

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031919\
 Data File : VX008227.D
 Acq On : 20 Mar 2019 07:21
 Operator : JC/SP
 Sample : K1882-10MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 20 08:41:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 20 06:51:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	290409	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	489251	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	429176	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	197952	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	207641	47.47	ug/l	0.00
Spiked Amount			Recovery	=	94.94%	
35) Dibromofluoromethane	5.50	113	156235	47.70	ug/l	0.00
Spiked Amount			Recovery	=	95.40%	
50) Toluene-d8	8.71	98	586941	47.27	ug/l	0.00
Spiked Amount			Recovery	=	94.54%	
62) 4-Bromofluorobenzene	11.13	95	207224	48.47	ug/l	0.00
Spiked Amount			Recovery	=	96.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	177882	50.521	ug/l	100
3) Chloromethane	1.33	50	204189	46.217	ug/l	98
4) Vinyl Chloride	1.41	62	213597	48.490	ug/l	100
5) Bromomethane	1.64	94	180078	47.992	ug/l	99
6) Chloroethane	1.72	64	131701	47.685	ug/l	100
7) Trichlorofluoromethane	1.93	101	266821	47.464	ug/l	97
8) Diethyl Ether	2.19	74	152851	52.848	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	183537	49.174	ug/l	91
10) Methyl Iodide	2.51	142	254645	53.583	ug/l	97
11) Tert butyl alcohol	3.05	59	243173	259.710	ug/l	100
12) 1,1-Dichloroethene	2.37	96	185558	52.660	ug/l	92
13) Acrolein	2.29	56	127516	190.948	ug/l	100
14) Allyl chloride	2.73	41	386403	50.375	ug/l	94
15) Acrylonitrile	3.15	53	640873	258.772	ug/l	99
16) Acetone	2.45	43	563414	227.122	ug/l	96
17) Carbon Disulfide	2.57	76	561072	48.797	ug/l	100
18) Methyl Acetate	2.78	43	247527	43.101	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	669617	52.558	ug/l	98
20) Methylene Chloride	2.86	84	208518	50.409	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	195707	51.412	ug/l	96
22) Diisopropyl ether	3.86	45	781709	52.034	ug/l	93
23) Vinyl Acetate	3.82	43	2631177	204.285	ug/l	98
24) 1,1-Dichloroethane	3.70	63	406838	52.654	ug/l	99
25) 2-Butanone	4.68	43	923879	252.301	ug/l	99
26) 2,2-Dichloropropane	4.59	77	198761	34.147	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	224460	51.724	ug/l	96
28) Bromochloromethane	5.02	49	162428	46.815	ug/l	83
29) Tetrahydrofuran	5.13	42	615068	268.693	ug/l	97
30) Chloroform	5.21	83	379452	52.501	ug/l	100
31) Cyclohexane	5.58	56	375542	51.759	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	318327	52.946	ug/l	96
36) 1,1-Dichloropropene	5.81	75	291400	51.157	ug/l	96
37) Ethyl Acetate	4.84	43	281903	41.866	ug/l	99
38) Carbon Tetrachloride	5.79	117	265188	52.251	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	7.46	83	334982	48.869	ug/l	93
40) Benzene	6.15	78	876797	52.006	ug/l	99
41) Methacrylonitrile	5.05	41	201840	53.439	ug/l	97
42) 1,2-Dichloroethane	6.20	62	314742	50.961	ug/l	96
43) Isopropyl Acetate	6.45	43	498085	46.149	ug/l	97
44) Trichloroethene	7.21	130	212919	51.650	ug/l	92
45) 1,2-Dichloropropane	7.51	63	241724	51.217	ug/l	99
46) Dibromomethane	7.66	93	144781	50.666	ug/l	88
47) Bromodichloromethane	7.90	83	286583	52.624	ug/l	99
48) Methyl methacrylate	7.77	41	299095	52.118	ug/l	93
49) 1,4-Dioxane	7.74	88	103681	1023.803	ug/l	94
51) 4-Methyl-2-Pentanone	8.64	43	1829346	262.175	ug/l	98
52) Toluene	8.79	92	513541	51.343	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	307662	45.250	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	334820	49.539	ug/l	92
55) 1,1,2-Trichloroethane	9.21	97	212709	52.636	ug/l	98
56) Ethyl methacrylate	9.18	69	347157	48.986	ug/l #	91
57) 1,3-Dichloropropane	9.37	76	372495	52.105	ug/l	100
59) 2-Hexanone	9.49	43	1380445	256.976	ug/l	96
60) Dibromochloromethane	9.59	129	210537	54.210	ug/l	99
61) 1,2-Dibromoethane	9.67	107	220673	52.297	ug/l	98
64) Tetrachloroethene	9.34	164	198531	51.274	ug/l	95
65) Chlorobenzene	10.14	112	538525	50.995	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	197436	53.623	ug/l	99
67) Ethyl Benzene	10.25	91	969218	52.082	ug/l	98
68) m/p-Xylenes	10.36	106	713403	104.360	ug/l	94
69) o-Xylene	10.70	106	347632	52.334	ug/l	95
70) Stvrene	10.71	104	576246	53.380	ug/l	96
71) Bromoform	10.85	173	153799	48.547	ug/l #	100
73) Isopropylbenzene	11.02	105	924907	52.419	ug/l	98
74) N-amyl acetate	10.90	43	376799	40.759	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	321605	50.831	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	380523	68.346	ug/l	90
77) Bromobenzene	11.26	156	222079	52.056	ug/l	86
78) n-propylbenzene	11.36	91	1075687	52.489	ug/l	96
79) 2-Chlorotoluene	11.42	91	630220	51.236	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	761766	52.257	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	92012	42.356	ug/l	94
82) 4-Chlorotoluene	11.51	91	738188	51.573	ug/l	95
83) tert-Butylbenzene	11.77	119	726105	52.173	ug/l	93
84) 1,2,4-Trimethylbenzene	11.80	105	779945	52.777	ug/l	97
85) sec-Butylbenzene	11.94	105	904748	52.495	ug/l	96
86) p-Isopropyltoluene	12.06	119	773233	51.830	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	389670	51.110	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	391863	49.690	ug/l	98
89) n-Butylbenzene	12.38	91	703864	50.268	ug/l	97
90) Hexachloroethane	12.60	117	135057	53.156	ug/l	84
91) 1,2-Dichlorobenzene	12.39	146	393364	51.170	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	72511	51.599	ug/l	80
93) 1,2,4-Trichlorobenzene	13.65	180	256252	50.607	ug/l	99

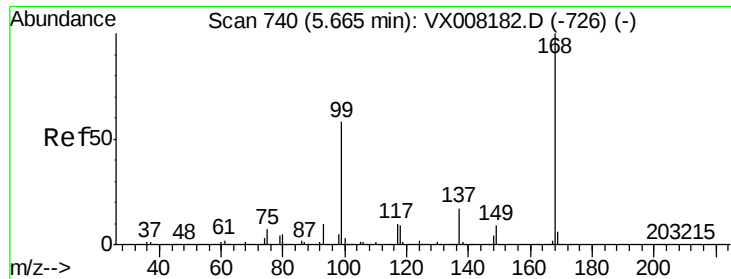
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	121014	49.002	ug/l	99
95) Naphthalene	13.83	128	858746	53.733	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	260963	52.377	ug/l	99

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

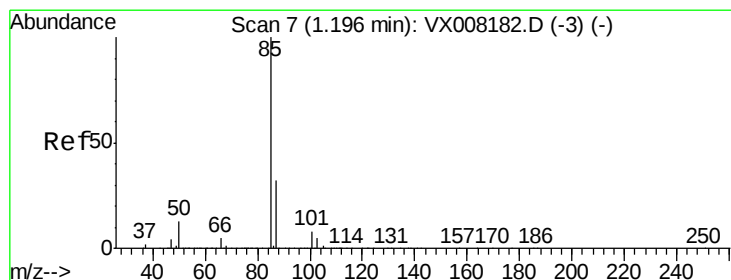
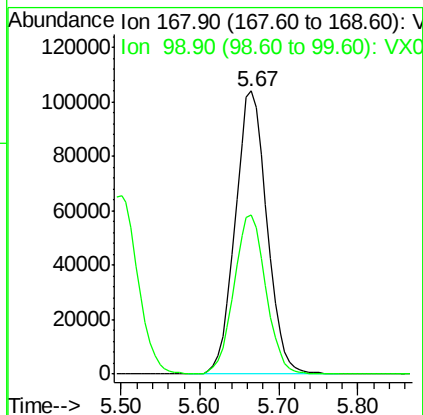
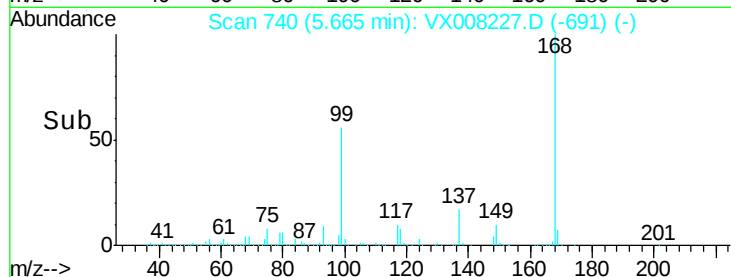
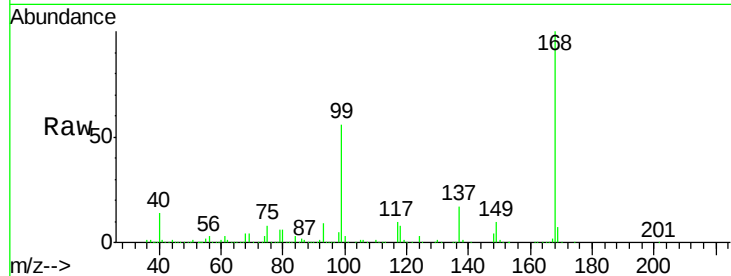


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.00 min
 Lab File: VX008227.D
 Acq: 20 Mar 2019 07:21

Instrument :
 MSVOA_X
 ClientSampleId :

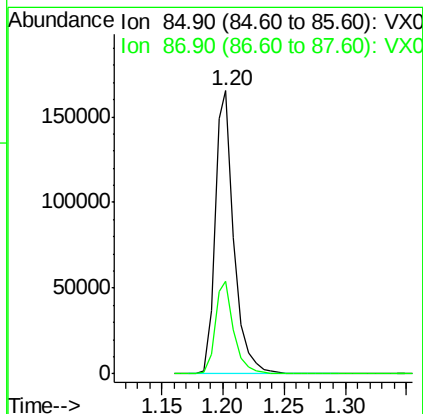
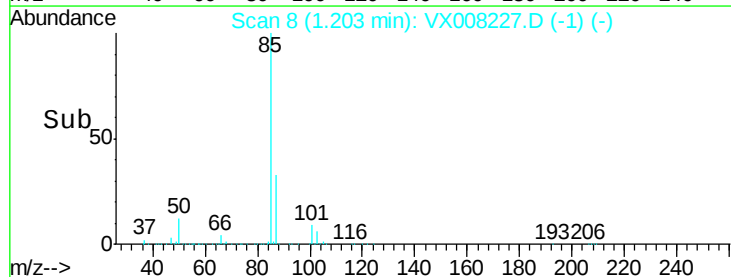
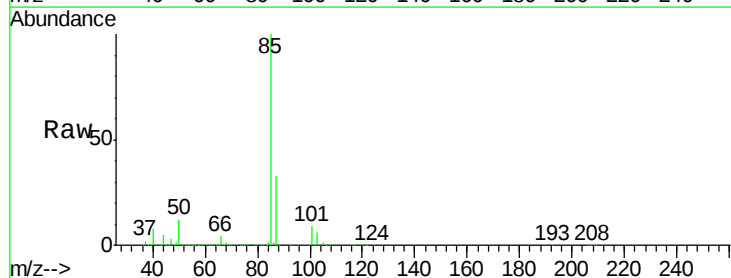
Tot Ion:168 Resp: 290409
 Ion Ratio Lower Upper
 168 100
 99 55.9 37.6 56.4

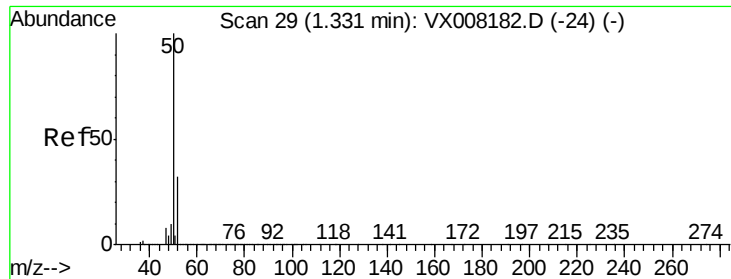


#2

Dichlorodifluoromethane
 Concen: 50.521 ug/l
 RT: 1.20 min Scan# 8
 Delta R.T. 0.01 min
 Lab File: VX008227.D
 Acq: 20 Mar 2019 07:21

Tgt Ion: 85 Resp: 177882
 Ion Ratio Lower Upper
 85 100
 87 32.9 16.4 49.1





#3

Chloromethane

Concen: 46.217 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

Instrument :

MSVOA_X

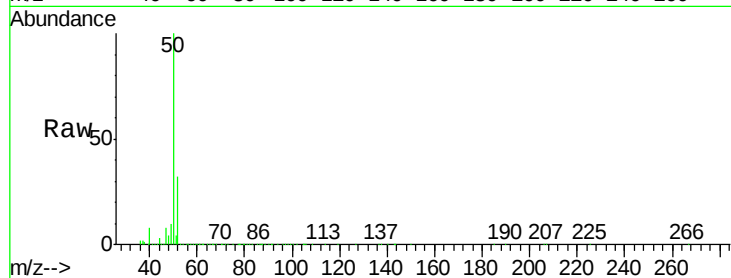
ClientSampleId :

Tot Ion: 50 Resp: 204189

Ion Ratio Lower Upper

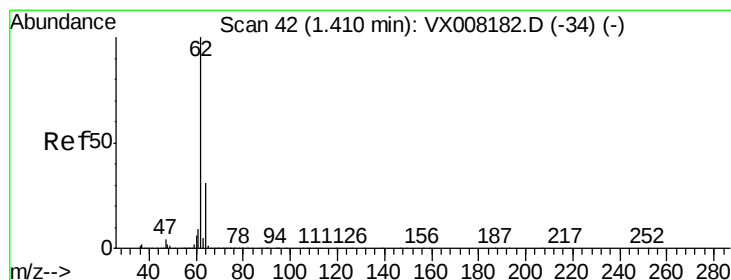
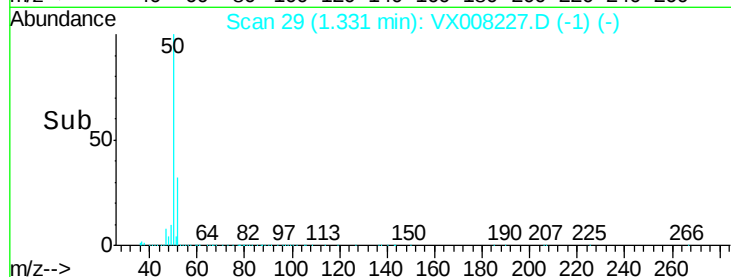
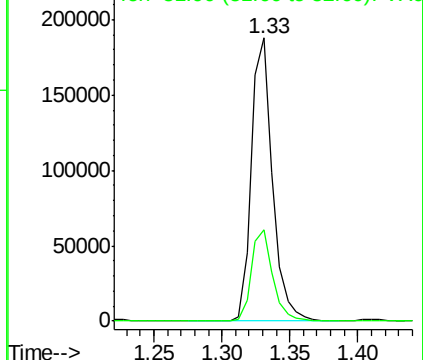
50 100

52 32.2 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 48.490 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008227.D

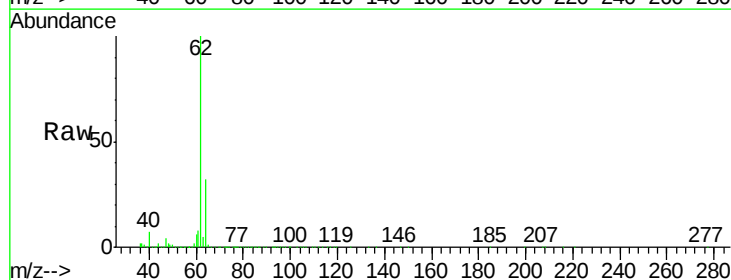
Acq: 20 Mar 2019 07:21

Tgt Ion: 62 Resp: 213597

Ion Ratio Lower Upper

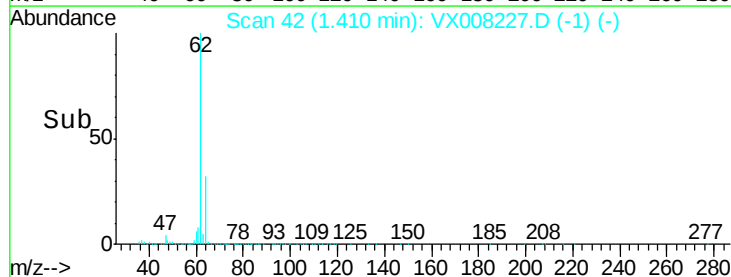
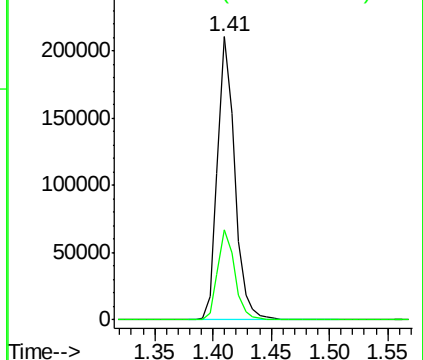
62 100

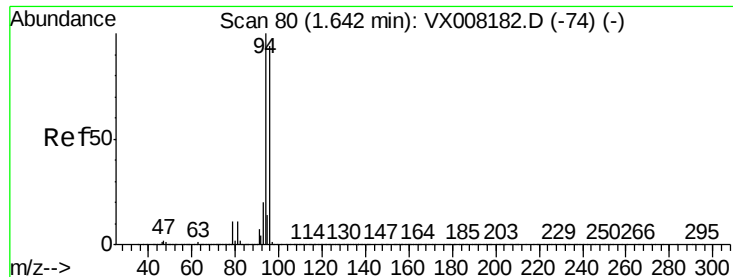
64 31.8 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 47.992 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

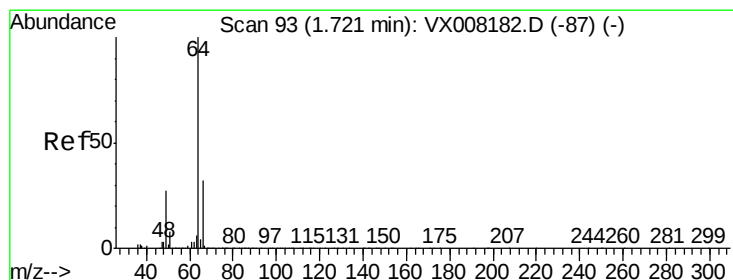
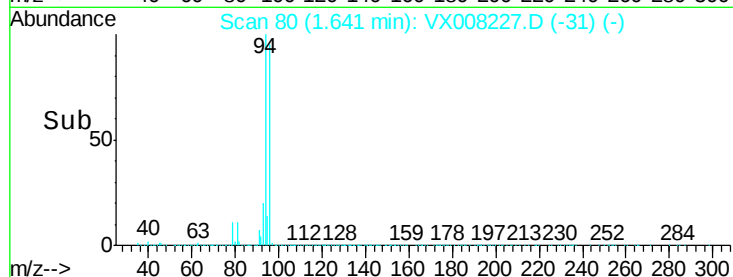
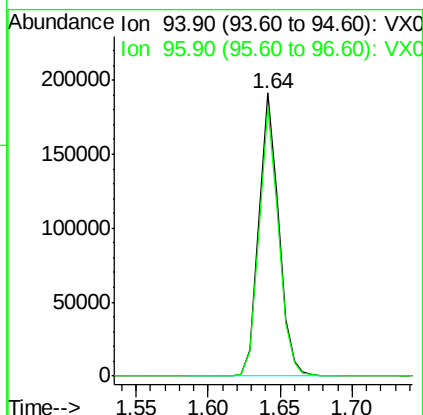
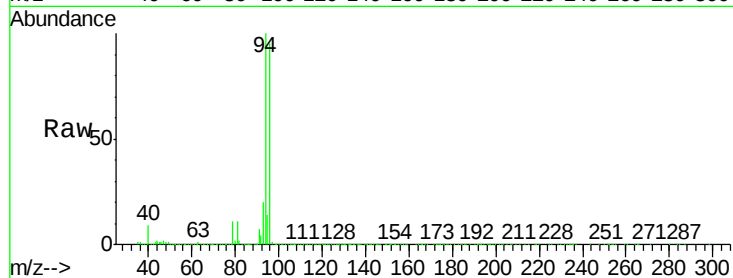
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 180078

Ion Ratio Lower Upper

94 100

96 95.1 75.5 113.3



#6

Chloroethane

Concen: 47.685 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX008227.D

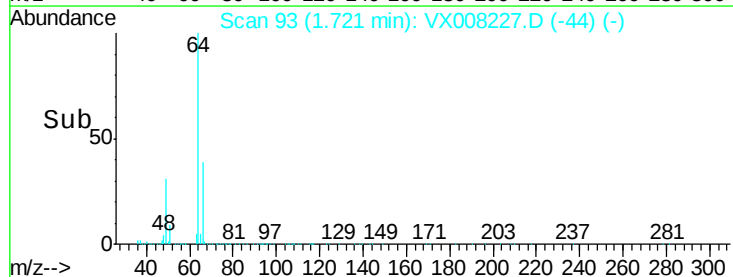
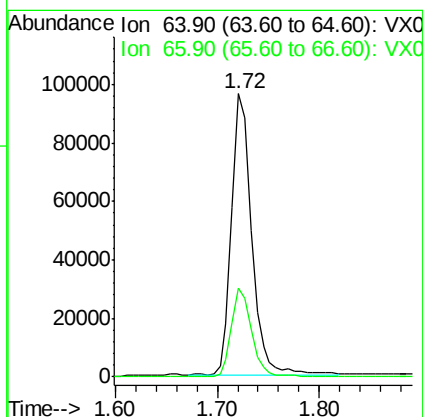
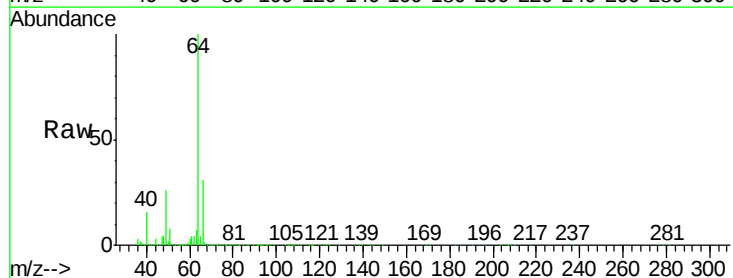
Acq: 20 Mar 2019 07:21

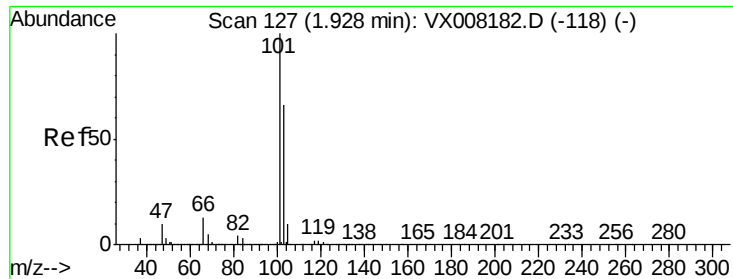
Tgt Ion: 64 Resp: 131701

Ion Ratio Lower Upper

64 100

66 31.2 25.2 37.8



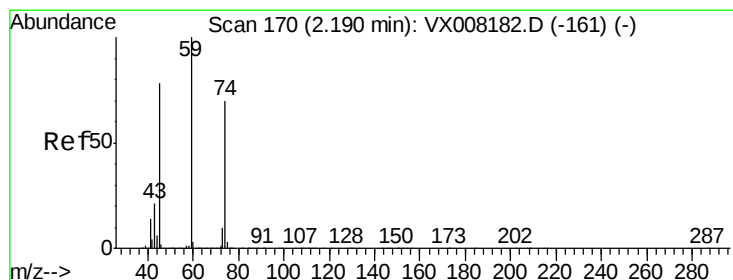
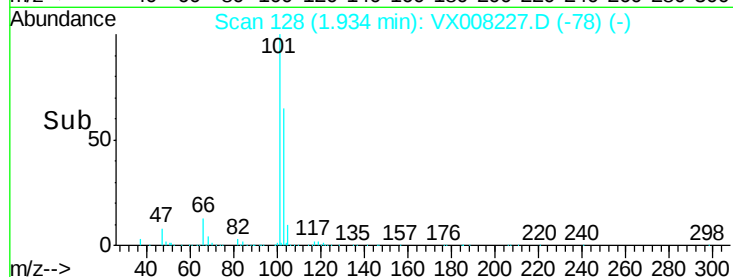
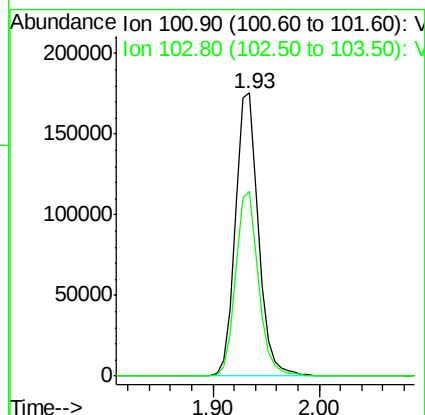
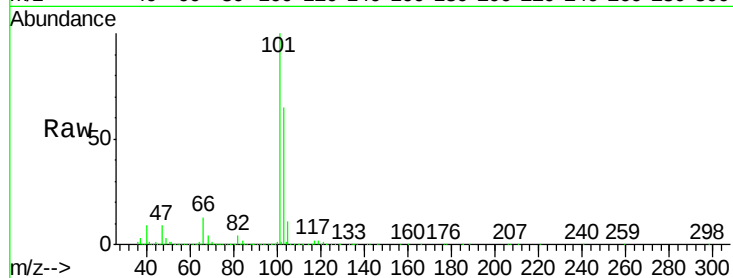


#7

Trichlorofluoromethane
Concen: 47.464 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX008227.D
Acq: 20 Mar 2019 07:21

Instrument :
MSVOA_X
ClientSampleId :

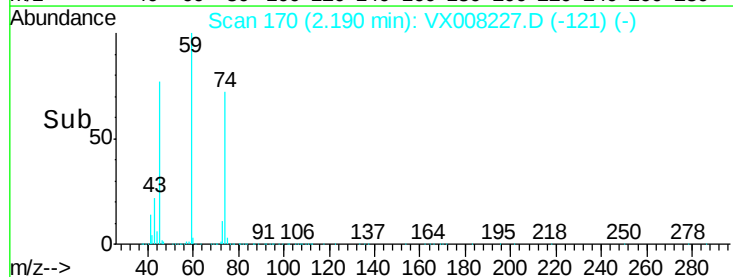
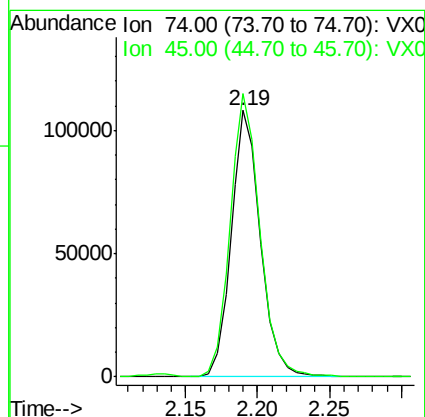
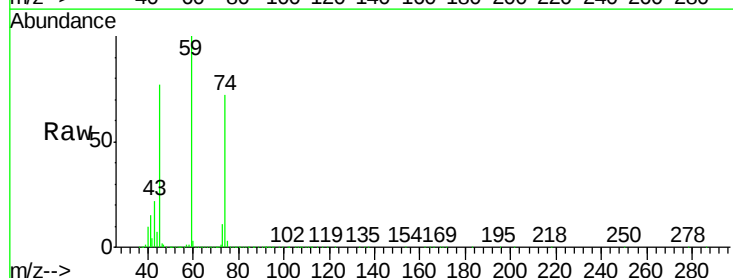
Tot Ion:101 Resp: 266821
Ion Ratio Lower Upper
101 100
103 65.3 50.4 75.6

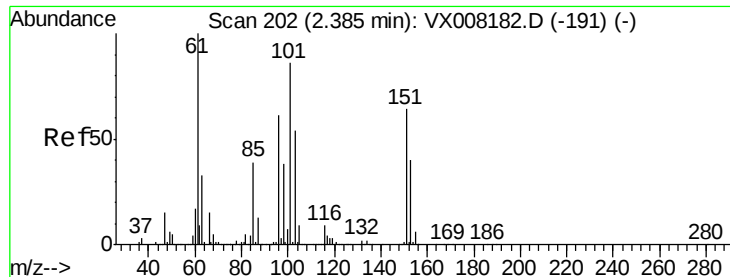


#8

Diethyl Ether
Concen: 52.848 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX008227.D
Acq: 20 Mar 2019 07:21

Tgt Ion: 74 Resp: 152851
Ion Ratio Lower Upper
74 100
45 108.4 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.174 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

Instrument :

MSVOA_X

ClientSampleId :

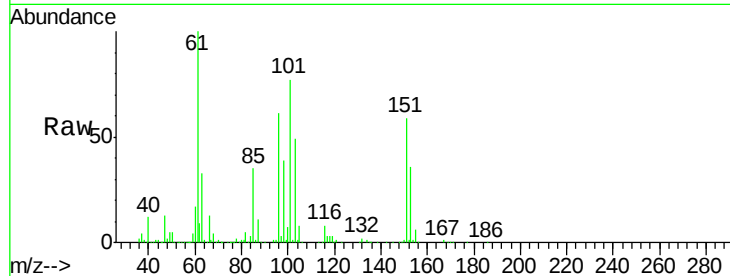
Tot Ion:101 Resp: 183537

Ion Ratio Lower Upper

101 100

85 45.6 33.8 50.6

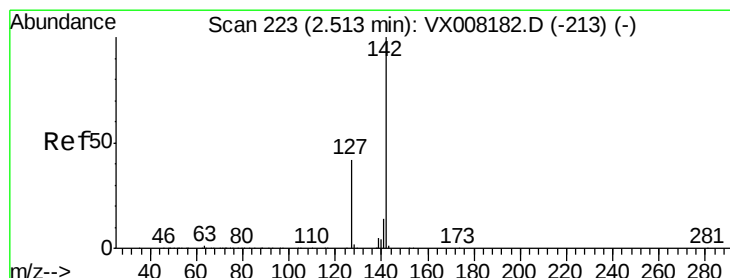
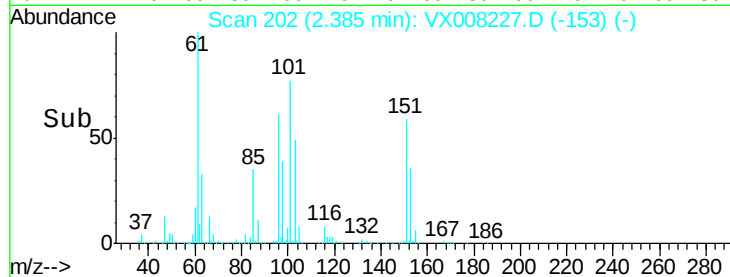
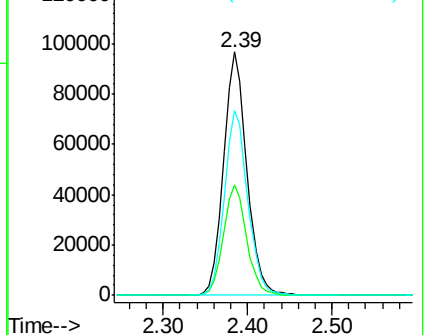
151 76.2 69.1 103.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 53.583 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

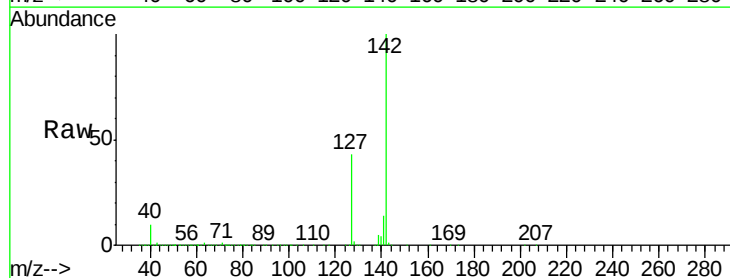
Tgt Ion:142 Resp: 254645

Ion Ratio Lower Upper

142 100

127 42.8 32.1 48.1

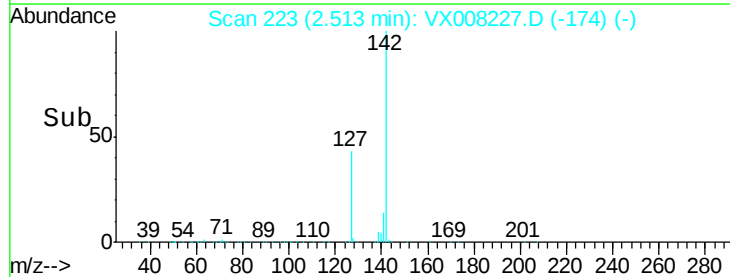
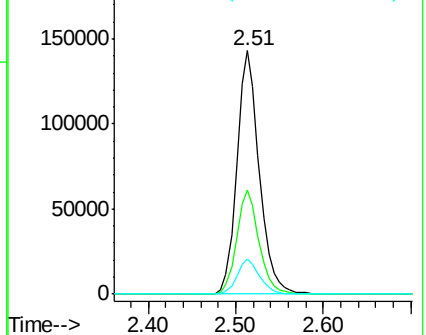
141 14.4 11.4 17.2

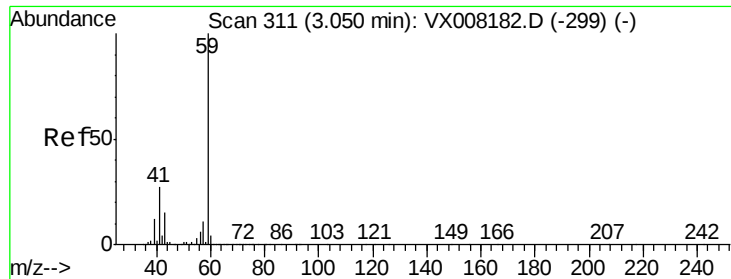


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

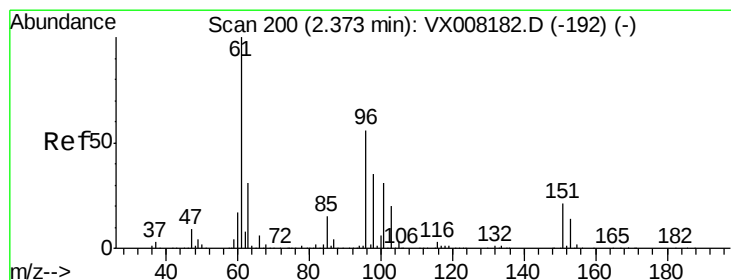
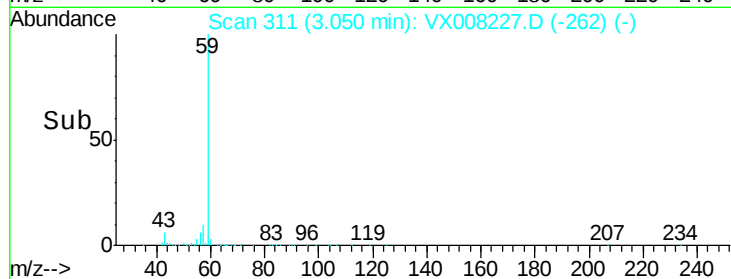
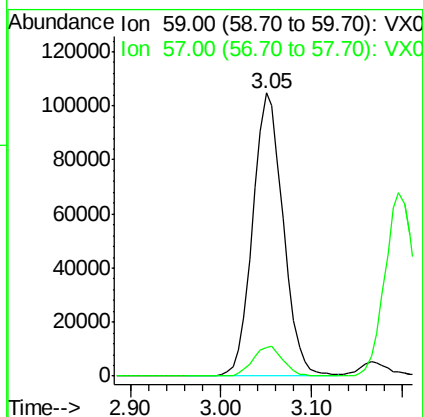
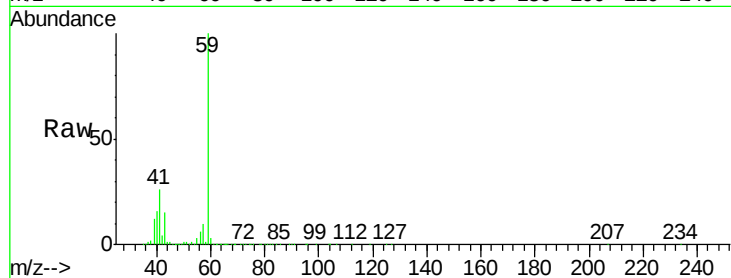




#11
Tert butyl alcohol
Concen: 259.710 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.00 min
Lab File: VX008227.D
Acq: 20 Mar 2019 07:21

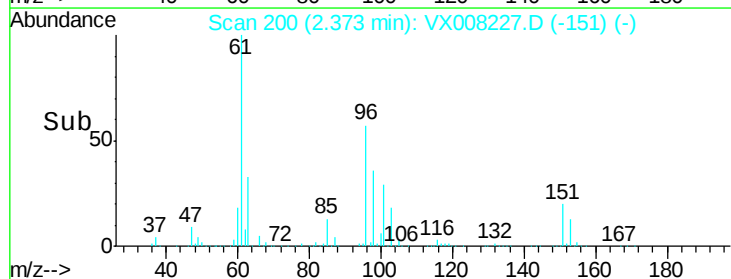
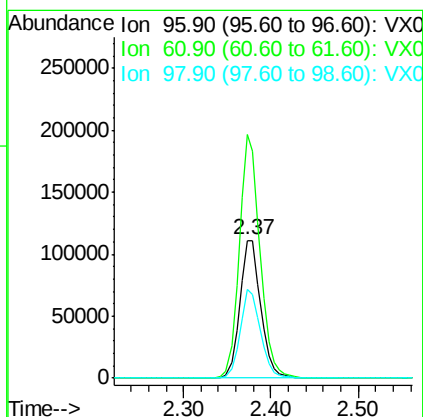
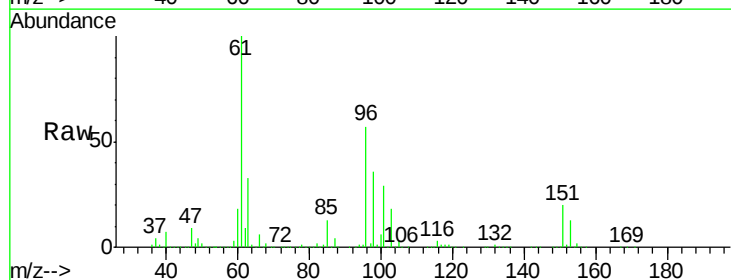
Instrument :
MSVOA_X
ClientSampleId :

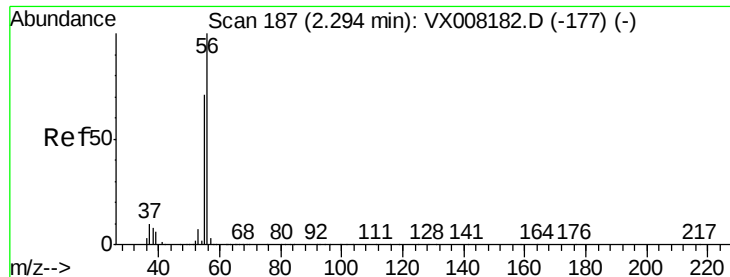
Tot Ion: 59 Resp: 243173
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.2



#12
1,1-Dichloroethene
Concen: 52.660 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX008227.D
Acq: 20 Mar 2019 07:21

Tgt Ion: 96 Resp: 185558
Ion Ratio Lower Upper
96 100
61 176.4 129.8 194.6
98 64.0 51.0 76.6





#13

Acrolein

Concen: 190.948 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

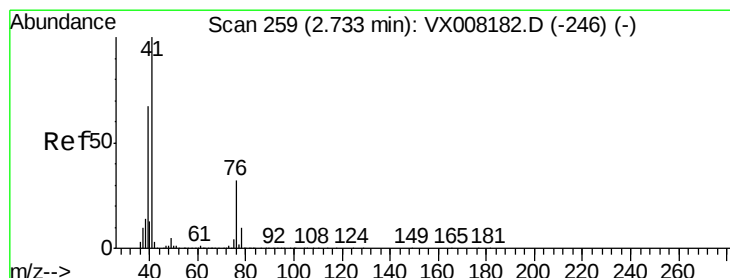
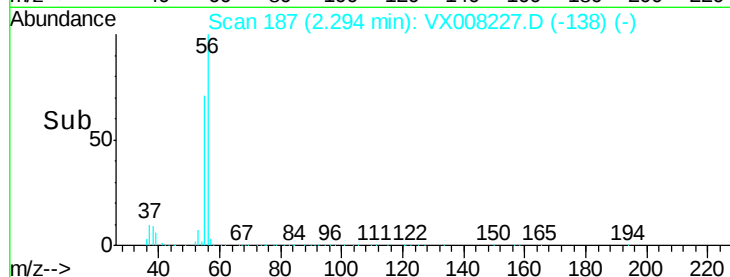
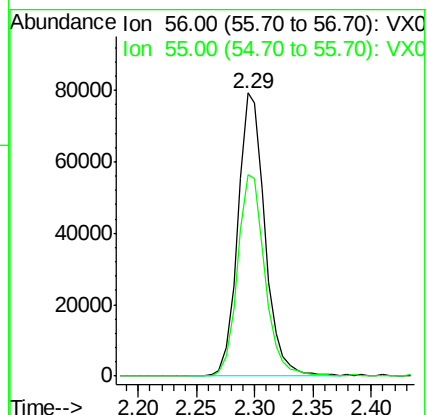
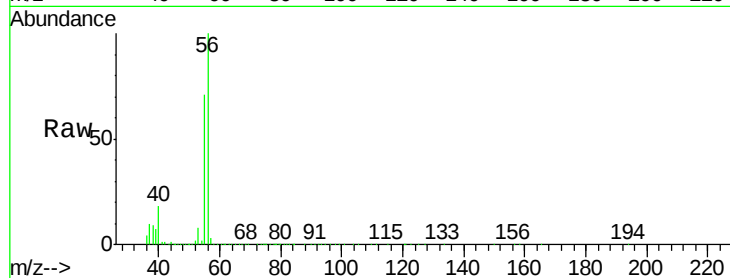
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 127516

Ion Ratio Lower Upper

56 100

55 71.9 57.8 86.6



#14

Allyl chloride

Concen: 50.375 ug/l

RT: 2.73 min Scan# 259

Delta R.T. -0.00 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

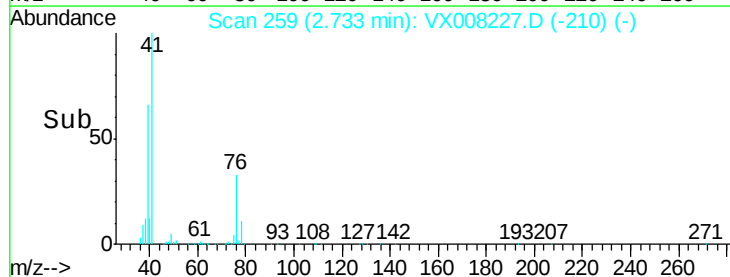
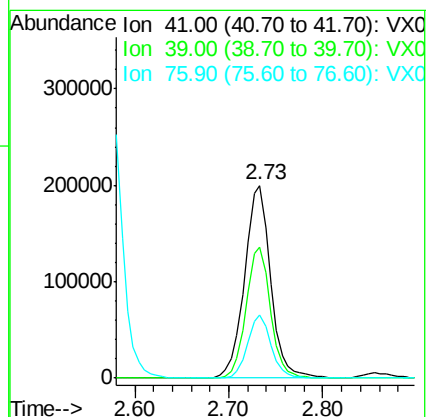
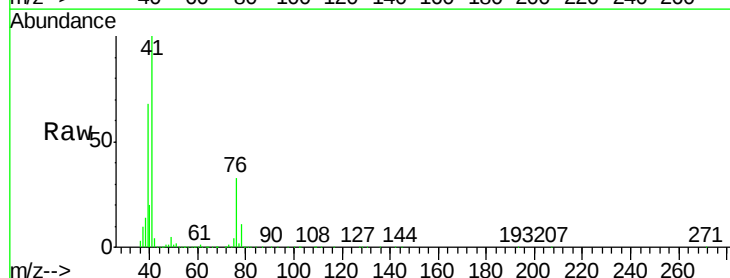
Tgt Ion: 41 Resp: 386403

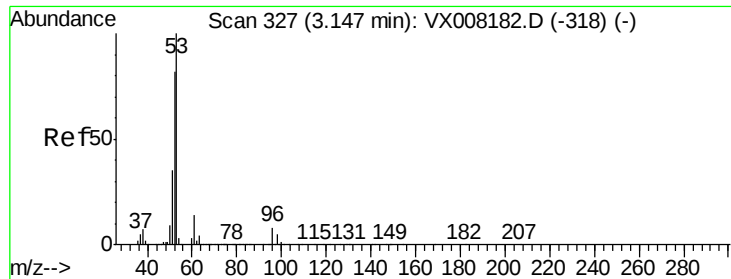
Ion Ratio Lower Upper

41 100

39 63.8 46.1 69.1

76 29.3 24.0 36.0





#15

Acrylonitrile

Concen: 258.772 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

Instrument :

MSVOA_X

ClientSampled :

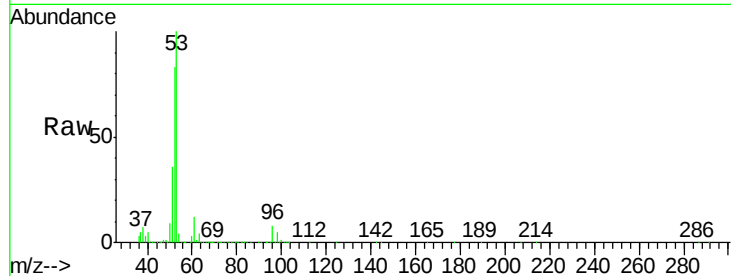
Tot Ion: 53 Resp: 640873

Ion Ratio Lower Upper

53 100

52 82.9 66.0 99.0

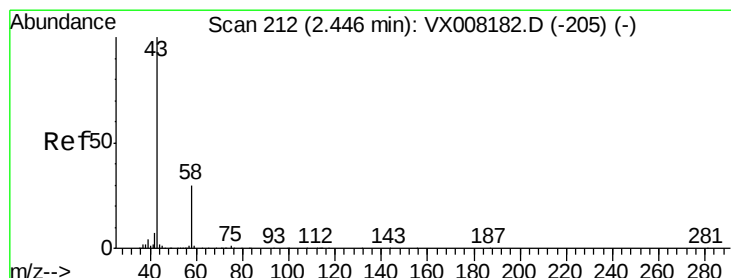
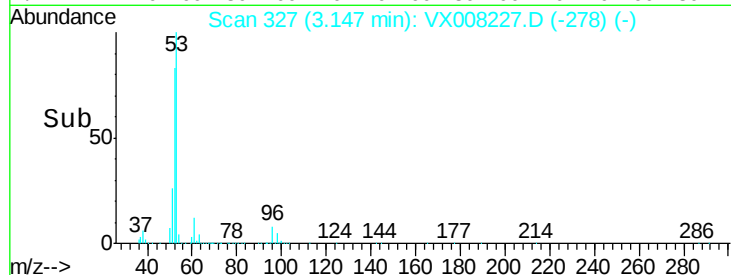
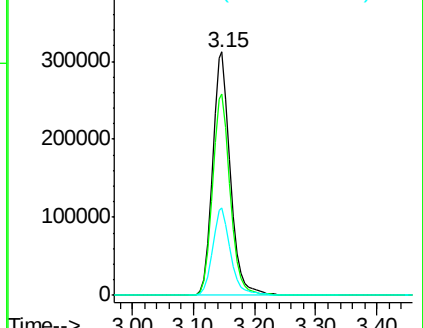
51 36.3 28.0 42.0



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: 227.122 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008227.D

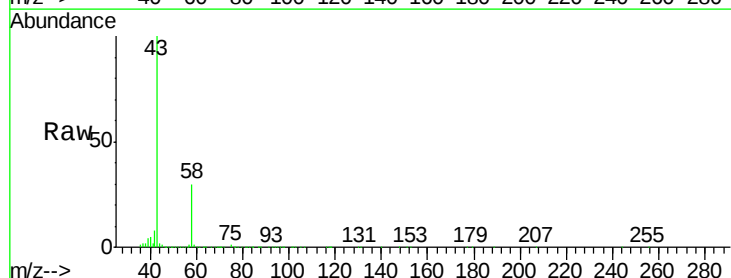
Acq: 20 Mar 2019 07:21

Tgt Ion: 43 Resp: 563414

Ion Ratio Lower Upper

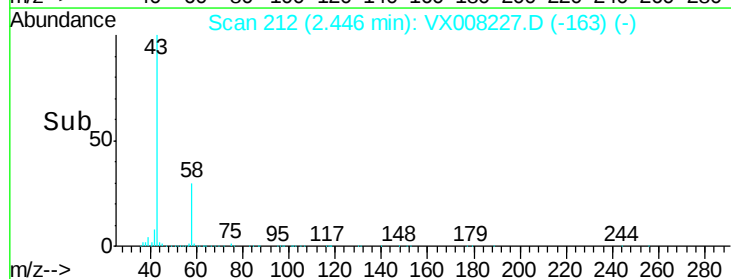
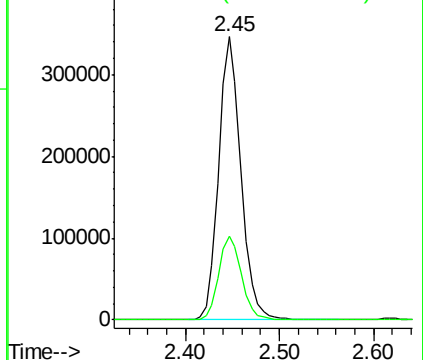
43 100

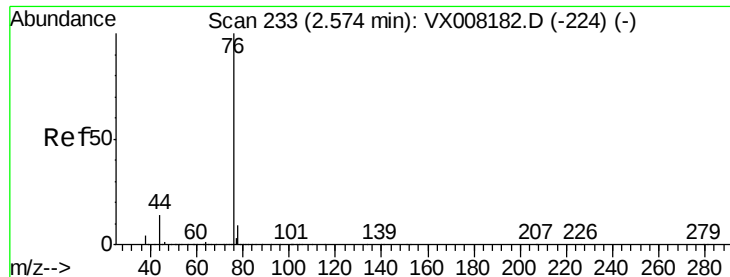
58 29.7 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

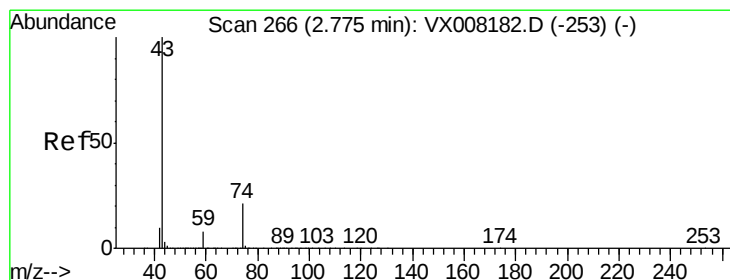
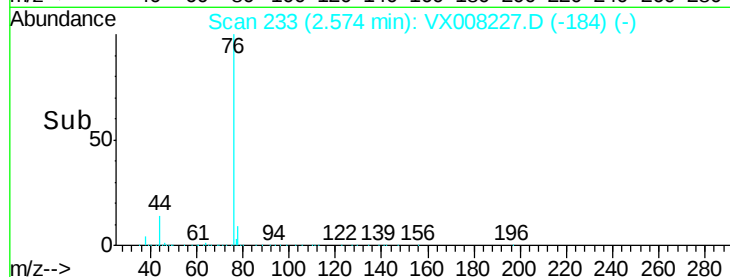
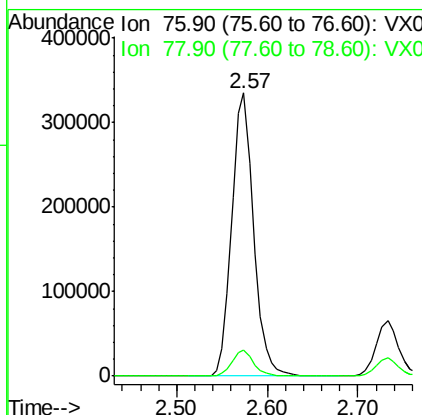
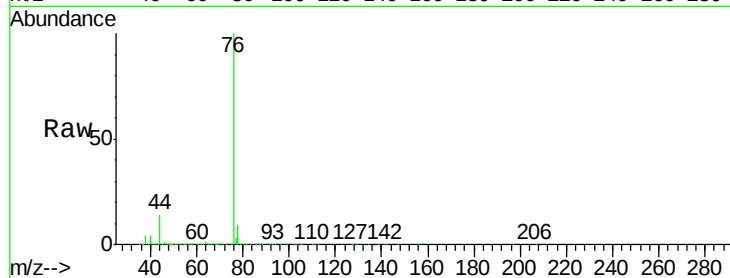




#17
Carbon Disulfide
Concen: 48.797 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.00 min
Lab File: VX008227.D
Acq: 20 Mar 2019 07:21

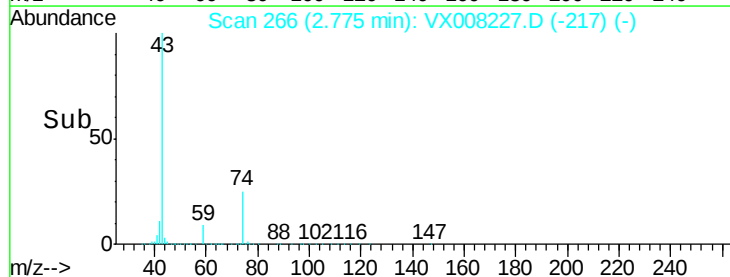
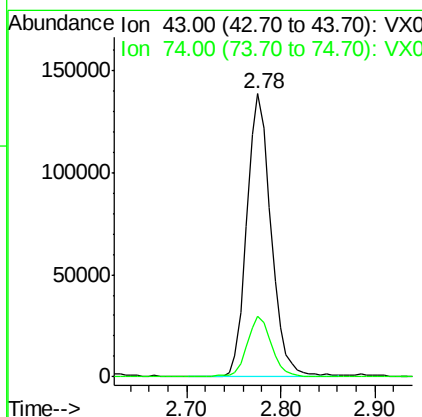
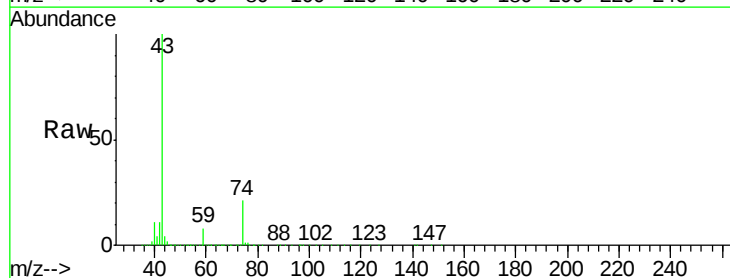
Instrument :
MSVOA_X
ClientSampleId :

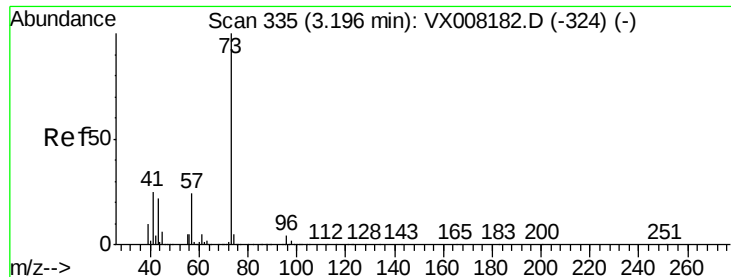
Tot Ion: 76 Resp: 561072
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#18
Methyl Acetate
Concen: 43.101 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX008227.D
Acq: 20 Mar 2019 07:21

Tgt Ion: 43 Resp: 247527
Ion Ratio Lower Upper
43 100
74 21.7 17.8 26.6



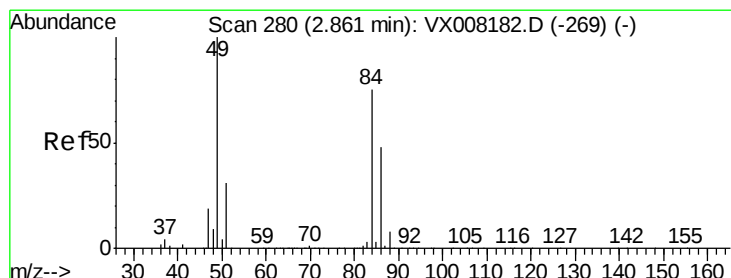
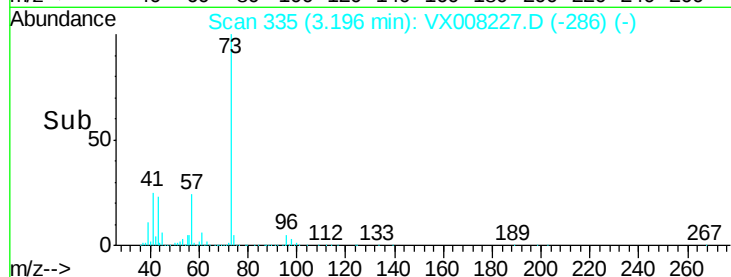
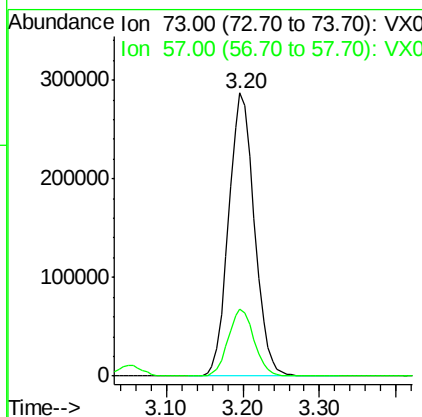
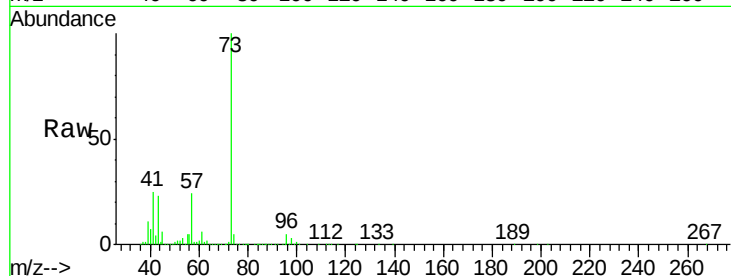


#19

Methyl tert-butyl Ether
 Concen: 52.558 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.00 min
 Lab File: VX008227.D
 Acq: 20 Mar 2019 07:21

Instrument :
 MSVOA_X
 ClientSampleId :

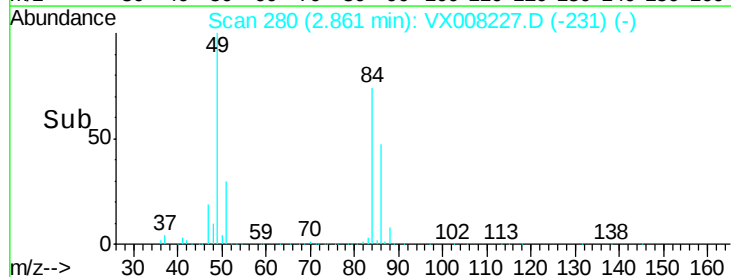
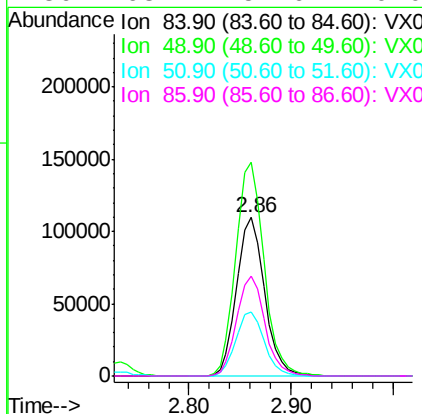
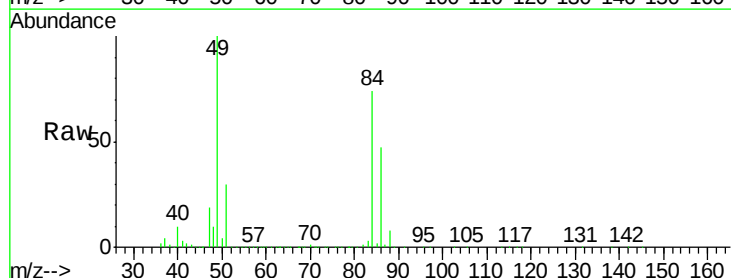
Tot Ion: 73 Resp: 669617
 Ion Ratio Lower Upper
 73 100
 57 23.6 18.2 27.4

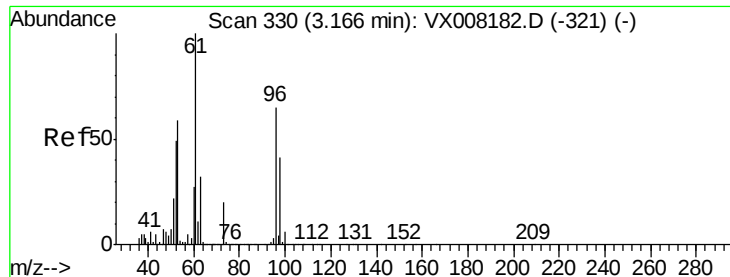


#20

Methylene Chloride
 Concen: 50.409 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. -0.00 min
 Lab File: VX008227.D
 Acq: 20 Mar 2019 07:21

Tgt Ion: 84 Resp: 208518
 Ion Ratio Lower Upper
 84 100
 49 134.6 99.3 148.9
 51 40.1 31.3 46.9
 86 63.1 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 51.412 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.01 min

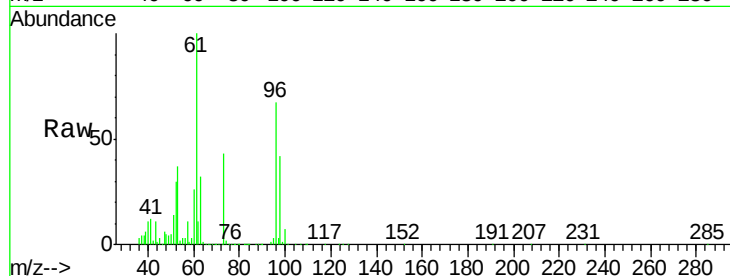
Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 96 Resp: 195707

Ion	Ratio	Lower	Upper
96	100		
61	149.0	114.4	171.6
98	62.7	51.1	76.7

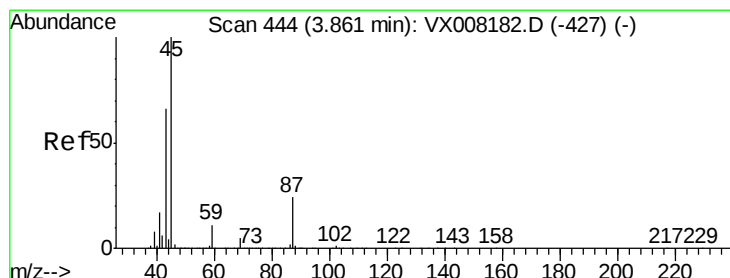
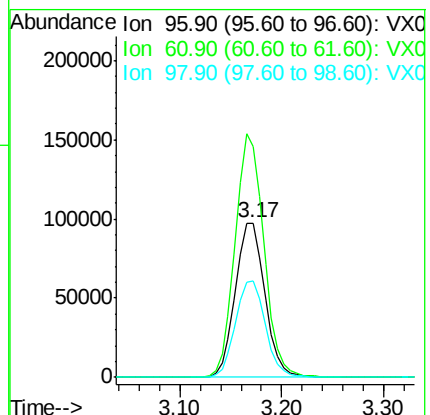
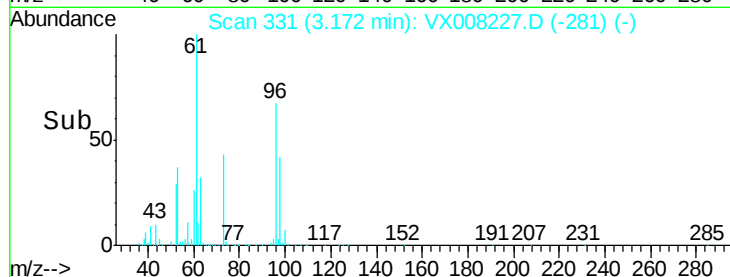


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 52.034 ug/l

RT: 3.86 min Scan# 444

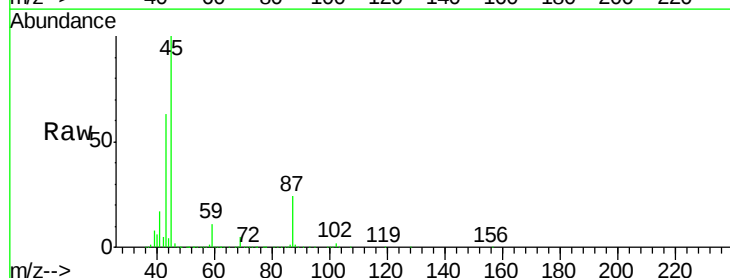
Delta R.T. -0.00 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

Tgt Ion: 45 Resp: 781709

Ion	Ratio	Lower	Upper
45	100		
43	62.6	45.3	67.9
87	24.0	21.4	32.0
59	11.1	9.5	14.3



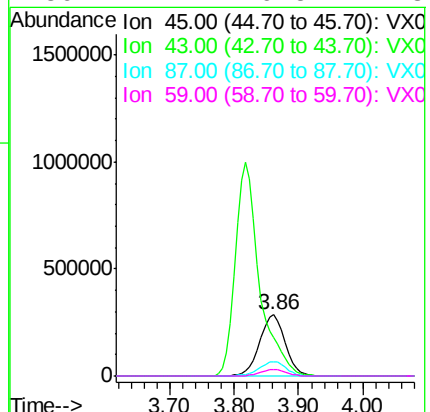
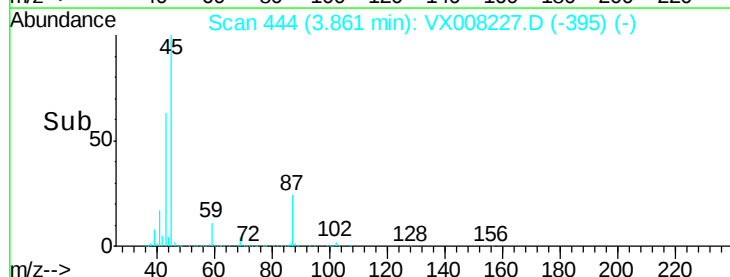
Abundance

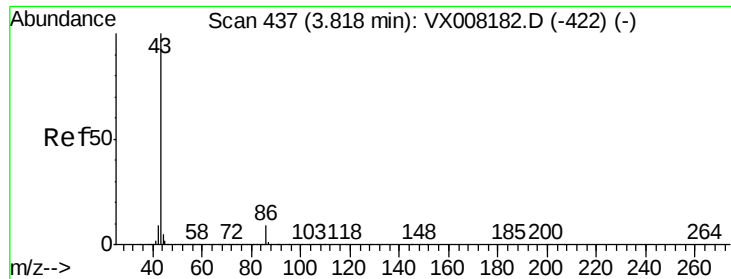
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 204.285 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

Instrument :

MSVOA_X

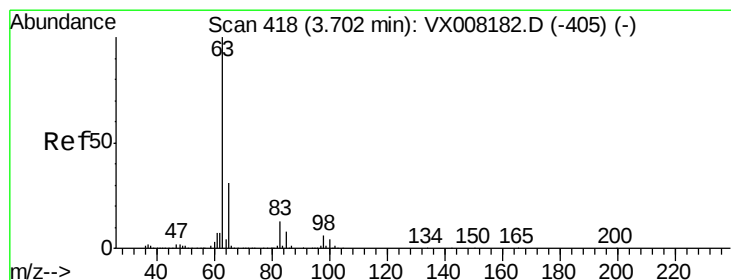
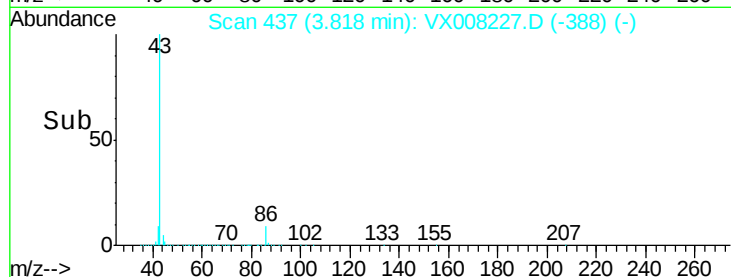
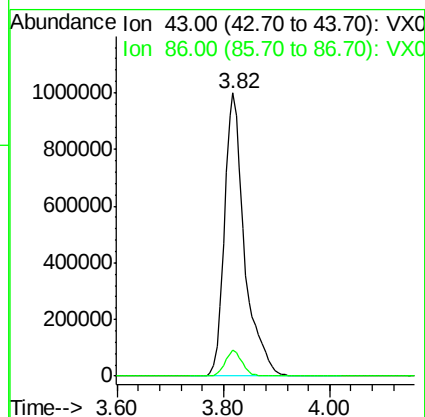
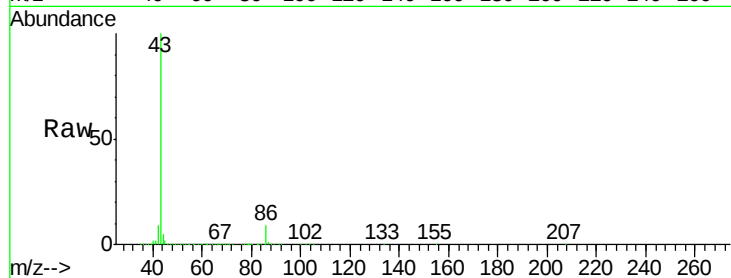
ClientSampled :

Tot Ion: 43 Resp: 2631177

Ion Ratio Lower Upper

43 100

86 9.1 7.9 11.9



#24

1,1-Dichloroethane

Concen: 52.654 ug/l

RT: 3.70 min Scan# 418

Delta R.T. -0.00 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

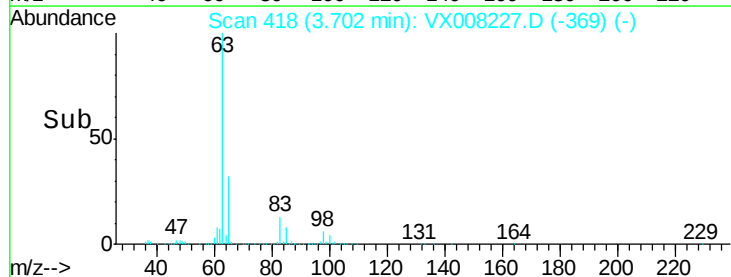
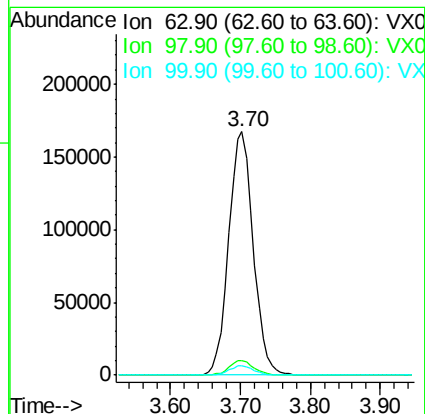
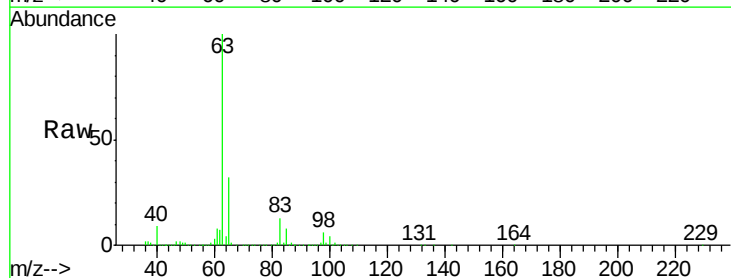
Tgt Ion: 63 Resp: 406838

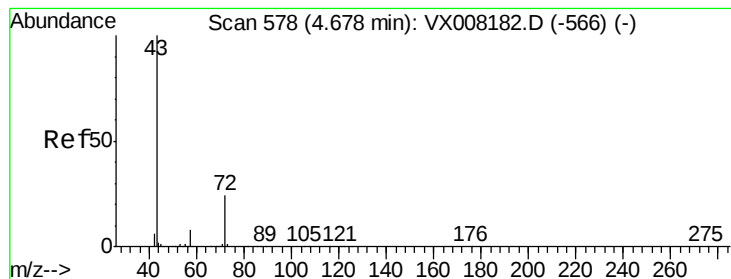
Ion Ratio Lower Upper

63 100

98 6.0 3.3 9.8

100 4.1 2.3 6.8





#25

2-Butanone

Concen: 252.301 ug/l

RT: 4.68 min Scan# 578

Delta R.T. -0.00 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

Instrument :

MSVOA_X

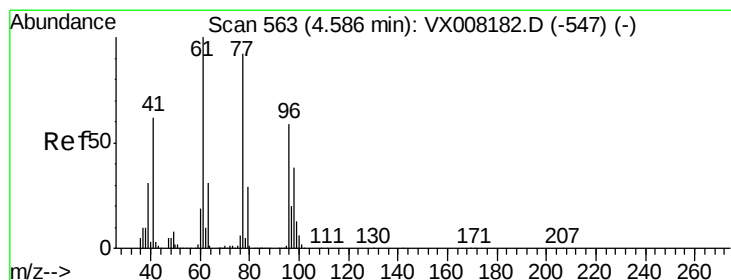
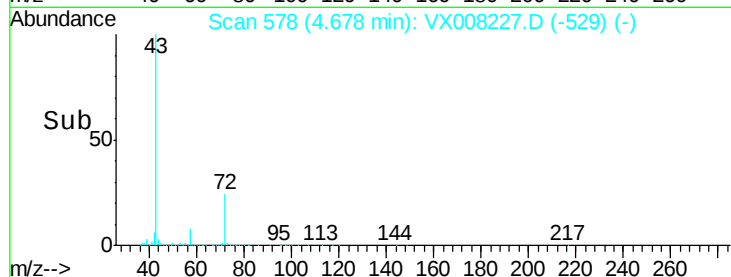
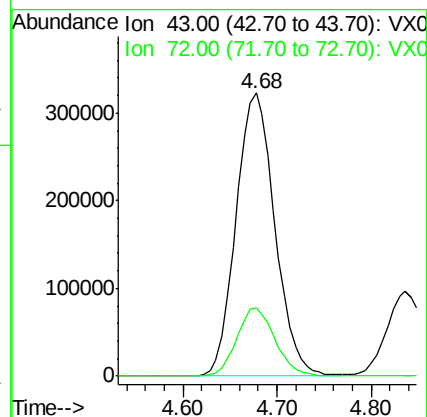
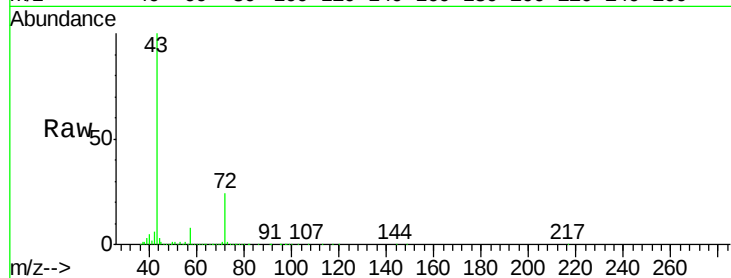
ClientSampled :

Tot Ion: 43 Resp: 923879

Ion Ratio Lower Upper

43 100

72 24.2 19.9 29.9



#26

2,2-Dichloropropane

Concen: 34.147 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX008227.D

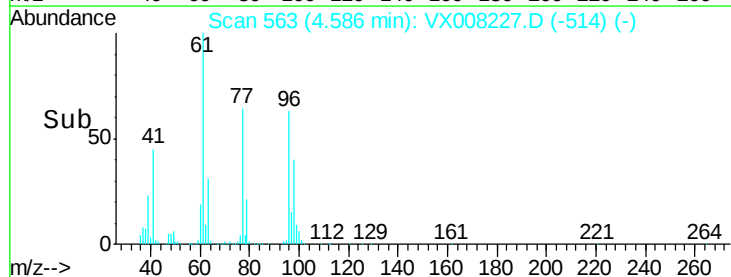
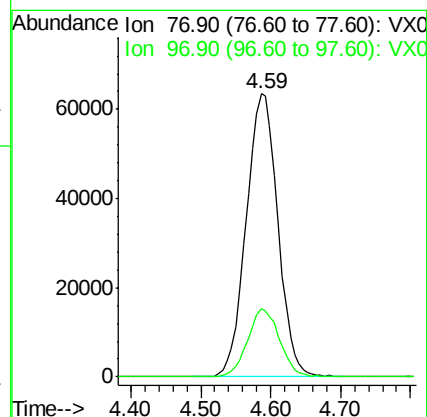
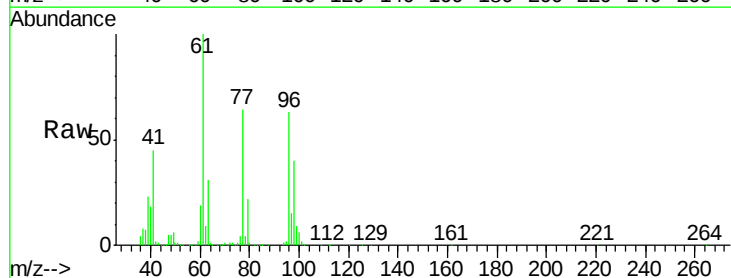
Acq: 20 Mar 2019 07:21

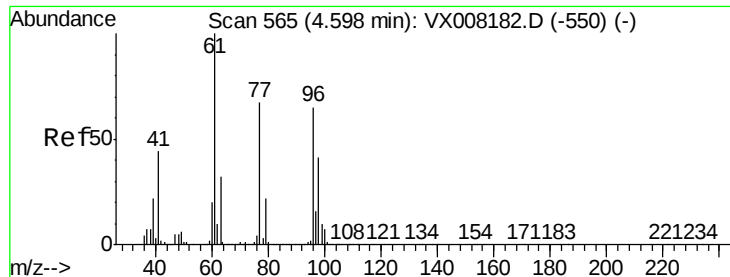
Tgt Ion: 77 Resp: 198761

Ion Ratio Lower Upper

77 100

97 24.2 12.2 36.6



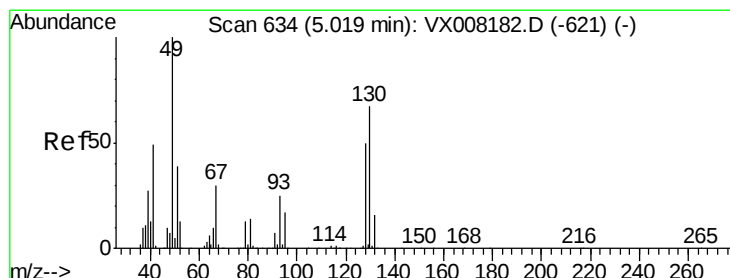
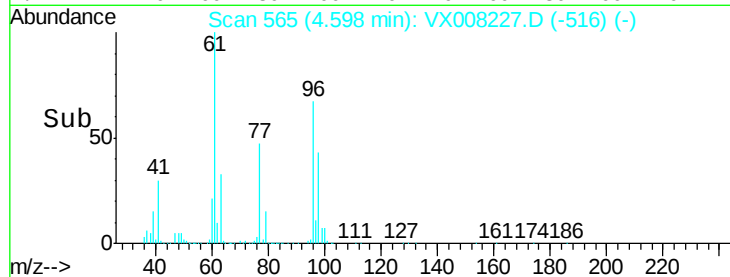
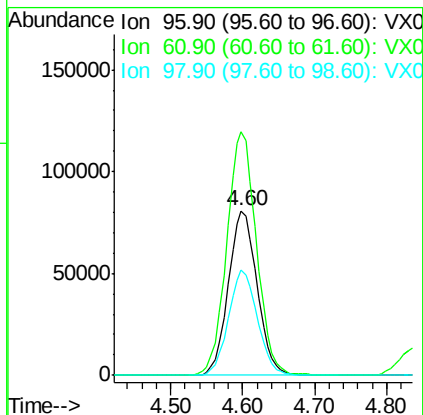
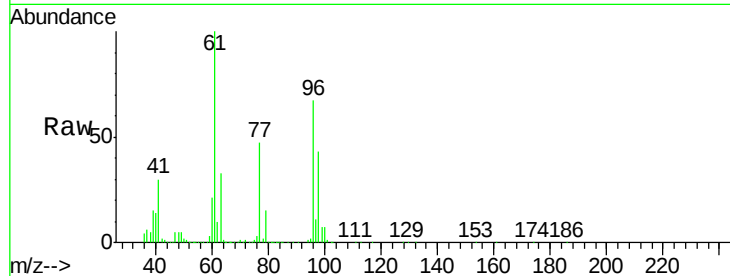


#27

cis-1,2-Dichloroethene
Concen: 51.724 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX008227.D
Acq: 20 Mar 2019 07:21

Instrument :
MSVOA_X
ClientSampled :

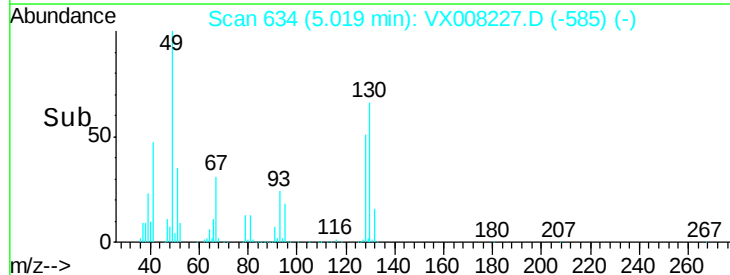
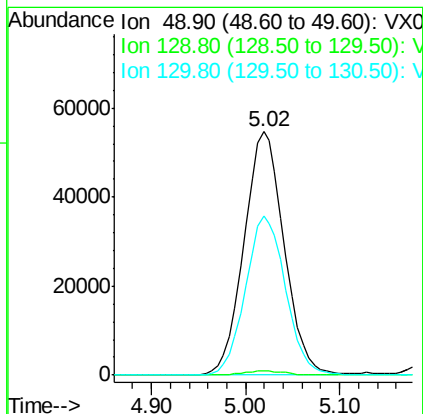
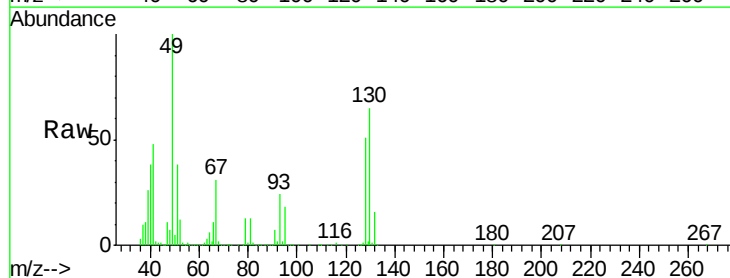
Tot Ion	Ratio	Lower	Upper
96	100		
61	151.7	0.0	288.0
98	64.3	0.0	129.0

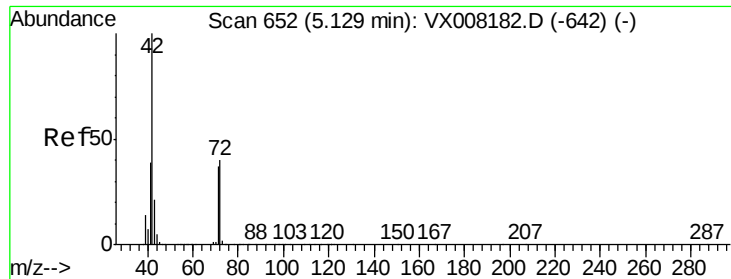


#28

Bromochloromethane
Concen: 46.815 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX008227.D
Acq: 20 Mar 2019 07:21

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.0
130	65.6	65.0	97.4





#29

Tetrahydrofuran

Concen: 268.693 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

Instrument :

MSVOA_X

ClientSampled :

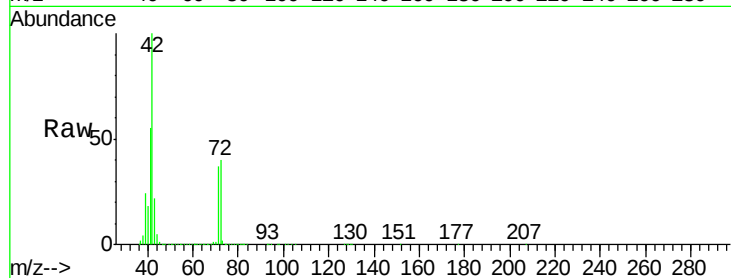
Tot Ion: 42 Resp: 615068

Ion Ratio Lower Upper

42 100

72 40.0 33.8 50.6

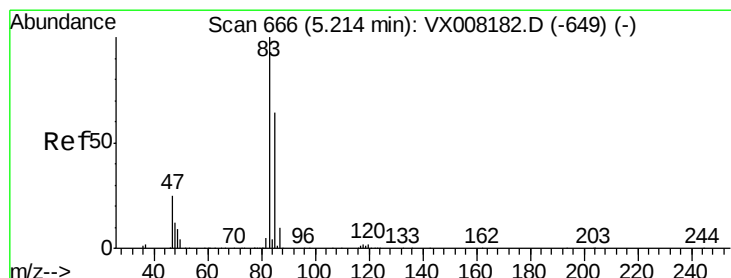
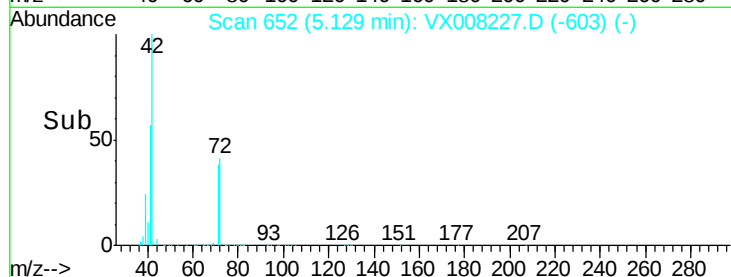
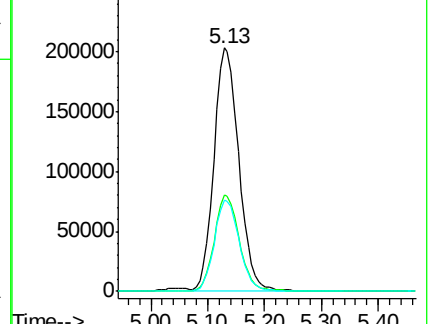
71 37.7 31.5 47.3



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: 52.501 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX008227.D

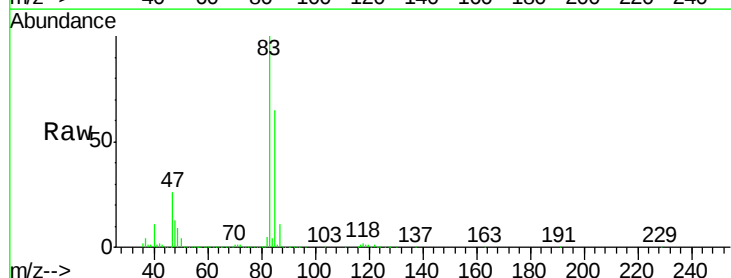
Acq: 20 Mar 2019 07:21

Tgt Ion: 83 Resp: 379452

Ion Ratio Lower Upper

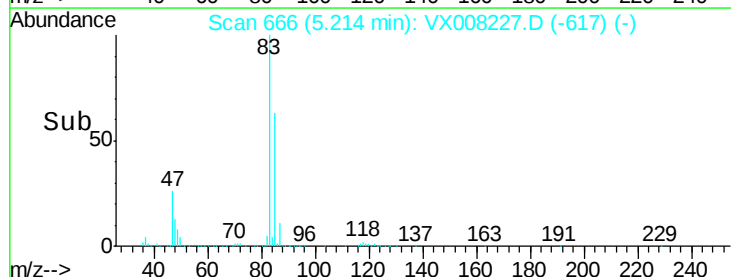
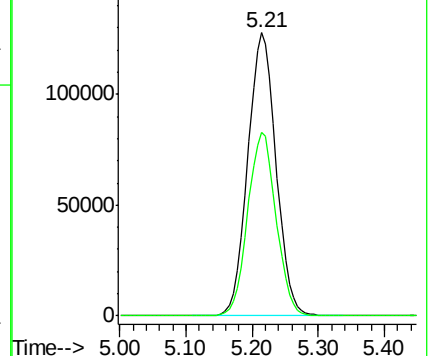
83 100

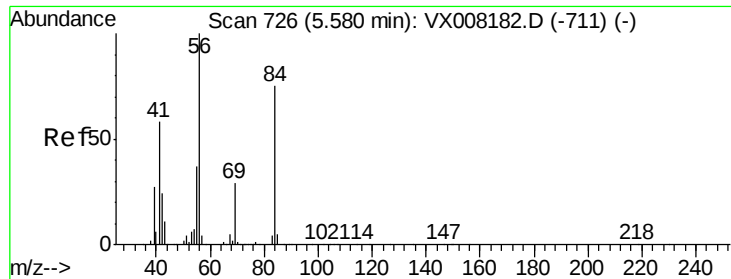
85 64.6 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

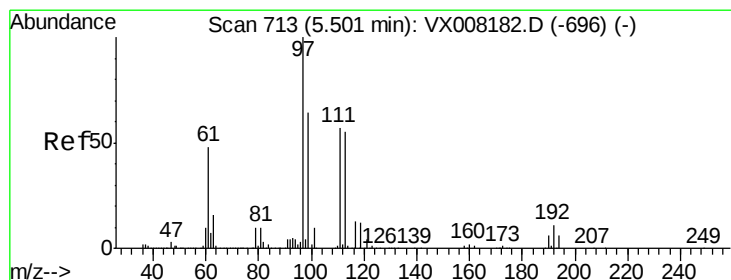
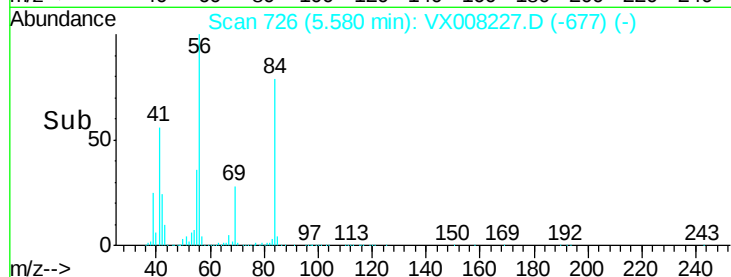
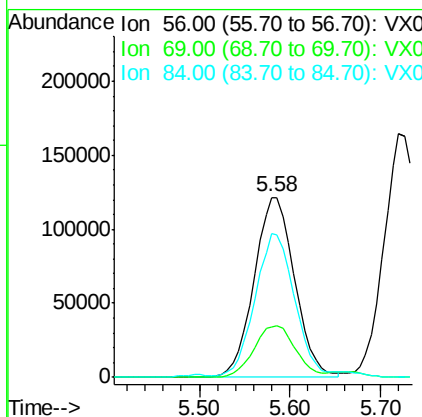
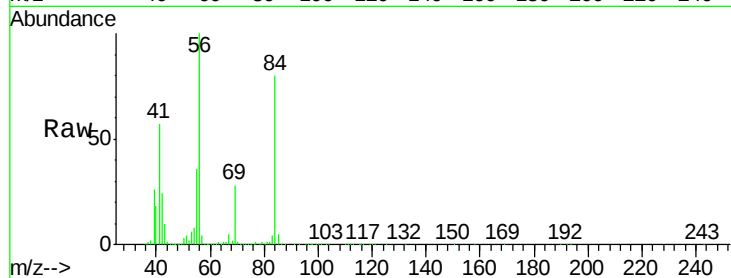




#31
Cyclohexane
Concen: 51.759 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX008227.D
Acq: 20 Mar 2019 07:21

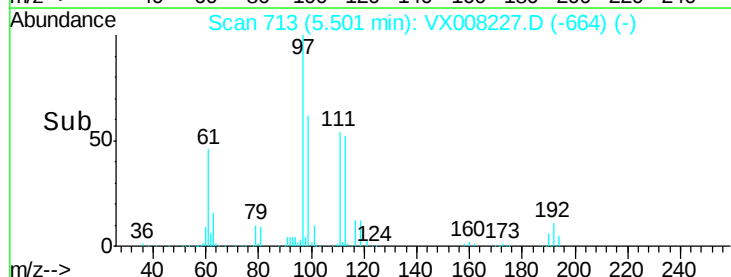
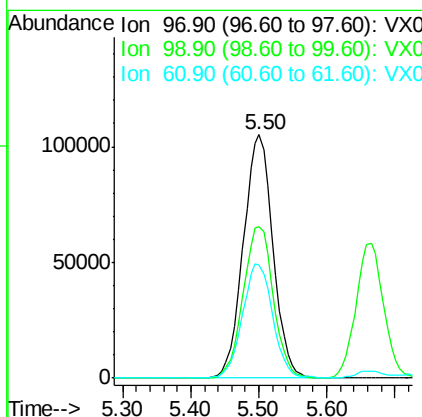
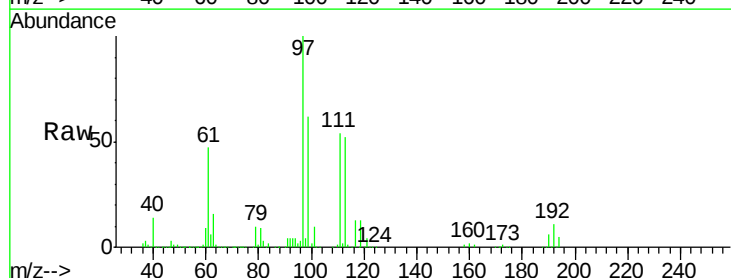
Instrument :
MSVOA_X
ClientSampleId :

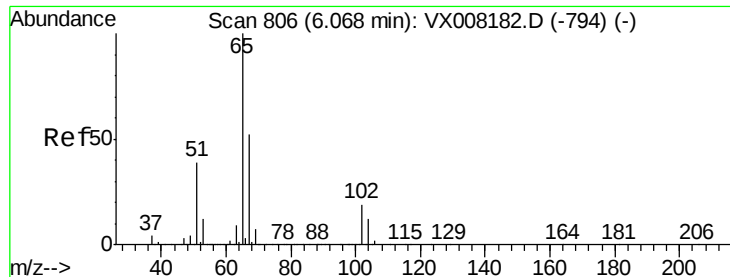
Tot Ion: 56 Resp: 375542
Ion Ratio Lower Upper
56 100
69 28.1 24.0 36.0
84 78.3 65.3 97.9



#32
1,1,1-Trichloroethane
Concen: 52.946 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX008227.D
Acq: 20 Mar 2019 07:21

Tgt Ion: 97 Resp: 318327
Ion Ratio Lower Upper
97 100
99 63.6 52.2 78.2
61 48.1 34.9 52.3





#33

1,2-Dichloroethane-d4

Concen: 47.474 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

Instrument :

MSVOA_X

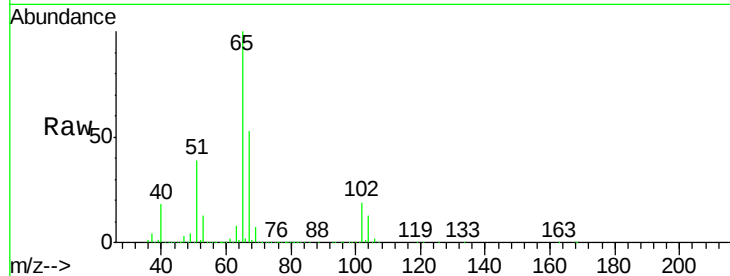
ClientSampleId :

Tot Ion: 65 Resp: 207641

Ion Ratio Lower Upper

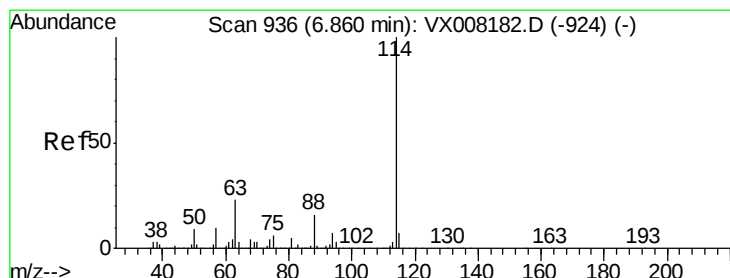
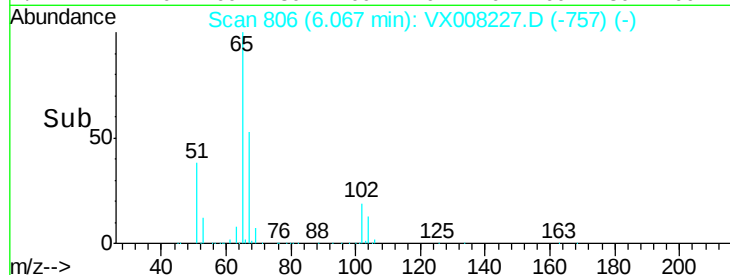
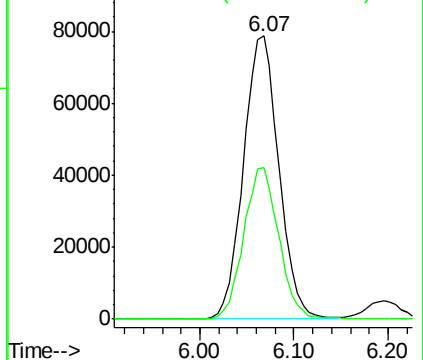
65 100

67 52.4 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

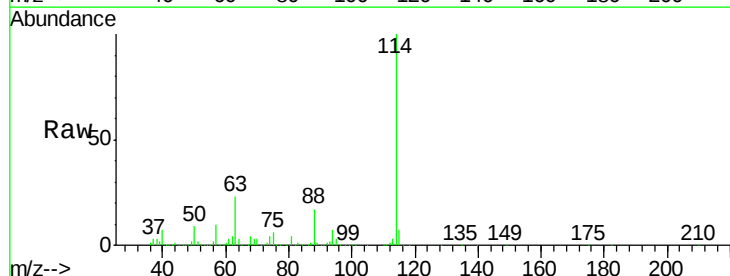
Tgt Ion: 114 Resp: 489251

Ion Ratio Lower Upper

114 100

63 23.0 0.0 39.8

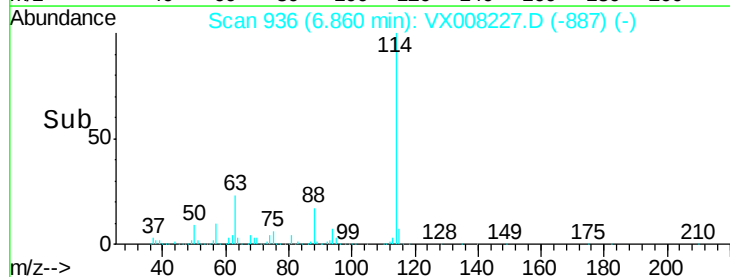
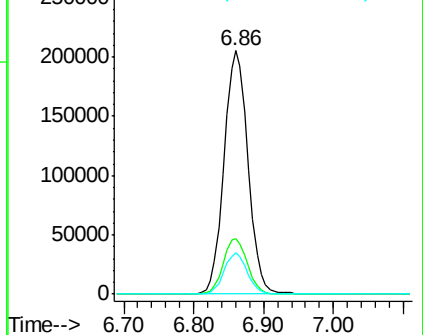
88 16.7 0.0 31.4

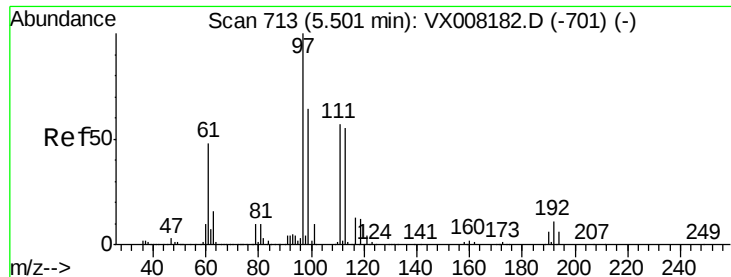


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

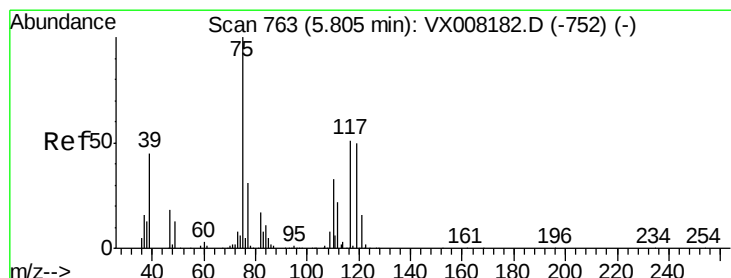
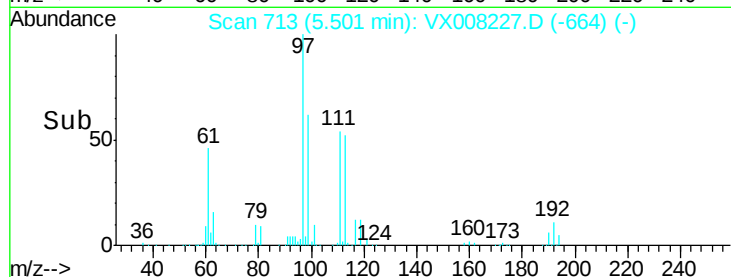
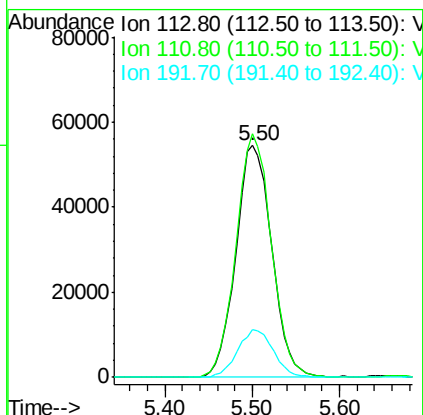
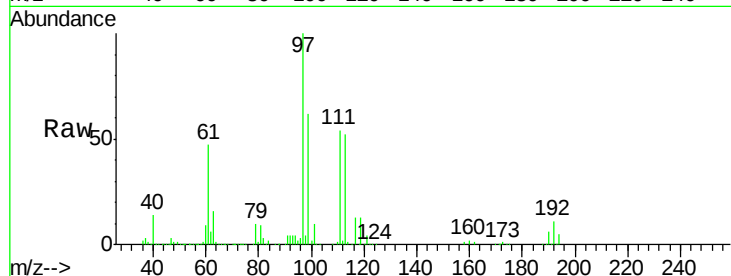




#35
 Dibromofluoromethane
 Concen: 47.702 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX008227.D
 Acq: 20 Mar 2019 07:21

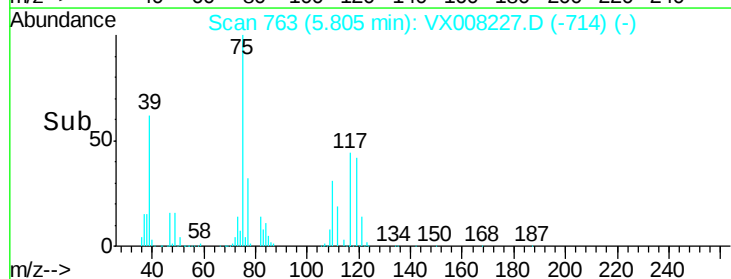
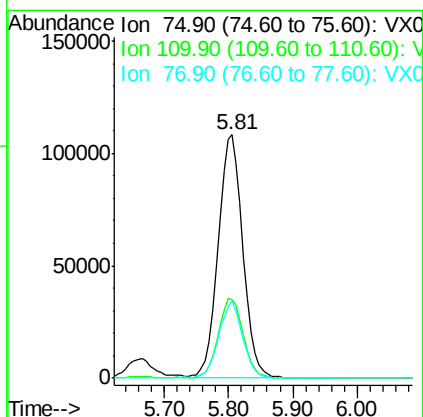
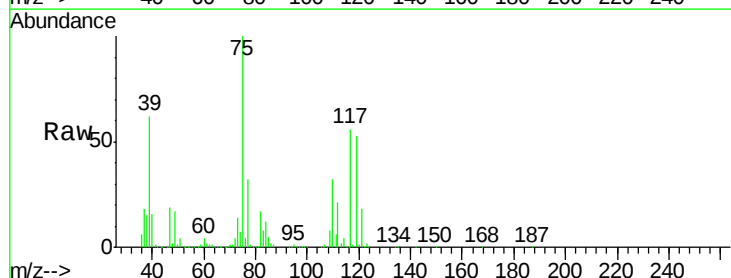
Instrument :
 MSVOA_X
 ClientSampleId :

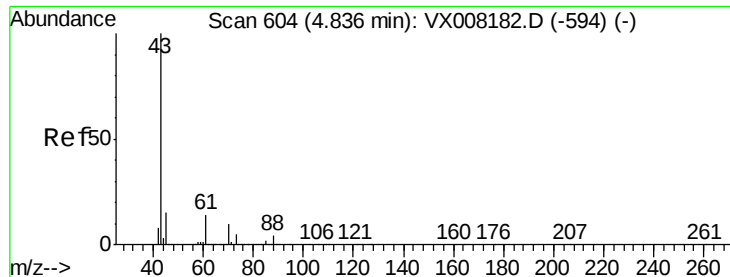
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.4	122.0
192	20.6	19.4	29.0



#36
 1,1-Dichloropropene
 Concen: 51.157 ug/l
 RT: 5.81 min Scan# 763
 Delta R.T. -0.00 min
 Lab File: VX008227.D
 Acq: 20 Mar 2019 07:21

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.4	18.4	55.0
77	30.4	25.0	37.4

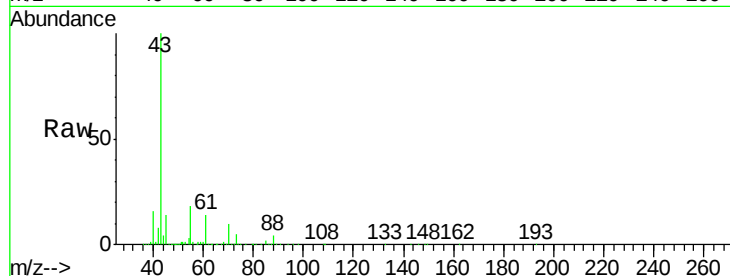




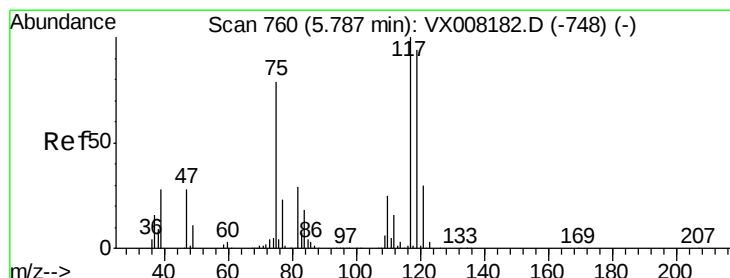
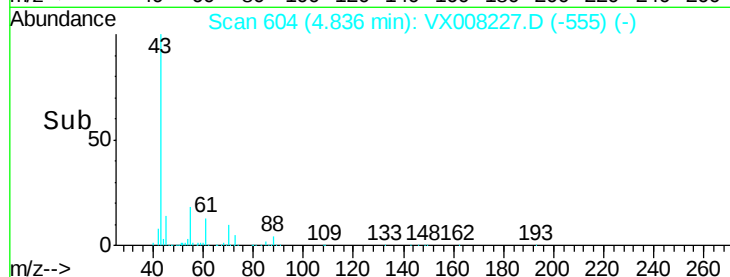
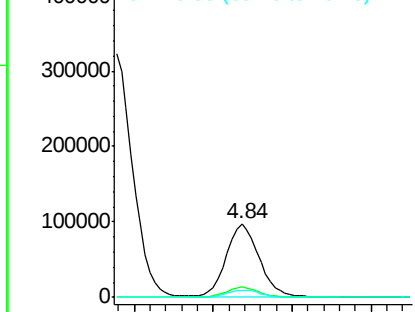
#37
Ethyl Acetate
Concen: 41.866 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX008227.D
Acq: 20 Mar 2019 07:21

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 281903
Ion Ratio Lower Upper
43 100
61 13.6 11.3 16.9
70 10.2 8.5 12.7

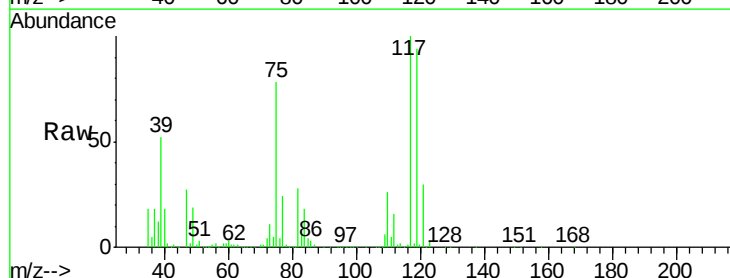


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

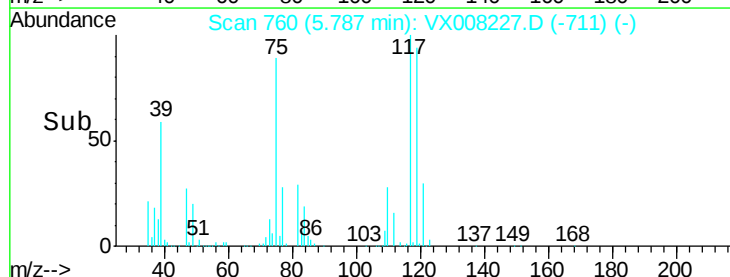
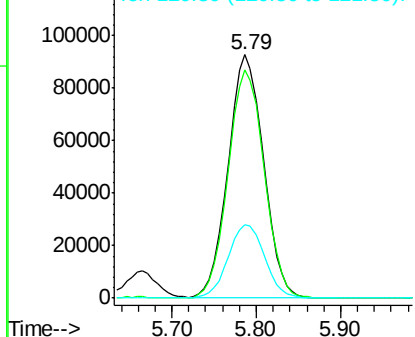


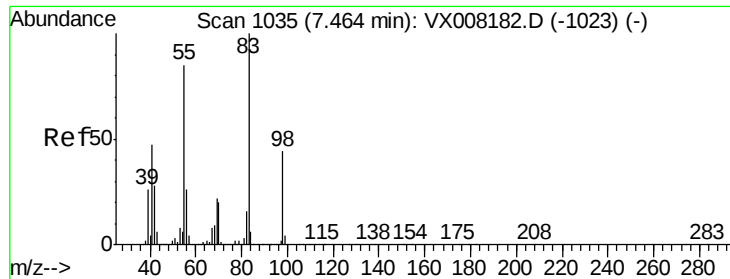
#38
Carbon Tetrachloride
Concen: 52.251 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX008227.D
Acq: 20 Mar 2019 07:21

Tgt Ion: 117 Resp: 265188
Ion Ratio Lower Upper
117 100
119 93.6 76.2 114.2
121 30.1 24.6 36.8



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

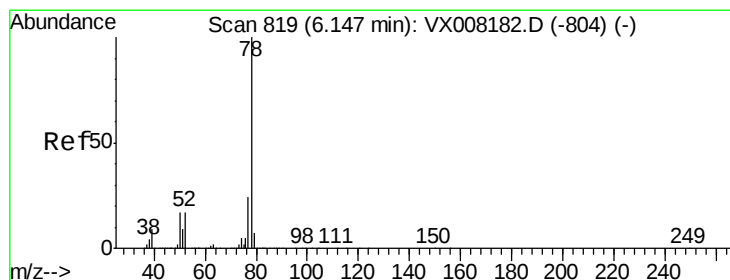
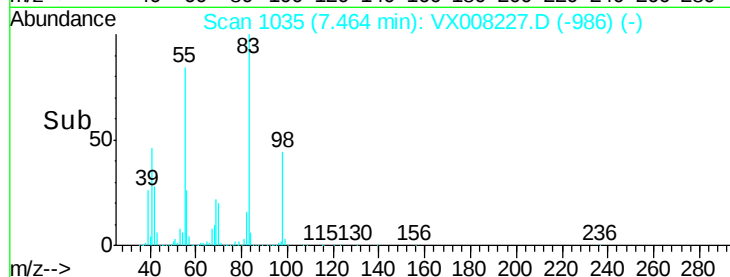
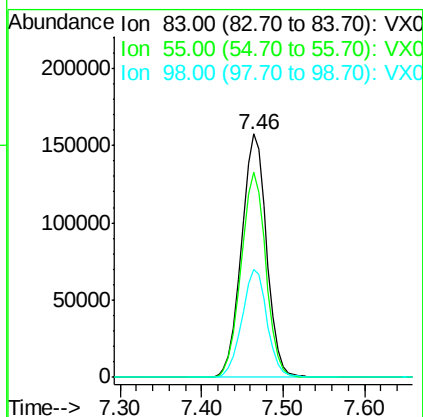
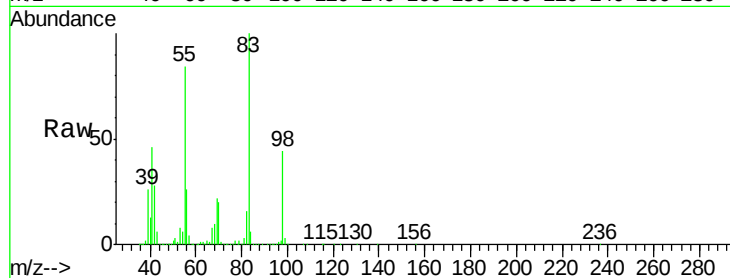




#39
Methvlcvclohexane
Concen: 48.869 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008227.D
Acq: 20 Mar 2019 07:21

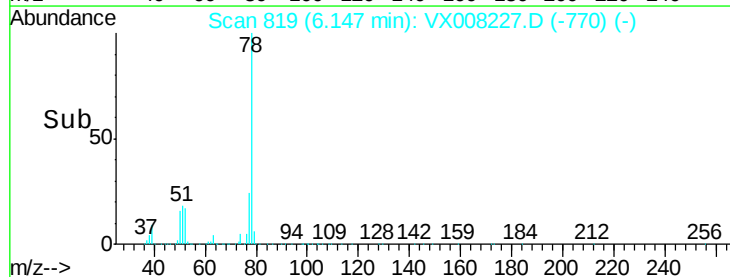
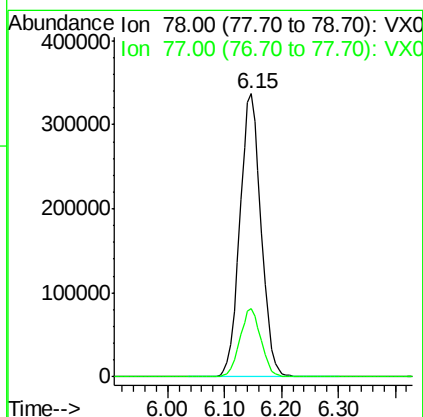
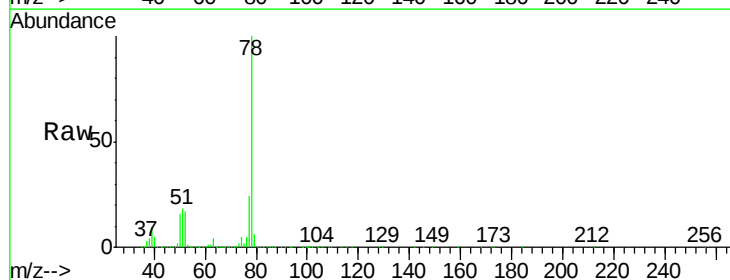
Instrument :
MSVOA_X
ClientSampleId :

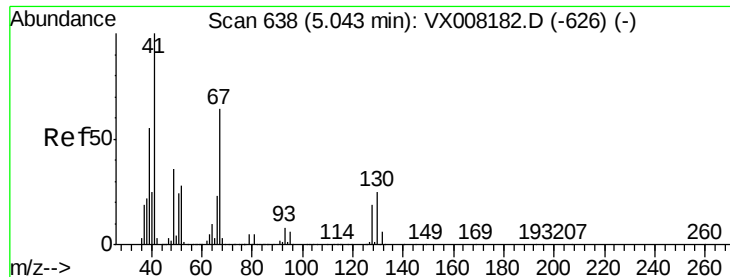
Tot Ion: 83 Resp: 334982
Ion Ratio Lower Upper
83 100
55 84.2 60.4 90.6
98 44.3 36.5 54.7



#40
Benzene
Concen: 52.006 ug/l
RT: 6.15 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX008227.D
Acq: 20 Mar 2019 07:21

Tgt Ion: 78 Resp: 876797
Ion Ratio Lower Upper
78 100
77 24.1 19.0 28.4

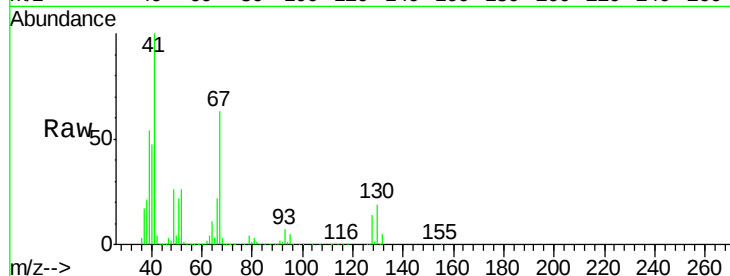




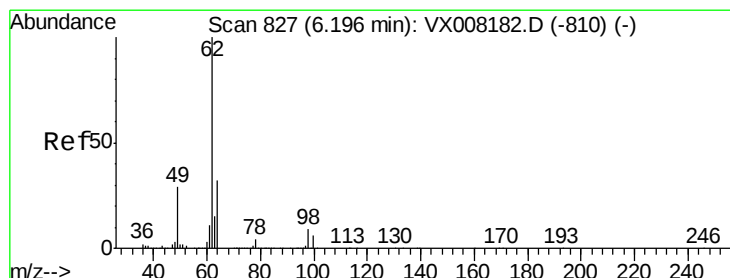
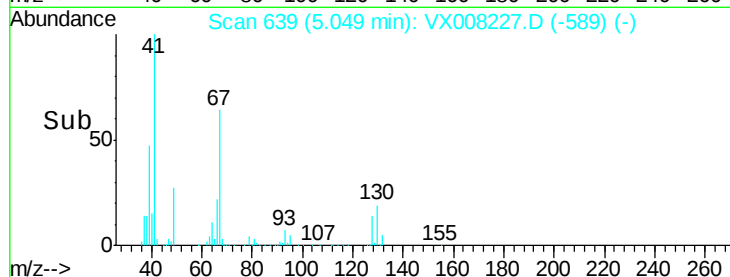
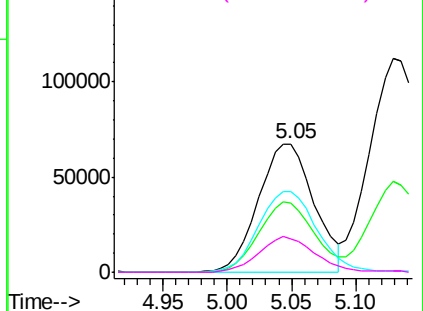
#41
Methacrylonitrile
Concen: 53.439 ug/l
RT: 5.05 min Scan# 639
Delta R.T. 0.01 min
Lab File: VX008227.D
Acq: 20 Mar 2019 07:21

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	201840
Ion	Ratio	Lower	Upper
41	100		
39	54.1	41.6	62.4
67	66.4	55.8	83.6
52	27.4	21.7	32.5

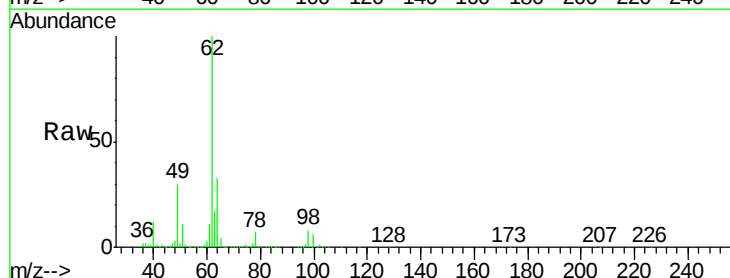


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

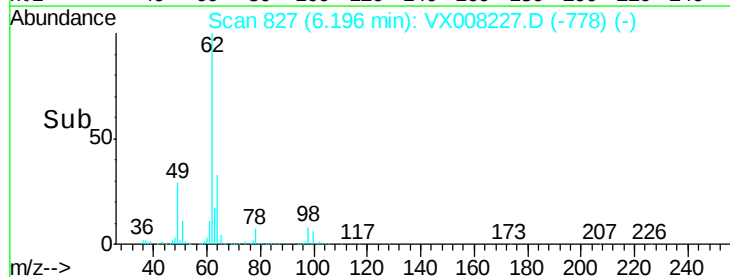
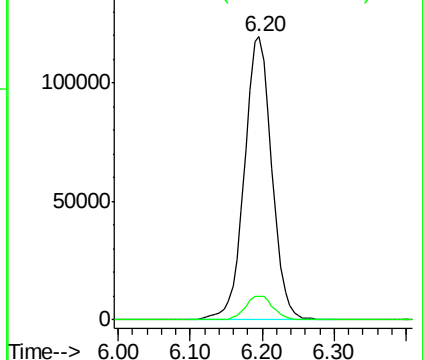


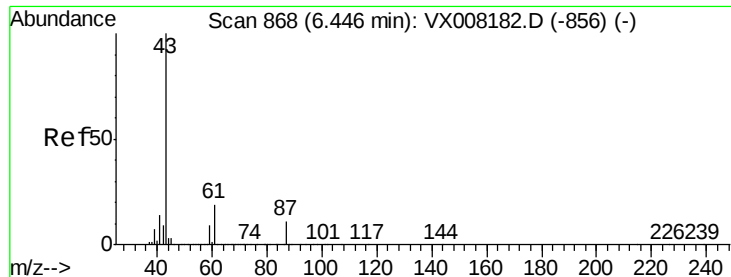
#42
1,2-Dichloroethane
Concen: 50.961 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX008227.D
Acq: 20 Mar 2019 07:21

Tgt Ion:	62	Resp:	314742
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	20.4



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



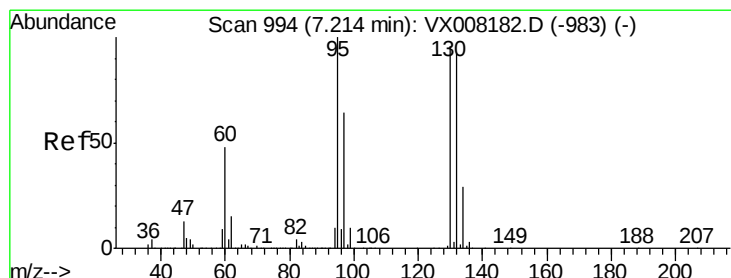
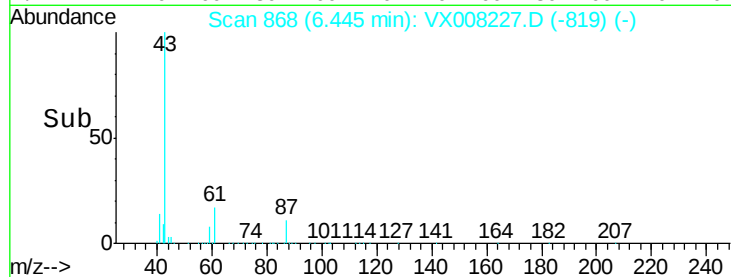
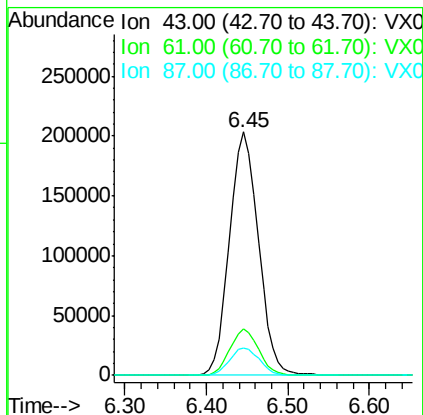
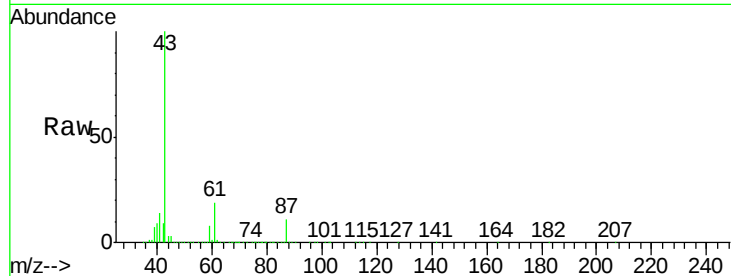


#43

Isopropyl Acetate
 Concen: 46.149 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX008227.D
 Acq: 20 Mar 2019 07:21

Instrument :
 MSVOA_X
 ClientSampleId :

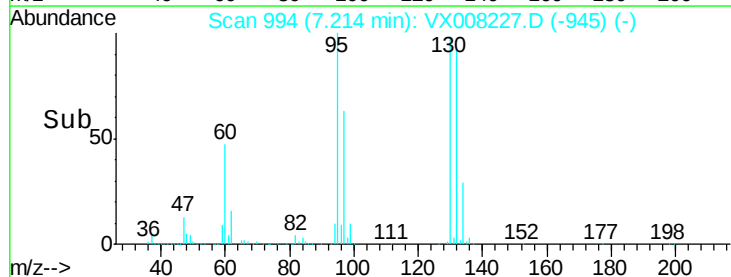
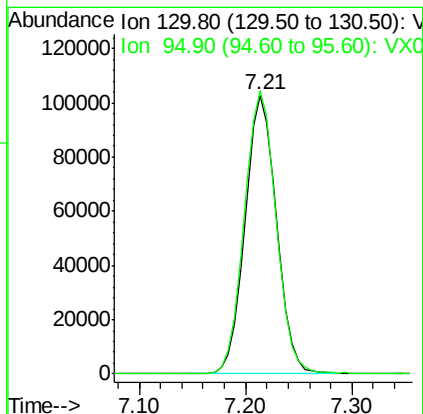
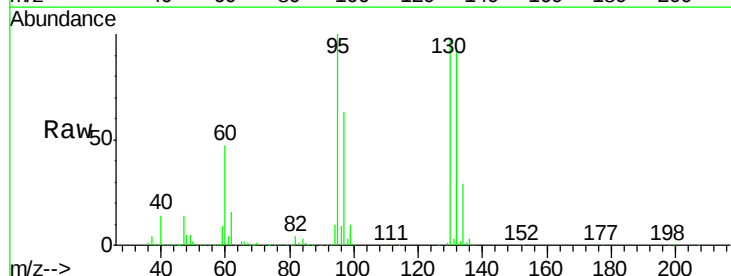
Tot Ion	Ratio	Lower	Upper
43	100		
61	19.0	16.3	24.5
87	11.6	10.5	15.7

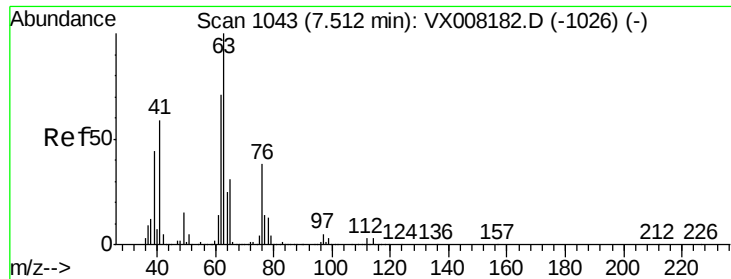


#44

Trichloroethene
 Concen: 51.650 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX008227.D
 Acq: 20 Mar 2019 07:21

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.6	0.0	188.0

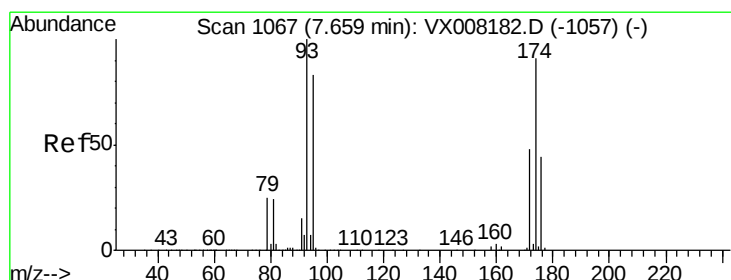
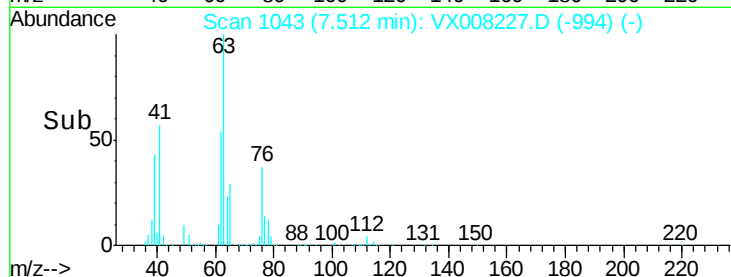
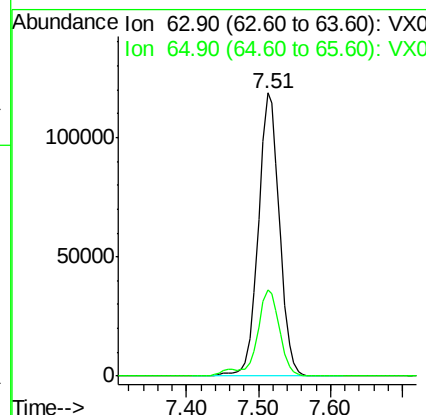
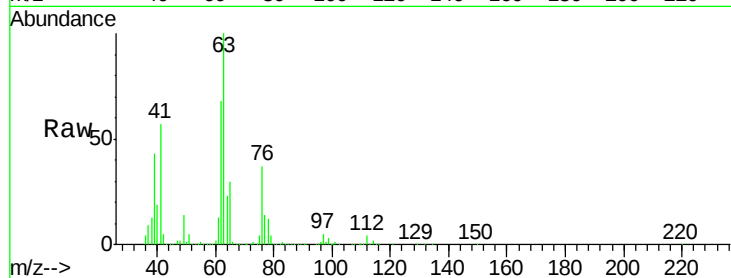




#45
 1,2-Dichloropropane
 Concen: 51.217 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX008227.D
 Acq: 20 Mar 2019 07:21

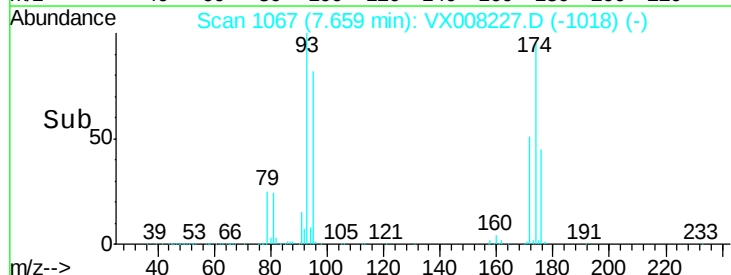
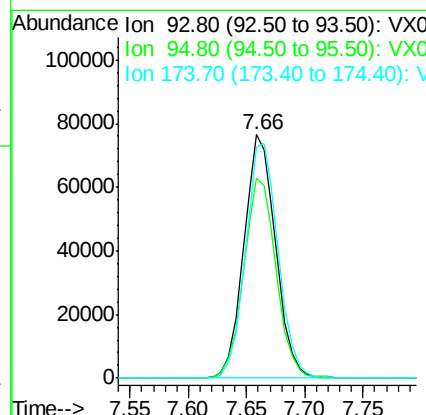
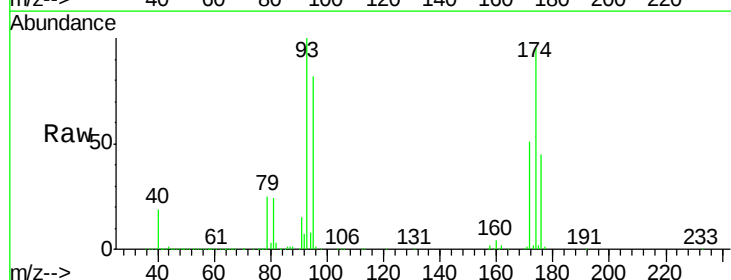
Instrument :
 MSVOA_X
 ClientSampleId :

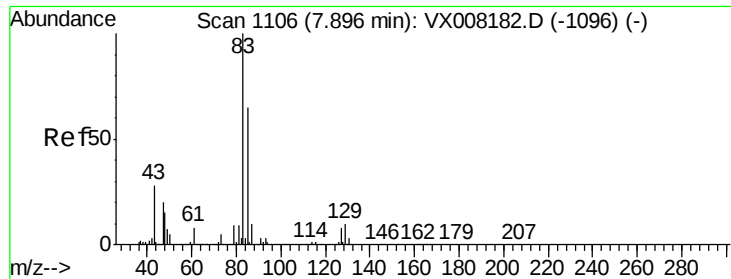
Tot Ion: 63 Resp: 241724
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.7 37.1



#46
 Dibromomethane
 Concen: 50.666 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX008227.D
 Acq: 20 Mar 2019 07:21

Tgt Ion: 93 Resp: 144781
 Ion Ratio Lower Upper
 93 100
 95 84.0 66.8 100.2
 174 99.2 97.3 145.9





#47

Bromodichloromethane

Concen: 52.624 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

Instrument :
MSVOA_X
ClientSampleId :

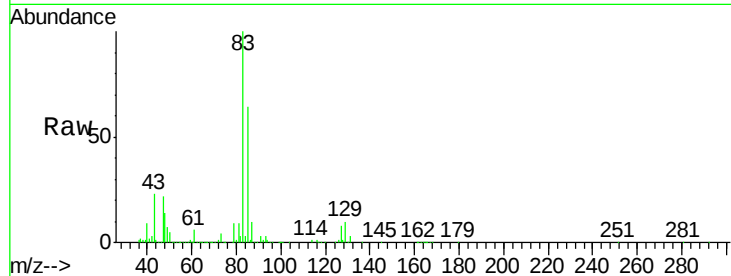
Tot Ion: 83 Resp: 286583

Ion Ratio Lower Upper

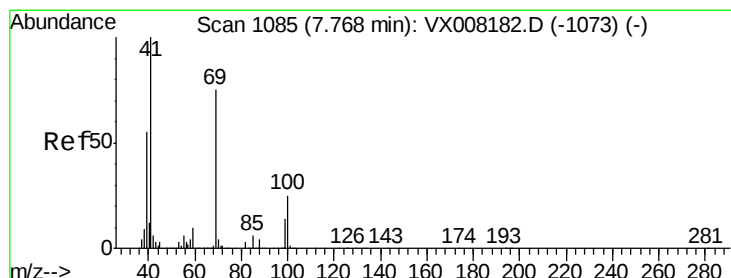
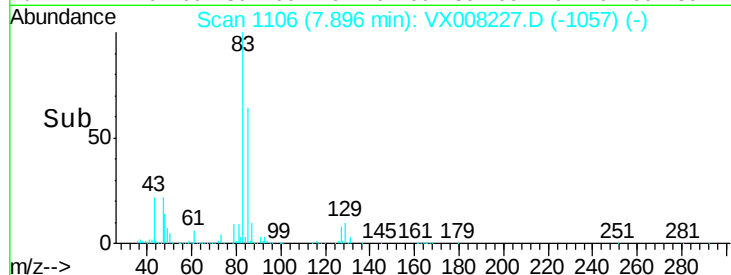
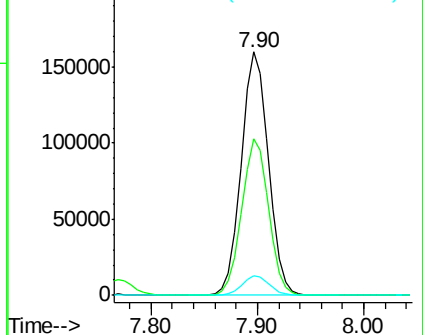
83 100

85 64.3 50.9 76.3

127 8.0 7.4 11.0



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: 52.118 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

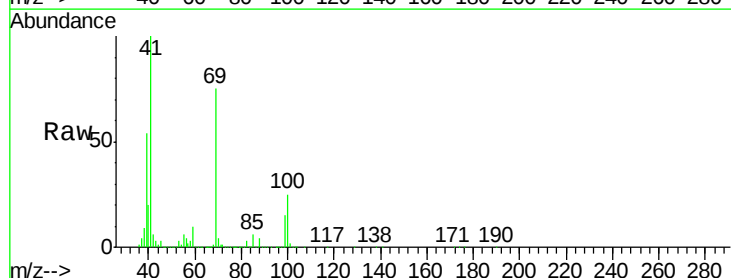
Tgt Ion: 41 Resp: 299095

Ion Ratio Lower Upper

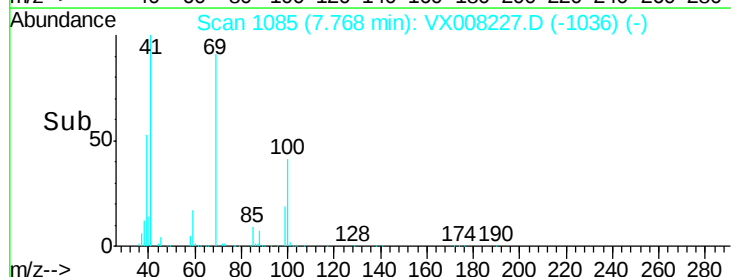
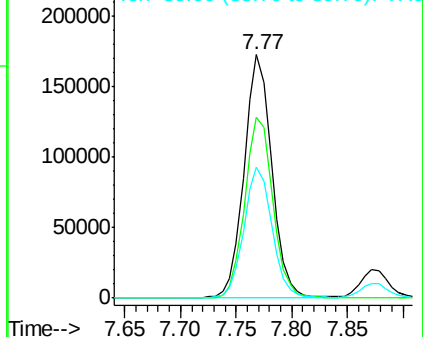
41 100

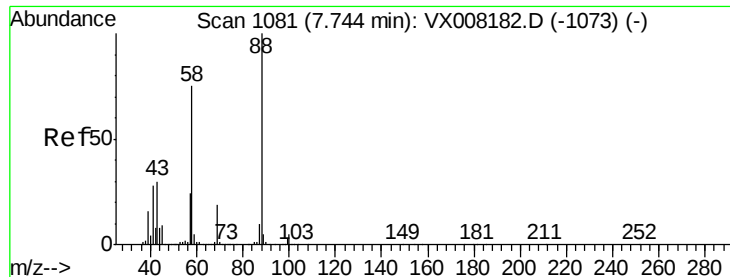
69 76.1 65.2 97.8

39 54.6 39.4 59.2



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





#49

1,4-Dioxane

Concen: 1023.803 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.01 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

Instrument :

MSVOA_X

ClientSampleId :

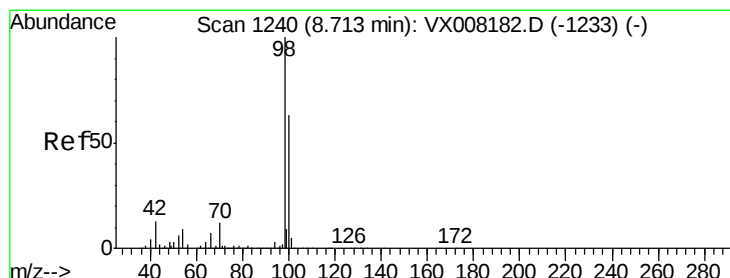
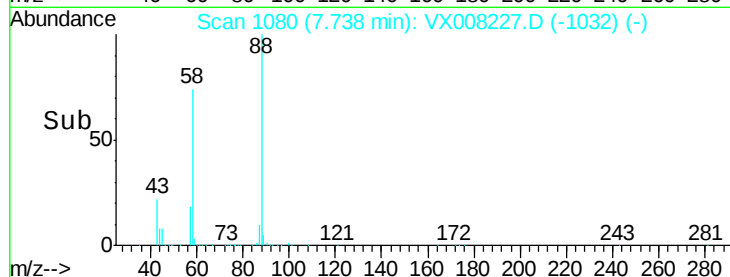
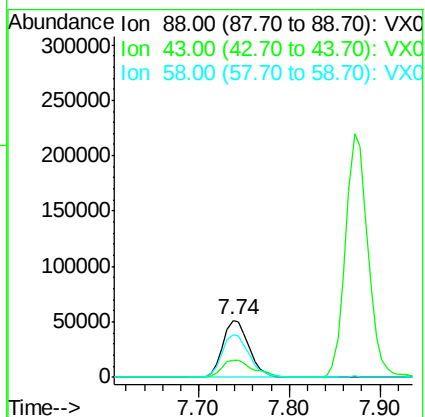
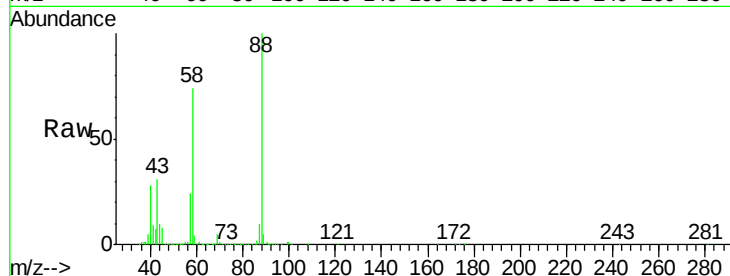
Tot Ion: 88 Resp: 103681

Ion Ratio Lower Upper

88 100

43 35.5 25.1 37.7

58 77.1 57.8 86.6



#50

Toluene-d8

Concen: 47.267 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008227.D

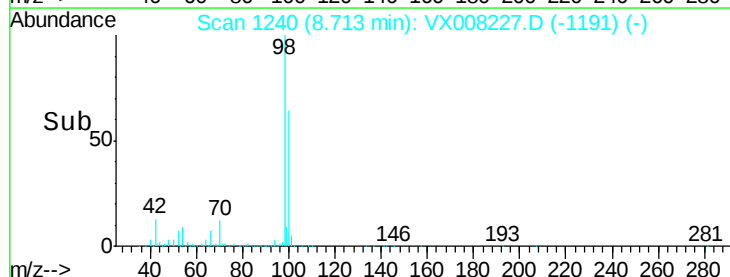
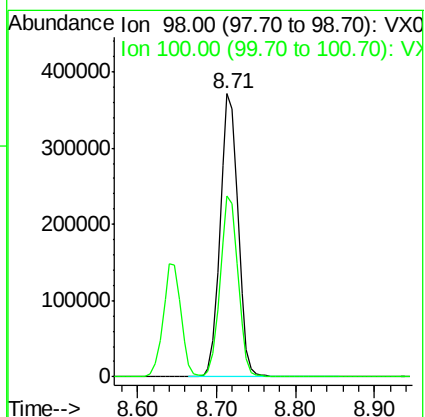
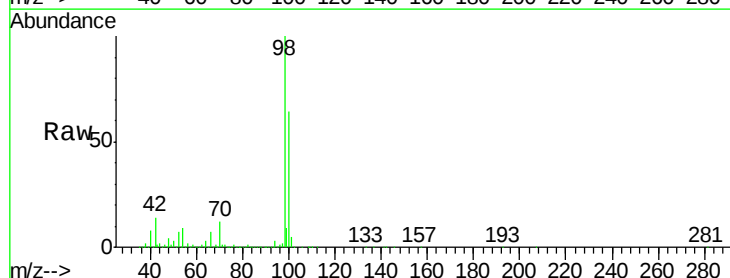
Acq: 20 Mar 2019 07:21

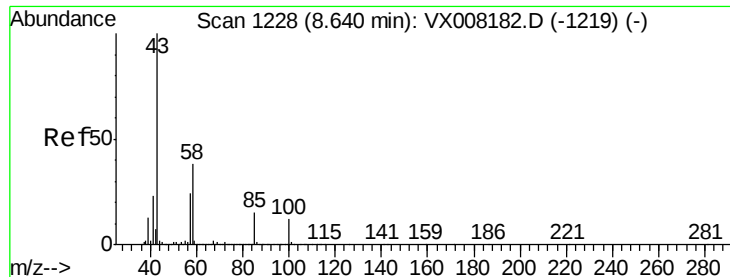
Tgt Ion: 98 Resp: 586941

Ion Ratio Lower Upper

98 100

100 63.9 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 262.175 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

Instrument :

MSVOA_X

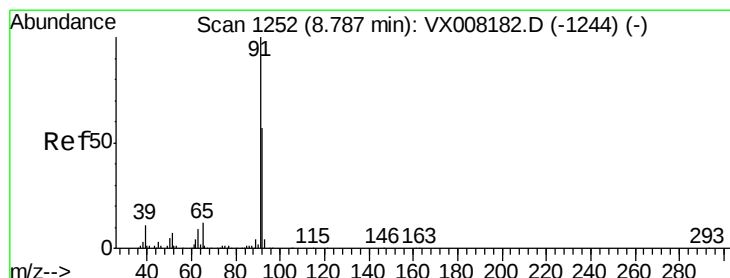
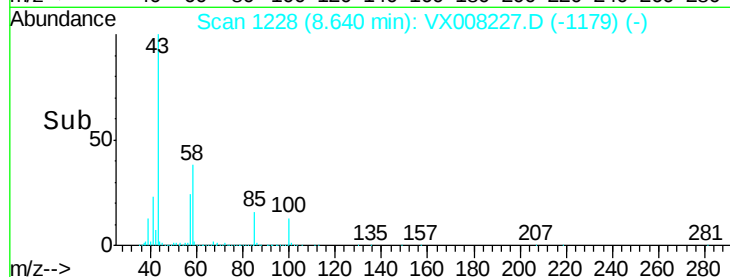
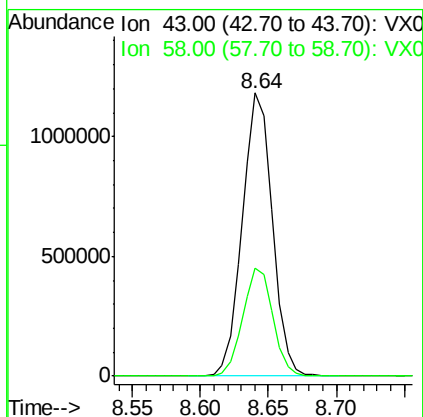
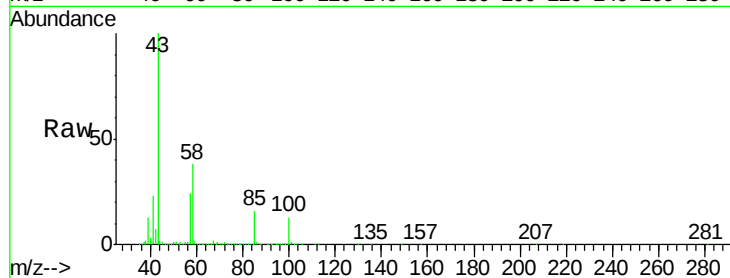
ClientSampleId :

Tot Ion: 43 Resp: 1829346

Ion Ratio Lower Upper

43 100

58 38.0 31.3 46.9



#52

Toluene

Concen: 51.343 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX008227.D

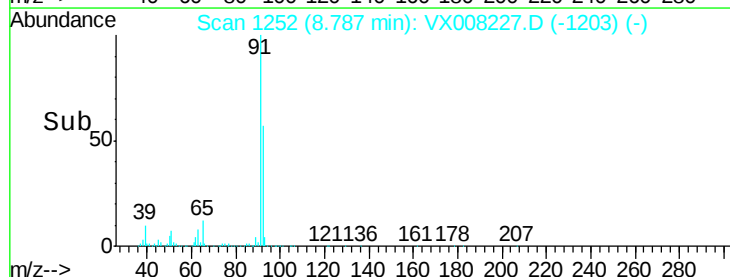
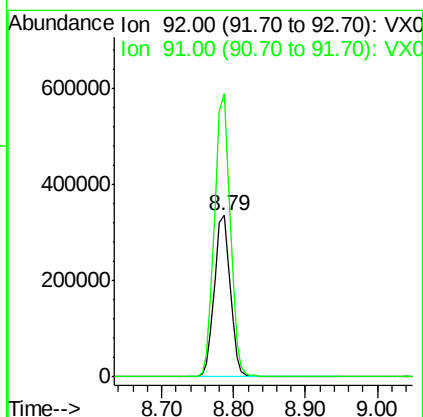
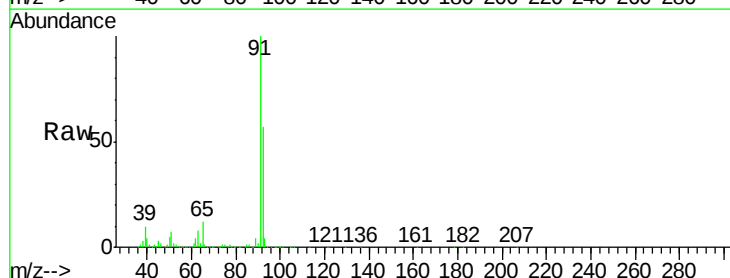
Acq: 20 Mar 2019 07:21

Tgt Ion: 92 Resp: 513541

Ion Ratio Lower Upper

92 100

91 174.4 137.4 206.0

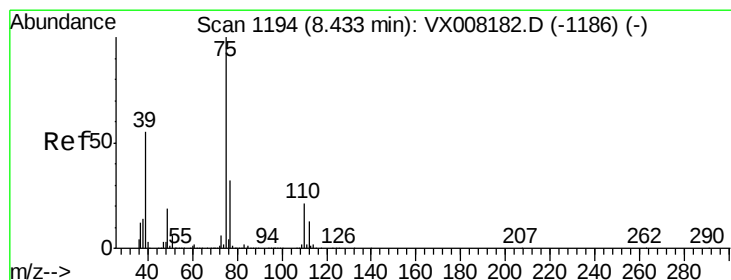
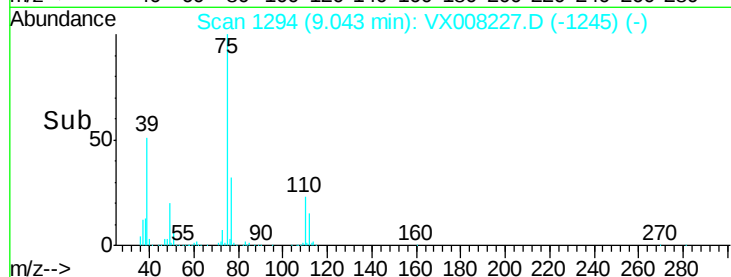
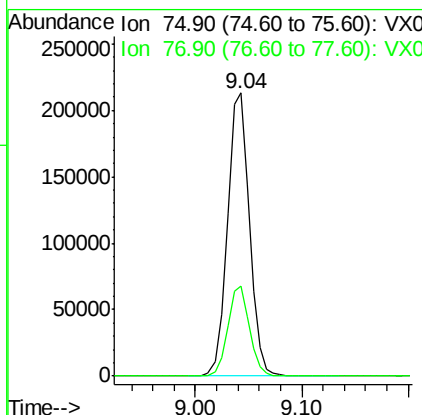
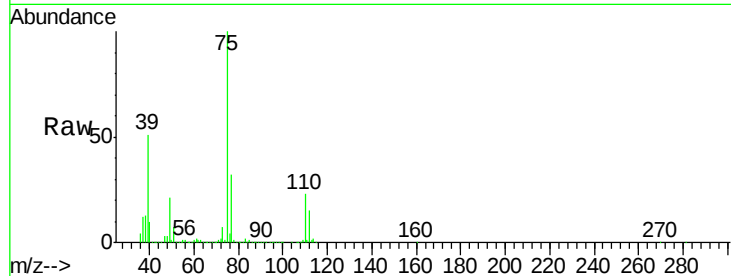




#53
t-1,3-Dichloropropene
Concen: 45.250 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX008227.D
Acq: 20 Mar 2019 07:21

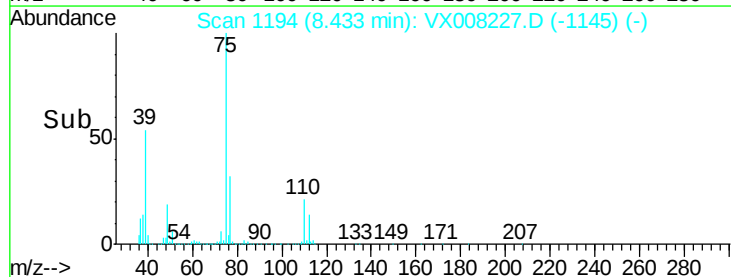
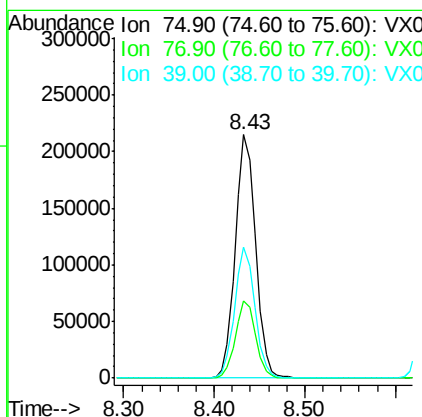
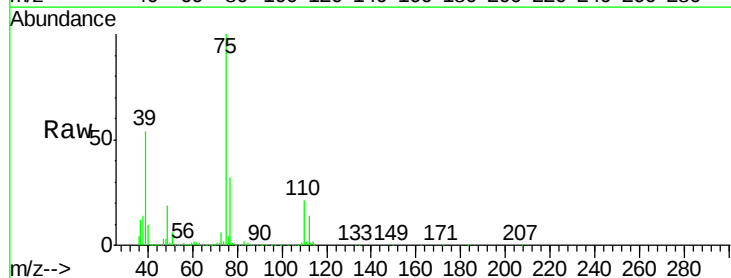
Instrument :
MSVOA_X
ClientSampleId :

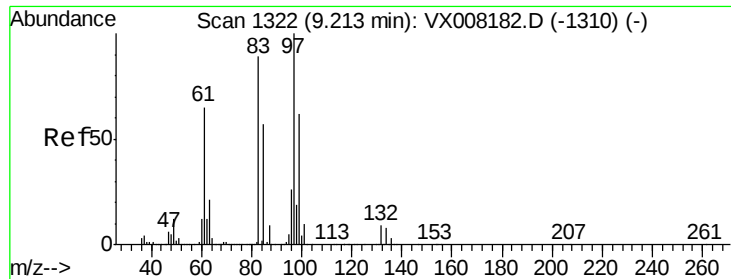
Tot Ion: 75 Resp: 307662
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 49.539 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX008227.D
Acq: 20 Mar 2019 07:21

Tgt Ion: 75 Resp: 334820
Ion Ratio Lower Upper
75 100
77 31.5 25.0 37.6
39 53.9 36.6 54.8





#55

1,1,2-Trichloroethane

Concen: 52.636 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 212709

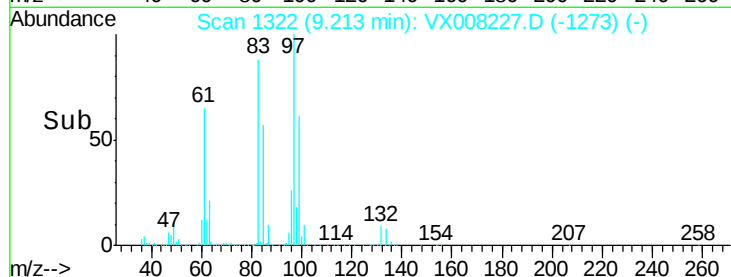
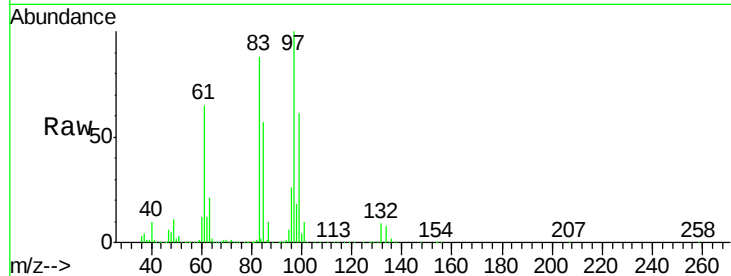
Ion	Ratio	Lower	Upper
97	100		
83	88.5	69.1	103.7
85	57.2	44.3	66.5
99	61.3	49.8	74.8

97 100

83 88.5 69.1 103.7

85 57.2 44.3 66.5

99 61.3 49.8 74.8

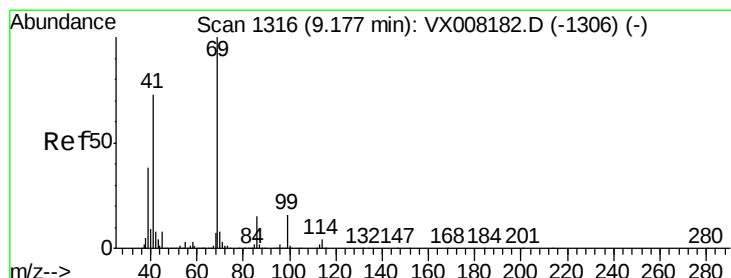
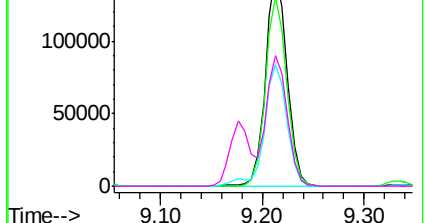


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 48.986 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

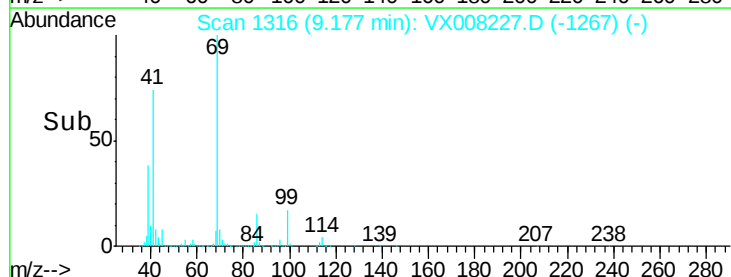
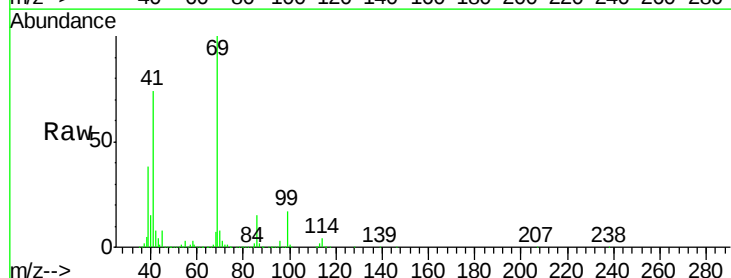
Tgt Ion: 69 Resp: 347157

Ion	Ratio	Lower	Upper
69	100		
41	73.8	54.2	81.4
39	38.0	25.0	37.4#

69 100

41 73.8 54.2 81.4

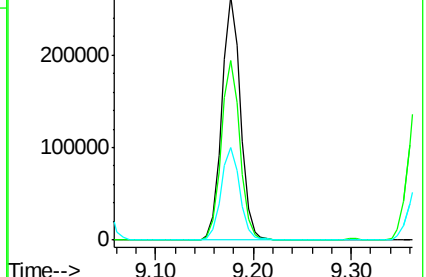
39 38.0 25.0 37.4#



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 52.105 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

Instrument :

MSVOA_X

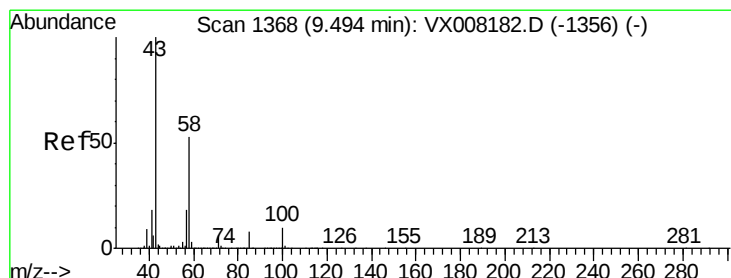
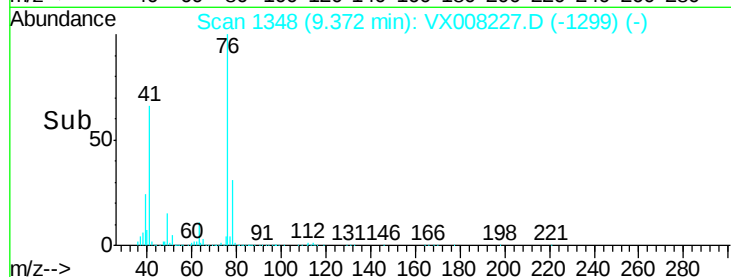
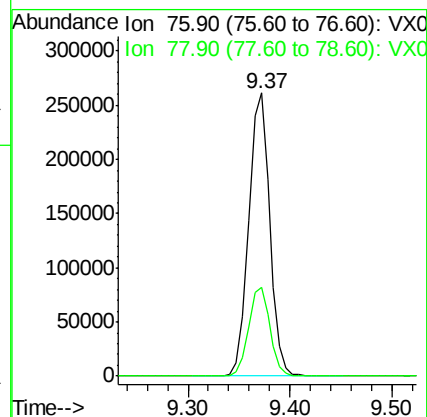
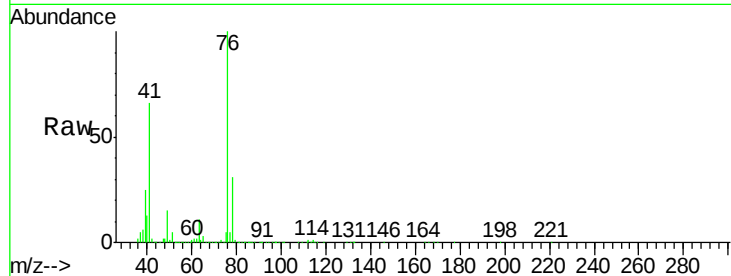
ClientSampleId :

Tot Ion: 76 Resp: 372495

Ion Ratio Lower Upper

76 100

78 31.8 25.5 38.3



#59

2-Hexanone

Concen: 256.976 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VX008227.D

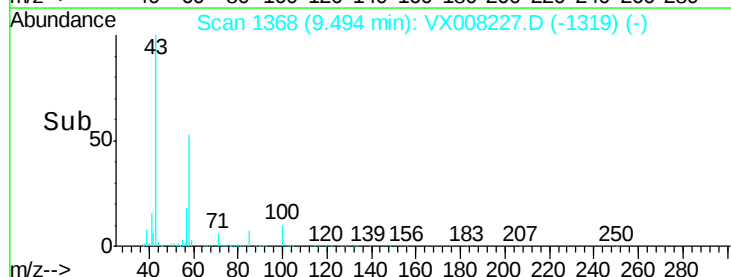
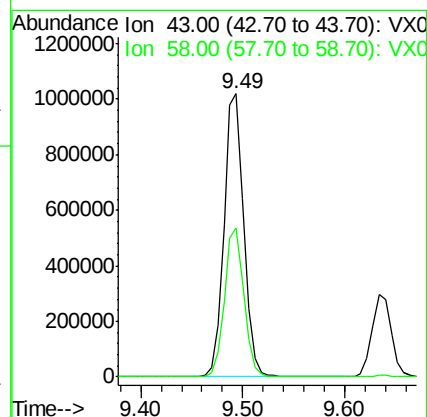
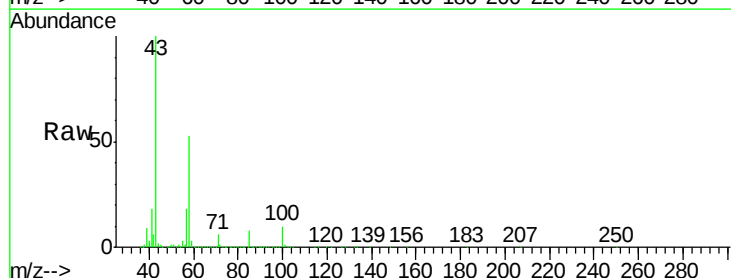
Acq: 20 Mar 2019 07:21

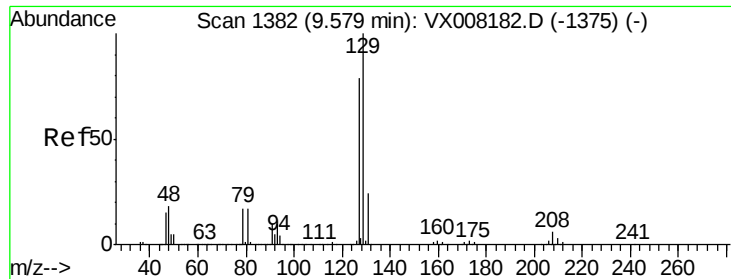
Tgt Ion: 43 Resp: 1380445

Ion Ratio Lower Upper

43 100

58 52.1 27.6 82.7





#60

Dibromochloromethane

Concen: 54.210 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

Instrument :

MSVOA_X

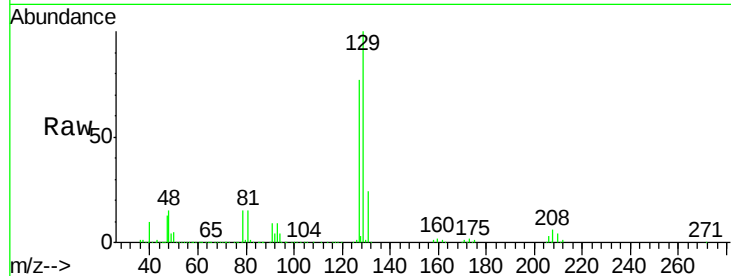
ClientSampleId :

Tot Ion:129 Resp: 210537

Ion Ratio Lower Upper

129 100

127 77.6 38.3 114.8



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.59

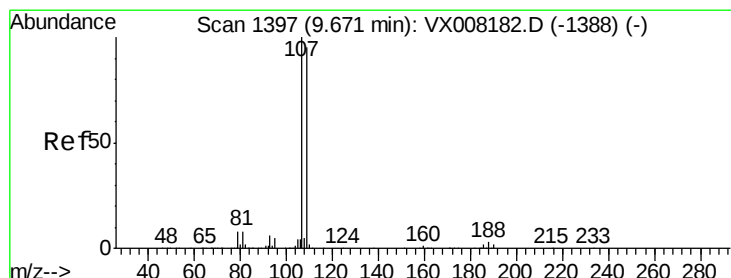
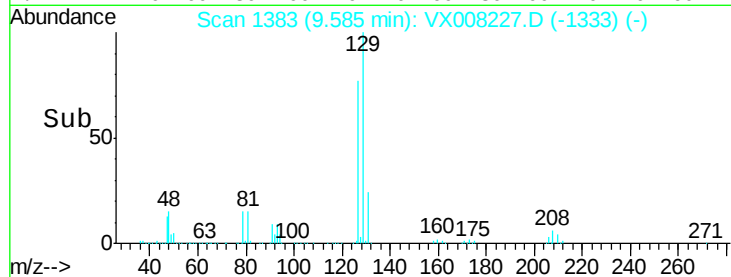
150000

100000

50000

0

Time-->



#61

1,2-Dibromoethane

Concen: 52.297 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008227.D

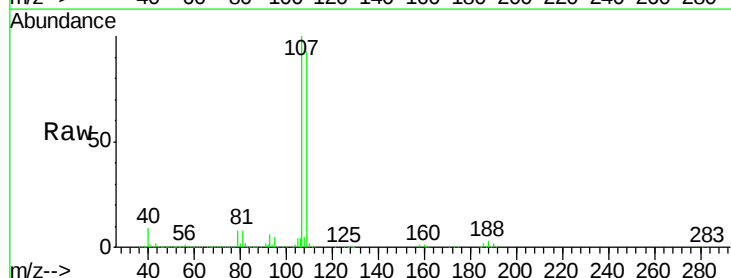
Acq: 20 Mar 2019 07:21

Tgt Ion:107 Resp: 220673

Ion Ratio Lower Upper

107 100

109 93.2 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

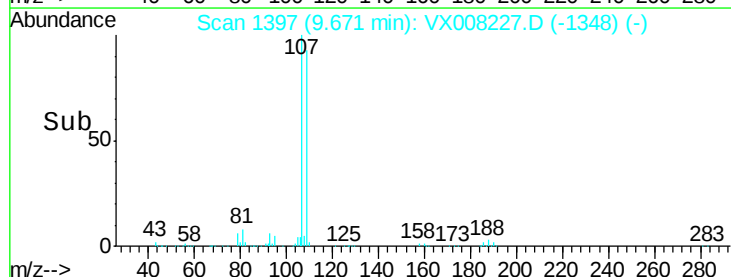
150000

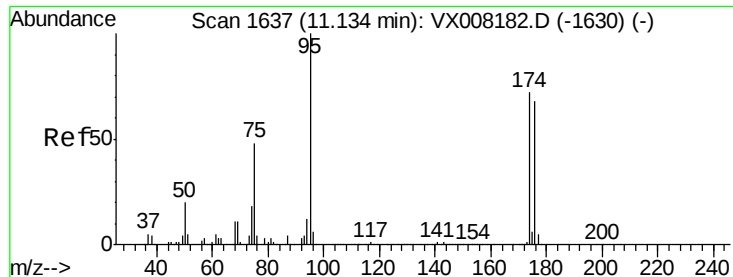
100000

50000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 48.467 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

Instrument :

MSVOA_X

ClientSampleId :

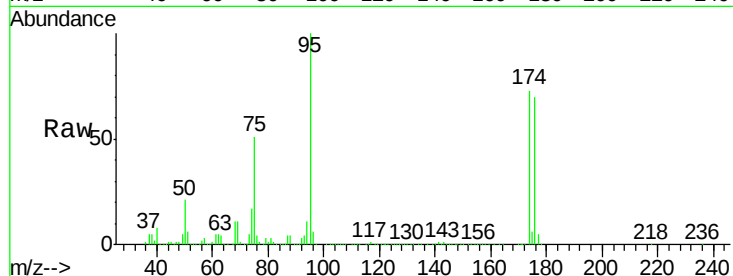
Tot Ion: 95 Resp: 207224

Ion Ratio Lower Upper

95 100

174 78.4 0.0 182.8

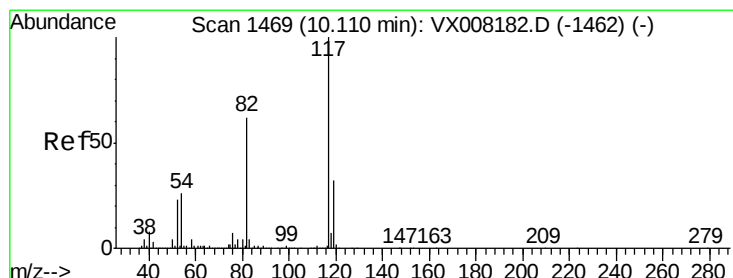
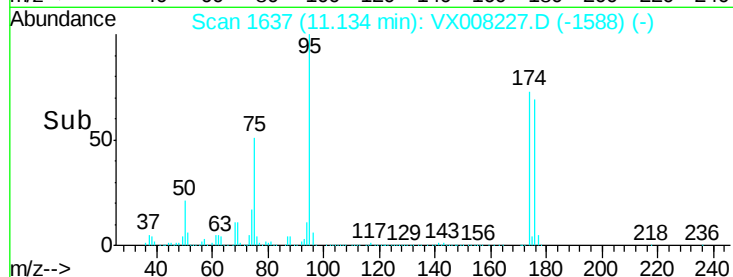
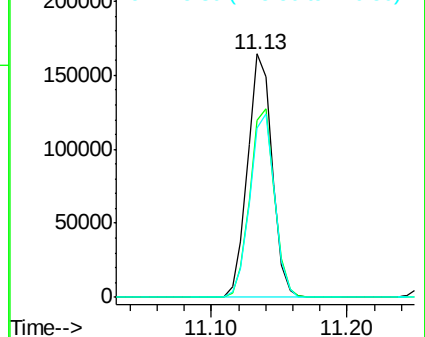
176 76.1 0.0 178.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

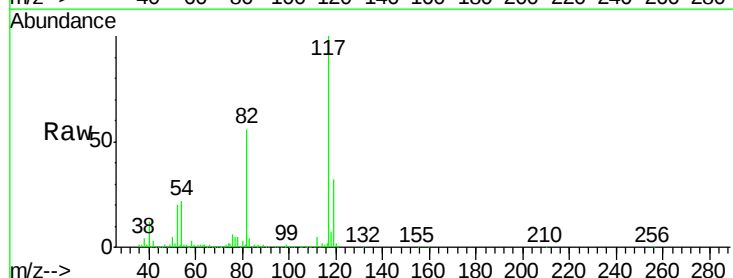
Tgt Ion: 117 Resp: 429176

Ion Ratio Lower Upper

117 100

82 56.5 44.3 66.5

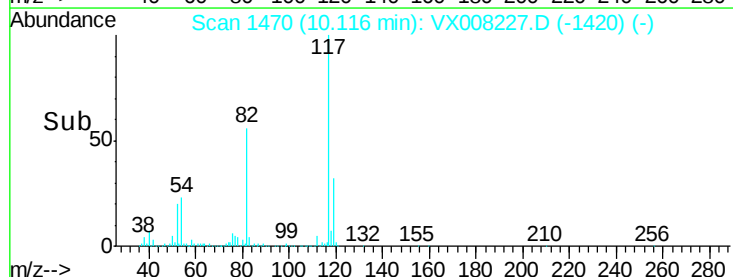
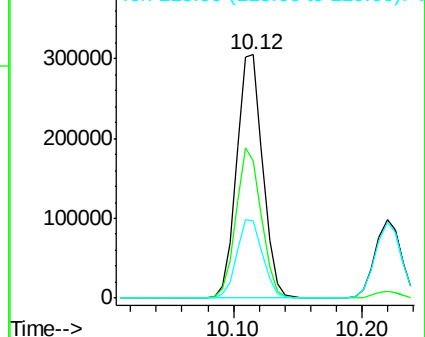
119 32.0 25.3 37.9

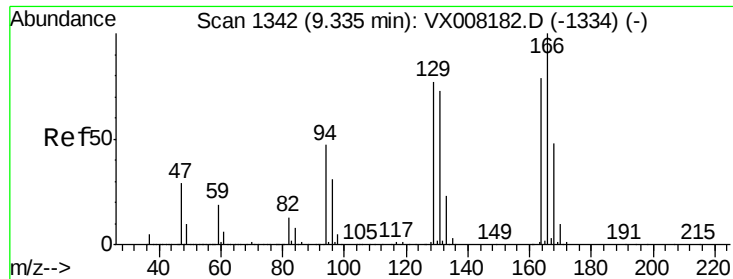


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

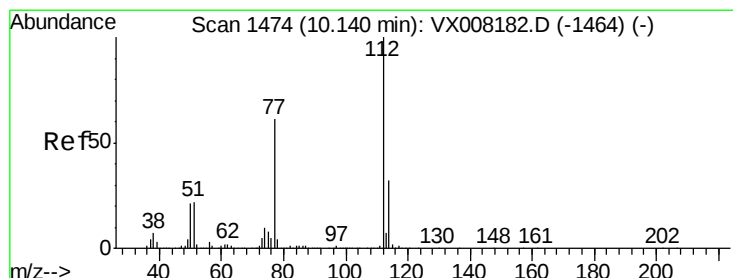
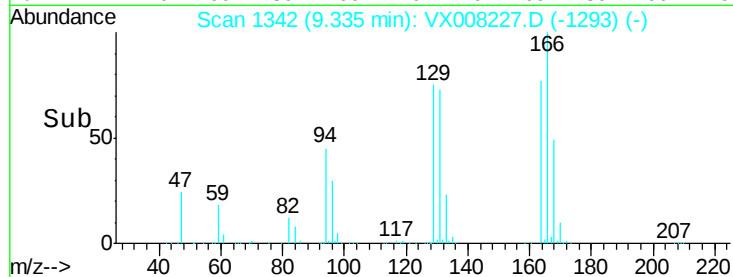
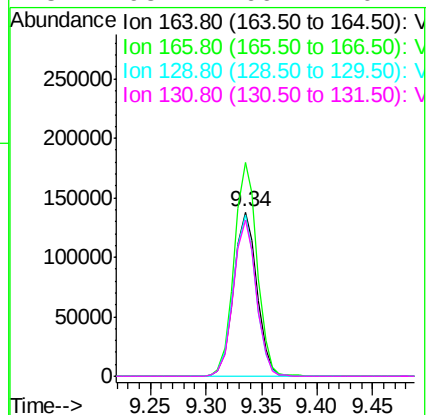
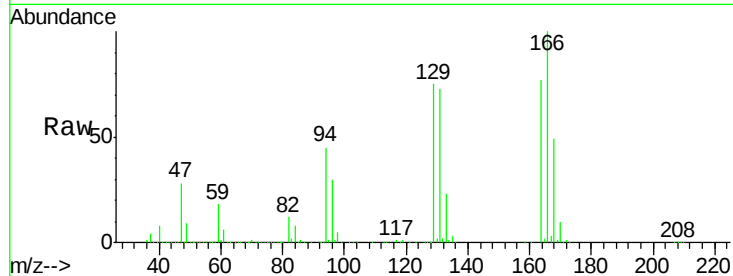




#64
Tetrachloroethene
Concen: 51.274 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008227.D
Acq: 20 Mar 2019 07:21

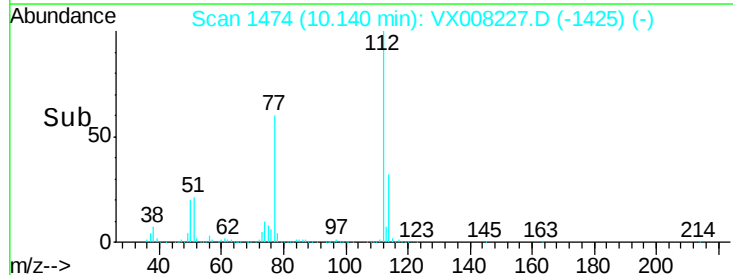
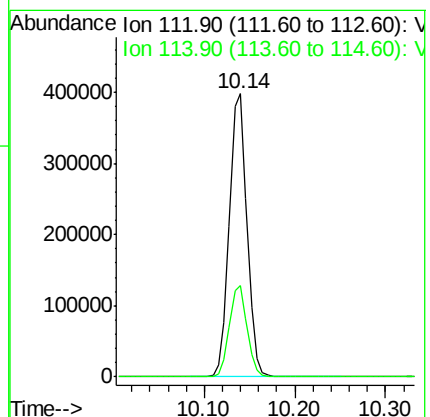
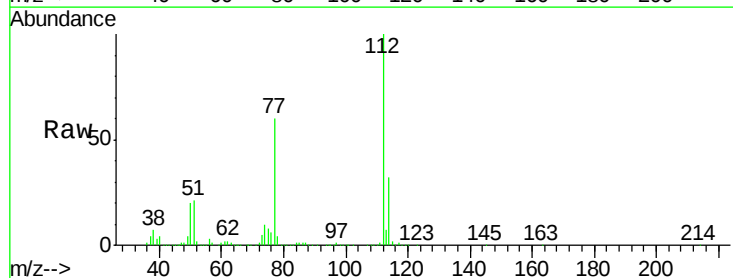
Instrument :
MSVOA_X
ClientSampleId :

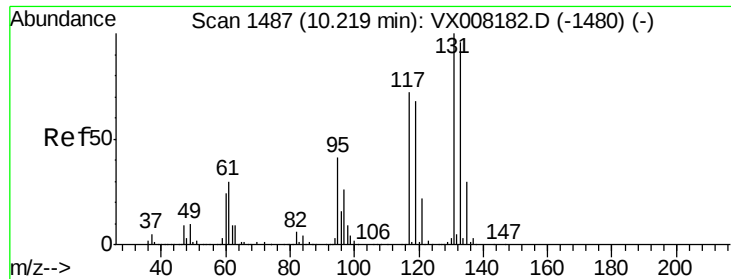
Tot Ion:164 Resp: 198531
Ion Ratio Lower Upper
164 100
166 130.0 103.4 155.0
129 98.0 72.2 108.4
131 95.1 69.4 104.2



#65
Chlorobenzene
Concen: 50.995 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX008227.D
Acq: 20 Mar 2019 07:21

Tgt Ion:112 Resp: 538525
Ion Ratio Lower Upper
112 100
114 32.1 26.0 39.0

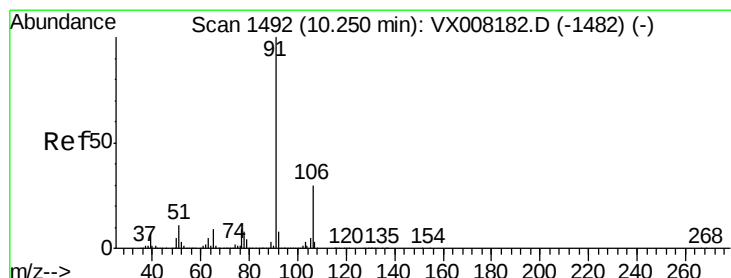
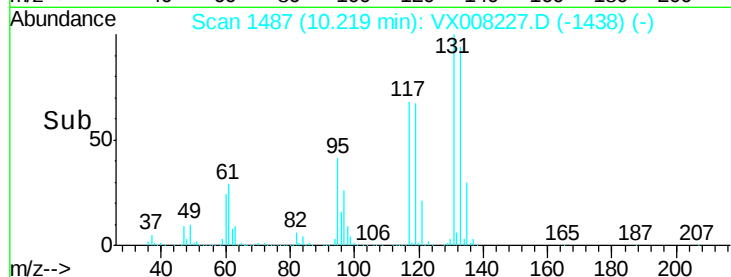
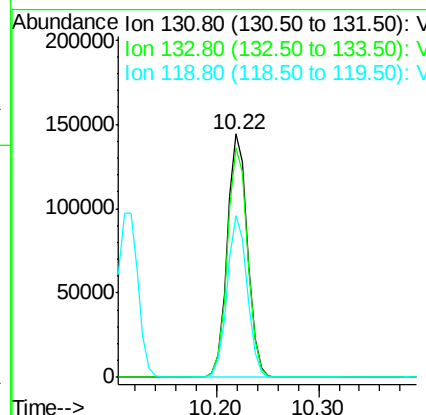
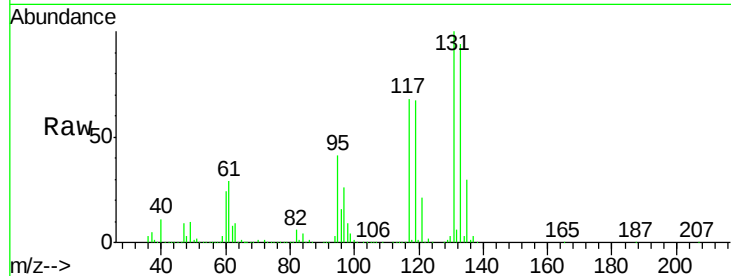




#66
 1,1,1,2-Tetrachloroethane
 Concen: 53.623 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VX008227.D
 Acq: 20 Mar 2019 07:21

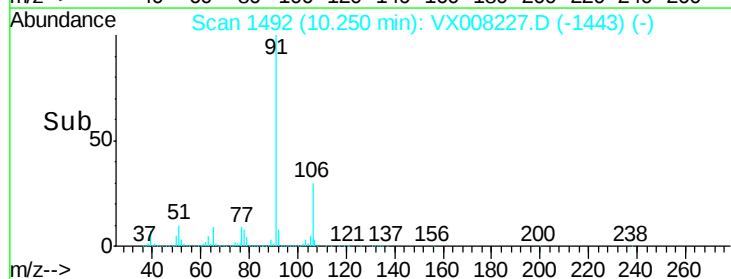
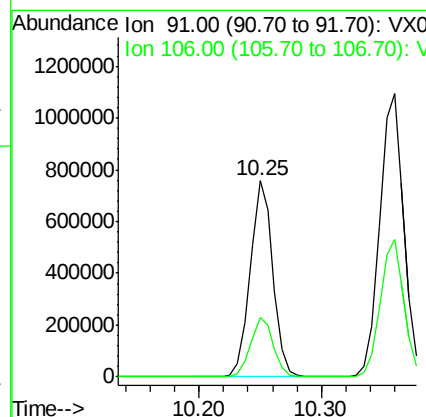
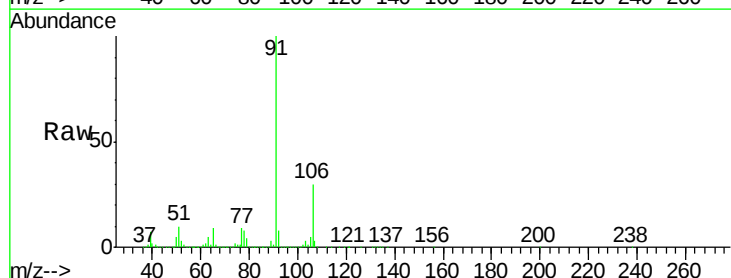
Instrument :
 MSVOA_X
 ClientSampleId :

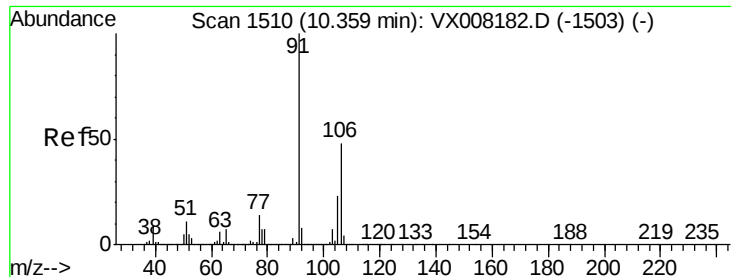
Tot Ion	Ratio	Lower	Upper
131	100		
133	94.6	47.8	143.3
119	66.2	32.5	97.5



#67
 Ethyl Benzene
 Concen: 52.082 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX008227.D
 Acq: 20 Mar 2019 07:21

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.3	25.2	37.8

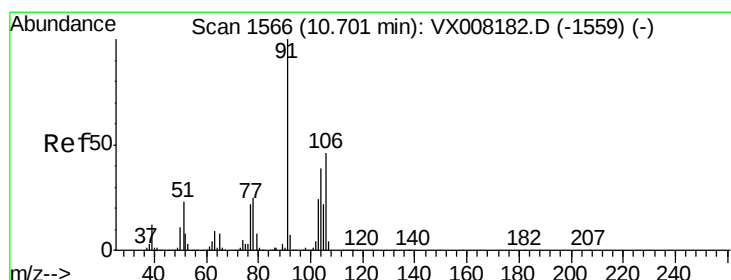
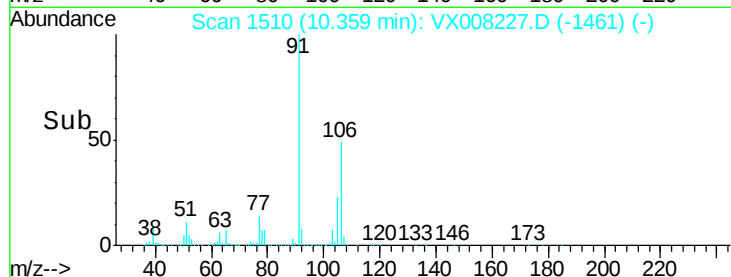
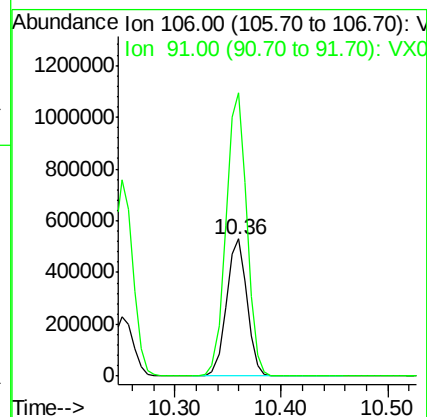
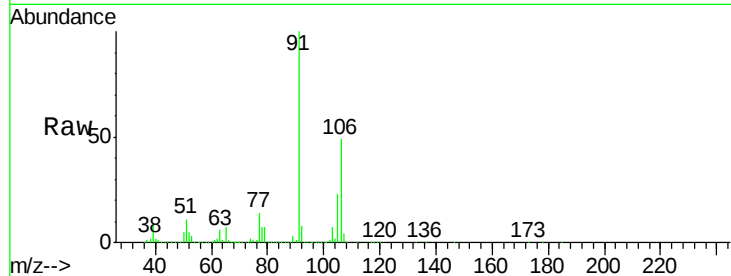




#68
m/p-Xylenes
Concen: 104.360 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008227.D
Acq: 20 Mar 2019 07:21

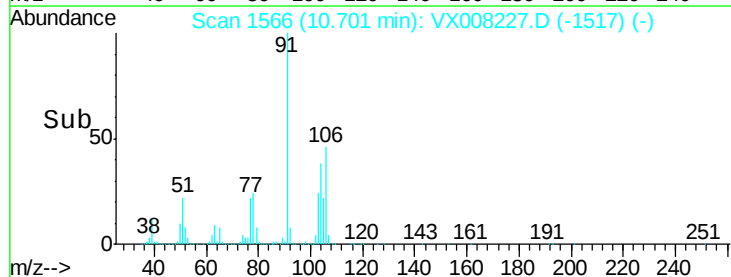
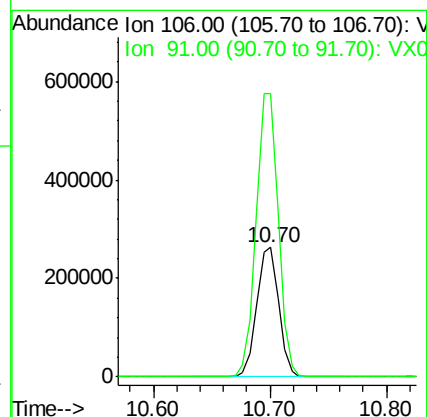
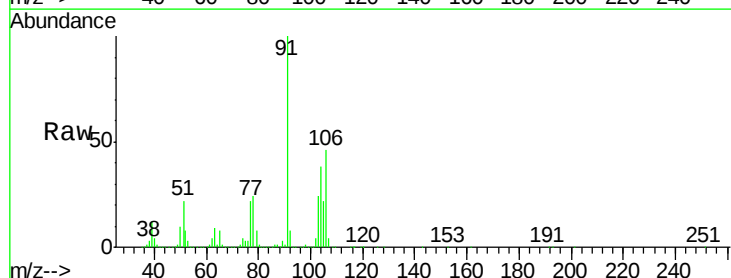
Instrument :
MSVOA_X
ClientSampleId :

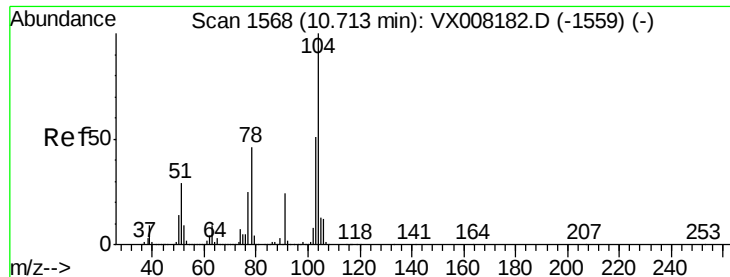
Tot Ion:106 Resp: 713403
Ion Ratio Lower Upper
106 100
91 209.0 159.8 239.6



#69
o-Xylene
Concen: 52.334 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX008227.D
Acq: 20 Mar 2019 07:21

Tgt Ion:106 Resp: 347632
Ion Ratio Lower Upper
106 100
91 221.0 106.3 318.9





#70

Stvrene

Concen: 53.380 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

Instrument :

MSVOA_X

ClientSampled :

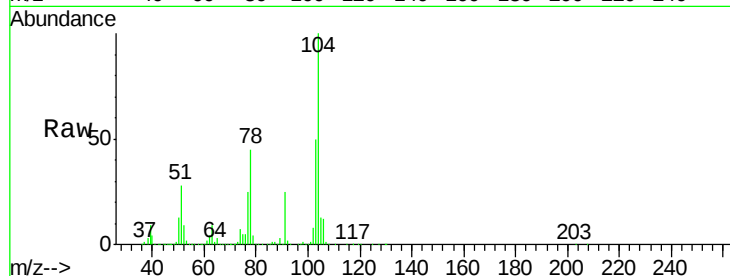
Tot Ion:104 Resp: 576246

Ion Ratio Lower Upper

104 100

78 52.7 38.5 57.7

103 55.7 44.1 66.1



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V

600000

500000

400000

300000

200000

100000

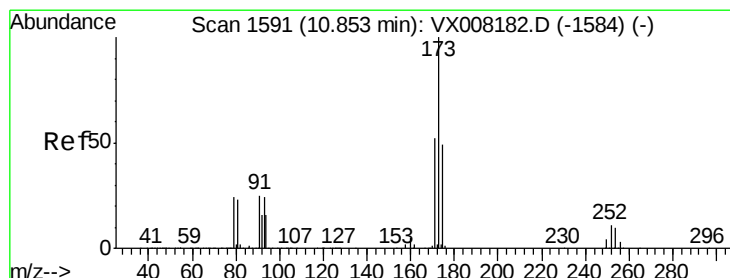
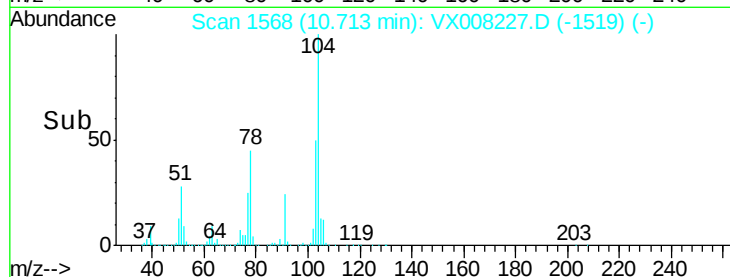
0

10.71

10.70

10.80

Time-->



#71

Bromoform

Concen: 48.547 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

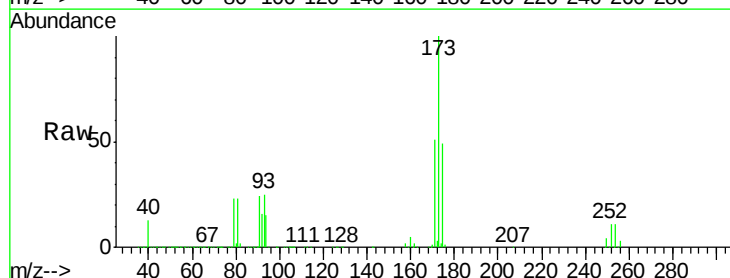
Tgt Ion:173 Resp: 153799

Ion Ratio Lower Upper

173 100

175 48.6 24.3 72.9

254 0.2 0.1 0.1#



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

150000

100000

50000

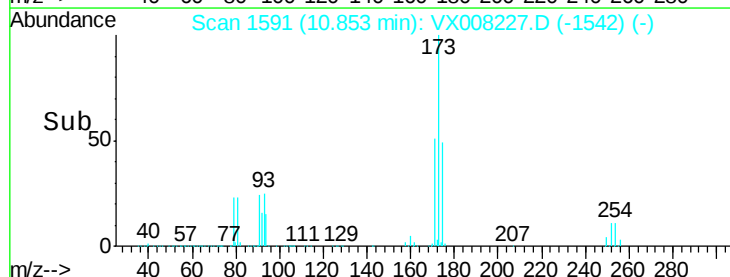
0

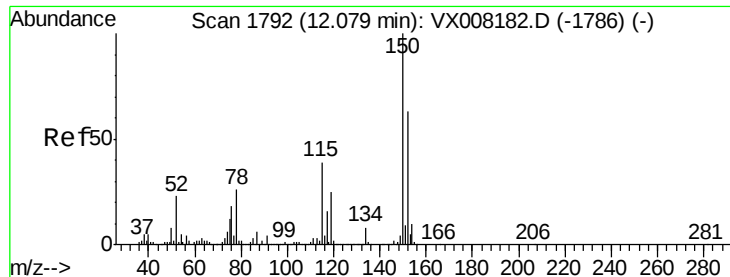
10.85

10.80

10.90

Time-->



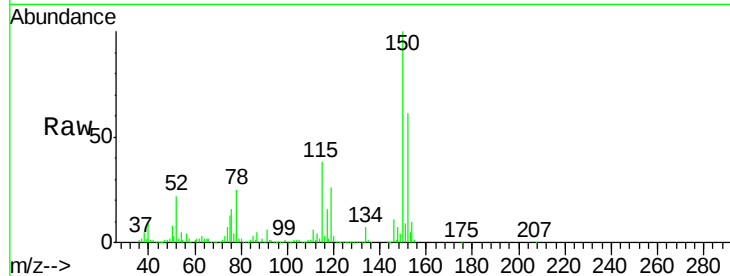


#72

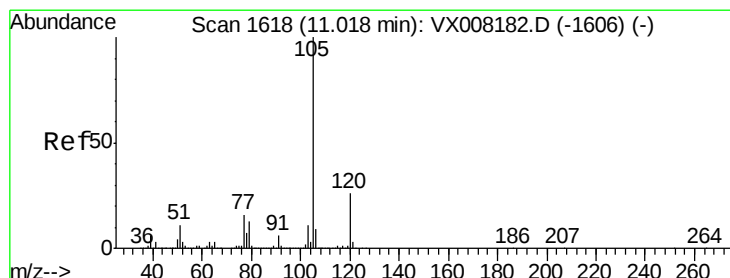
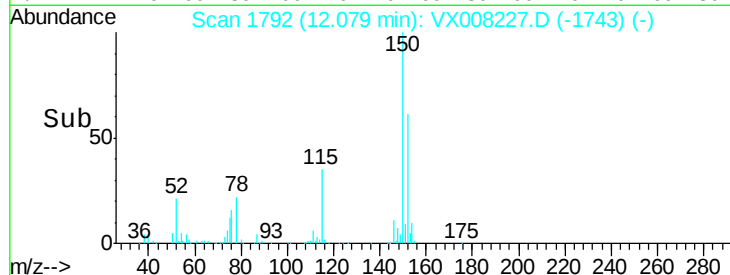
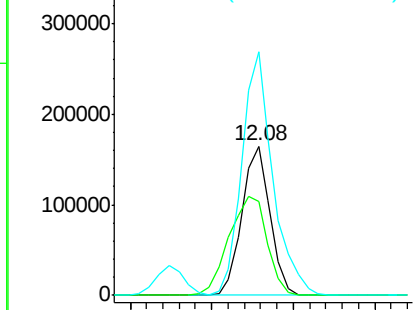
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008227.D
Acq: 20 Mar 2019 07:21

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	89.6	38.6	115.7
150	179.5	0.0	348.4



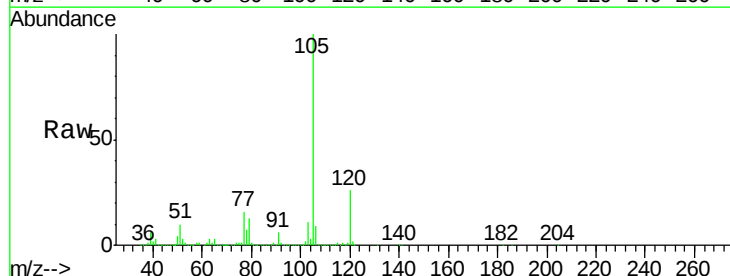
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



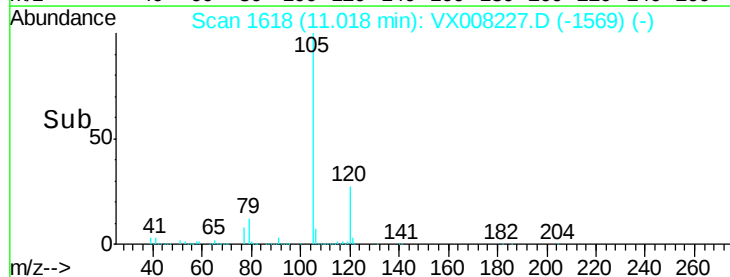
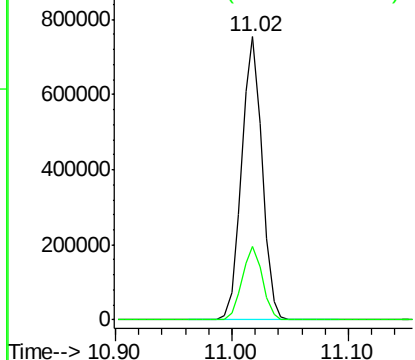
#73

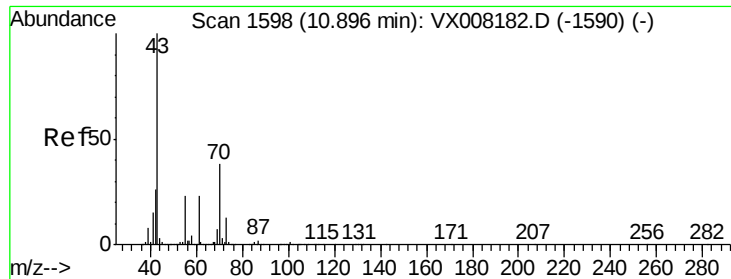
Isopropylbenzene
Concen: 52.419 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX008227.D
Acq: 20 Mar 2019 07:21

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.8	13.4	40.1



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





#74

N-amvl acetate

Concen: 40.759 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 43 Resp: 376799

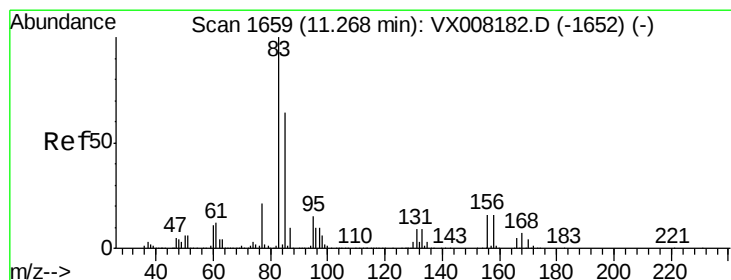
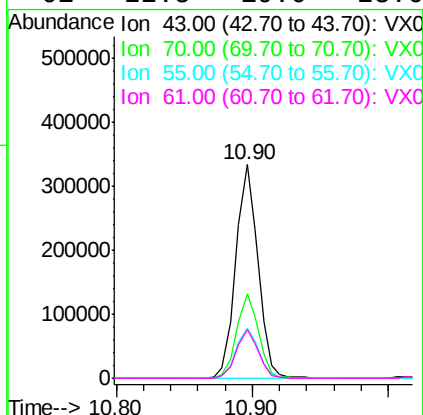
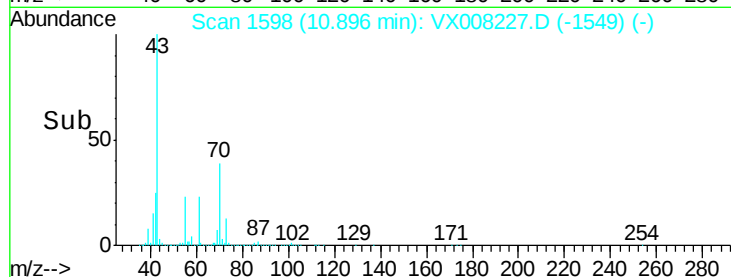
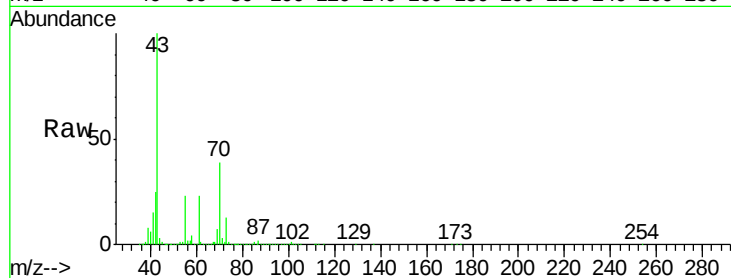
Ion	Ratio	Lower	Upper
43	100		
70	39.4	33.5	50.3
55	24.0	19.2	28.8
61	22.5	19.0	28.6

43 100

70 39.4 33.5 50.3

55 24.0 19.2 28.8

61 22.5 19.0 28.6



#75

1,1,2,2-Tetrachloroethane

Concen: 50.831 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

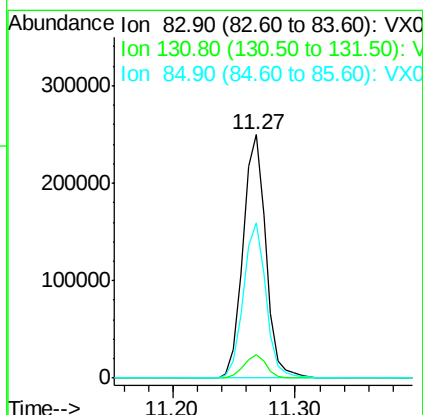
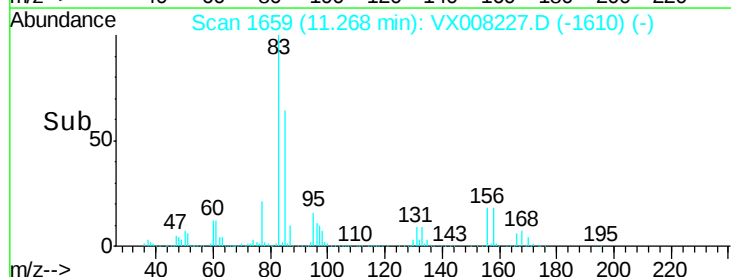
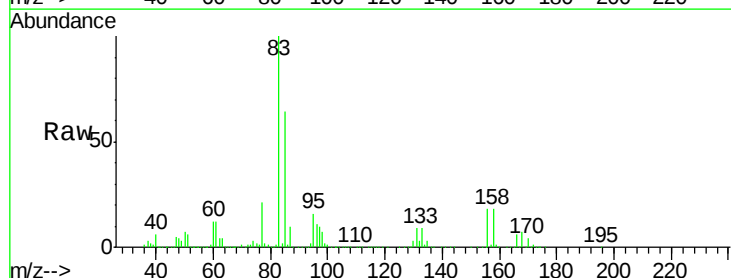
Tgt Ion: 83 Resp: 321605

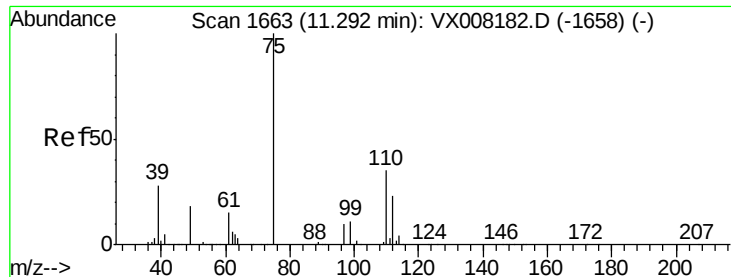
Ion	Ratio	Lower	Upper
83	100		
131	9.4	5.4	16.2
85	63.7	32.3	96.8

83 100

131 9.4 5.4 16.2

85 63.7 32.3 96.8

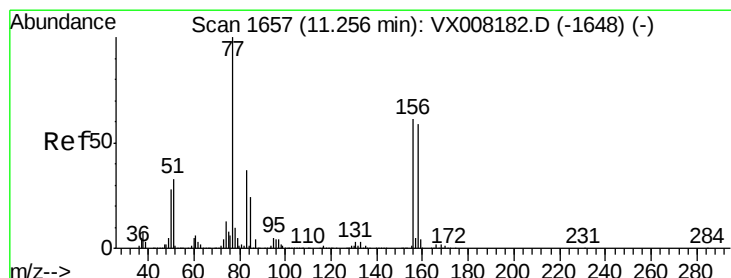
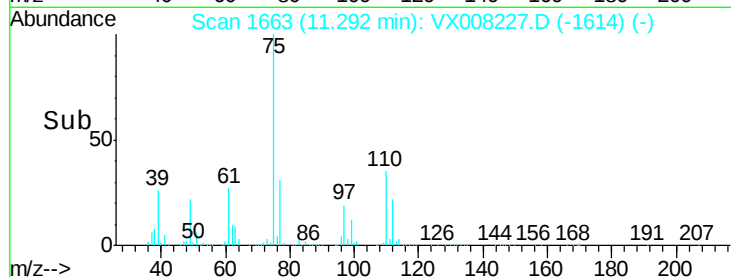
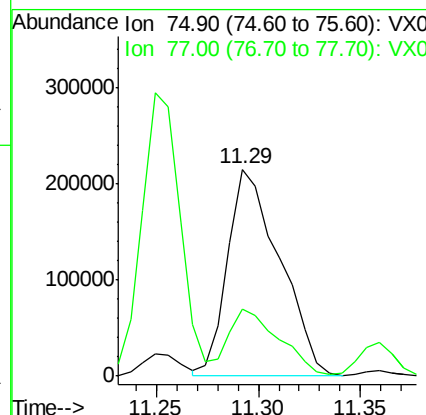
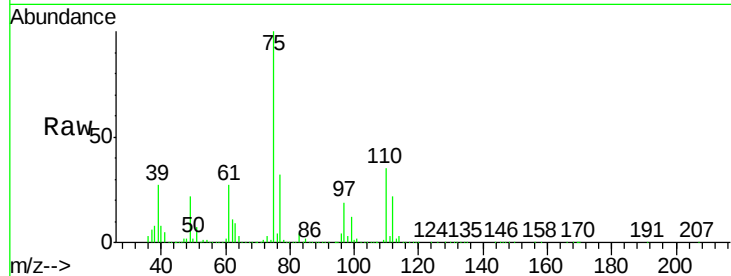




#76
 1,2,3-Trichloropropane
 Concen: 68.346 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX008227.D
 Acq: 20 Mar 2019 07:21

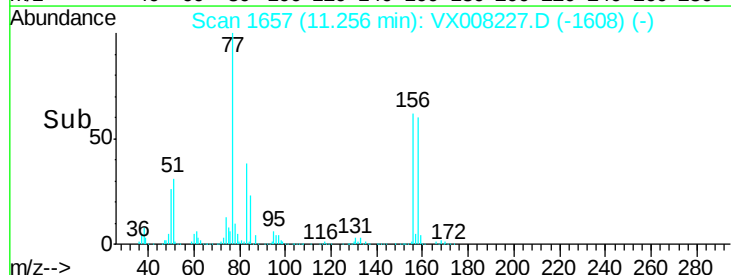
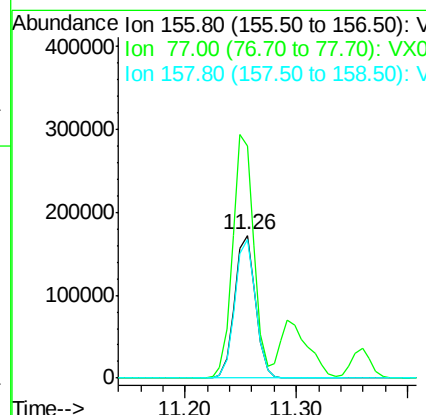
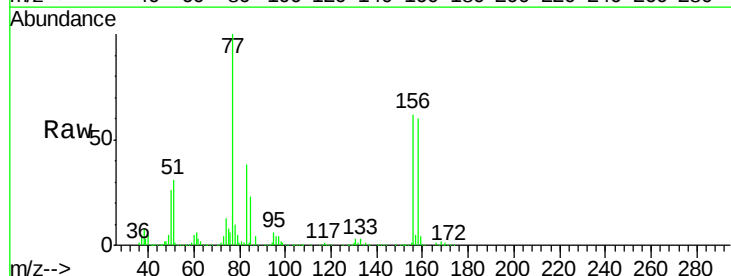
Instrument :
 MSVOA_X
 ClientSampleId :

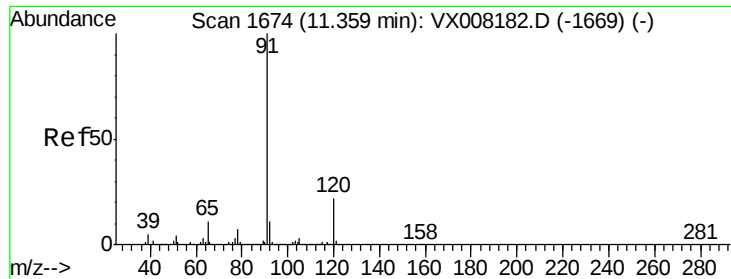
Tot Ion: 75 Resp: 380523
 Ion Ratio Lower Upper
 75 100
 77 31.8 18.9 56.7



#77
 Bromobenzene
 Concen: 52.056 ug/l
 RT: 11.26 min Scan# 1657
 Delta R.T. -0.00 min
 Lab File: VX008227.D
 Acq: 20 Mar 2019 07:21

Tgt Ion: 156 Resp: 222079
 Ion Ratio Lower Upper
 156 100
 77 172.5 72.0 215.9
 158 97.0 48.6 145.9





#78

n-propylbenzene

Concen: 52.489 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

Instrument :

MSVOA_X

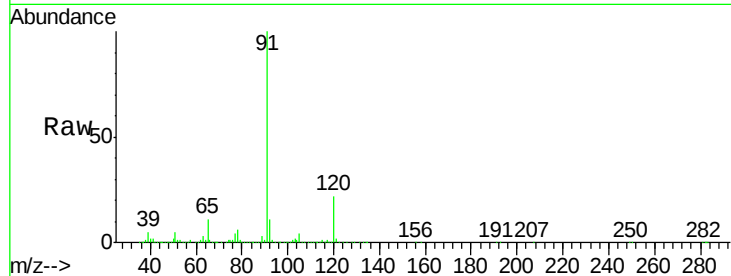
ClientSampleId :

Tot Ion: 91 Resp: 1075687

Ion Ratio Lower Upper

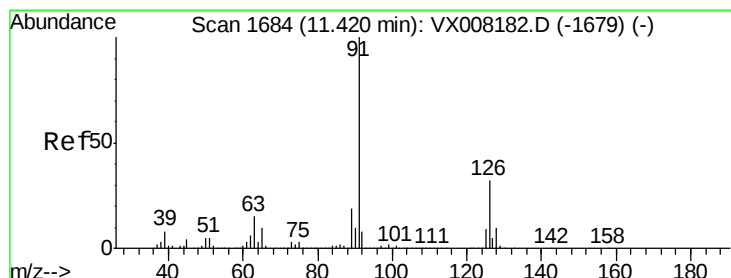
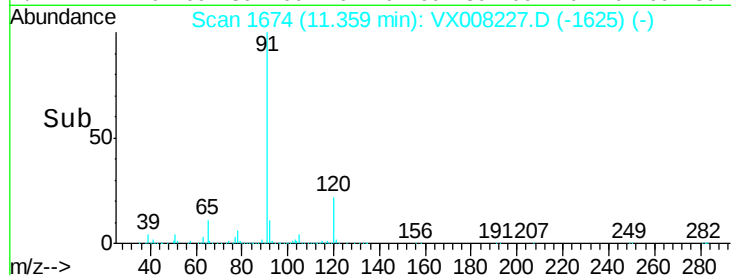
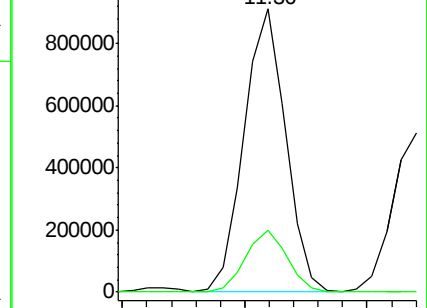
91 100

120 21.9 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 51.236 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008227.D

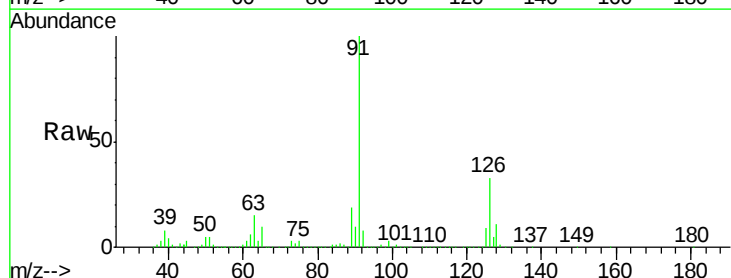
Acq: 20 Mar 2019 07:21

Tgt Ion: 91 Resp: 630220

Ion Ratio Lower Upper

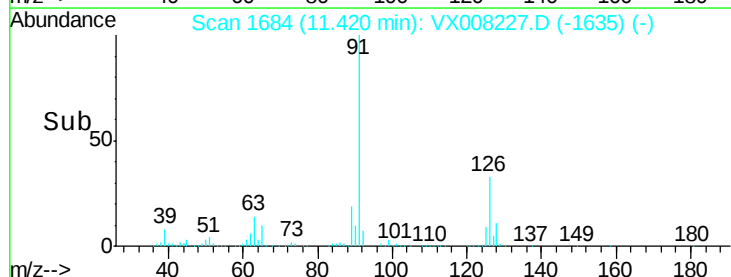
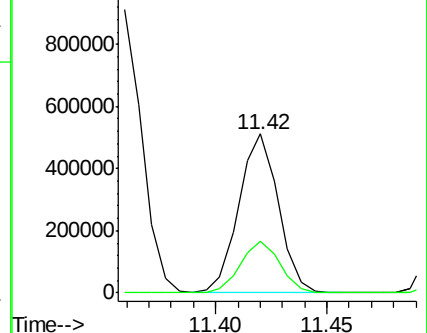
91 100

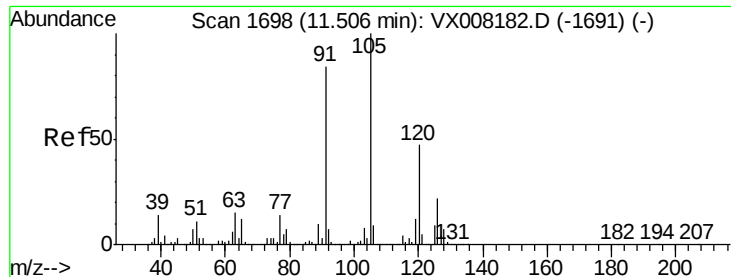
126 32.8 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 52.257 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

Instrument :

MSVOA_X

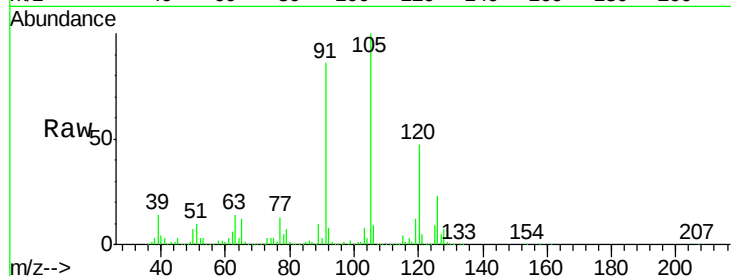
ClientSampleId :

Tot Ion:105 Resp: 761766

Ion Ratio Lower Upper

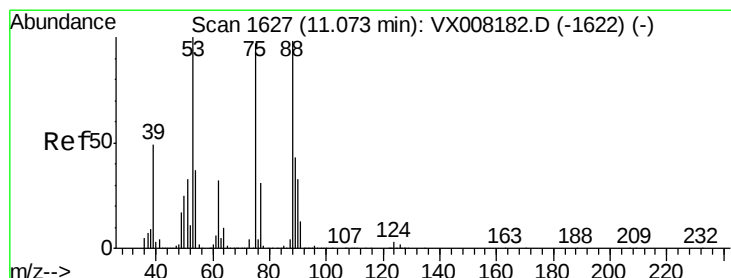
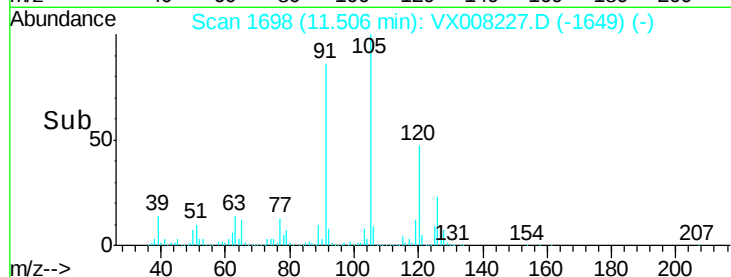
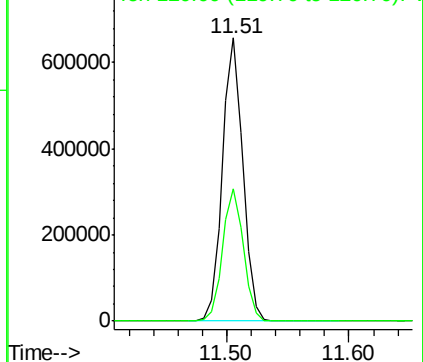
105 100

120 47.5 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 42.356 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

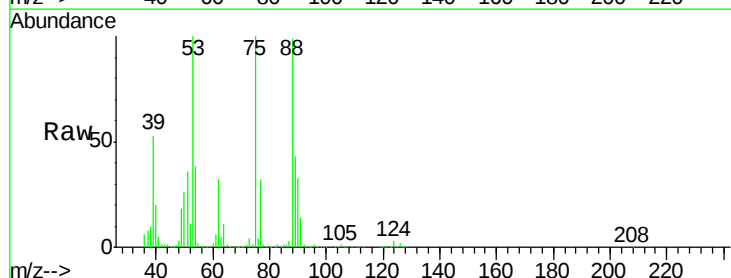
Tgt Ion: 75 Resp: 92012

Ion Ratio Lower Upper

75 100

53 102.7 76.1 114.1

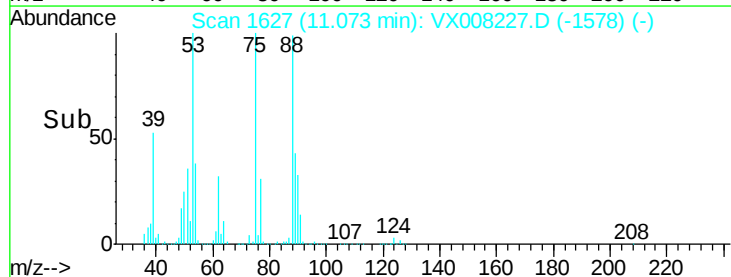
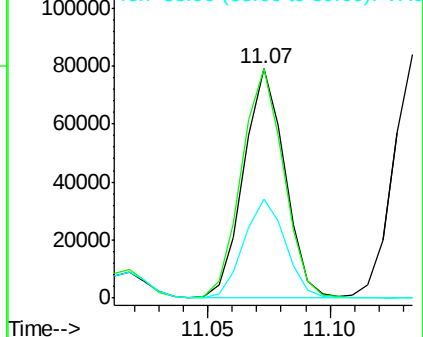
89 44.3 36.3 54.5

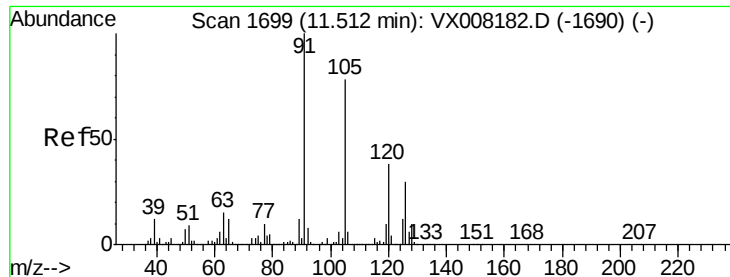


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

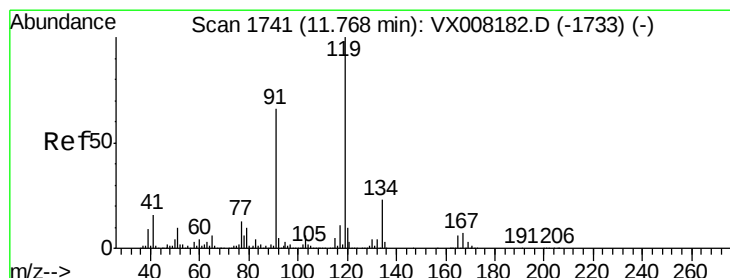
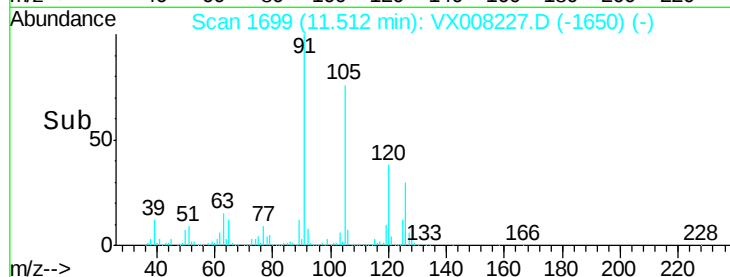
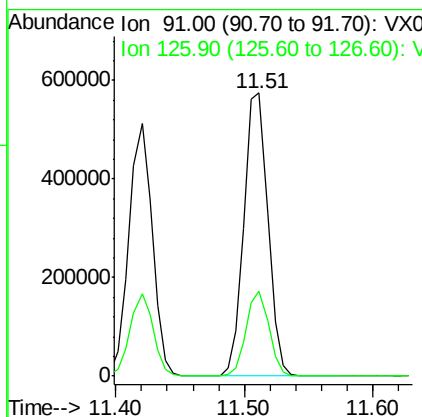
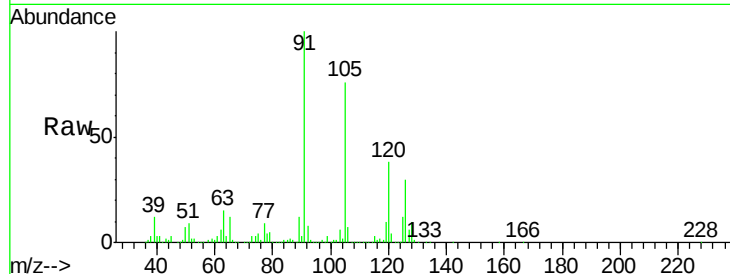




#82
4-Chlorotoluene
Concen: 51.573 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX008227.D
Acq: 20 Mar 2019 07:21

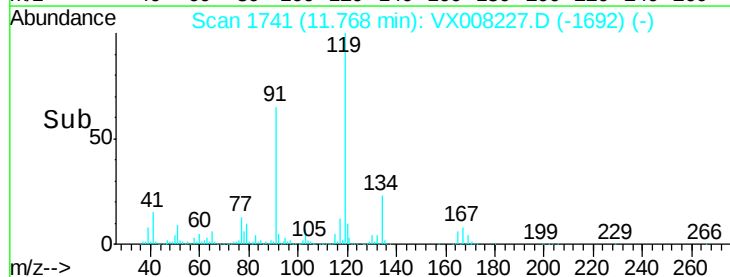
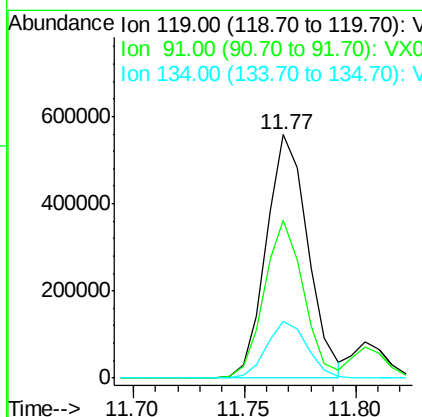
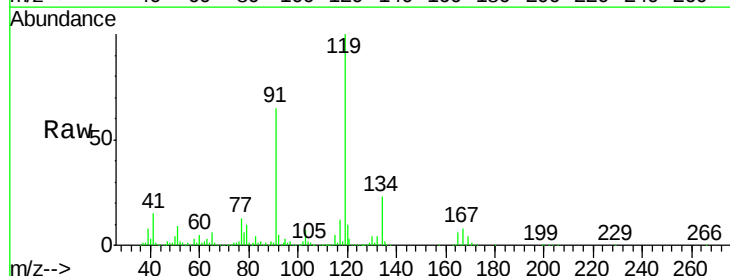
Instrument :
MSVOA_X
ClientSampled :

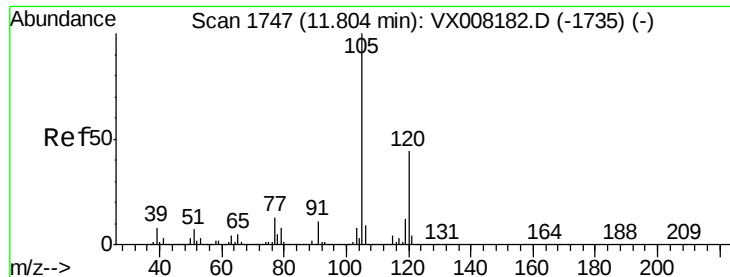
Tot Ion: 91 Resp: 738188
Ion Ratio Lower Upper
91 100
126 28.4 15.6 46.8



#83
tert-Butylbenzene
Concen: 52.173 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX008227.D
Acq: 20 Mar 2019 07:21

Tgt Ion: 119 Resp: 726105
Ion Ratio Lower Upper
119 100
91 61.4 27.1 81.3
134 22.6 11.4 34.1





#84

1,2,4-Trimethylbenzene

Concen: 52.777 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

Instrument :

MSVOA_X

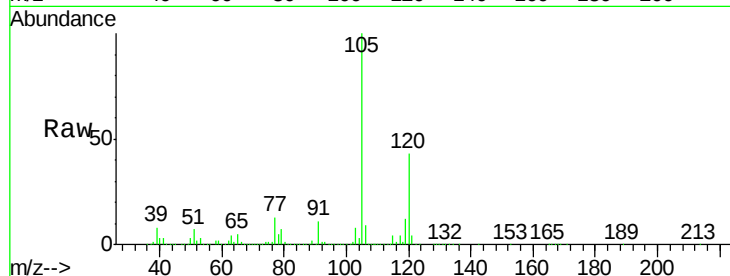
ClientSampleId :

Tot Ion:105 Resp: 779945

Ion Ratio Lower Upper

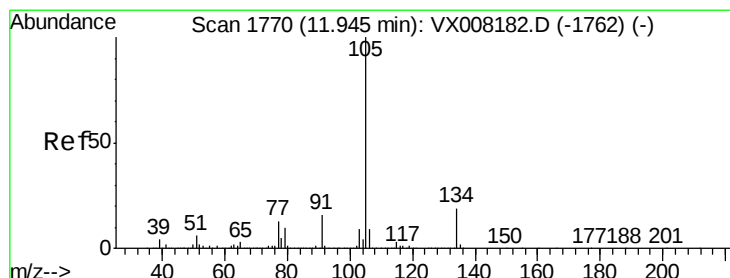
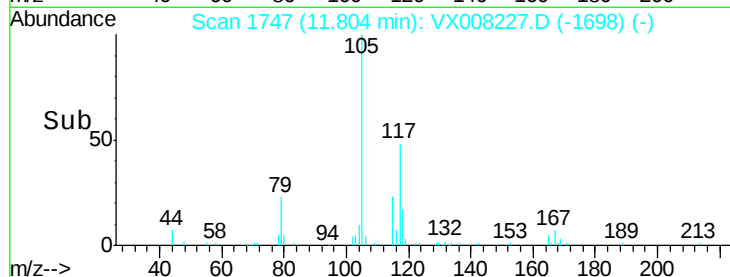
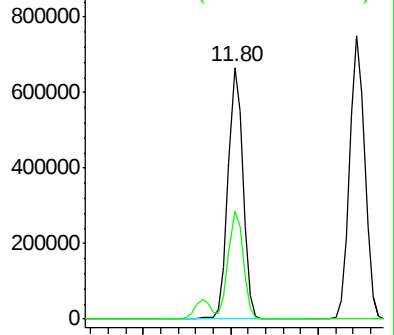
105 100

120 43.0 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 52.495 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008227.D

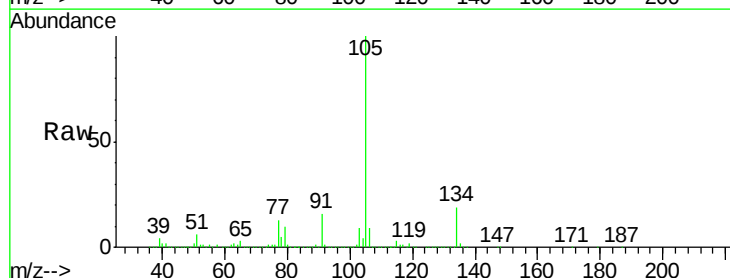
Acq: 20 Mar 2019 07:21

Tgt Ion:105 Resp: 904748

Ion Ratio Lower Upper

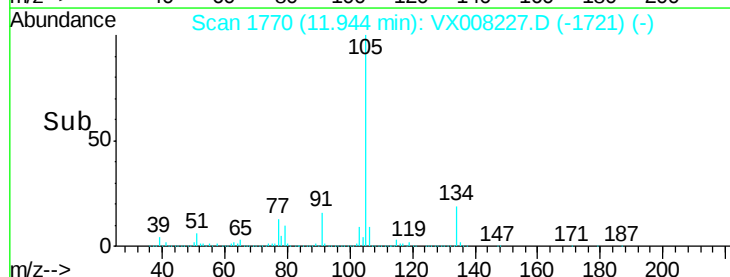
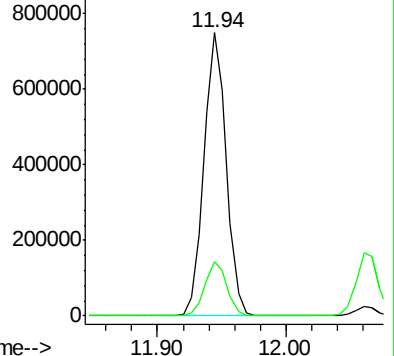
105 100

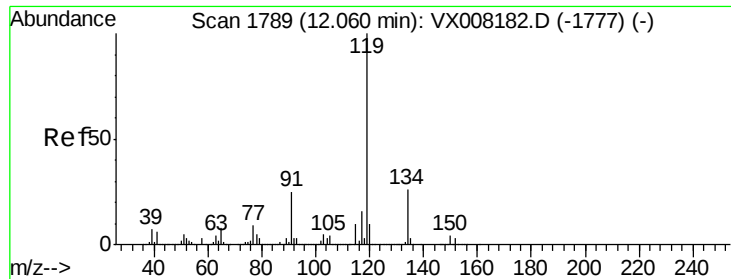
134 19.0 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

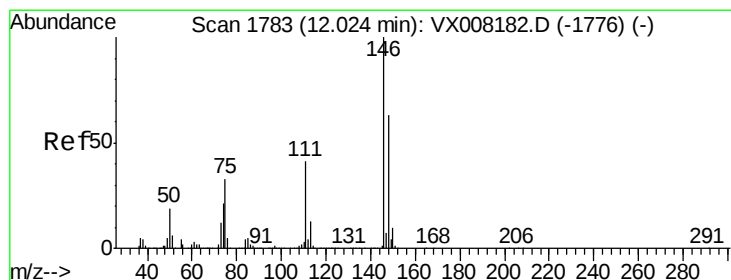
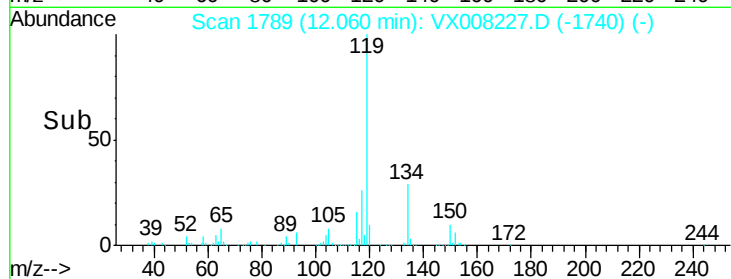
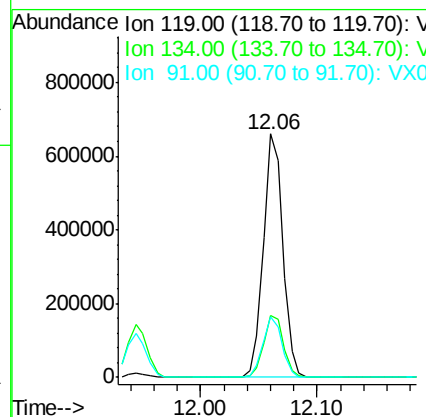
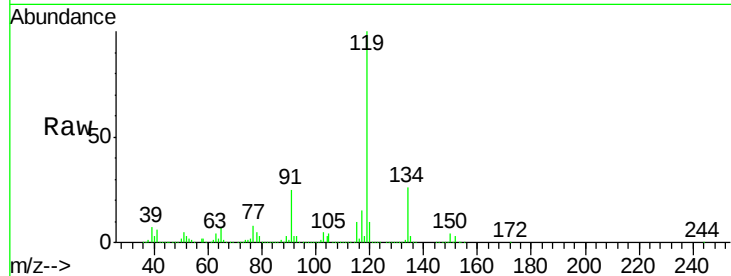




#86
 p-Isopropyltoluene
 Concen: 51.830 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX008227.D
 Acq: 20 Mar 2019 07:21

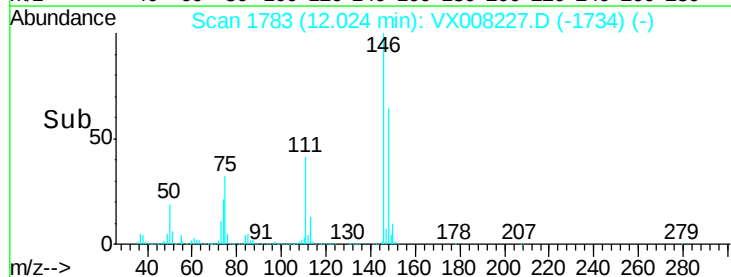
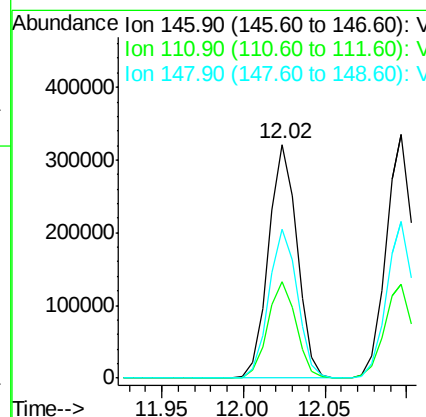
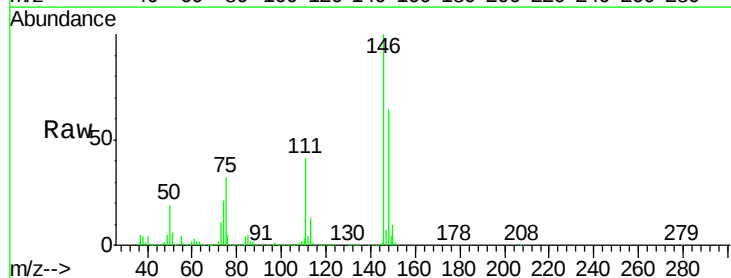
Instrument :
 MSVOA_X
 ClientSampled :

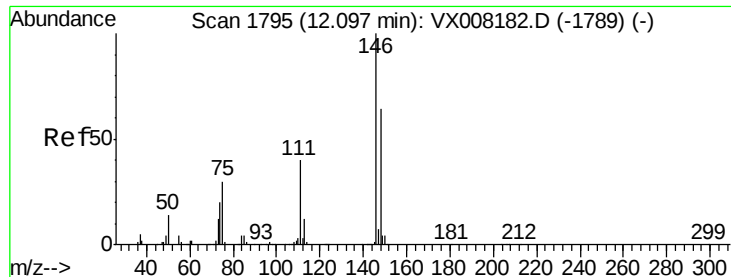
Tot Ion:119 Resp: 773233
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.3 39.9
 91 24.5 10.9 32.7



#87
 1,3-Dichlorobenzene
 Concen: 51.110 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008227.D
 Acq: 20 Mar 2019 07:21

Tgt Ion:146 Resp: 389670
 Ion Ratio Lower Upper
 146 100
 111 41.0 18.9 56.7
 148 63.8 31.7 95.1





#88

1,4-Dichlorobenzene

Concen: 49.690 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

Instrument :

MSVOA_X

ClientSampled :

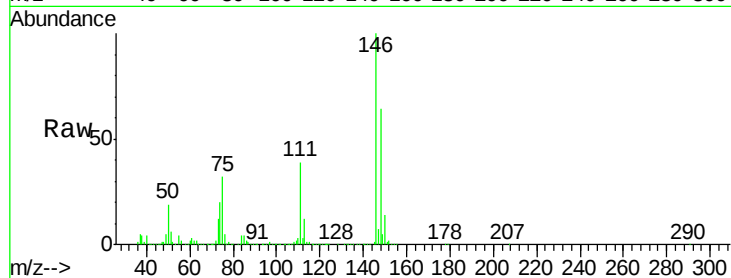
Tot Ion:146 Resp: 391863

Ion Ratio Lower Upper

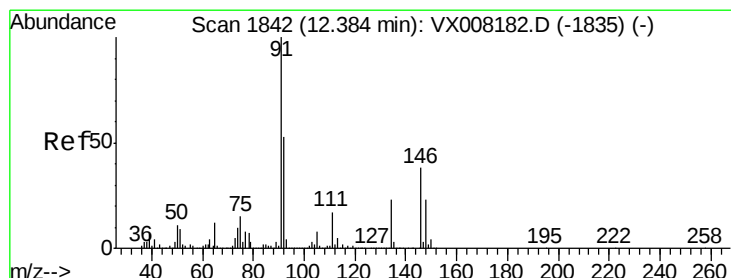
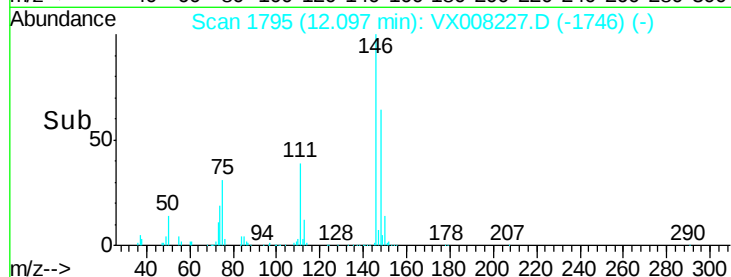
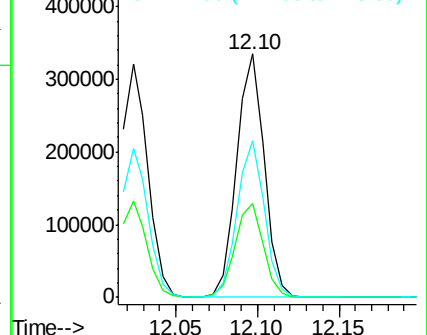
146 100

111 39.8 18.4 55.0

148 63.7 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 50.268 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

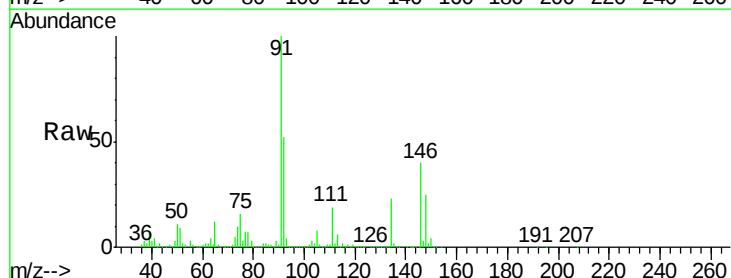
Tgt Ion: 91 Resp: 703864

Ion Ratio Lower Upper

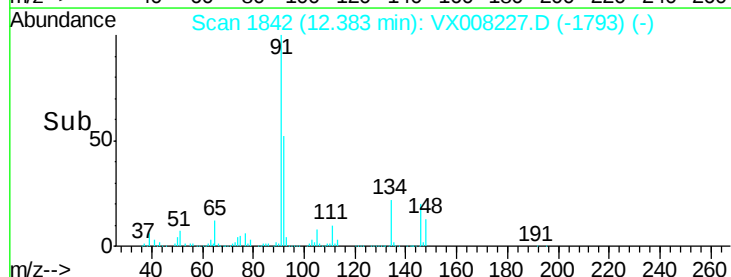
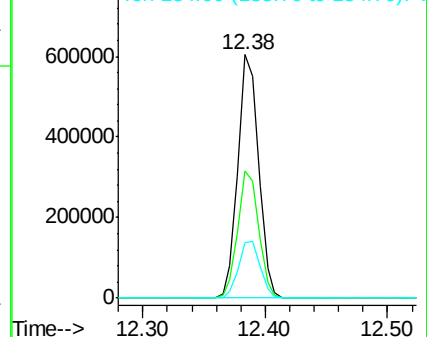
91 100

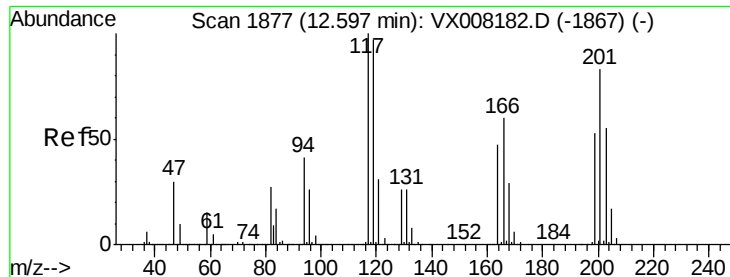
92 52.4 27.0 80.8

134 24.4 13.7 41.0



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

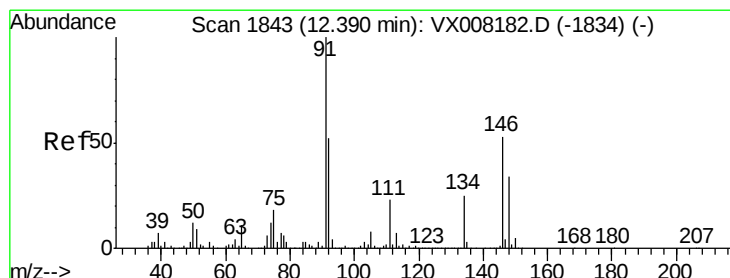
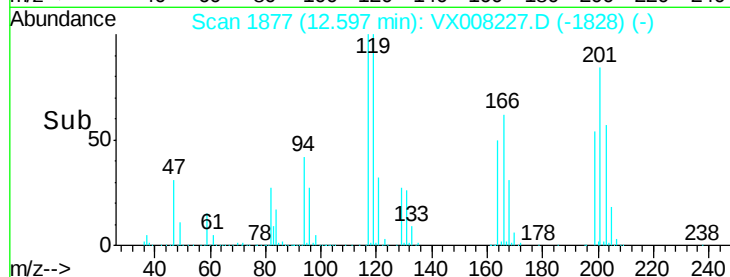
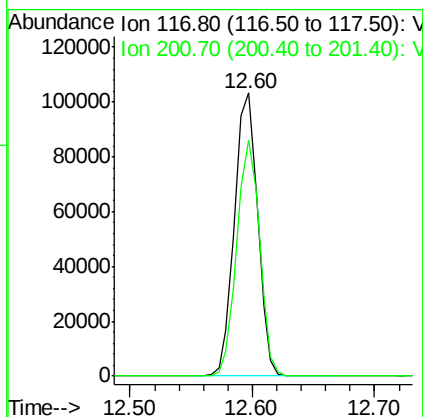
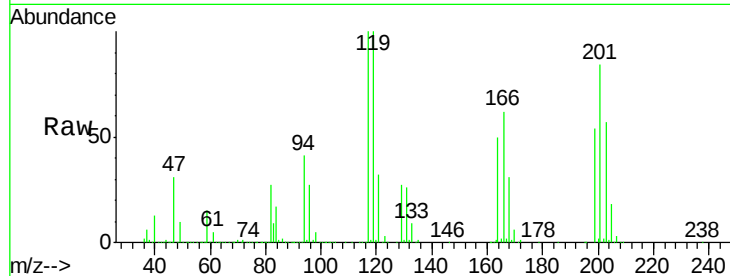




#90
Hexachloroethane
Concen: 53.156 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008227.D
Acq: 20 Mar 2019 07:21

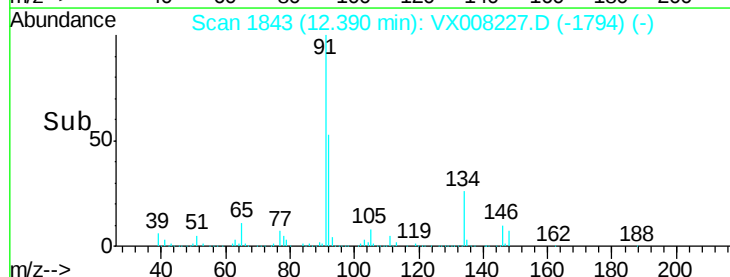
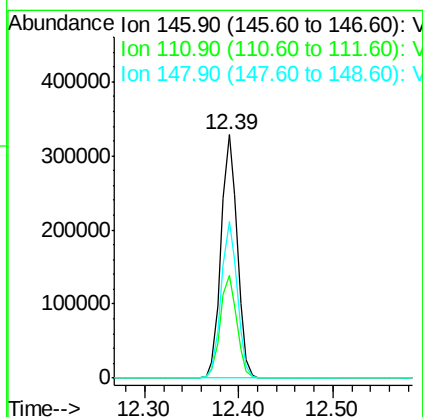
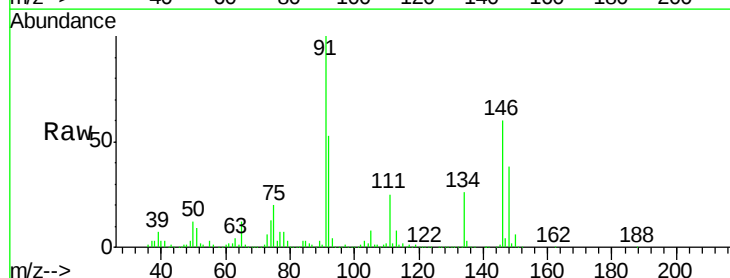
Instrument :
MSVOA_X
ClientSampleId :

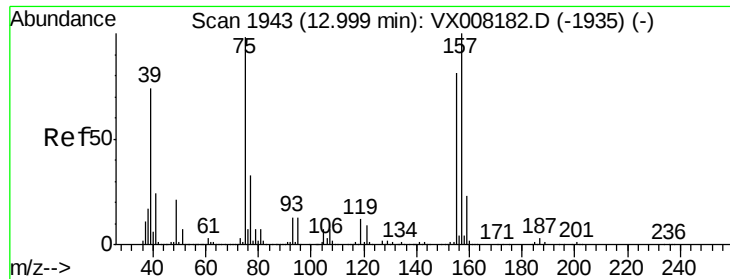
Tot Ion:117 Resp: 135057
Ion Ratio Lower Upper
117 100
201 82.0 48.9 146.7



#91
1,2-Dichlorobenzene
Concen: 51.170 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX008227.D
Acq: 20 Mar 2019 07:21

Tgt Ion:146 Resp: 393364
Ion Ratio Lower Upper
146 100
111 42.8 19.6 58.8
148 64.0 31.9 95.5





#92

1,2-Dibromo-3-Chloropropane

Concen: 51.599 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

Instrument :

MSVOA_X

ClientSampleId :

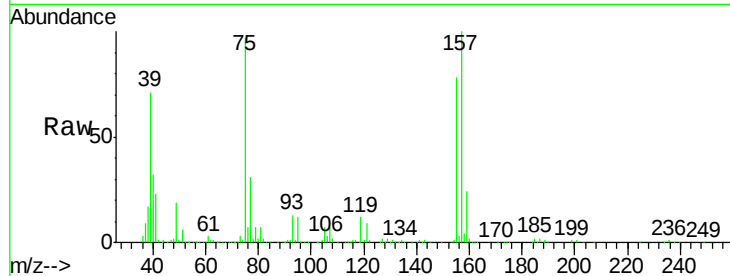
Tot Ion: 75 Resp: 72511

Ion Ratio Lower Upper

75 100

155 80.6 49.7 149.1

157 102.5 63.8 191.4

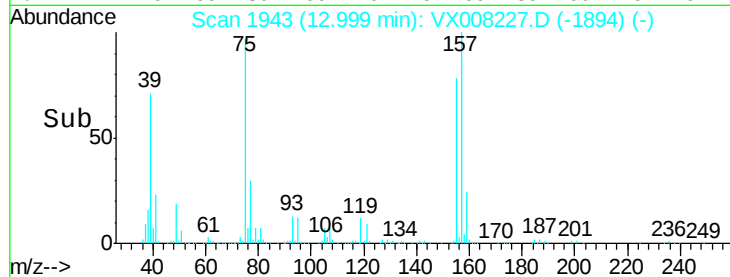


Abundance Ion 74.90 (74.60 to 75.60): VX008182.D (-1935) (-)

Ion 154.80 (154.50 to 155.50): VX008182.D (-1935) (-)

Ion 156.80 (156.50 to 157.50): VX008182.D (-1935) (-)

Time--> 12.90 12.95 13.00 13.05

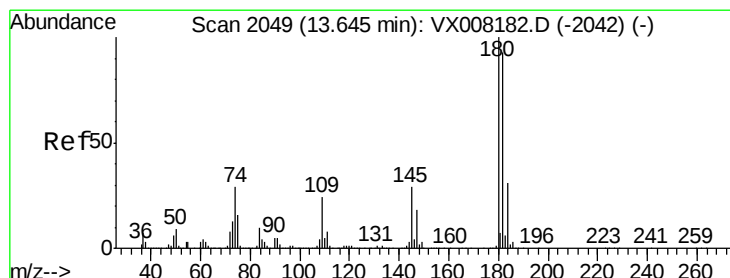


Abundance Ion 74.90 (74.60 to 75.60): VX008227.D (-1894) (-)

Ion 154.80 (154.50 to 155.50): VX008227.D (-1894) (-)

Ion 156.80 (156.50 to 157.50): VX008227.D (-1894) (-)

Time--> 12.90 12.95 13.00 13.05



#93

1,2,4-Trichlorobenzene

Concen: 50.607 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

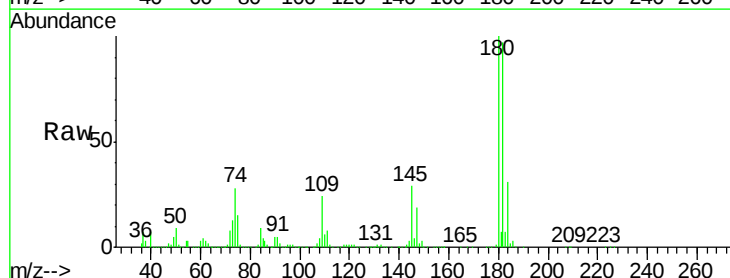
Tgt Ion: 180 Resp: 256252

Ion Ratio Lower Upper

180 100

182 95.0 47.9 143.7

145 29.6 14.1 42.4

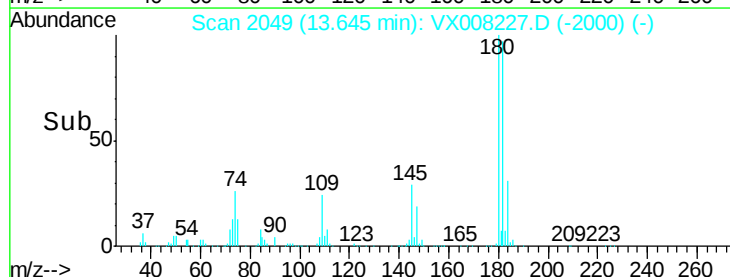


Abundance Ion 179.80 (179.50 to 180.50): VX008182.D (-2042) (-)

Ion 181.80 (181.50 to 182.50): VX008182.D (-2042) (-)

Ion 144.80 (144.50 to 145.50): VX008182.D (-2042) (-)

Time--> 13.60 13.65 13.70

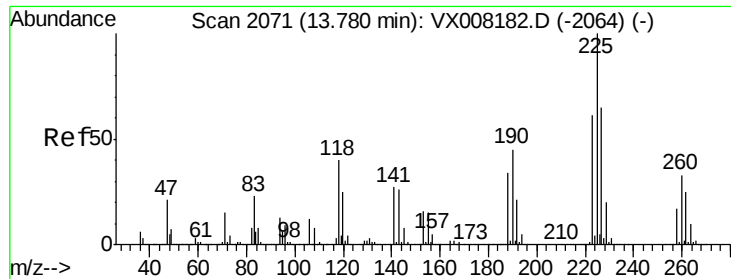


Abundance Ion 179.80 (179.50 to 180.50): VX008227.D (-2000) (-)

Ion 181.80 (181.50 to 182.50): VX008227.D (-2000) (-)

Ion 144.80 (144.50 to 145.50): VX008227.D (-2000) (-)

Time--> 13.60 13.65 13.70



#94

Hexachlorobutadiene

Concen: 49.002 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

Instrument :

MSVOA_X

ClientSampleId :

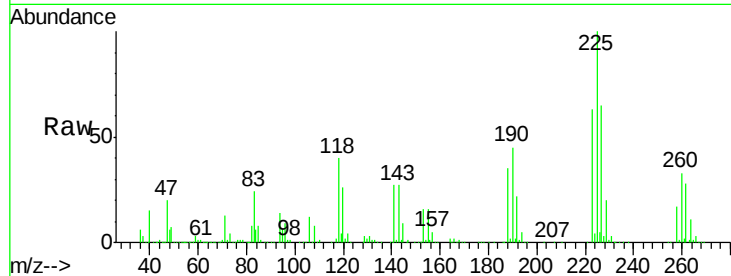
Tot Ion:225 Resp: 121014

Ion Ratio Lower Upper

225 100

223 62.6 31.1 93.2

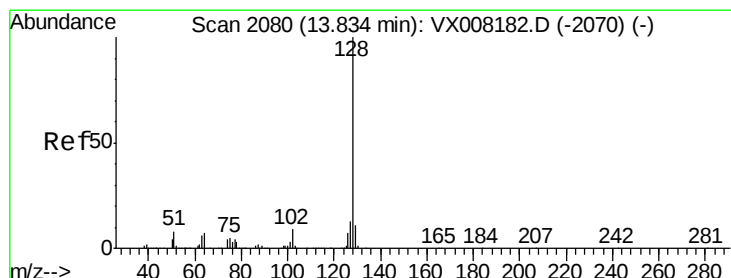
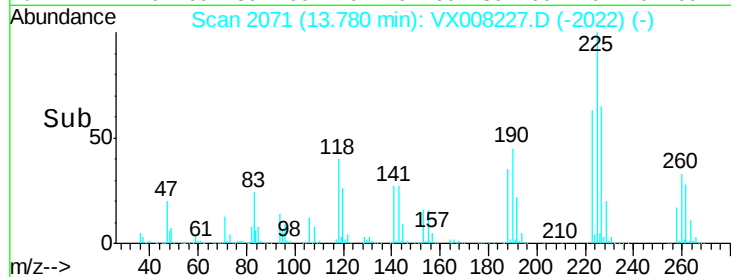
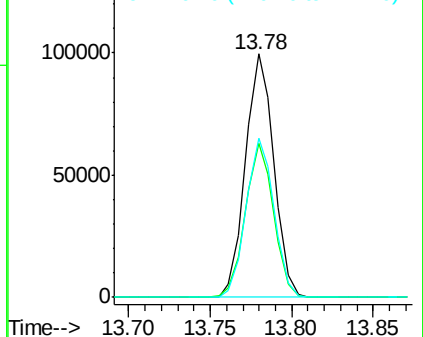
227 64.5 32.0 96.0



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 53.733 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

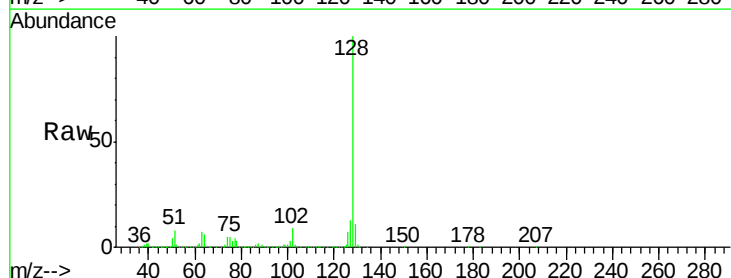
Tgt Ion:128 Resp: 858746

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

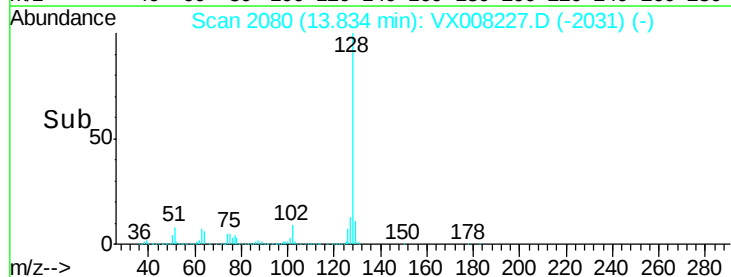
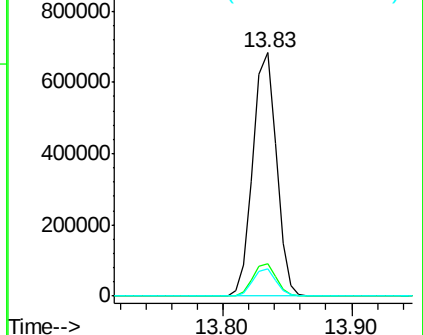
129 11.0 8.7 13.1

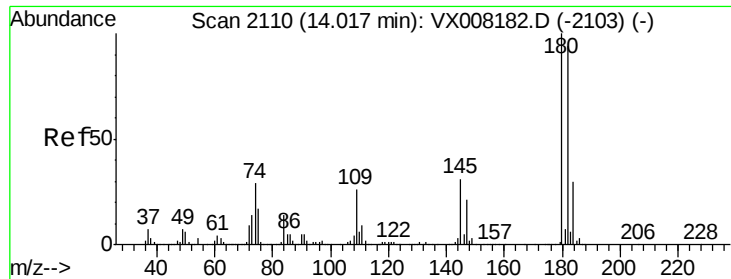


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

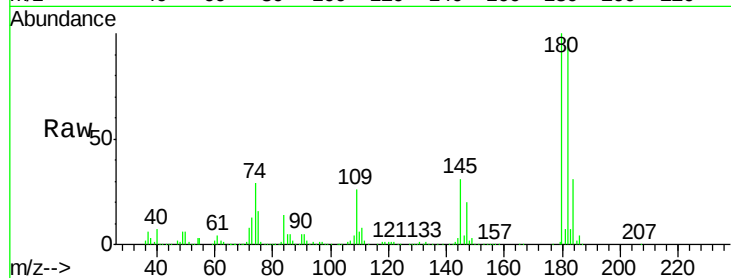




#96
 1,2,3-Trichlorobenzene
 Concen: 52.377 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX008227.D
 Acq: 20 Mar 2019 07:21

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.5	142.5
145	31.3	14.8	44.3



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

