

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022719\
 Data File : VX007742.D
 Acq On : 27 Feb 2019 18:58
 Operator : JC/SP
 Sample : VX0227MBSD01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 28 04:01:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	289954	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	426677	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	385148	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	193966	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	181461	50.52	ug/l	0.00
Spiked Amount			Recovery	=	101.04%	
35) Dibromofluoromethane	5.50	113	147041	51.55	ug/l	0.00
Spiked Amount			Recovery	=	103.10%	
50) Toluene-d8	8.71	98	554443	50.78	ug/l	0.00
Spiked Amount			Recovery	=	101.56%	
62) 4-Bromofluorobenzene	11.13	95	196316	48.98	ug/l	0.00
Spiked Amount			Recovery	=	97.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	47971	17.960	ug/l	98
3) Chloromethane	1.33	50	54527	18.422	ug/l	100
4) Vinyl Chloride	1.41	62	55964	18.429	ug/l	97
5) Bromomethane	1.64	94	36815	18.259	ug/l	99
6) Chloroethane	1.73	64	36573	18.851	ug/l	94
7) Trichlorofluoromethane	1.93	101	80075	17.201	ug/l	100
8) Diethyl Ether	2.19	74	34784	18.206	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.39	101	46652	16.580	ug/l	99
10) Methyl Iodide	2.51	142	66220	18.901	ug/l	100
11) Tert butyl alcohol	3.07	59	67437	98.960	ug/l	97
12) 1,1-Dichloroethene	2.38	96	45249	17.841	ug/l	94
13) Acrolein	2.30	56	55952	92.399	ug/l	99
14) Allyl chloride	2.73	41	92533	19.731	ug/l	94
15) Acrylonitrile	3.15	53	162499	101.330	ug/l	99
16) Acetone	2.45	43	148774	93.147	ug/l	99
17) Carbon Disulfide	2.57	76	117996	16.722	ug/l	99
18) Methyl Acetate	2.78	43	75314	21.609	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	167005	18.909	ug/l	99
20) Methylene Chloride	2.86	84	52419	17.774	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	48760	17.684	ug/l	88
22) Diisopropyl ether	3.87	45	193639	19.835	ug/l	96
23) Vinyl Acetate	3.82	43	832667	97.215	ug/l	97
24) 1,1-Dichloroethane	3.70	63	100788	18.996	ug/l	98
25) 2-Butanone	4.70	43	247160	101.589	ug/l	94
26) 2,2-Dichloropropane	4.59	77	68040	16.065	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	60647	17.286	ug/l	92
28) Bromochloromethane	5.02	49	48630	18.827	ug/l	84
29) Tetrahydrofuran	5.15	42	161296	100.576	ug/l	93
30) Chloroform	5.21	83	101784	17.909	ug/l	99
31) Cyclohexane	5.57	56	89208	17.875	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	83232	17.708	ug/l	96
36) 1,1-Dichloropropene	5.80	75	74297	19.368	ug/l	97
37) Ethyl Acetate	4.85	43	91579	21.492	ug/l	99
38) Carbon Tetrachloride	5.78	117	72409	18.792	ug/l	99

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Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 28 04:01:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	86442	17.830	ug/l	94
40) Benzene	6.14	78	229392	19.372	ug/l	99
41) Methacrylonitrile	5.06	41	52313	22.991	ug/l	94
42) 1,2-Dichloroethane	6.20	62	83487	20.977	ug/l	100
43) Isopropyl Acetate	6.46	43	139398	21.256	ug/l	97
44) Trichloroethene	7.21	130	62722	19.255	ug/l	94
45) 1,2-Dichloropropane	7.52	63	61585	20.077	ug/l	99
46) Dibromomethane	7.66	93	39086	18.265	ug/l	98
47) Bromodichloromethane	7.90	83	70193	18.928	ug/l	99
48) Methyl methacrylate	7.77	41	74124	21.562	ug/l	92
49) 1,4-Dioxane	7.75	88	29077	391.621	ug/l	92
51) 4-Methyl-2-Pentanone	8.65	43	470825	107.253	ug/l	99
52) Toluene	8.78	92	142298	19.057	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	75006	18.160	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	84777	18.838	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	59828	19.214	ug/l	97
56) Ethyl methacrylate	9.18	69	87537	19.769	ug/l	95
57) 1,3-Dichloropropane	9.37	76	97775	19.616	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	242413	99.275	ug/l	97
59) 2-Hexanone	9.49	43	360389	104.568	ug/l	98
60) Dibromochloromethane	9.58	129	56449	18.840	ug/l	99
61) 1,2-Dibromoethane	9.67	107	61052	18.885	ug/l	98
64) Tetrachloroethene	9.34	164	64779	20.718	ug/l	99
65) Chlorobenzene	10.14	112	157852	18.950	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	56156	19.326	ug/l	100
67) Ethyl Benzene	10.25	91	261800	18.972	ug/l	100
68) m/p-Xylenes	10.36	106	201159	37.472	ug/l	96
69) o-Xylene	10.69	106	96431	18.675	ug/l	94
70) Styrene	10.71	104	161420	19.019	ug/l	99
71) Bromoform	10.85	173	42627	19.563	ug/l	99
73) Isopropylbenzene	11.02	105	260016	18.756	ug/l	100
74) N-amyl acetate	10.90	43	118796	19.733	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	88472	18.452	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	98887	23.918	ug/l	81
77) Bromobenzene	11.26	156	70918	20.395	ug/l	94
78) n-propylbenzene	11.36	91	289954	18.509	ug/l	98
79) 2-Chlorotoluene	11.42	91	175938	18.652	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	215037	18.858	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	22385	16.645	ug/l	90
82) 4-Chlorotoluene	11.51	91	200882	18.205	ug/l	99
83) tert-Butylbenzene	11.77	119	207390	18.942	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	221135	18.958	ug/l	99
85) sec-Butylbenzene	11.94	105	255390	18.615	ug/l	99
86) p-Isopropyltoluene	12.06	119	227005	18.893	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	123961	19.220	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	123380	18.678	ug/l	98
89) n-Butylbenzene	12.39	91	188157	17.559	ug/l	100
90) Hexachloroethane	12.60	117	34309	16.947	ug/l	91
91) 1,2-Dichlorobenzene	12.39	146	123440	19.128	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17967	17.198	ug/l	94

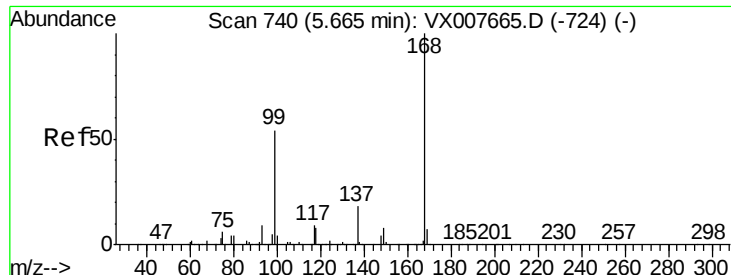
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Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Feb 28 04:01:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:53:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	83908	21.301	ug/l	99
94) Hexachlorobutadiene	13.78	225	44970	24.955	ug/l	99
95) Naphthalene	13.83	128	251675	19.720	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	85356	21.580	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

Instrument :

MSVOA_X

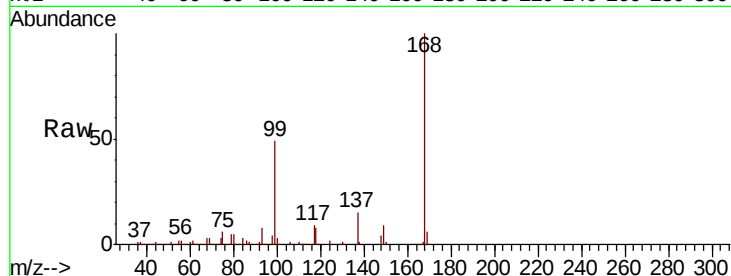
ClientSampled :

Tot Ion:168 Resp: 289954

Ion Ratio Lower Upper

168 100

99 49.2 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

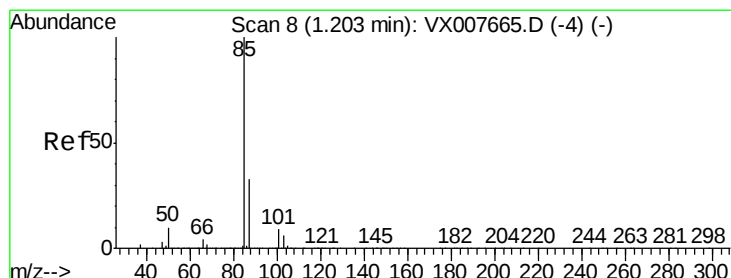
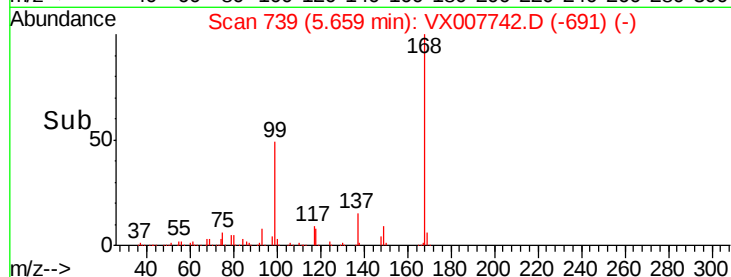
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 17.960 ug/l

RT: 1.20 min Scan# 8

Delta R.T. -0.00 min

Lab File: VX007742.D

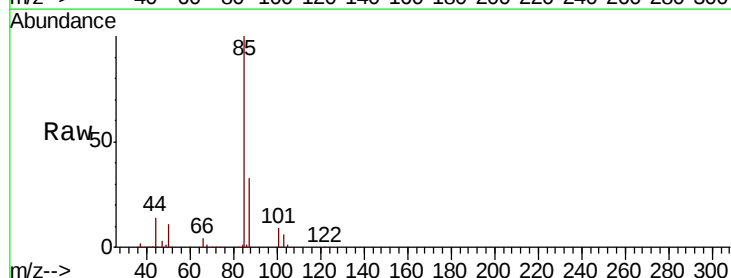
Acq: 27 Feb 2019 18:58

Tgt Ion: 85 Resp: 47971

Ion Ratio Lower Upper

85 100

87 33.0 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

50000

40000

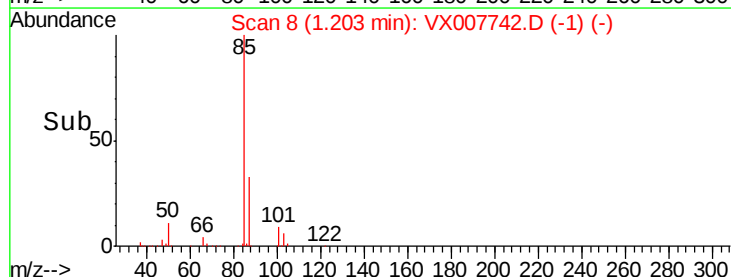
30000

20000

10000

0

Time-->





#3

Chloromethane

Concen: 18.422 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

Instrument :

MSVOA_X

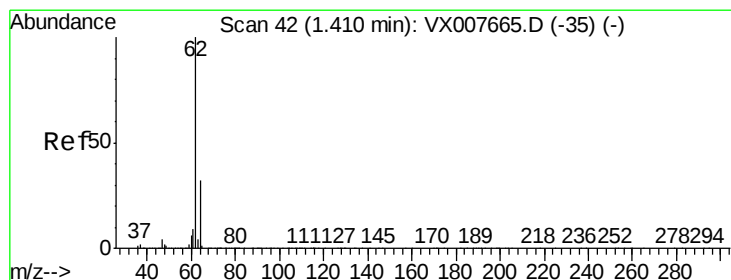
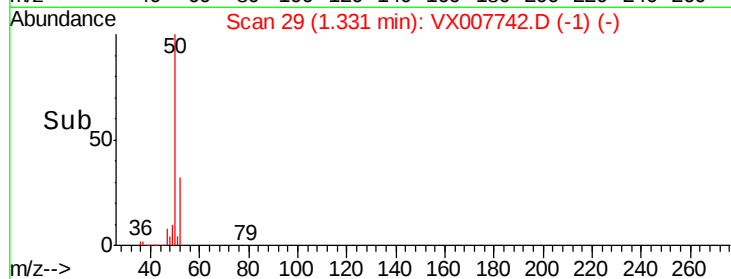
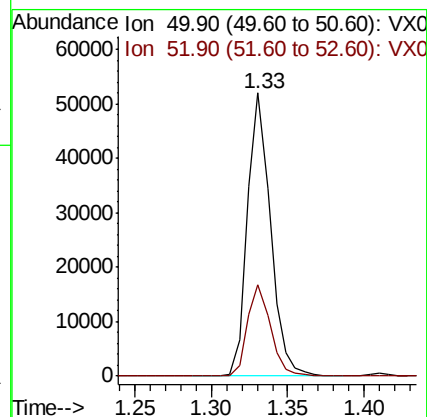
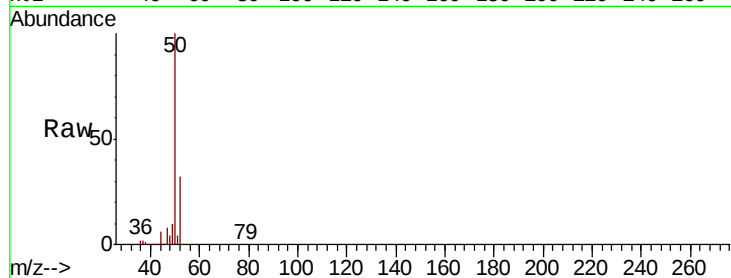
ClientSampleId :

Tot Ion: 50 Resp: 54527

Ion Ratio Lower Upper

50 100

52 32.4 26.1 39.1



#4

Vinyl Chloride

Concen: 18.429 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007742.D

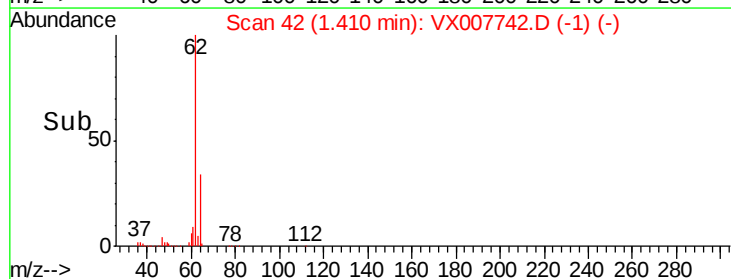
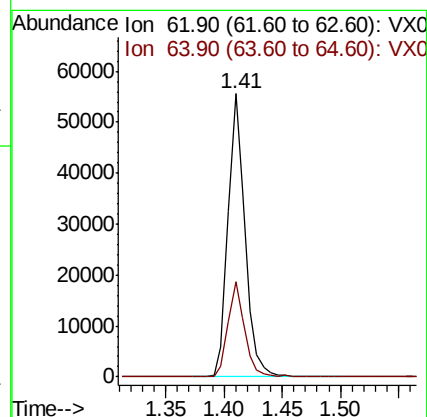
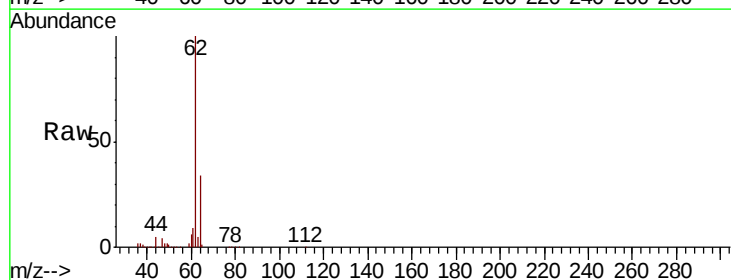
Acq: 27 Feb 2019 18:58

Tgt Ion: 62 Resp: 55964

Ion Ratio Lower Upper

62 100

64 33.4 25.4 38.0





#5

Bromomethane

Concen: 18.259 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

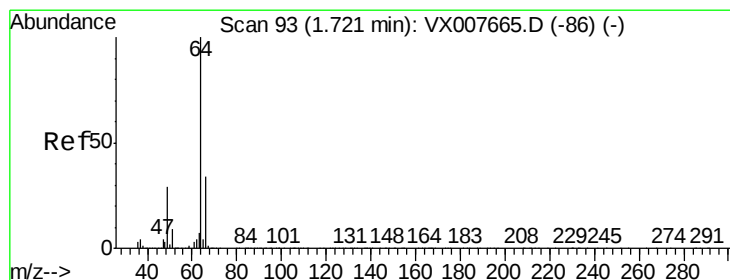
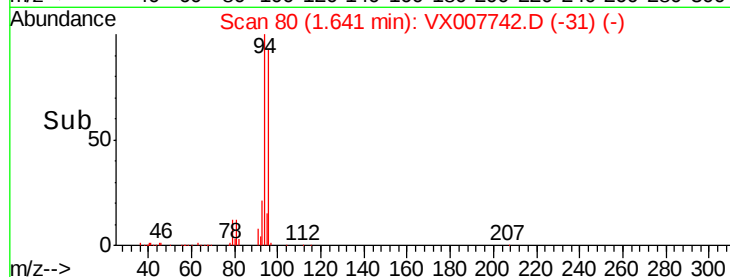
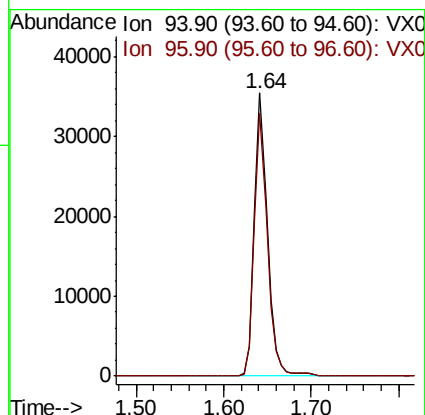
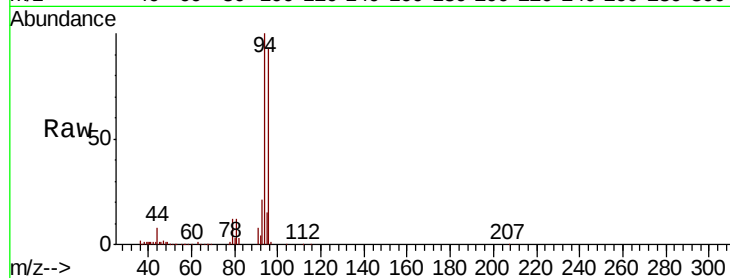
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 94 Resp: 36815

Ion Ratio Lower Upper

94 100

96 93.1 73.9 110.9



#6

Chloroethane

Concen: 18.851 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007742.D

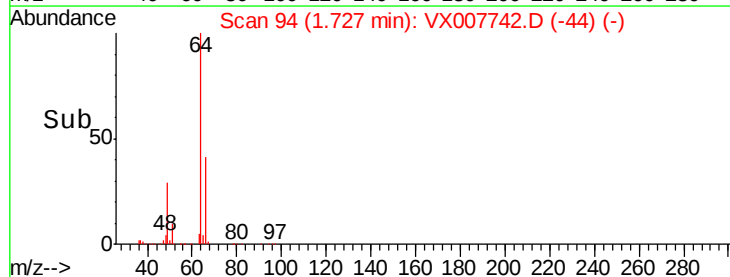
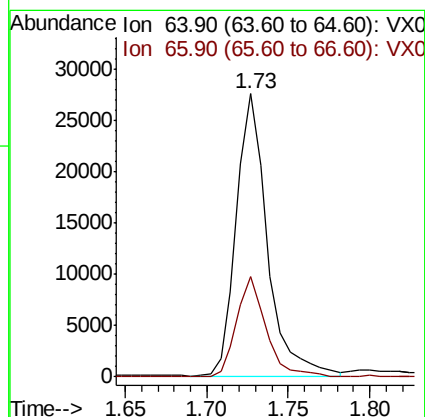
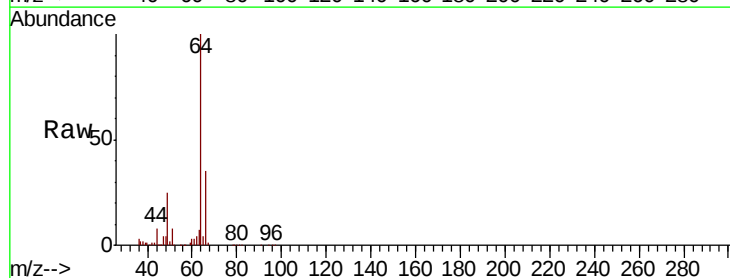
Acq: 27 Feb 2019 18:58

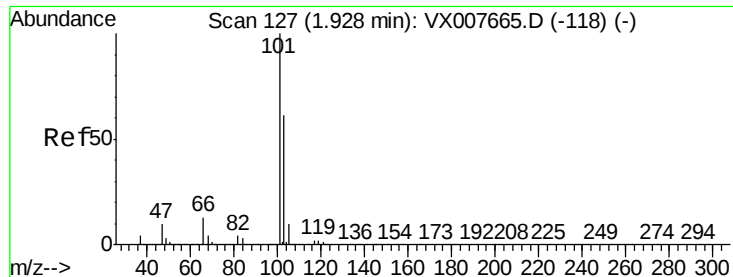
Tgt Ion: 64 Resp: 36573

Ion Ratio Lower Upper

64 100

66 35.2 25.5 38.3



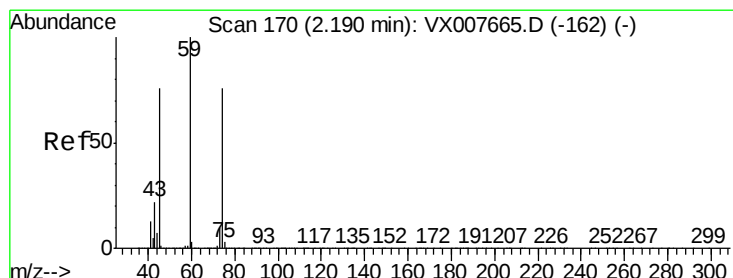
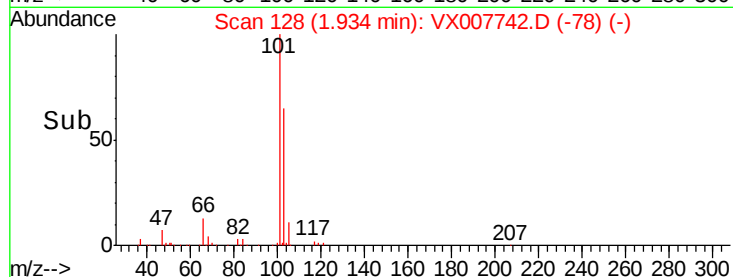
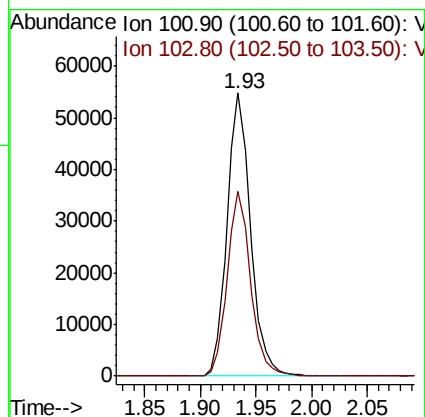
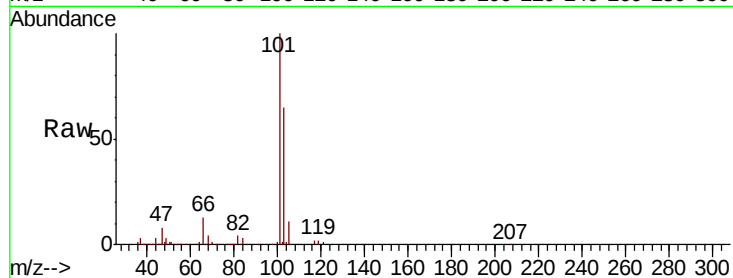


#7

Trichlorofluoromethane
Concen: 17.201 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX007742.D
Acq: 27 Feb 2019 18:58

Instrument :
MSVOA_X
ClientSampled :

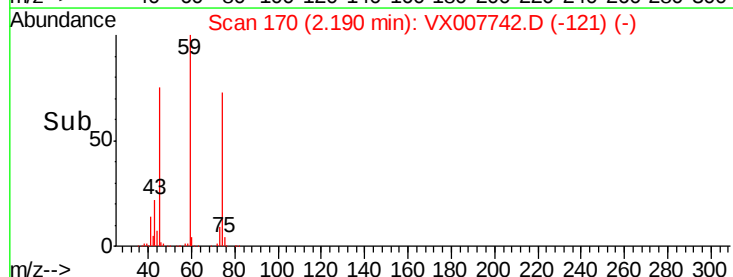
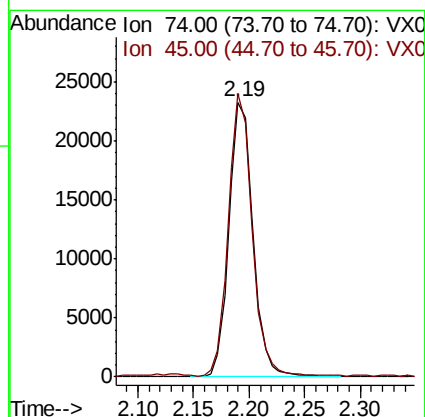
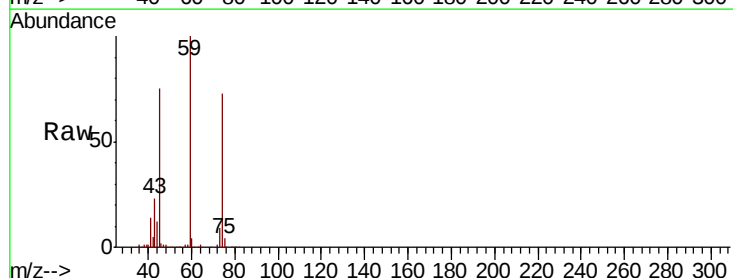
Tot Ion:101 Resp: 80075
Ion Ratio Lower Upper
101 100
103 65.5 52.6 79.0



#8

Diethyl Ether
Concen: 18.206 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007742.D
Acq: 27 Feb 2019 18:58

Tgt Ion: 74 Resp: 34784
Ion Ratio Lower Upper
74 100
45 101.1 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.580 ug/l

RT: 2.39 min Scan# 202

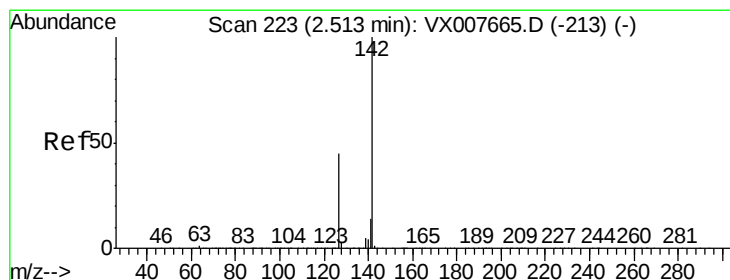
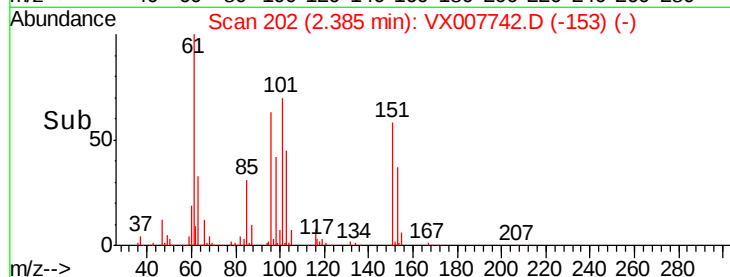
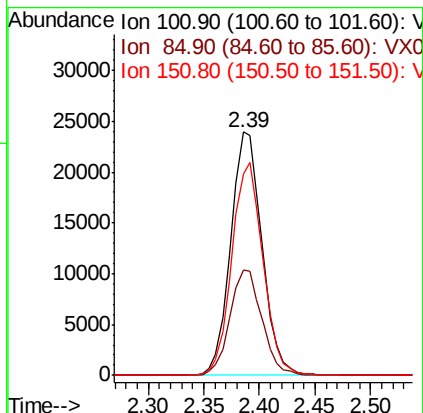
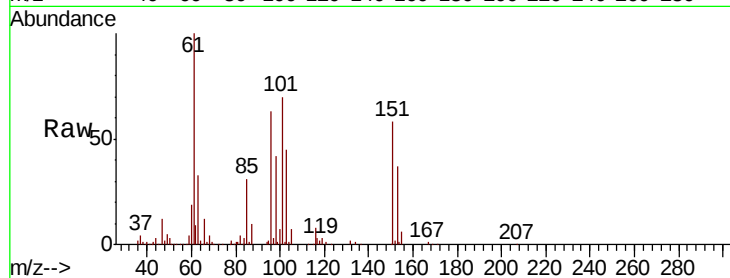
Delta R.T. -0.00 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	101	Resp:	46652
Ion	Ratio	Lower	Upper
101	100		
85	44.2	34.1	51.1
151	87.1	69.9	104.9



#10

Methyl Iodide

Concen: 18.901 ug/l

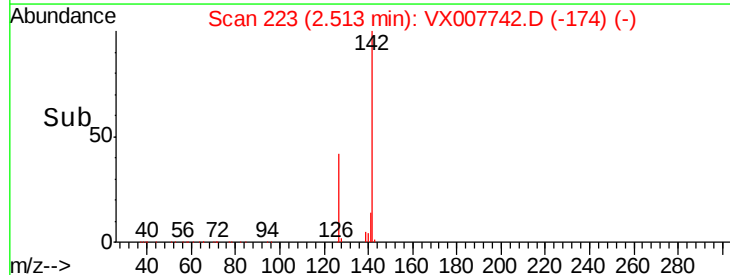
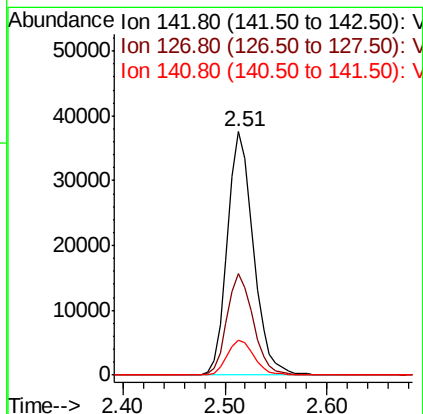
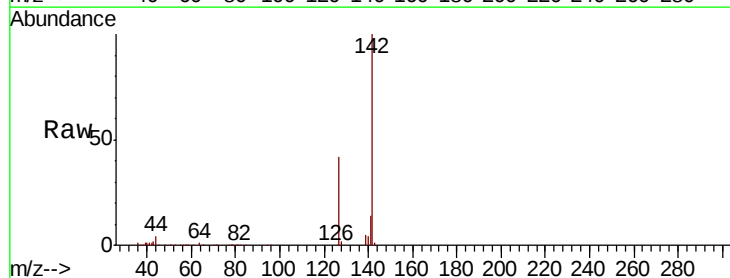
RT: 2.51 min Scan# 223

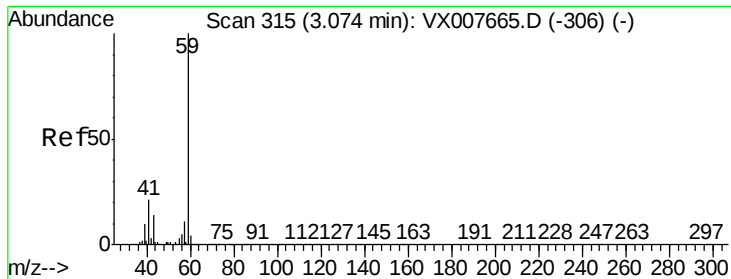
Delta R.T. -0.00 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

Tgt Ion:	142	Resp:	66220
Ion	Ratio	Lower	Upper
142	100		
127	42.1	33.7	50.5
141	14.7	11.3	16.9



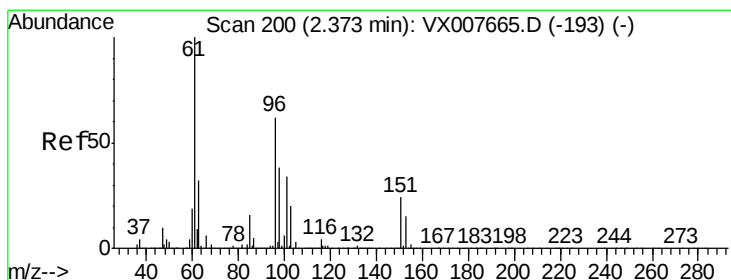
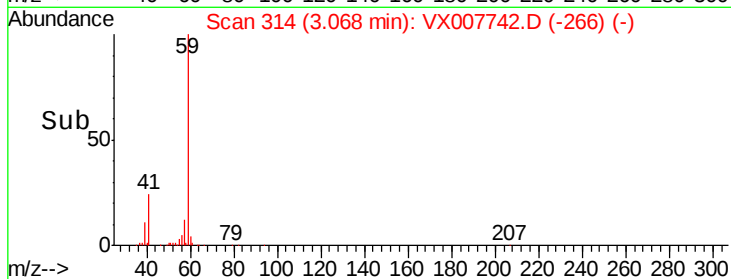
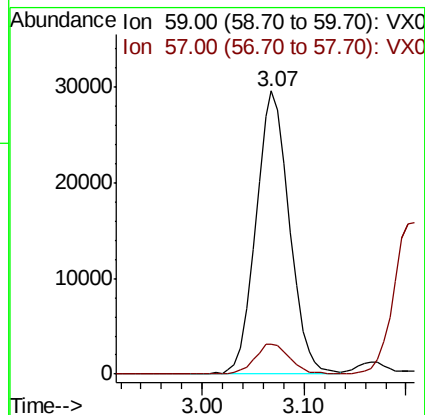
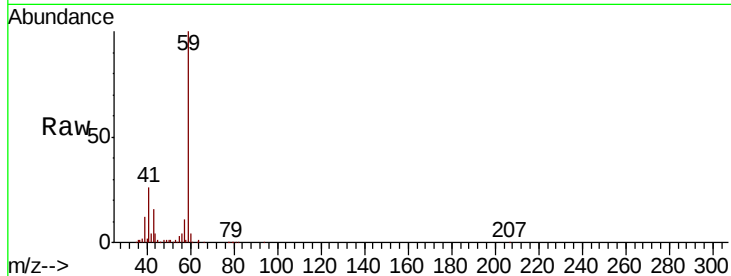


#11

Tert butyl alcohol
 Concen: 98.960 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX007742.D
 Acq: 27 Feb 2019 18:58

Instrument :
 MSVOA_X
 ClientSampleId :

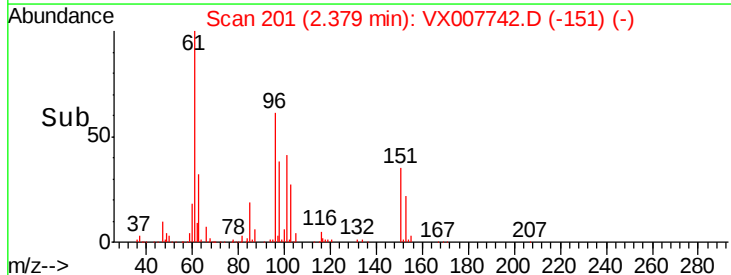
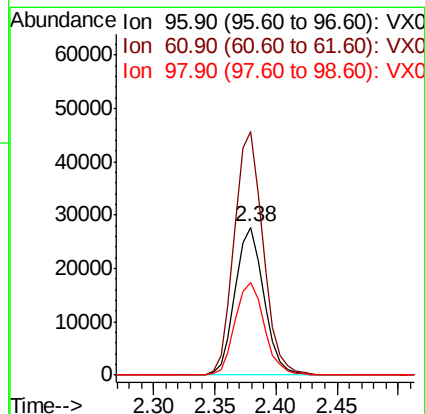
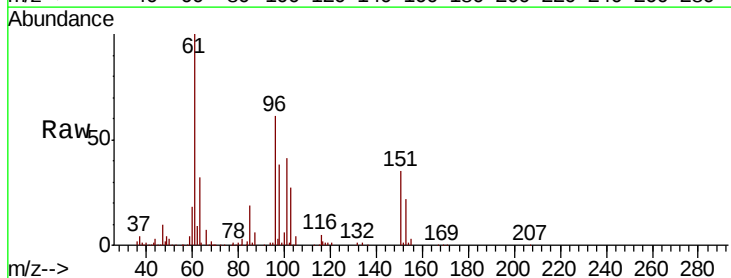
Tot Ion: 59 Resp: 67437
 Ion Ratio Lower Upper
 59 100
 57 11.2 8.1 12.1

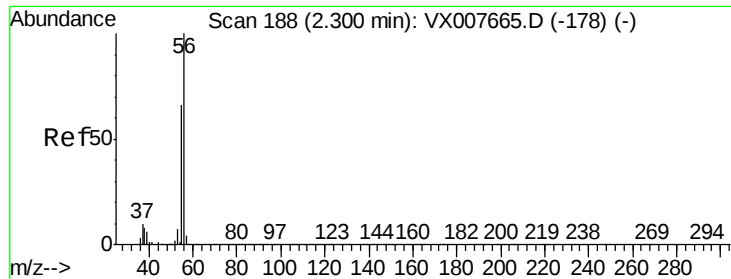


#12

1,1-Dichloroethene
 Concen: 17.841 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.01 min
 Lab File: VX007742.D
 Acq: 27 Feb 2019 18:58

Tgt Ion: 96 Resp: 45249
 Ion Ratio Lower Upper
 96 100
 61 164.6 123.0 184.4
 98 62.4 50.9 76.3





#13

Acrolein

Concen: 92.399 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

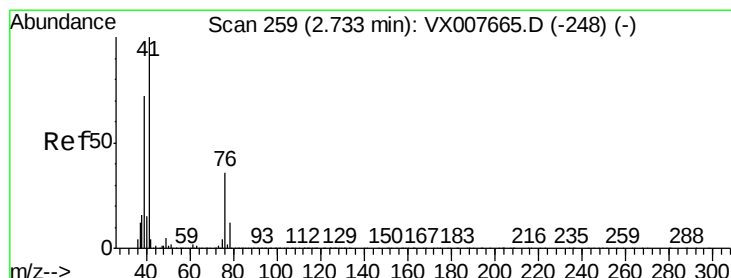
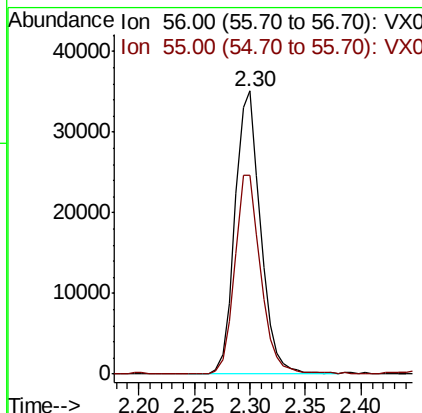
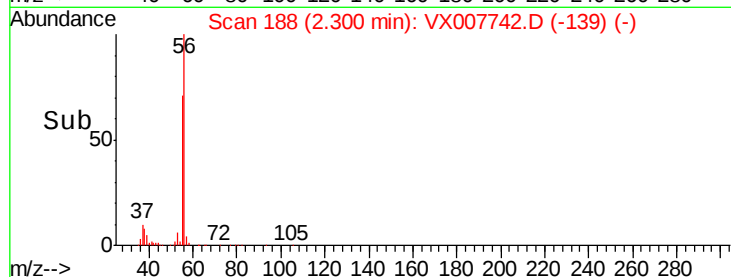
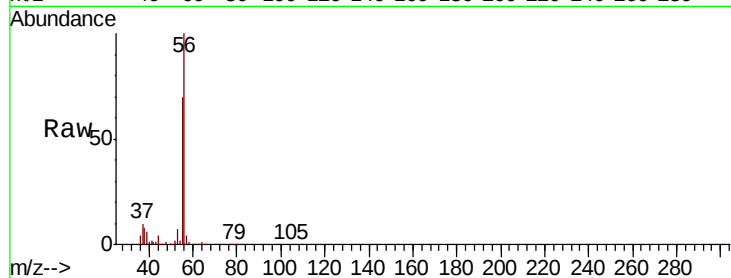
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 55952

Ion Ratio Lower Upper

56 100

55 71.8 56.9 85.3



#14

Allyl chloride

Concen: 19.731 ug/l

RT: 2.73 min Scan# 259

Delta R.T. -0.00 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

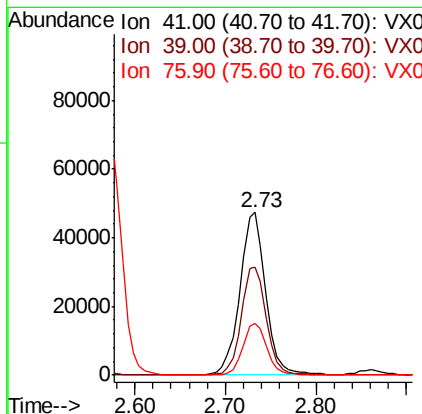
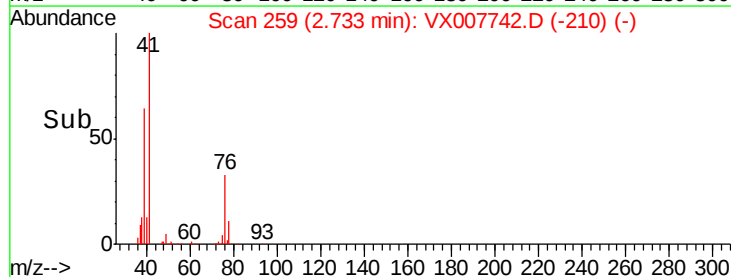
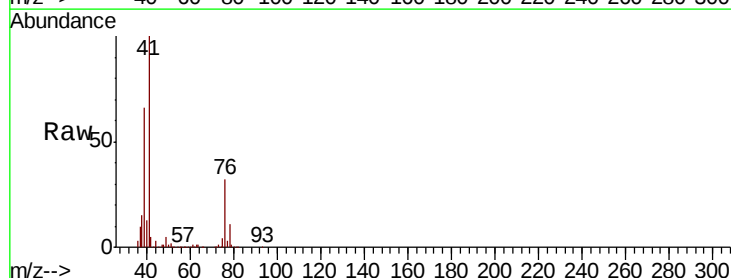
Tgt Ion: 41 Resp: 92533

Ion Ratio Lower Upper

41 100

39 64.4 54.1 81.1

76 29.9 27.8 41.8





#15

Acrylonitrile

Concen: 101.330 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

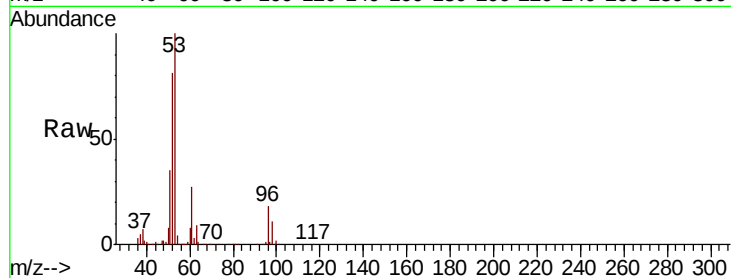
Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 53 Resp: 162499

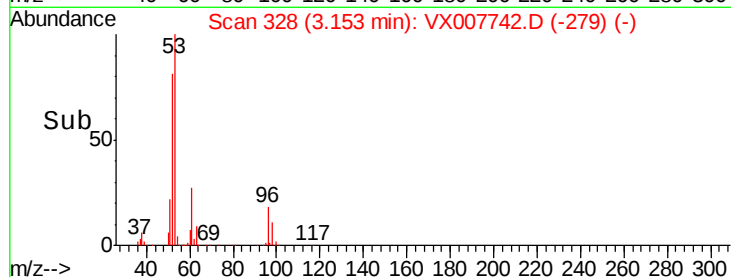
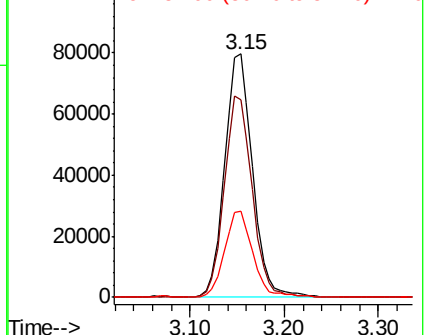
Ion	Ratio	Lower	Upper
53	100		
52	83.5	66.4	99.6
51	36.0	28.4	42.6



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 93.147 ug/l

RT: 2.45 min Scan# 212

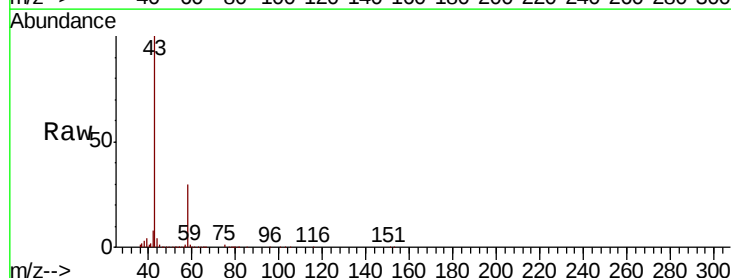
Delta R.T. -0.00 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

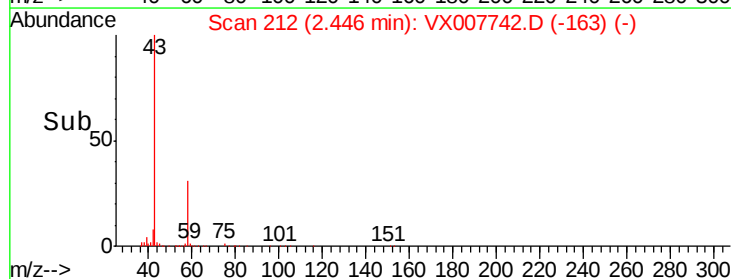
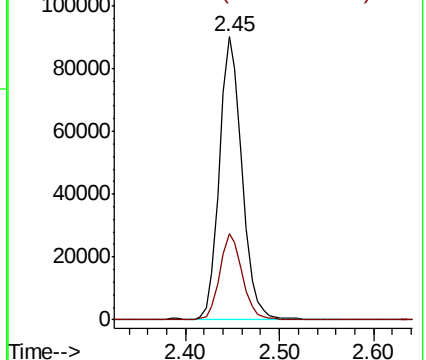
Tgt Ion: 43 Resp: 148774

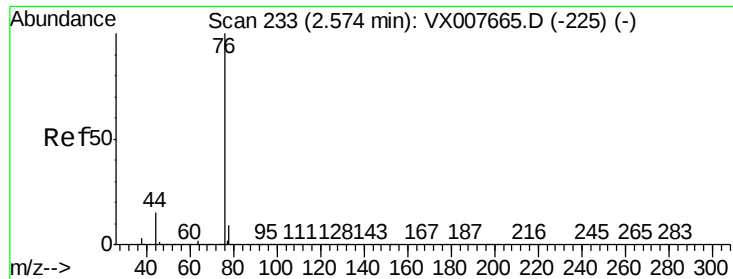
Ion	Ratio	Lower	Upper
43	100		
58	30.5	24.9	37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

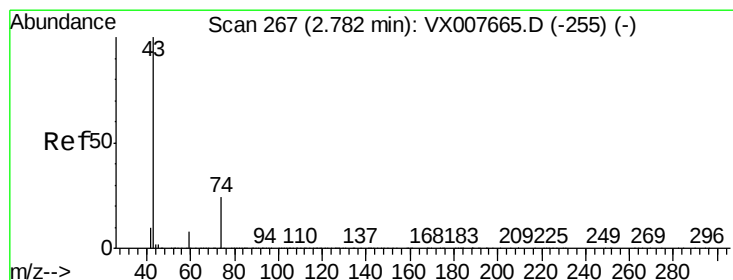
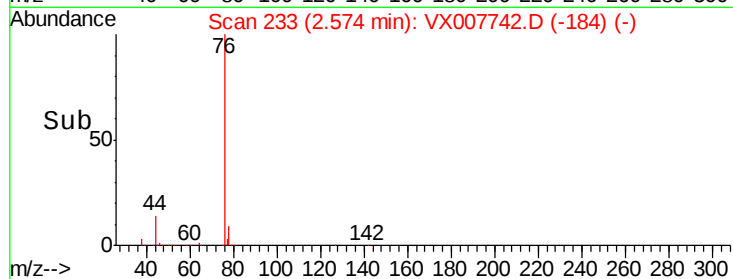
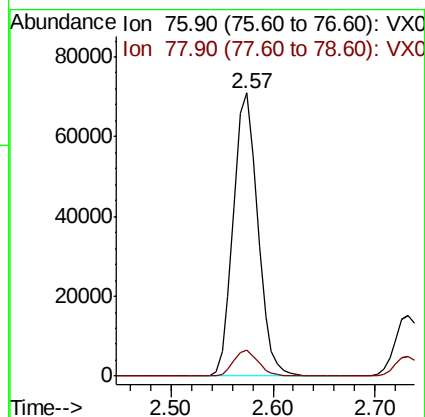
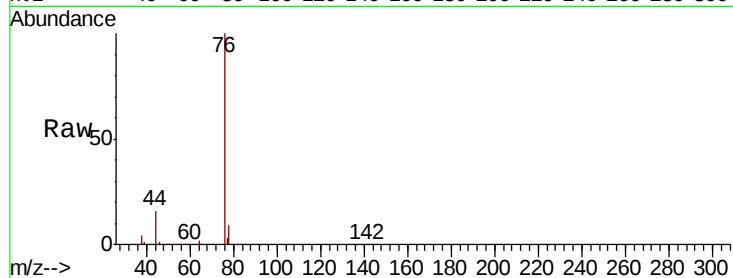




#17
Carbon Disulfide
Concen: 16.722 ug/l
RT: 2.57 min Scan# 233
Delta R.T. -0.00 min
Lab File: VX007742.D
Acq: 27 Feb 2019 18:58

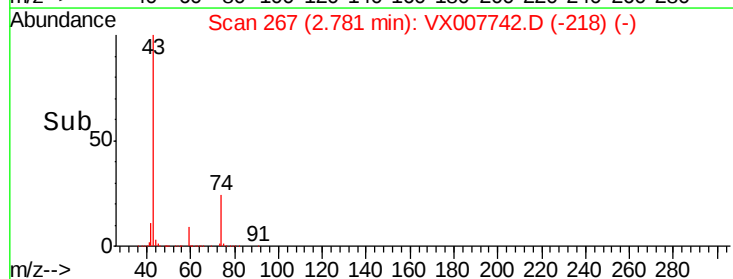
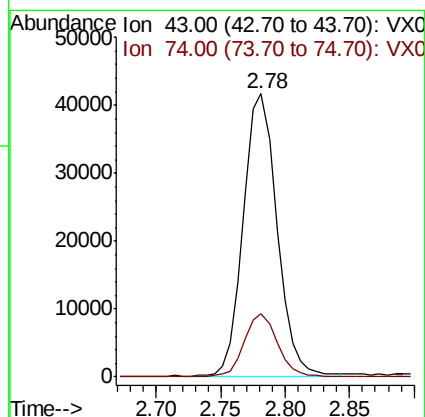
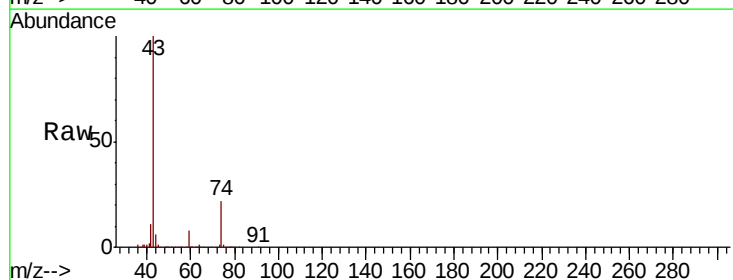
Instrument :
MSVOA_X
ClientSampleId :

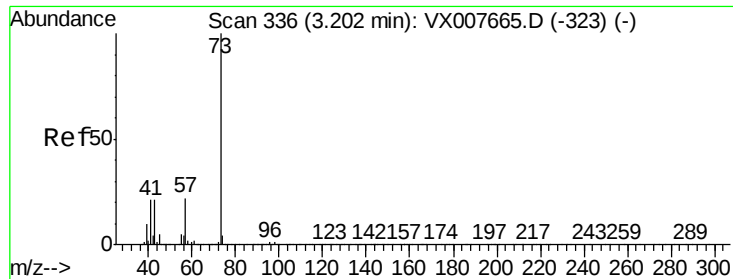
Tot Ion: 76 Resp: 117996
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7



#18
Methyl Acetate
Concen: 21.609 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007742.D
Acq: 27 Feb 2019 18:58

Tgt Ion: 43 Resp: 75314
Ion Ratio Lower Upper
43 100
74 22.4 19.4 29.2

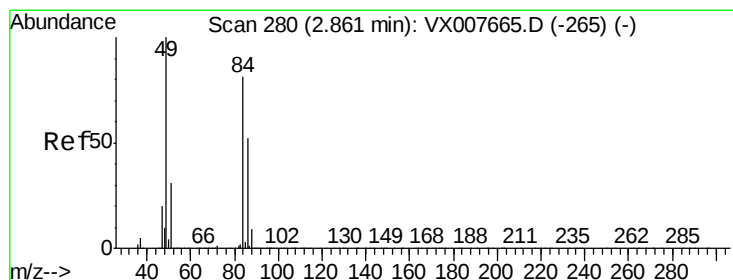
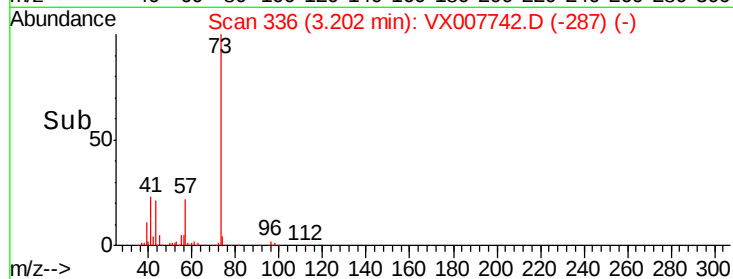
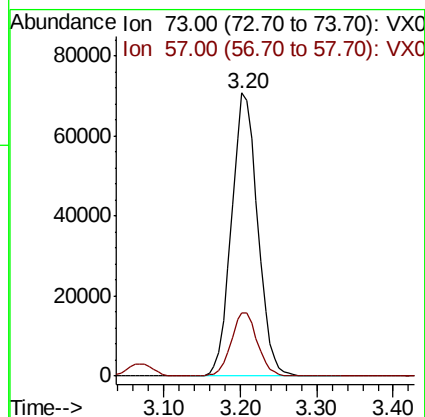
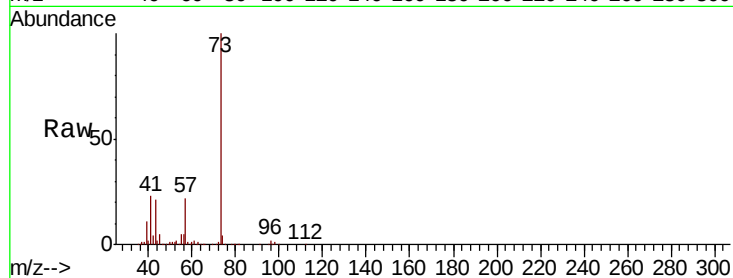




#19
Methvl tert-butvl Ether
Concen: 18.909 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX007742.D
Acq: 27 Feb 2019 18:58

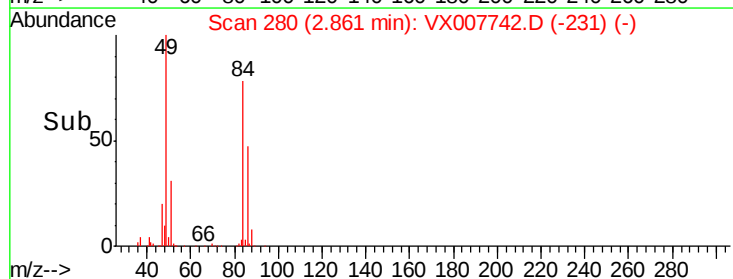
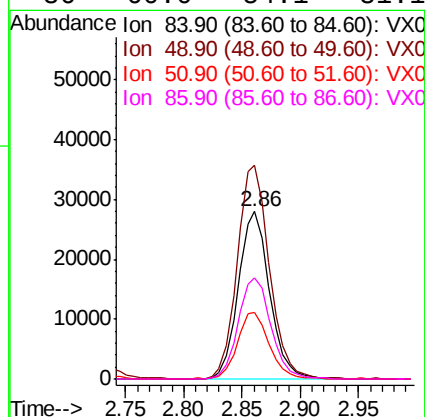
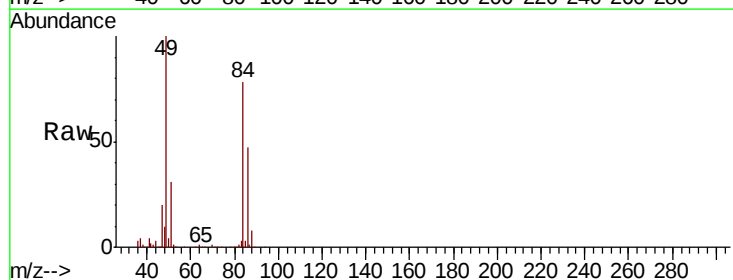
Instrument :
MSVOA_X
ClientSampleId :

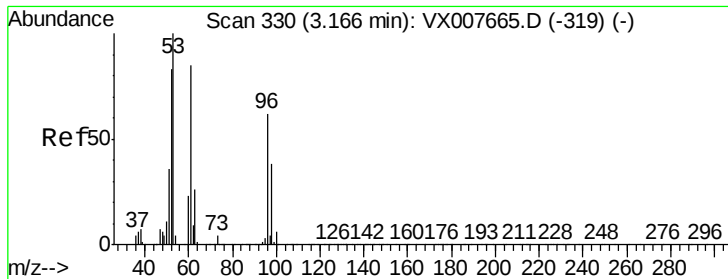
Tot Ion: 73 Resp: 167005
Ion Ratio Lower Upper
73 100
57 22.0 17.8 26.8



#20
Methylene Chloride
Concen: 17.774 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX007742.D
Acq: 27 Feb 2019 18:58

Tgt Ion: 84 Resp: 52419
Ion Ratio Lower Upper
84 100
49 127.4 94.8 142.2
51 39.5 29.8 44.8
86 60.0 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 17.684 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

Instrument :
MSVOA_X
ClientSampleId :

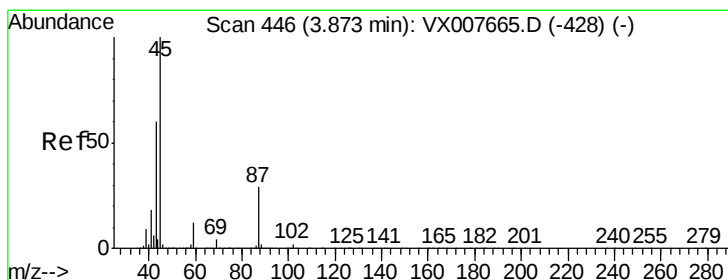
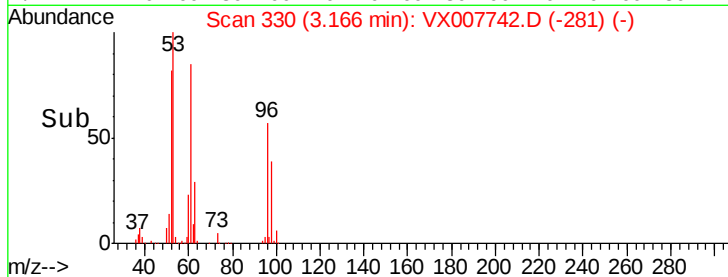
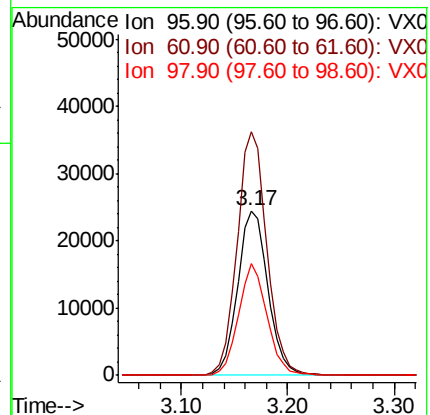
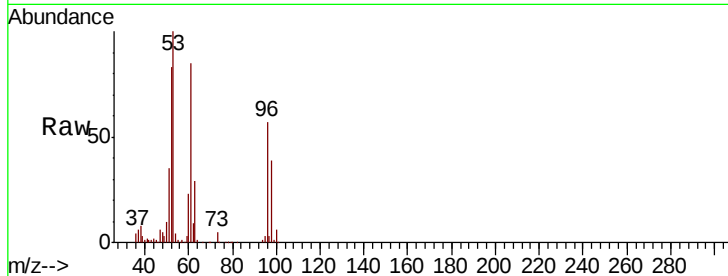
Tot Ion: 96 Resp: 48760

Ion Ratio Lower Upper

96 100

61 147.9 104.6 156.8

98 67.8 51.0 76.4



#22

Diisopropyl ether

Concen: 19.835 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

Tgt Ion: 45 Resp: 193639

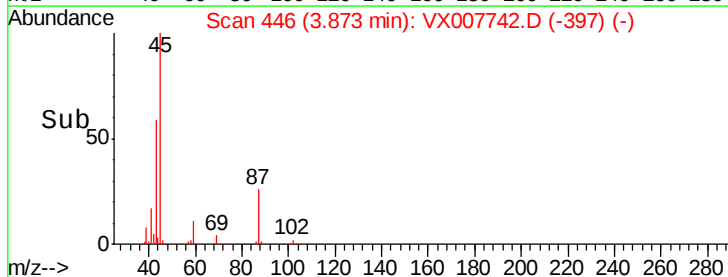
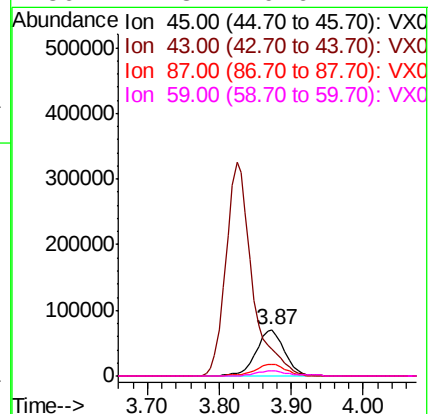
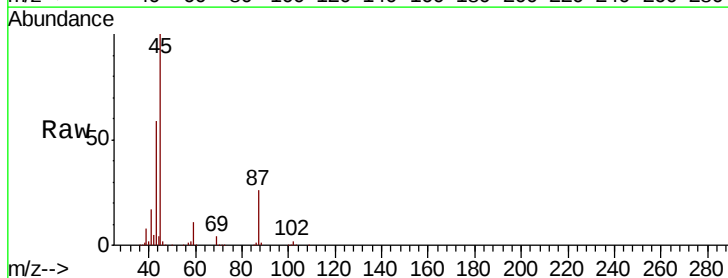
Ion Ratio Lower Upper

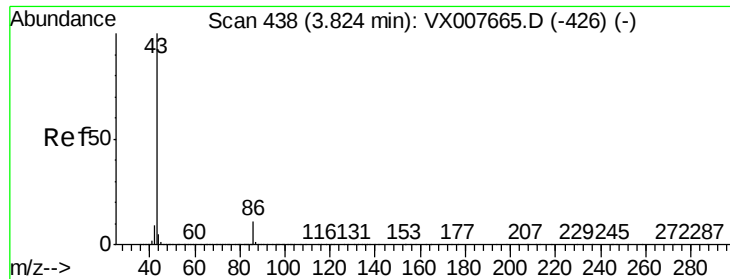
45 100

43 58.6 48.9 73.3

87 25.6 23.9 35.9

59 11.3 9.6 14.4

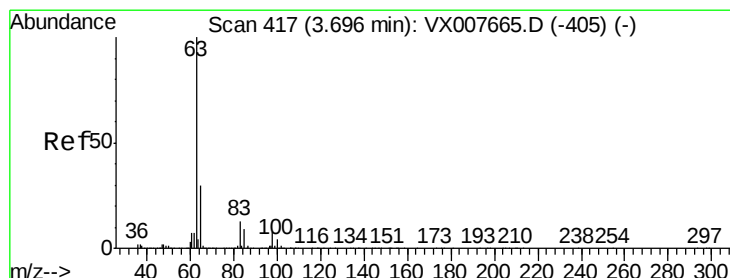
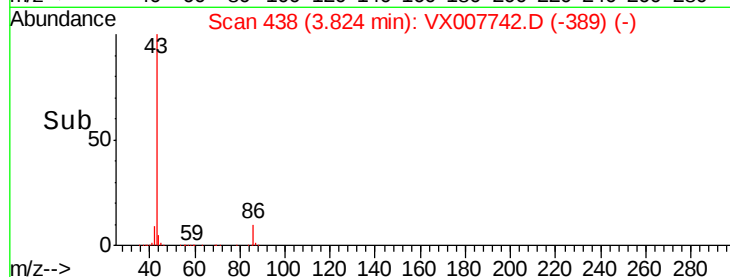
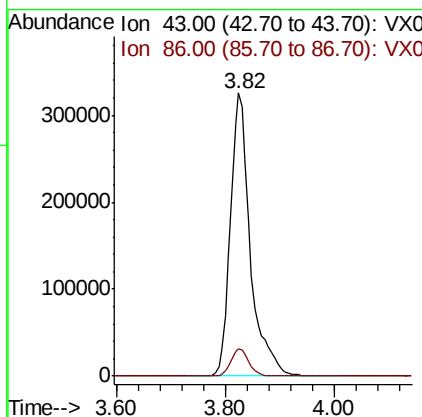
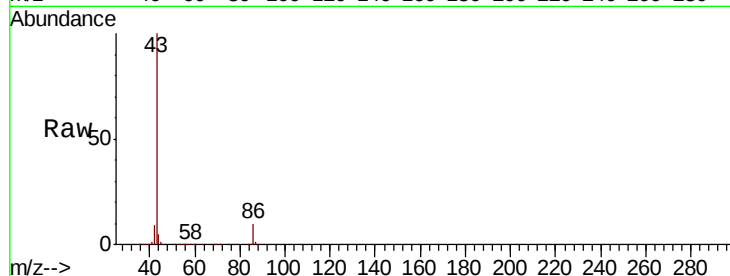




#23
 Vinyl Acetate
 Concen: 97.215 ug/l
 RT: 3.82 min Scan# 438
 Delta R.T. -0.00 min
 Lab File: VX007742.D
 Acq: 27 Feb 2019 18:58

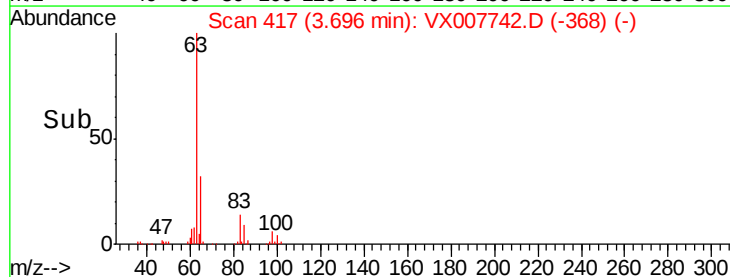
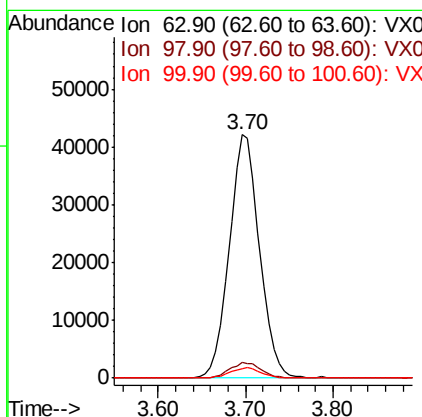
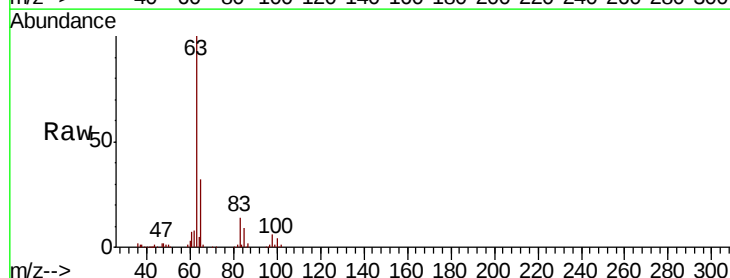
Instrument :
 MSVOA_X
 ClientSampleId :

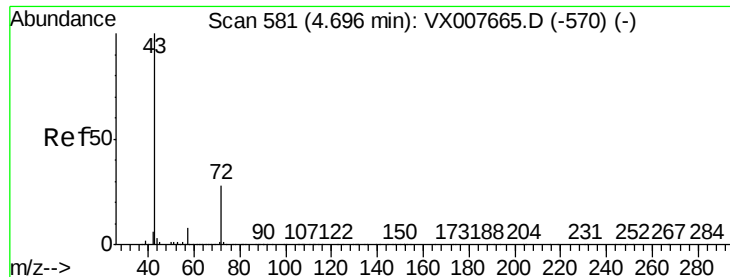
Tot Ion: 43 Resp: 832667
 Ion Ratio Lower Upper
 43 100
 86 9.6 8.7 13.1



#24
 1,1-Dichloroethane
 Concen: 18.996 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: VX007742.D
 Acq: 27 Feb 2019 18:58

Tgt Ion: 63 Resp: 100788
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.6 10.8
 100 4.1 2.5 7.4





#25

2-Butanone

Concen: 101.589 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.00 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

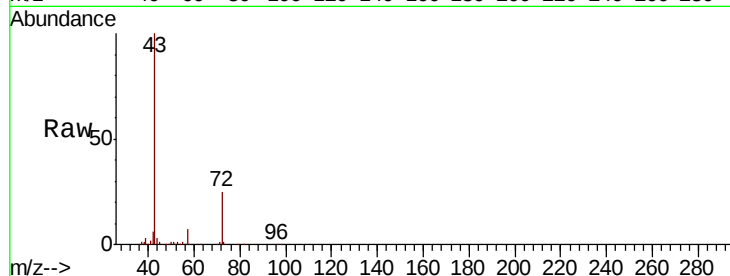
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 247160

Ion Ratio Lower Upper

43 100

72 24.6 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.70

80000

60000

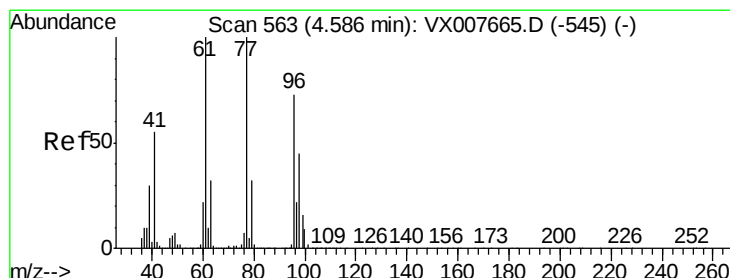
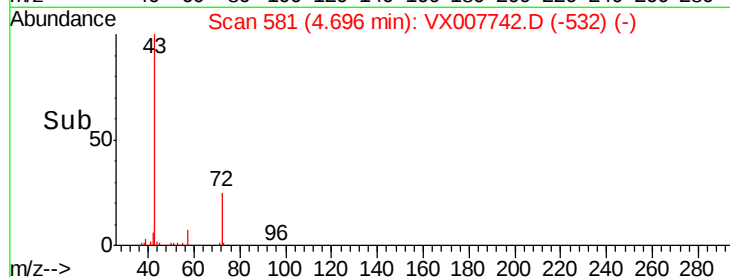
40000

20000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 16.065 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX007742.D

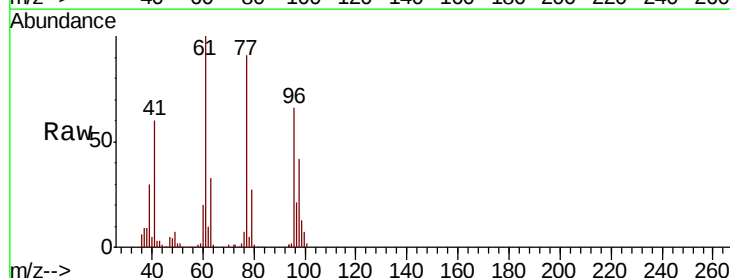
Acq: 27 Feb 2019 18:58

Tgt Ion: 77 Resp: 68040

Ion Ratio Lower Upper

77 100

97 23.9 12.1 36.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

25000

20000

15000

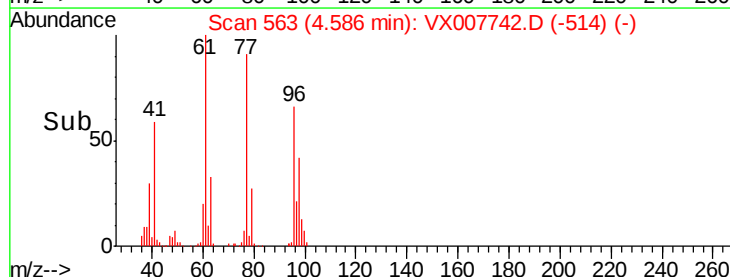
10000

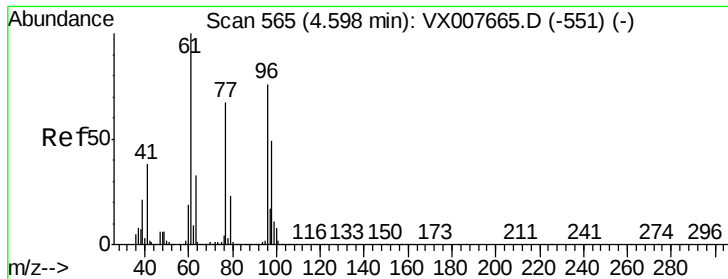
5000

0

4.50 4.60 4.70

Time-->



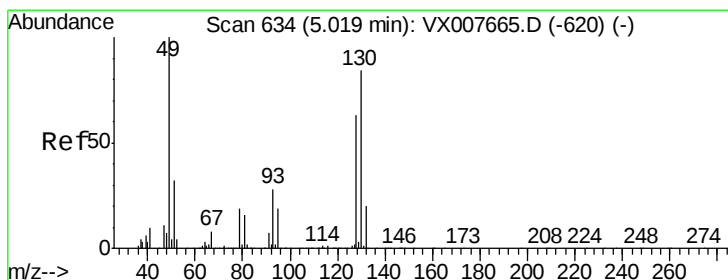
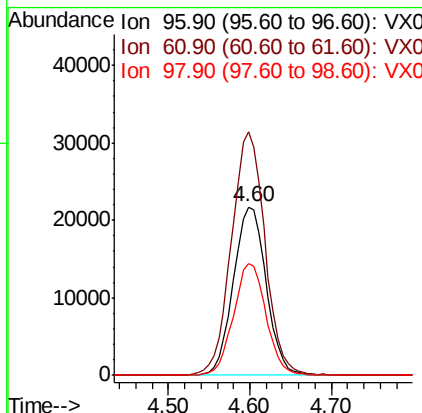
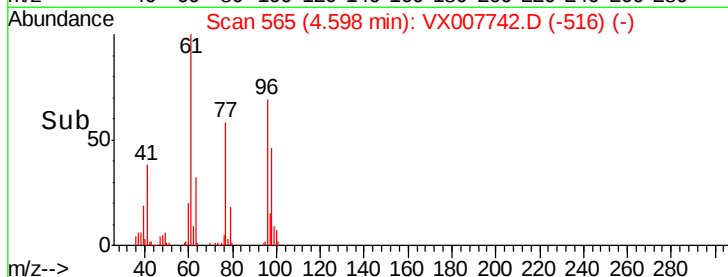
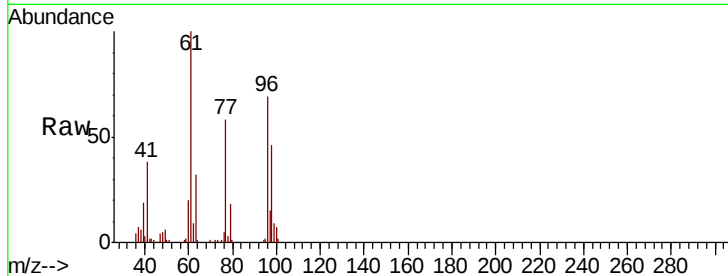


#27

cis-1,2-Dichloroethene
 Concen: 17.286 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX007742.D
 Acq: 27 Feb 2019 18:58

Instrument :
 MSVOA_X
 ClientSampleId :

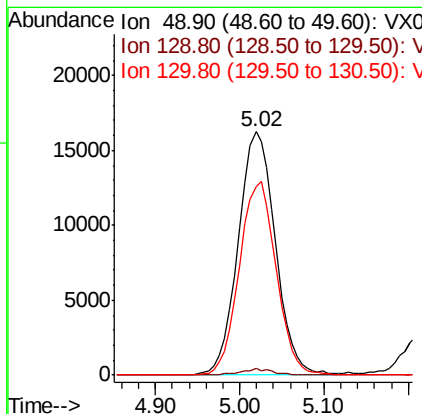
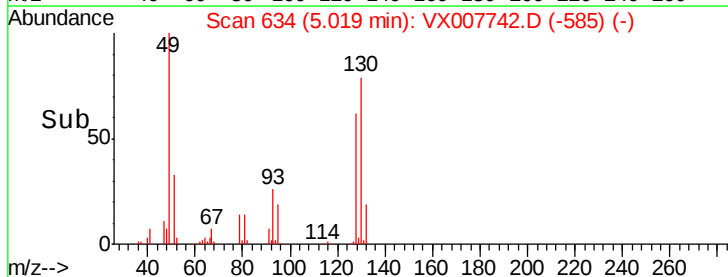
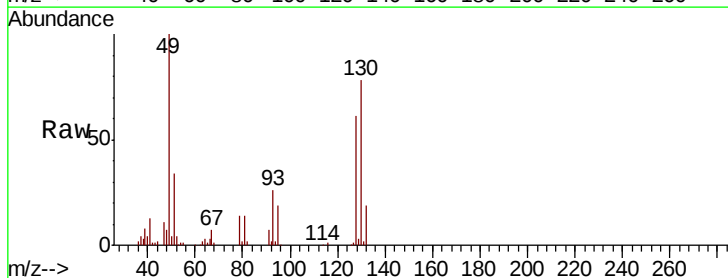
Tot Ion	Ratio	Lower	Upper
96	100		
61	147.5	0.0	265.6
98	65.6	0.0	131.6

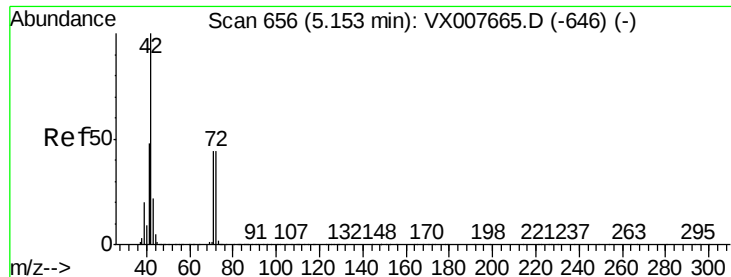


#28

Bromochloromethane
 Concen: 18.827 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX007742.D
 Acq: 27 Feb 2019 18:58

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	5.6
130	78.7	75.6	113.4





#29

Tetrahydrofuran

Concen: 100.576 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

Instrument :

MSVOA_X

ClientSampleId :

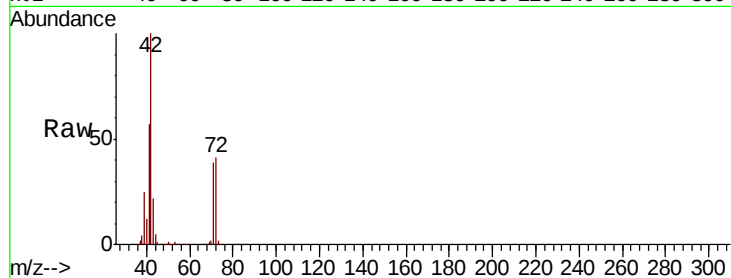
Tot Ion: 42 Resp: 161296

Ion Ratio Lower Upper

42 100

72 41.7 37.6 56.4

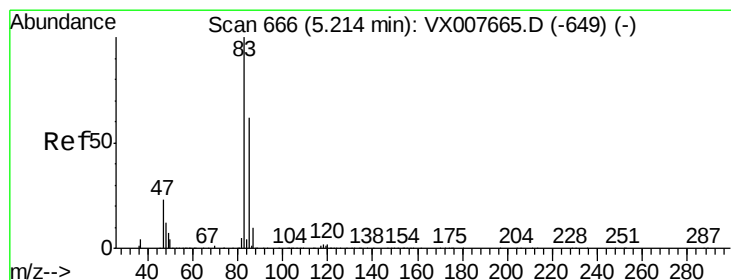
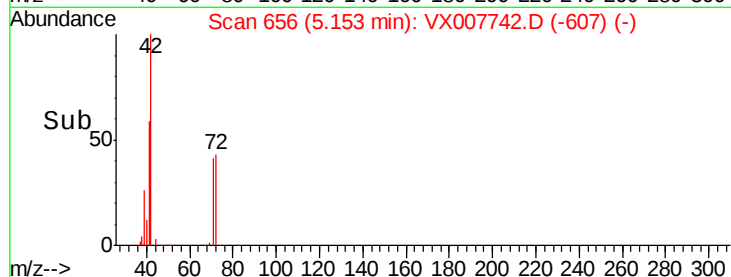
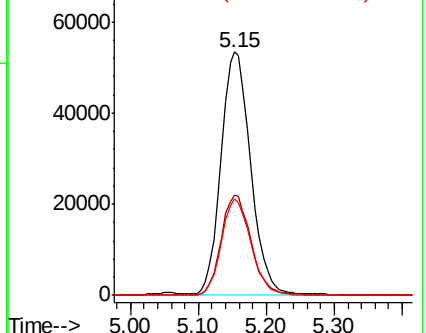
71 39.3 34.6 51.8



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: 17.909 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX007742.D

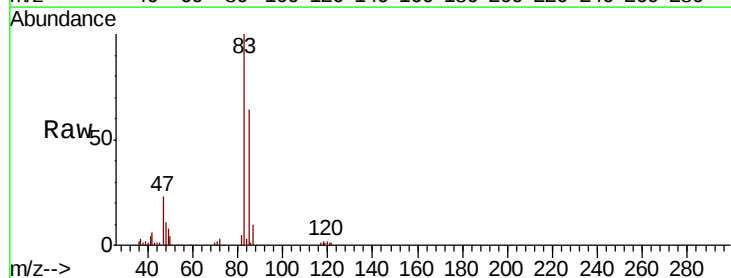
Acq: 27 Feb 2019 18:58

Tgt Ion: 83 Resp: 101784

Ion Ratio Lower Upper

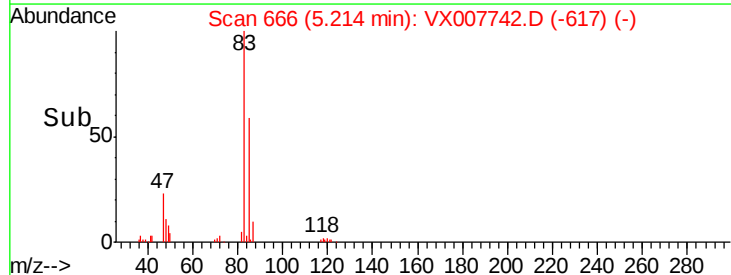
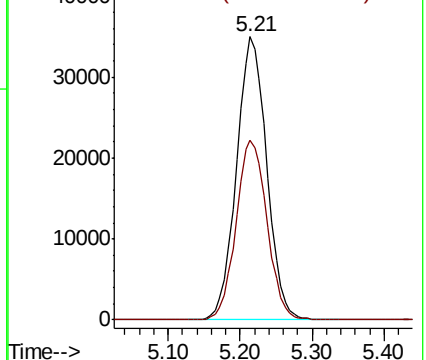
83 100

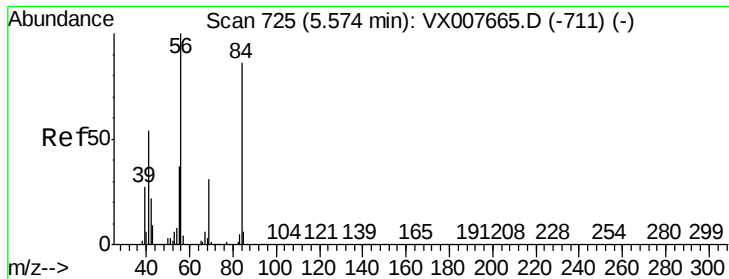
85 63.6 51.6 77.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

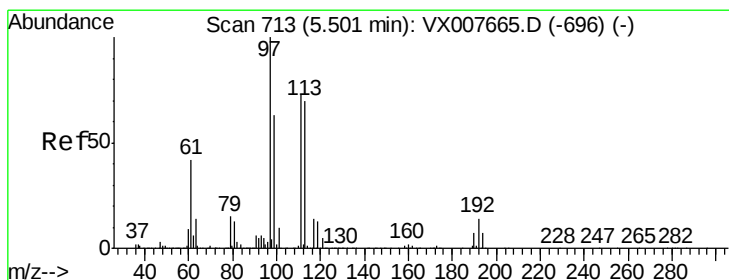
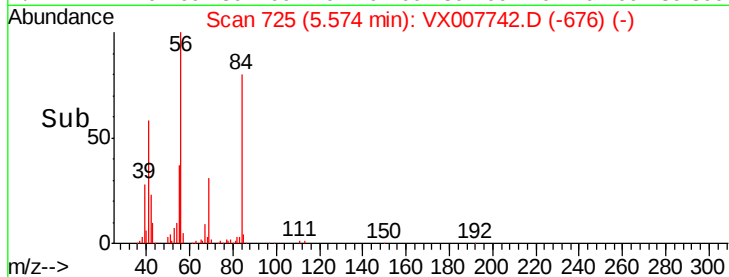
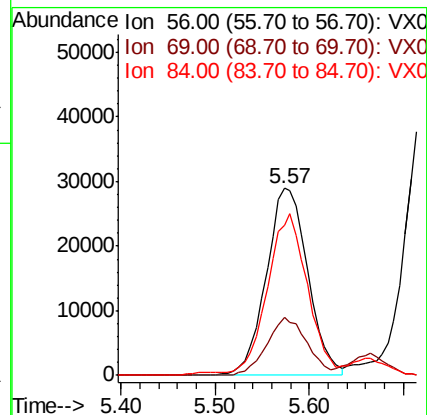
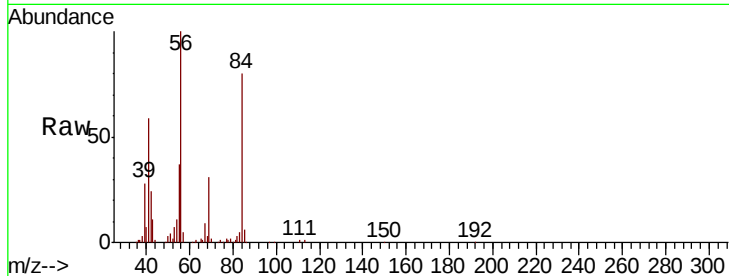




#31
Cyclohexane
Concen: 17.875 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX007742.D
Acq: 27 Feb 2019 18:58

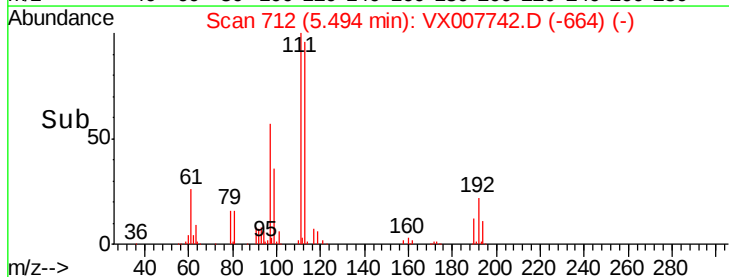
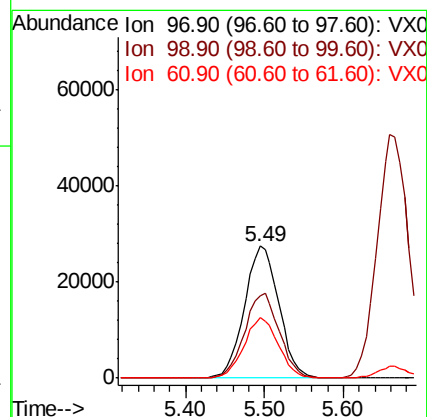
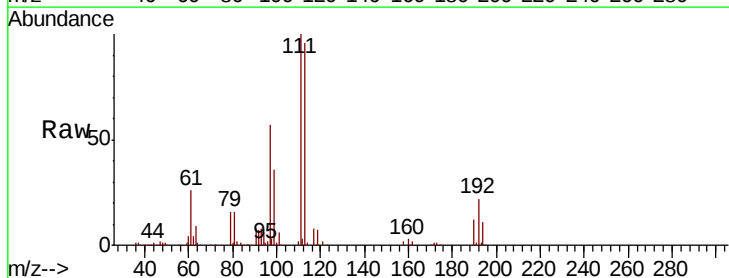
Instrument :
MSVOA_X
ClientSampleId :

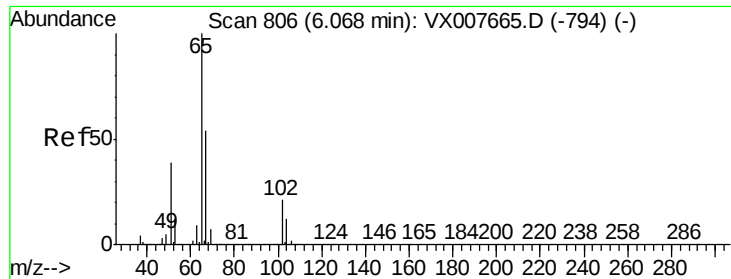
Tot Ion: 56 Resp: 89208
Ion Ratio Lower Upper
56 100
69 30.9 23.0 34.6
84 79.2 69.8 104.6



#32
1,1,1-Trichloroethane
Concen: 17.708 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX007742.D
Acq: 27 Feb 2019 18:58

Tgt Ion: 97 Resp: 83232
Ion Ratio Lower Upper
97 100
99 64.5 52.2 78.2
61 45.7 32.7 49.1





#33

1,2-Dichloroethane-d4

Concen: 50.524 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

Instrument :

MSVOA_X

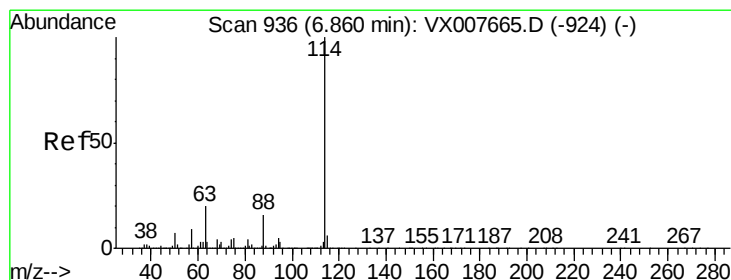
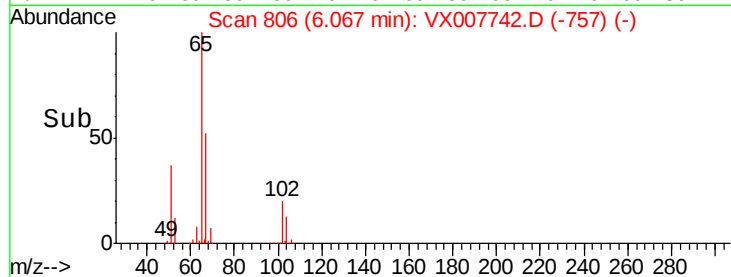
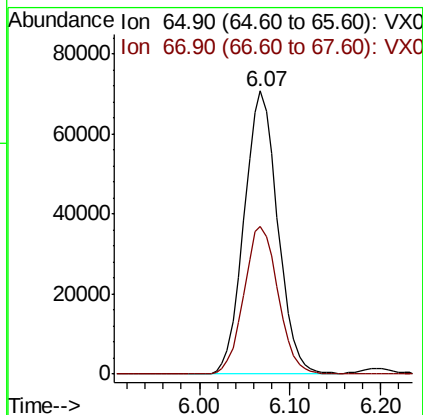
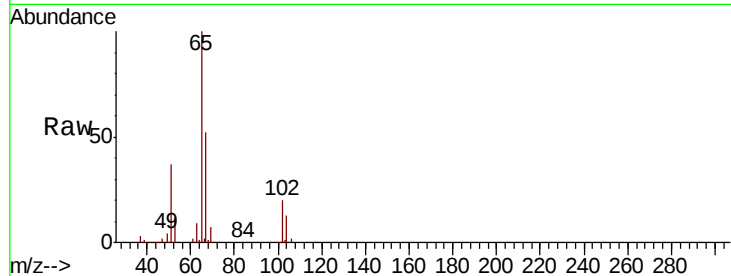
ClientSampleId :

Tot Ion: 65 Resp: 181461

Ion Ratio Lower Upper

65 100

67 53.2 0.0 108.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

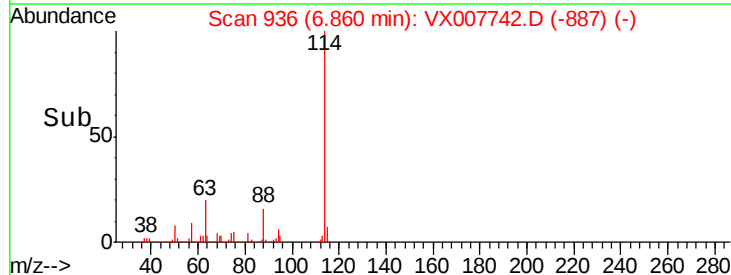
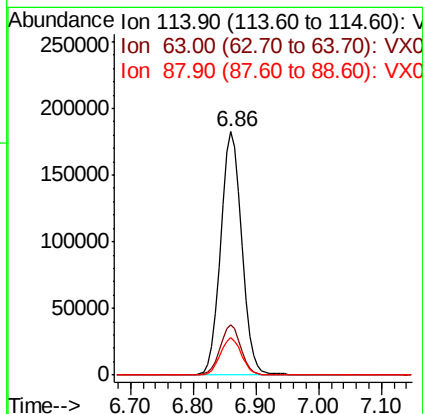
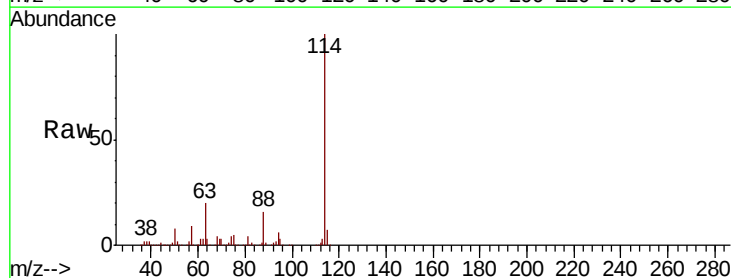
Tgt Ion: 114 Resp: 426677

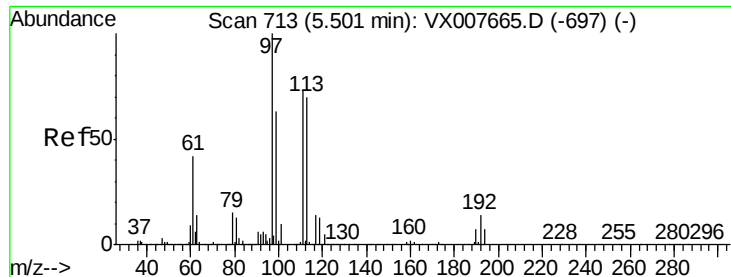
Ion Ratio Lower Upper

114 100

63 20.5 0.0 35.6

88 15.6 0.0 29.6

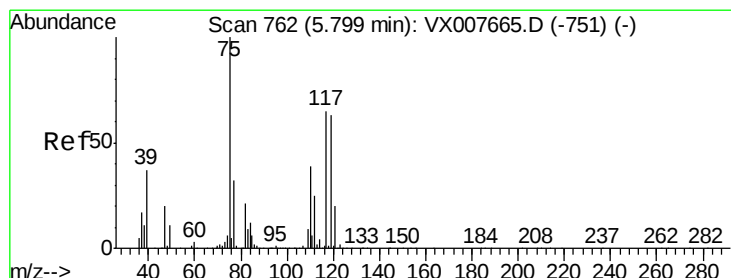
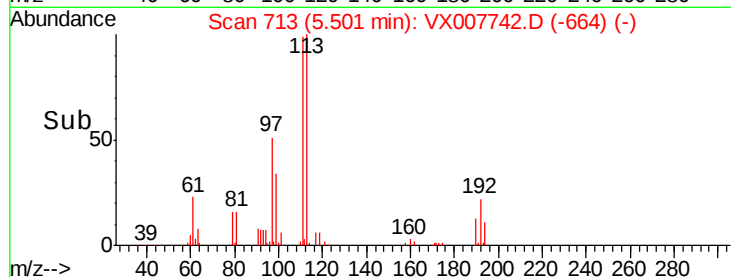
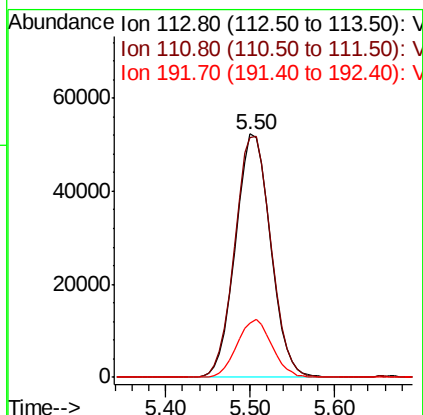
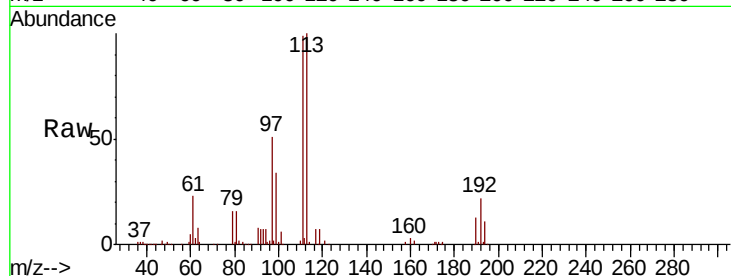




#35
 Dibromofluoromethane
 Concen: 51.553 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX007742.D
 Acq: 27 Feb 2019 18:58

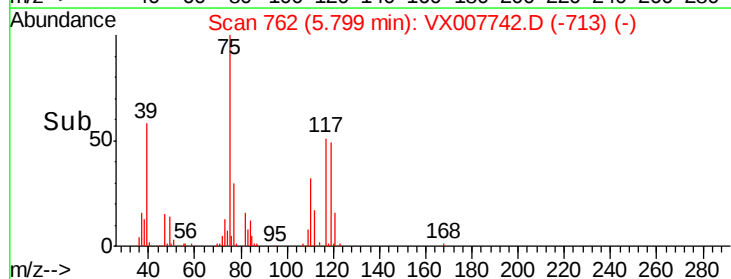
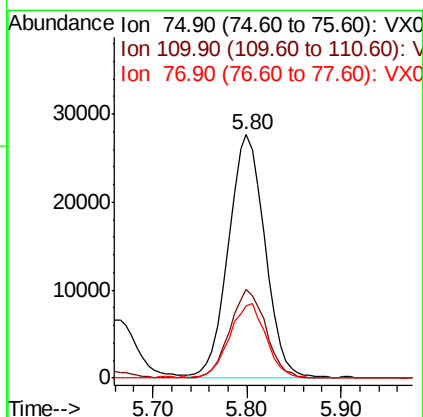
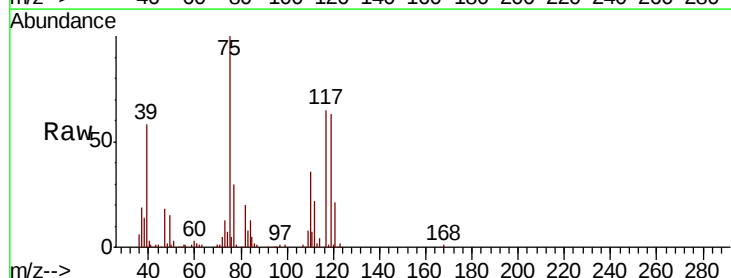
Instrument :
 MSVOA_X
 ClientSampleId :

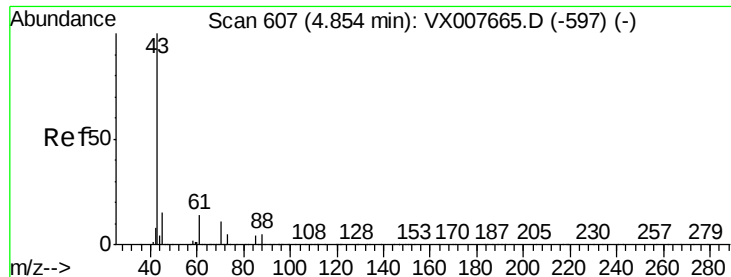
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.8	122.8
192	23.8	18.5	27.7



#36
 1,1-Dichloropropene
 Concen: 19.368 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX007742.D
 Acq: 27 Feb 2019 18:58

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.3	20.0	59.9
77	31.0	24.7	37.1

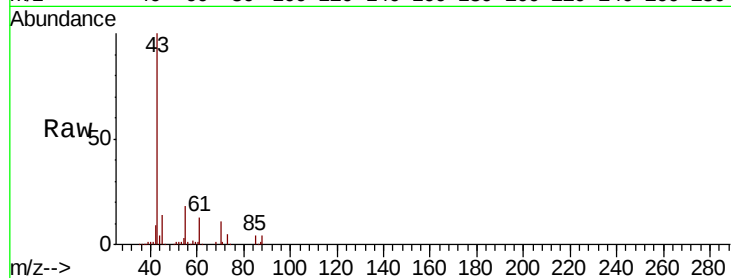




#37
Ethyl Acetate
Concen: 21.492 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX007742.D
Acq: 27 Feb 2019 18:58

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.3	16.9
70	10.9	8.6	13.0

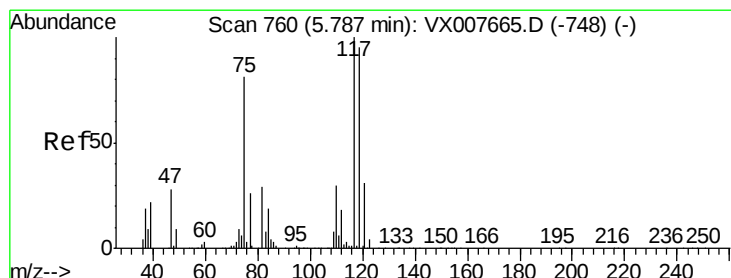
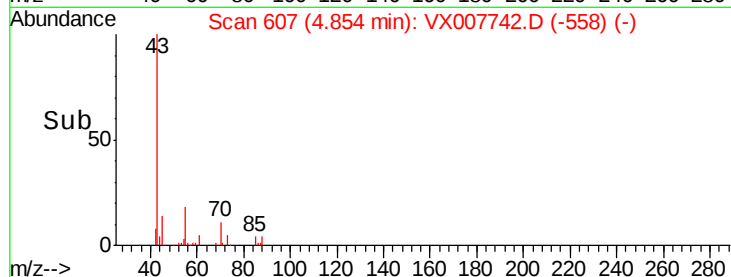
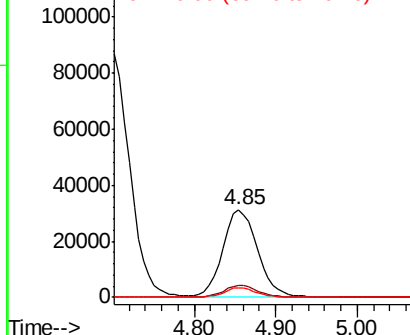


Abundance

Ion 43.00 (42.70 to 43.70): VX0

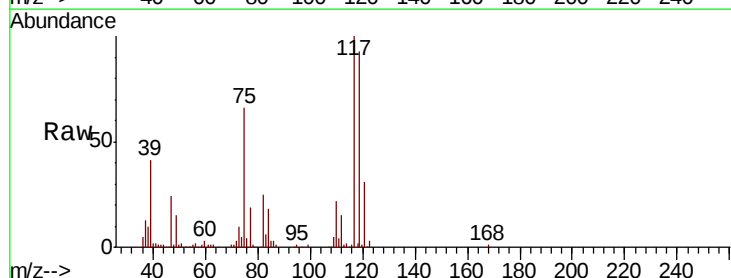
Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38
Carbon Tetrachloride
Concen: 18.792 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX007742.D
Acq: 27 Feb 2019 18:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.5	75.3	112.9
121	31.5	25.0	37.4

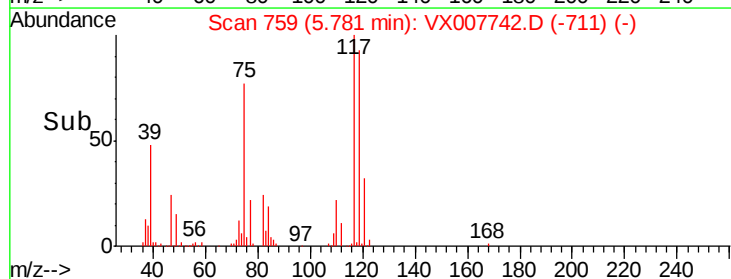
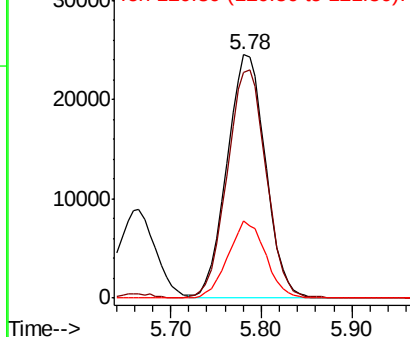


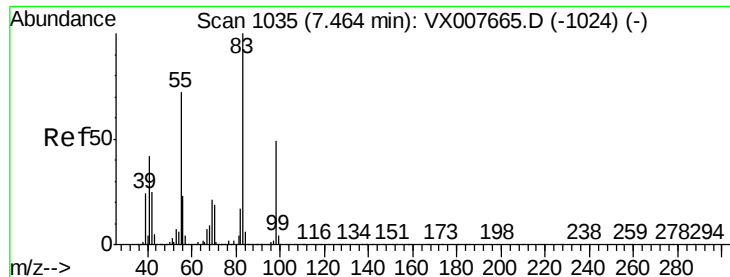
Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

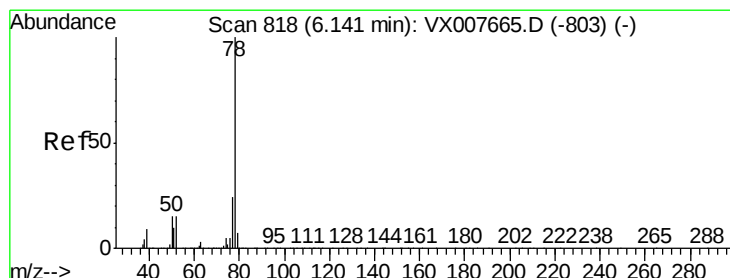
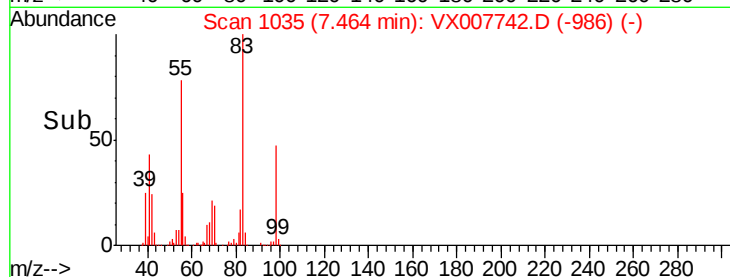
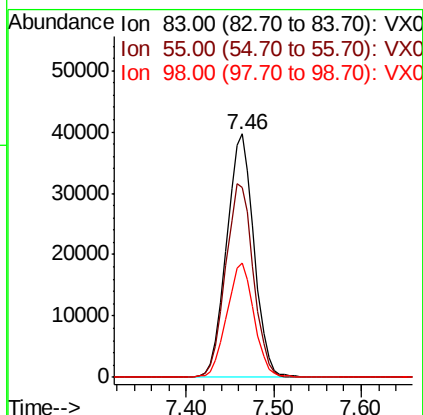
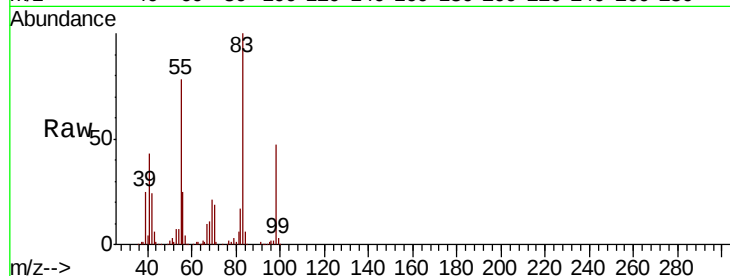




#39
Methvlcvclohexane
Concen: 17.830 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007742.D
Acq: 27 Feb 2019 18:58

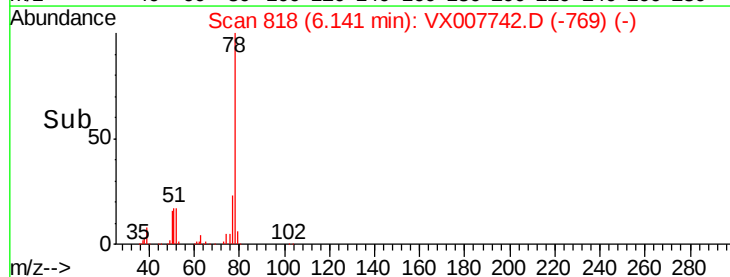
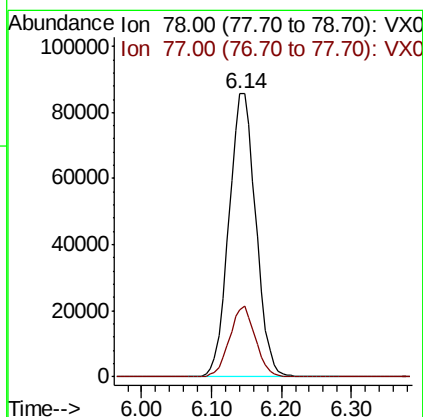
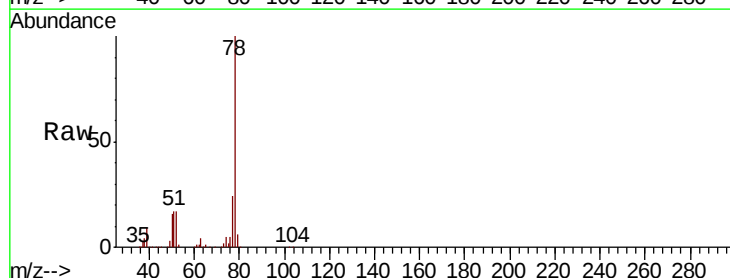
Instrument :
MSVOA_X
ClientSampleId :

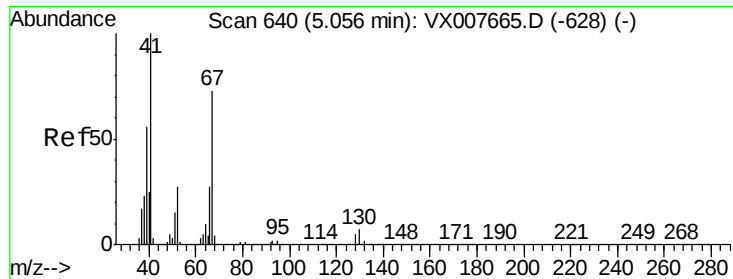
Tot Ion	83	Resp	86442
Ion Ratio	Lower	Upper	
83	100		
55	78.2	56.2	84.2
98	46.8	36.8	55.2



#40
Benzene
Concen: 19.372 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007742.D
Acq: 27 Feb 2019 18:58

Tgt Ion	78	Resp	229392
Ion Ratio	Lower	Upper	
78	100		
77	23.8	19.3	28.9

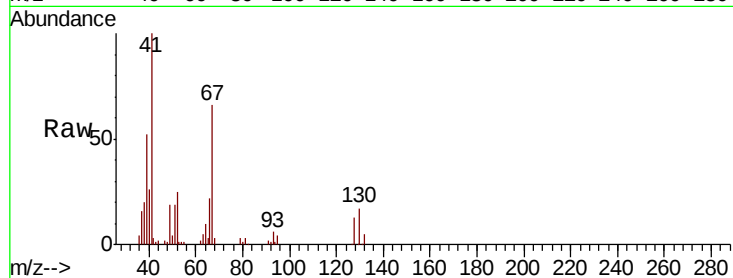




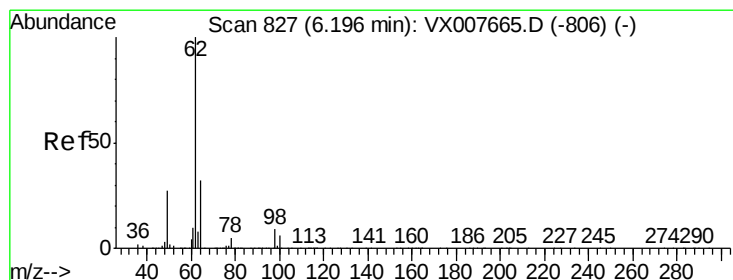
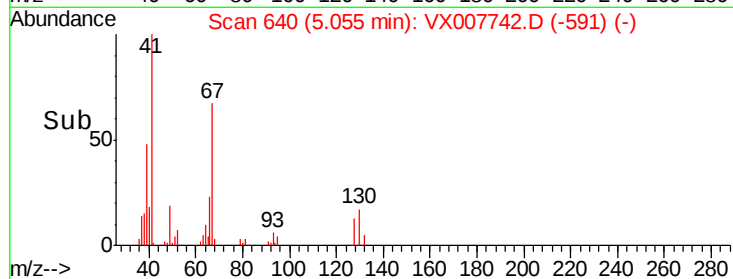
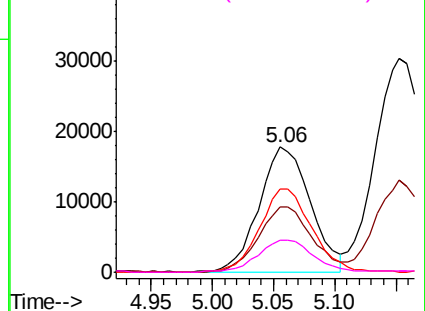
#41
Methacrylonitrile
Concen: 22.991 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.00 min
Lab File: VX007742.D
Acq: 27 Feb 2019 18:58

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	52313
Ion	Ratio	Lower	Upper
41	100		
39	53.9	44.5	66.7
67	67.3	60.4	90.6
52	27.8	24.1	36.1

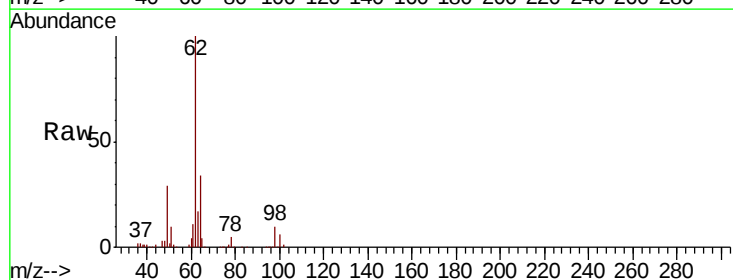


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

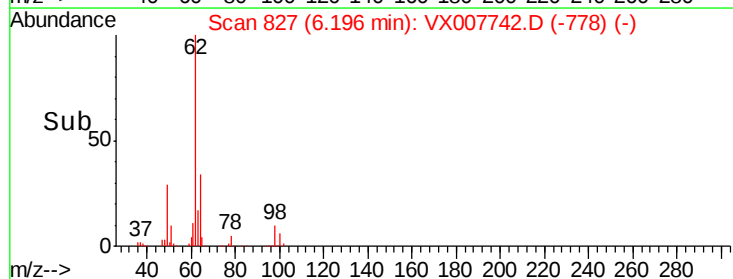
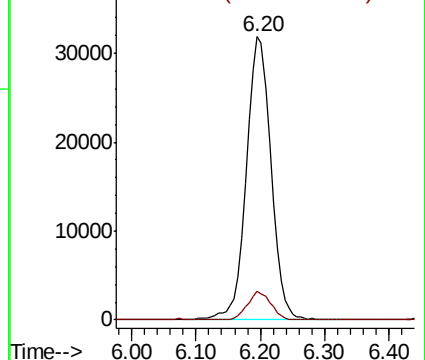


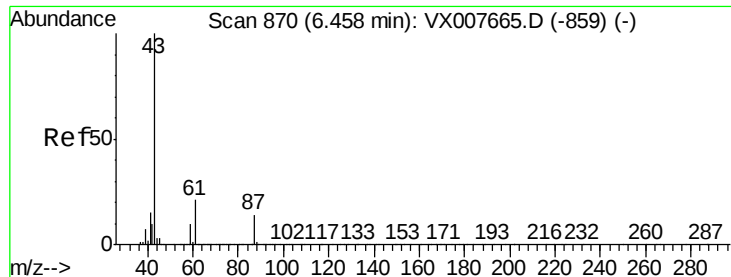
#42
1,2-Dichloroethane
Concen: 20.977 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX007742.D
Acq: 27 Feb 2019 18:58

Tgt Ion:	62	Resp:	83487
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.0



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



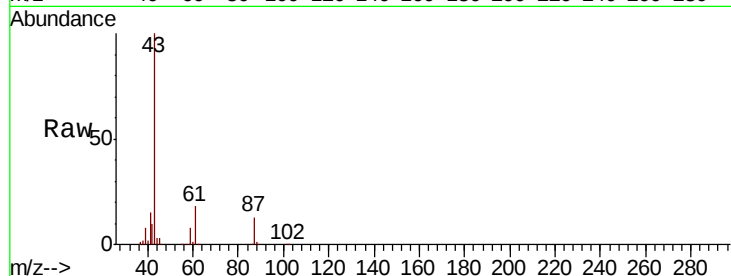


#43

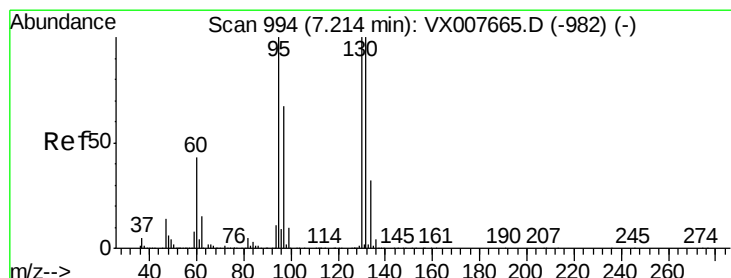
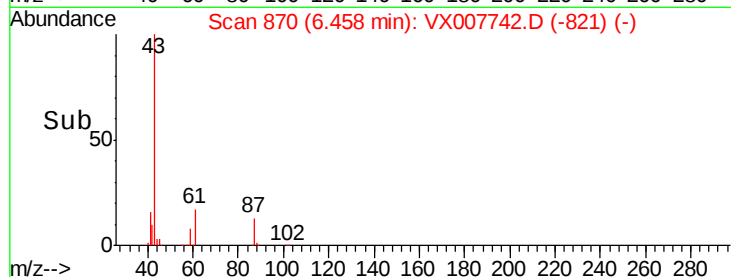
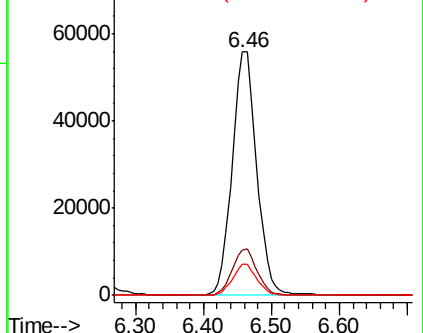
Isopropyl Acetate
 Concen: 21.256 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: VX007742.D
 Acq: 27 Feb 2019 18:58

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.4	16.1	24.1
87	12.7	11.5	17.3



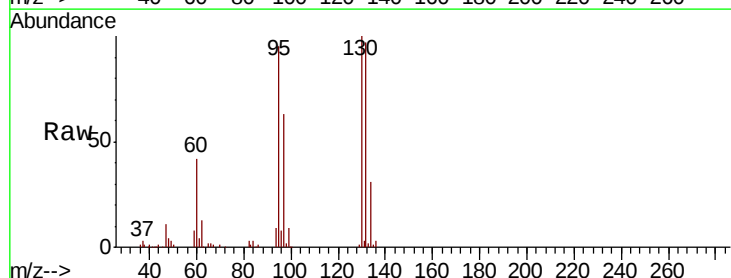
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



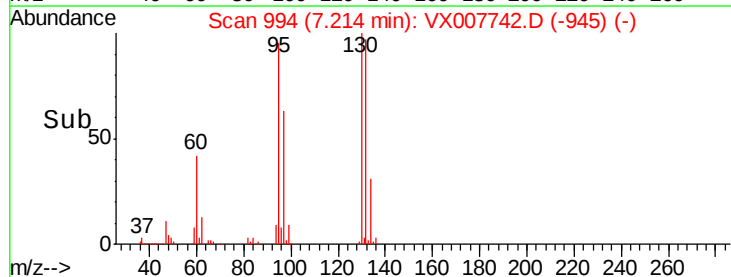
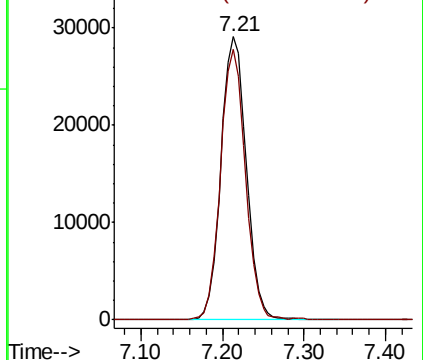
#44

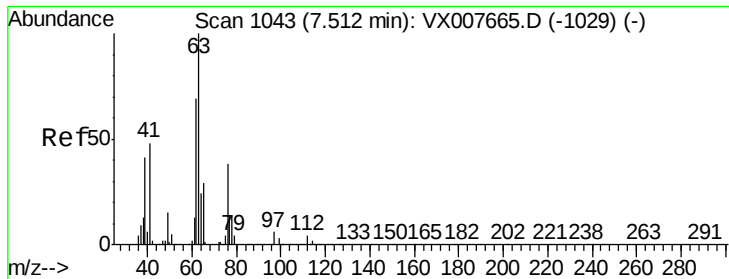
Trichloroethene
 Concen: 19.255 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX007742.D
 Acq: 27 Feb 2019 18:58

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.4	0.0	180.0



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





#45

1,2-Dichloropropane

Concen: 20.077 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

Instrument :

MSVOA_X

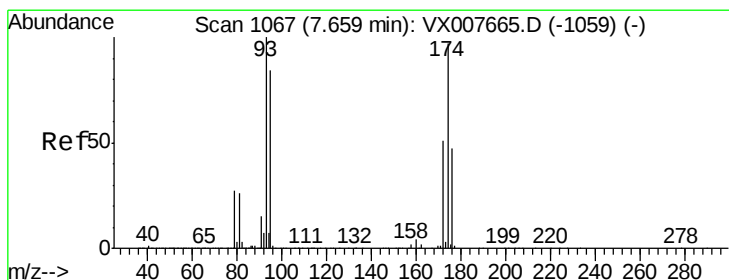
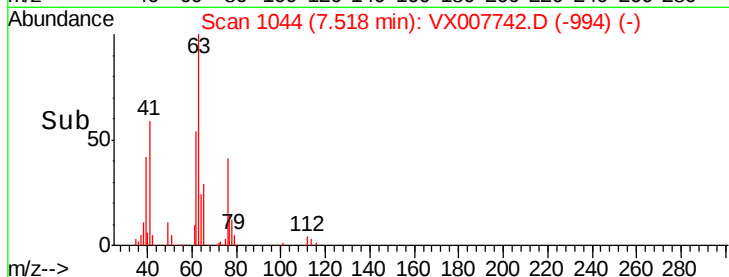
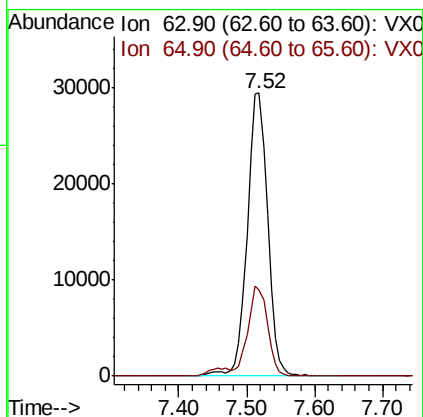
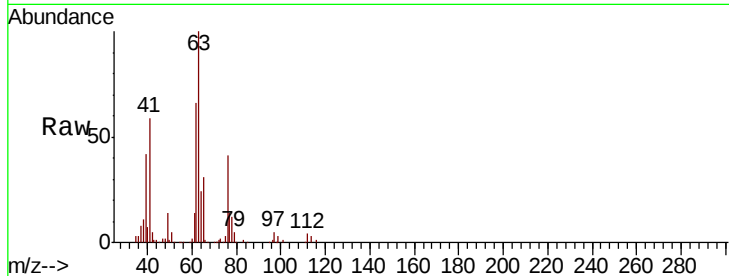
ClientSampleId :

Tot Ion: 63 Resp: 61585

Ion Ratio Lower Upper

63 100

65 30.6 24.2 36.2



#46

Dibromomethane

Concen: 18.265 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

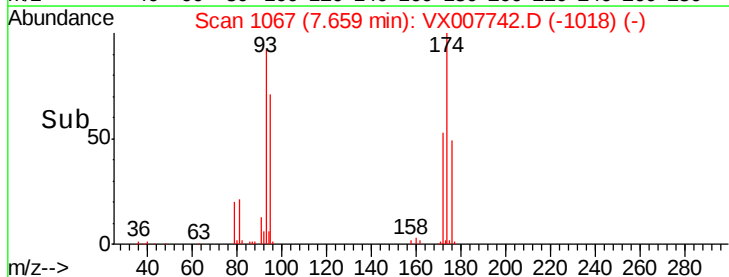
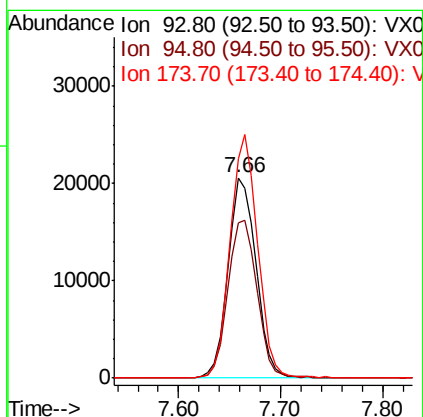
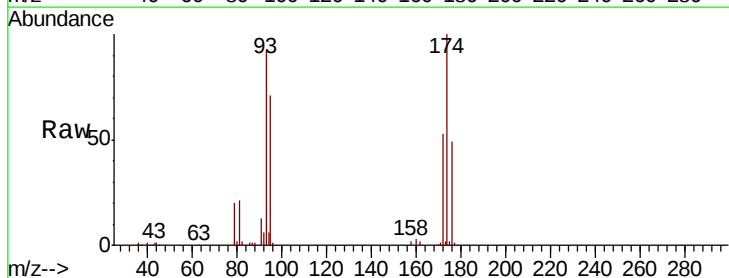
Tgt Ion: 93 Resp: 39086

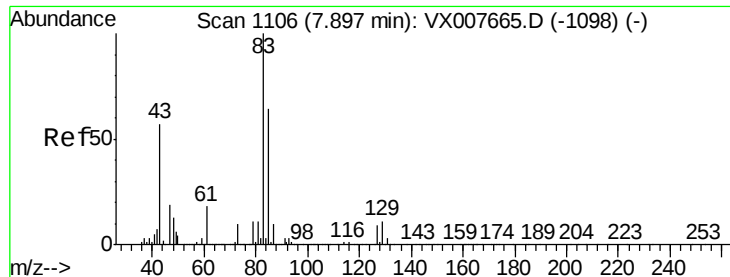
Ion Ratio Lower Upper

93 100

95 81.9 67.6 101.4

174 119.3 94.2 141.4





#47

Bromodichloromethane

Concen: 18.928 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

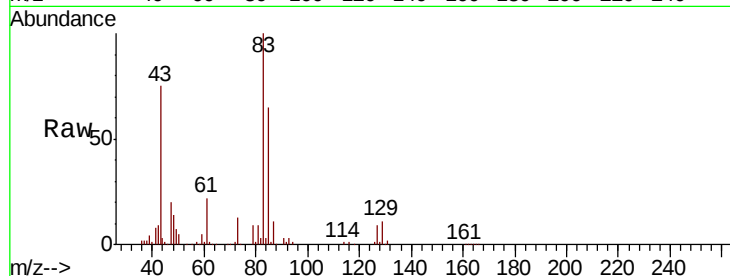
Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 70193

Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.4	77.0
127	8.9	8.1	12.1

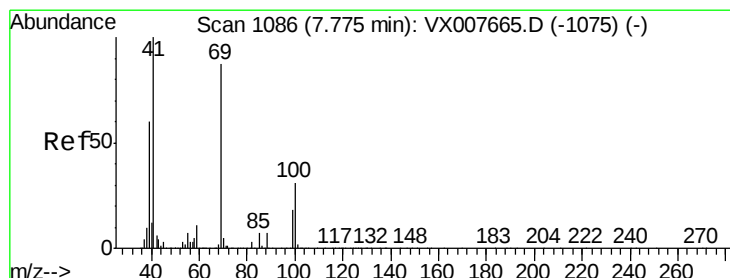
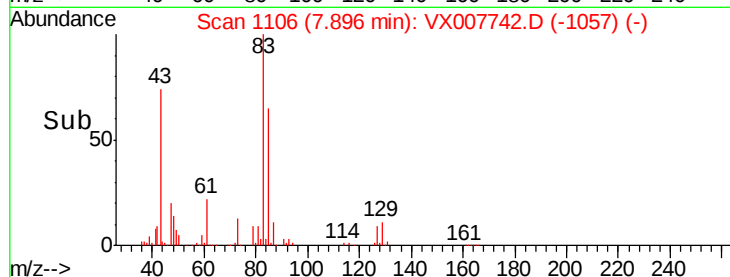
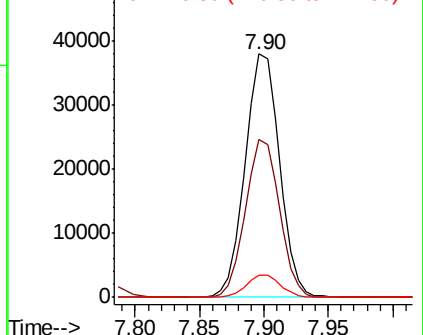


Abundance

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: 21.562 ug/l

RT: 7.77 min Scan# 1086

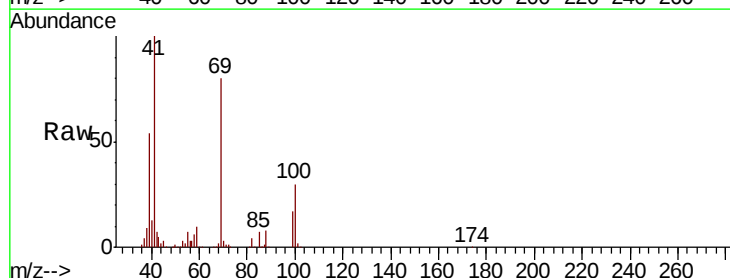
Delta R.T. -0.00 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

Tgt Ion: 41 Resp: 74124

Ion	Ratio	Lower	Upper
41	100		
69	79.6	70.2	105.4
39	54.4	47.4	71.0

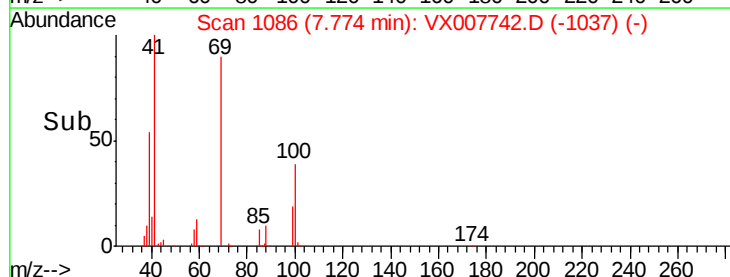
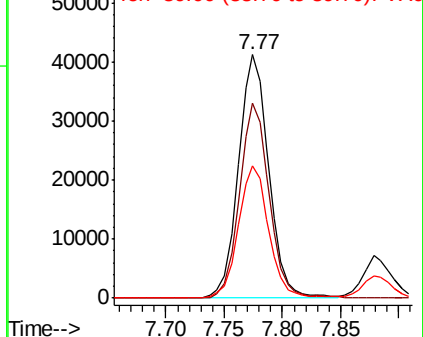


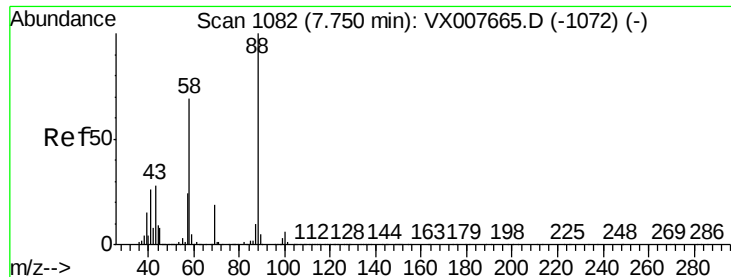
Abundance

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: 391.621 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.00 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

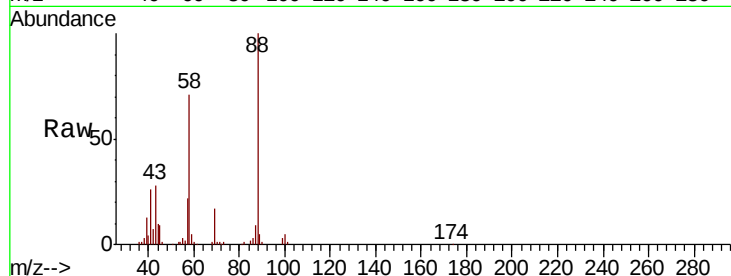
Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 88 Resp: 29077

Ion	Ratio	Lower	Upper
88	100		
43	33.7	24.2	36.4
58	73.0	53.0	79.4

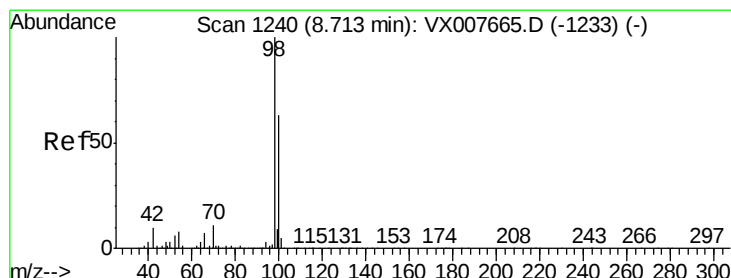
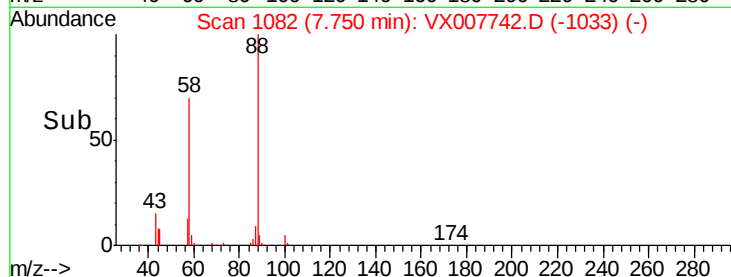
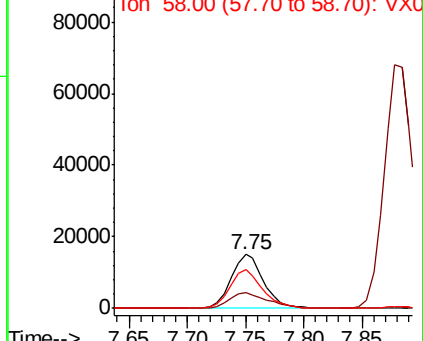


Abundance

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: 50.776 ug/l

RT: 8.71 min Scan# 1240

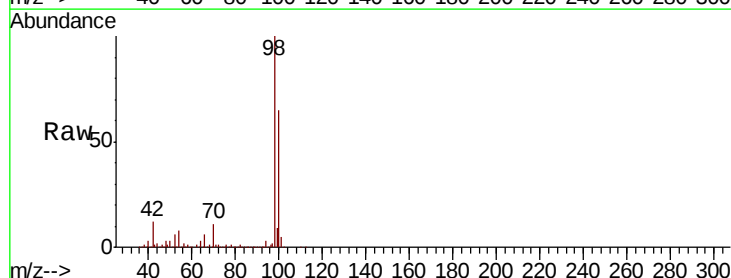
Delta R.T. -0.00 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

Tgt Ion: 98 Resp: 554443

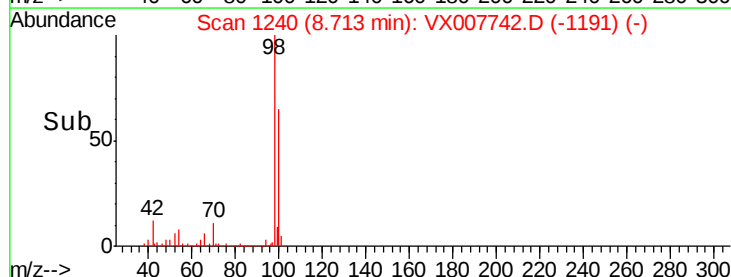
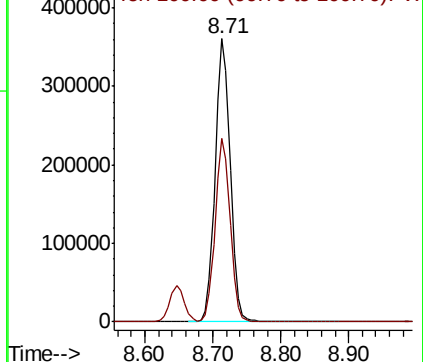
Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.6	77.4

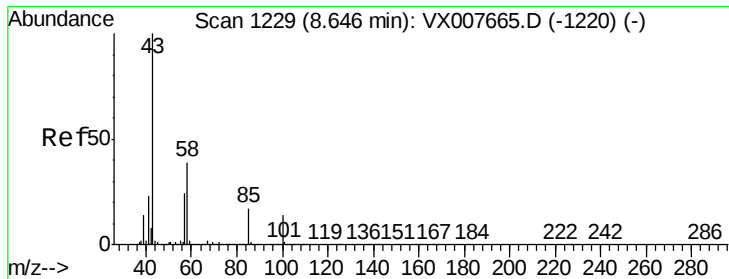


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 107.253 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

Instrument :

MSVOA_X

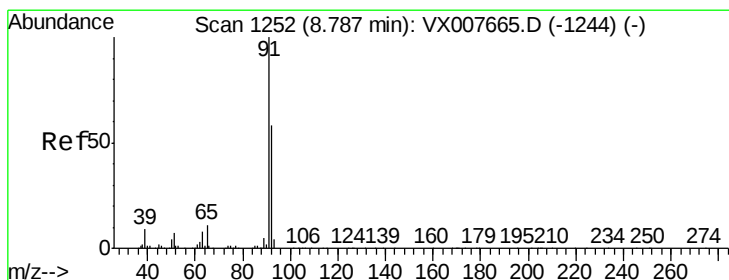
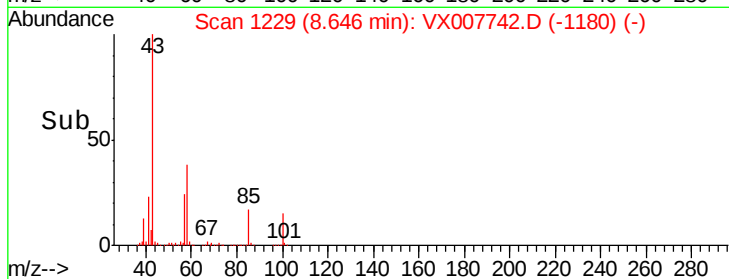
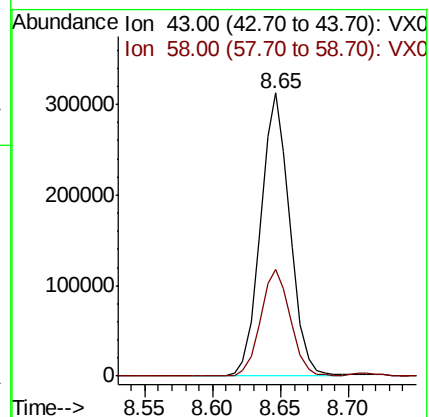
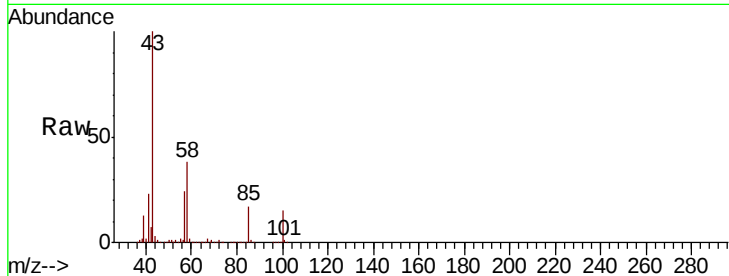
ClientSampleId :

Tot Ion: 43 Resp: 470825

Ion Ratio Lower Upper

43 100

58 38.4 31.2 46.8



#52

Toluene

Concen: 19.057 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX007742.D

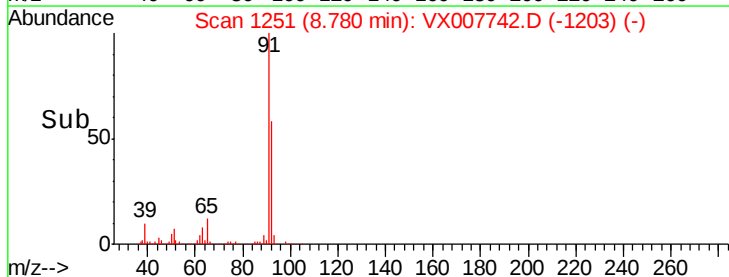
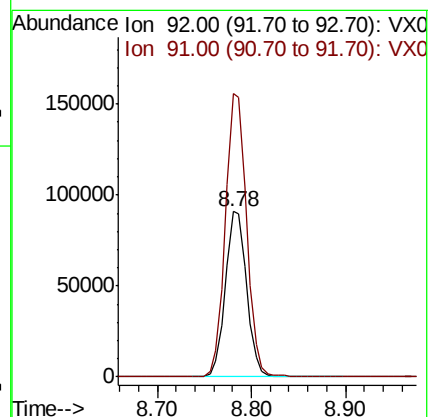
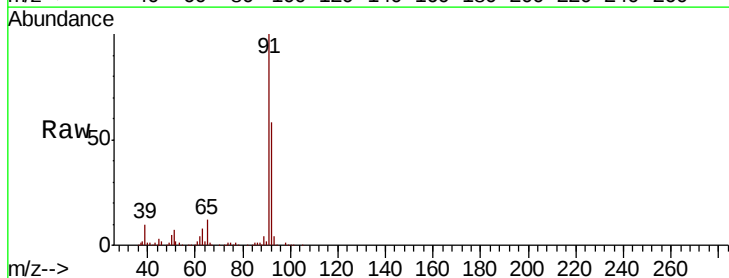
Acq: 27 Feb 2019 18:58

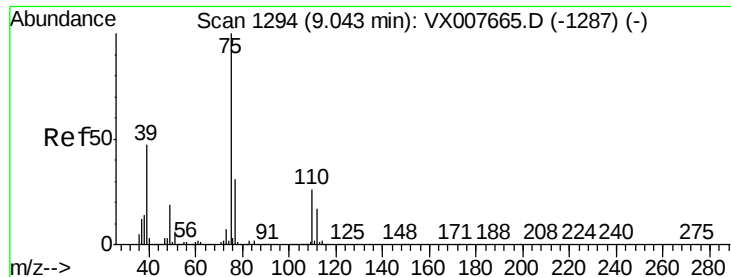
Tgt Ion: 92 Resp: 142298

Ion Ratio Lower Upper

92 100

91 171.7 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 18.160 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

Instrument :

MSVOA_X

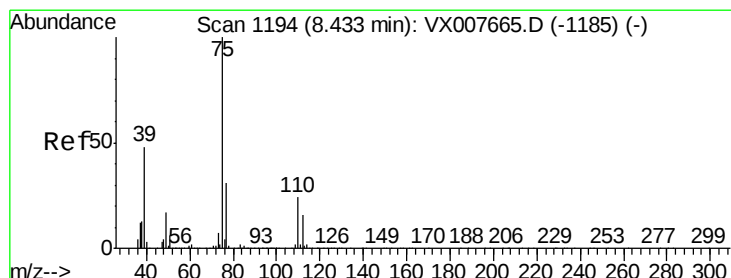
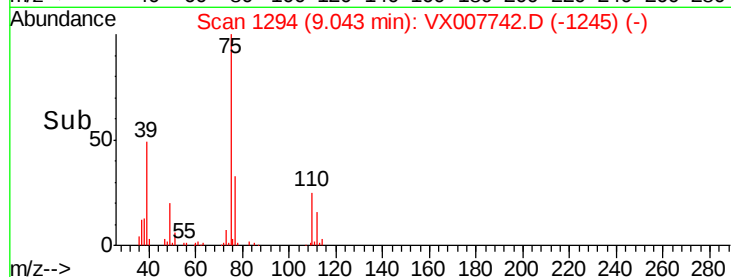
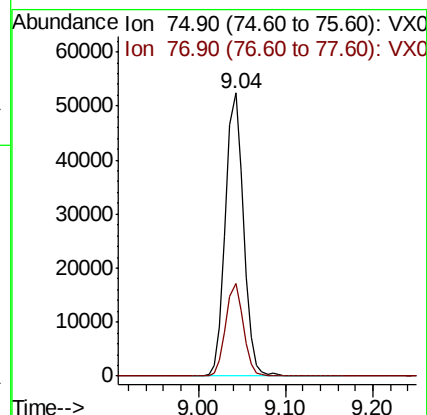
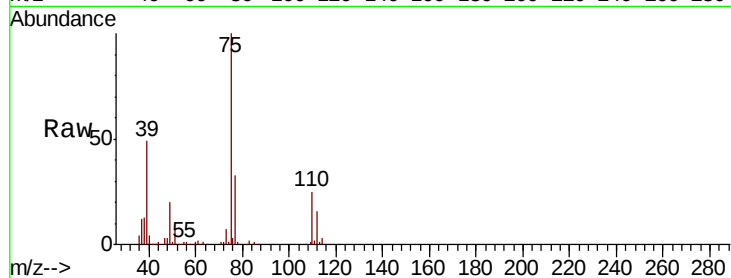
ClientSampleId :

Tot Ion: 75 Resp: 75006

Ion Ratio Lower Upper

75 100

77 32.6 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 18.838 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

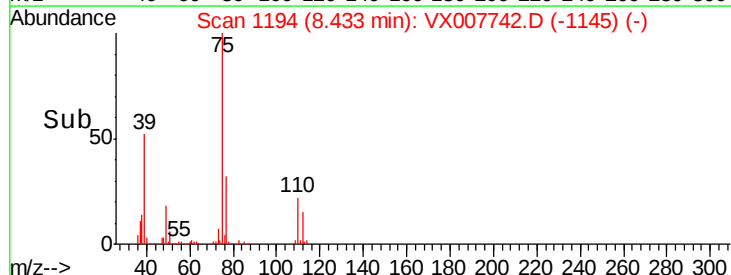
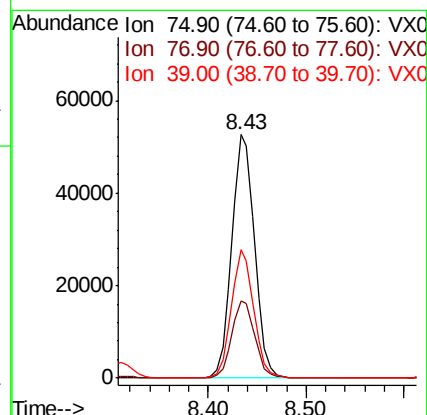
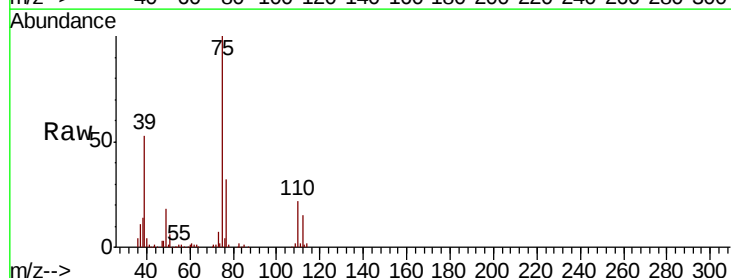
Tgt Ion: 75 Resp: 84777

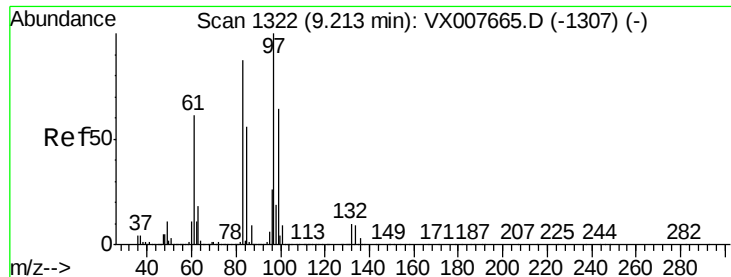
Ion Ratio Lower Upper

75 100

77 31.7 26.2 39.4

39 52.4 37.1 55.7

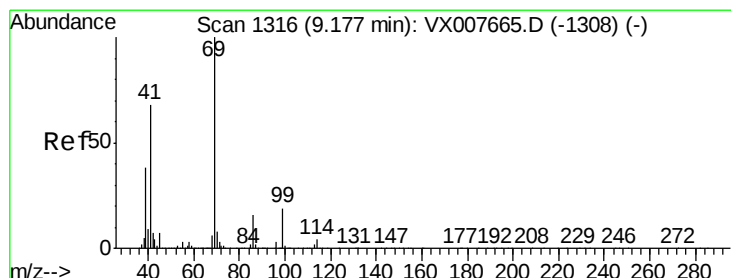
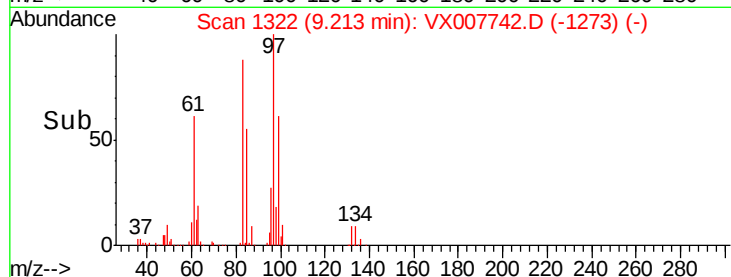
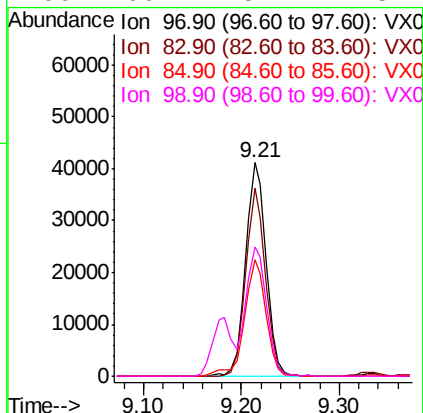
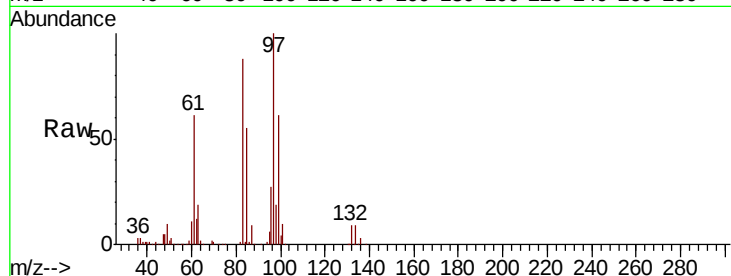




#55
 1,1,2-Trichloroethane
 Concen: 19.214 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX007742.D
 Acq: 27 Feb 2019 18:58

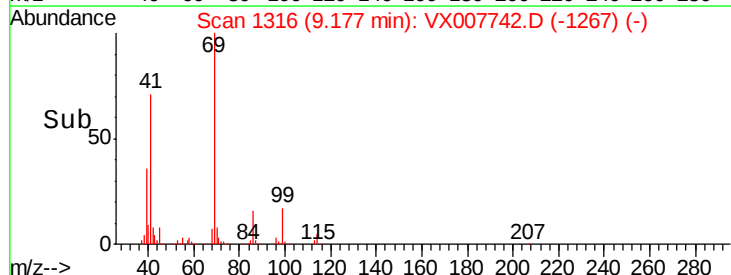
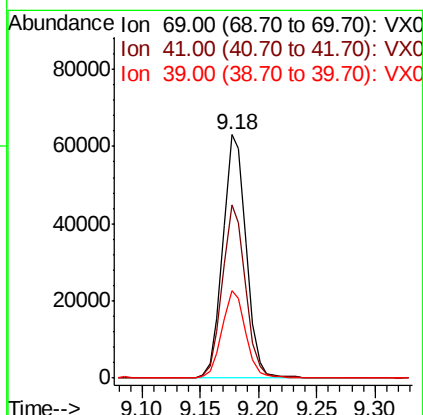
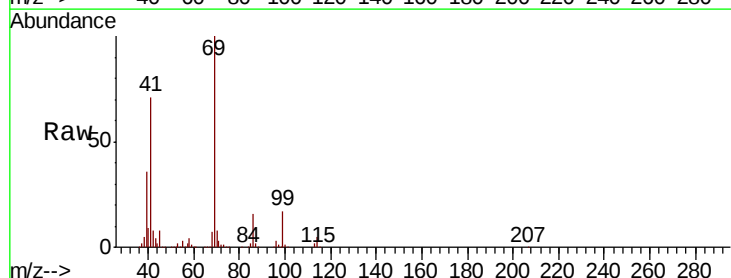
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	59828
Ion	Ratio	Lower	Upper
97	100		
83	87.9	68.6	102.8
85	54.7	44.5	66.7
99	60.7	52.2	78.4



#56
 Ethyl methacrylate
 Concen: 19.769 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX007742.D
 Acq: 27 Feb 2019 18:58

Tgt Ion:	69	Resp:	87537
Ion	Ratio	Lower	Upper
69	100		
41	69.8	52.1	78.1
39	35.6	30.1	45.1





#57

1,3-Dichloropropane

Concen: 19.616 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

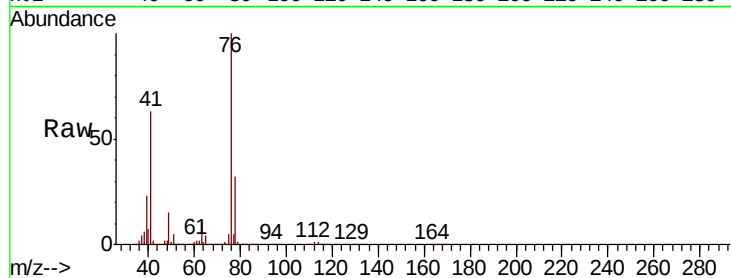
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 76 Resp: 97775

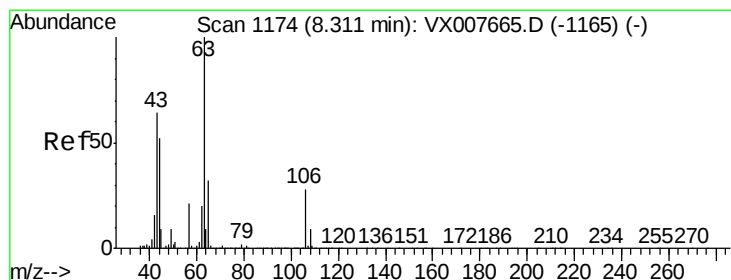
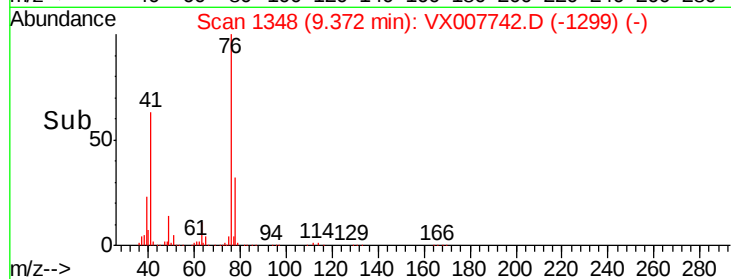
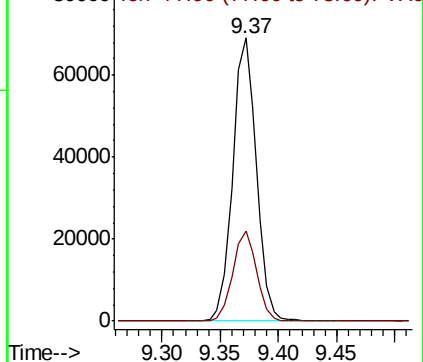
Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VX0
Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 99.275 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007742.D

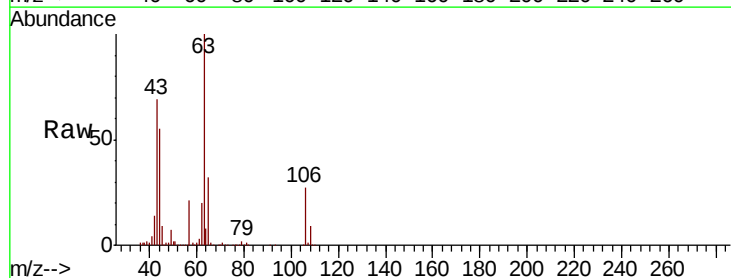
Acq: 27 Feb 2019 18:58

Tgt Ion: 63 Resp: 242413

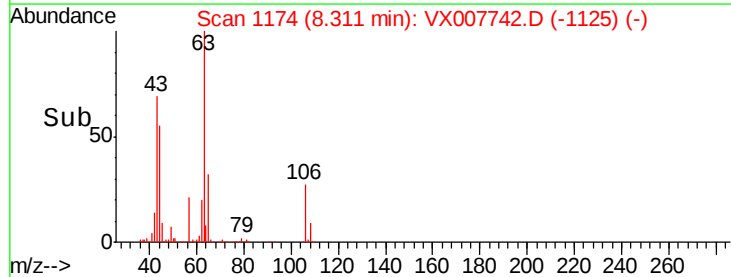
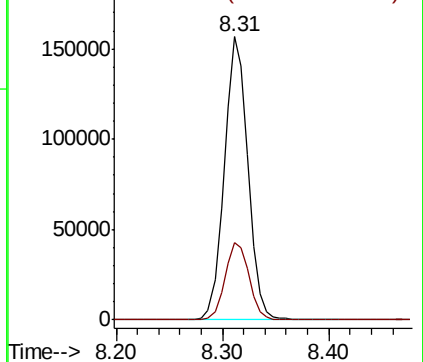
Ion Ratio Lower Upper

63 100

106 27.8 23.6 35.4



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 105.90 (105.60 to 106.60): V

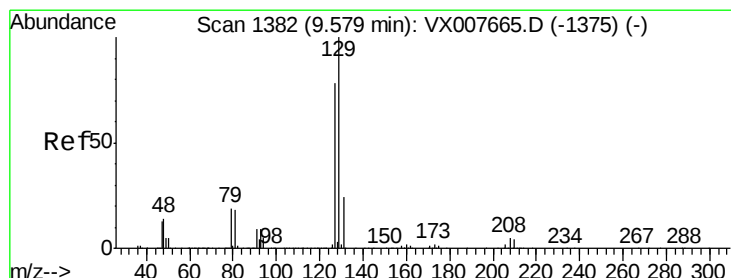
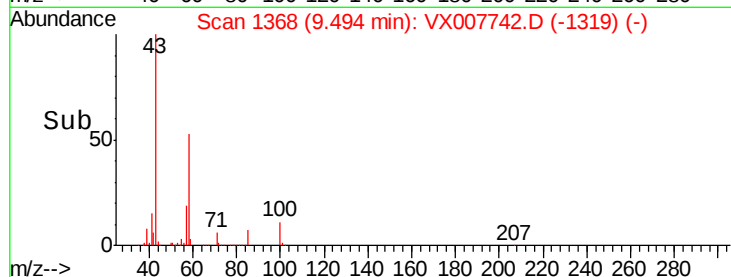
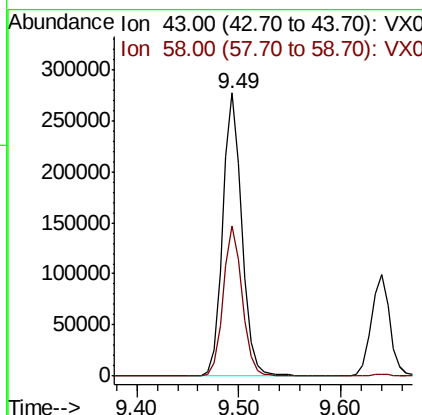
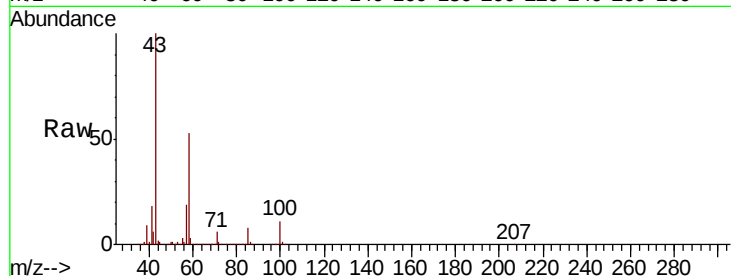




#59
2-Hexanone
Concen: 104.568 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007742.D
Acq: 27 Feb 2019 18:58

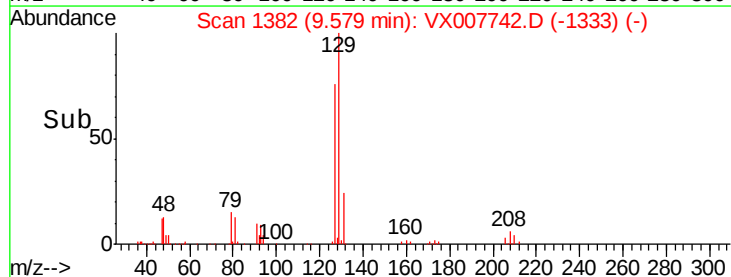
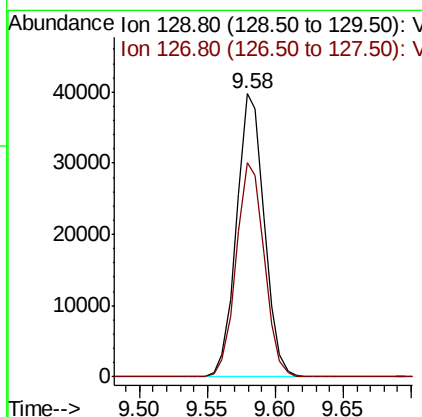
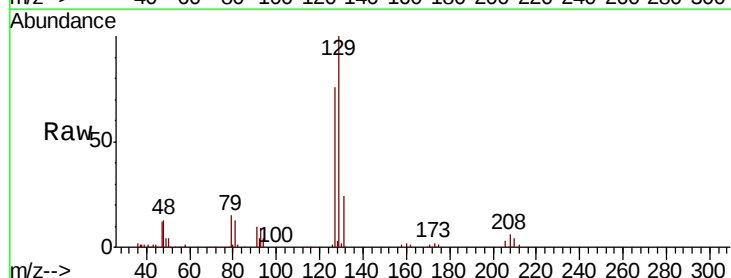
Instrument :
MSVOA_X
ClientSampleId :

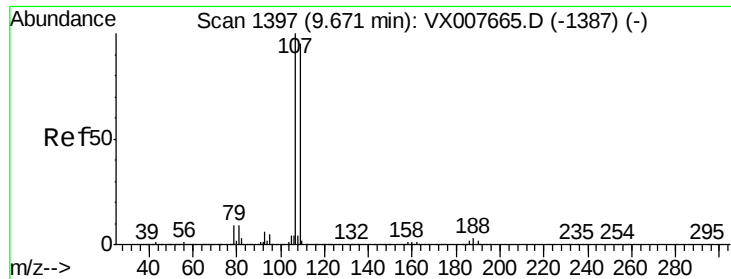
Tot Ion: 43 Resp: 360389
Ion Ratio Lower Upper
43 100
58 52.9 27.1 81.3



#60
Dibromochloromethane
Concen: 18.840 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX007742.D
Acq: 27 Feb 2019 18:58

Tgt Ion: 129 Resp: 56449
Ion Ratio Lower Upper
129 100
127 76.5 37.8 113.4





#61

1,2-Dibromoethane

Concen: 18.885 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

Instrument :

MSVOA_X

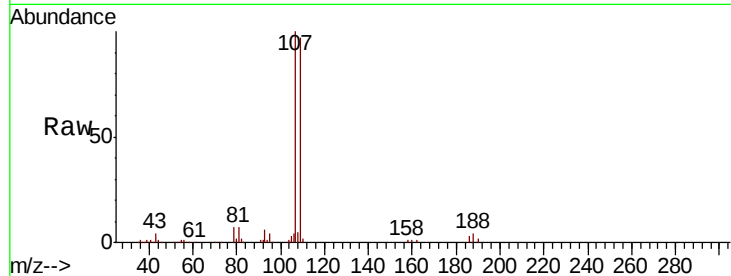
ClientSampleId :

Tot Ion:107 Resp: 61052

Ion Ratio Lower Upper

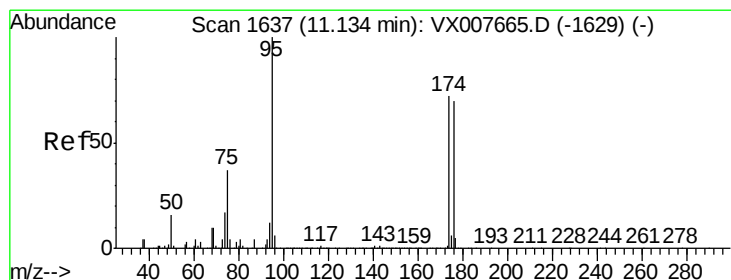
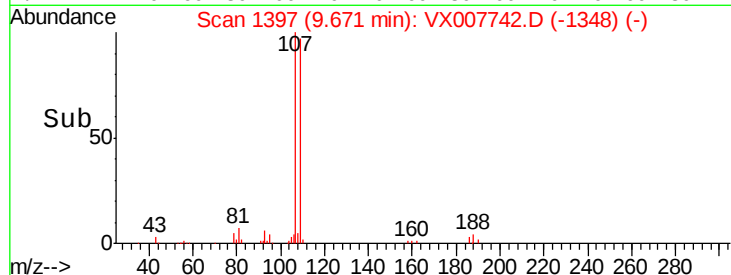
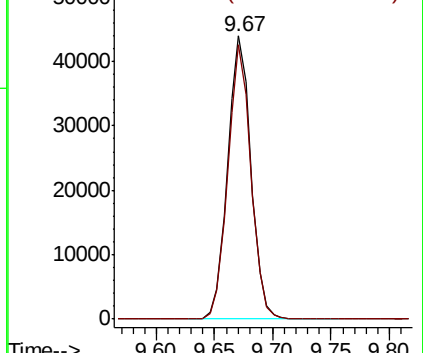
107 100

109 95.7 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.984 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

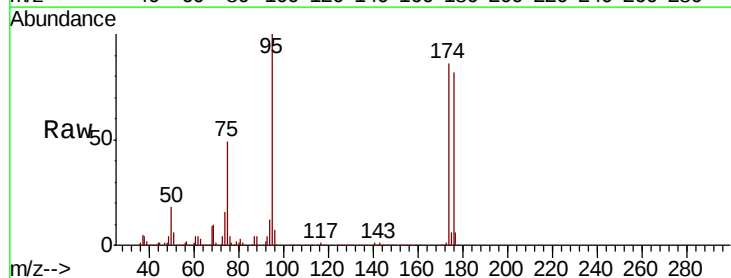
Tgt Ion: 95 Resp: 196316

Ion Ratio Lower Upper

95 100

174 91.5 0.0 189.2

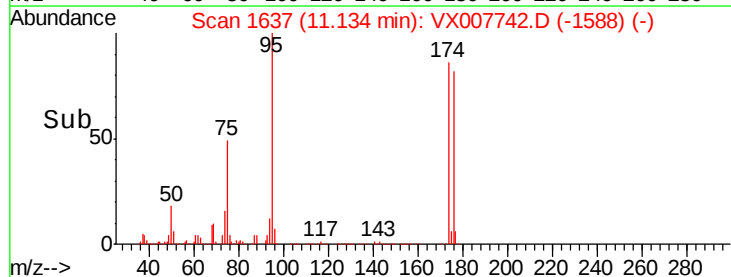
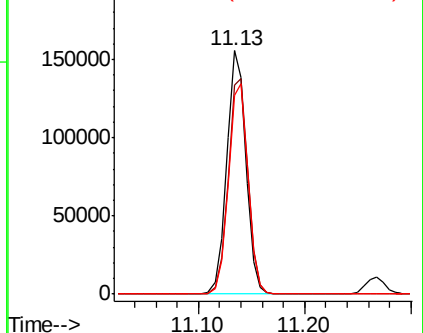
176 88.6 0.0 186.2

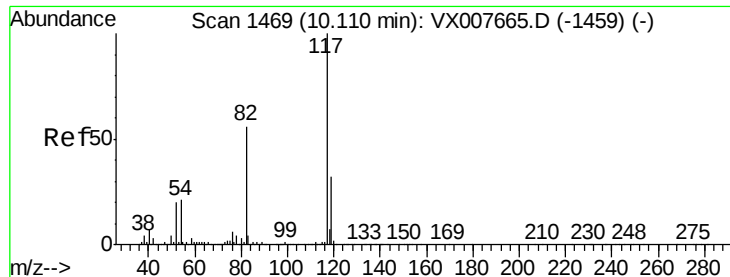


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

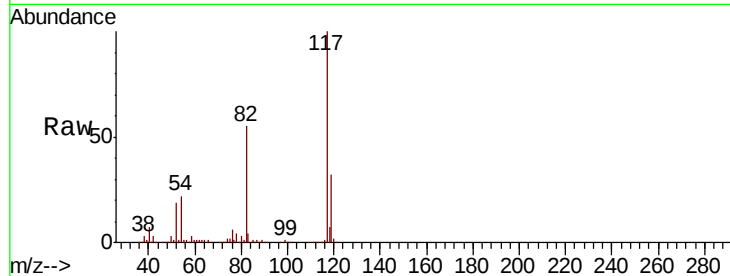




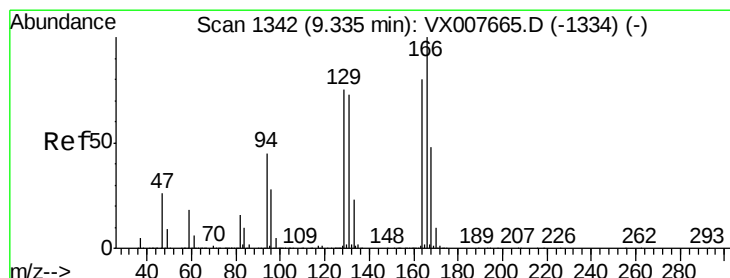
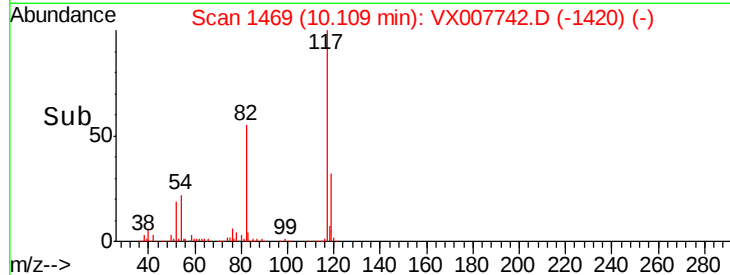
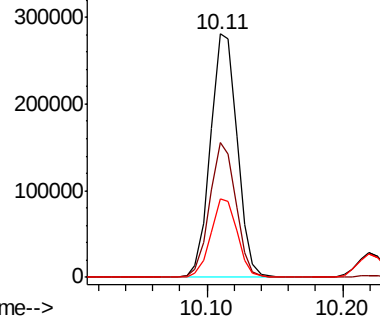
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007742.D
Acq: 27 Feb 2019 18:58

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.4	42.1	63.1
119	32.4	26.5	39.7



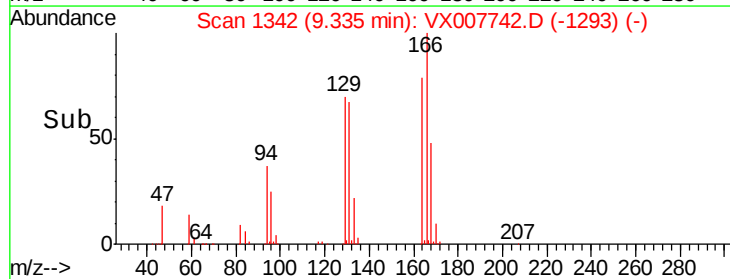
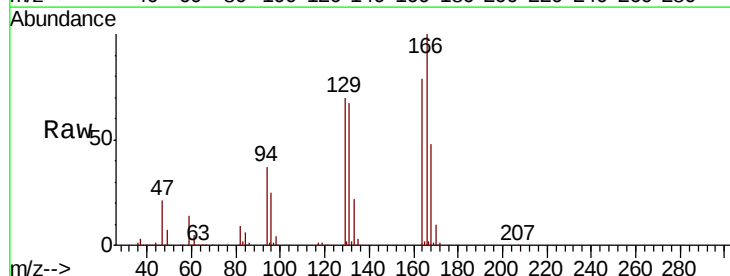
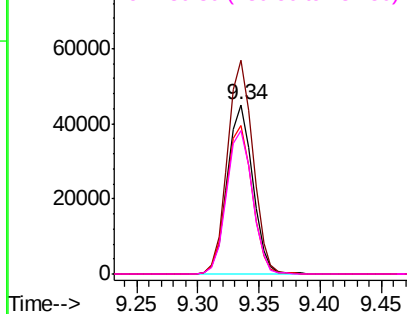
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 20.718 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007742.D
Acq: 27 Feb 2019 18:58

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.1	101.0	151.4
129	87.8	70.5	105.7
131	84.4	69.8	104.6

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

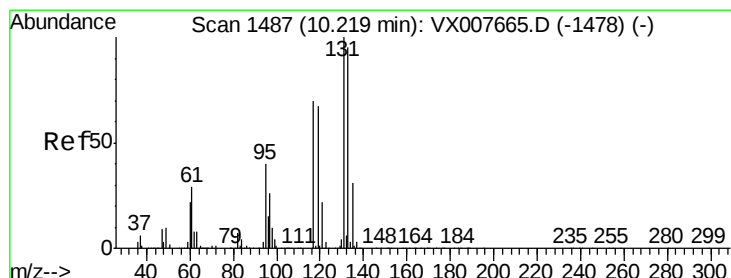
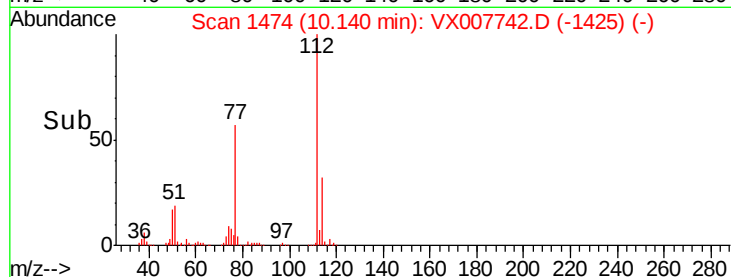
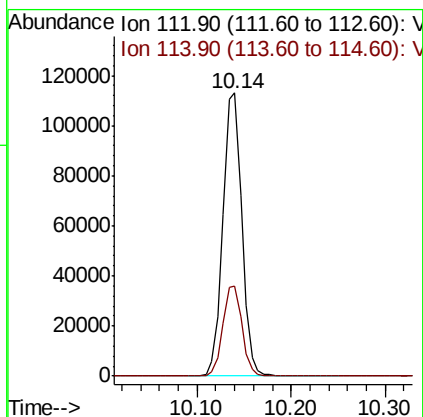
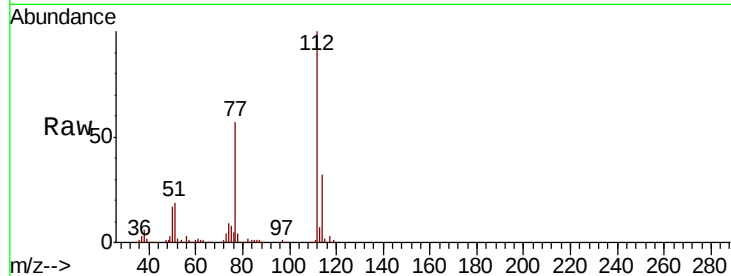




#65
Chlorobenzene
Concen: 18.950 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX007742.D
Acq: 27 Feb 2019 18:58

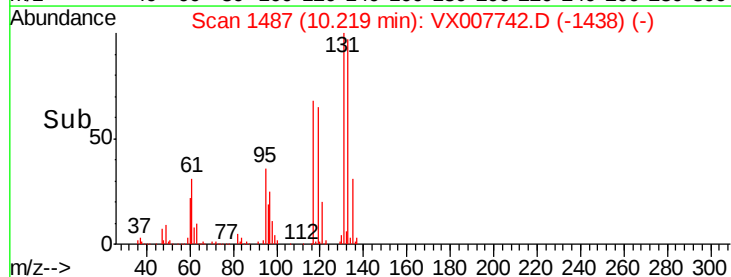
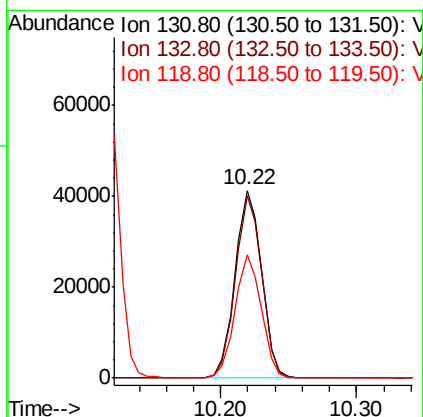
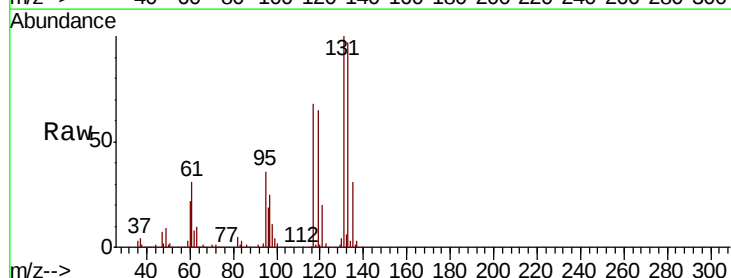
Instrument :
MSVOA_X
ClientSampleId :

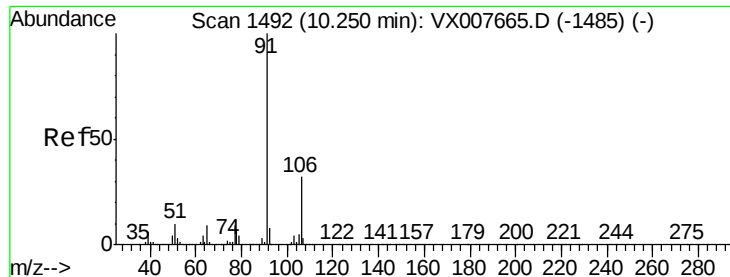
Tot Ion:112 Resp: 157852
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.326 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX007742.D
Acq: 27 Feb 2019 18:58

Tgt Ion:131 Resp: 56156
Ion Ratio Lower Upper
131 100
133 96.0 48.0 144.2
119 64.8 32.0 96.0

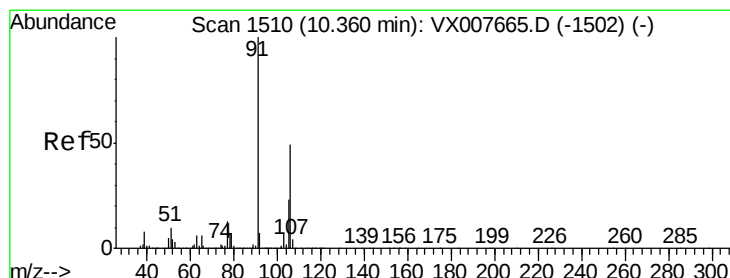
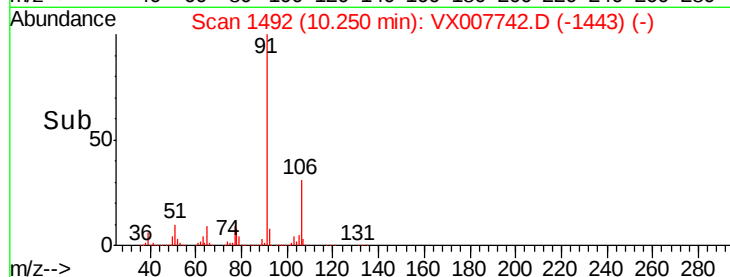
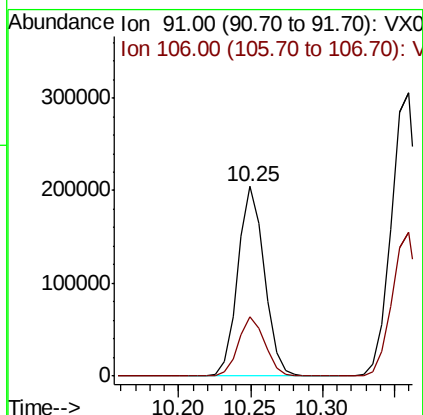
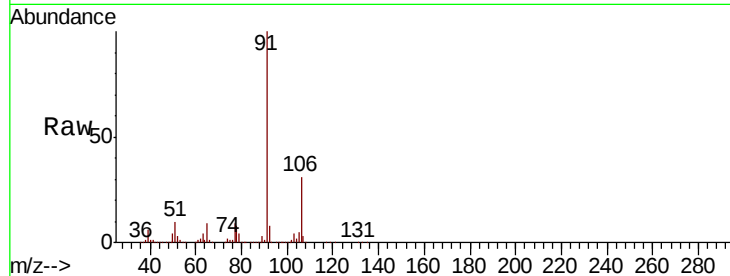




#67
Ethyl Benzene
Concen: 18.972 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX007742.D
Acq: 27 Feb 2019 18:58

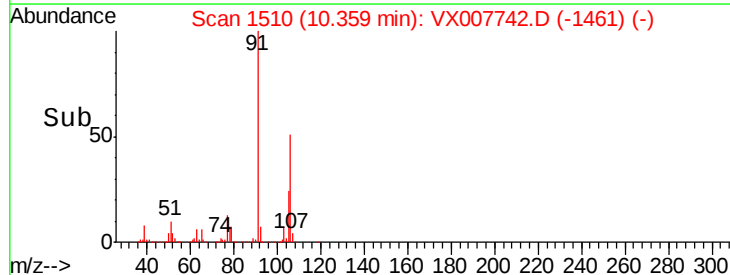
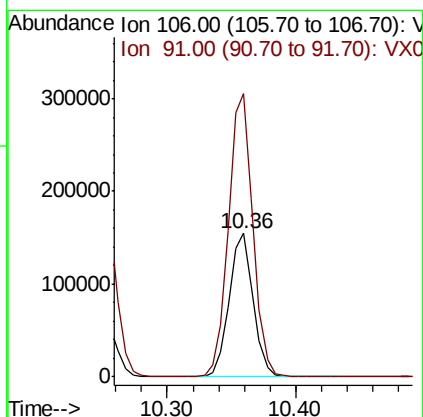
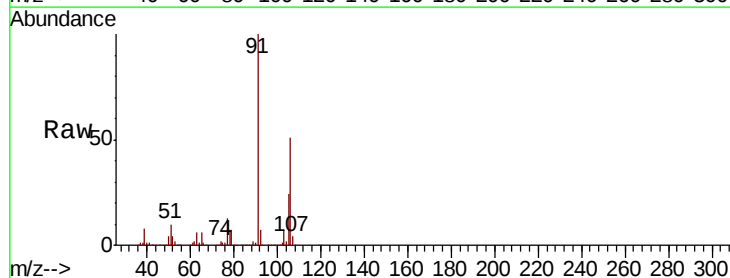
Instrument :
MSVOA_X
ClientSampleId :

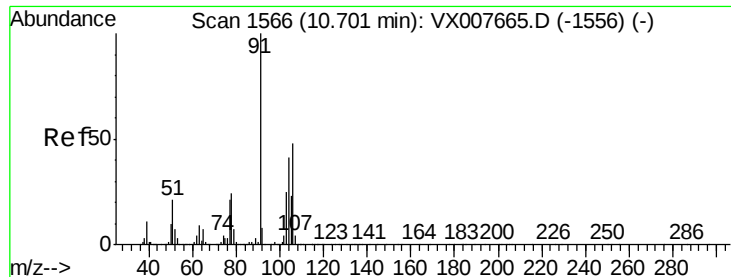
Tot Ion: 91 Resp: 261800
Ion Ratio Lower Upper
91 100
106 31.4 25.4 38.0



#68
m/p-Xylenes
Concen: 37.472 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX007742.D
Acq: 27 Feb 2019 18:58

Tgt Ion: 106 Resp: 201159
Ion Ratio Lower Upper
106 100
91 201.2 156.6 234.8

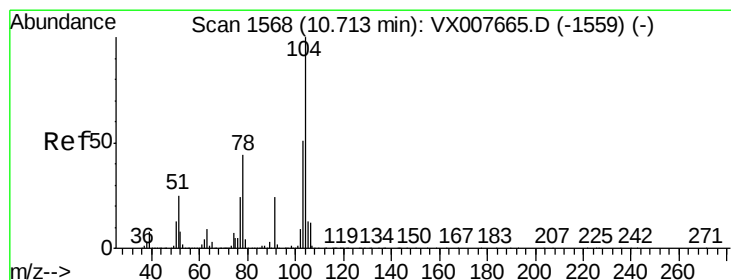
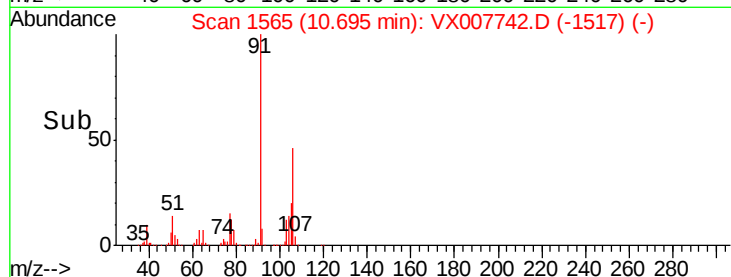
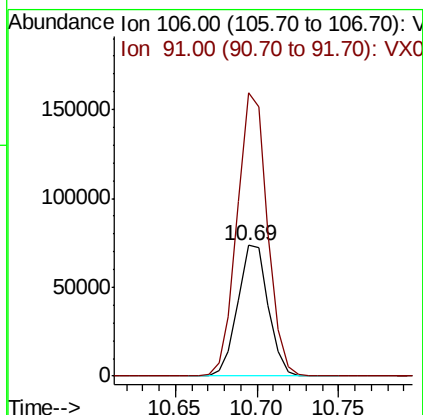
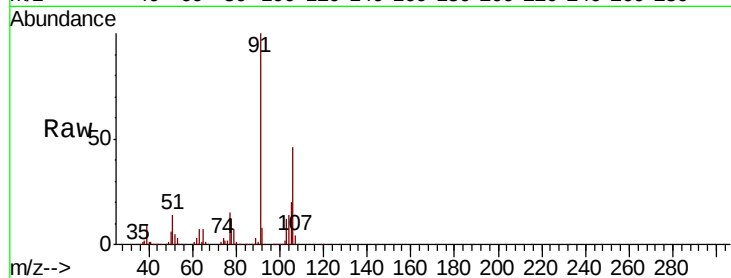




#69
o-Xylene
Concen: 18.675 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007742.D
Acq: 27 Feb 2019 18:58

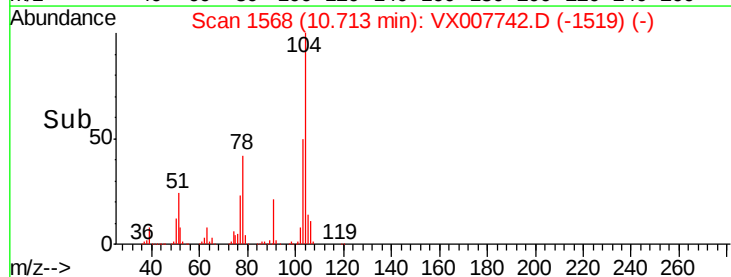
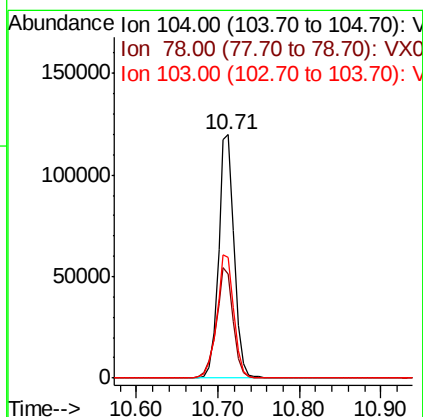
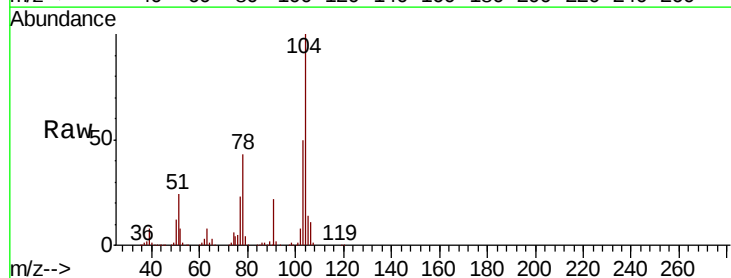
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 96431
Ion Ratio Lower Upper
106 100
91 215.2 102.9 308.7



#70
Styrene
Concen: 19.019 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007742.D
Acq: 27 Feb 2019 18:58

Tgt Ion:104 Resp: 161420
Ion Ratio Lower Upper
104 100
78 49.1 38.3 57.5
103 55.1 44.6 67.0





#71

Bromoform

Concen: 19.563 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

Instrument :

MSVOA_X

ClientSampleId :

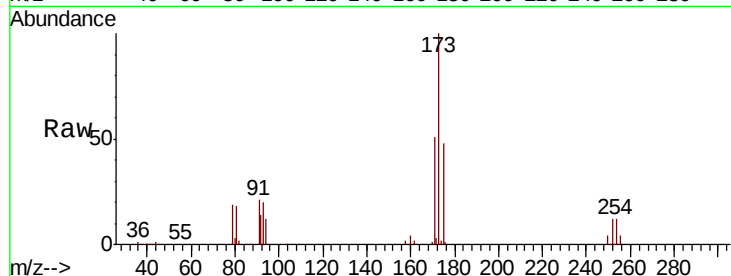
Tot Ion:173 Resp: 42627

Ion Ratio Lower Upper

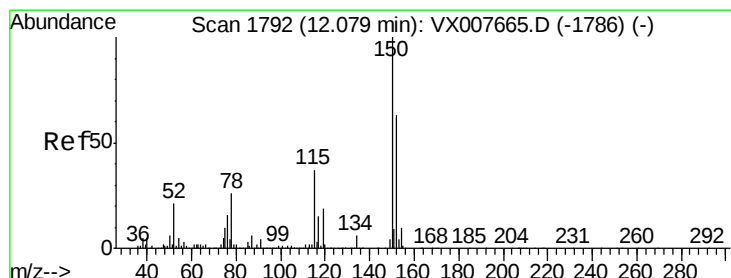
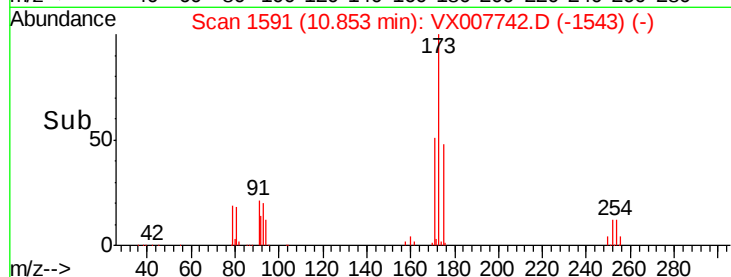
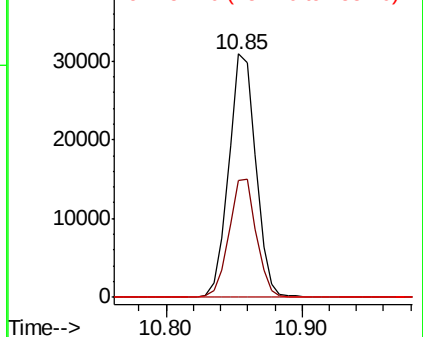
173 100

175 48.9 24.2 72.6

254 0.2 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: VX007742.D

Acq: 27 Feb 2019 18:58

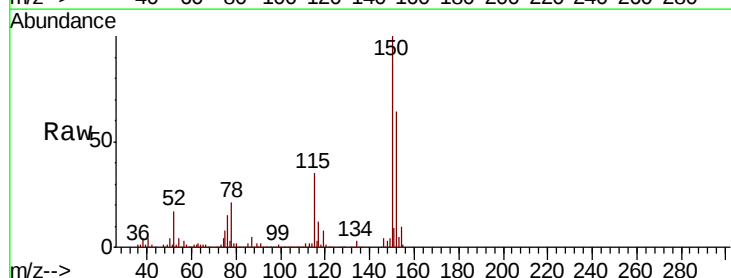
Tgt Ion:152 Resp: 193966

Ion Ratio Lower Upper

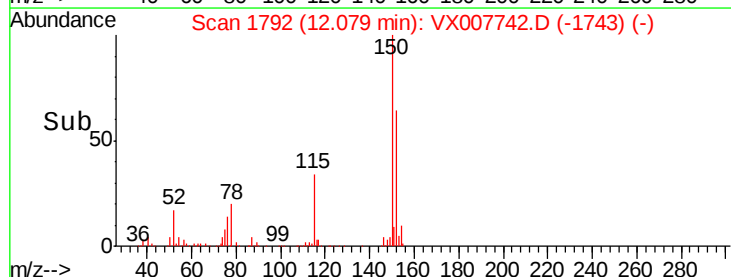
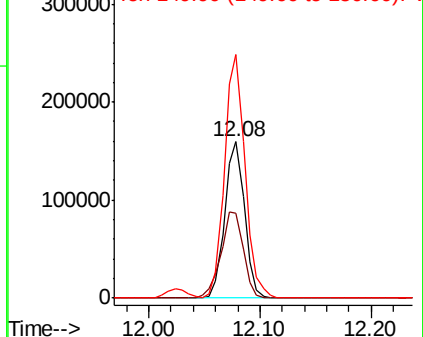
152 100

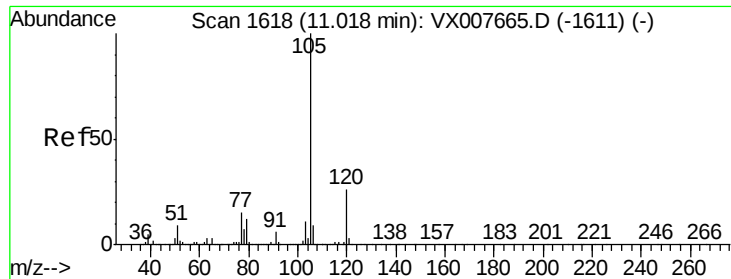
115 63.7 38.0 114.0

150 162.7 0.0 346.4



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





#73

Isopropylbenzene

Concen: 18.756 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

Instrument :

MSVOA_X

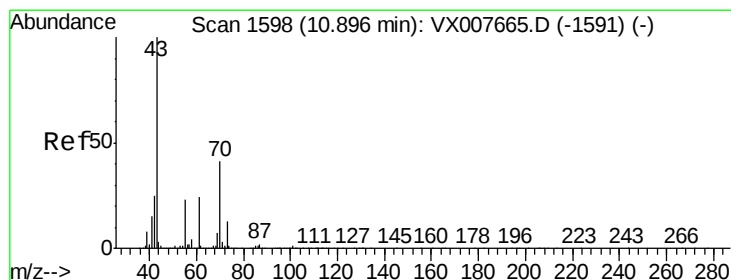
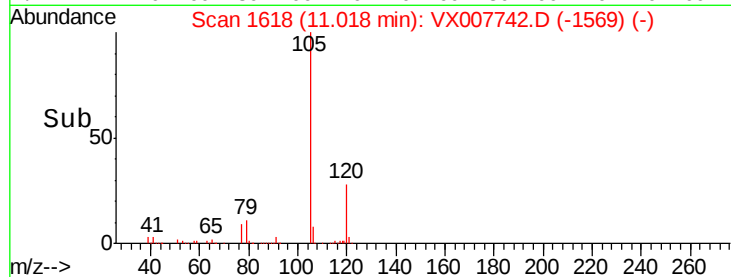
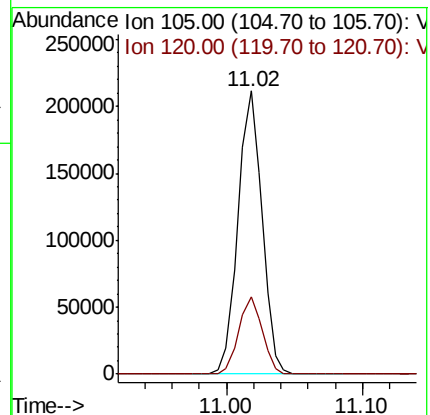
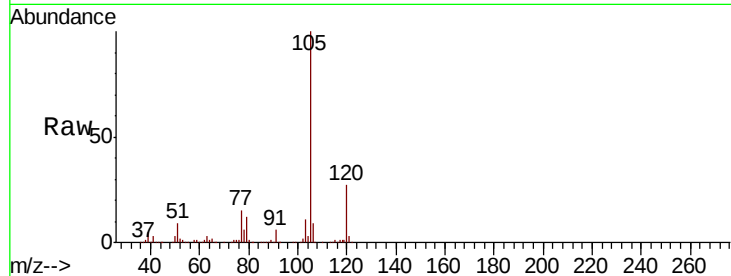
ClientSampleId :

Tot Ion:105 Resp: 260016

Ion Ratio Lower Upper

105 100

120 26.9 13.6 40.7



#74

N-ethyl acetate

Concen: 19.733 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

Tgt Ion: 43 Resp: 118796

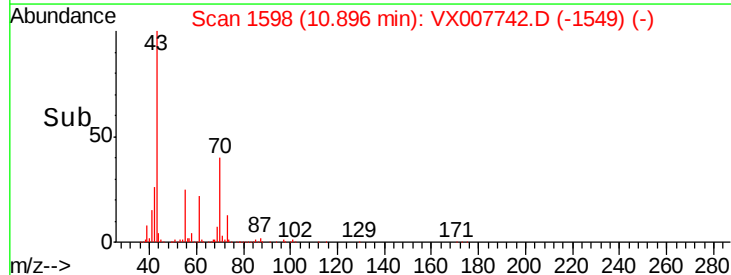
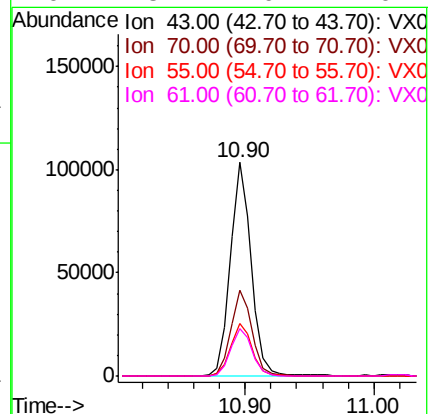
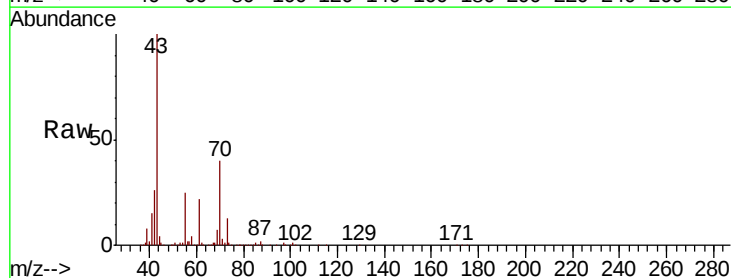
Ion Ratio Lower Upper

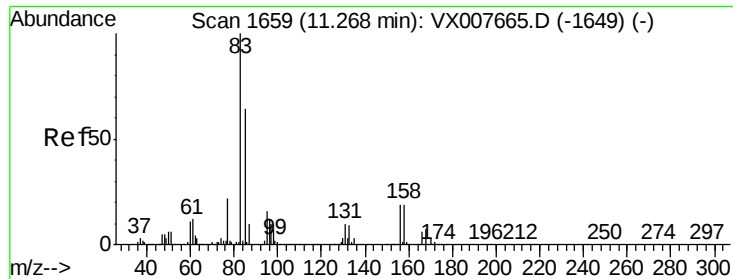
43 100

70 40.9 33.8 50.6

55 25.5 19.5 29.3

61 23.1 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.452 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

Instrument :

MSVOA_X

ClientSampleId :

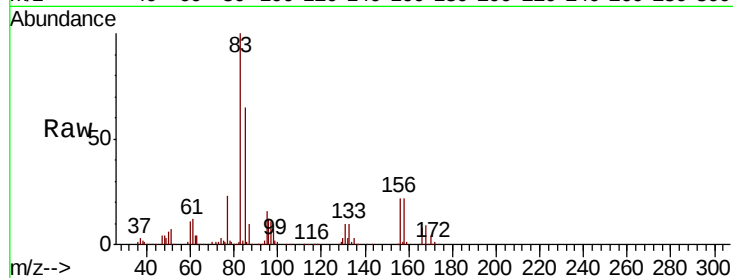
Tot Ion: 83 Resp: 88472

Ion Ratio Lower Upper

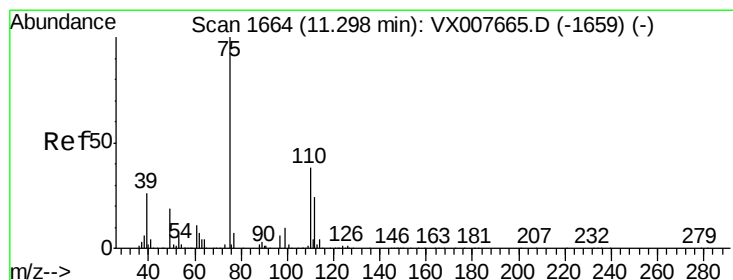
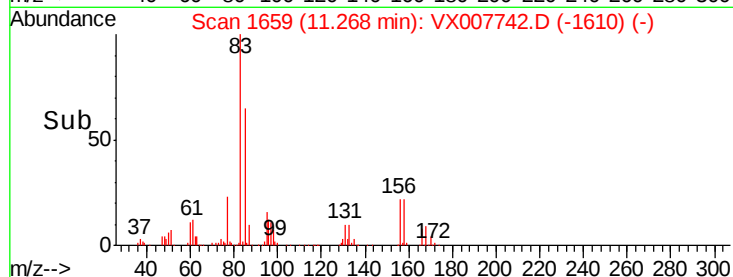
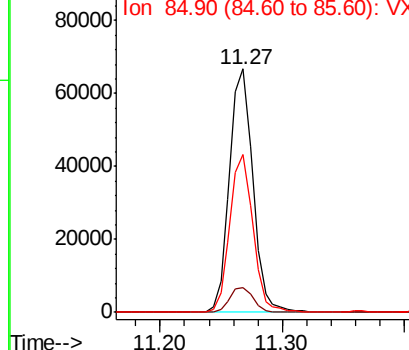
83 100

131 10.2 5.7 17.0

85 64.0 32.8 98.3



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: 23.918 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX007742.D

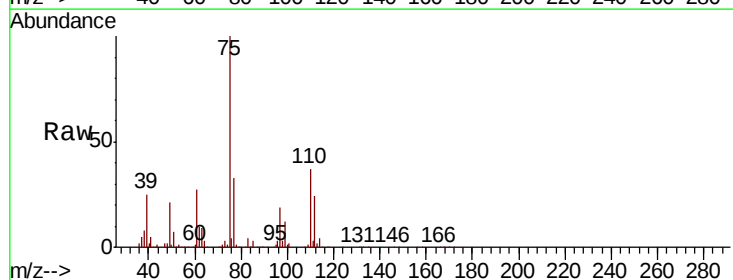
Acq: 27 Feb 2019 18:58

Tgt Ion: 75 Resp: 98887

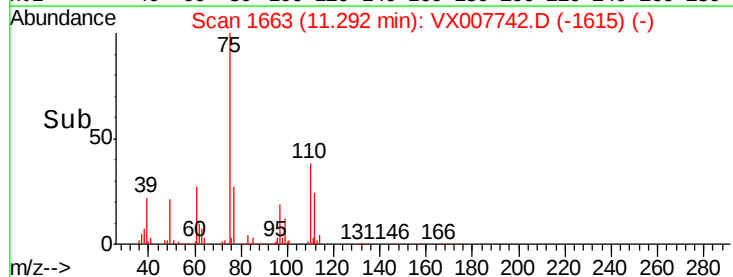
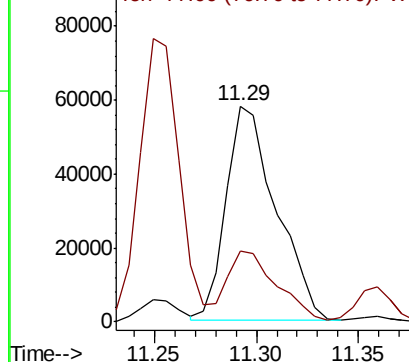
Ion Ratio Lower Upper

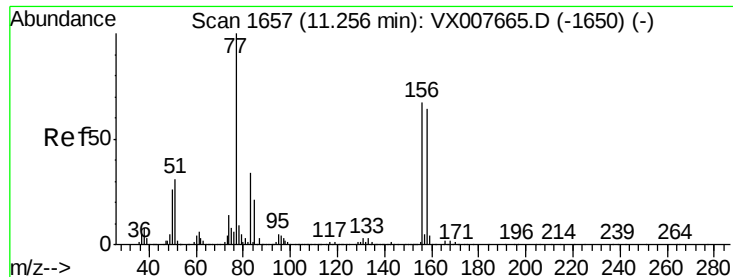
75 100

77 33.6 23.0 69.0



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.395 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

Instrument :

MSVOA_X

ClientSampleId :

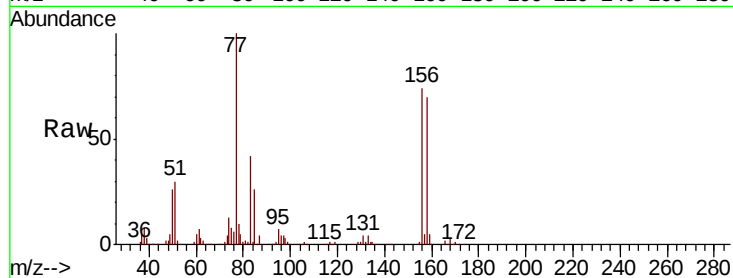
Tot Ion:156 Resp: 70918

Ion Ratio Lower Upper

156 100

77 144.5 66.8 200.6

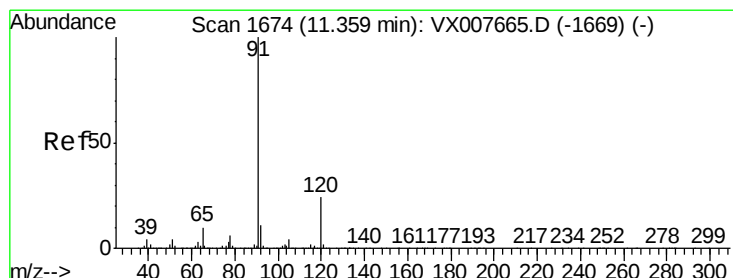
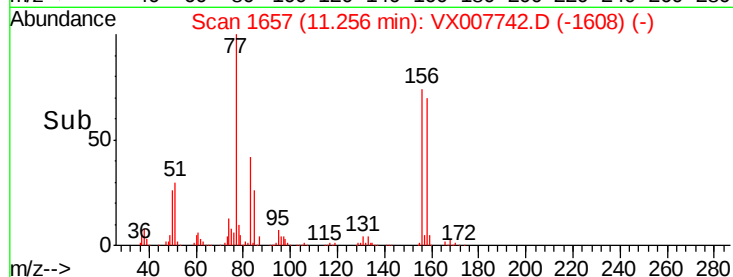
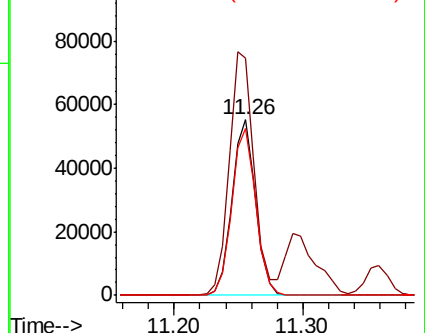
158 96.6 47.9 143.8



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: 18.509 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007742.D

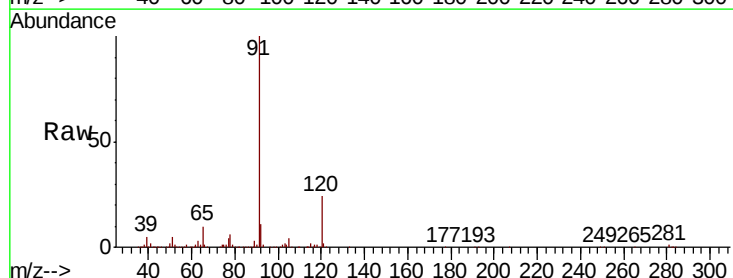
Acq: 27 Feb 2019 18:58

Tgt Ion: 91 Resp: 289954

Ion Ratio Lower Upper

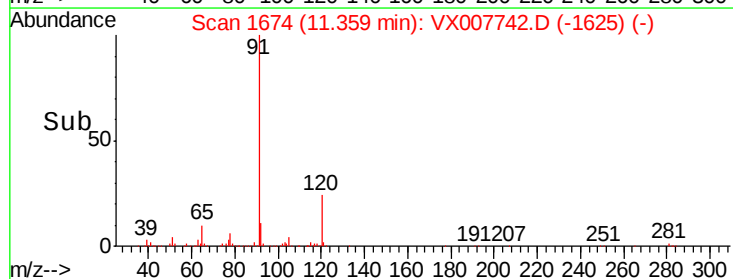
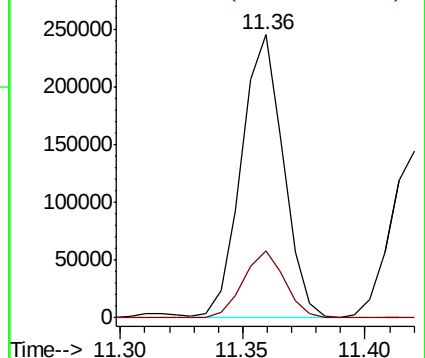
91 100

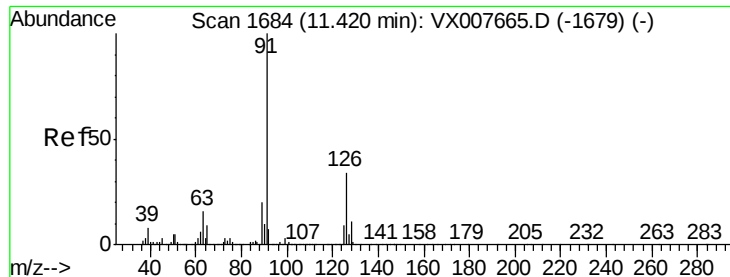
120 23.6 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.652 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

Instrument :

MSVOA_X

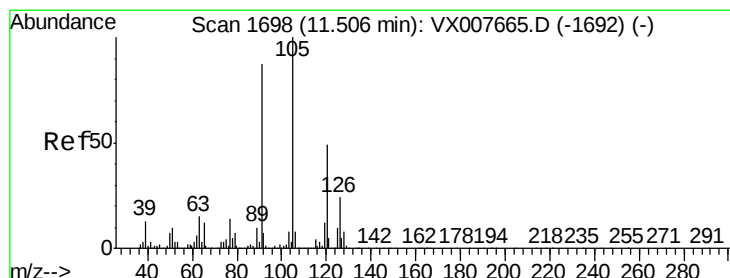
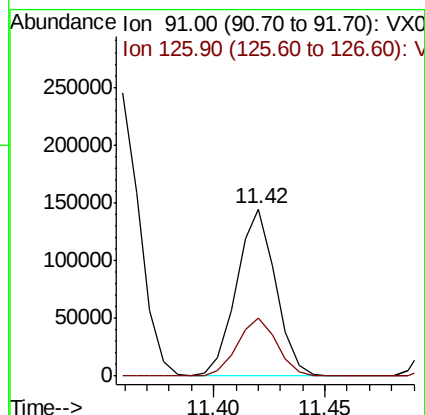
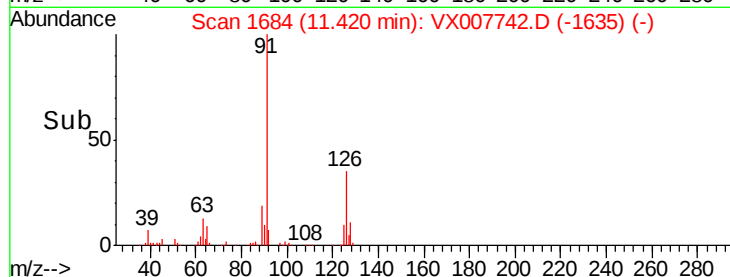
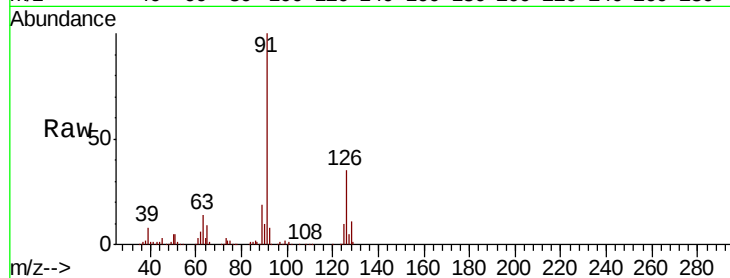
ClientSampleId :

Tot Ion: 91 Resp: 175938

Ion Ratio Lower Upper

91 100

126 35.1 18.7 56.1



#80

1,3,5-Trimethylbenzene

Concen: 18.858 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007742.D

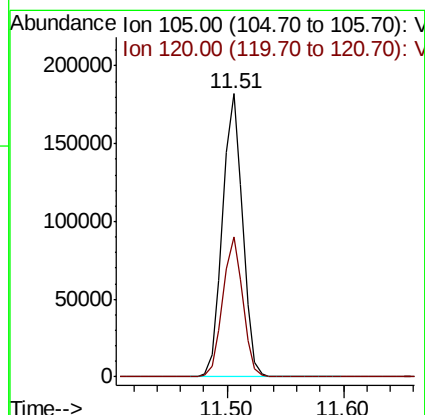
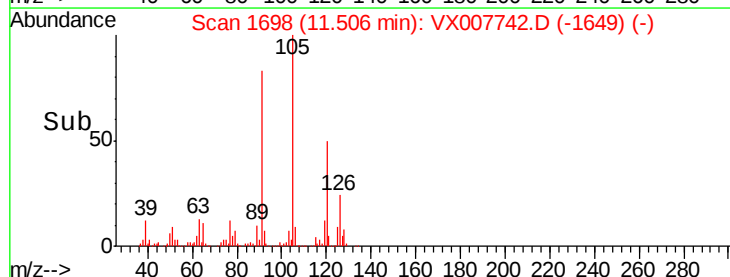
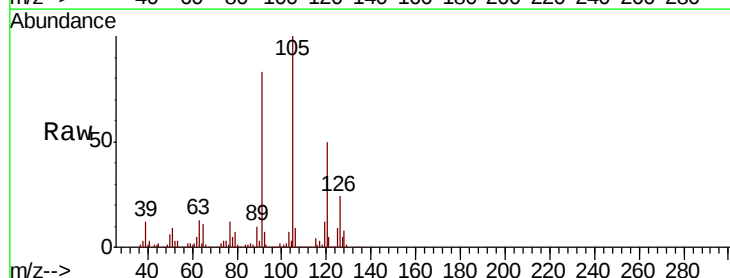
Acq: 27 Feb 2019 18:58

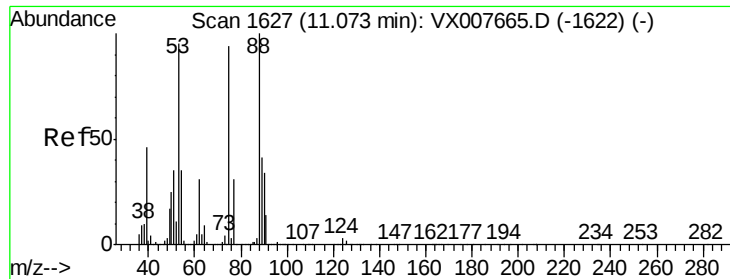
Tgt Ion:105 Resp: 215037

Ion Ratio Lower Upper

105 100

120 49.6 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 16.645 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

Instrument :

MSVOA_X

ClientSampled :

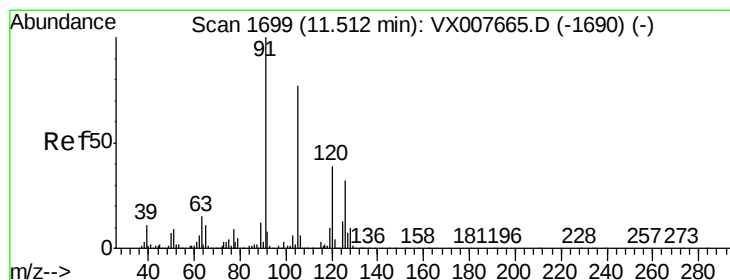
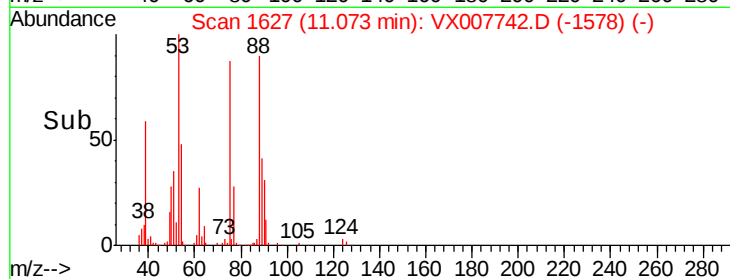
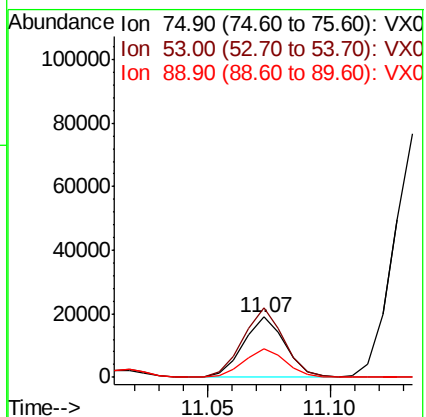
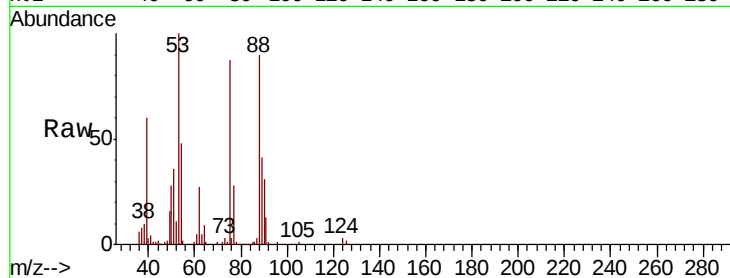
Tot Ion: 75 Resp: 22385

Ion Ratio Lower Upper

75 100

53 113.5 81.0 121.6

89 47.5 41.4 62.0



#82

4-Chlorotoluene

Concen: 18.205 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX007742.D

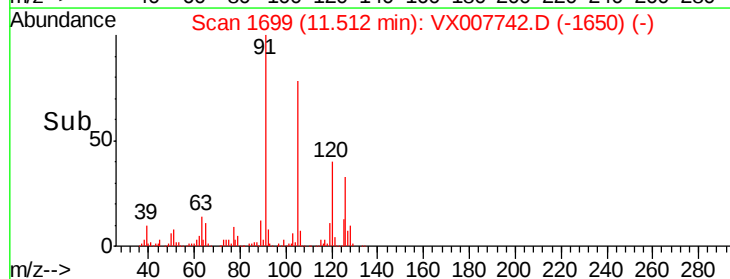
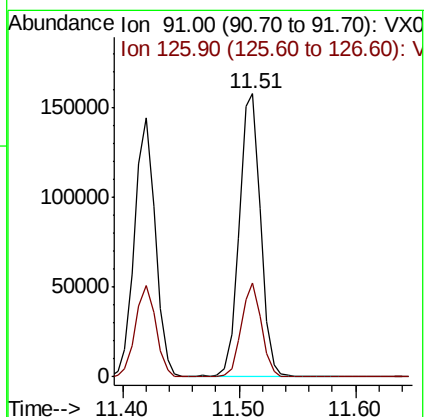
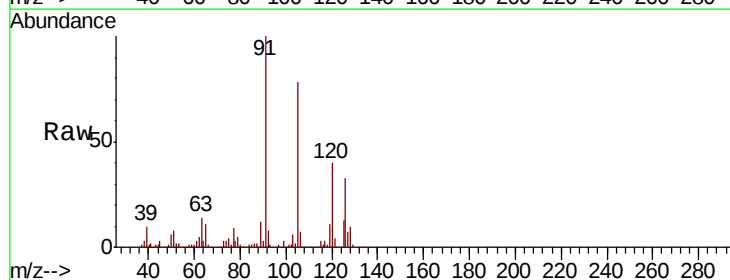
Acq: 27 Feb 2019 18:58

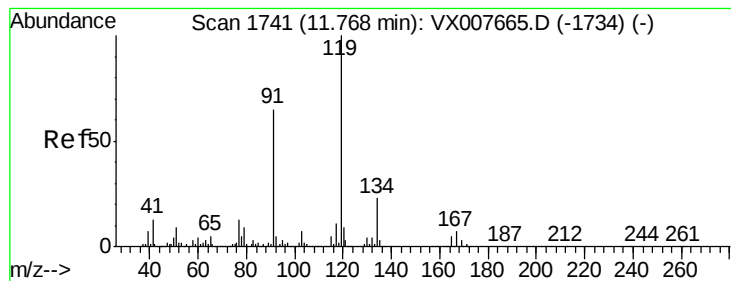
Tgt Ion: 91 Resp: 200882

Ion Ratio Lower Upper

91 100

126 31.6 16.2 48.5





#83

tert-Butylbenzene

Concen: 18.942 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

Instrument :

MSVOA_X

ClientSampleId :

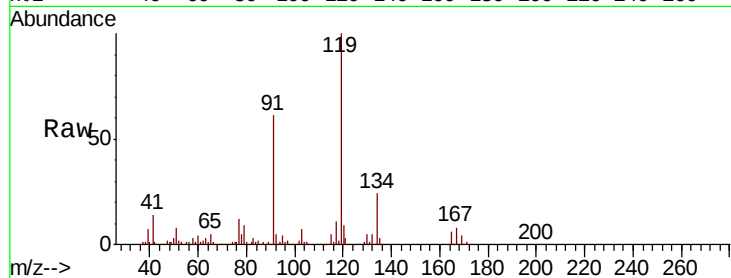
Tot Ion:119 Resp: 207390

Ion Ratio Lower Upper

119 100

91 57.6 28.5 85.6

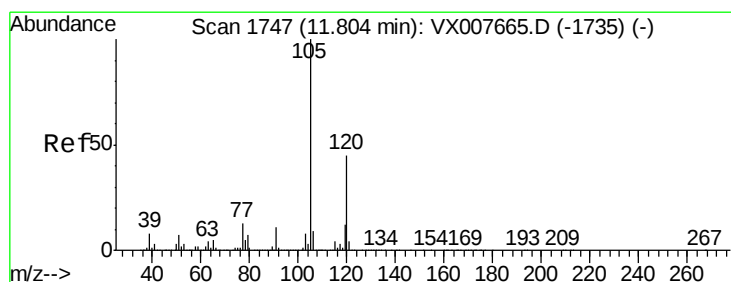
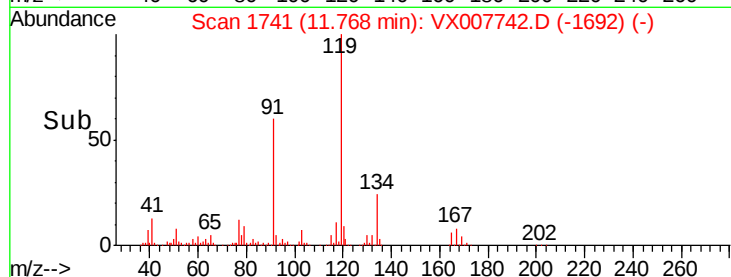
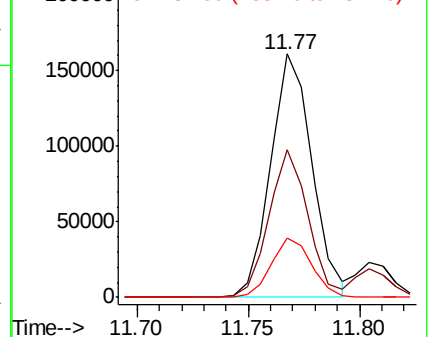
134 24.1 12.0 36.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 18.958 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX007742.D

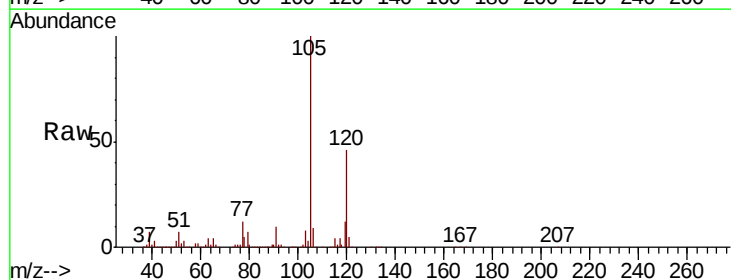
Acq: 27 Feb 2019 18:58

Tgt Ion:105 Resp: 221135

Ion Ratio Lower Upper

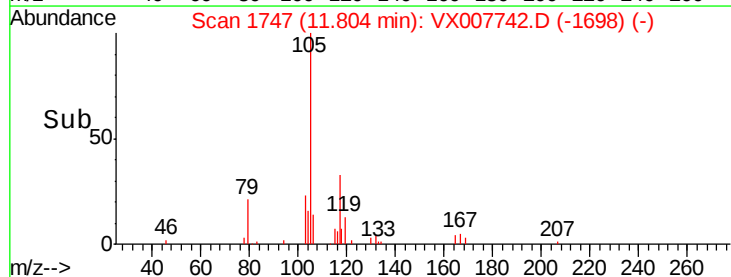
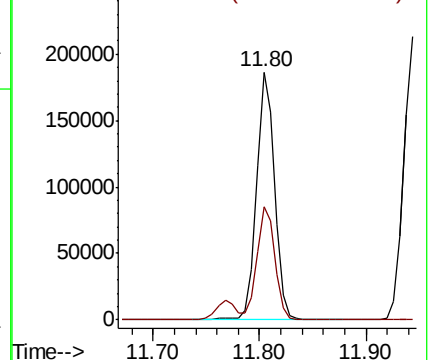
105 100

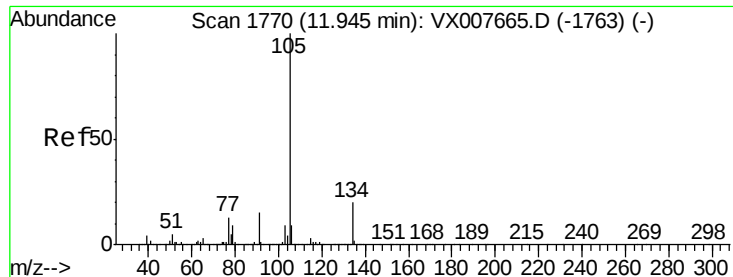
120 45.5 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 18.615 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

Instrument :

MSVOA_X

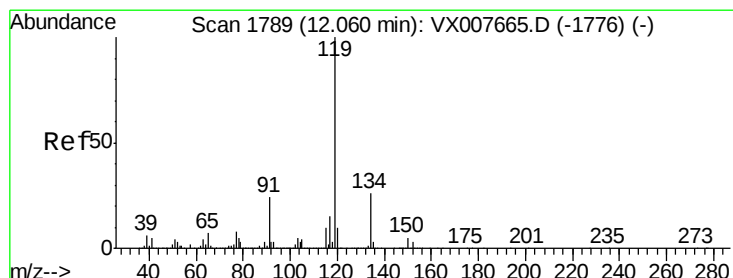
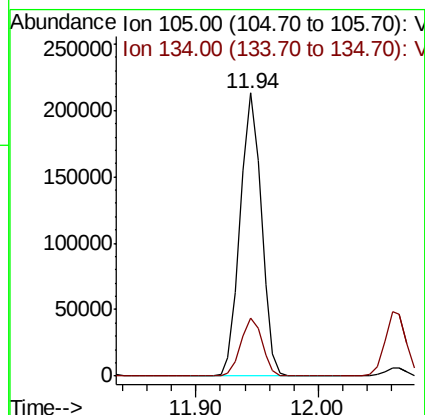
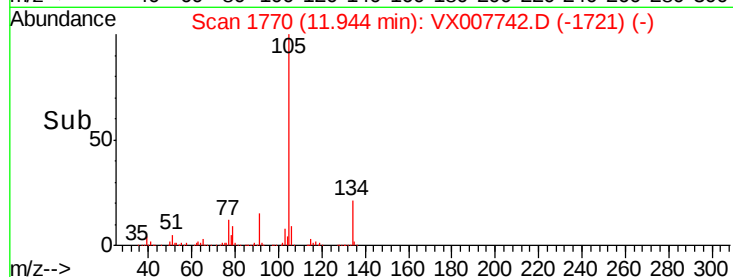
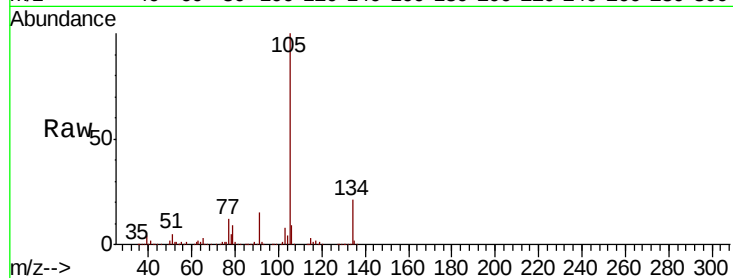
ClientSampleId :

Tot Ion:105 Resp: 255390

Ion Ratio Lower Upper

105 100

134 20.8 10.6 31.8



#86

p-Isopropyltoluene

Concen: 18.893 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

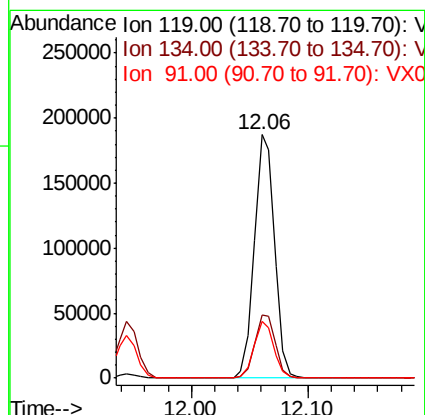
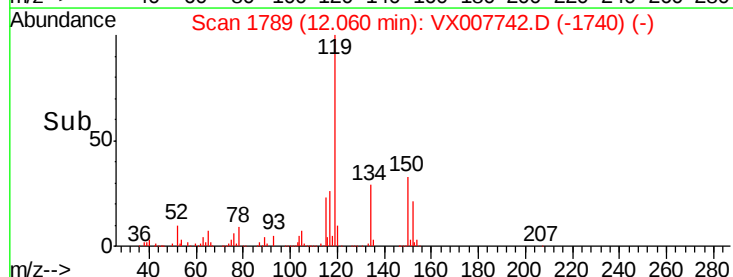
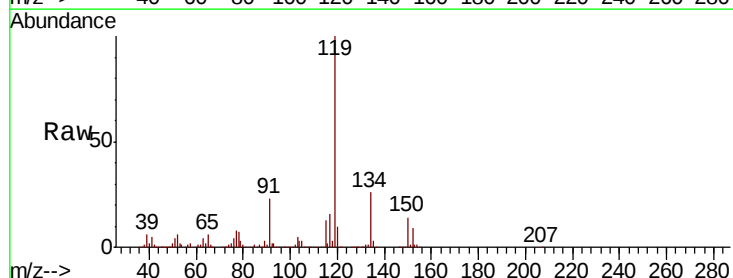
Tgt Ion:119 Resp: 227005

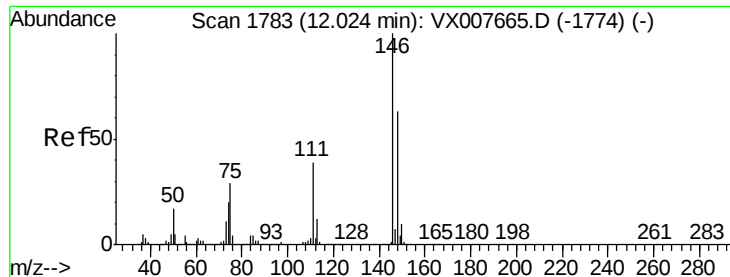
Ion Ratio Lower Upper

119 100

134 26.5 13.7 41.1

91 23.0 11.2 33.5

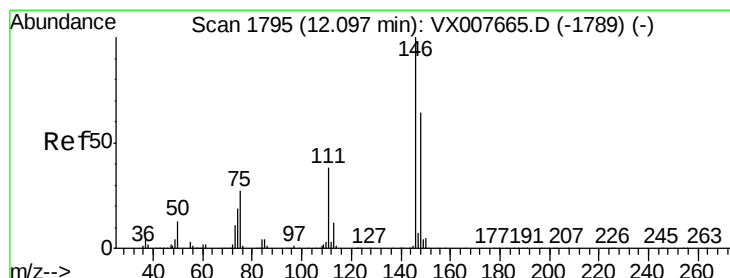
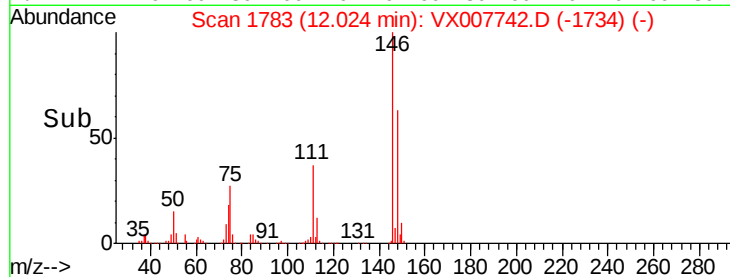
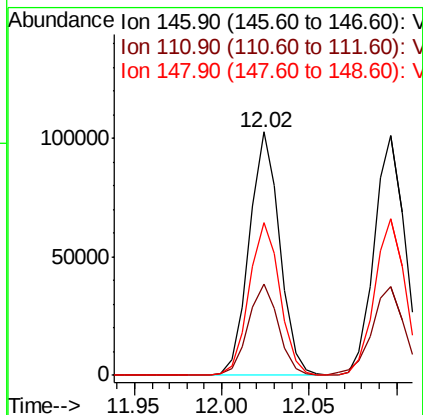
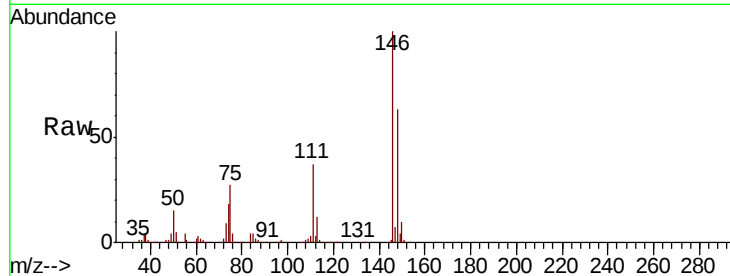




#87
 1,3-Dichlorobenzene
 Concen: 19.220 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007742.D
 Acq: 27 Feb 2019 18:58

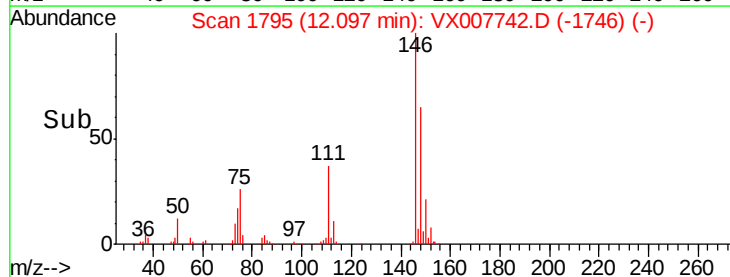
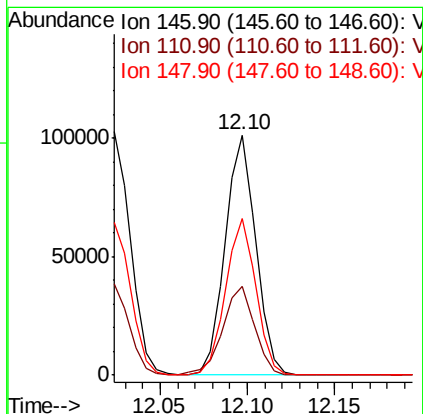
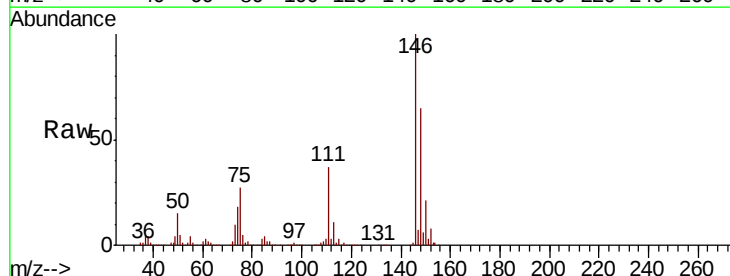
Instrument :
 MSVOA_X
 ClientSampled :

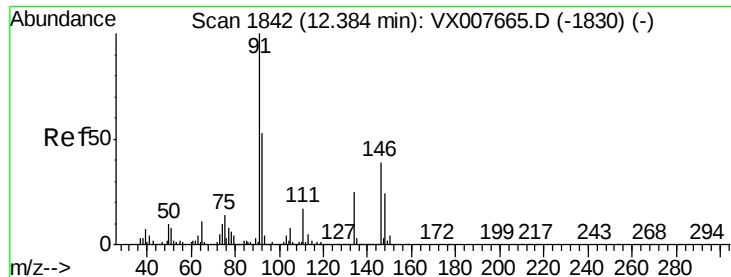
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.1	54.1
148	63.5	32.0	96.2



#88
 1,4-Dichlorobenzene
 Concen: 18.678 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007742.D
 Acq: 27 Feb 2019 18:58

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.1	54.1
148	64.9	32.3	96.9





#89

n-Butylbenzene

Concen: 17.559 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.01 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

Instrument :

MSVOA_X

ClientSampleId :

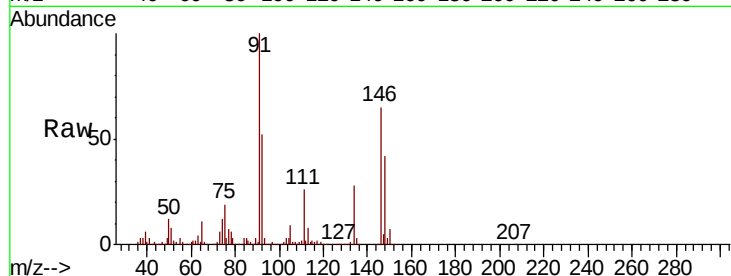
Tot Ion: 91 Resp: 188157

Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.3	78.9
134	27.1	13.9	41.6

91 100

92 52.6 26.3 78.9

134 27.1 13.9 41.6

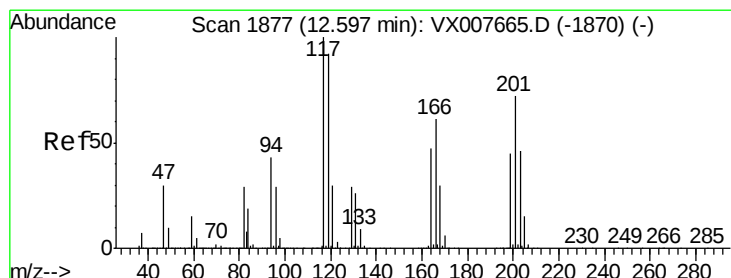
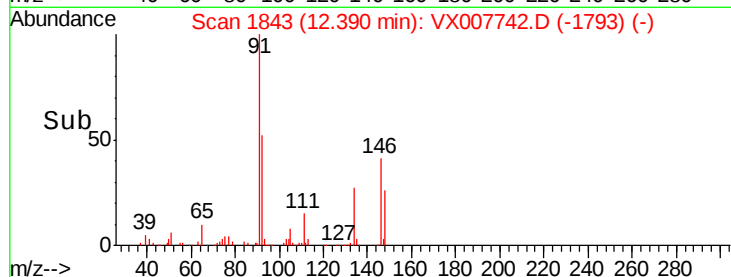
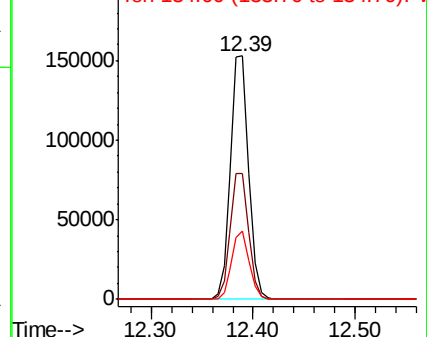


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 16.947 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX007742.D

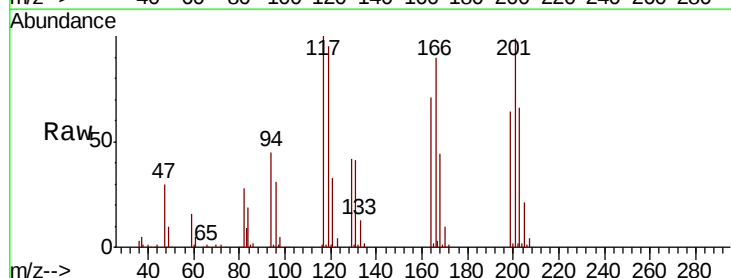
Acq: 27 Feb 2019 18:58

Tgt Ion: 117 Resp: 34309

Ion	Ratio	Lower	Upper
117	100		
201	97.8	44.9	134.7

117 100

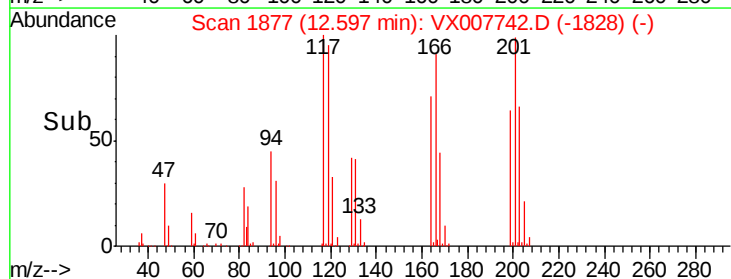
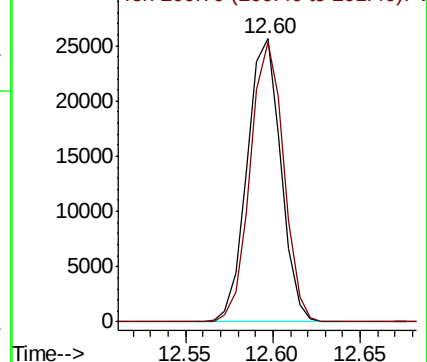
201 97.8 44.9 134.7

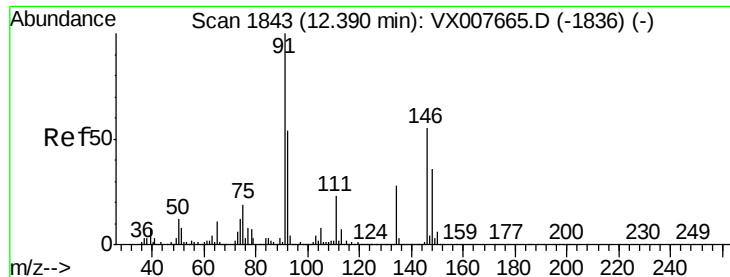


Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 19.128 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

Instrument :

MSVOA_X

ClientSampled :

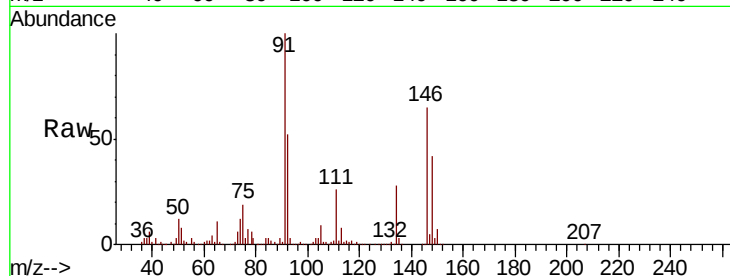
Tot Ion:146 Resp: 123440

Ion Ratio Lower Upper

146 100

111 39.3 19.1 57.3

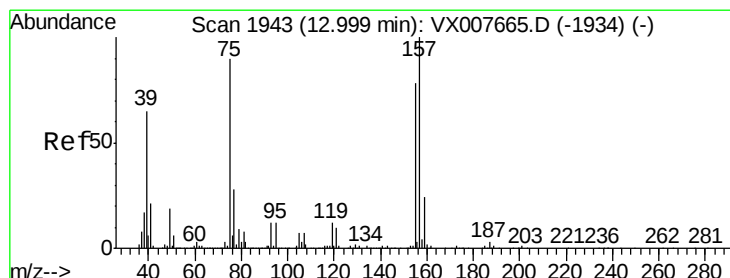
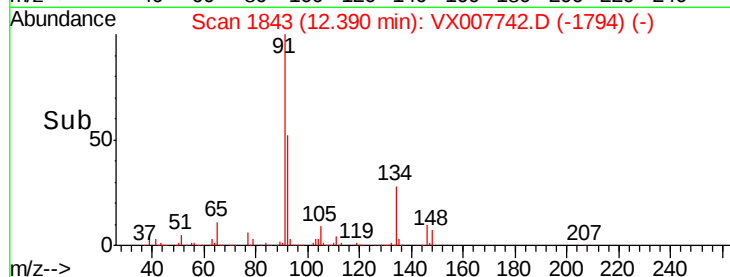
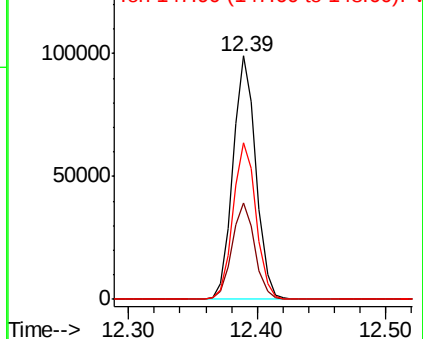
148 64.7 32.1 96.3



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.198 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

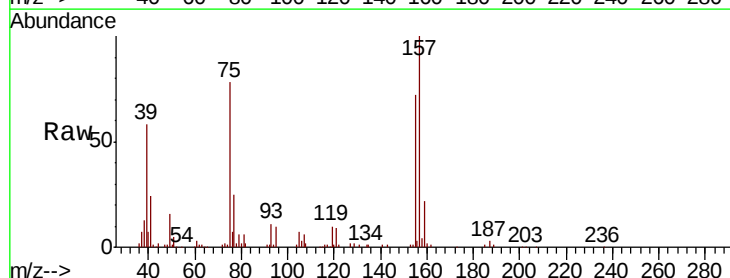
Tgt Ion: 75 Resp: 17967

Ion Ratio Lower Upper

75 100

155 92.6 49.6 149.0

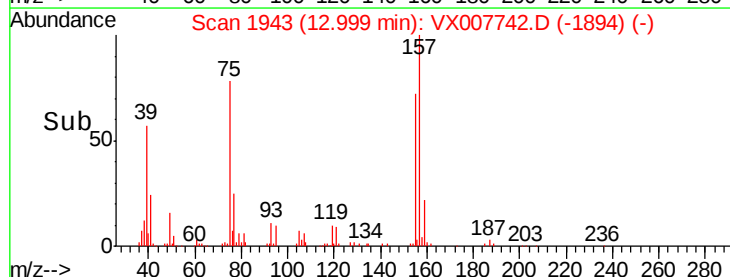
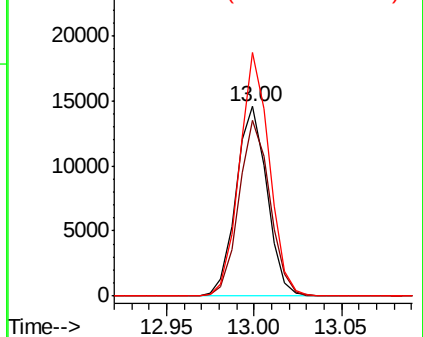
157 122.9 65.1 195.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

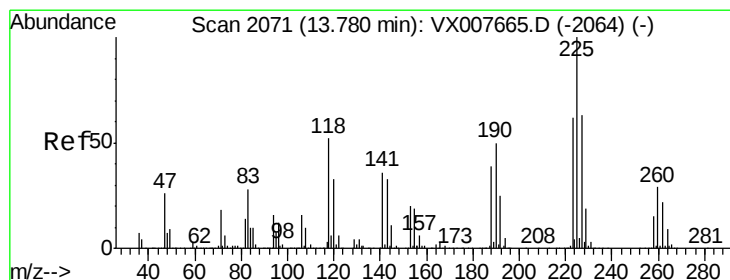
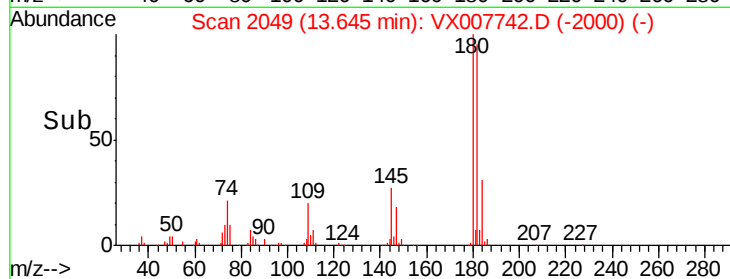
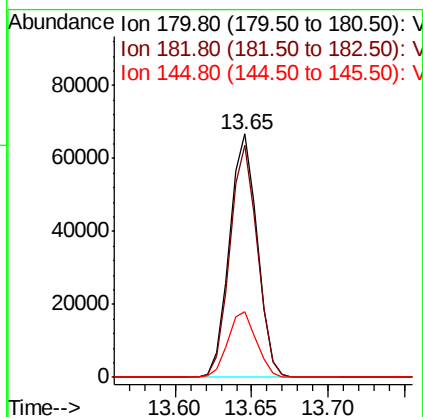
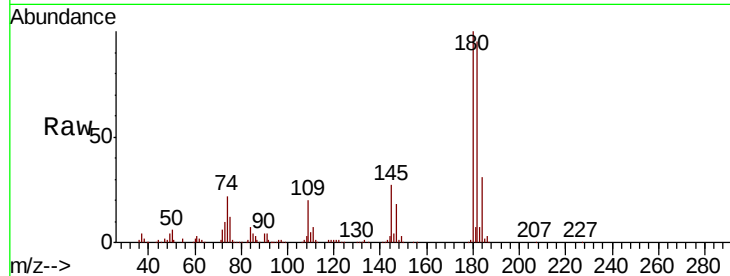




#93
 1,2,4-Trichlorobenzene
 Concen: 21.301 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007742.D
 Acq: 27 Feb 2019 18:58

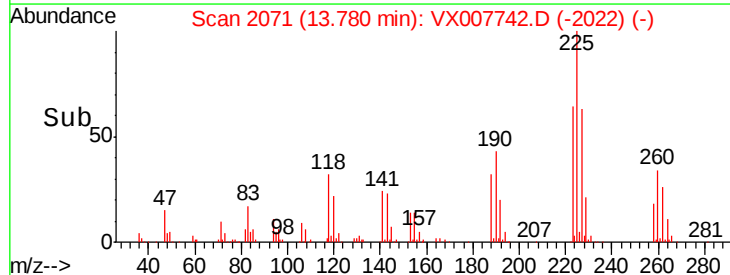
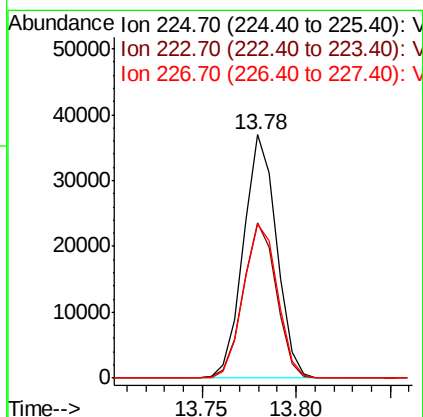
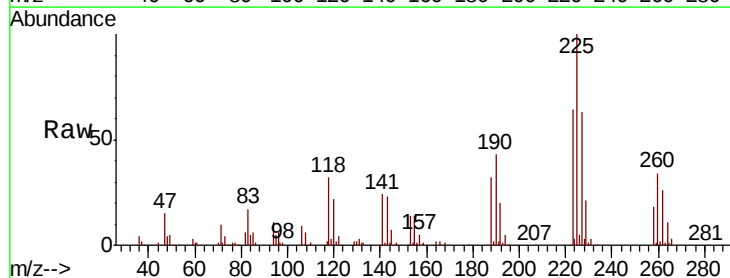
Instrument :
 MSVOA_X
 ClientSampleId :

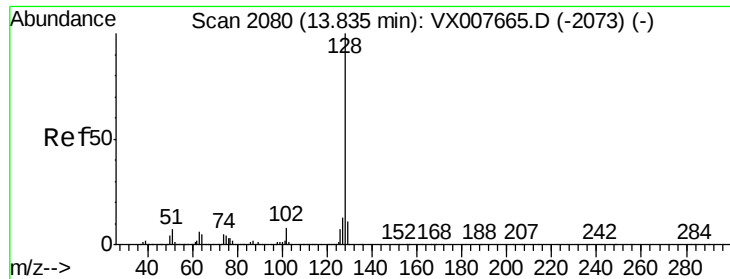
Tot Ion:180 Resp: 83908
 Ion Ratio Lower Upper
 180 100
 182 93.9 47.8 143.3
 145 27.6 14.1 42.2



#94
 Hexachlorobutadiene
 Concen: 24.955 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007742.D
 Acq: 27 Feb 2019 18:58

Tgt Ion:225 Resp: 44970
 Ion Ratio Lower Upper
 225 100
 223 63.8 31.6 94.8
 227 65.0 32.1 96.3





#95

Naphthalene

Concen: 19.720 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

Instrument :

MSVOA_X

ClientSampled :

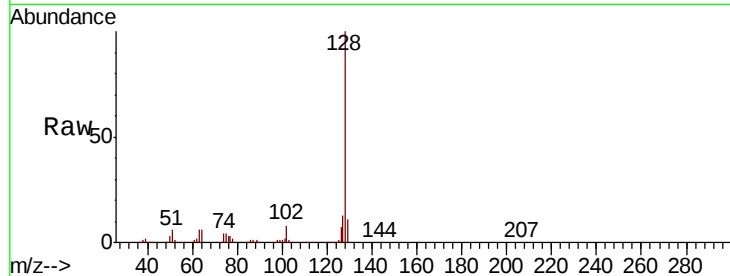
Tot Ion:128 Resp: 251675

Ion Ratio Lower Upper

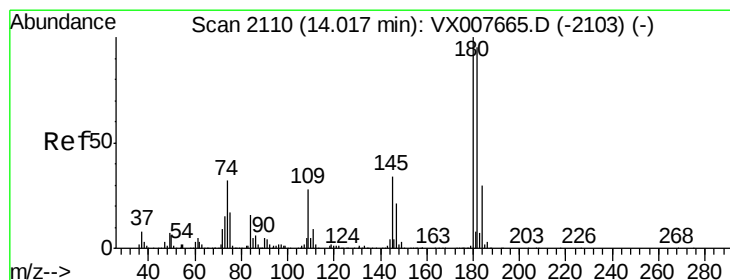
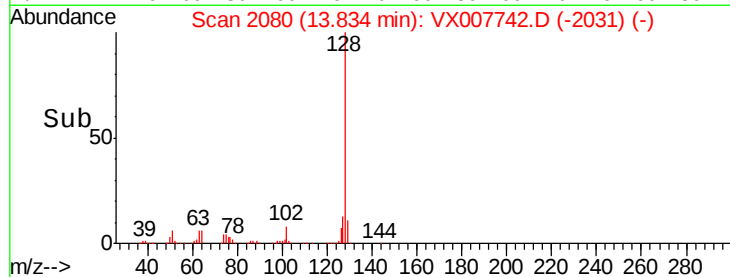
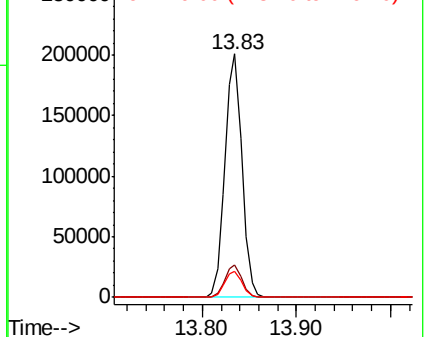
128 100

127 13.1 10.5 15.7

129 10.7 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: 21.580 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

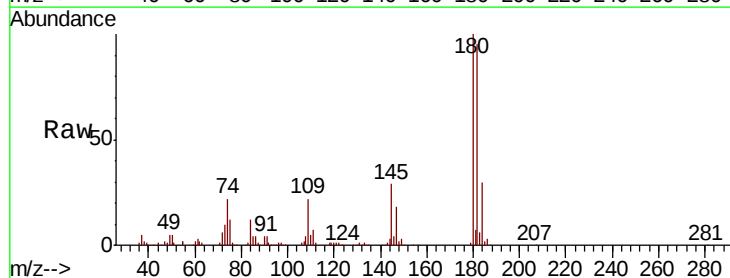
Tgt Ion:180 Resp: 85356

Ion Ratio Lower Upper

180 100

182 94.8 47.5 142.6

145 29.1 14.9 44.5



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

