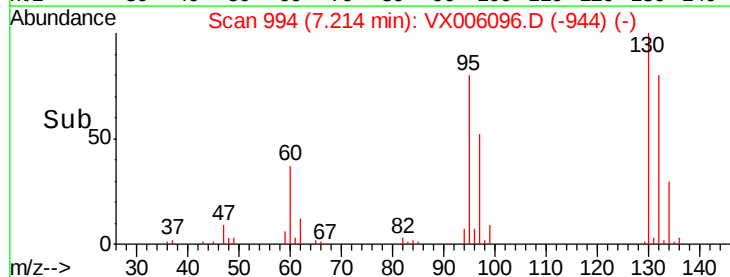
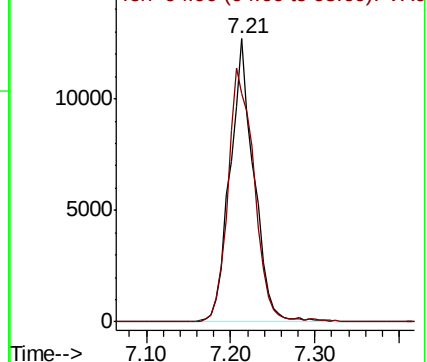
Ion Ratio Lower Upper

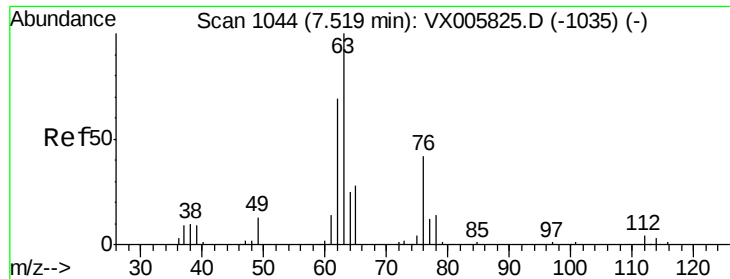
130 100

95 80.7 0.0 194.2



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





#45

1,2-Dichloropropane

Concen: 17.488 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX006096.D

Acq: 19 Nov 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

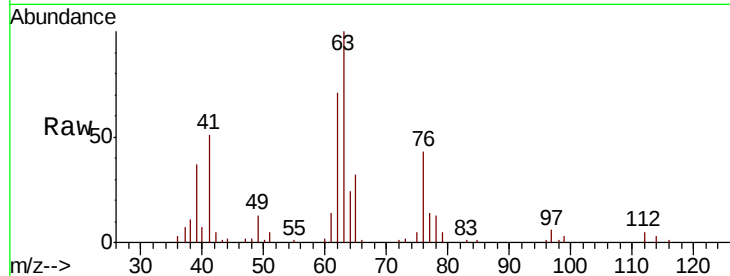
VX1119MBSD01

Tot Ion: 63 Resp: 22877

Ion Ratio Lower Upper

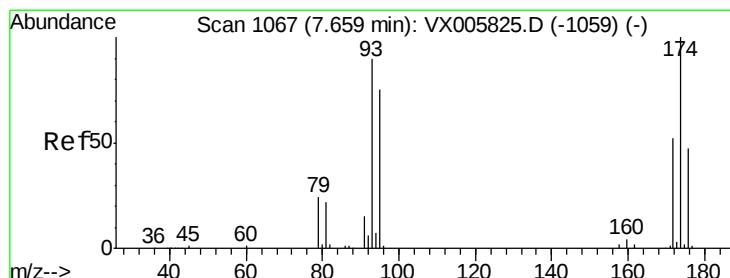
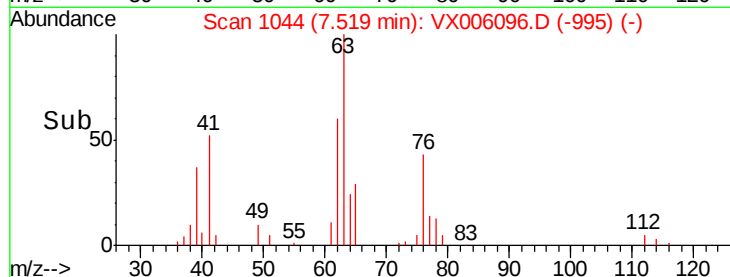
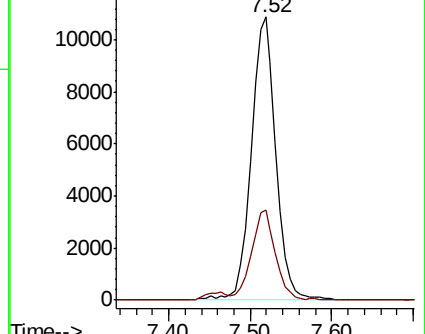
63 100

65 31.7 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 17.683 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX006096.D

Acq: 19 Nov 2018 17:27

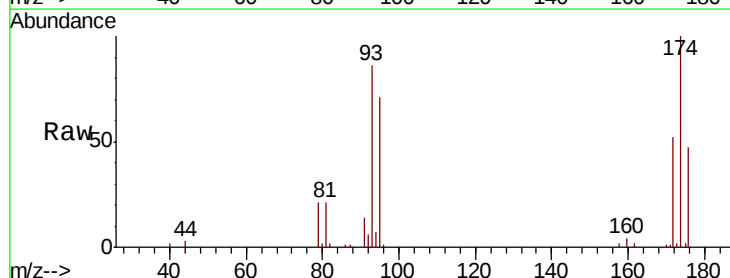
Tgt Ion: 93 Resp: 14515

Ion Ratio Lower Upper

93 100

95 82.5 67.4 101.0

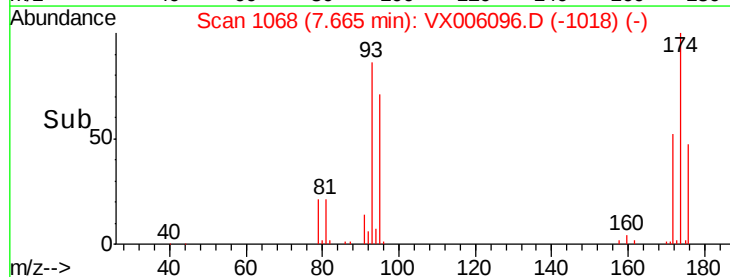
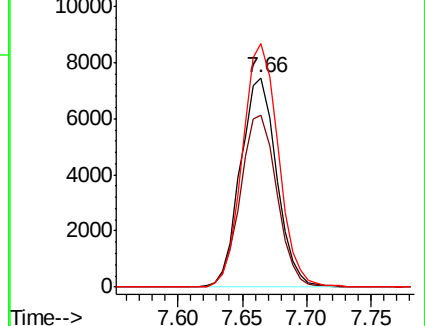
174 115.0 91.5 137.3

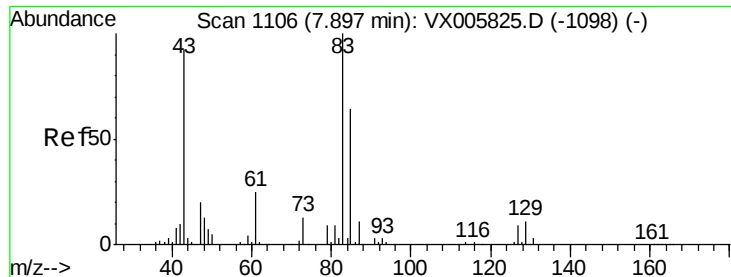


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 17.188 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX006096.D

Acq: 19 Nov 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

VX1119MBS01

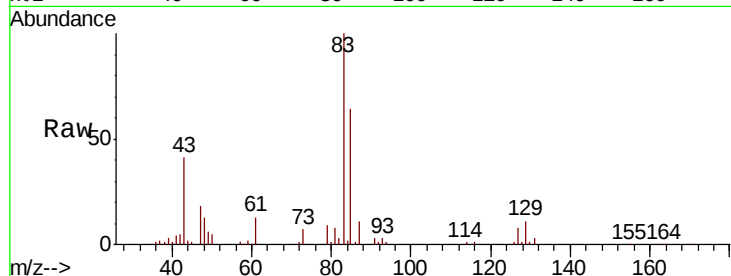
Tot Ion: 83 Resp: 26664

Ion Ratio Lower Upper

83 100

85 64.0 50.2 75.4

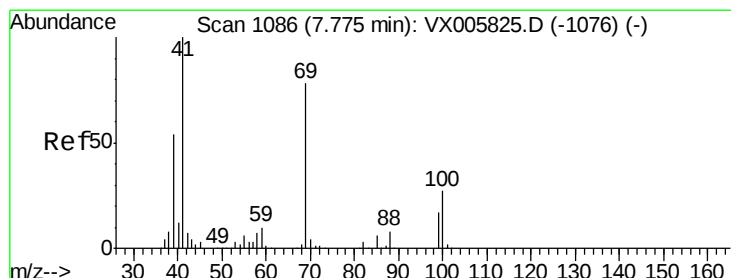
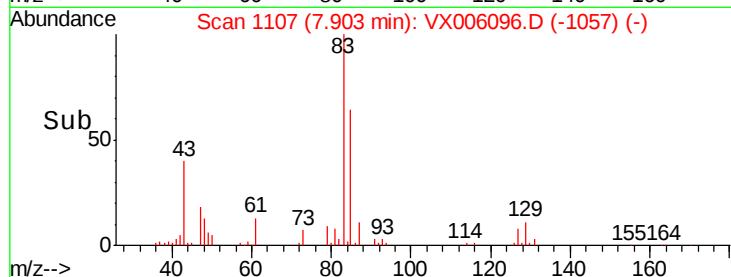
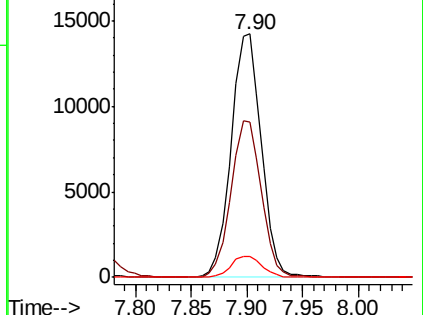
127 8.4 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 17.552 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX006096.D

Acq: 19 Nov 2018 17:27

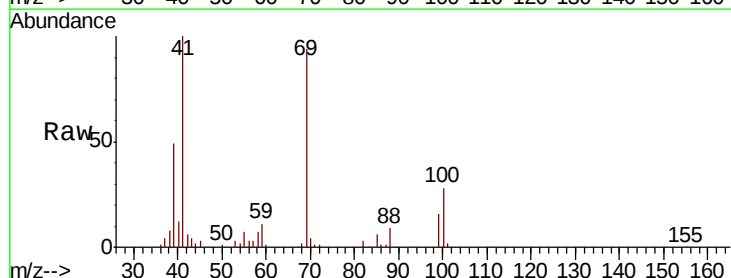
Tgt Ion: 41 Resp: 27763

Ion Ratio Lower Upper

41 100

69 80.8 63.2 94.8

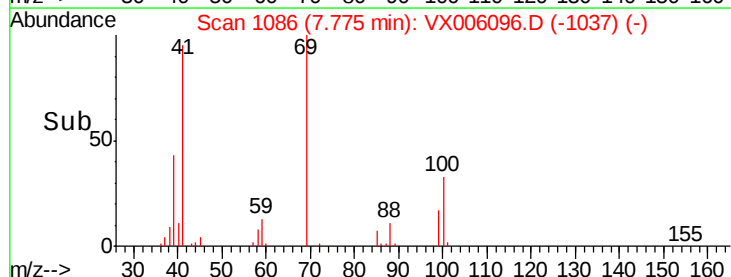
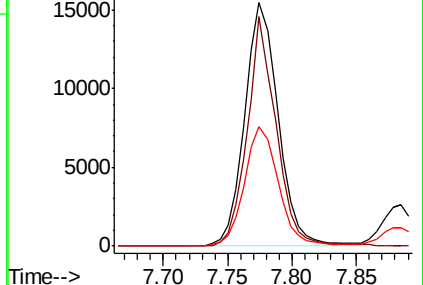
39 49.7 42.2 63.2

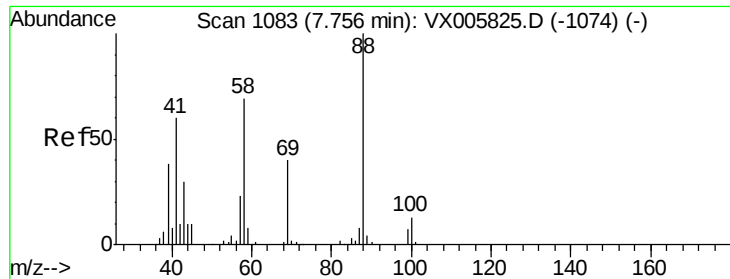


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

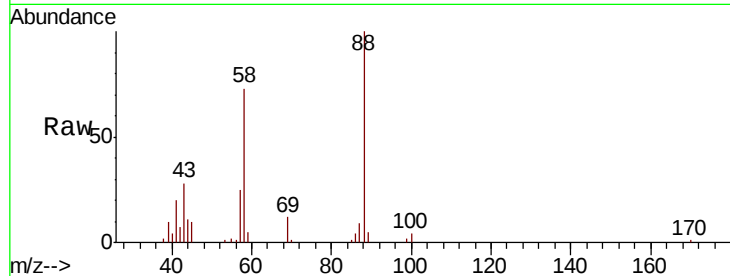




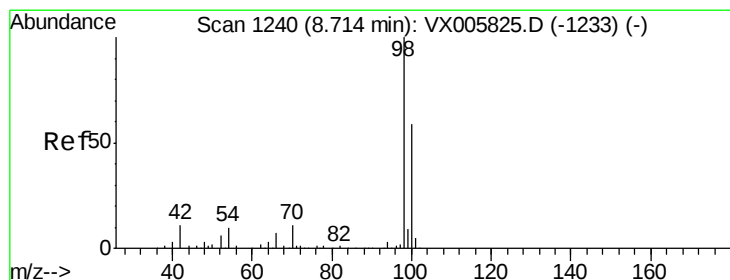
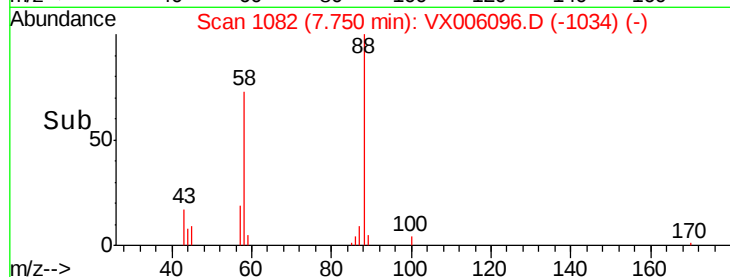
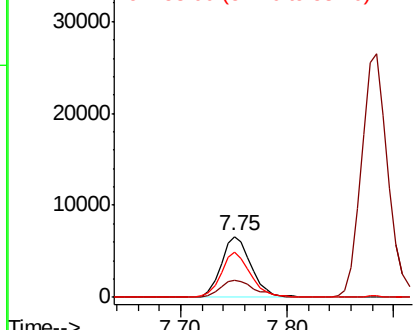
#49
1,4-Dioxane
Concen: 380.520 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX006096.D
Acq: 19 Nov 2018 17:27

Instrument :
MSVOA_X
ClientSampled :
VX1119MBSD01

Tot Ion: 88 Resp: 12970
Ion Ratio Lower Upper
88 100
43 33.7 27.4 41.0
58 73.0 59.4 89.2

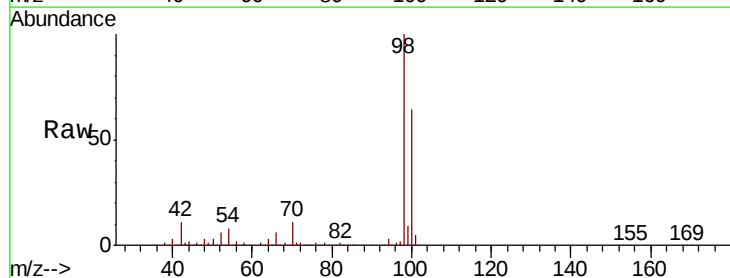


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

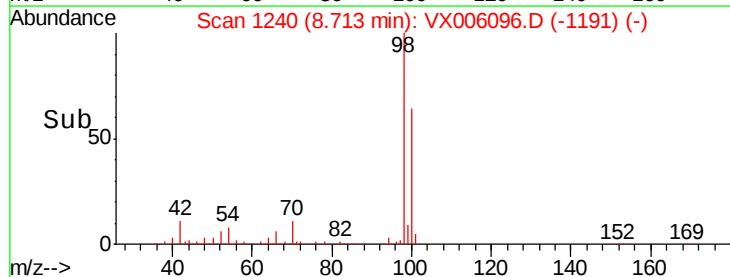
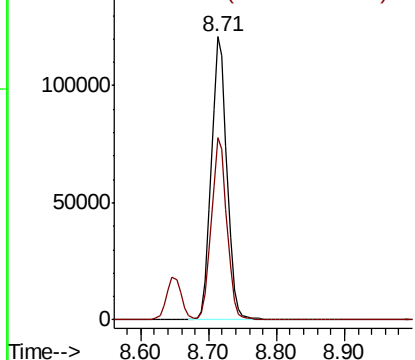


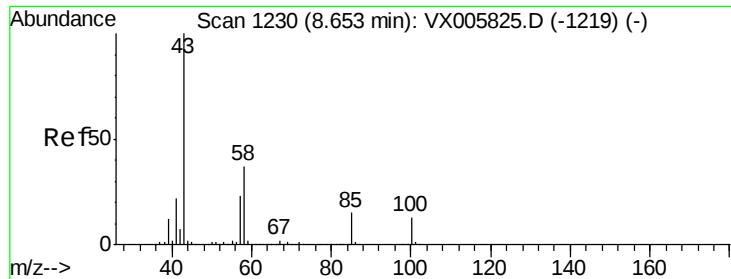
#50
Toluene-d8
Concen: 44.383 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006096.D
Acq: 19 Nov 2018 17:27

Tgt Ion: 98 Resp: 192462
Ion Ratio Lower Upper
98 100
100 64.1 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 90.561 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VX006096.D

Acq: 19 Nov 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

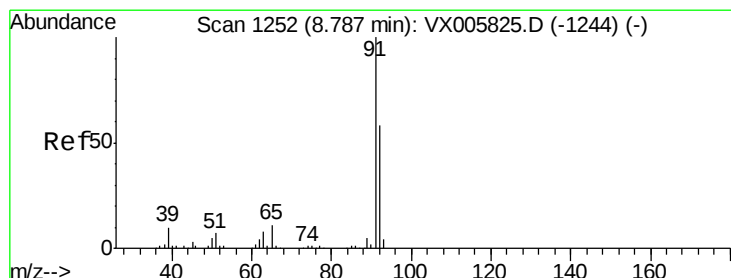
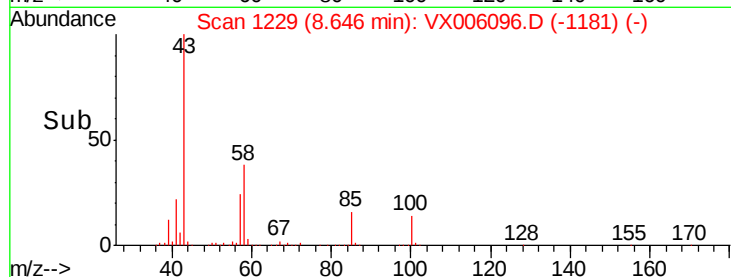
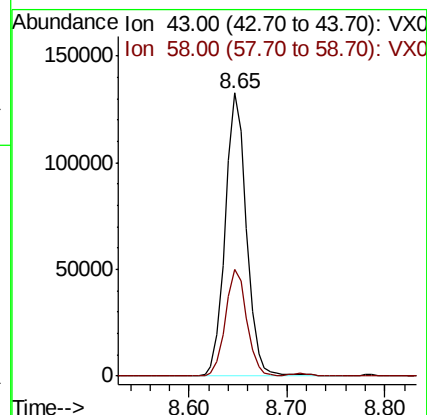
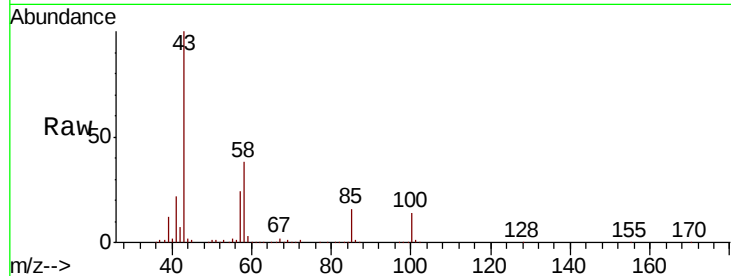
VX1119MBSD01

Tot Ion: 43 Resp: 201060

Ion Ratio Lower Upper

43 100

58 37.8 29.7 44.5



#52

Toluene

Concen: 16.732 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX006096.D

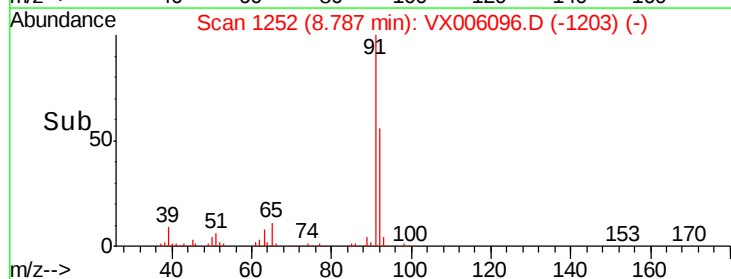
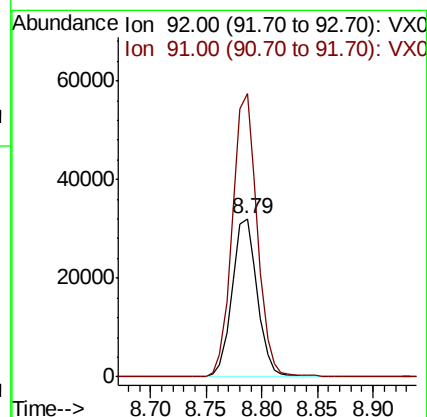
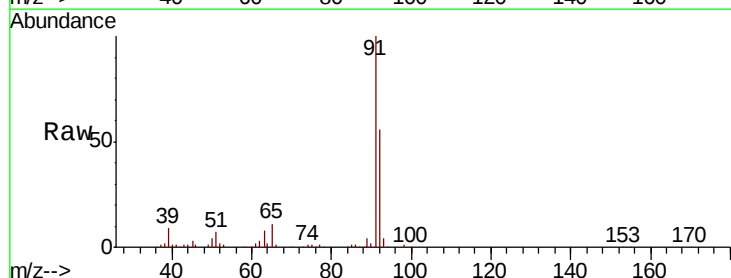
Acq: 19 Nov 2018 17:27

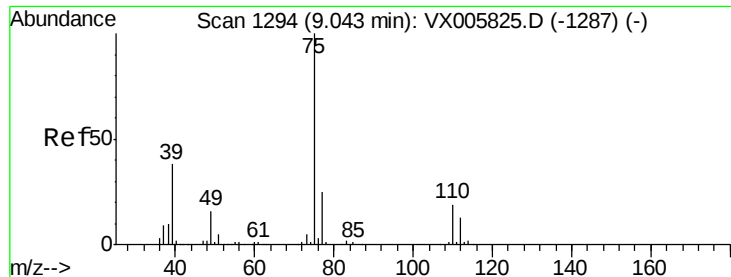
Tgt Ion: 92 Resp: 50398

Ion Ratio Lower Upper

92 100

91 176.6 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 15.520 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX006096.D

Acq: 19 Nov 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

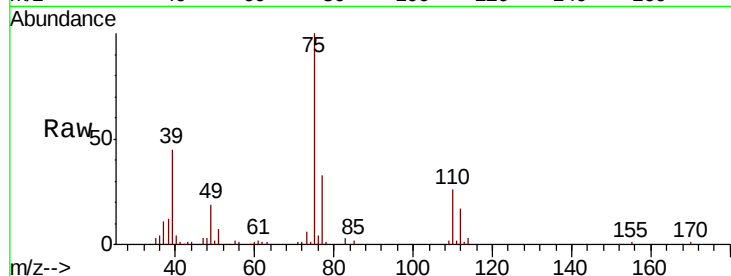
VX1119MBS01

Tot Ion: 75 Resp: 28412

Ion Ratio Lower Upper

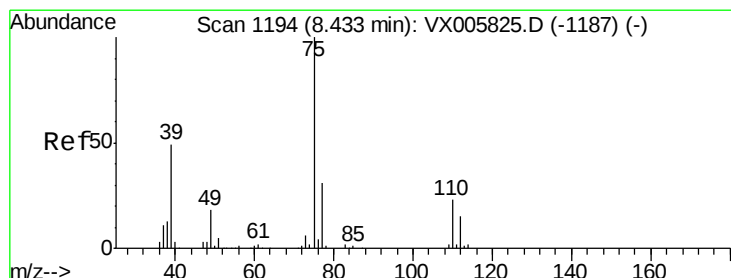
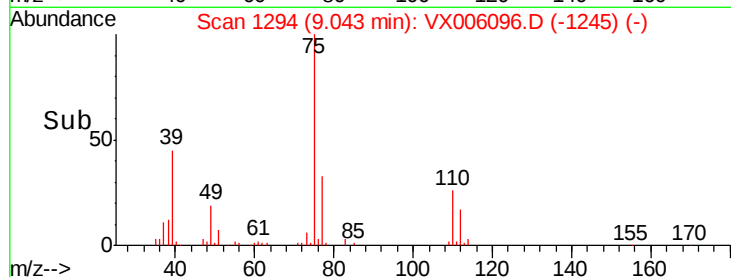
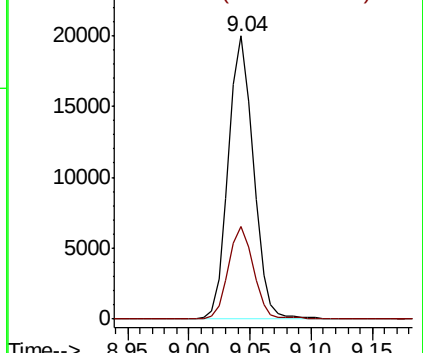
75 100

77 32.8 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 16.623 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX006096.D

Acq: 19 Nov 2018 17:27

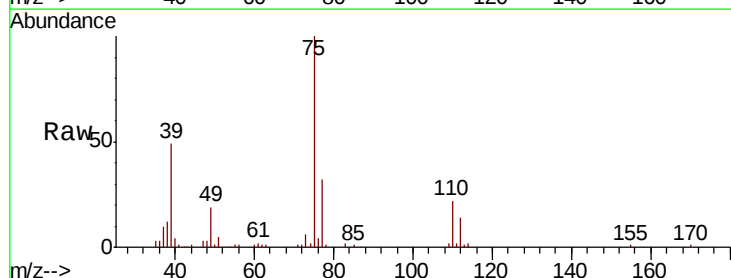
Tgt Ion: 75 Resp: 31017

Ion Ratio Lower Upper

75 100

77 31.6 25.2 37.8

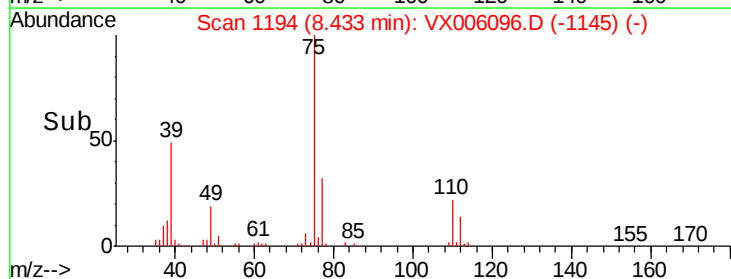
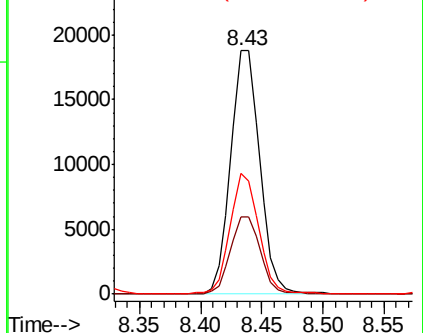
39 49.4 38.2 57.2

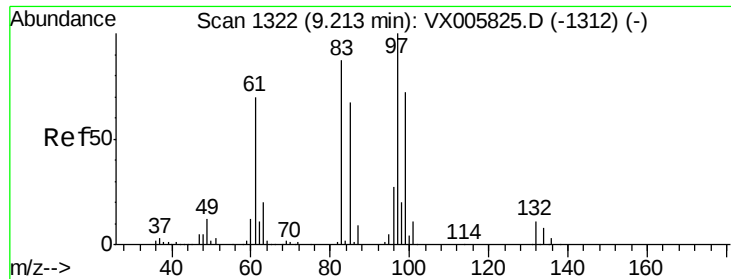


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0



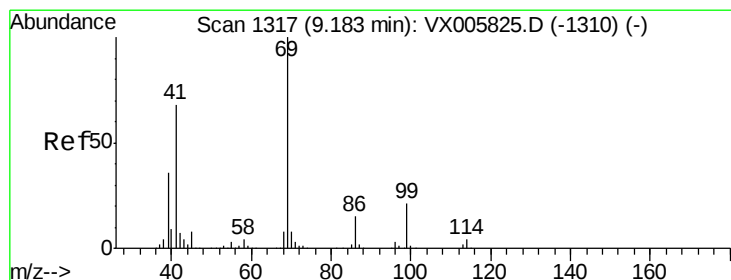
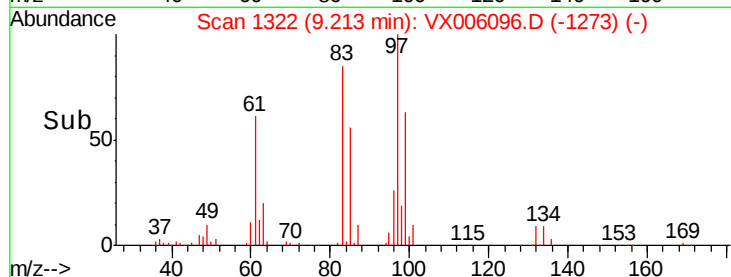
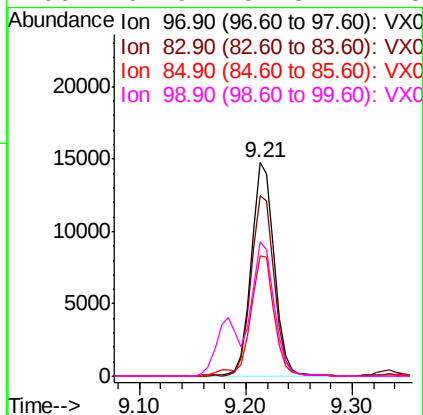
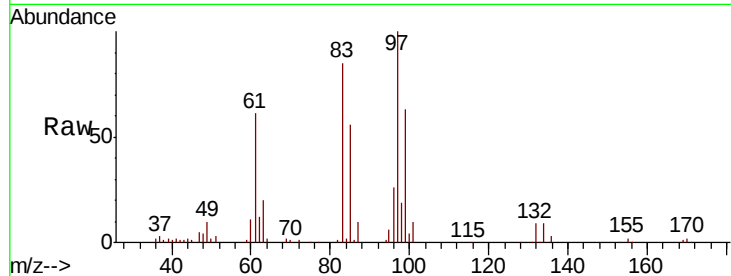


#55
 1,1,2-Trichloroethane
 Concen: 16.682 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX006096.D
 Acq: 19 Nov 2018 17:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1119MBS01

Tot Ion: 97 Resp: 22395

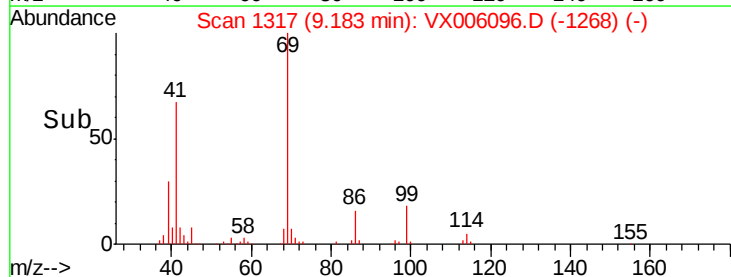
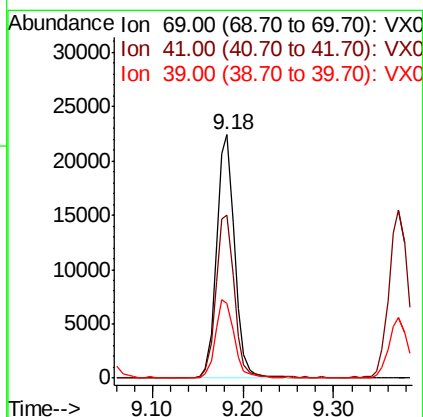
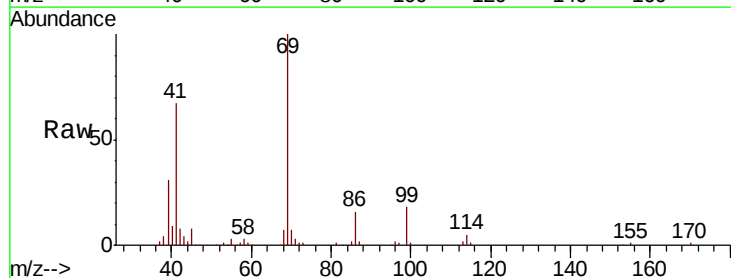
Ion	Ratio	Lower	Upper
97	100		
83	84.5	70.7	106.1
85	56.4	45.8	68.6
99	62.9	51.8	77.8

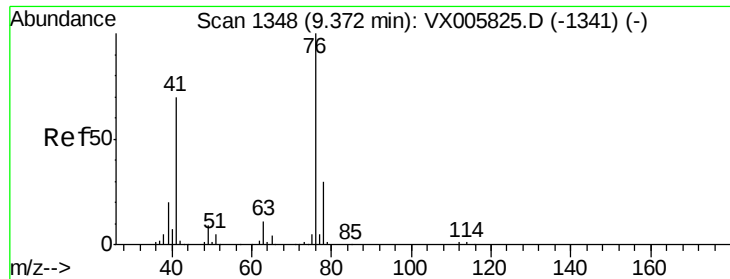


#56
 Ethyl methacrylate
 Concen: 15.636 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX006096.D
 Acq: 19 Nov 2018 17:27

Tgt Ion: 69 Resp: 31406

Ion	Ratio	Lower	Upper
69	100		
41	69.3	57.0	85.6
39	34.1	28.3	42.5





#57

1,3-Dichloropropane

Concen: 16.120 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX006096.D

Acq: 19 Nov 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

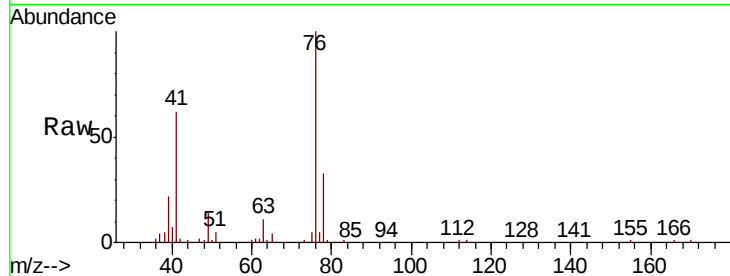
VX1119MBS01

Tot Ion: 76 Resp: 36365

Ion Ratio Lower Upper

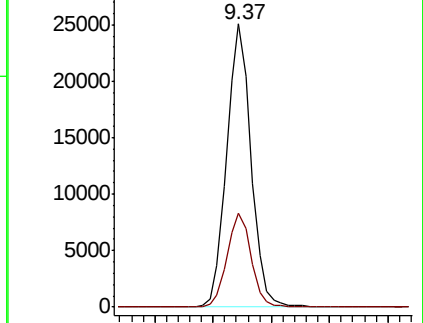
76 100

78 32.9 25.3 37.9

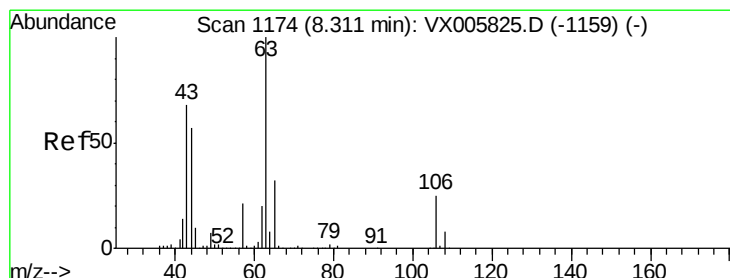
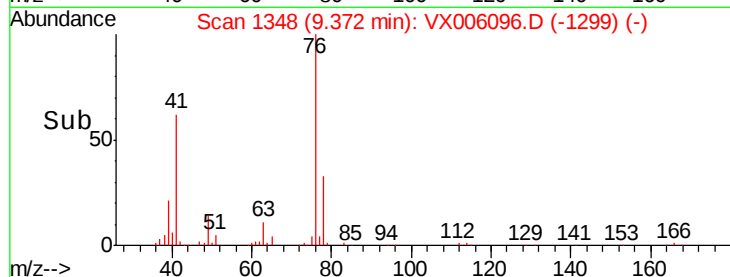


Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 93.090 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX006096.D

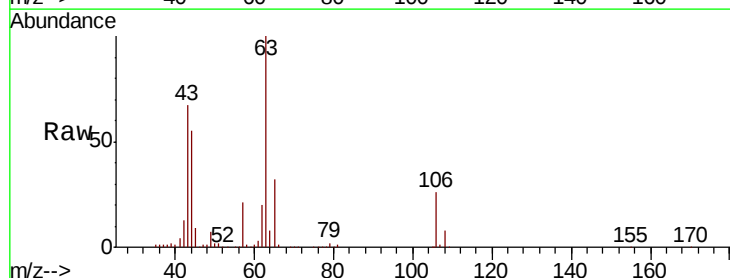
Acq: 19 Nov 2018 17:27

Tgt Ion: 63 Resp: 96006

Ion Ratio Lower Upper

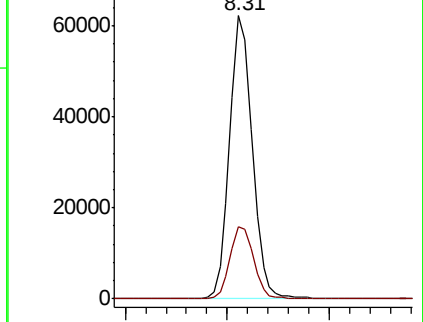
63 100

106 26.6 21.3 31.9

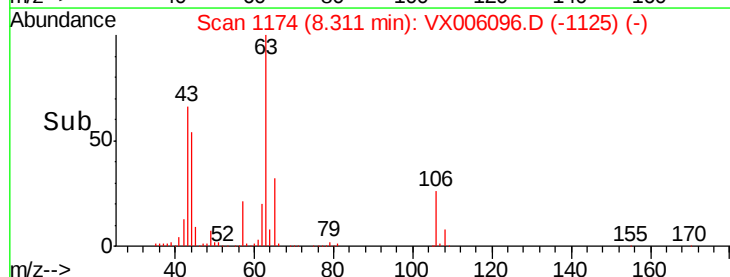


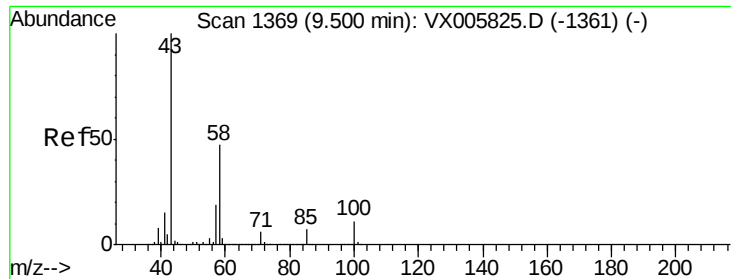
Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V



Time-->

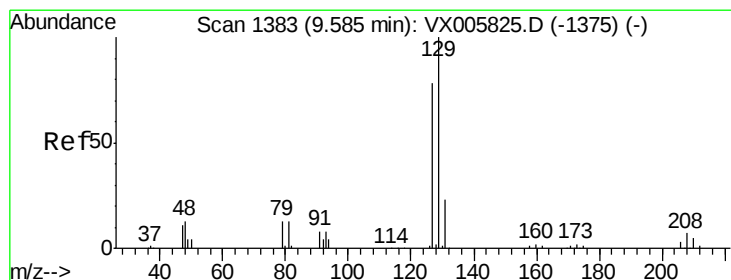
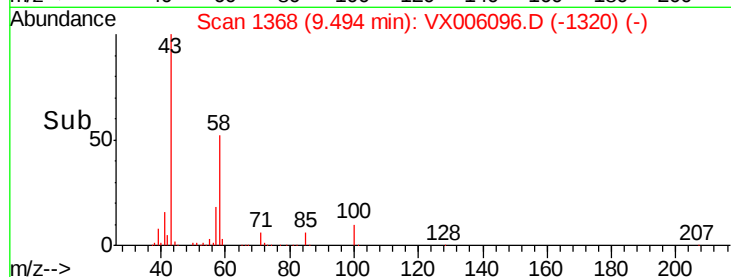
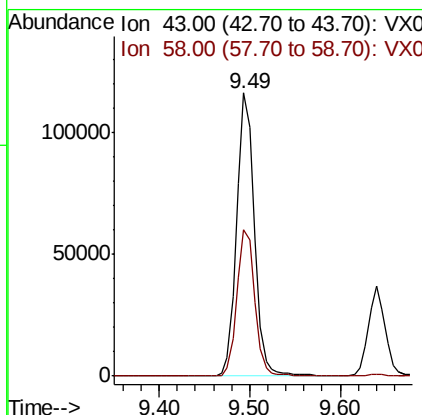
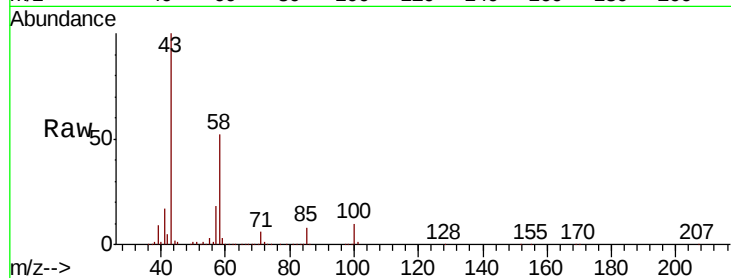




#59
2-Hexanone
Concen: 80.654 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX006096.D
Acq: 19 Nov 2018 17:27

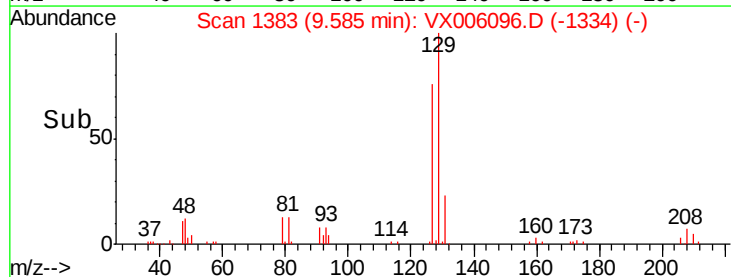
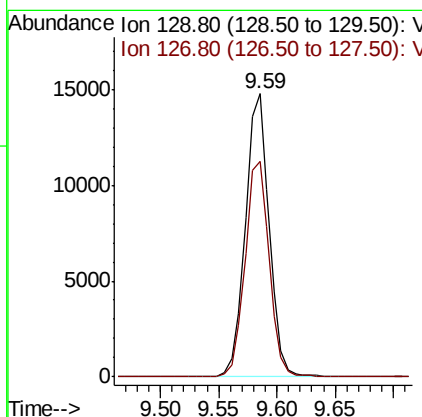
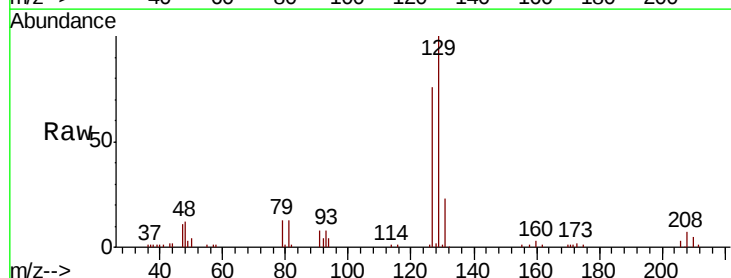
Instrument :
MSVOA_X
ClientSampled :
VX1119MBS01

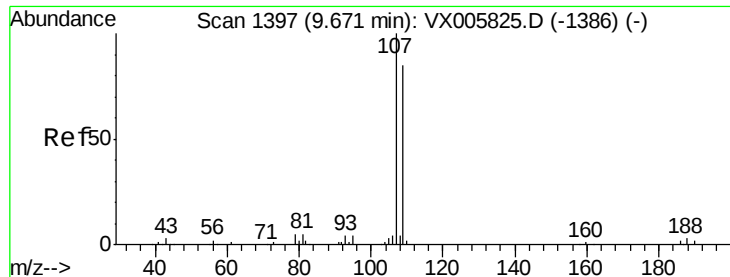
Tot Ion: 43 Resp: 157839
Ion Ratio Lower Upper
43 100
58 52.7 25.9 77.8



#60
Dibromochloromethane
Concen: 14.514 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX006096.D
Acq: 19 Nov 2018 17:27

Tgt Ion:129 Resp: 21057
Ion Ratio Lower Upper
129 100
127 77.4 38.9 116.7





#61

1,2-Dibromoethane

Concen: 15.191 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006096.D

Acq: 19 Nov 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

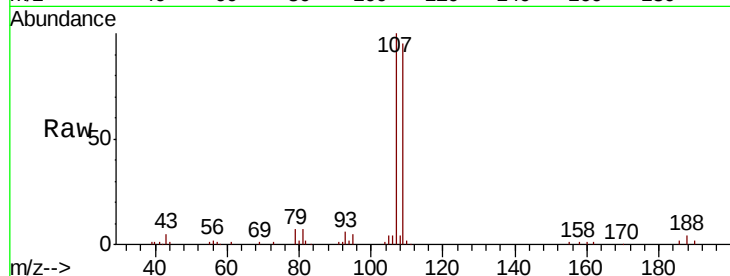
VX1119MBS01

Tot Ion:107 Resp: 22550

Ion Ratio Lower Upper

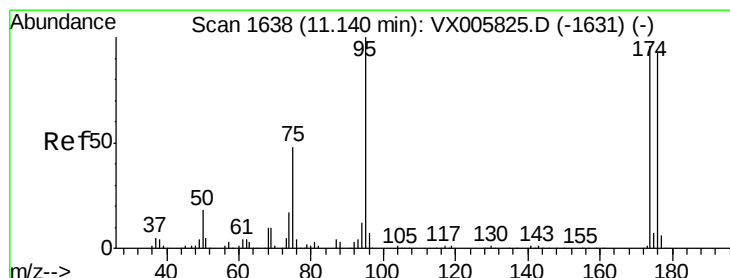
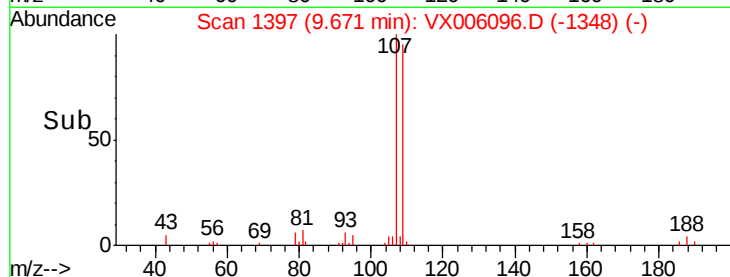
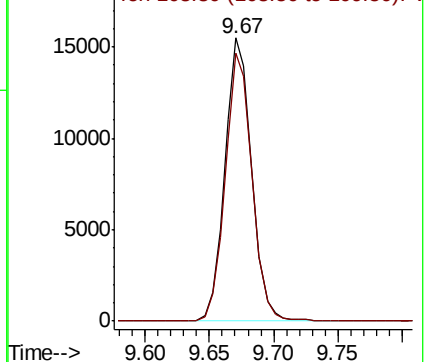
107 100

109 94.6 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.188 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX006096.D

Acq: 19 Nov 2018 17:27

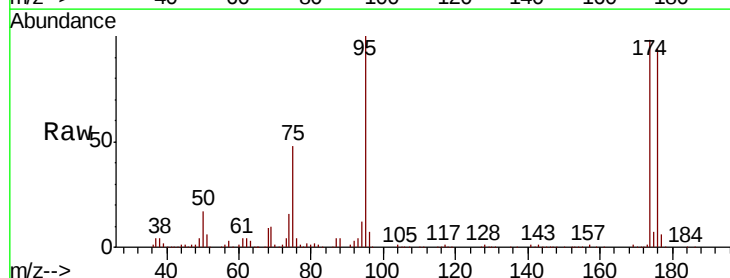
Tgt Ion: 95 Resp: 72011

Ion Ratio Lower Upper

95 100

174 90.8 0.0 184.4

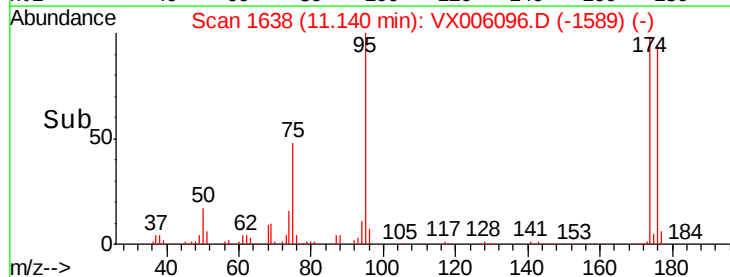
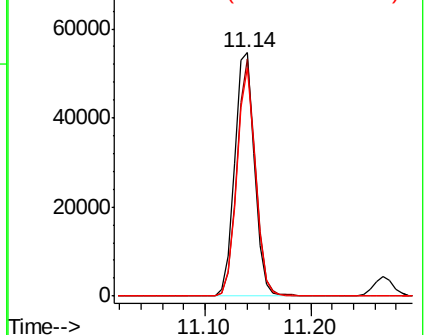
176 88.1 0.0 177.4

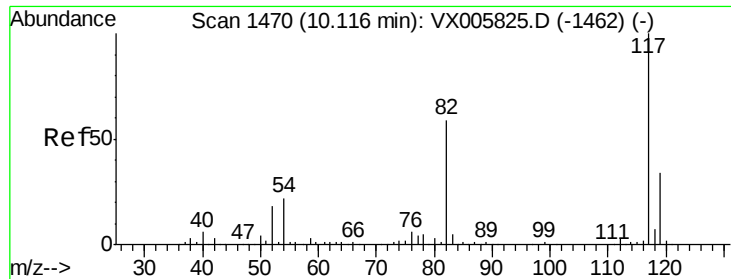


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

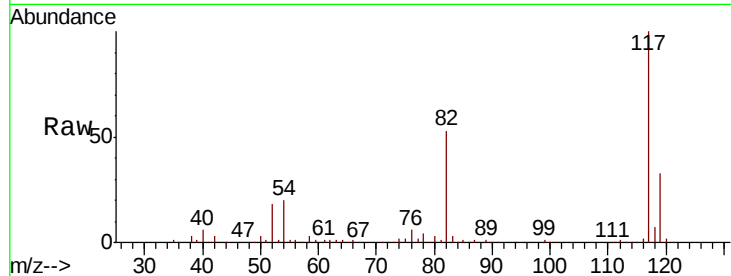




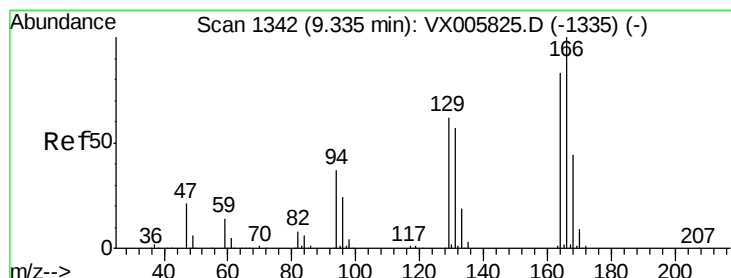
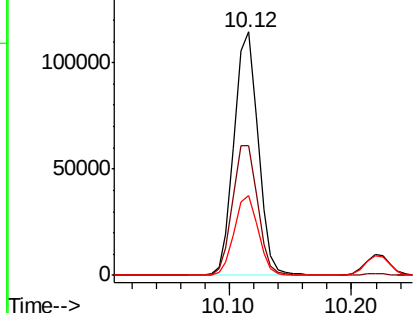
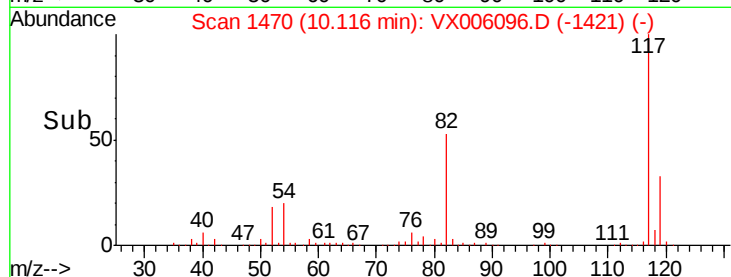
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006096.D
Acq: 19 Nov 2018 17:27

Instrument :
MSVOA_X
ClientSampleId :
VX1119MBS01

Tot Ion:117 Resp: 155680
Ion Ratio Lower Upper
117 100
82 53.3 44.1 66.1
119 32.7 26.2 39.2

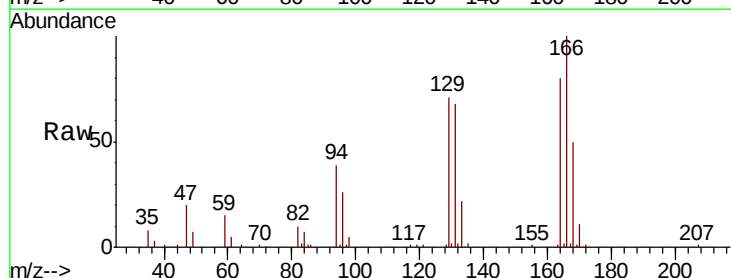


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX
Ion 118.90 (118.60 to 119.60): V

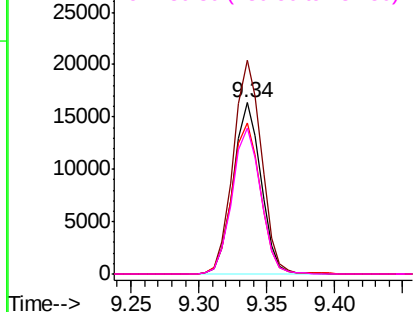
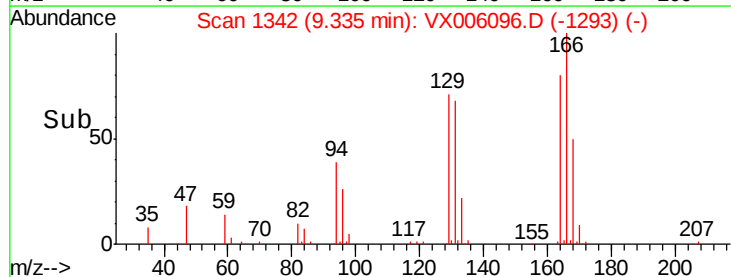


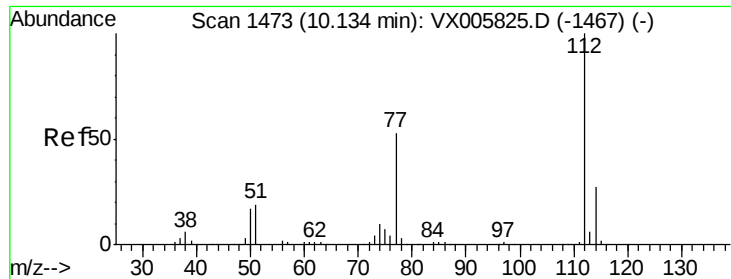
#64
Tetrachloroethene
Concen: 17.583 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006096.D
Acq: 19 Nov 2018 17:27

Tgt Ion:164 Resp: 23306
Ion Ratio Lower Upper
164 100
166 124.8 101.9 152.9
129 88.1 72.6 109.0
131 85.1 71.1 106.7



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

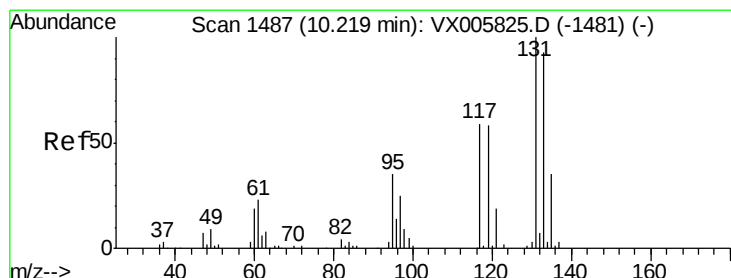
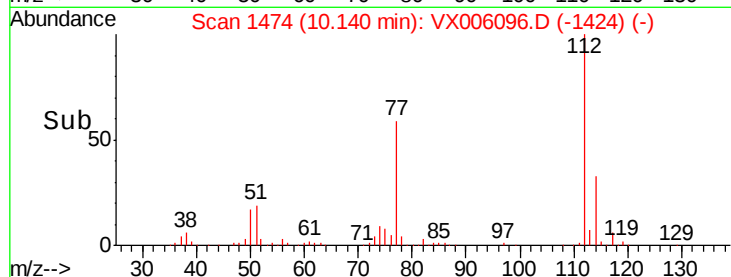
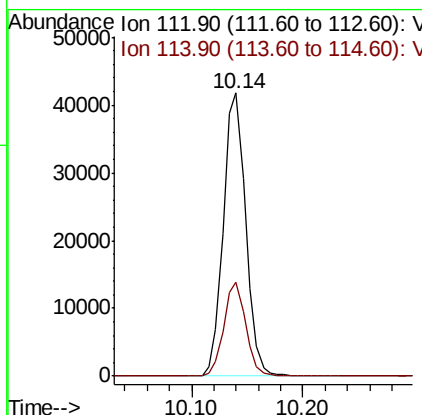
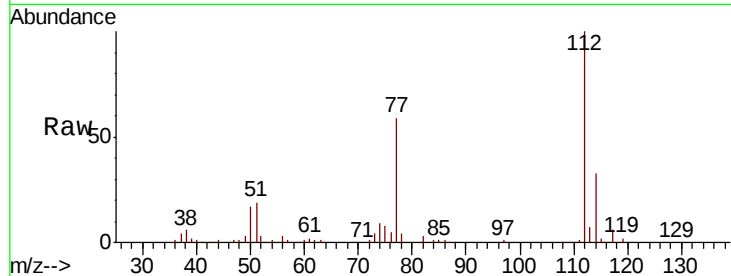




#65
Chlorobenzene
Concen: 18.726 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX006096.D
Acq: 19 Nov 2018 17:27

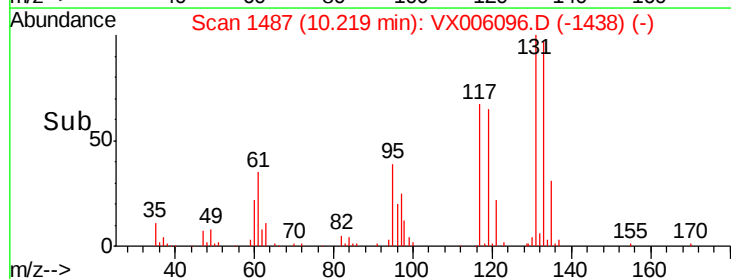
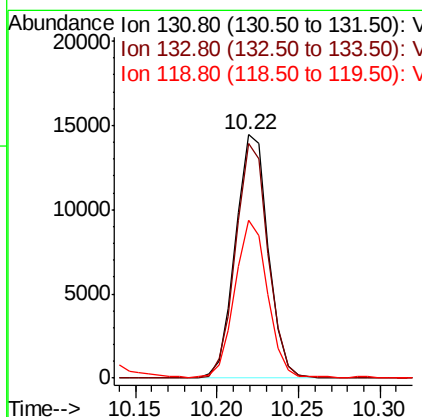
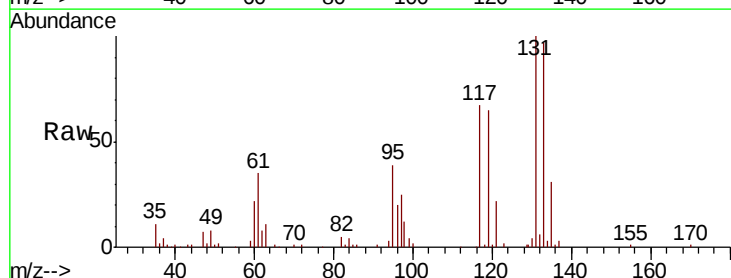
Instrument :
MSVOA_X
ClientSampleId :
VX1119MBS01

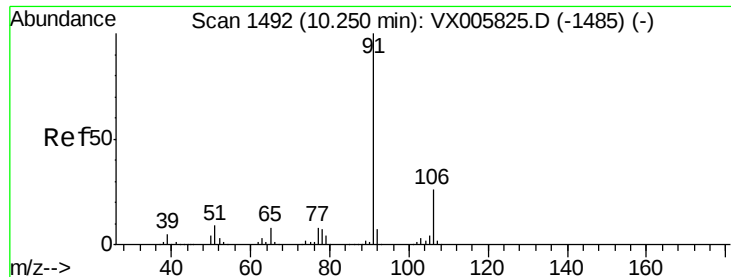
Tot Ion:112 Resp: 58401
Ion Ratio Lower Upper
112 100
114 33.0 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 18.659 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX006096.D
Acq: 19 Nov 2018 17:27

Tgt Ion:131 Resp: 20231
Ion Ratio Lower Upper
131 100
133 95.5 47.5 142.5
119 63.5 31.8 95.3





#67

Ethyl Benzene

Concen: 19.632 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006096.D

Acq: 19 Nov 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

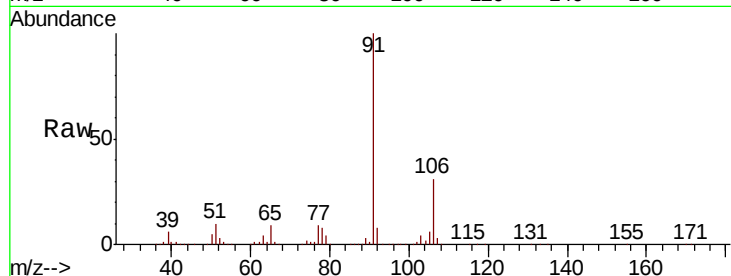
VX1119MBS01

Tot Ion: 91 Resp: 98179

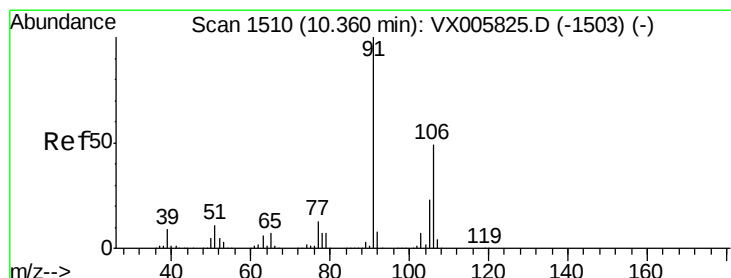
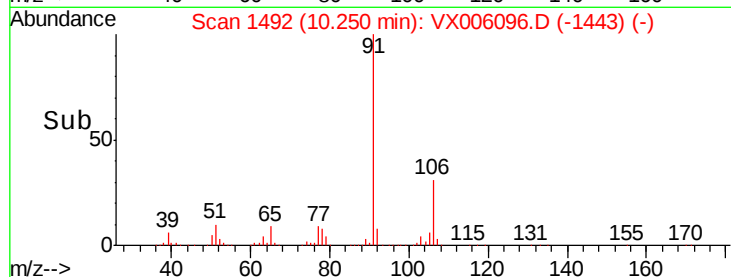
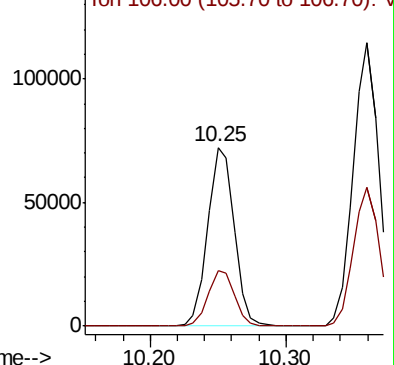
Ion Ratio Lower Upper

91 100

106 30.8 24.4 36.6



Abundance Ion 91.00 (90.70 to 91.70): VX006096.D (-1443) (-)



#68

m/p-Xylenes

Concen: 39.530 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006096.D

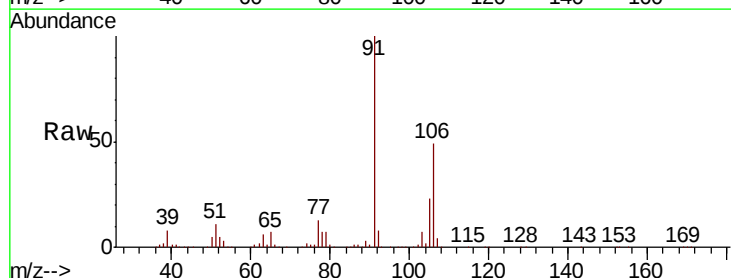
Acq: 19 Nov 2018 17:27

Tgt Ion: 106 Resp: 75406

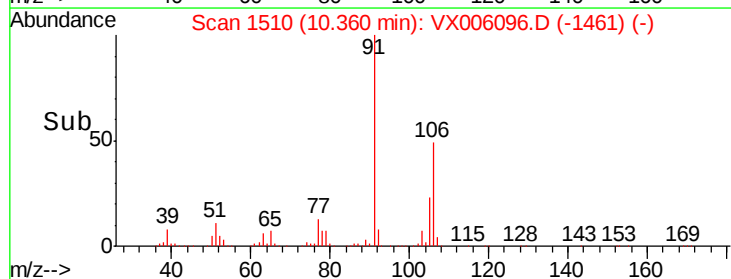
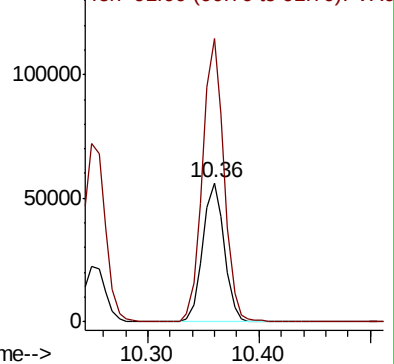
Ion Ratio Lower Upper

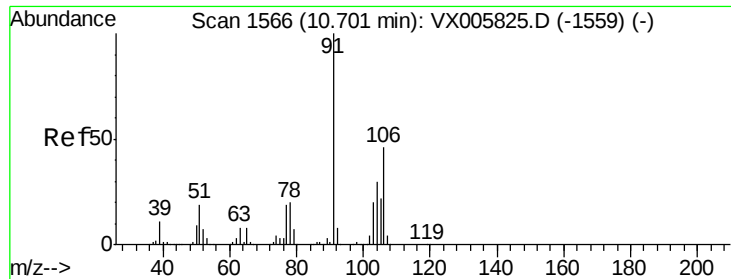
106 100

91 201.2 164.2 246.4



Abundance Ion 106.00 (105.70 to 106.70): VX006096.D (-1461) (-)

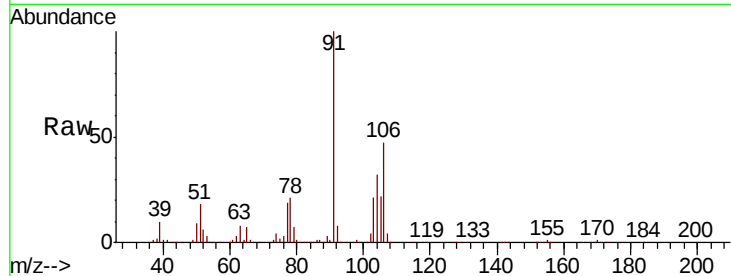




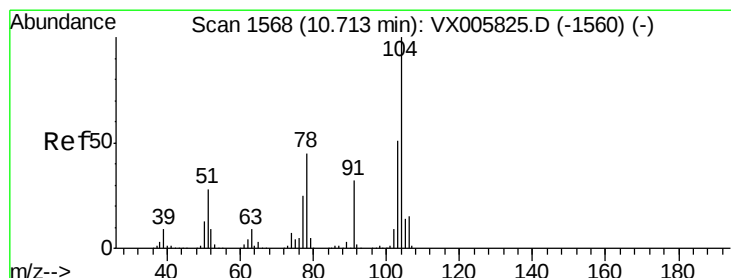
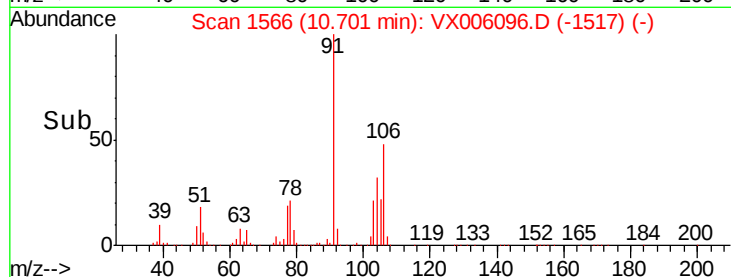
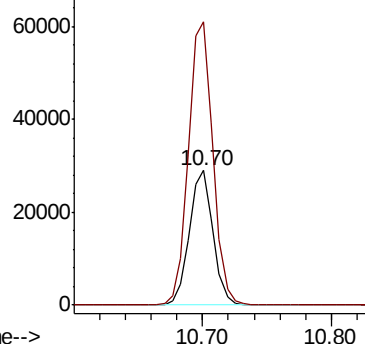
#69
o-Xylene
Concen: 21.800 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006096.D
Acq: 19 Nov 2018 17:27

Instrument :
MSVOA_X
ClientSampleId :
VX1119MBSD01

Tot Ion:106 Resp: 37290
Ion Ratio Lower Upper
106 100
91 217.2 108.5 325.5

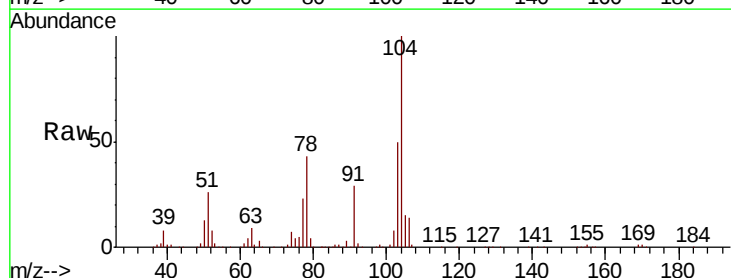


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

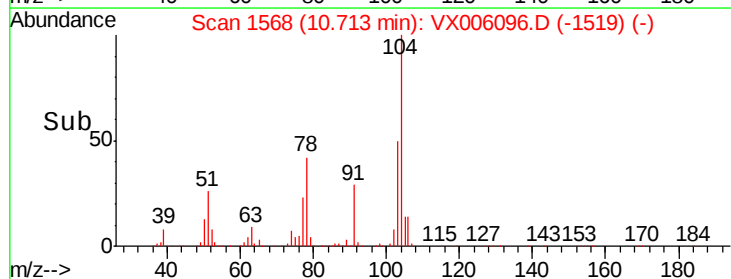
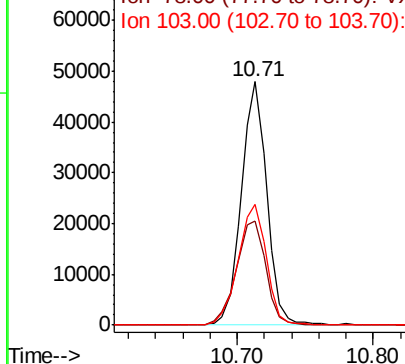


#70
Styrene
Concen: 22.117 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006096.D
Acq: 19 Nov 2018 17:27

Tgt Ion:104 Resp: 62409
Ion Ratio Lower Upper
104 100
78 49.9 40.2 60.4
103 55.5 44.9 67.3



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





#71

Bromoform

Concen: 18.793 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX006096.D

Acq: 19 Nov 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

VX1119MBS01

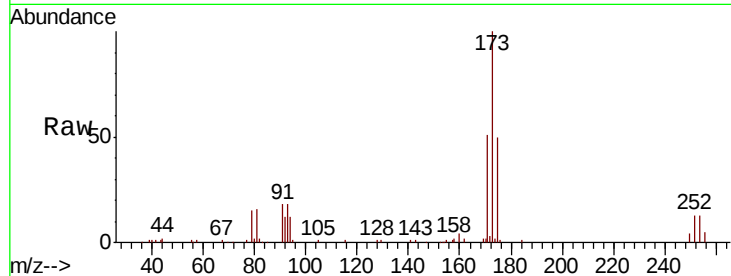
Tot Ion:173 Resp: 17081

Ion Ratio Lower Upper

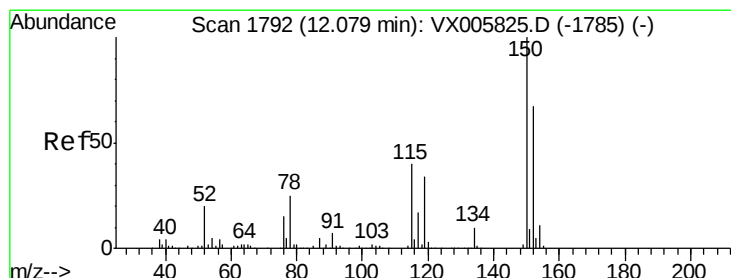
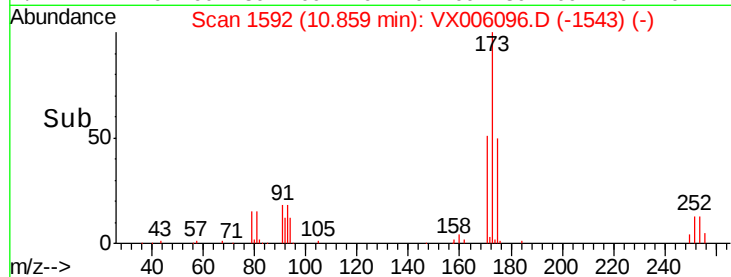
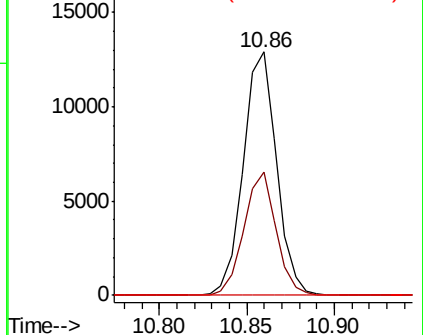
173 100

175 48.6 24.8 74.3

254 0.0 0.2 0.2#



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: VX006096.D

Acq: 19 Nov 2018 17:27

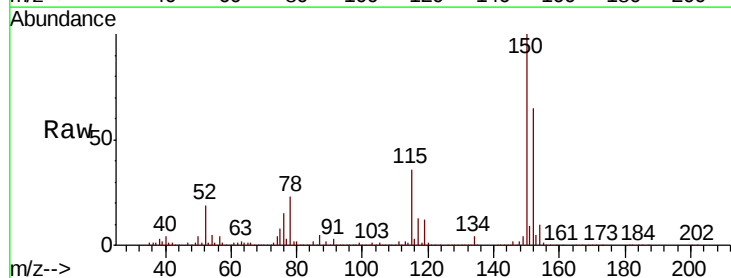
Tgt Ion:152 Resp: 84903

Ion Ratio Lower Upper

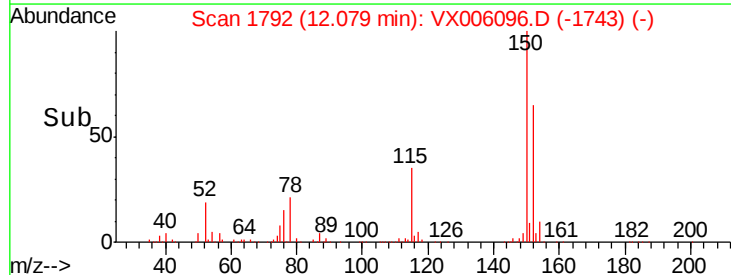
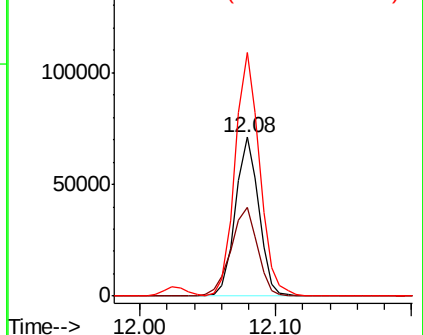
152 100

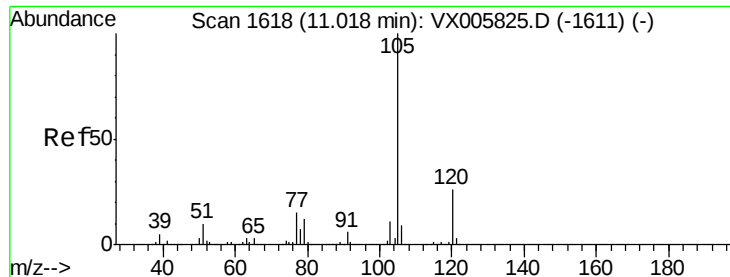
115 62.8 39.4 118.1

150 161.9 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

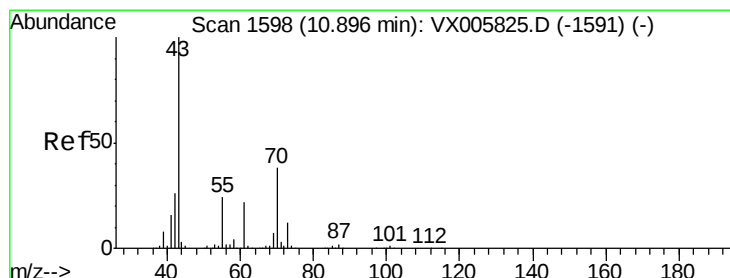
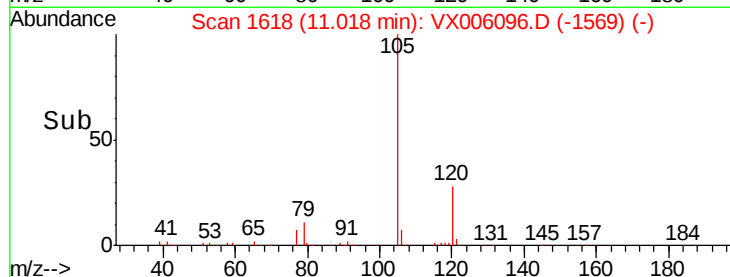
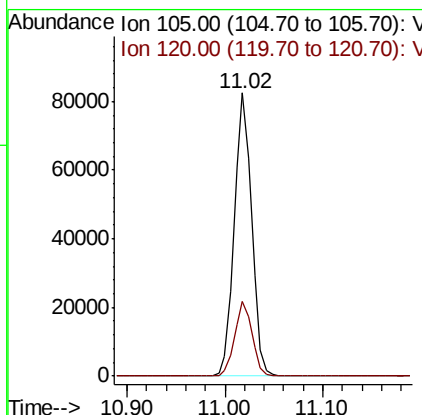
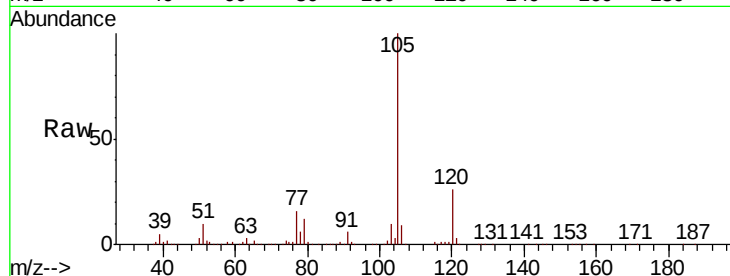




#73
Isopropylbenzene
Concen: 20.669 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX006096.D
Acq: 19 Nov 2018 17:27

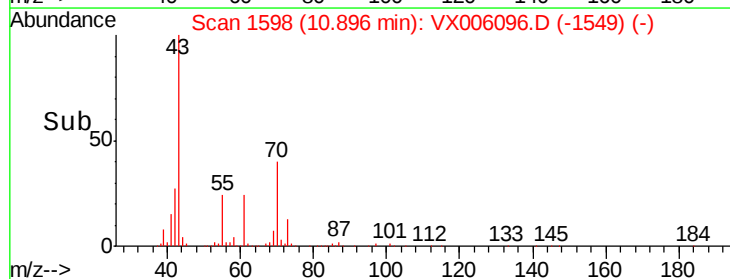
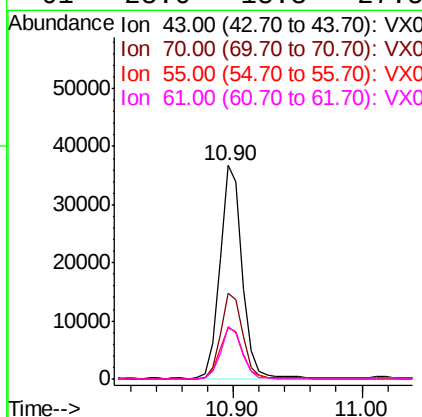
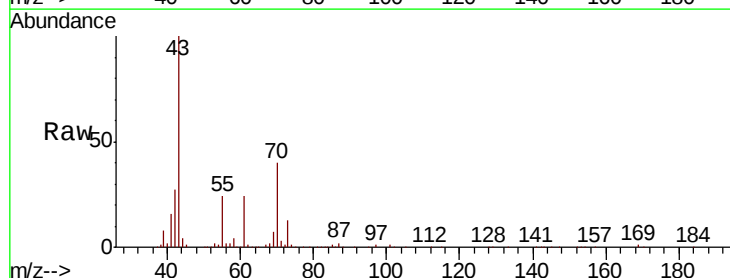
Instrument :
MSVOA_X
ClientSampleId :
VX1119MBS01

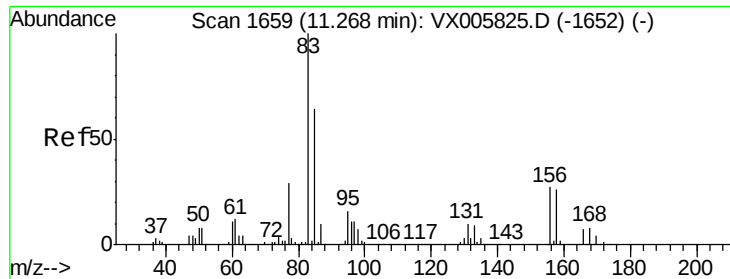
Tot Ion:105 Resp: 101482
Ion Ratio Lower Upper
105 100
120 26.3 13.1 39.3



#74
N-ethyl acetate
Concen: 17.058 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX006096.D
Acq: 19 Nov 2018 17:27

Tgt Ion: 43 Resp: 44664
Ion Ratio Lower Upper
43 100
70 40.6 31.6 47.4
55 25.2 19.7 29.5
61 23.6 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.005 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006096.D

Acq: 19 Nov 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

VX1119MBSD01

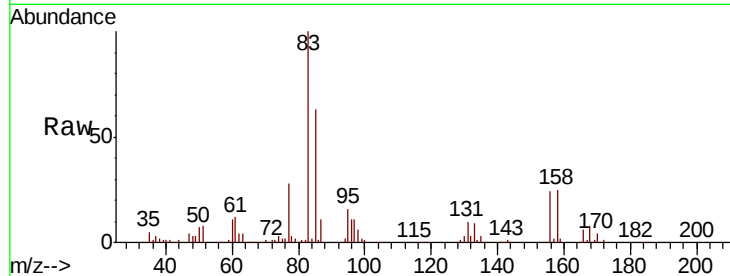
Tot Ion: 83 Resp: 36051

Ion Ratio Lower Upper

83 100

131 10.9 5.3 15.9

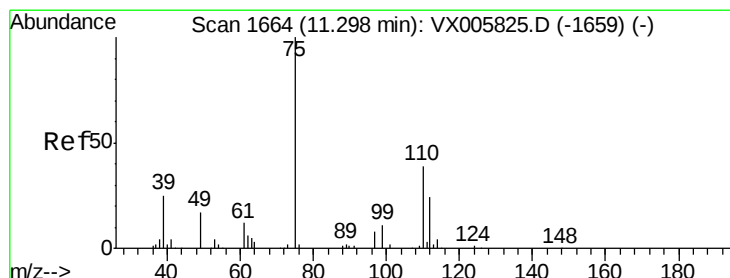
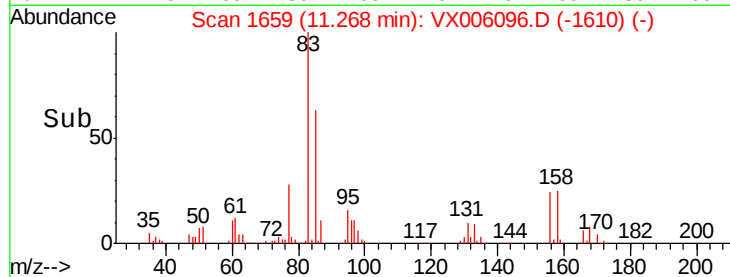
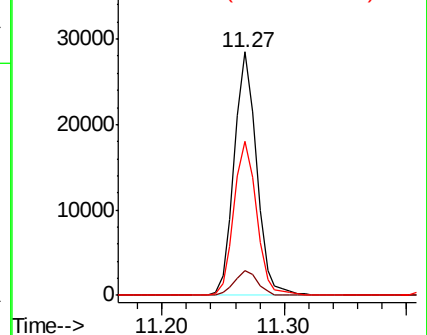
85 64.2 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 23.767 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX006096.D

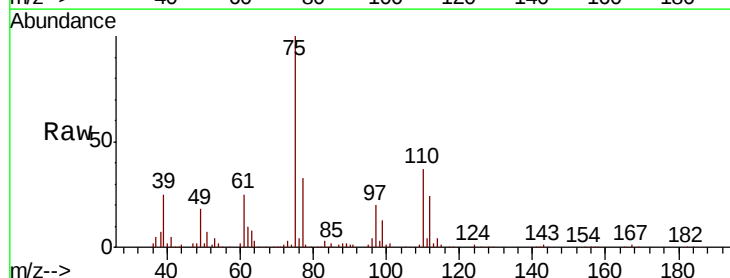
Acq: 19 Nov 2018 17:27

Tgt Ion: 75 Resp: 41089

Ion Ratio Lower Upper

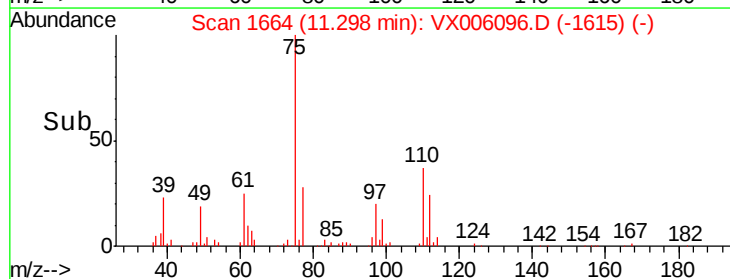
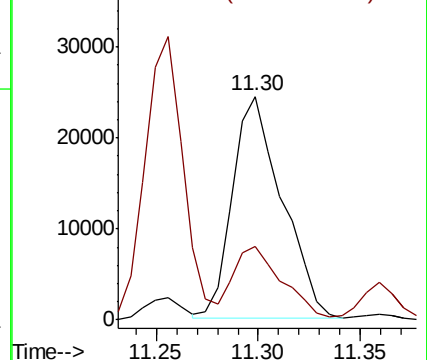
75 100

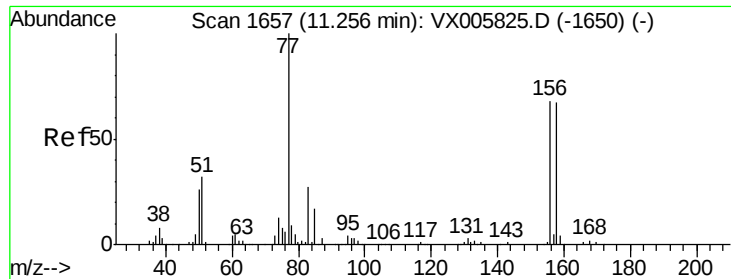
77 32.5 20.5 61.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.626 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006096.D

Acq: 19 Nov 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

VX1119MBSD01

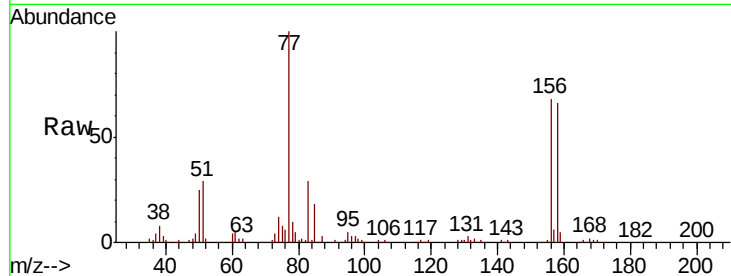
Tot Ion:156 Resp: 27160

Ion Ratio Lower Upper

156 100

77 150.6 74.8 224.4

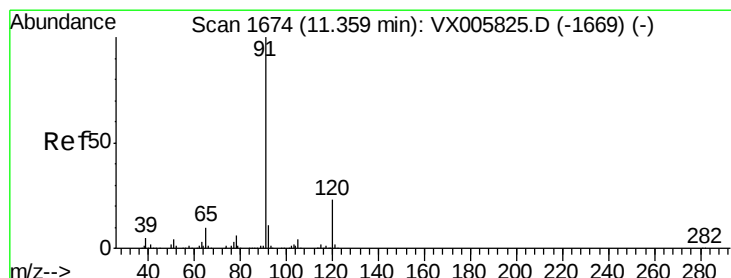
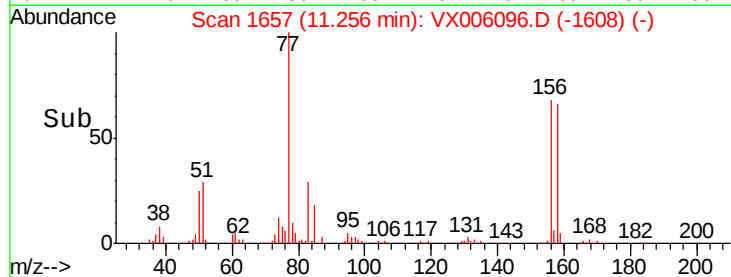
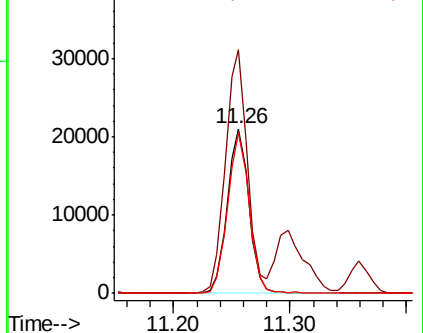
158 97.7 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.157 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006096.D

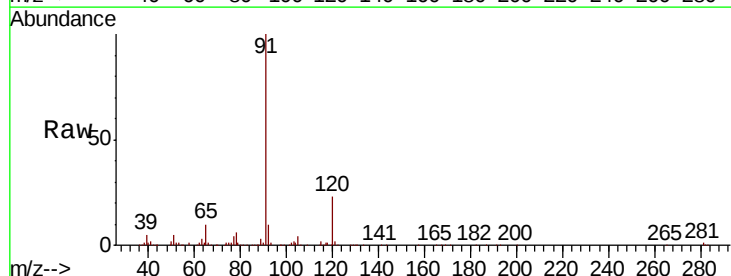
Acq: 19 Nov 2018 17:27

Tgt Ion: 91 Resp: 116639

Ion Ratio Lower Upper

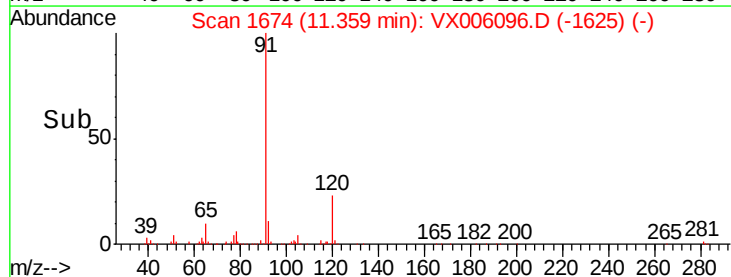
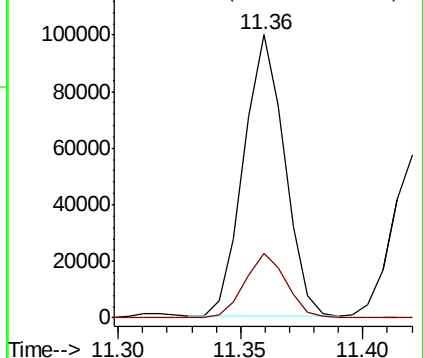
91 100

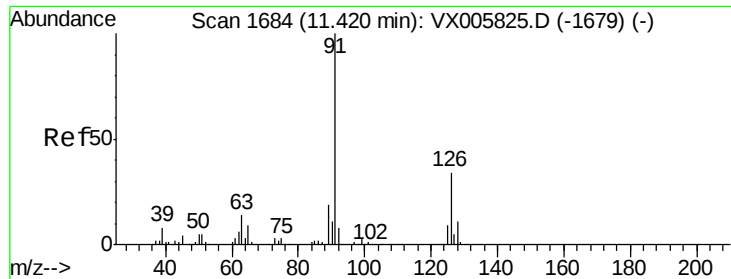
120 23.2 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.744 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006096.D

Acq: 19 Nov 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

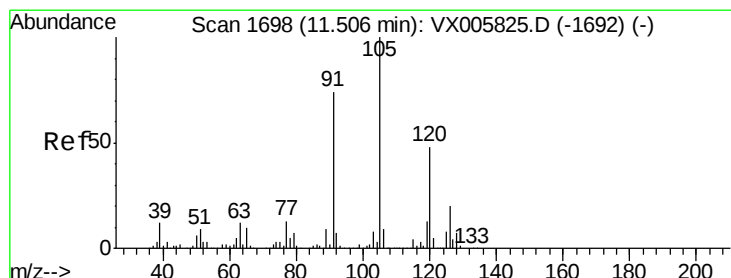
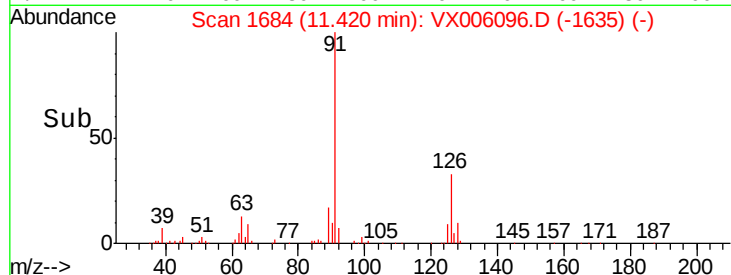
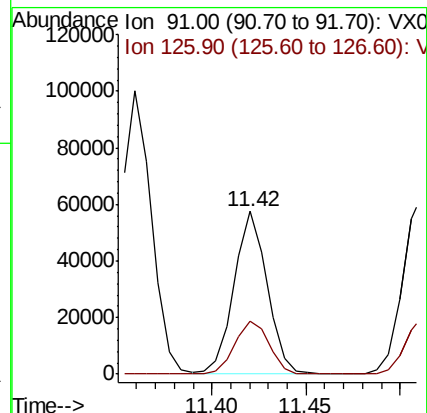
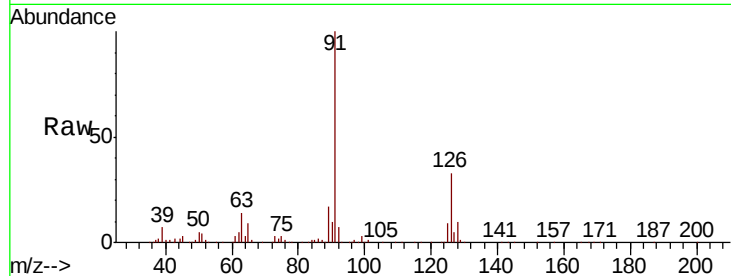
VX1119MBSD01

Tot Ion: 91 Resp: 69056

Ion Ratio Lower Upper

91 100

126 34.5 17.3 52.0



#80

1,3,5-Trimethylbenzene

Concen: 20.255 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006096.D

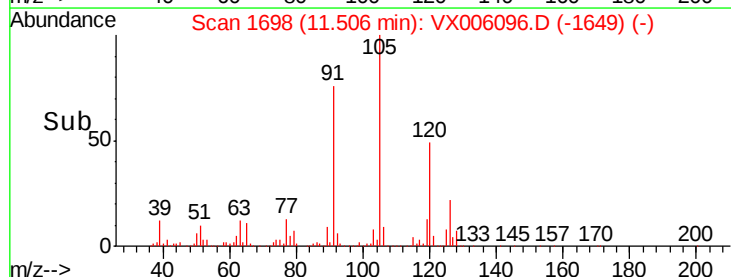
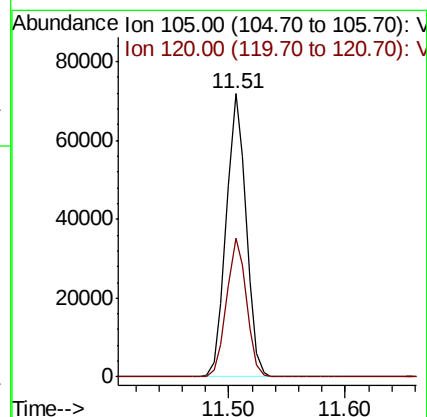
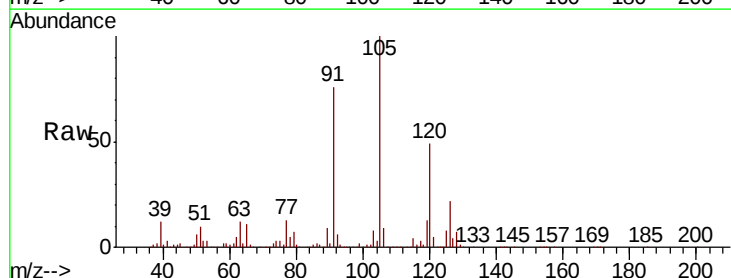
Acq: 19 Nov 2018 17:27

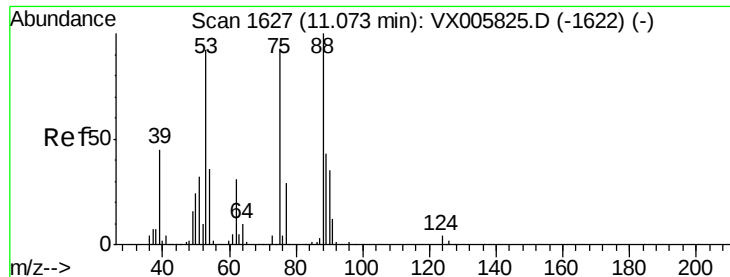
Tgt Ion: 105 Resp: 84513

Ion Ratio Lower Upper

105 100

120 49.1 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 17.707 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX006096.D

Acq: 19 Nov 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

VX1119MBSD01

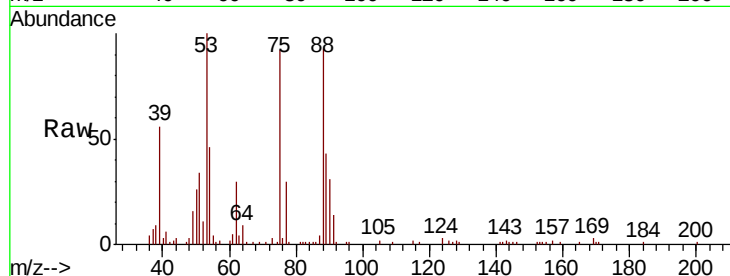
Tot Ion: 75 Resp: 9605

Ion Ratio Lower Upper

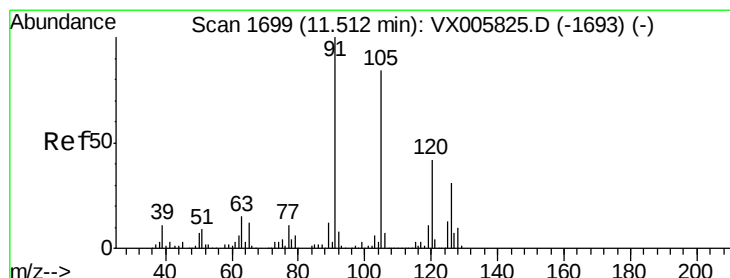
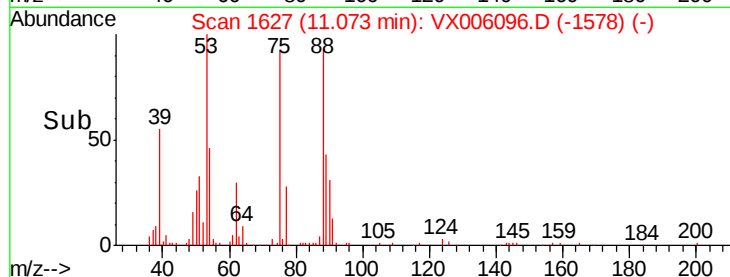
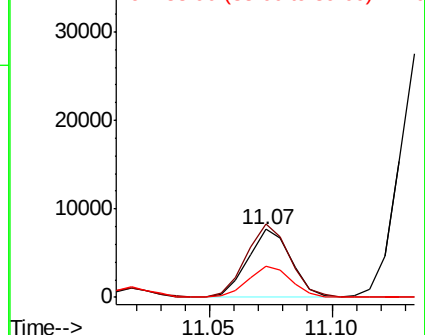
75 100

53 108.8 80.2 120.2

89 45.2 39.8 59.8



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: 19.708 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX006096.D

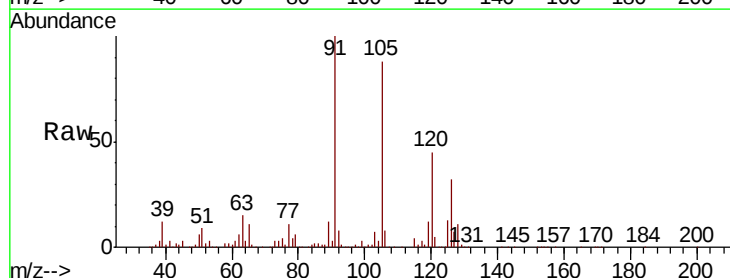
Acq: 19 Nov 2018 17:27

Tgt Ion: 91 Resp: 81237

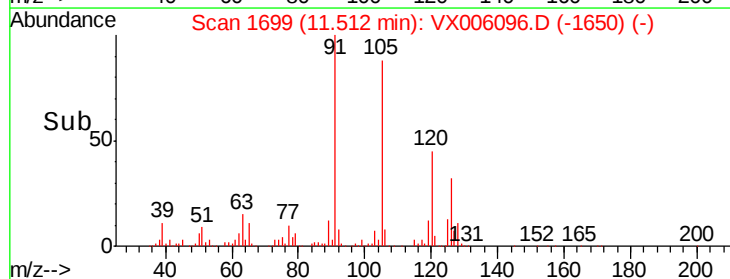
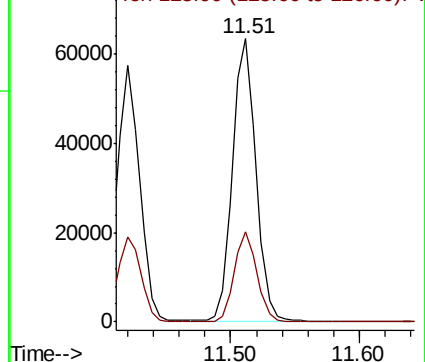
Ion Ratio Lower Upper

91 100

126 30.9 15.2 45.6



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

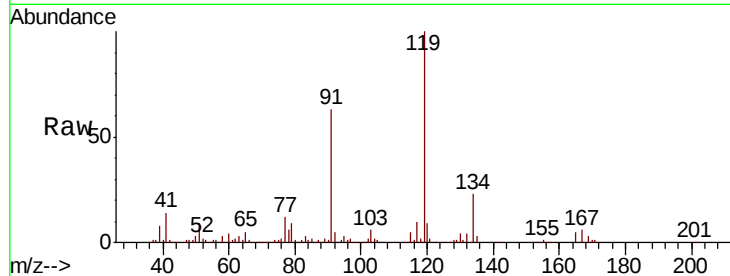




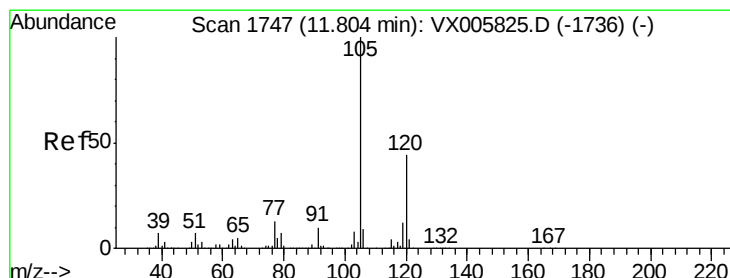
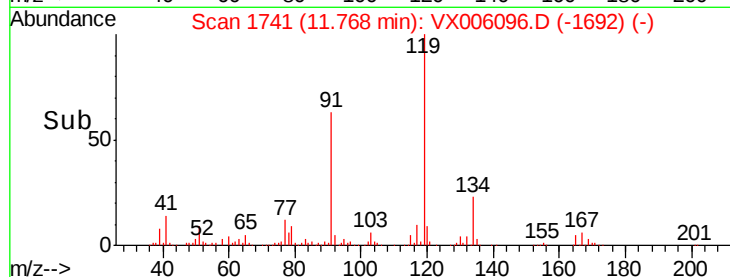
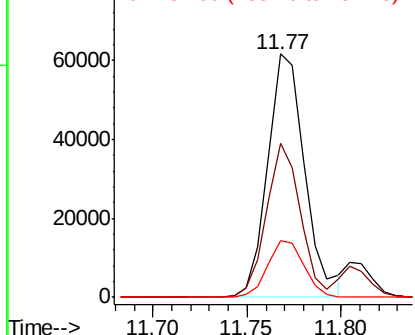
#83
 tert-Butylbenzene
 Concen: 20.056 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX006096.D
 Acq: 19 Nov 2018 17:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1119MBS01

Tot Ion:119 Resp: 84659
 Ion Ratio Lower Upper
 119 100
 91 57.4 28.5 85.5
 134 22.8 11.3 33.8

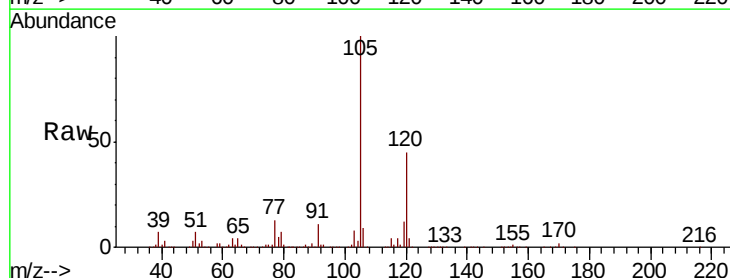


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX
 Ion 134.00 (133.70 to 134.70): V

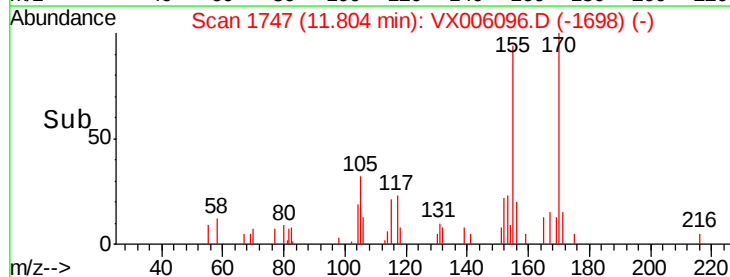
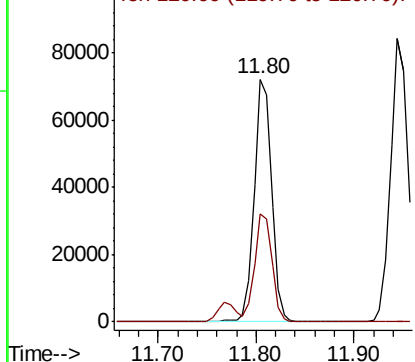


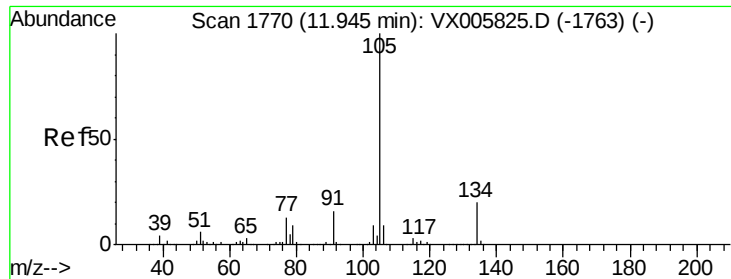
#84
 1,2,4-Trimethylbenzene
 Concen: 19.242 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX006096.D
 Acq: 19 Nov 2018 17:27

Tgt Ion:105 Resp: 88939
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.4 67.0



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.911 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006096.D

Acq: 19 Nov 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

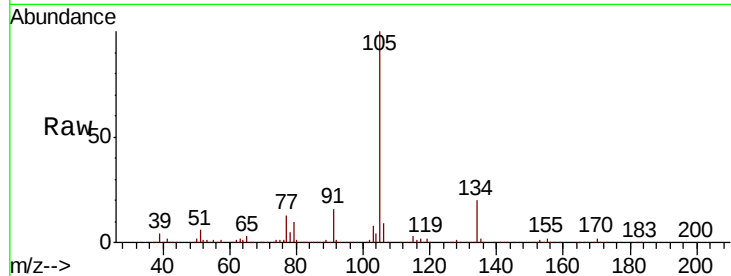
VX1119MBSD01

Tot Ion:105 Resp: 102777

Ion Ratio Lower Upper

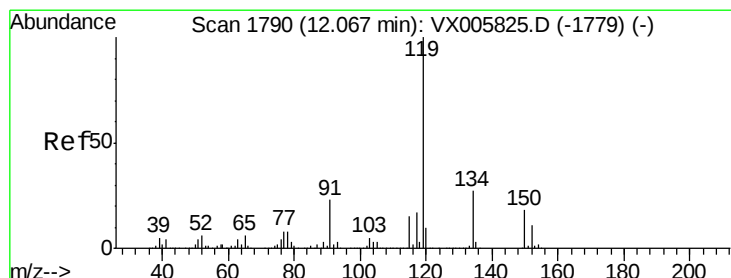
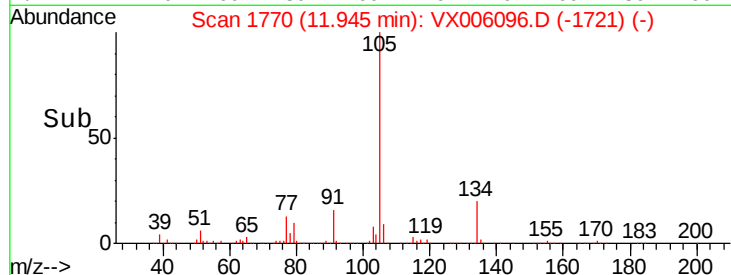
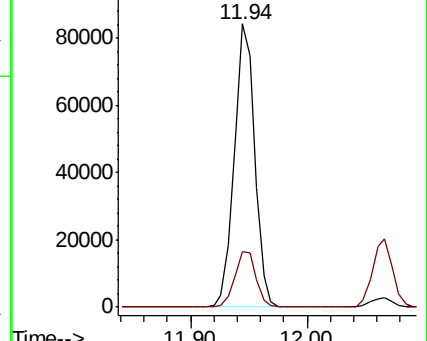
105 100

134 20.5 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.232 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX006096.D

Acq: 19 Nov 2018 17:27

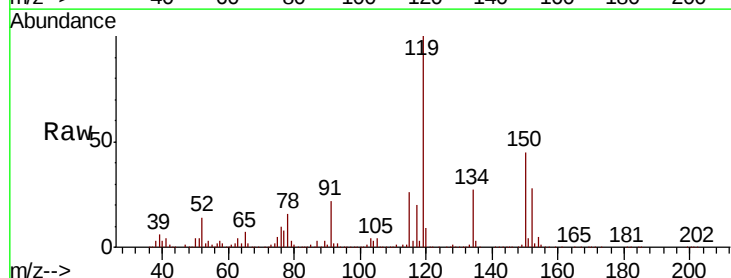
Tgt Ion:119 Resp: 92505

Ion Ratio Lower Upper

119 100

134 26.1 13.0 39.0

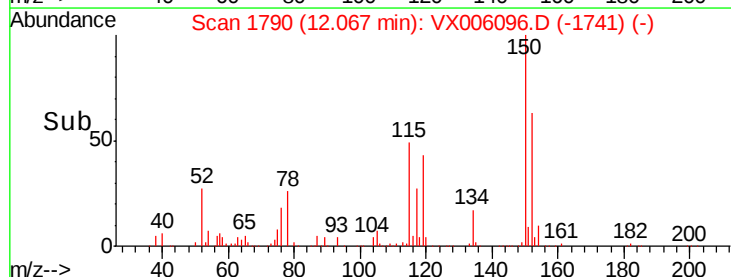
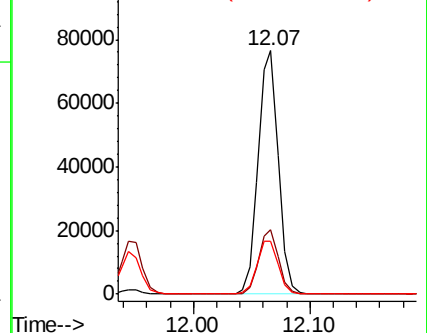
91 22.8 11.4 34.2

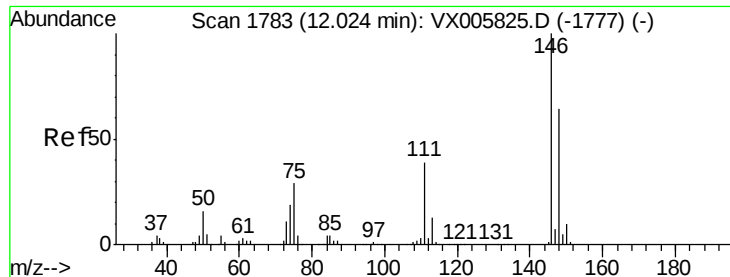


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 18.506 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX006096.D

Acq: 19 Nov 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

VX1119MBS01

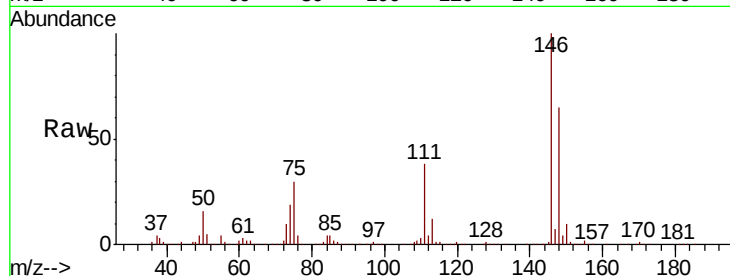
Tot Ion:146 Resp: 49151

Ion Ratio Lower Upper

146 100

111 38.0 19.0 57.0

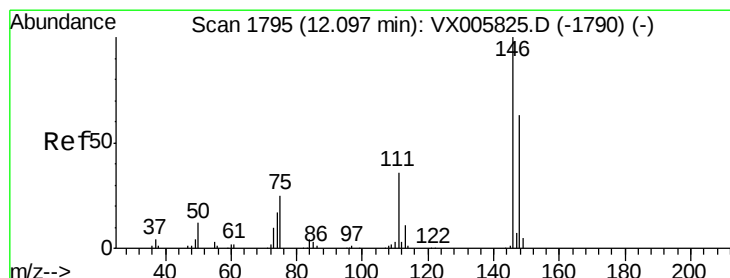
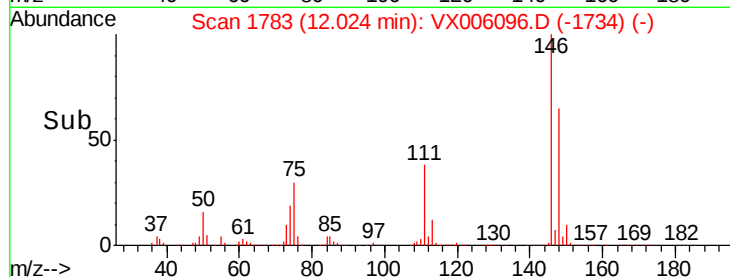
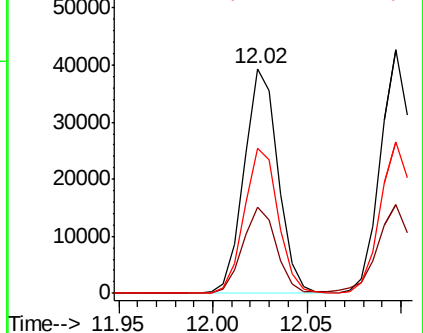
148 64.7 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 18.646 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX006096.D

Acq: 19 Nov 2018 17:27

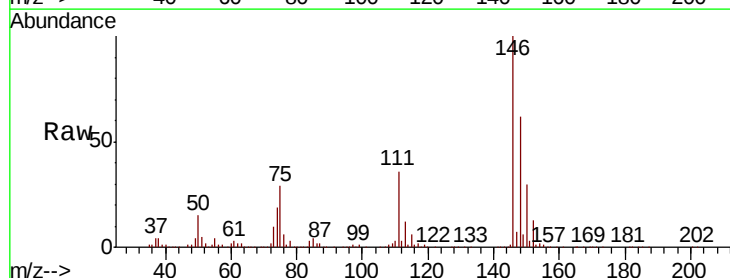
Tgt Ion:146 Resp: 50696

Ion Ratio Lower Upper

146 100

111 38.3 18.6 55.8

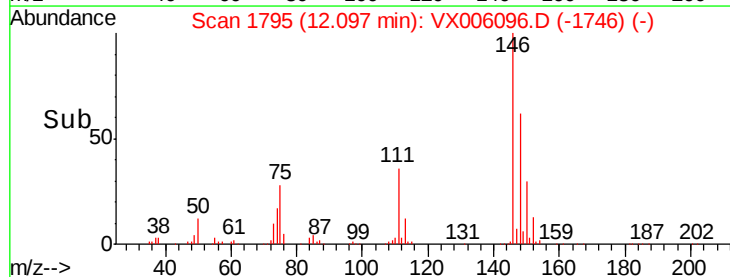
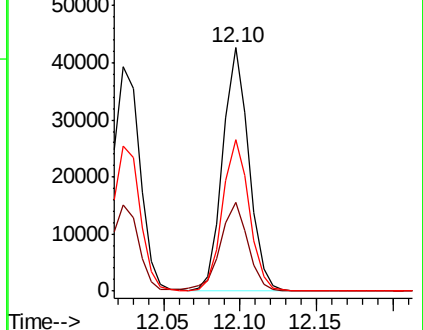
148 63.7 32.1 96.3

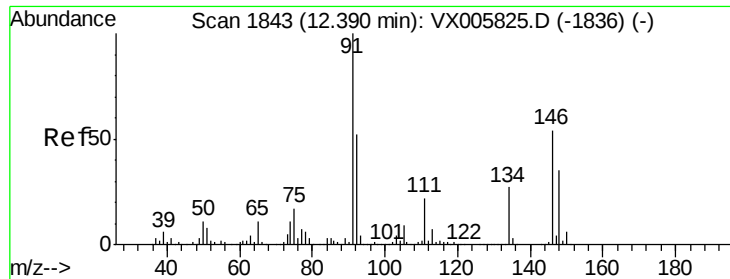


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

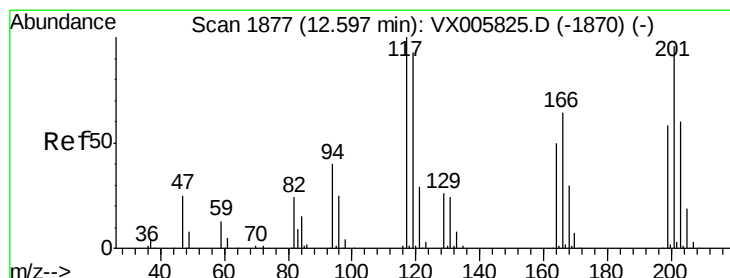
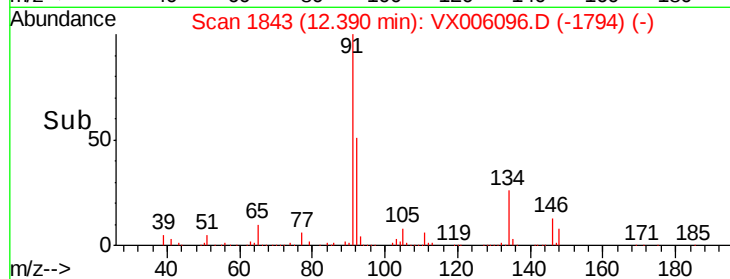
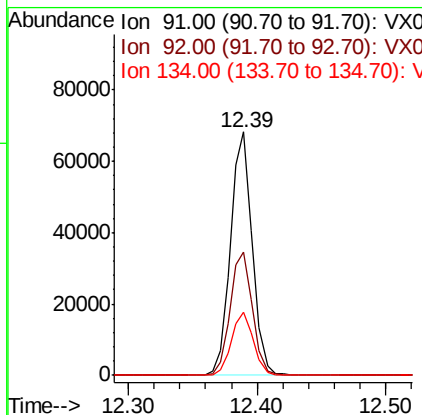
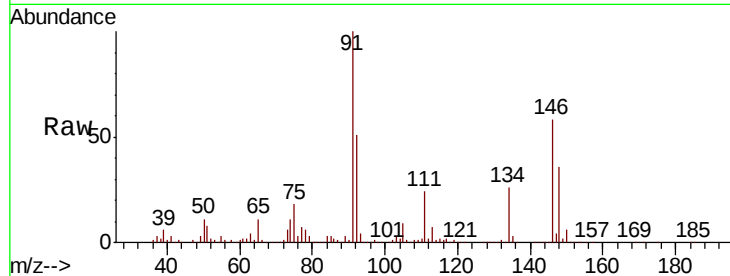




#89
n-Butylbenzene
Concen: 18.995 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006096.D
Acq: 19 Nov 2018 17:27

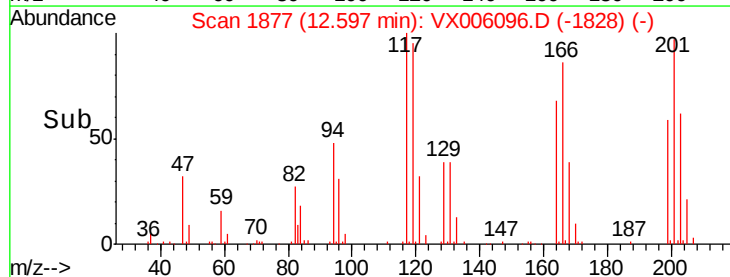
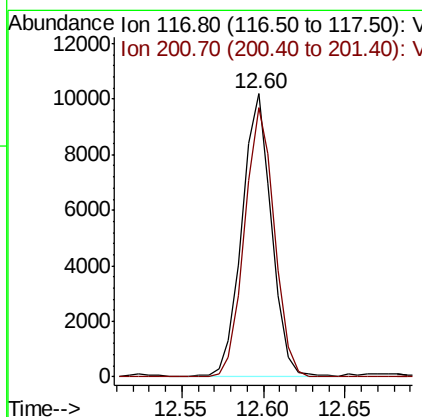
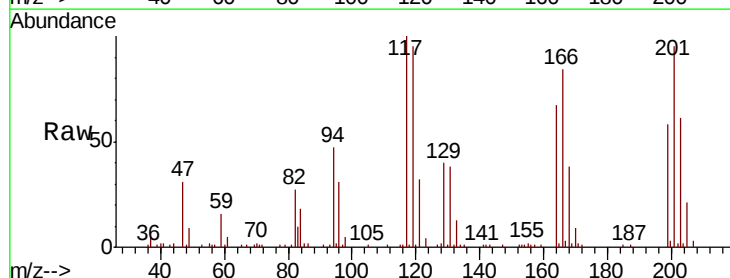
Instrument :
MSVOA_X
ClientSampleId :
VX1119MBS01

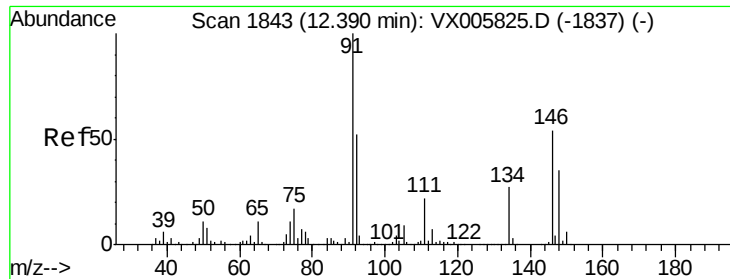
Tot Ion: 91 Resp: 80491
Ion Ratio Lower Upper
91 100
92 52.0 26.1 78.2
134 26.4 13.1 39.3



#90
Hexachloroethane
Concen: 16.919 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX006096.D
Acq: 19 Nov 2018 17:27

Tgt Ion: 117 Resp: 12915
Ion Ratio Lower Upper
117 100
201 95.4 47.9 143.6

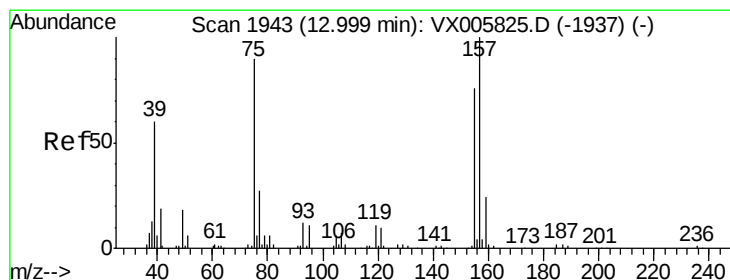
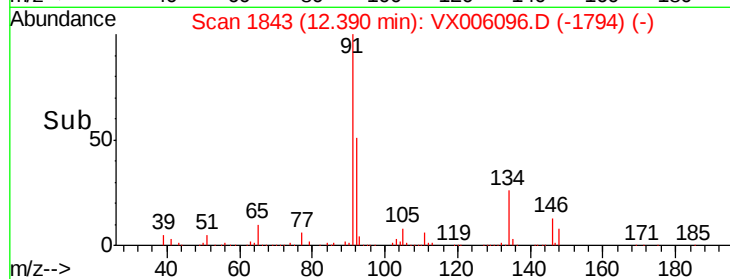
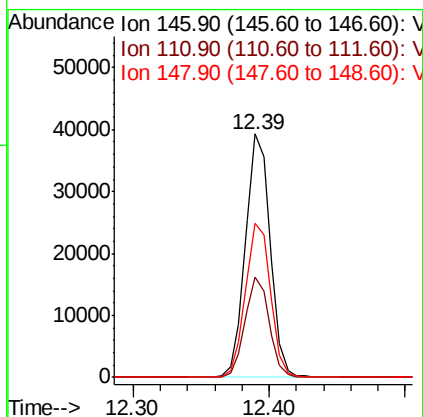
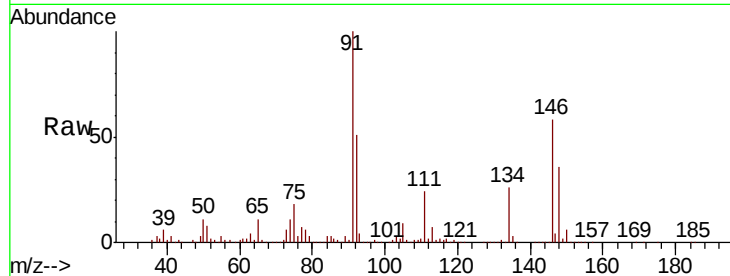




#91
 1,2-Dichlorobenzene
 Concen: 18.835 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX006096.D
 Acq: 19 Nov 2018 17:27

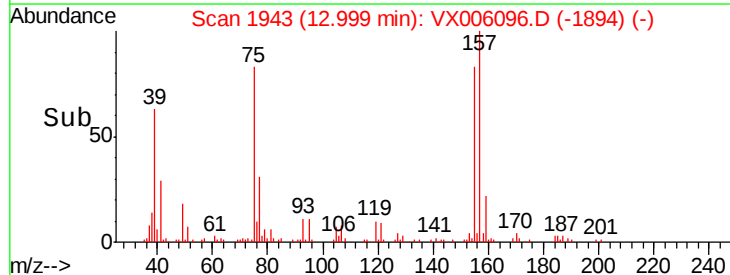
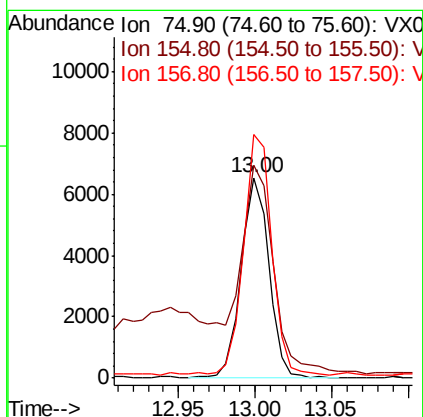
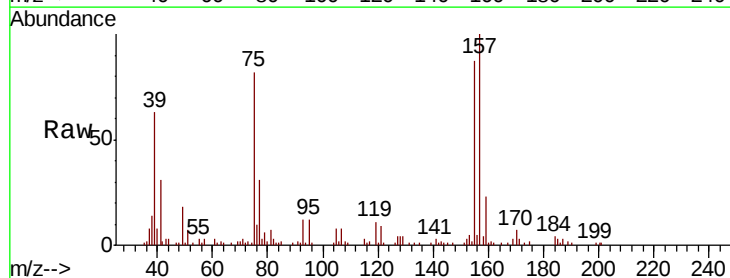
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1119MBS01

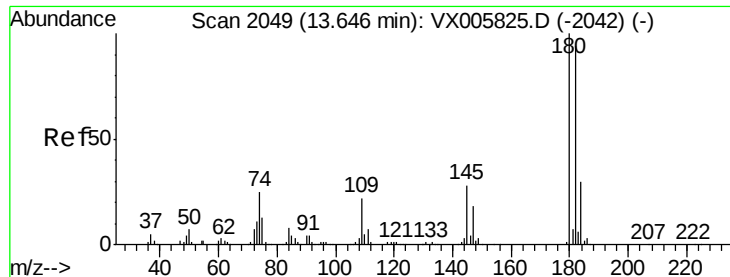
Tot Ion:146 Resp: 50113
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.0 59.9
 148 64.1 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.769 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX006096.D
 Acq: 19 Nov 2018 17:27

Tgt Ion: 75 Resp: 8254
 Ion Ratio Lower Upper
 75 100
 155 120.9 45.4 136.1
 157 120.7 57.4 172.0





#93

1,2,4-Trichlorobenzene

Concen: 19.628 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX006096.D

Acq: 19 Nov 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

VX1119MBS01

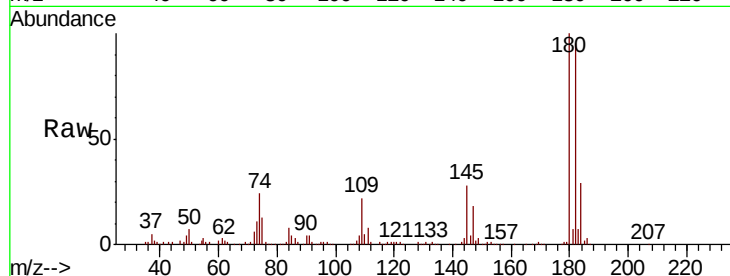
Tot Ion:180 Resp: 36764

Ion Ratio Lower Upper

180 100

182 95.6 47.6 142.8

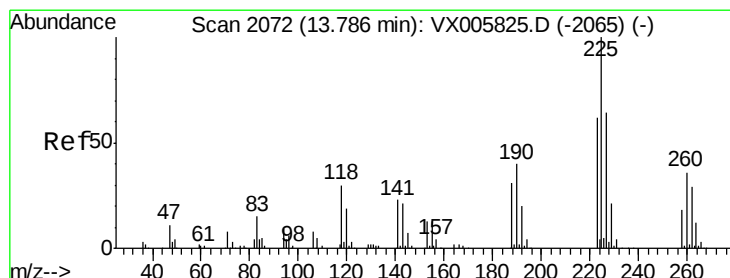
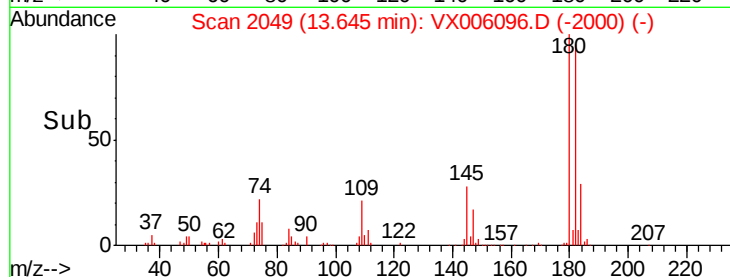
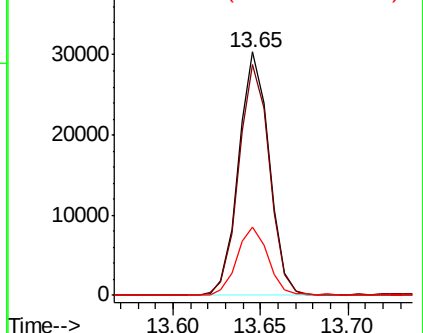
145 28.7 14.1 42.2



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 17.055 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.01 min

Lab File: VX006096.D

Acq: 19 Nov 2018 17:27

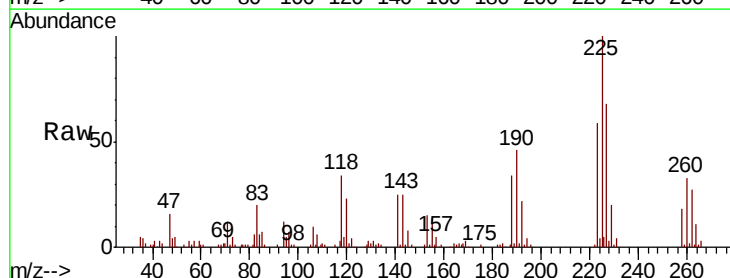
Tgt Ion:225 Resp: 16780

Ion Ratio Lower Upper

225 100

223 61.0 31.7 95.1

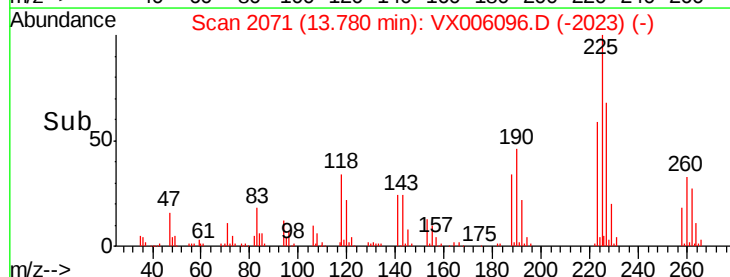
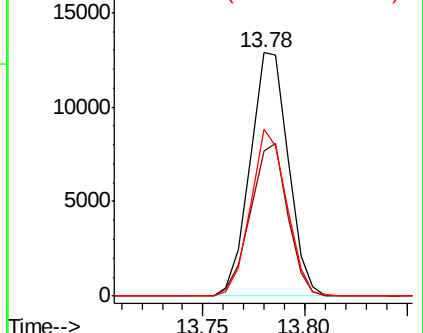
227 64.7 32.3 96.9

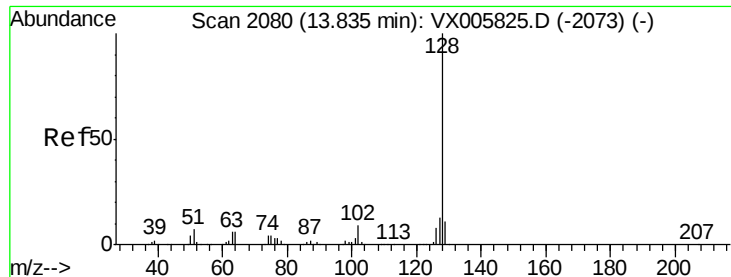


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 19.945 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006096.D

Acq: 19 Nov 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

VX1119MBSD01

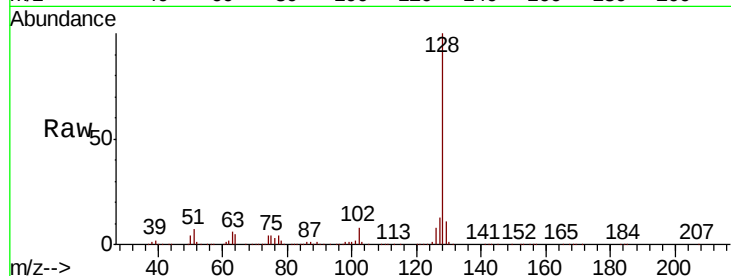
Tot Ion:128 Resp: 117400

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

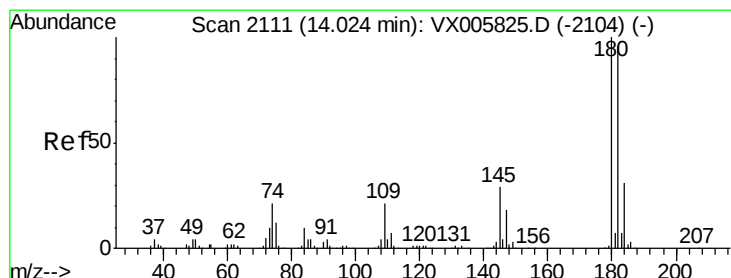
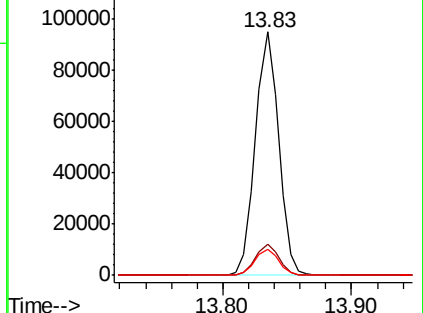
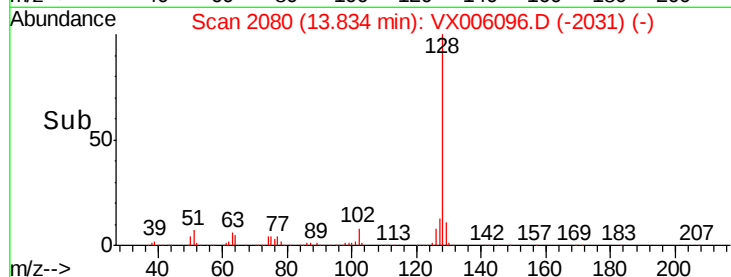
129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.810 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.01 min

Lab File: VX006096.D

Acq: 19 Nov 2018 17:27

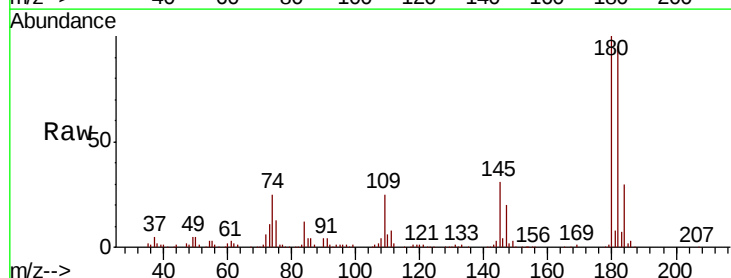
Tgt Ion:180 Resp: 37800

Ion Ratio Lower Upper

180 100

182 95.5 48.0 144.2

145 30.3 15.1 45.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

