

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032119\
 Data File : VX008285.D
 Acq On : 21 Mar 2019 12:53
 Operator : JC/SP
 Sample : VX0321WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBS01

Quant Time: Mar 22 08:41:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 13:15:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	272650	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	435871	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	387809	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	185210	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	185194	45.10	ug/l	0.00
Spiked Amount			Recovery	=	90.20%	
35) Dibromofluoromethane	5.50	113	142772	48.93	ug/l	0.00
Spiked Amount			Recovery	=	97.86%	
50) Toluene-d8	8.71	98	536203	48.47	ug/l	0.00
Spiked Amount			Recovery	=	96.94%	
62) 4-Bromofluorobenzene	11.13	95	191444	50.26	ug/l	0.00
Spiked Amount			Recovery	=	100.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	68748	20.797	ug/l	99
3) Chloromethane	1.33	50	67350	16.237	ug/l	97
4) Vinyl Chloride	1.41	62	72788	17.600	ug/l	99
5) Bromomethane	1.64	94	63325	17.976	ug/l	99
6) Chloroethane	1.73	64	51420	19.830	ug/l	96
7) Trichlorofluoromethane	1.93	101	97928	18.555	ug/l	98
8) Diethyl Ether	2.19	74	54150	19.942	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	72666	20.737	ug/l	91
10) Methyl Iodide	2.51	142	90018	20.175	ug/l	95
11) Tert butyl alcohol	3.04	59	88178	100.309	ug/l	99
12) 1,1-Dichloroethene	2.38	96	67527	20.412	ug/l	94
13) Acrolein	2.29	56	81506	126.520	ug/l	99
14) Allyl chloride	2.73	41	142025	19.722	ug/l	92
15) Acrylonitrile	3.14	53	228150	98.123	ug/l	99
16) Acetone	2.44	43	241964	103.893	ug/l	95
17) Carbon Disulfide	2.57	76	213346	20.165	ug/l	99
18) Methyl Acetate	2.78	43	113954	21.135	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	244403	20.432	ug/l	99
20) Methylene Chloride	2.86	84	76031	19.577	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	70162	19.632	ug/l	90
22) Diisopropyl ether	3.85	45	285302	20.228	ug/l	# 84
23) Vinyl Acetate	3.81	43	1231422	101.835	ug/l	98
24) 1,1-Dichloroethane	3.70	63	146701	20.223	ug/l	100
25) 2-Butanone	4.67	43	347488	101.076	ug/l	98
26) 2,2-Dichloropropane	4.59	77	104779	19.174	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	82670	20.291	ug/l	92
28) Bromochloromethane	5.01	49	54719	16.799	ug/l	86
29) Tetrahydrofuran	5.13	42	217262	101.093	ug/l	99
30) Chloroform	5.21	83	140852	20.757	ug/l	100
31) Cyclohexane	5.58	56	141314	20.745	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	117091	20.744	ug/l	97
36) 1,1-Dichloropropene	5.80	75	106428	20.972	ug/l	97
37) Ethyl Acetate	4.83	43	125575	20.933	ug/l	99
38) Carbon Tetrachloride	5.78	117	101398	22.425	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	135132	22.128	ug/l	94
40) Benzene	6.14	78	318682	21.217	ug/l	99
41) Methacrylonitrile	5.04	41	71491	21.246	ug/l	97
42) 1,2-Dichloroethane	6.19	62	116700	21.209	ug/l	96
43) Isopropyl Acetate	6.44	43	202766	21.088	ug/l	98
44) Trichloroethene	7.21	130	77186	21.017	ug/l	89
45) 1,2-Dichloropropane	7.51	63	87851	20.894	ug/l	98
46) Dibromomethane	7.66	93	53525	21.025	ug/l	88
47) Bromodichloromethane	7.90	83	108863	22.438	ug/l	98
48) Methyl methacrylate	7.77	41	106321	20.796	ug/l	93
49) 1,4-Dioxane	7.74	88	38075	422.018	ug/l	92
51) 4-Methyl-2-Pentanone	8.64	43	665630	107.078	ug/l	98
52) Toluene	8.78	92	190961	21.430	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	116180	19.999	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	126838	21.065	ug/l	91
55) 1,1,2-Trichloroethane	9.21	97	78786	21.883	ug/l	99
56) Ethyl methacrylate	9.18	69	127154	20.449	ug/l #	91
57) 1,3-Dichloropropane	9.37	76	136709	21.465	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	273749	92.803	ug/l	95
59) 2-Hexanone	9.49	43	512486	107.085	ug/l	96
60) Dibromochloromethane	9.58	129	82141	23.740	ug/l	100
61) 1,2-Dibromoethane	9.67	107	82147	21.852	ug/l	99
64) Tetrachloroethene	9.34	164	72004	20.580	ug/l	98
65) Chlorobenzene	10.13	112	202867	21.260	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	72809	21.884	ug/l	98
67) Ethyl Benzene	10.25	91	365317	21.725	ug/l	98
68) m/p-Xylenes	10.36	106	266840	43.199	ug/l	93
69) o-Xylene	10.69	106	131510	21.910	ug/l	96
70) Styrene	10.71	104	212263	21.760	ug/l	95
71) Bromoform	10.85	173	60127	22.253	ug/l	99
73) Isopropylbenzene	11.02	105	354742	21.488	ug/l	99
74) N-amyl acetate	10.90	43	177095	20.475	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	126133	21.307	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	145585	27.947	ug/l	90
77) Bromobenzene	11.26	156	83870	21.012	ug/l	87
78) n-propylbenzene	11.36	91	412324	21.504	ug/l	96
79) 2-Chlorotoluene	11.42	91	245733	21.352	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	293914	21.550	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	37565	19.292	ug/l	90
82) 4-Chlorotoluene	11.51	91	282525	21.096	ug/l	95
83) tert-Butylbenzene	11.77	119	284992	21.886	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	297935	21.548	ug/l	99
85) sec-Butylbenzene	11.94	105	357280	22.156	ug/l	97
86) p-Isopropyltoluene	12.06	119	307610	22.038	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	152039	21.314	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	151131	20.482	ug/l	97
89) n-Butylbenzene	12.38	91	282800	21.586	ug/l	97
90) Hexachloroethane	12.60	117	55420	23.313	ug/l	84
91) 1,2-Dichlorobenzene	12.39	146	149678	20.810	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	26615	20.242	ug/l	81

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Quant Title : SW846 8260
QLast Update : Tue Mar 19 13:15:13 2019
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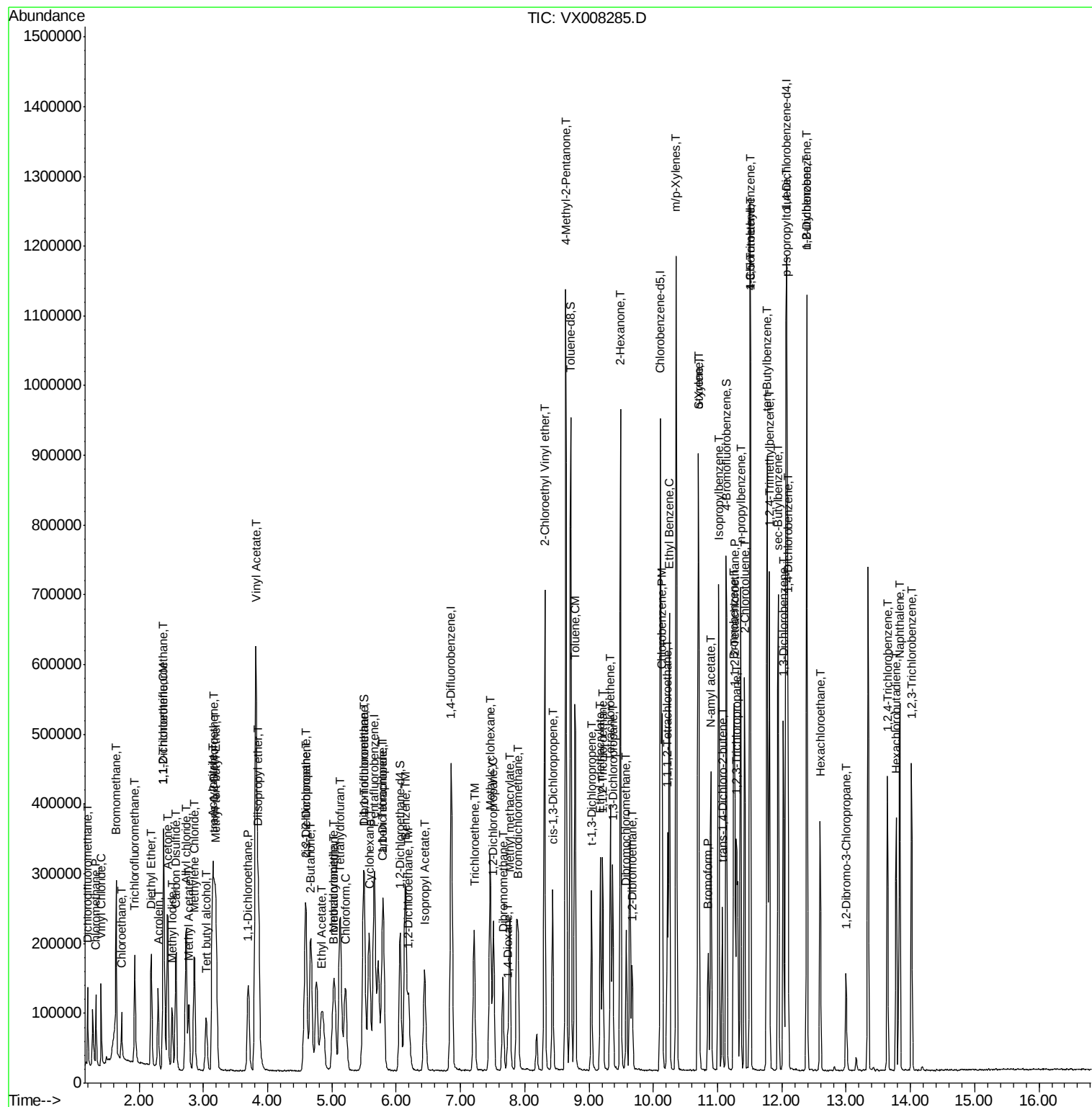
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	99996	21.107	ug/l	99
94) Hexachlorobutadiene	13.78	225	51841	22.436	ug/l	99
95) Naphthalene	13.83	128	318991	21.333	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	99275	21.296	ug/l	97

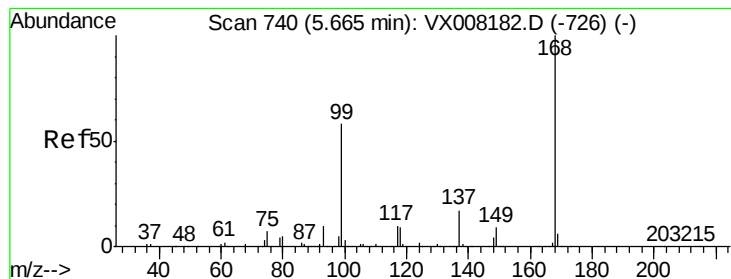
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX008285.D

Acq: 21 Mar 2019 12:53

Instrument :

MSVOA_X

ClientSampled :

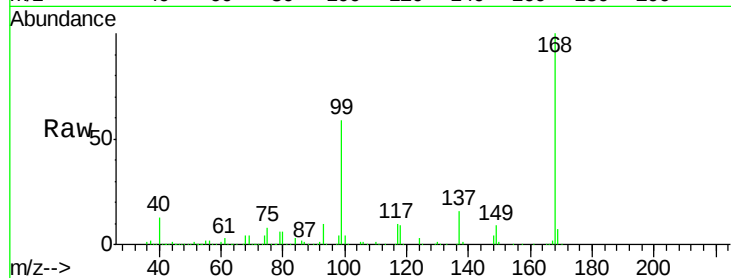
VX0321WBS01

Tot Ion:168 Resp: 272650

Ion Ratio Lower Upper

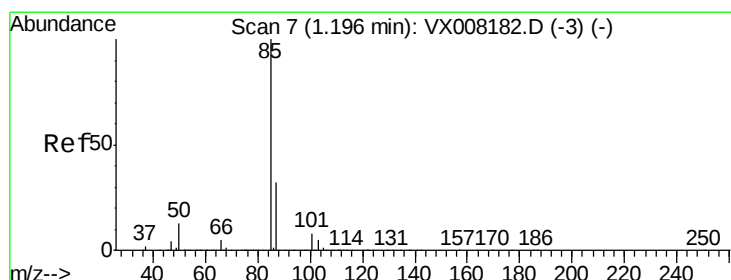
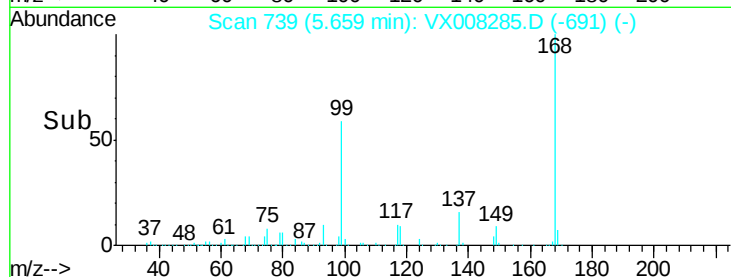
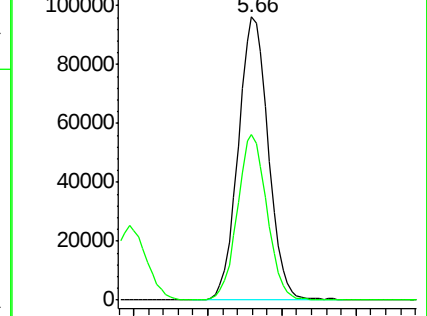
168 100

99 58.4 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 20.797 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX008285.D

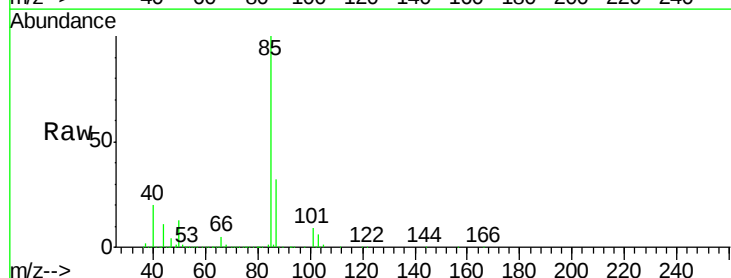
Acq: 21 Mar 2019 12:53

Tgt Ion: 85 Resp: 68748

Ion Ratio Lower Upper

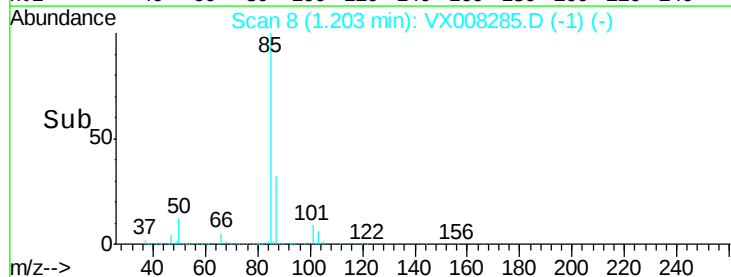
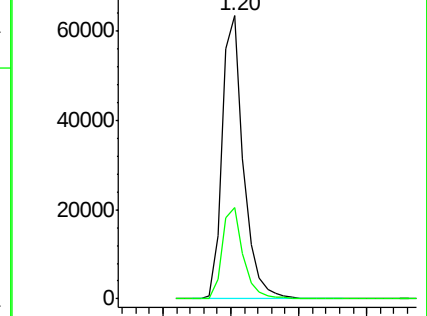
85 100

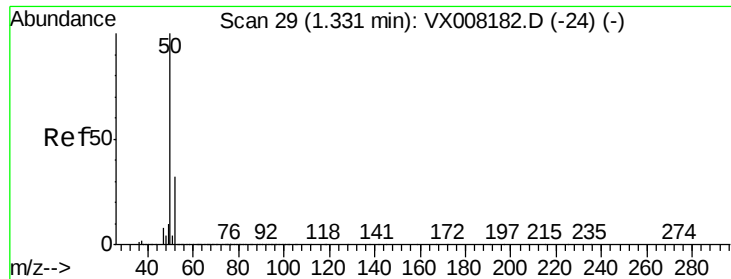
87 32.2 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 16.237 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX008285.D

Acq: 21 Mar 2019 12:53

Instrument :

MSVOA_X

ClientSampleId :

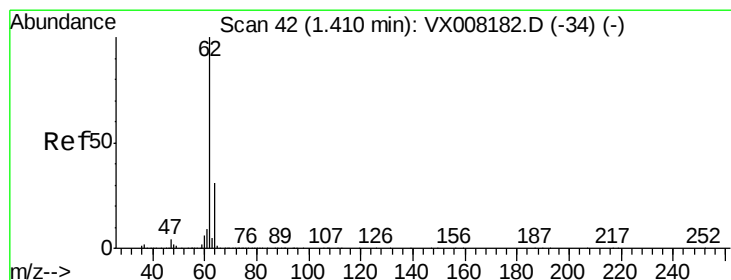
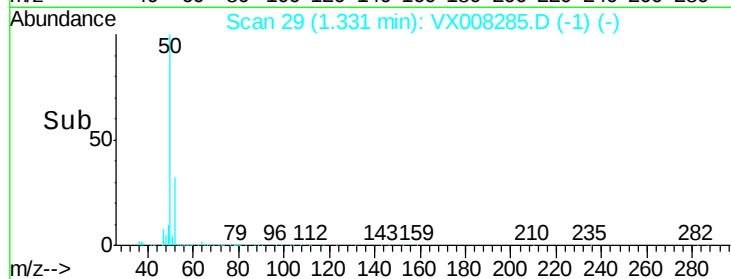
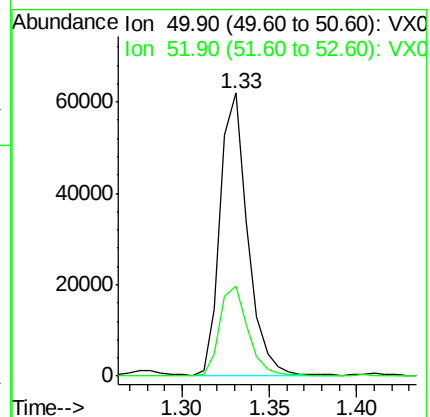
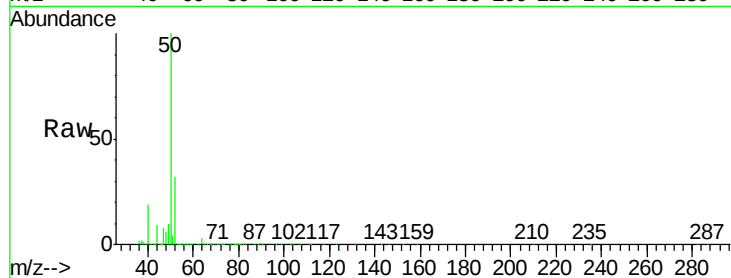
VX0321WBS01

Tot Ion: 50 Resp: 67350

Ion Ratio Lower Upper

50 100

52 31.6 26.5 39.7



#4

Vinyl Chloride

Concen: 17.600 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008285.D

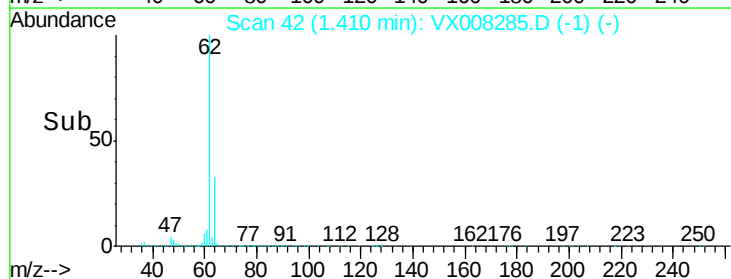
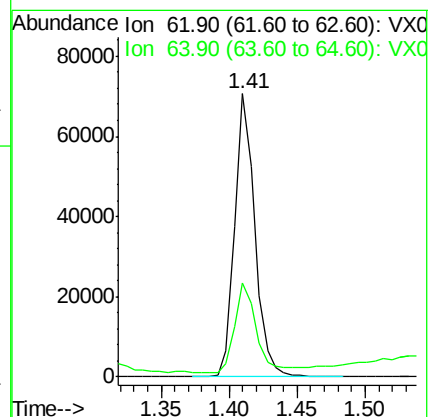
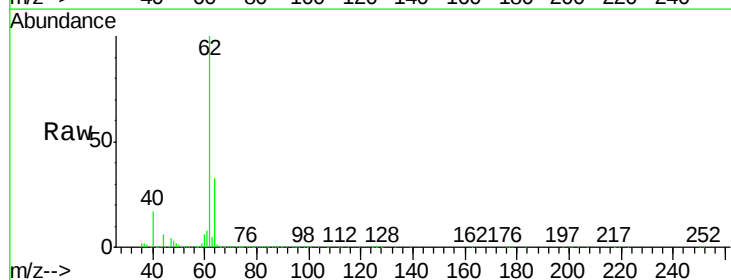
Acq: 21 Mar 2019 12:53

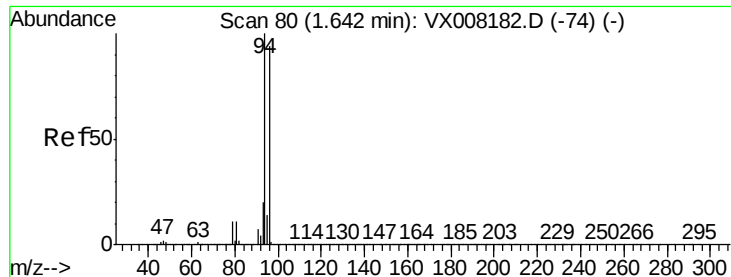
Tgt Ion: 62 Resp: 72788

Ion Ratio Lower Upper

62 100

64 32.1 25.3 37.9





#5

Bromomethane

Concen: 17.976 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX008285.D

Acq: 21 Mar 2019 12:53

Instrument :

MSVOA_X

ClientSampleId :

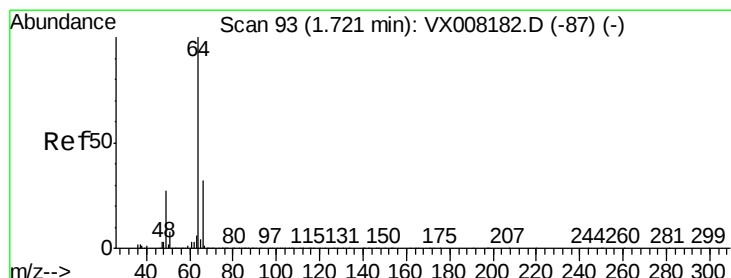
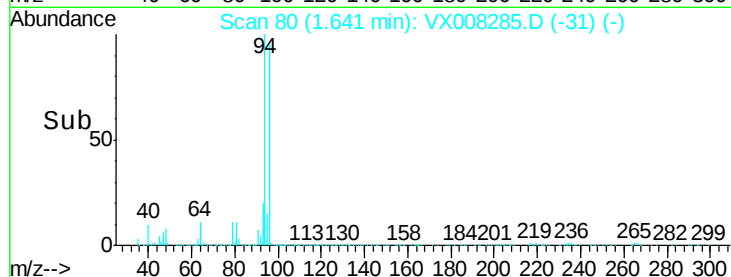
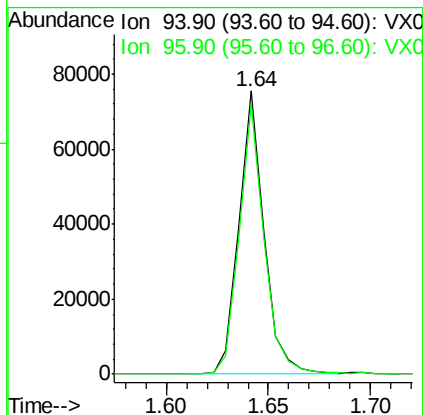
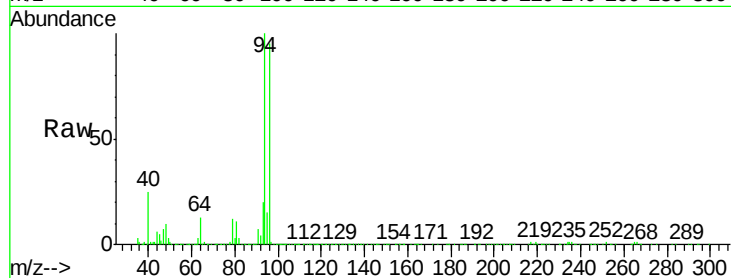
VX0321WBS01

Tot Ion: 94 Resp: 63325

Ion Ratio Lower Upper

94 100

96 95.5 75.5 113.3



#6

Chloroethane

Concen: 19.830 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX008285.D

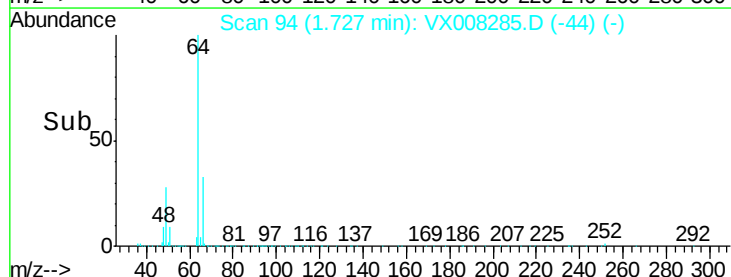
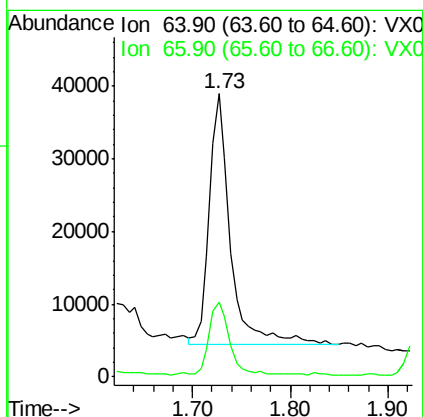
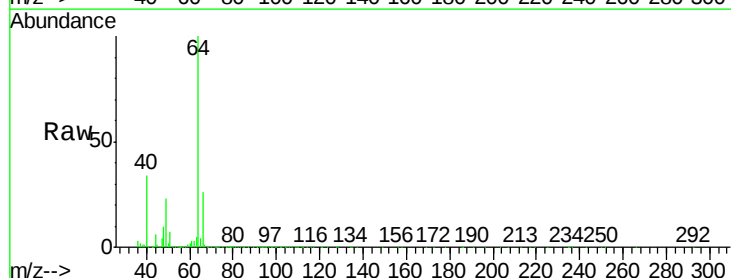
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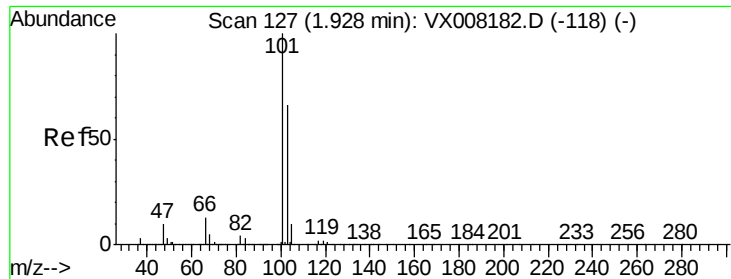
Tgt Ion: 64 Resp: 51420

Ion Ratio Lower Upper

64 100

66 29.2 25.2 37.8



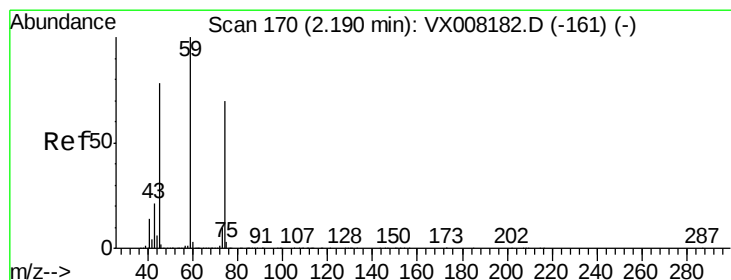
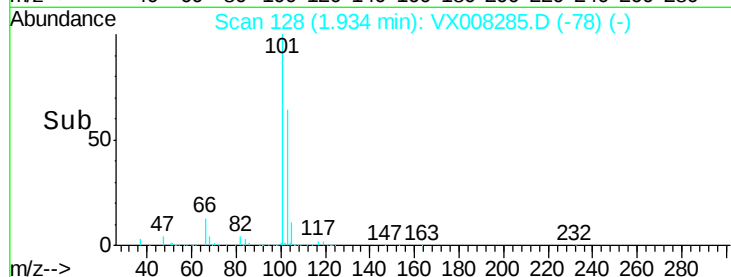
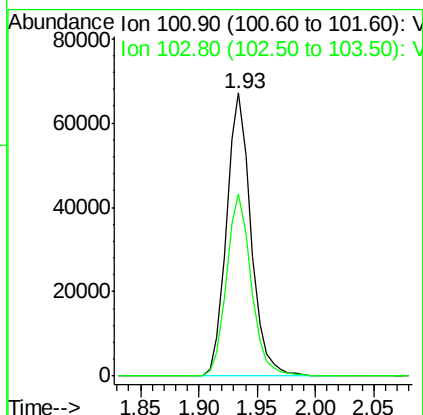
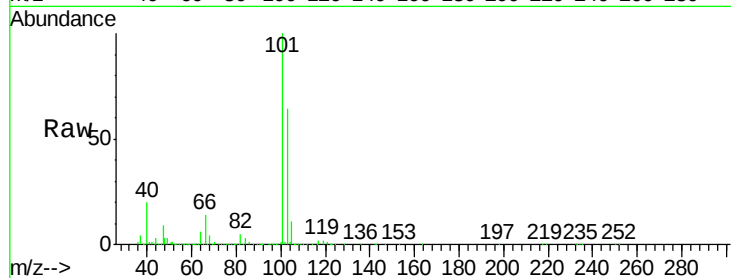


#7

Trichlorofluoromethane
 Concen: 18.555 ug/l
 RT: 1.93 min Scan# 128
 Delta R.T. 0.01 min
 Lab File: VX008285.D
 Acq: 21 Mar 2019 12:53

Instrument :
 MSVOA_X
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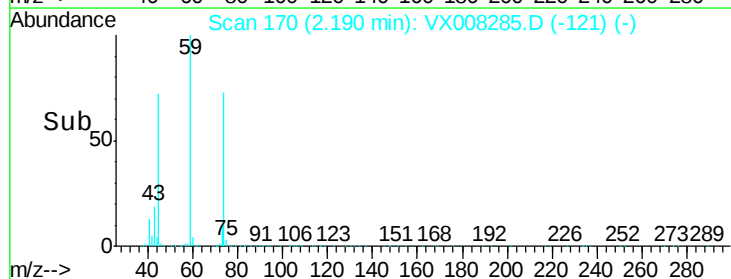
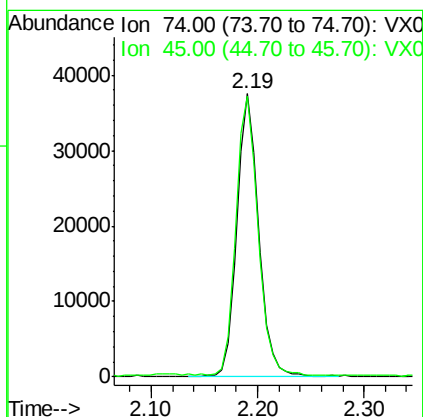
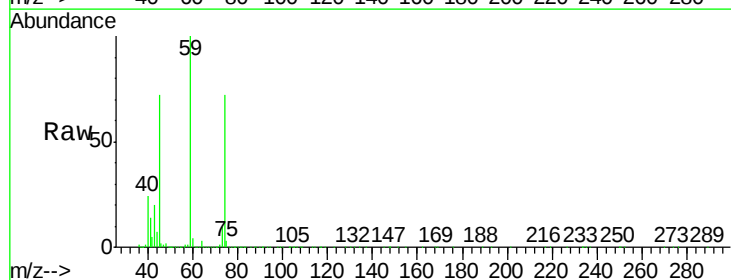
Tot Ion:101 Resp: 97928
 Ion Ratio Lower Upper
 101 100
 103 64.2 50.4 75.6

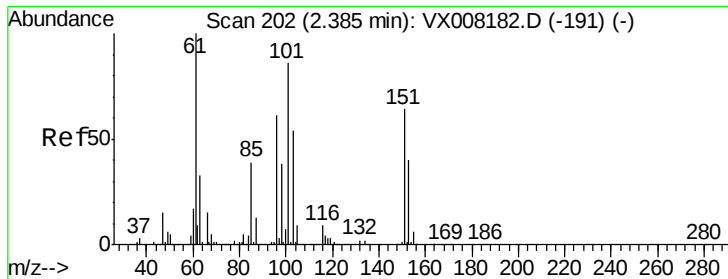


#8

Diethyl Ether
 Concen: 19.942 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX008285.D
 Acq: 21 Mar 2019 12:53

Tgt Ion: 74 Resp: 54150
 Ion Ratio Lower Upper
 74 100
 45 100.4 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.737 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX008285.D

Acq: 21 Mar 2019 12:53

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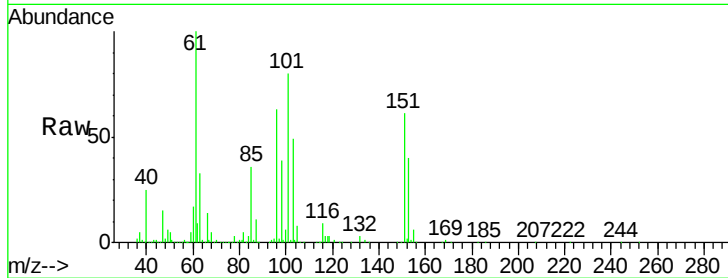
Tot Ion:101 Resp: 72666

Ion Ratio Lower Upper

101 100

85 46.0 33.8 50.6

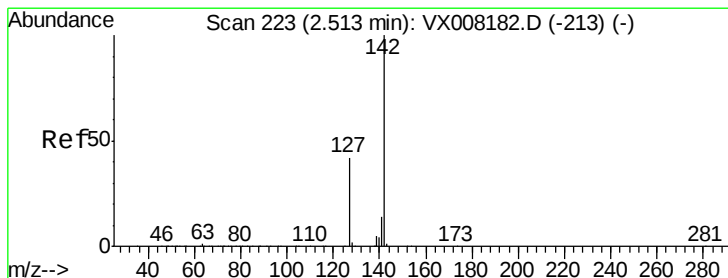
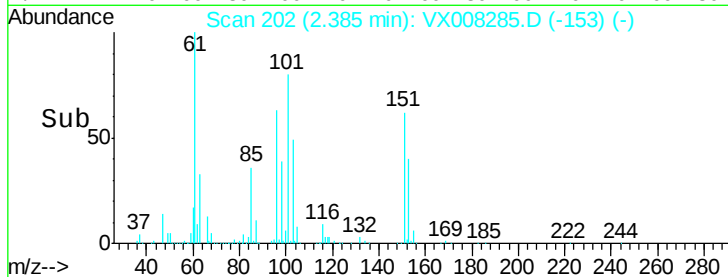
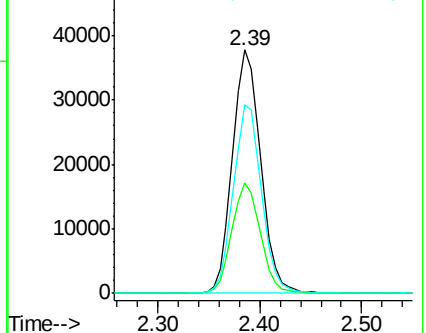
151 77.0 69.1 103.7



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: 20.175 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX008285.D

Acq: 21 Mar 2019 12:53

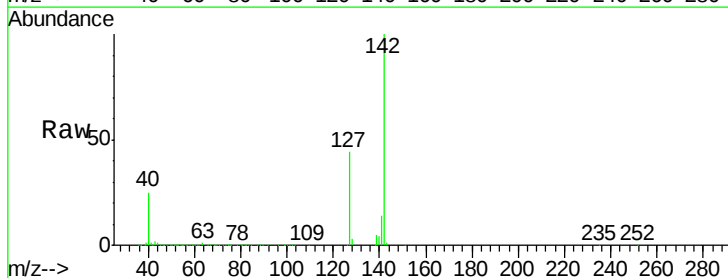
Tgt Ion:142 Resp: 90018

Ion Ratio Lower Upper

142 100

127 44.2 32.1 48.1

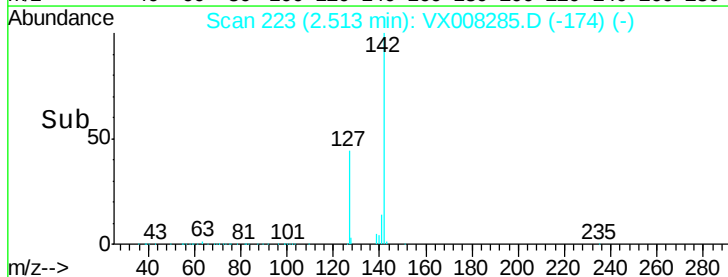
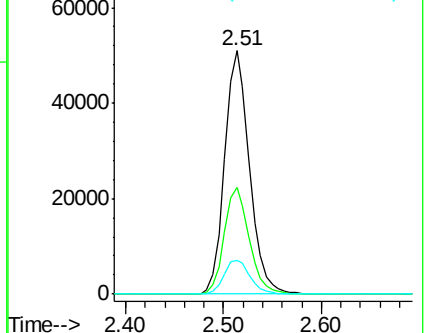
141 14.7 11.4 17.2

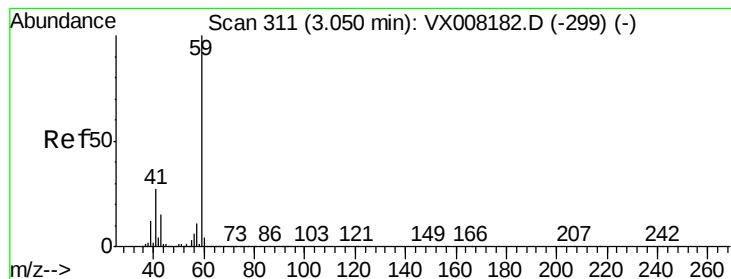


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



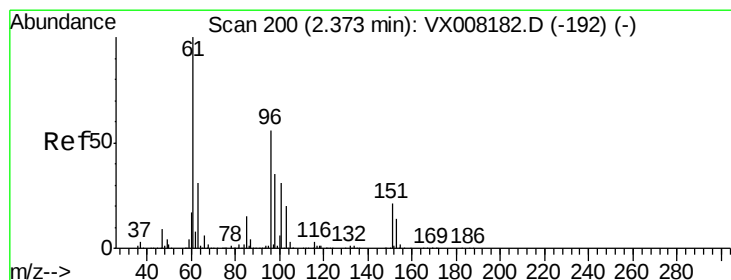
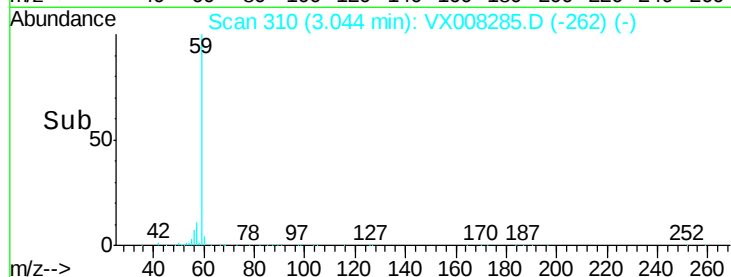
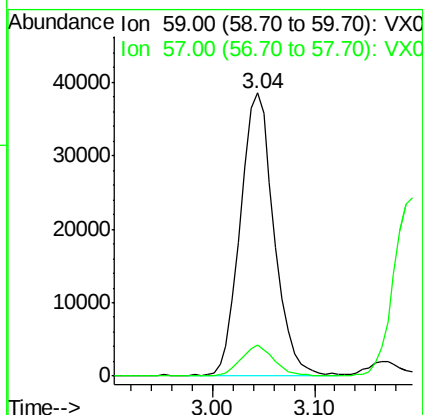
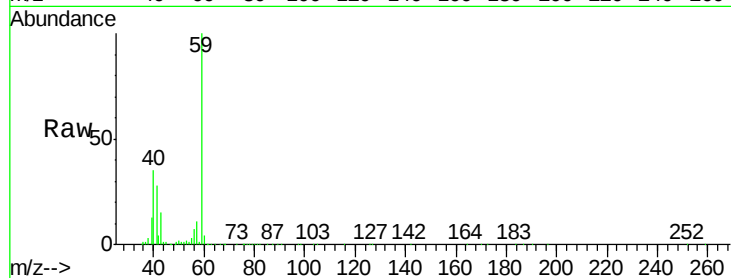


#11

Tert butyl alcohol
 Concen: 100.309 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. -0.01 min
 Lab File: VX008285.D
 Acq: 21 Mar 2019 12:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBS01

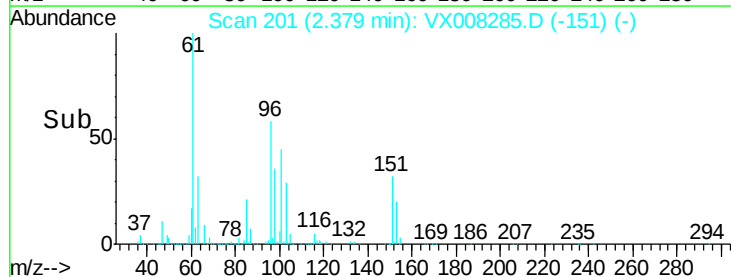
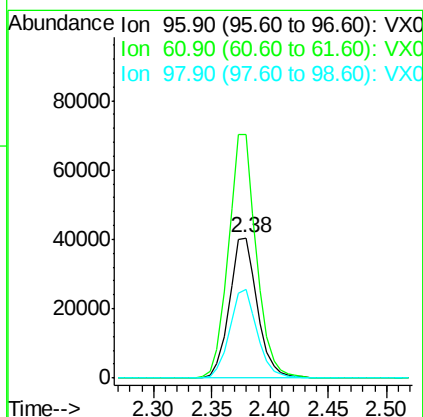
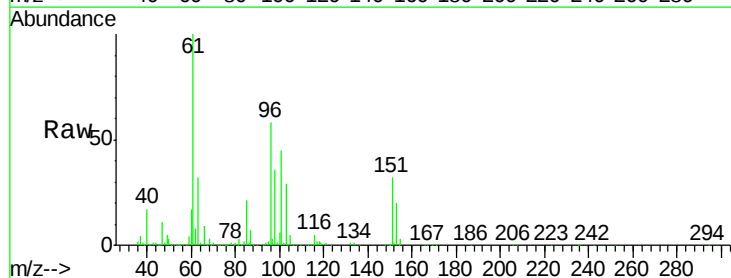
Tot Ion: 59 Resp: 88178
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.2 12.2

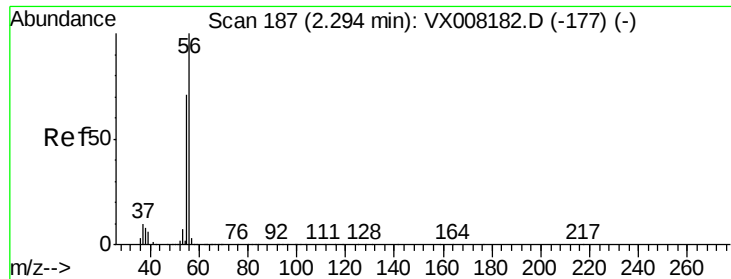


#12

1,1-Dichloroethene
 Concen: 20.412 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.01 min
 Lab File: VX008285.D
 Acq: 21 Mar 2019 12:53

Tgt Ion: 96 Resp: 67527
 Ion Ratio Lower Upper
 96 100
 61 173.2 129.8 194.6
 98 62.9 51.0 76.6

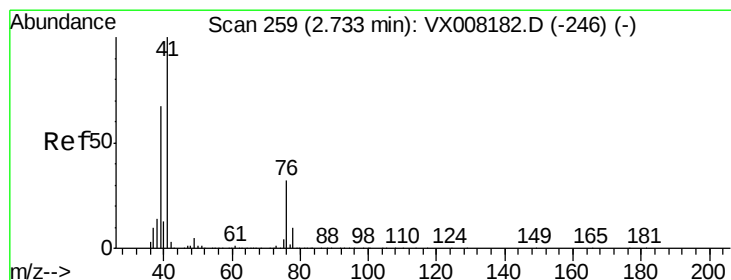
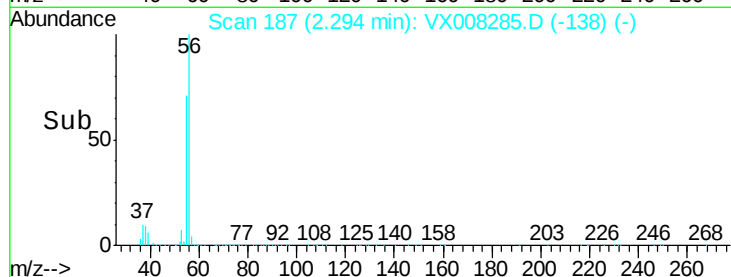
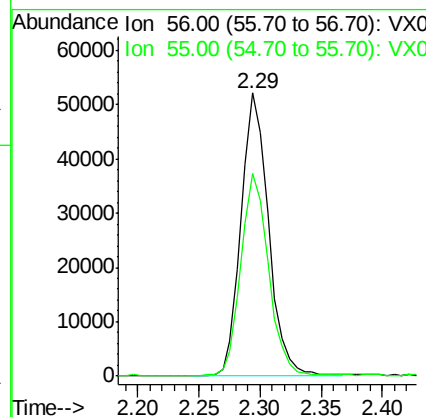
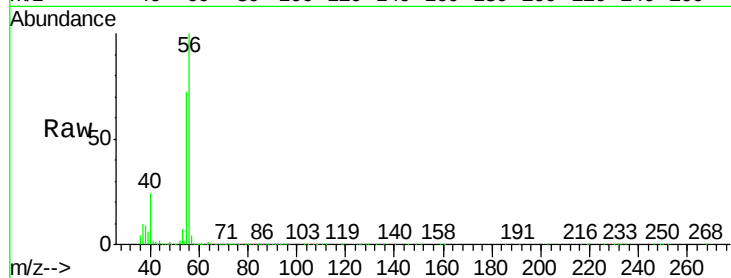




#13
Acrolein
Concen: 126.520 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX008285.D
Acq: 21 Mar 2019 12:53

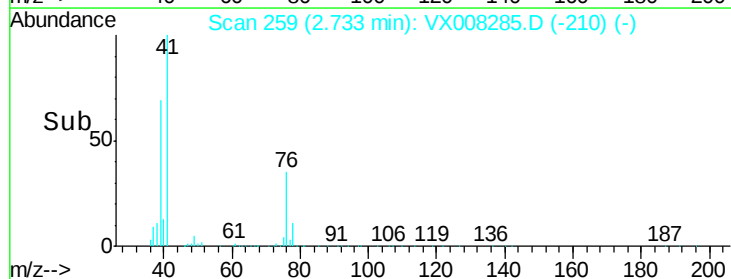
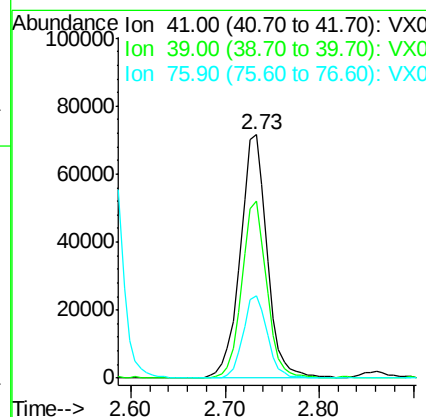
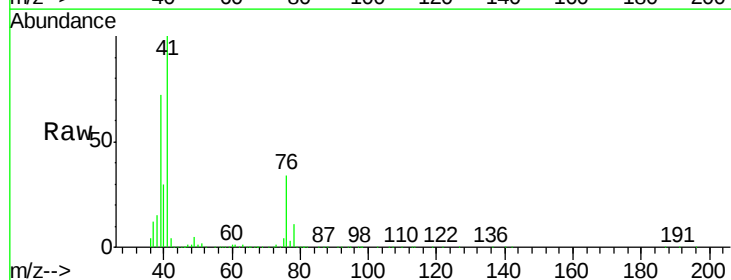
Instrument :
MSVOA_X
ClientSampleId :
VX0321WBS01

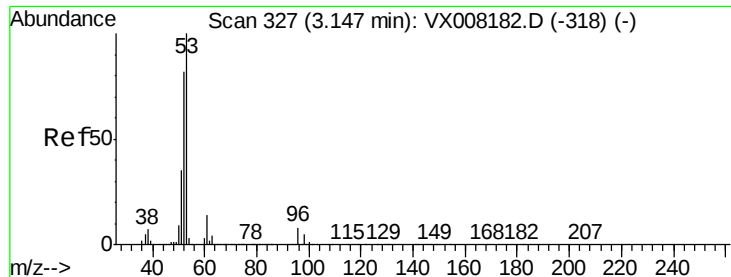
Tot Ion: 56 Resp: 81506
Ion Ratio Lower Upper
56 100
55 71.2 57.8 86.6



#14
Allyl chloride
Concen: 19.722 ug/l
RT: 2.73 min Scan# 259
Delta R.T. -0.00 min
Lab File: VX008285.D
Acq: 21 Mar 2019 12:53

Tgt Ion: 41 Resp: 142025
Ion Ratio Lower Upper
41 100
39 66.7 46.1 69.1
76 30.5 24.0 36.0





#15

Acrylonitrile

Concen: 98.123 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX008285.D

Acq: 21 Mar 2019 12:53

Instrument :

MSVOA_X

ClientSampleId :

VX0321WBS01

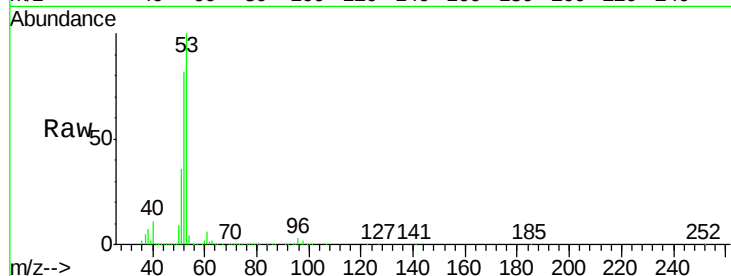
Tot Ion: 53 Resp: 228150

Ion Ratio Lower Upper

53 100

52 83.0 66.0 99.0

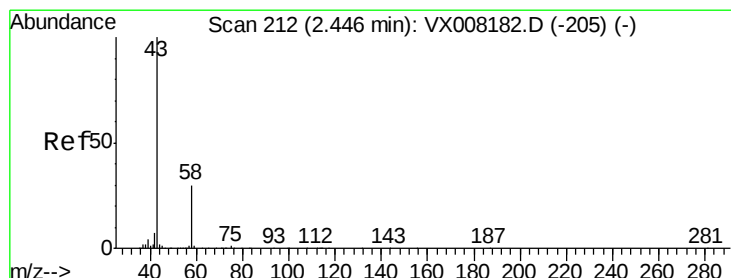
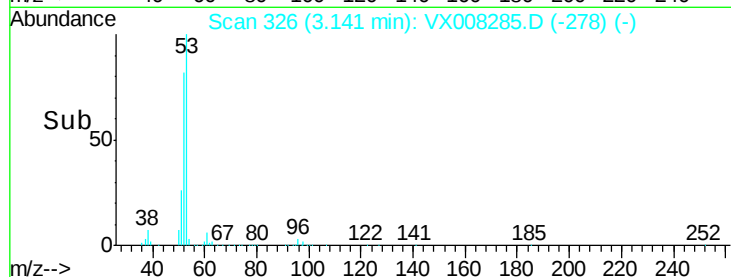
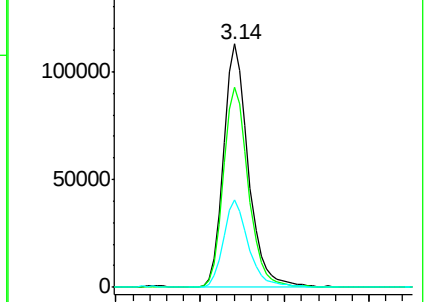
51 36.5 28.0 42.0



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: 103.893 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX008285.D

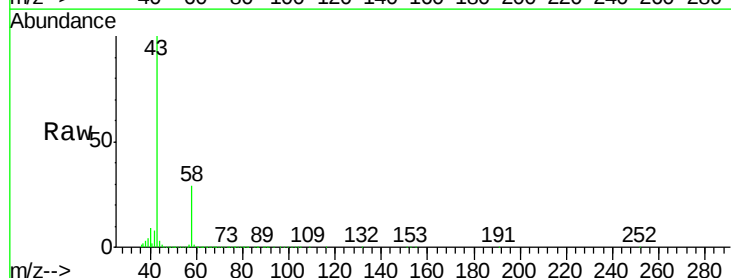
Acq: 21 Mar 2019 12:53

Tgt Ion: 43 Resp: 241964

Ion Ratio Lower Upper

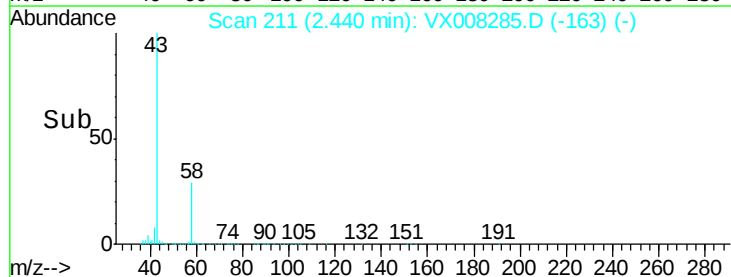
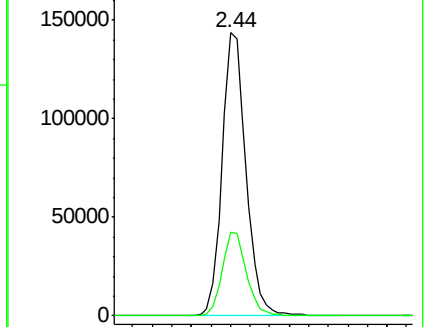
43 100

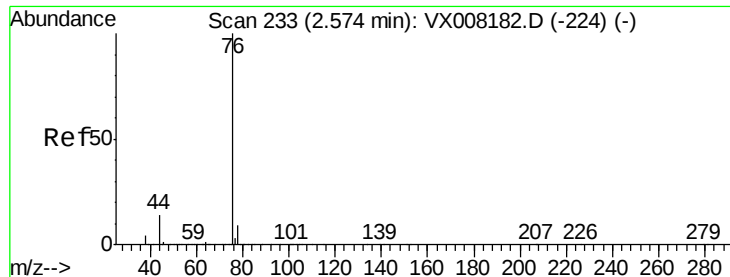
58 29.3 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

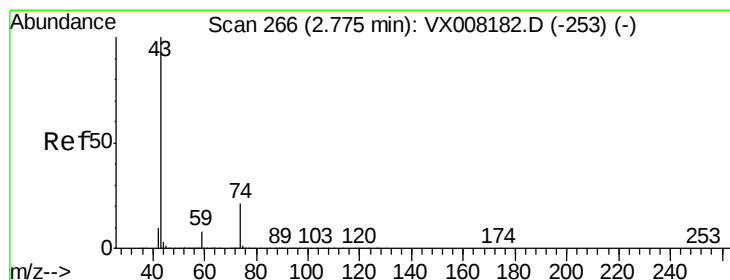
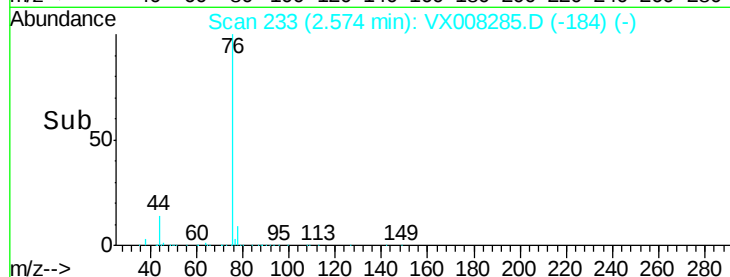
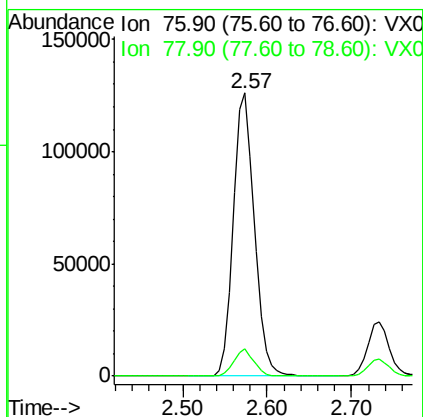
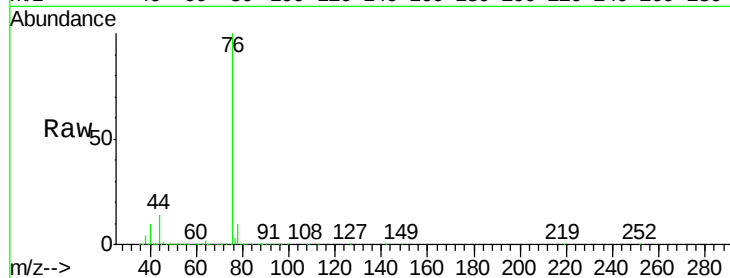




#17
Carbon Disulfide
Concen: 20.165 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.00 min
Lab File: VX008285.D
Acq: 21 Mar 2019 12:53

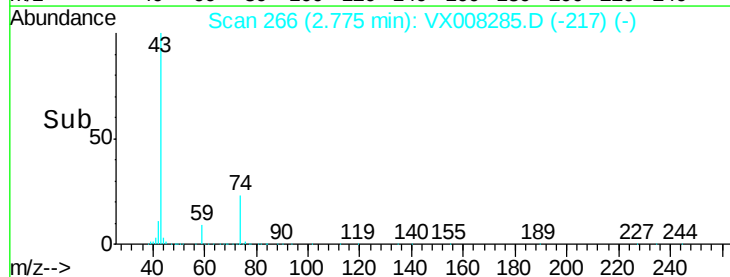
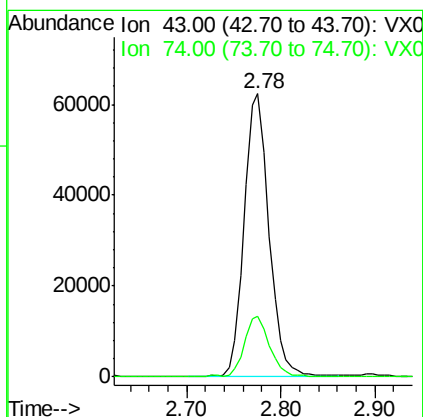
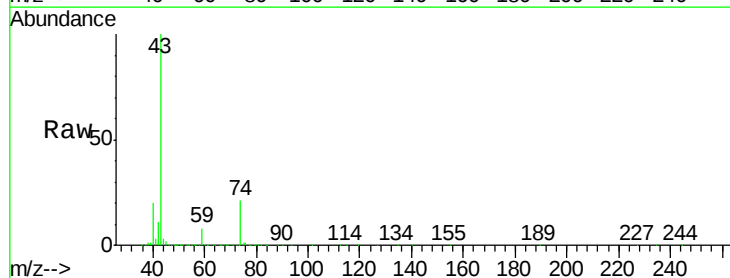
Instrument :
MSVOA_X
ClientSampleId :
VX0321WBS01

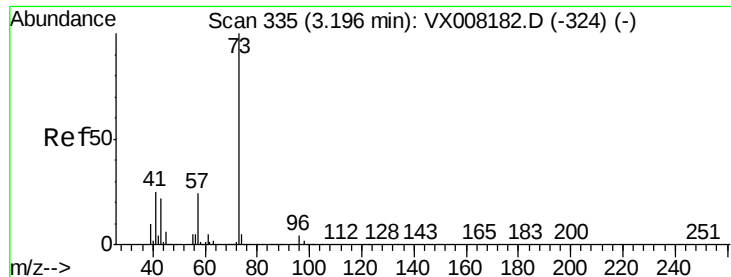
Tot Ion: 76 Resp: 213346
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8



#18
Methyl Acetate
Concen: 21.135 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX008285.D
Acq: 21 Mar 2019 12:53

Tgt Ion: 43 Resp: 113954
Ion Ratio Lower Upper
43 100
74 22.2 17.8 26.6





#19

Methyl tert-butyl Ether

Concen: 20.432 ug/l

RT: 3.20 min Scan# 335

Delta R.T. -0.00 min

Lab File: VX008285.D

Acq: 21 Mar 2019 12:53

Instrument :

MSVOA_X

ClientSampleId :

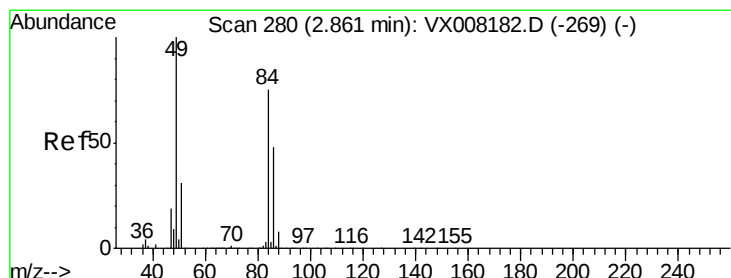
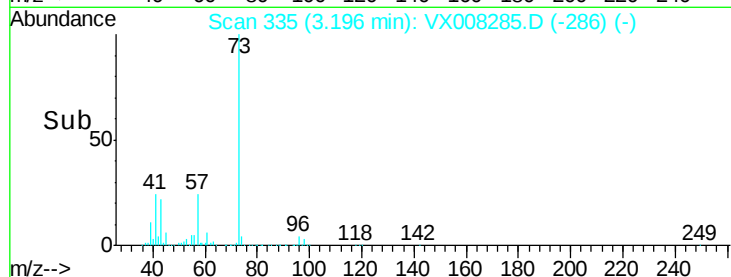
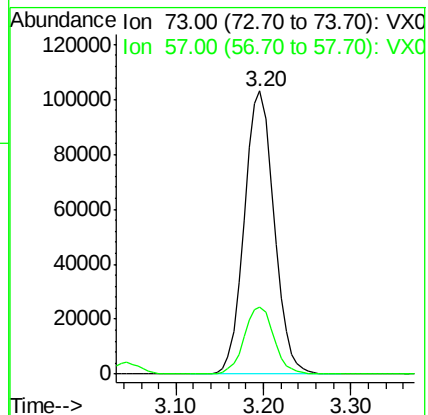
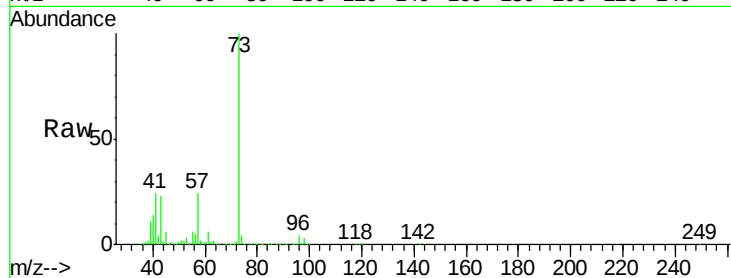
VX0321WBS01

Tot Ion: 73 Resp: 244403

Ion Ratio Lower Upper

73 100

57 23.5 18.2 27.4



#20

Methylene Chloride

Concen: 19.577 ug/l

RT: 2.86 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX008285.D

Acq: 21 Mar 2019 12:53

Tgt Ion: 84 Resp: 76031

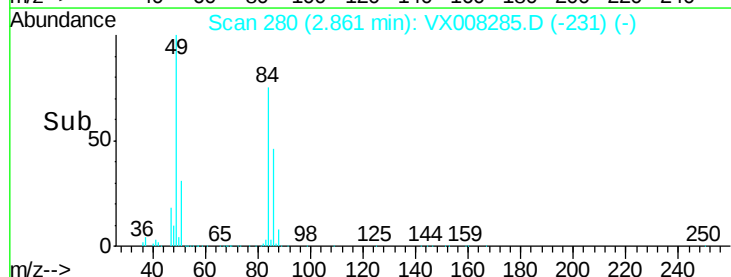
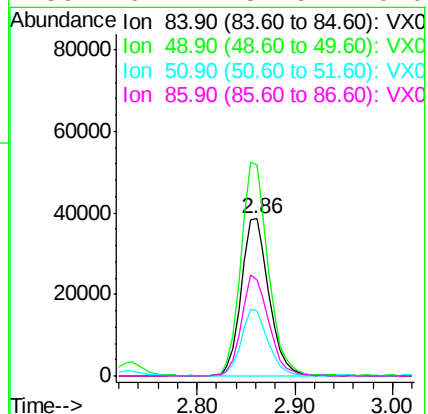
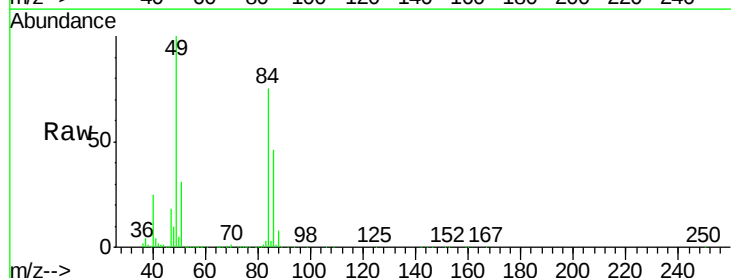
Ion Ratio Lower Upper

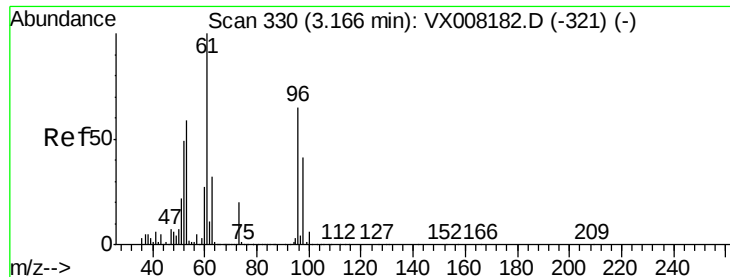
84 100

49 133.8 99.3 148.9

51 41.3 31.3 46.9

86 61.2 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 19.632 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008285.D

Acq: 21 Mar 2019 12:53

Instrument :

MSVOA_X

ClientSampleId :

VX0321WBS01

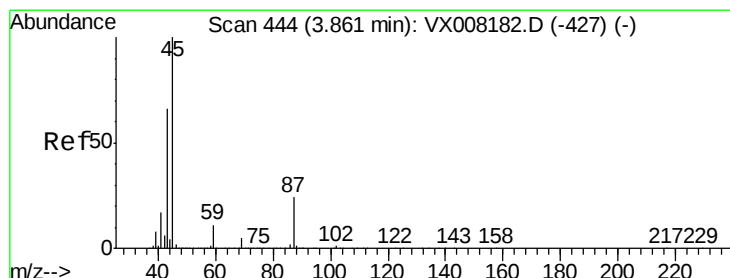
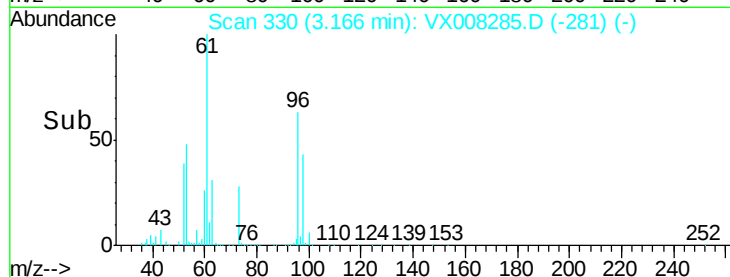
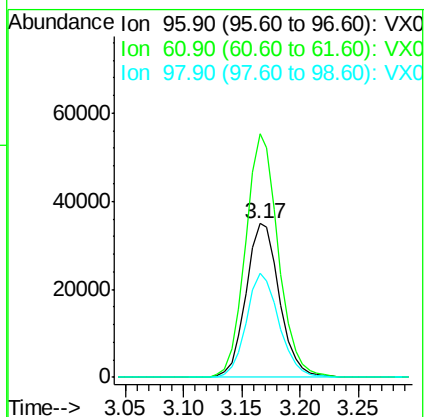
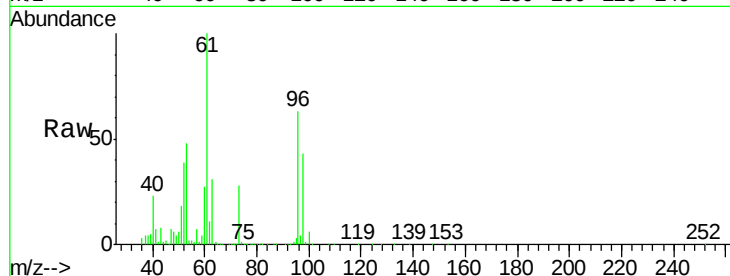
Tot Ion: 96 Resp: 70162

Ion Ratio Lower Upper

96 100

61 157.8 114.4 171.6

98 67.3 51.1 76.7



#22

Diisopropyl ether

Concen: 20.228 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.01 min

Lab File: VX008285.D

Acq: 21 Mar 2019 12:53

Tgt Ion: 45 Resp: 285302

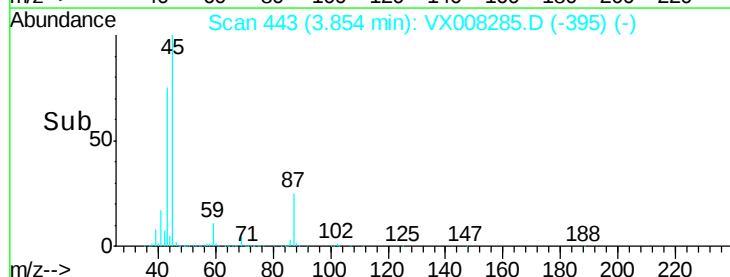
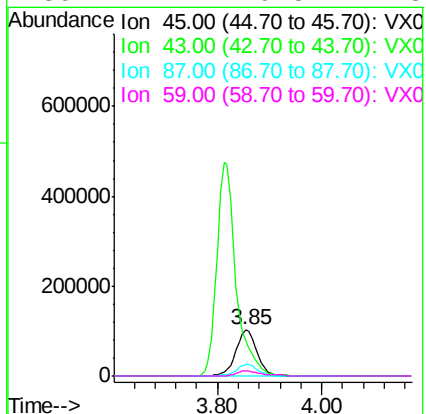
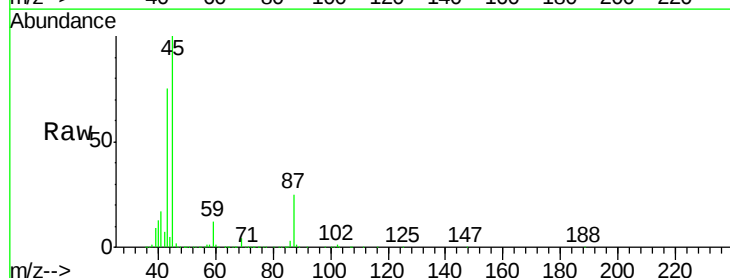
Ion Ratio Lower Upper

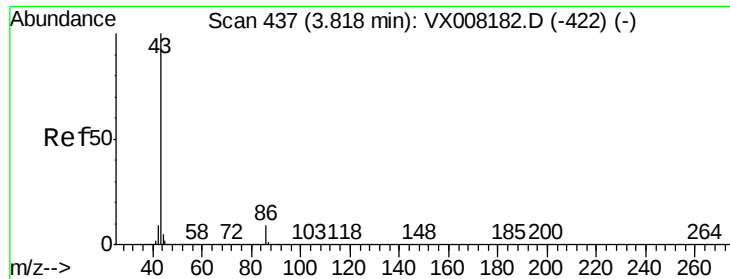
45 100

43 75.0 45.3 67.9#

87 25.2 21.4 32.0

59 11.4 9.5 14.3





#23

Vinyl Acetate

Concen: 101.835 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX008285.D

Acq: 21 Mar 2019 12:53

Instrument :

MSVOA_X

ClientSampled :

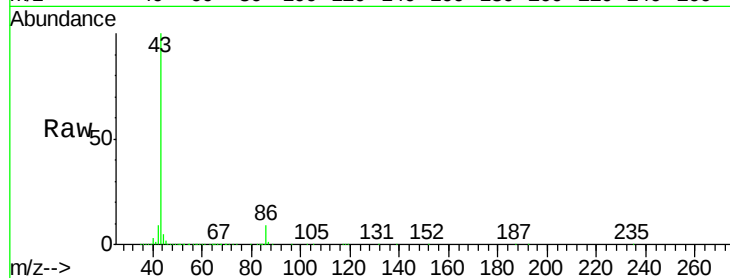
VX0321WBS01

Tot Ion: 43 Resp: 1231422

Ion Ratio Lower Upper

43 100

86 9.1 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.81

500000

400000

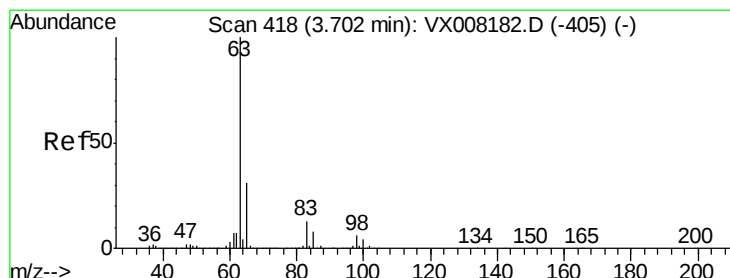
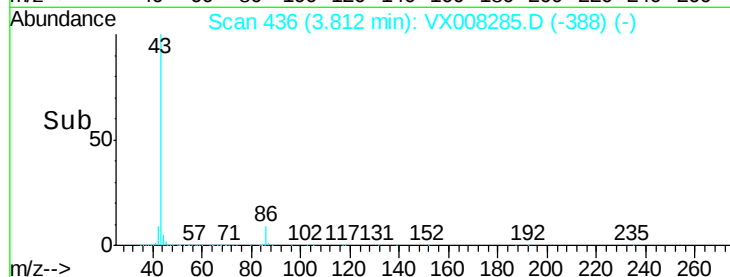
300000

200000

100000

0

Time--> 3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 20.223 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.01 min

Lab File: VX008285.D

Acq: 21 Mar 2019 12:53

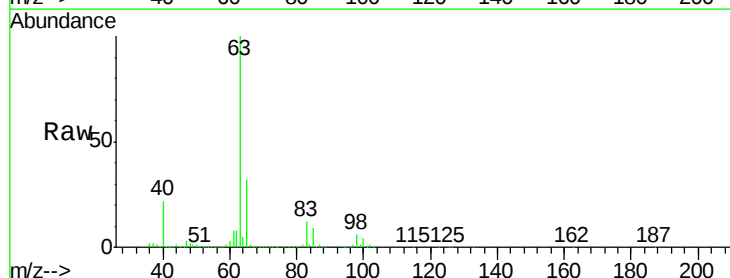
Tgt Ion: 63 Resp: 146701

Ion Ratio Lower Upper

63 100

98 6.4 3.3 9.8

100 4.5 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

80000

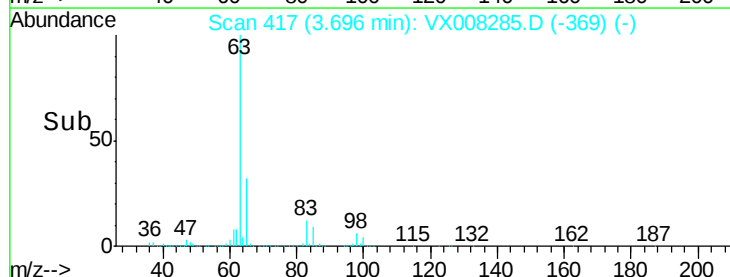
60000

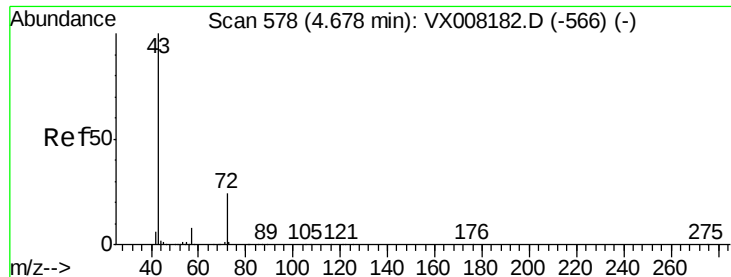
40000

20000

0

Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 101.076 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX008285.D

Acq: 21 Mar 2019 12:53

Instrument :

MSVOA_X

ClientSampled :

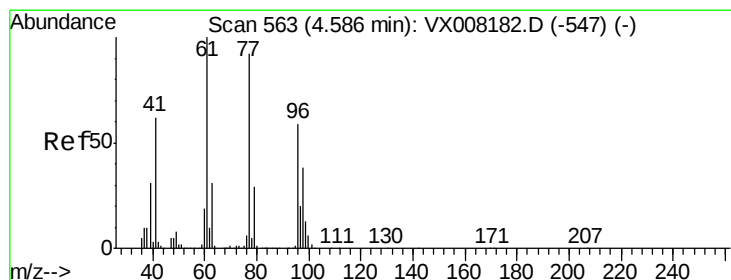
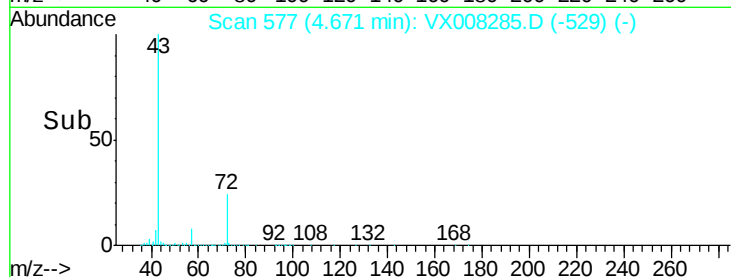
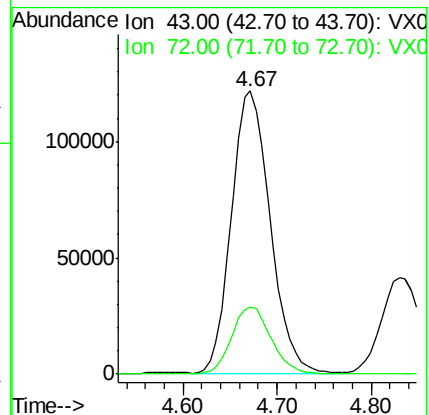
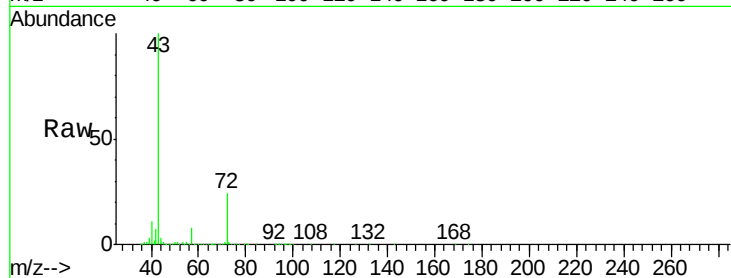
VX0321WBS01

Tot Ion: 43 Resp: 347488

Ion Ratio Lower Upper

43 100

72 23.8 19.9 29.9



#26

2,2-Dichloropropane

Concen: 19.174 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX008285.D

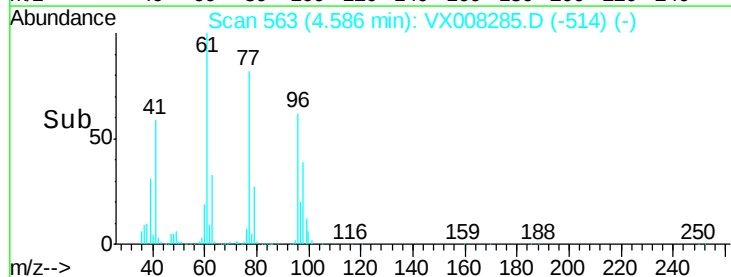
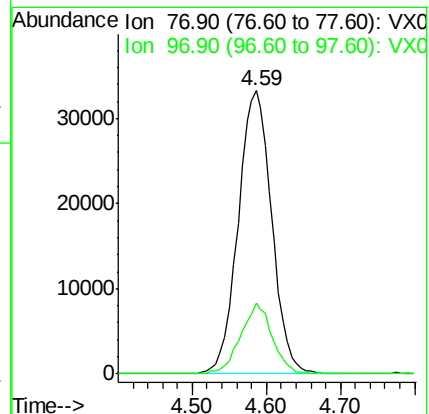
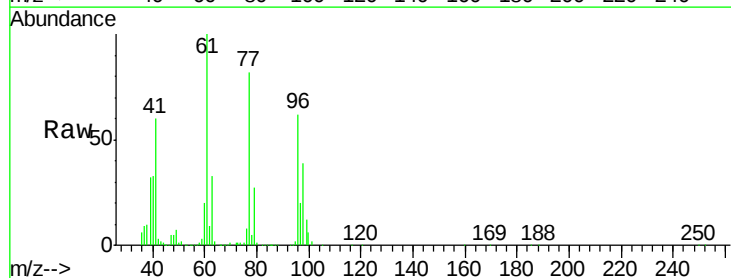
Acq: 21 Mar 2019 12:53

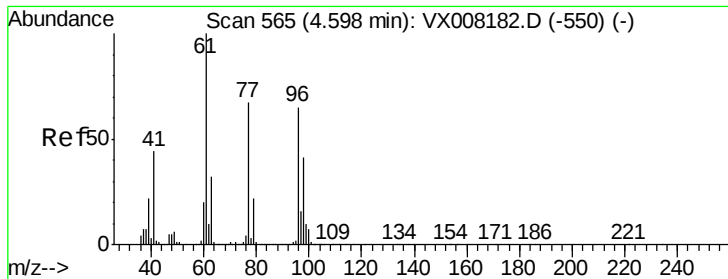
Tgt Ion: 77 Resp: 104779

Ion Ratio Lower Upper

77 100

97 23.4 12.2 36.6



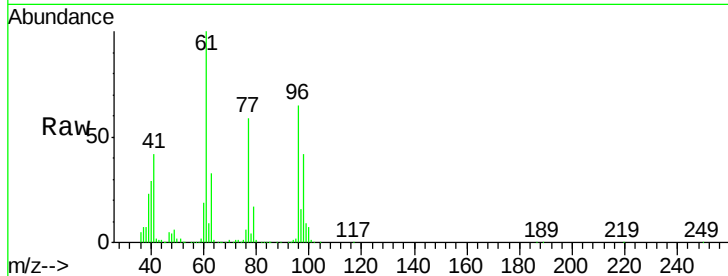


#27

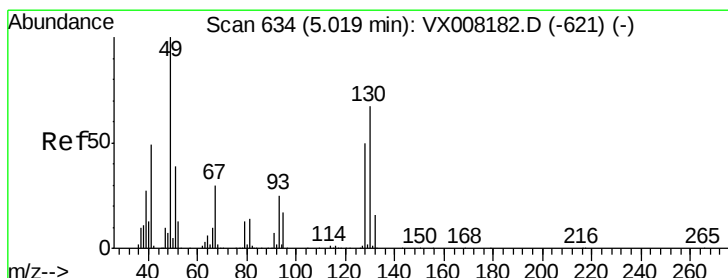
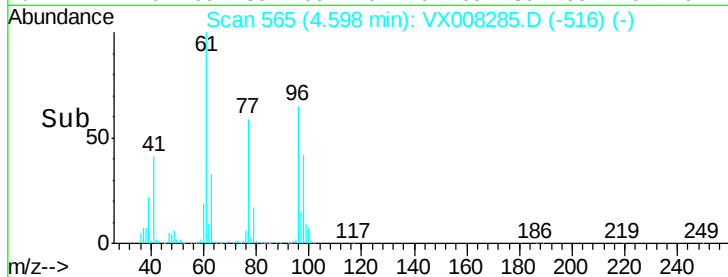
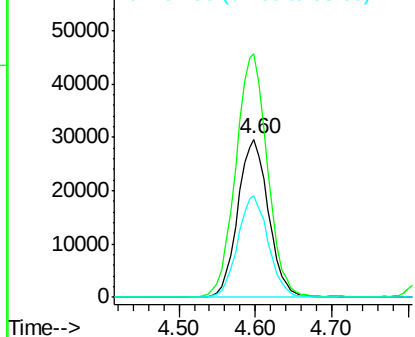
cis-1,2-Dichloroethene
Concen: 20.291 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX008285.D
Acq: 21 Mar 2019 12:53

Instrument :
MSVOA_X
ClientSampleId :
VX0321WBS01

Tot Ion: 96 Resp: 82670
Ion Ratio Lower Upper
96 100
61 158.7 0.0 288.0
98 63.9 0.0 129.0



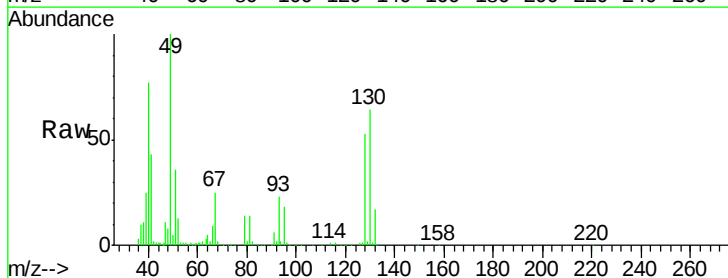
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



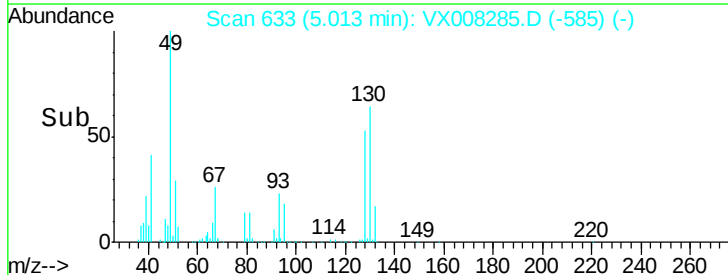
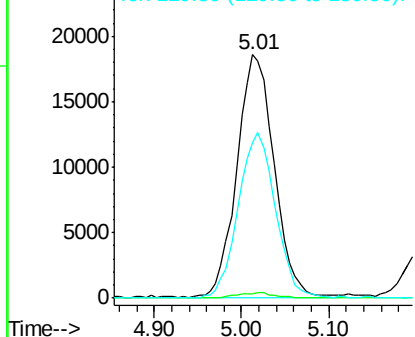
#28

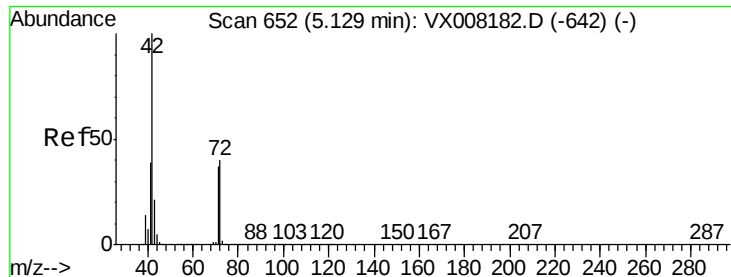
Bromochloromethane
Concen: 16.799 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX008285.D
Acq: 21 Mar 2019 12:53

Tgt Ion: 49 Resp: 54719
Ion Ratio Lower Upper
49 100
129 2.4 0.0 4.0
130 68.5 65.0 97.4



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 101.093 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX008285.D

Acq: 21 Mar 2019 12:53

Instrument :

MSVOA_X

ClientSampleId :

VX0321WBS01

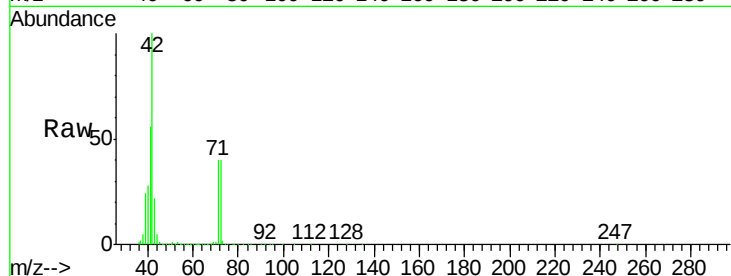
Tot Ion: 42 Resp: 217262

Ion Ratio Lower Upper

42 100

72 41.4 33.8 50.6

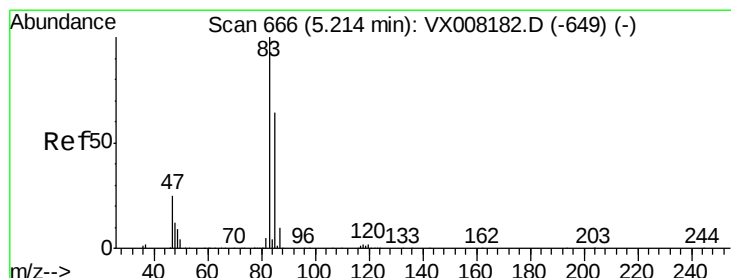
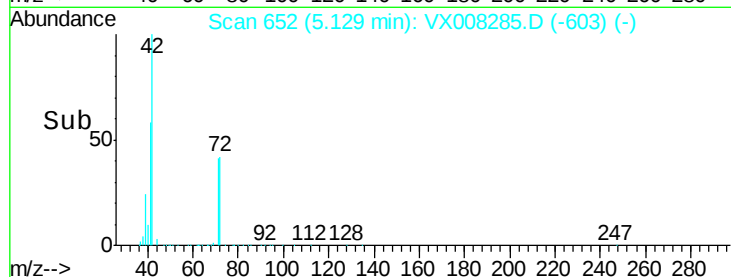
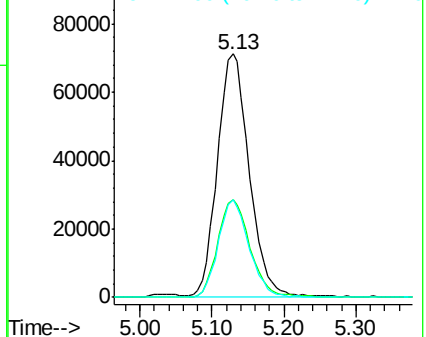
71 39.1 31.5 47.3



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: 20.757 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX008285.D

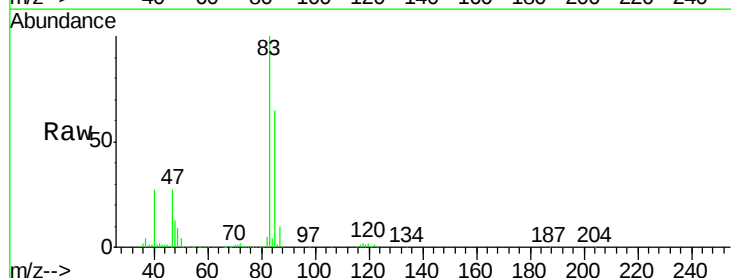
Acq: 21 Mar 2019 12:53

Tgt Ion: 83 Resp: 140852

Ion Ratio Lower Upper

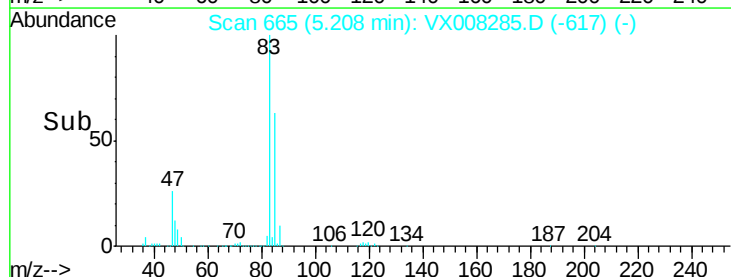
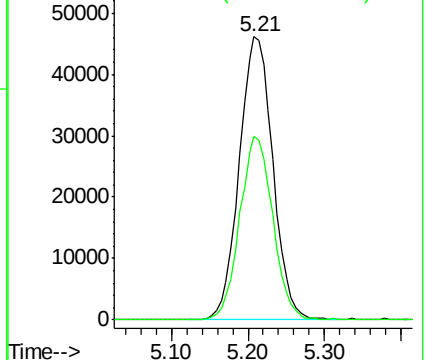
83 100

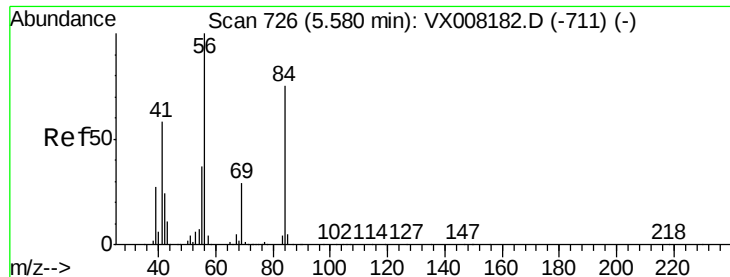
85 64.5 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 20.745 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX008285.D

Acq: 21 Mar 2019 12:53

Instrument :

MSVOA_X

ClientSampleId :

VX0321WBS01

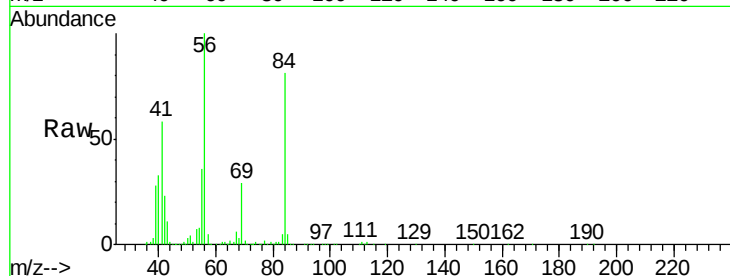
Tot Ion: 56 Resp: 141314

Ion Ratio Lower Upper

56 100

69 28.9 24.0 36.0

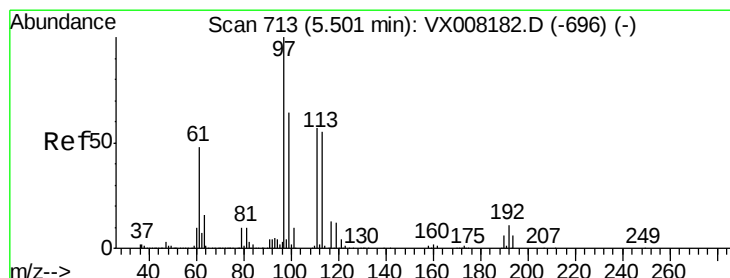
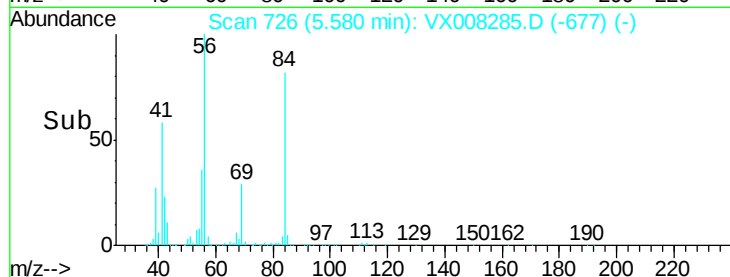
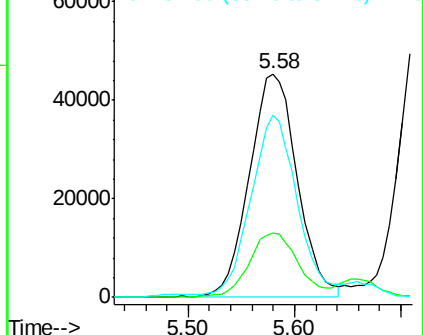
84 80.1 65.3 97.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 20.744 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX008285.D

Acq: 21 Mar 2019 12:53

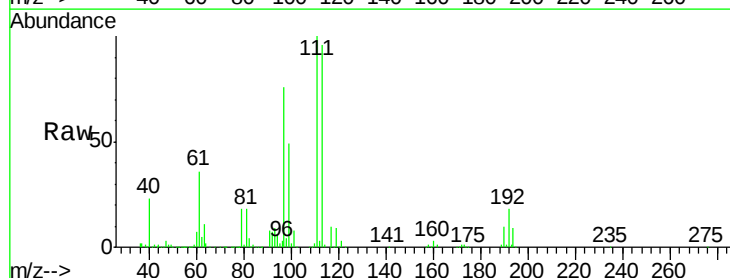
Tgt Ion: 97 Resp: 117091

Ion Ratio Lower Upper

97 100

99 65.1 52.2 78.2

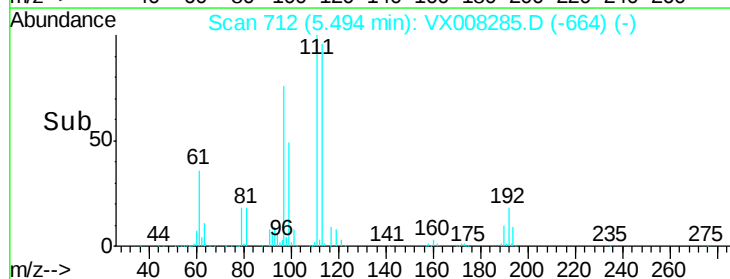
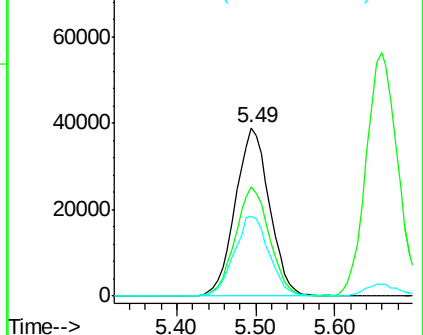
61 47.9 34.9 52.3

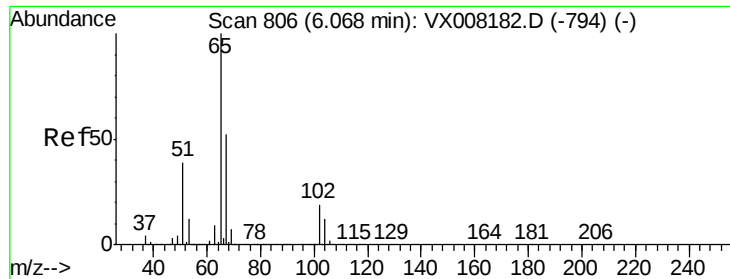


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

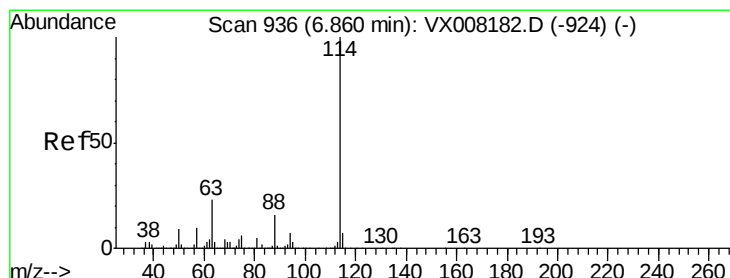
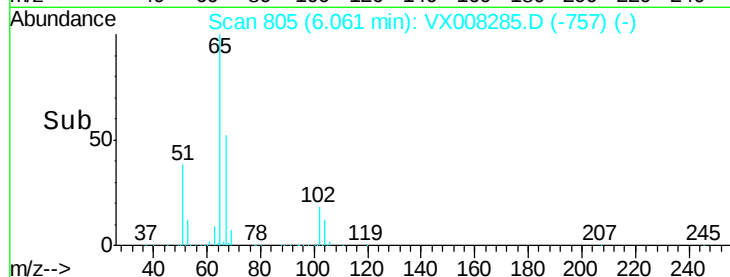
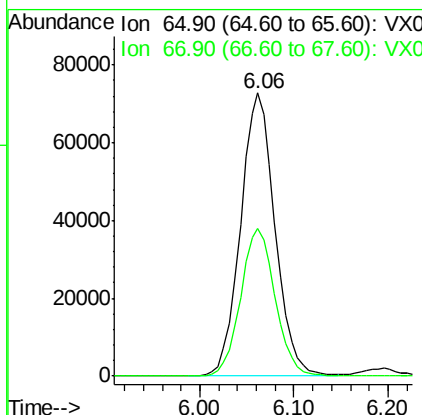
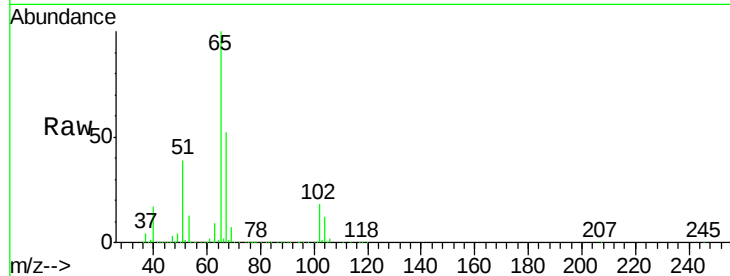




#33
 1,2-Dichloroethane-d4
 Concen: 45.099 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX008285.D
 Acq: 21 Mar 2019 12:53

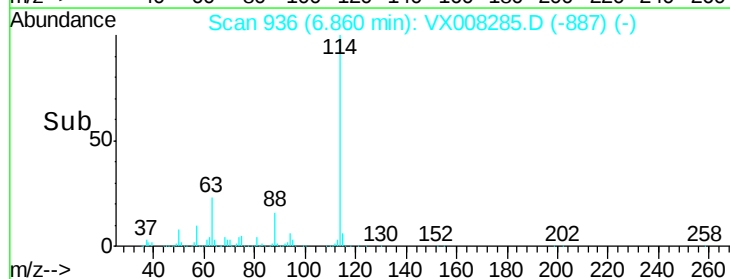
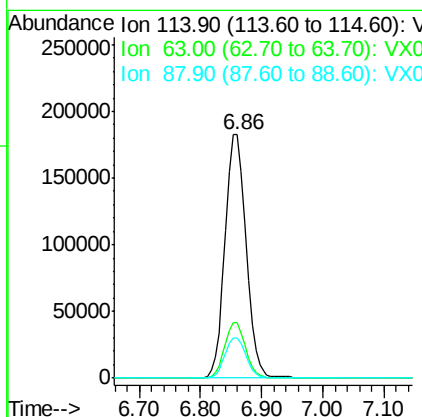
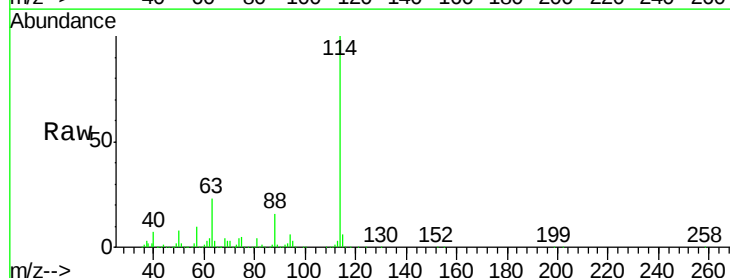
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBS01

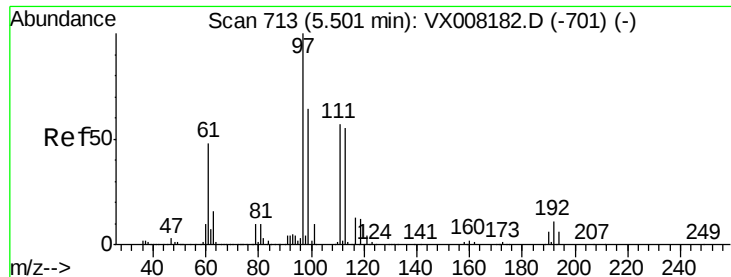
Tot Ion: 65 Resp: 185194
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 110.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008285.D
 Acq: 21 Mar 2019 12:53

Tgt Ion: 114 Resp: 435871
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 39.8
 88 16.4 0.0 31.4





#35

Dibromofluoromethane

Concen: 48.930 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008285.D

Acq: 21 Mar 2019 12:53

Instrument :

MSVOA_X

ClientSampleId :

VX0321WBS01

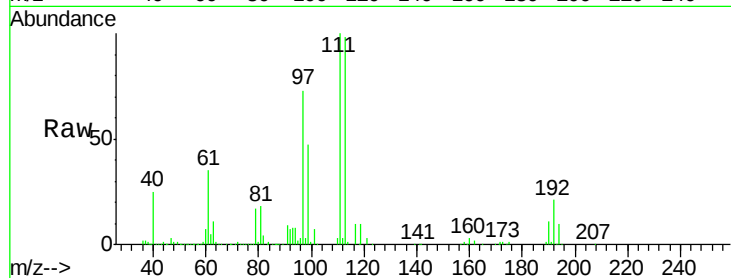
Tot Ion:113 Resp: 142772

Ion Ratio Lower Upper

113 100

111 102.7 81.4 122.0

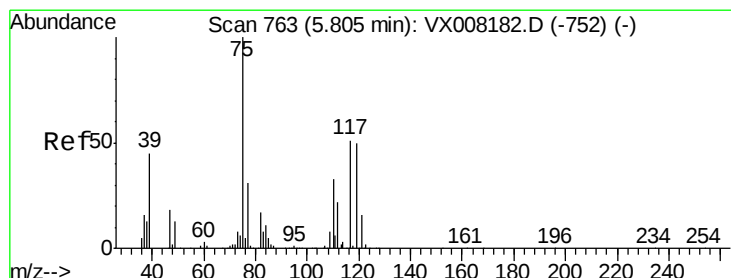
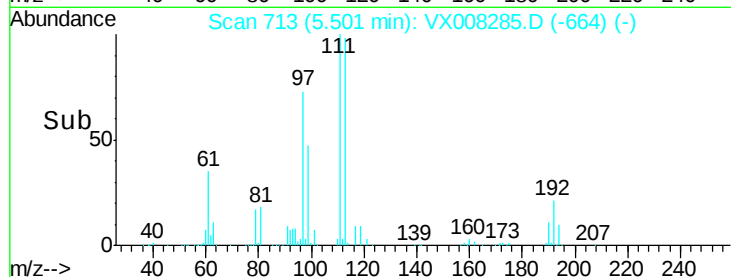
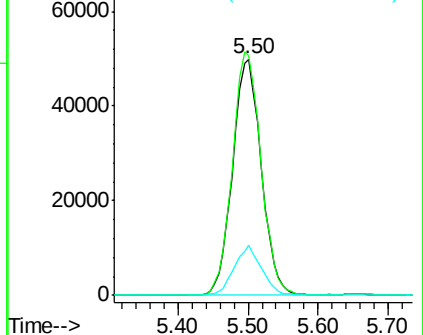
192 20.1 19.4 29.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.972 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.01 min

Lab File: VX008285.D

Acq: 21 Mar 2019 12:53

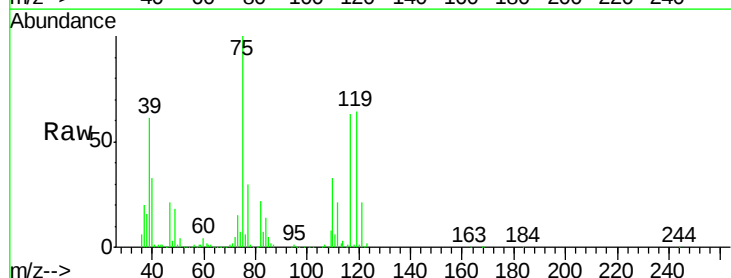
Tgt Ion: 75 Resp: 106428

Ion Ratio Lower Upper

75 100

110 33.7 18.4 55.0

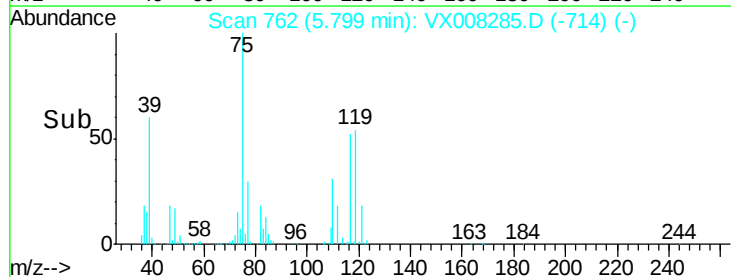
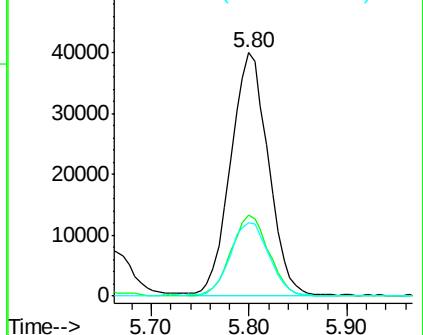
77 31.3 25.0 37.4

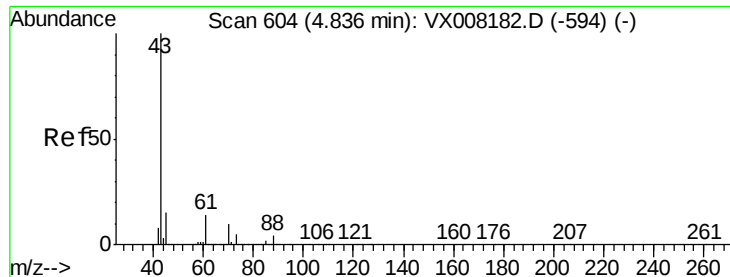


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

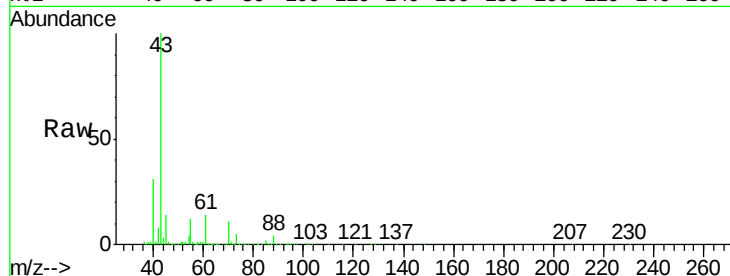




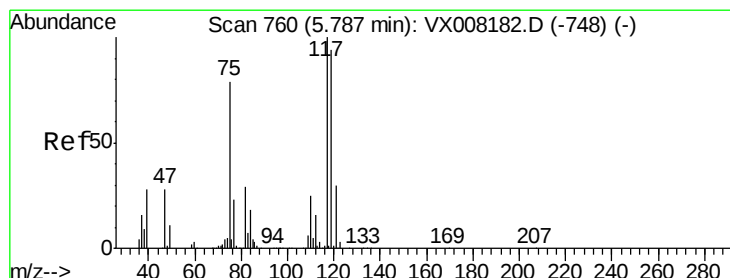
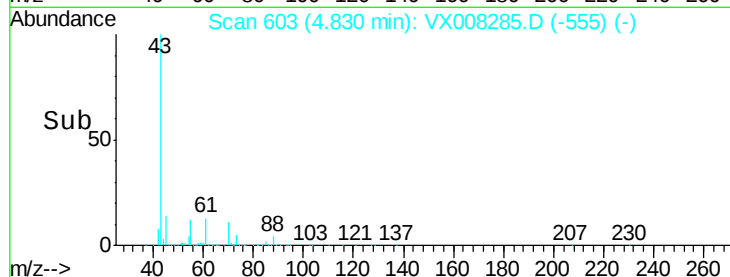
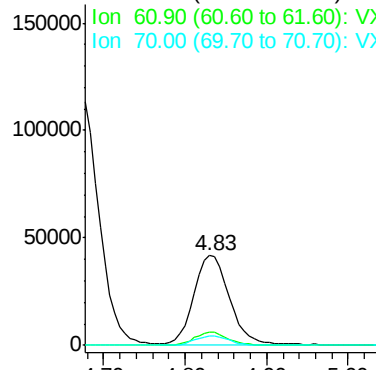
#37
Ethyl Acetate
Concen: 20.933 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX008285.D
Acq: 21 Mar 2019 12:53

Instrument :
MSVOA_X
ClientSampled :
VX0321WBS01

Tot Ion: 43 Resp: 125575
Ion Ratio Lower Upper
43 100
61 13.6 11.3 16.9
70 10.0 8.5 12.7

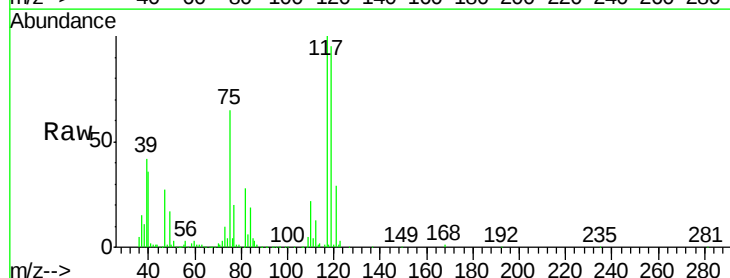


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

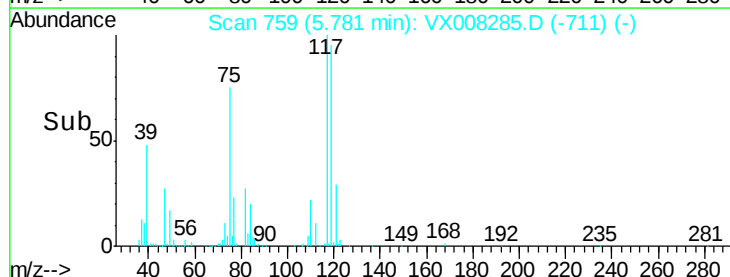
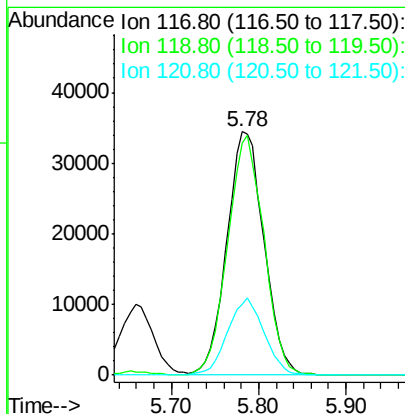


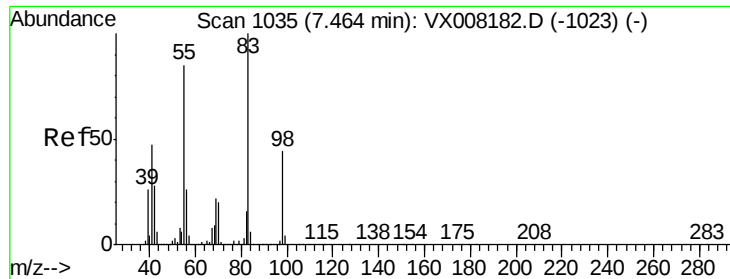
#38
Carbon Tetrachloride
Concen: 22.425 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX008285.D
Acq: 21 Mar 2019 12:53

Tgt Ion: 117 Resp: 101398
Ion Ratio Lower Upper
117 100
119 95.4 76.2 114.2
121 29.0 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

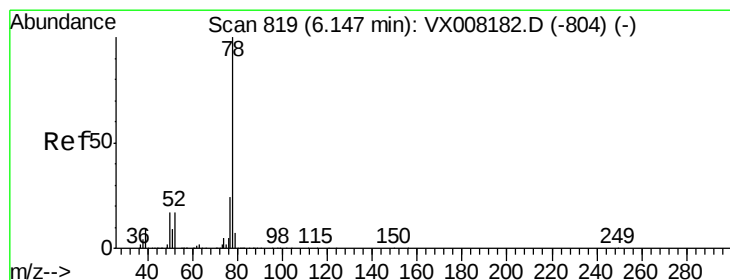
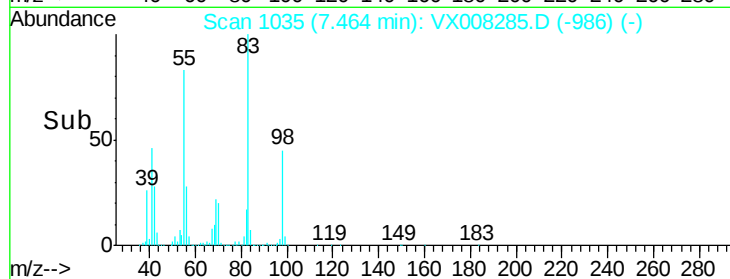
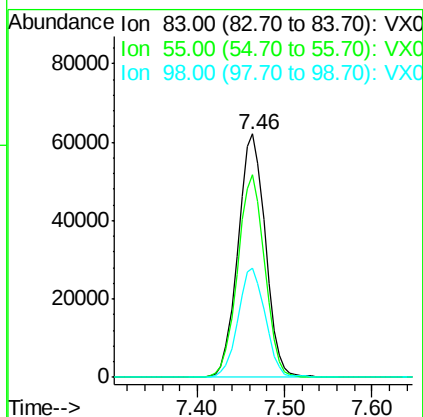
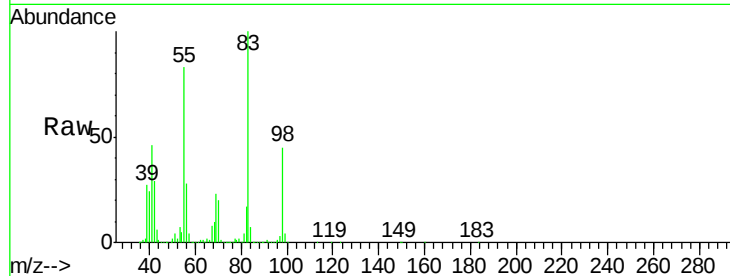




#39
Methvlcvclohexane
Concen: 22.128 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008285.D
Acq: 21 Mar 2019 12:53

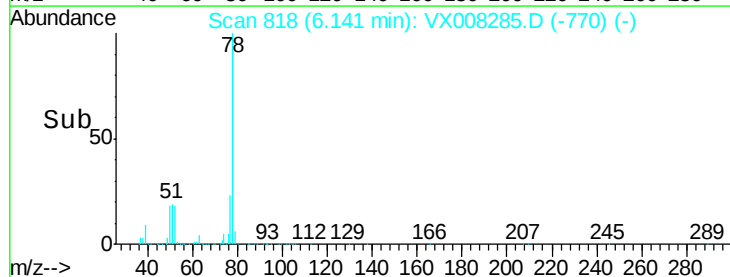
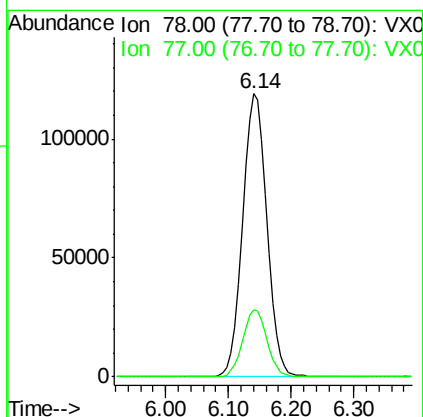
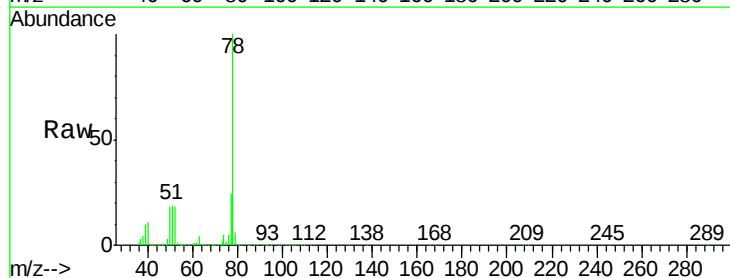
Instrument :
MSVOA_X
ClientSampleId :
VX0321WBS01

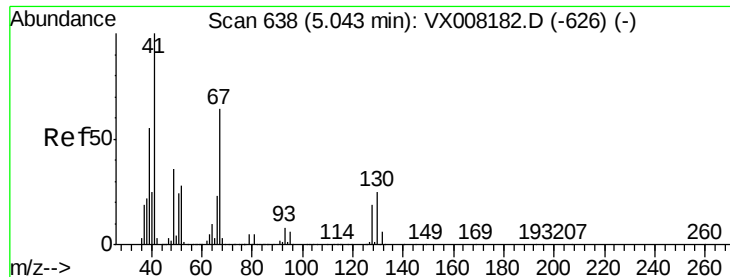
Tot Ion: 83 Resp: 135132
Ion Ratio Lower Upper
83 100
55 83.3 60.4 90.6
98 44.6 36.5 54.7



#40
Benzene
Concen: 21.217 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX008285.D
Acq: 21 Mar 2019 12:53

Tgt Ion: 78 Resp: 318682
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.4

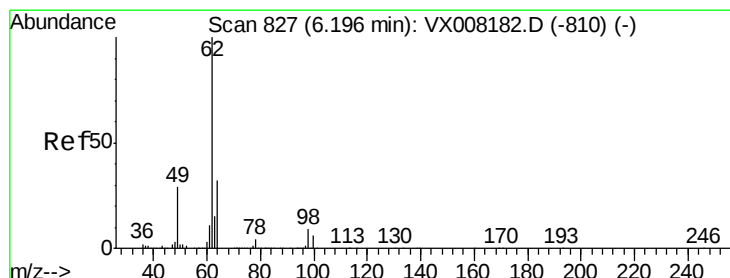
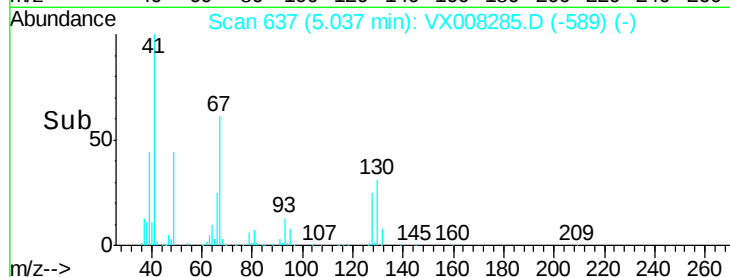
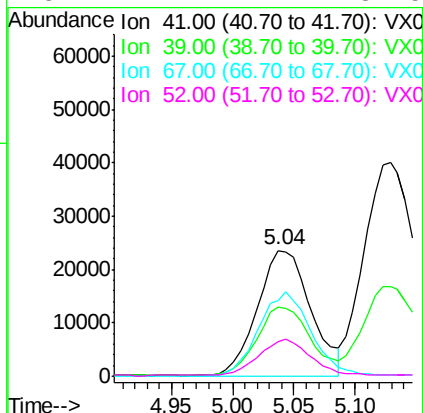
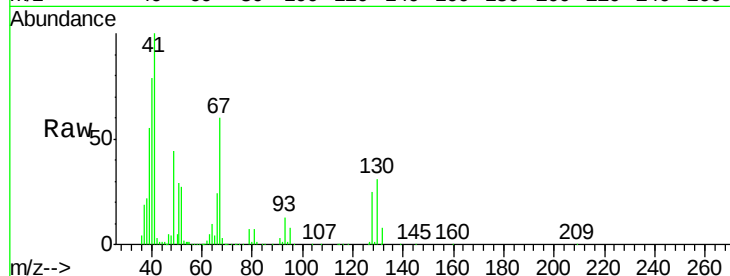




#41
Methacrylonitrile
Concen: 21.246 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX008285.D
Acq: 21 Mar 2019 12:53

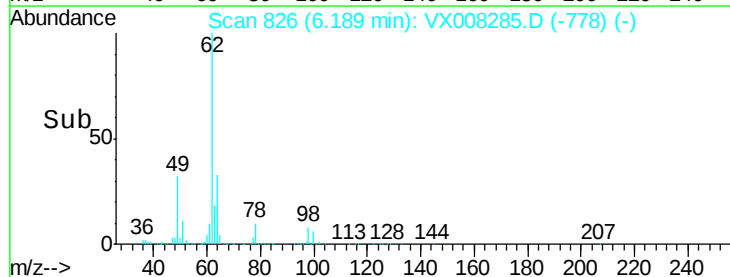
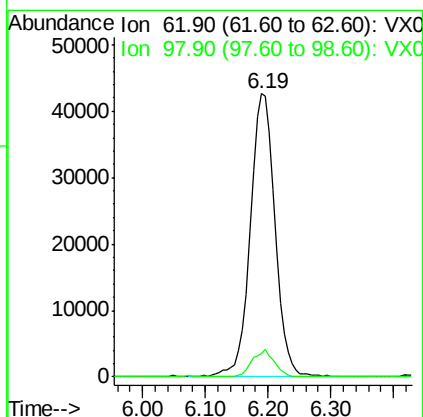
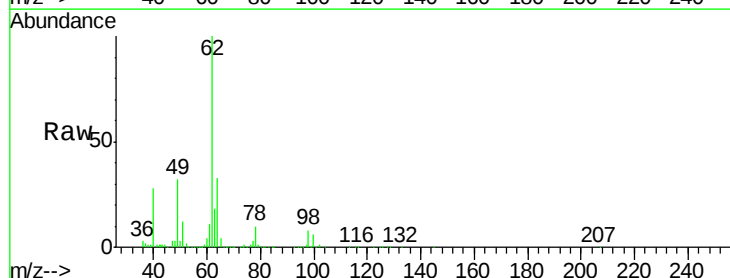
Instrument :
MSVOA_X
ClientSampled :
VX0321WBS01

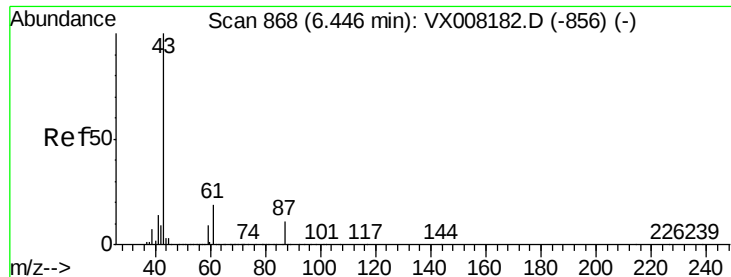
Tot Ion:	41	Resp:	71491
Ion	Ratio	Lower	Upper
41	100		
39	55.3	41.6	62.4
67	67.1	55.8	83.6
52	27.7	21.7	32.5



#42
1,2-Dichloroethane
Concen: 21.209 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX008285.D
Acq: 21 Mar 2019 12:53

Tgt Ion:	62	Resp:	116700
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	20.4



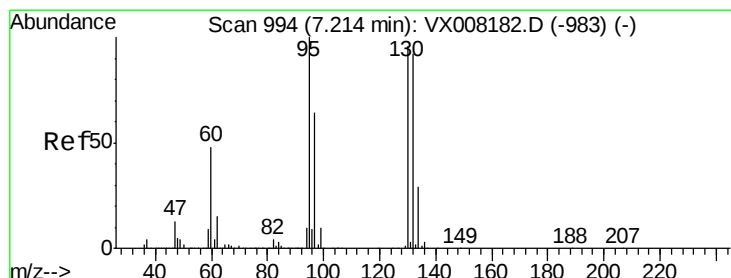
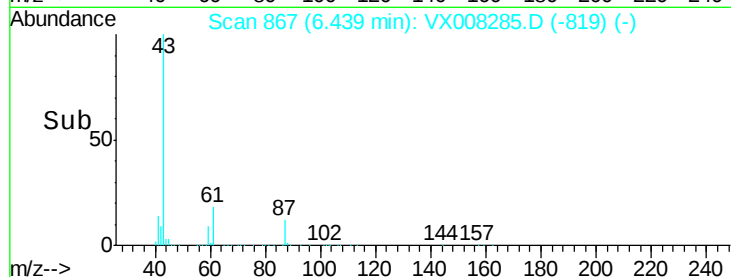
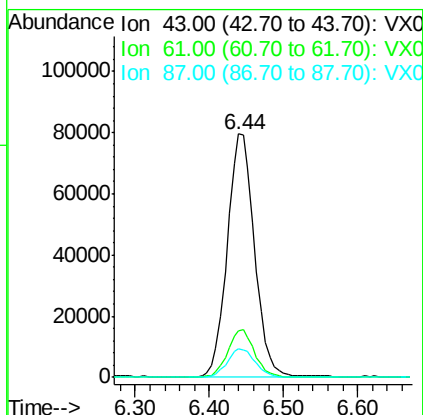
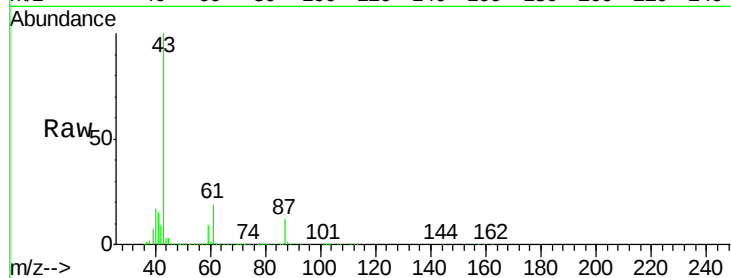


#43

Isopropyl Acetate
 Concen: 21.088 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: VX008285.D
 Acq: 21 Mar 2019 12:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBS01

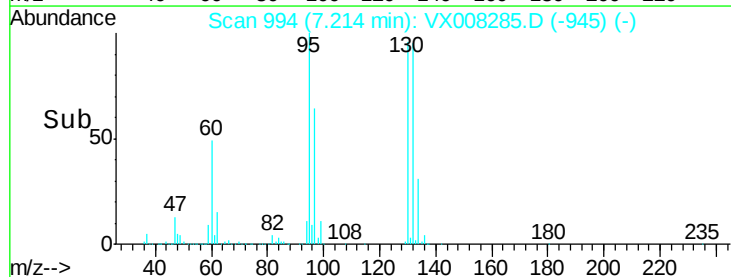
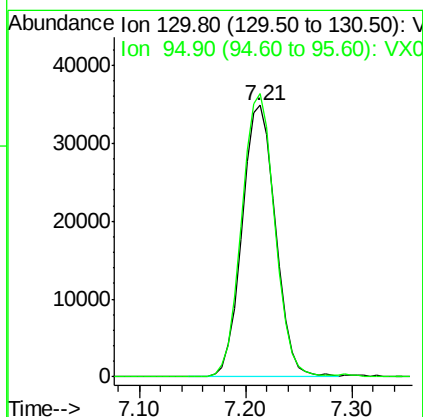
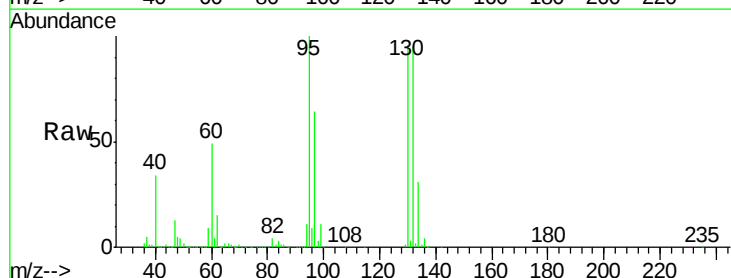
Tot Ion	43	Resp	202766
Ion Ratio	Lower	Upper	
43	100		
61	19.5	16.3	24.5
87	12.1	10.5	15.7

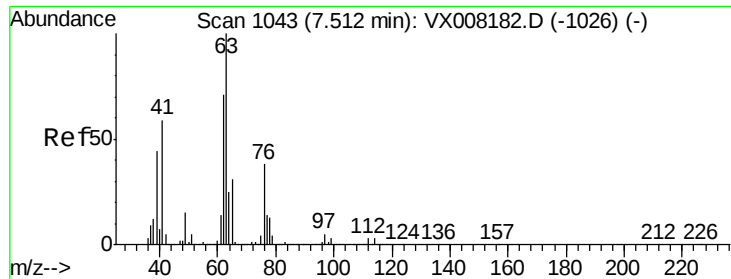


#44

Trichloroethene
 Concen: 21.017 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX008285.D
 Acq: 21 Mar 2019 12:53

Tgt Ion	130	Resp	77186
Ion Ratio	Lower	Upper	
130	100		
95	104.2	0.0	188.0





#45

1,2-Dichloropropane

Concen: 20.894 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX008285.D

Acq: 21 Mar 2019 12:53

Instrument :

MSVOA_X

ClientSampleId :

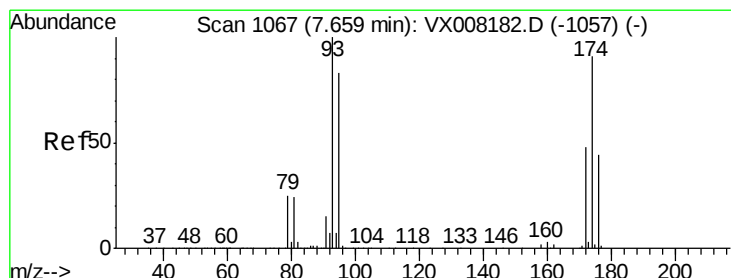
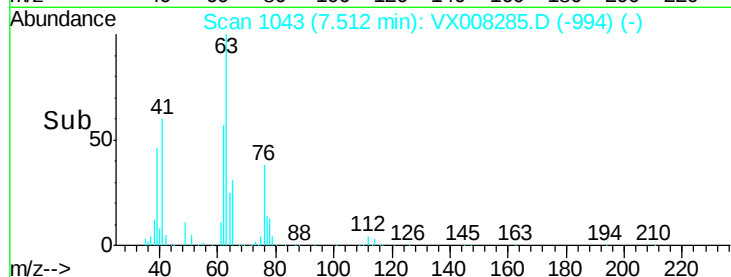
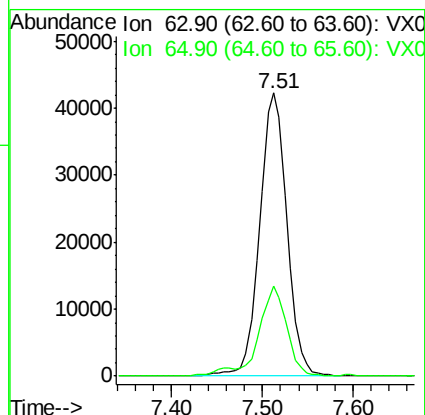
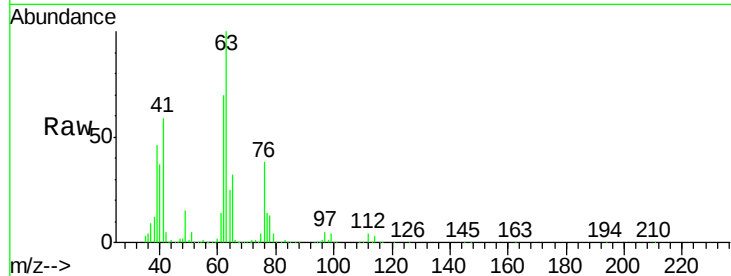
VX0321WBS01

Tot Ion: 63 Resp: 87851

Ion Ratio Lower Upper

63 100

65 31.8 24.7 37.1



#46

Dibromomethane

Concen: 21.025 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX008285.D

Acq: 21 Mar 2019 12:53

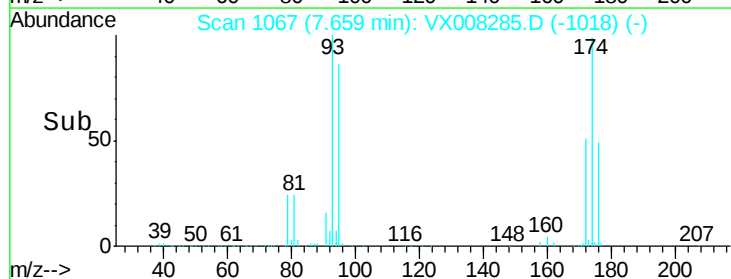
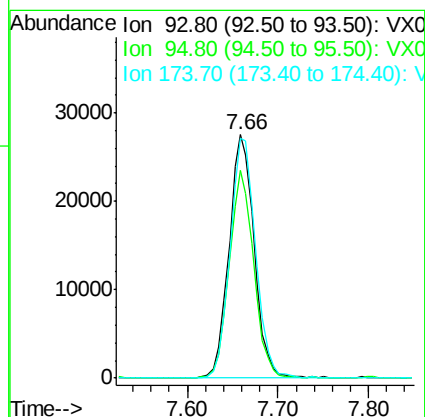
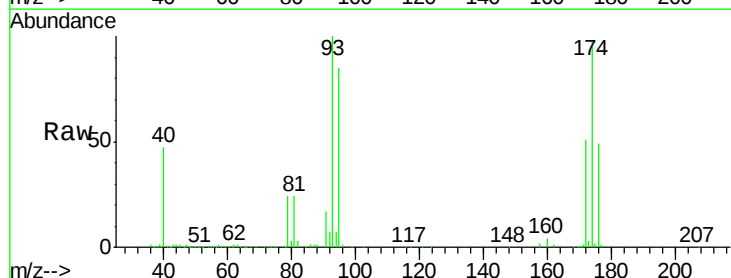
Tgt Ion: 93 Resp: 53525

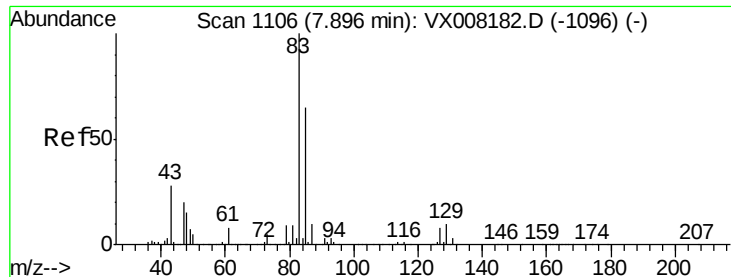
Ion Ratio Lower Upper

93 100

95 83.4 66.8 100.2

174 99.4 97.3 145.9





#47

Bromodichloromethane

Concen: 22.438 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008285.D

Acq: 21 Mar 2019 12:53

Instrument :

MSVOA_X

ClientSampleId :

VX0321WBS01

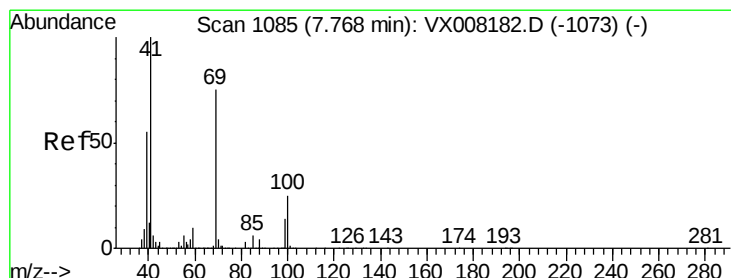
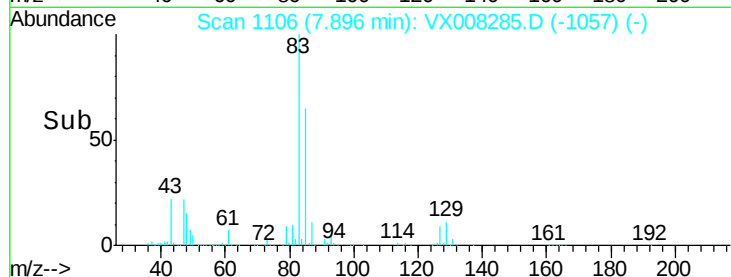
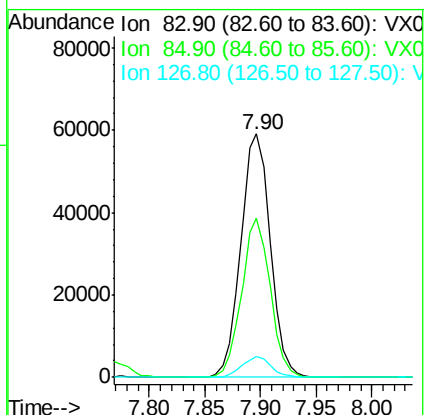
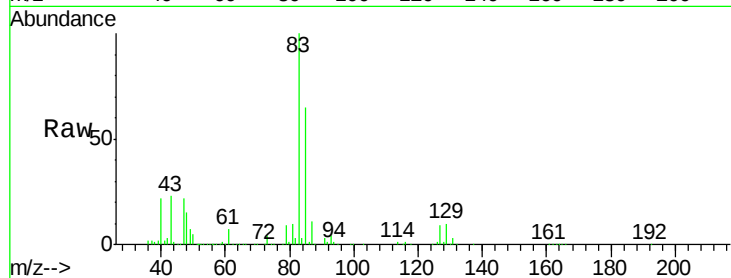
Tot Ion: 83 Resp: 108863

Ion Ratio Lower Upper

83 100

85 65.2 50.9 76.3

127 8.8 7.4 11.0



#48

Methyl methacrylate

Concen: 20.796 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008285.D

Acq: 21 Mar 2019 12:53

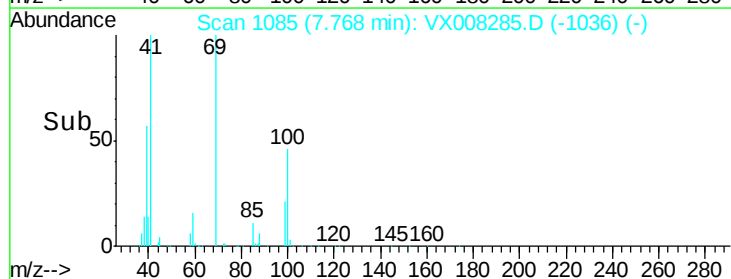
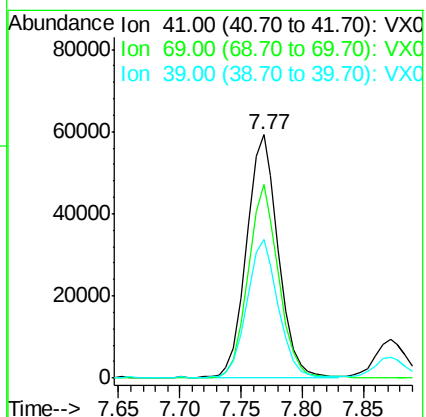
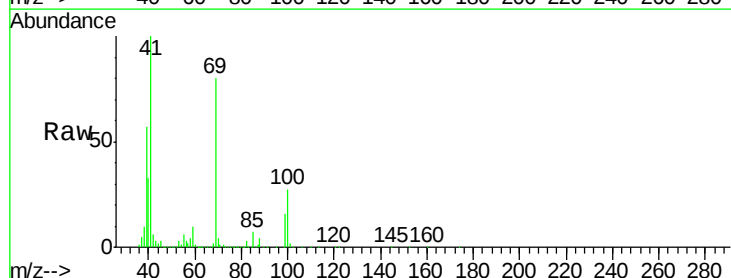
Tgt Ion: 41 Resp: 106321

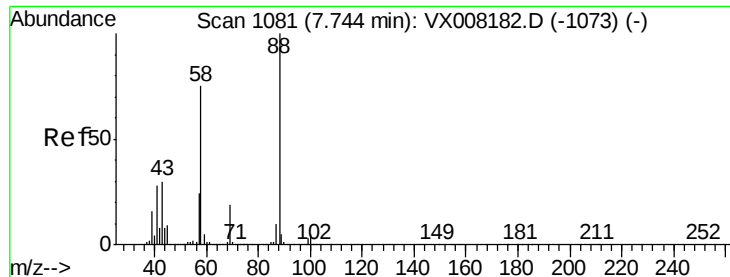
Ion Ratio Lower Upper

41 100

69 76.6 65.2 97.8

39 55.9 39.4 59.2

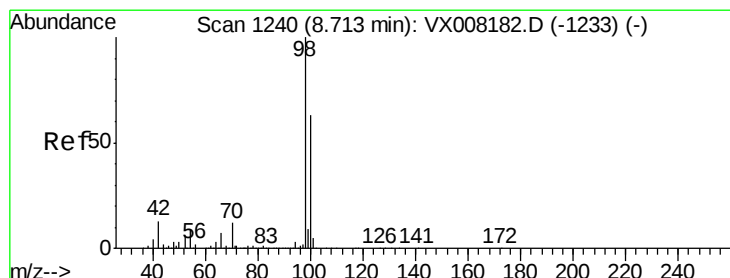
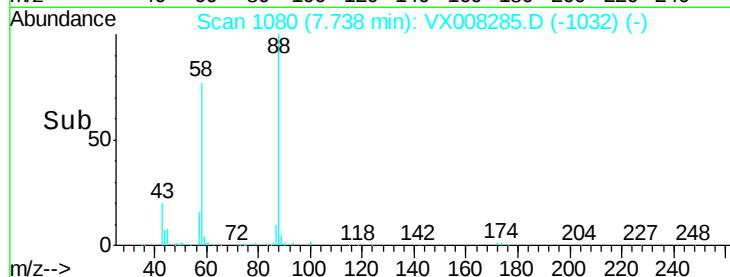
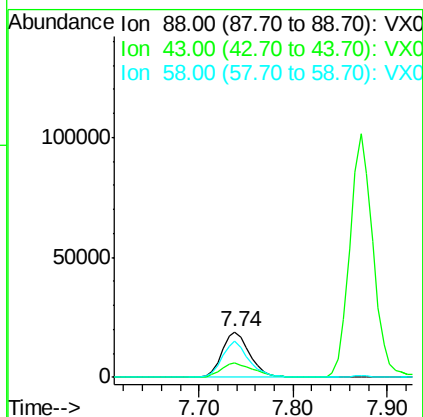
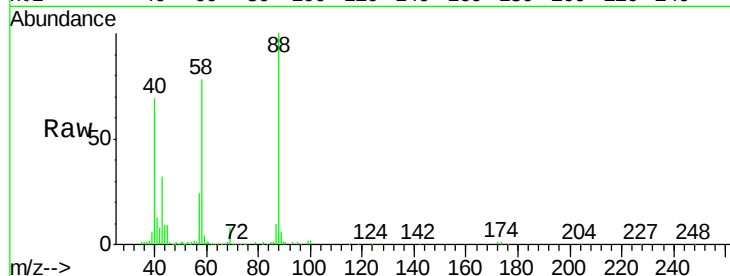




#49
1,4-Dioxane
Concen: 422.018 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.01 min
Lab File: VX008285.D
Acq: 21 Mar 2019 12:53

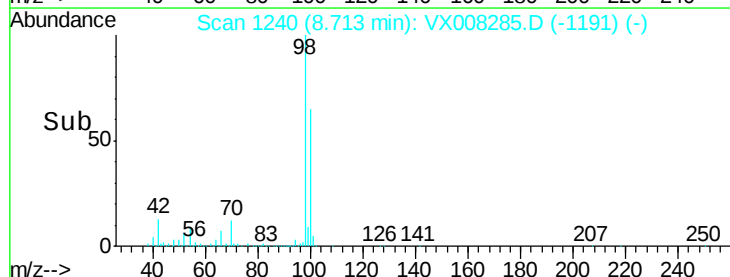
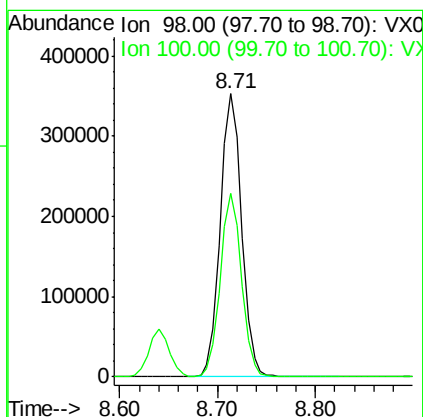
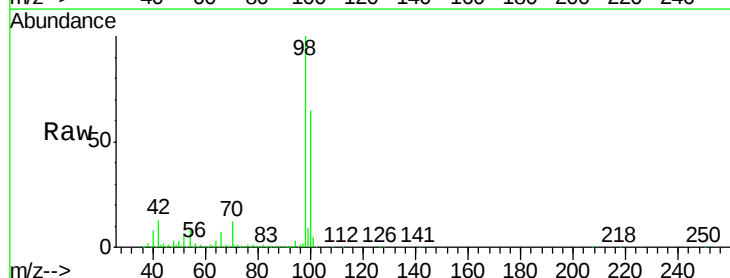
Instrument :
MSVOA_X
ClientSampled :
VX0321WBS01

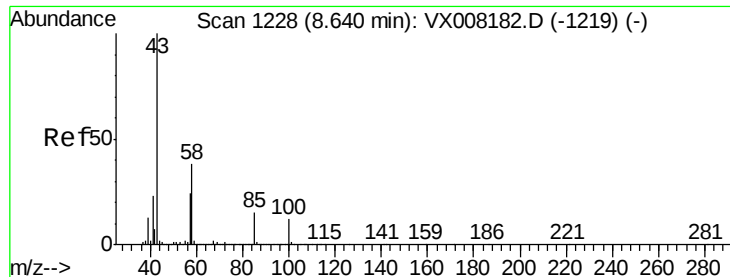
Tot Ion: 88 Resp: 38075
Ion Ratio Lower Upper
88 100
43 36.5 25.1 37.7
58 78.8 57.8 86.6



#50
Toluene-d8
Concen: 48.470 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008285.D
Acq: 21 Mar 2019 12:53

Tgt Ion: 98 Resp: 536203
Ion Ratio Lower Upper
98 100
100 64.3 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 107.078 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX008285.D

Acq: 21 Mar 2019 12:53

Instrument :

MSVOA_X

ClientSampleId :

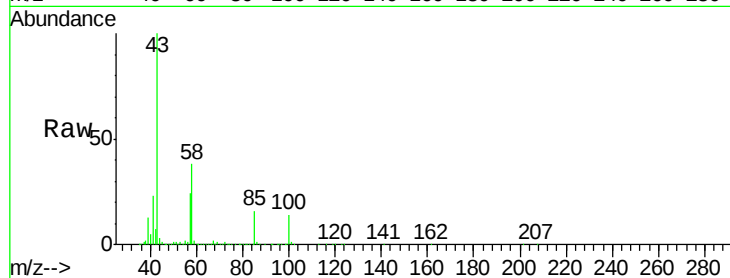
VX0321WBS01

Tot Ion: 43 Resp: 665630

Ion Ratio Lower Upper

43 100

58 37.7 31.3 46.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

400000

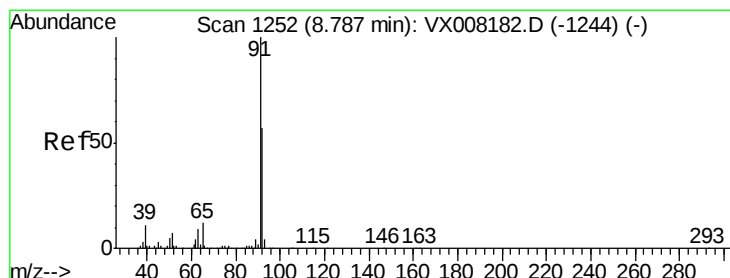
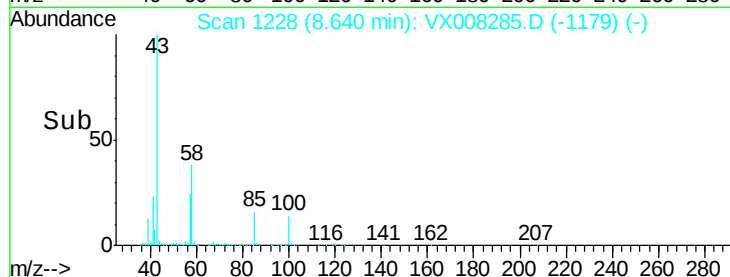
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 21.430 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008285.D

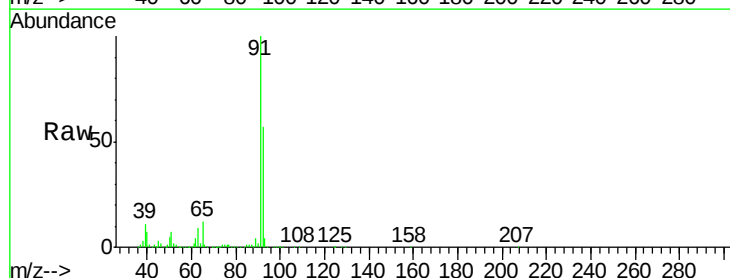
Acq: 21 Mar 2019 12:53

Tgt Ion: 92 Resp: 190961

Ion Ratio Lower Upper

92 100

91 173.5 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

250000

200000

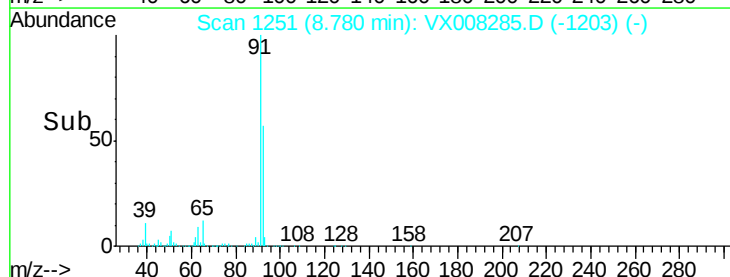
150000

100000

50000

0

Time-->

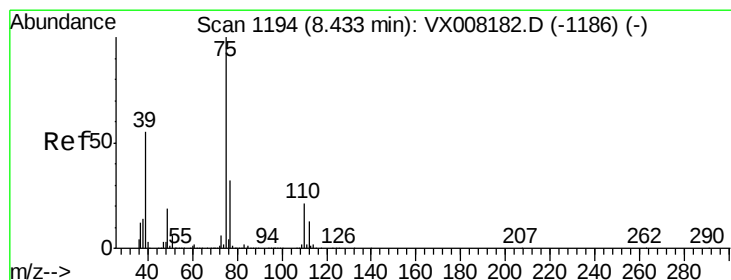
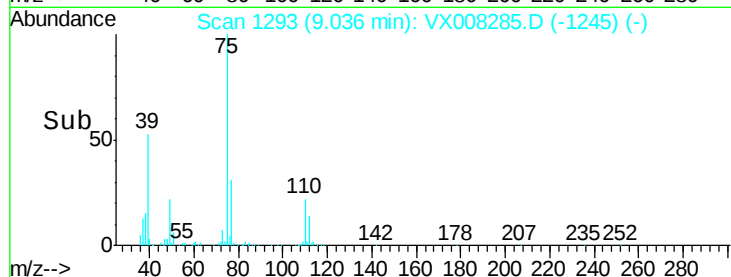
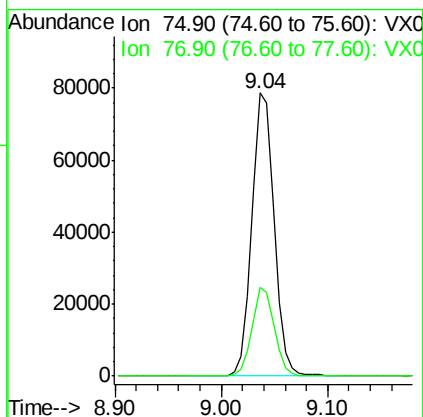
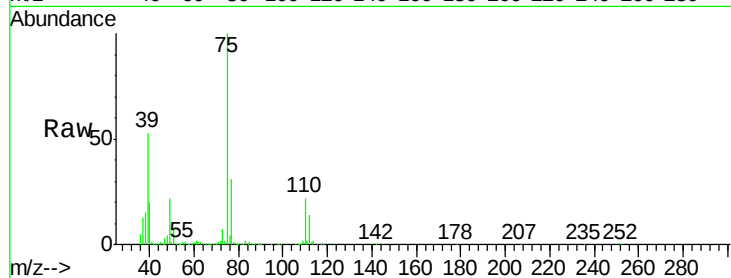




#53
t-1,3-Dichloropropene
Concen: 19.999 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.01 min
Lab File: VX008285.D
Acq: 21 Mar 2019 12:53

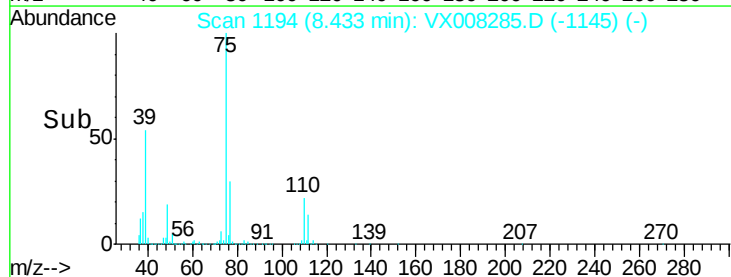
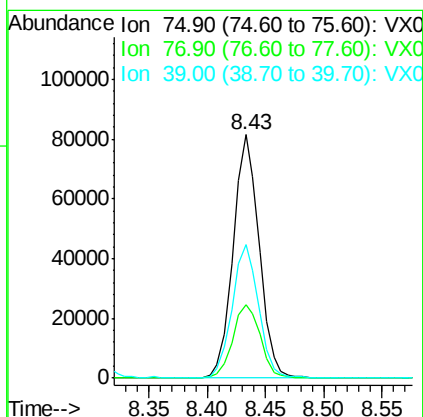
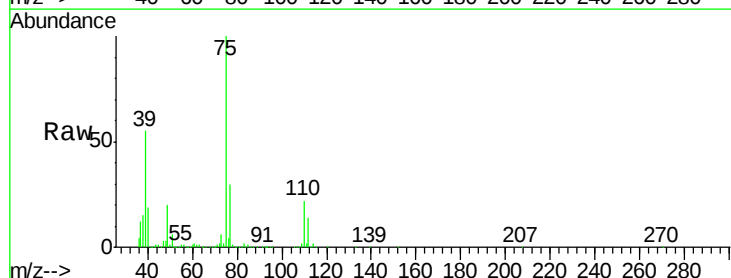
Instrument :
MSVOA_X
ClientSampleId :
VX0321WBS01

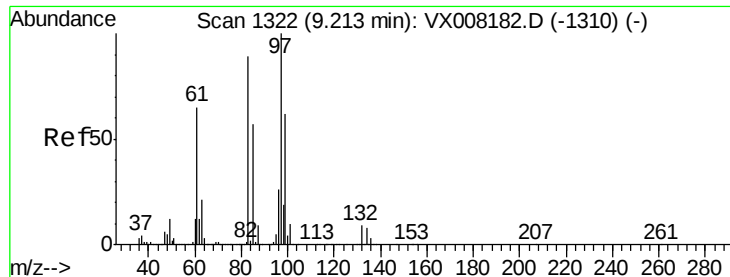
Tot Ion: 75 Resp: 116180
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 21.065 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX008285.D
Acq: 21 Mar 2019 12:53

Tgt Ion: 75 Resp: 126838
Ion Ratio Lower Upper
75 100
77 30.2 25.0 37.6
39 54.5 36.6 54.8

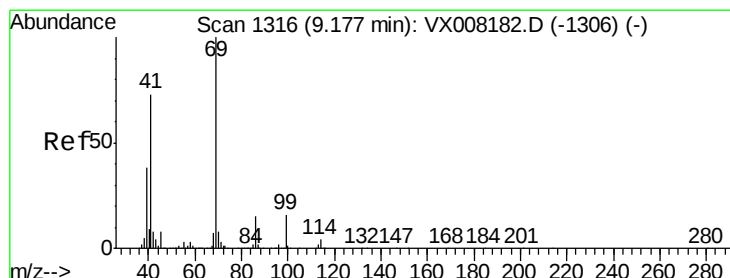
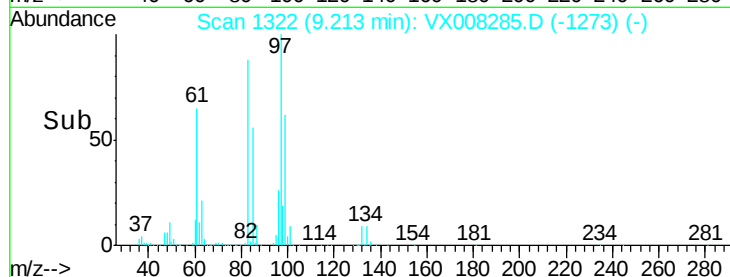
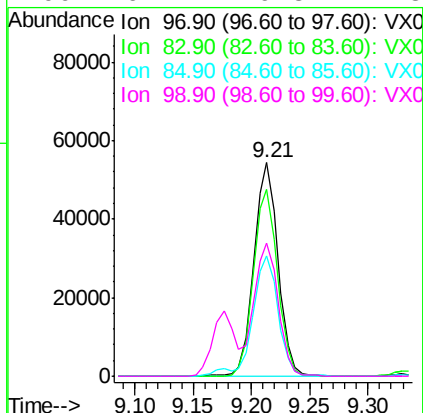
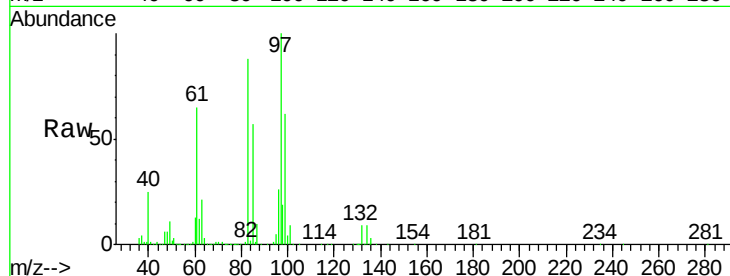




#55
 1,1,2-Trichloroethane
 Concen: 21.883 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008285.D
 Acq: 21 Mar 2019 12:53

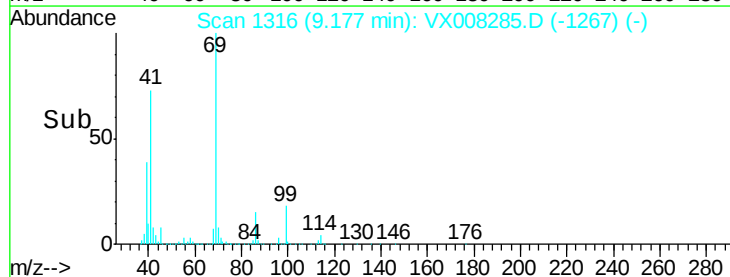
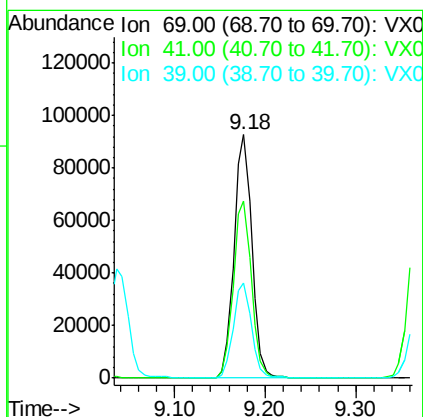
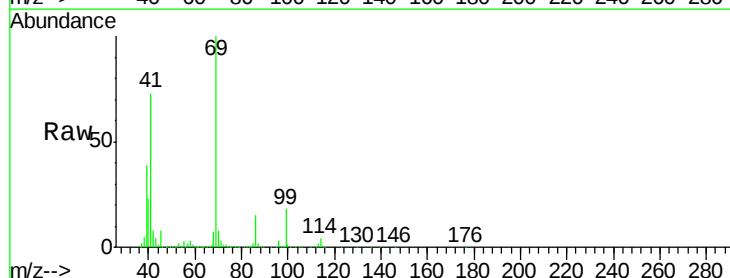
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	87.7	69.1	103.7
85	56.4	44.3	66.5
99	62.1	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 20.449 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX008285.D
 Acq: 21 Mar 2019 12:53

Tgt Ion	Ratio	Lower	Upper
69	100		
41	73.2	54.2	81.4
39	39.6	25.0	37.4#





#57

1,3-Dichloropropane

Concen: 21.465 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX008285.D

Acq: 21 Mar 2019 12:53

Instrument :

MSVOA_X

ClientSampled :

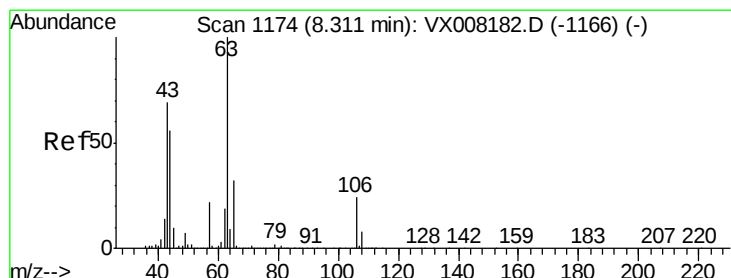
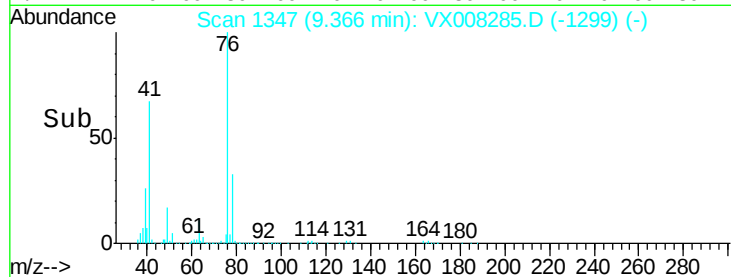
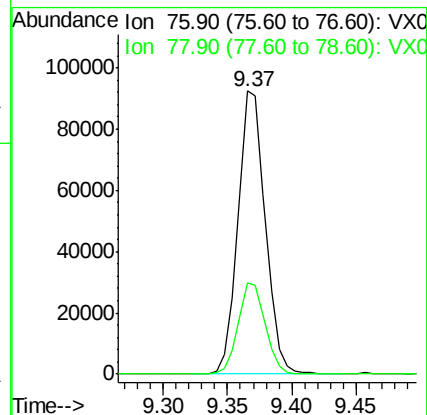
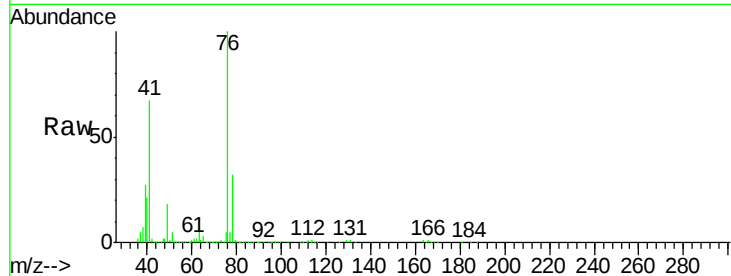
VX0321WBS01

Tot Ion: 76 Resp: 136709

Ion Ratio Lower Upper

76 100

78 32.2 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 92.803 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX008285.D

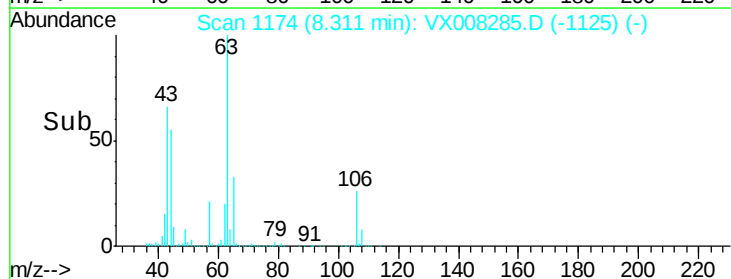
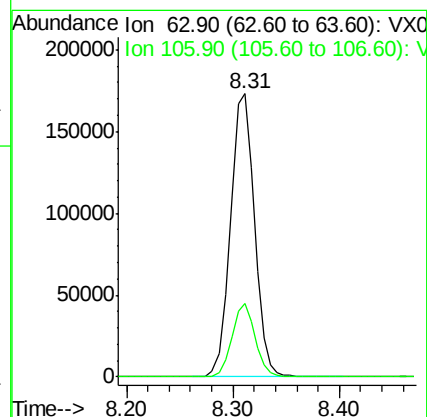
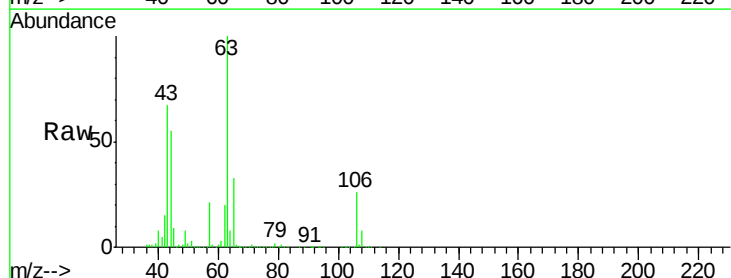
Acq: 21 Mar 2019 12:53

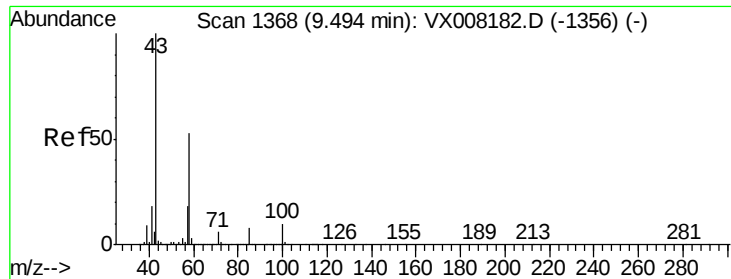
Tgt Ion: 63 Resp: 273749

Ion Ratio Lower Upper

63 100

106 25.2 22.2 33.2

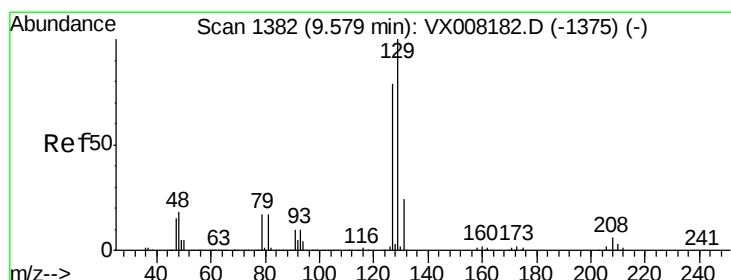
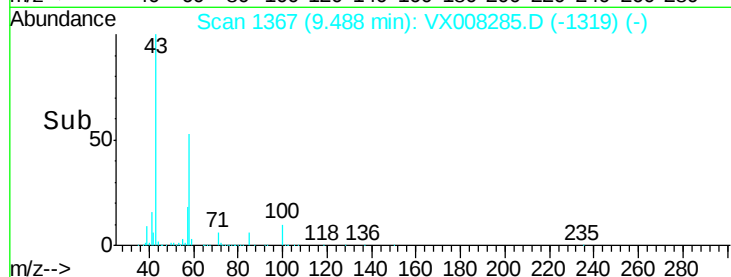
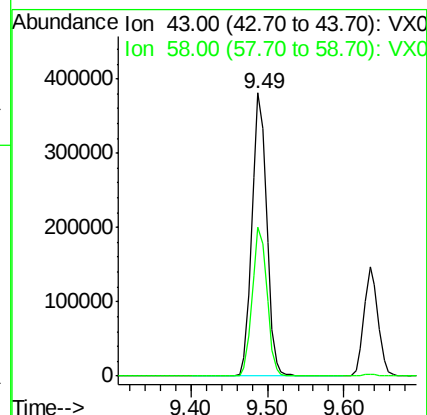
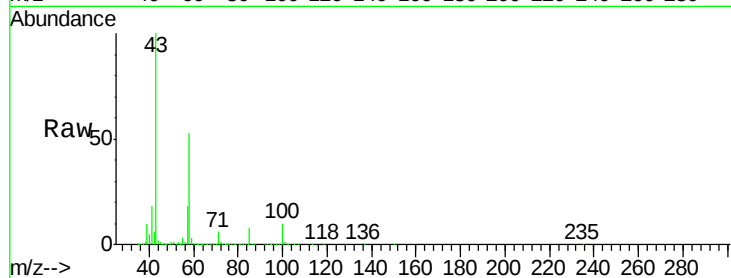




#59
2-Hexanone
Concen: 107.085 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VX008285.D
Acq: 21 Mar 2019 12:53

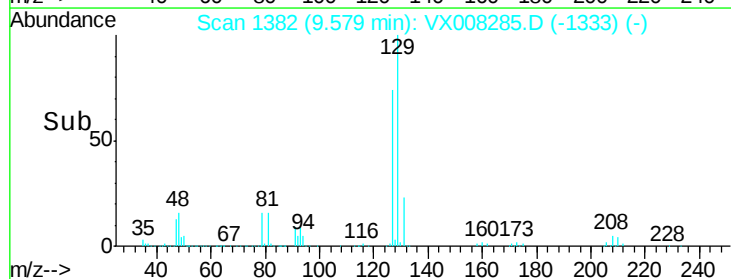
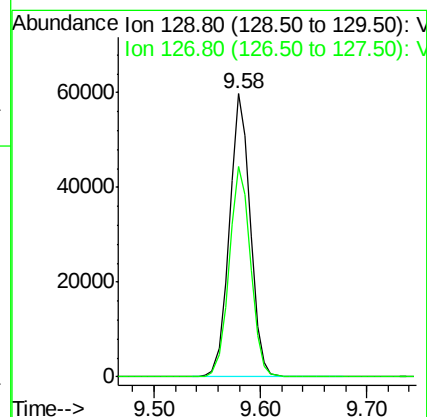
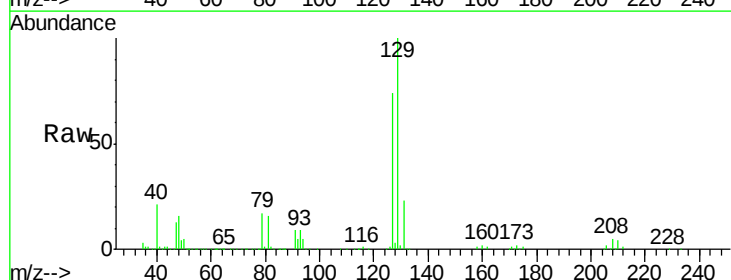
Instrument :
MSVOA_X
ClientSampleId :
VX0321WBS01

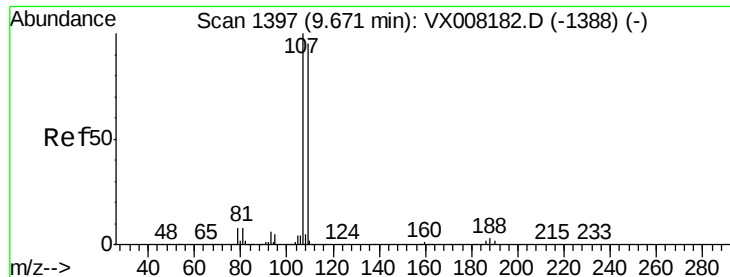
Tot Ion: 43 Resp: 512486
Ion Ratio Lower Upper
43 100
58 52.5 27.6 82.7



#60
Dibromochloromethane
Concen: 23.740 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008285.D
Acq: 21 Mar 2019 12:53

Tgt Ion: 129 Resp: 82141
Ion Ratio Lower Upper
129 100
127 76.4 38.3 114.8





#61

1,2-Dibromoethane

Concen: 21.852 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008285.D

Acq: 21 Mar 2019 12:53

Instrument :

MSVOA_X

ClientSampleId :

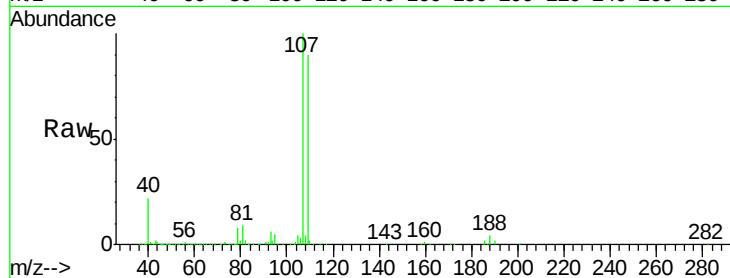
VX0321WBS01

Tot Ion:107 Resp: 82147

Ion Ratio Lower Upper

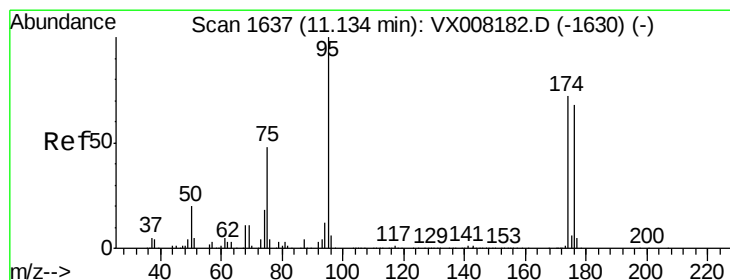
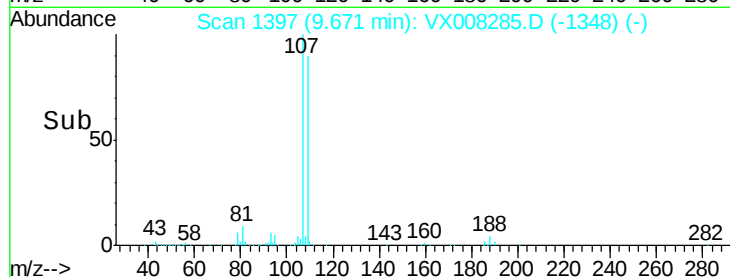
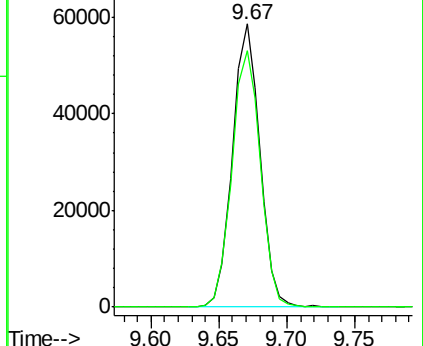
107 100

109 93.9 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.260 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008285.D

Acq: 21 Mar 2019 12:53

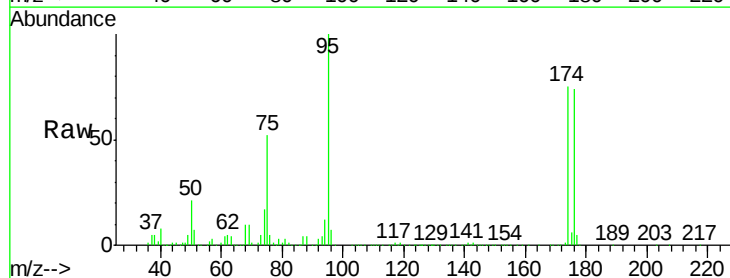
Tgt Ion: 95 Resp: 191444

Ion Ratio Lower Upper

95 100

174 79.8 0.0 182.8

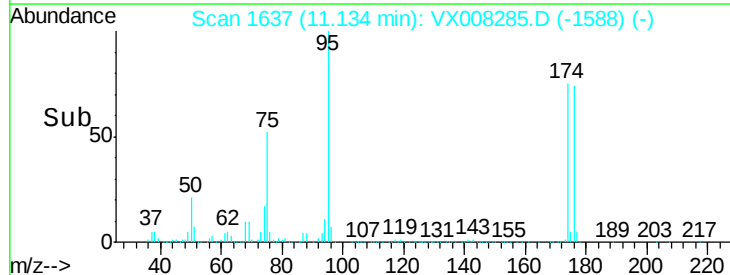
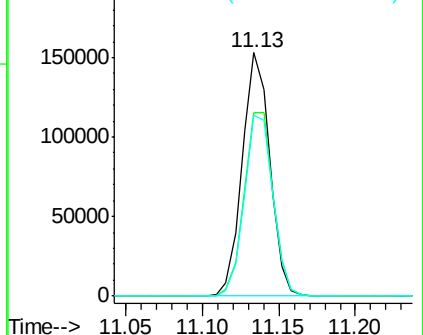
176 77.3 0.0 178.0

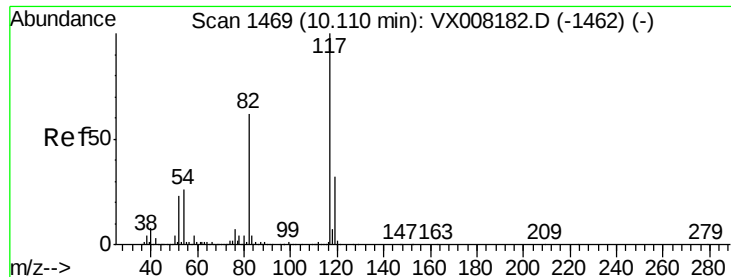


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

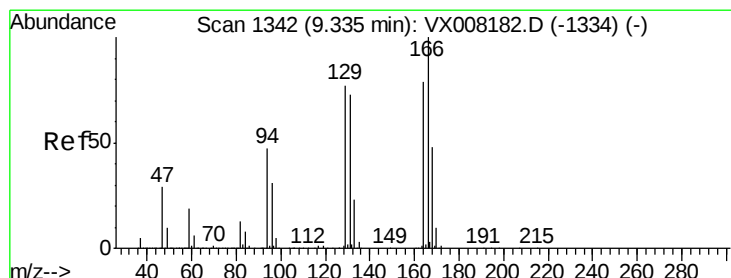
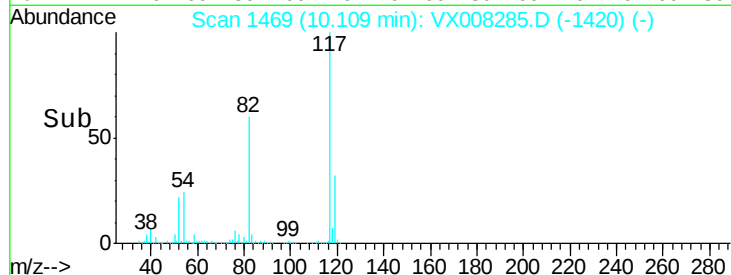
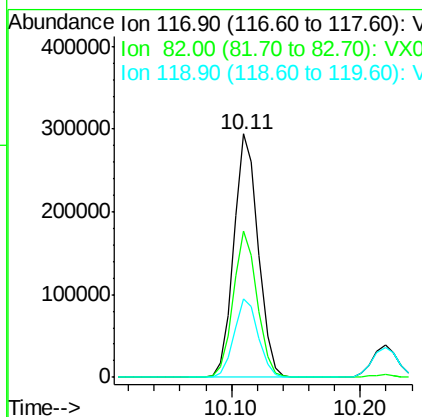
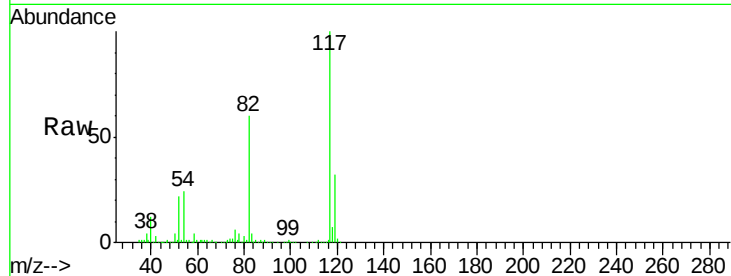




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008285.D
Acq: 21 Mar 2019 12:53

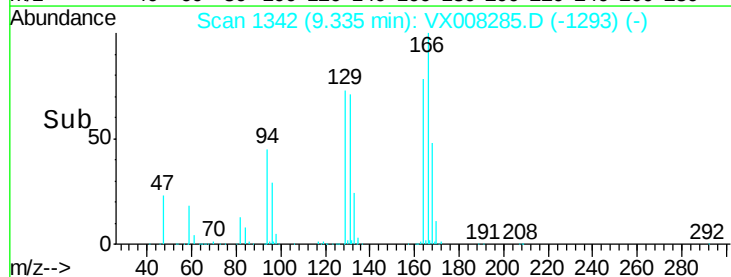
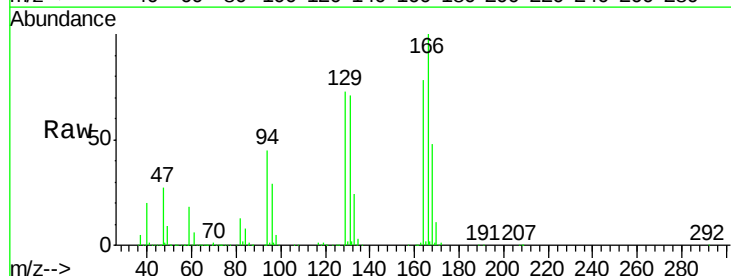
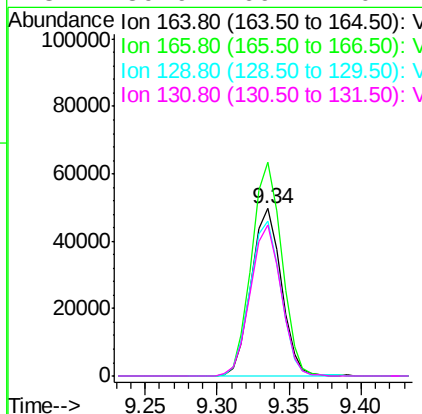
Instrument :
MSVOA_X
ClientSampleId :
VX0321WBS01

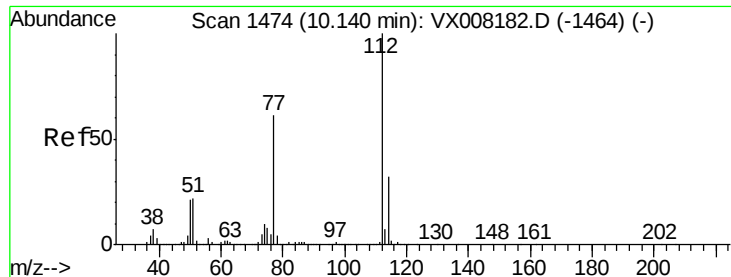
Tot Ion	Ratio	Lower	Upper
117	100		
82	60.3	44.3	66.5
119	32.2	25.3	37.9



#64
Tetrachloroethene
Concen: 20.580 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008285.D
Acq: 21 Mar 2019 12:53

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.4	103.4	155.0
129	92.8	72.2	108.4
131	89.9	69.4	104.2

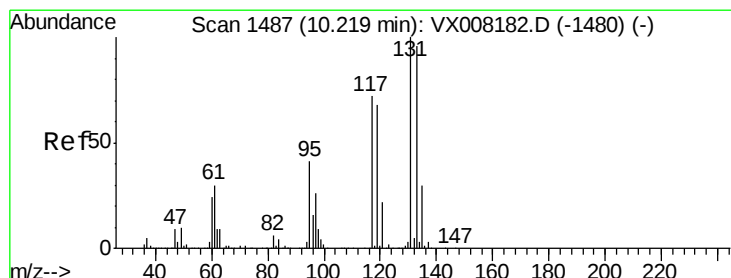
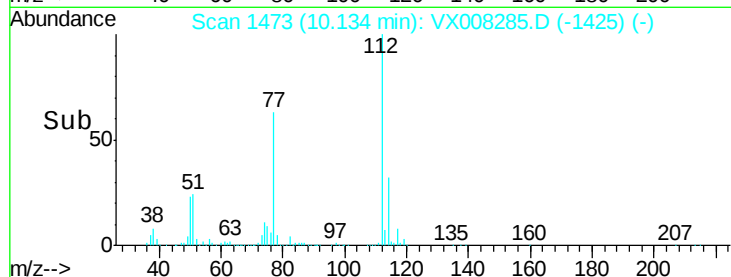
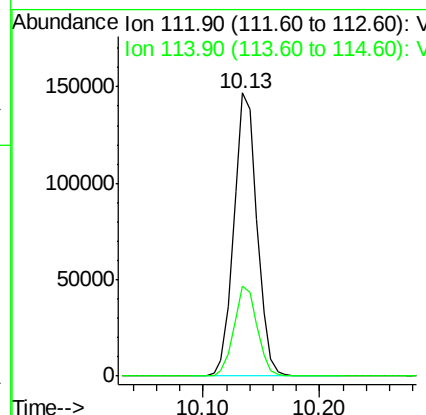
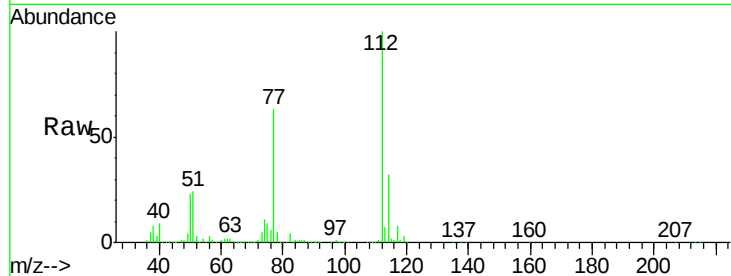




#65
Chlorobenzene
Concen: 21.260 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX008285.D
Acq: 21 Mar 2019 12:53

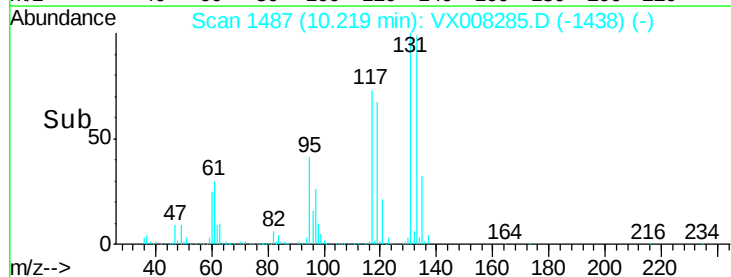
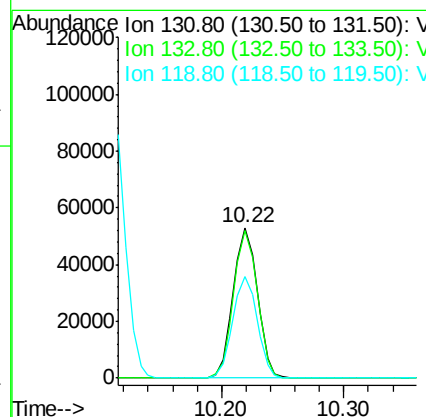
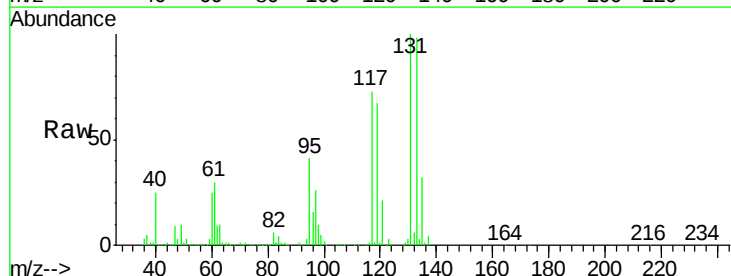
Instrument :
MSVOA_X
ClientSampleId :
VX0321WBS01

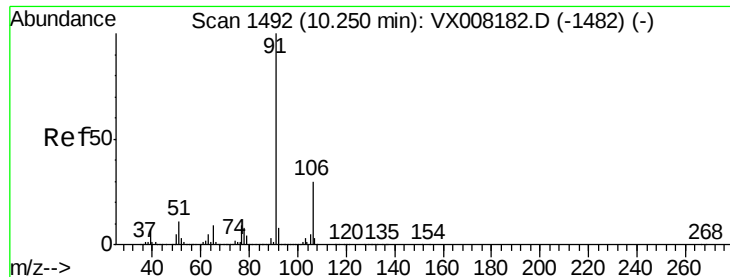
Tot Ion:112 Resp: 202867
Ion Ratio Lower Upper
112 100
114 31.6 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 21.884 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX008285.D
Acq: 21 Mar 2019 12:53

Tgt Ion:131 Resp: 72809
Ion Ratio Lower Upper
131 100
133 96.6 47.8 143.3
119 68.2 32.5 97.5





#67

Ethyl Benzene

Concen: 21.725 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008285.D

Acq: 21 Mar 2019 12:53

Instrument :

MSVOA_X

ClientSampleId :

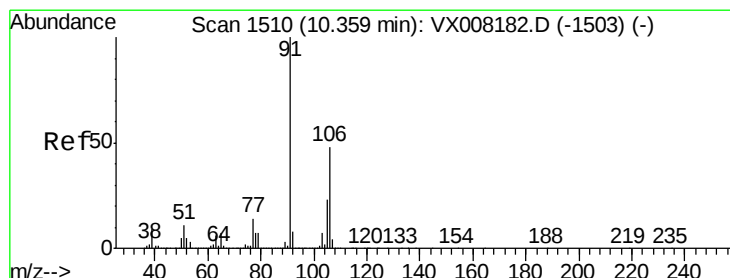
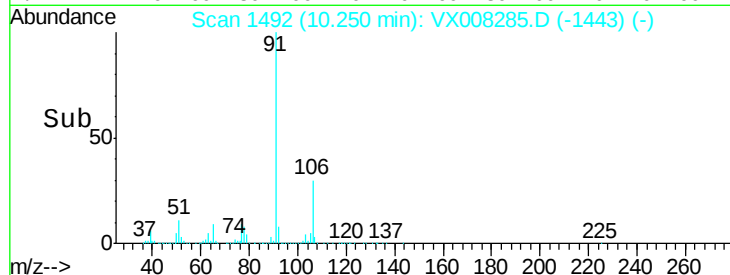
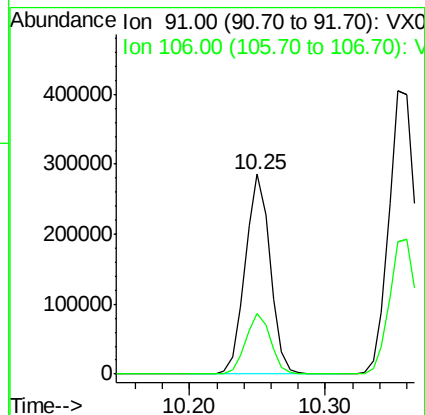
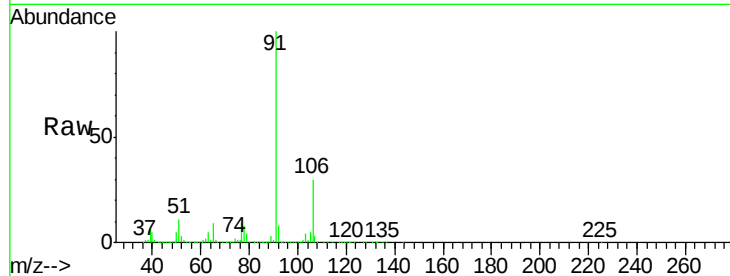
VX0321WBS01

Tot Ion: 91 Resp: 365317

Ion Ratio Lower Upper

91 100

106 30.2 25.2 37.8



#68

m/p-Xylenes

Concen: 43.199 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX008285.D

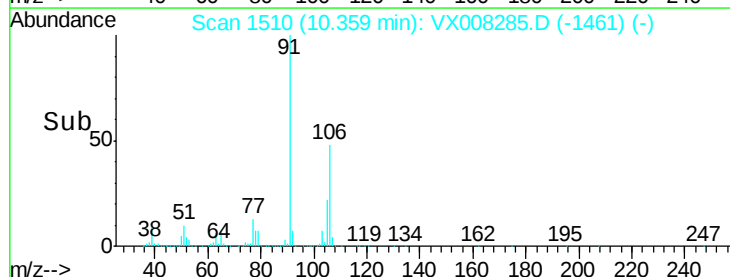
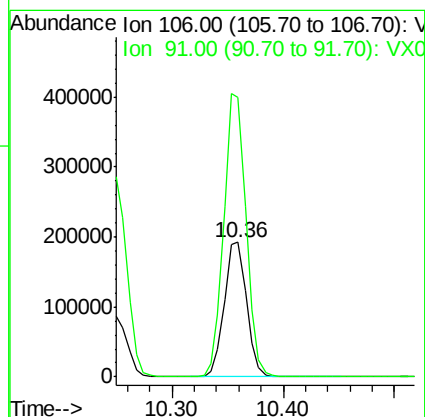
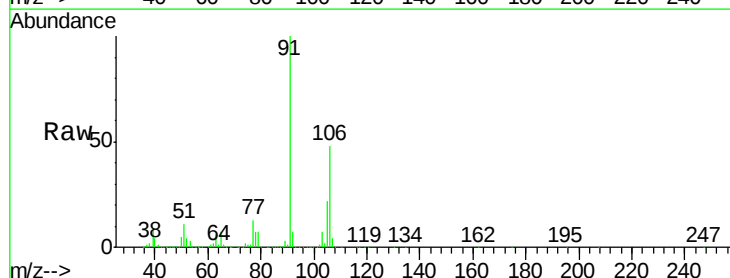
Acq: 21 Mar 2019 12:53

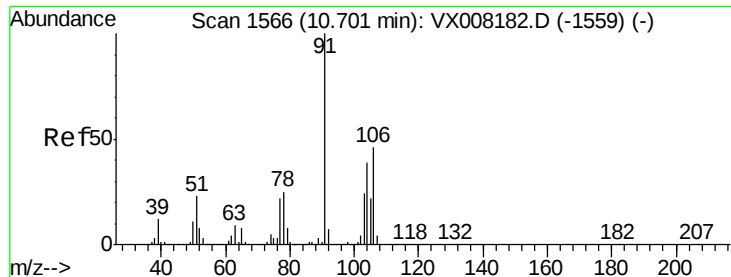
Tgt Ion: 106 Resp: 266840

Ion Ratio Lower Upper

106 100

91 210.5 159.8 239.6

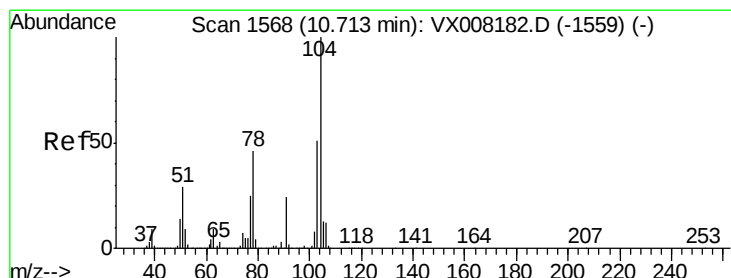
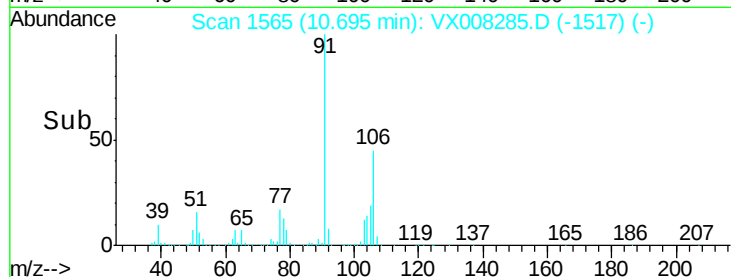
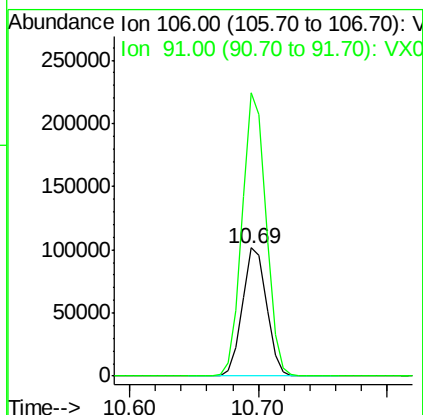
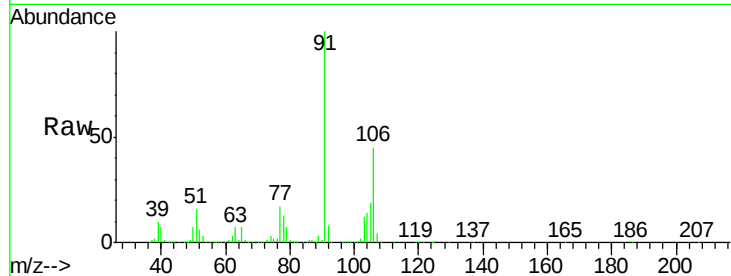




#69
o-Xylene
Concen: 21.910 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008285.D
Acq: 21 Mar 2019 12:53

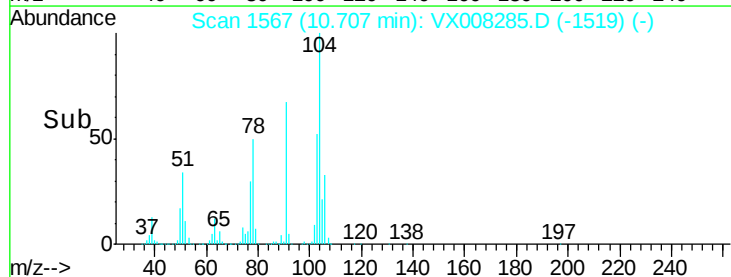
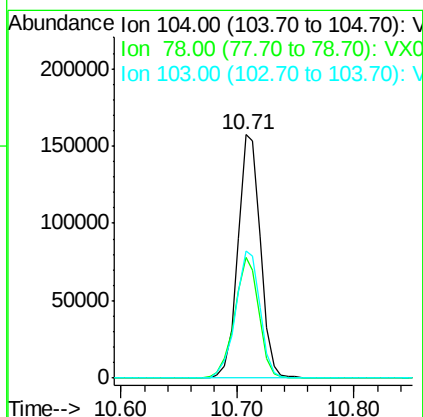
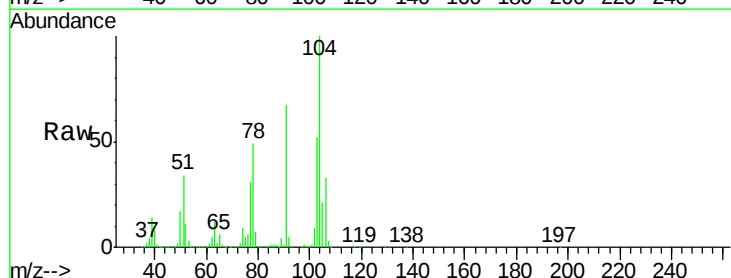
Instrument :
MSVOA_X
ClientSampled :
VX0321WBS01

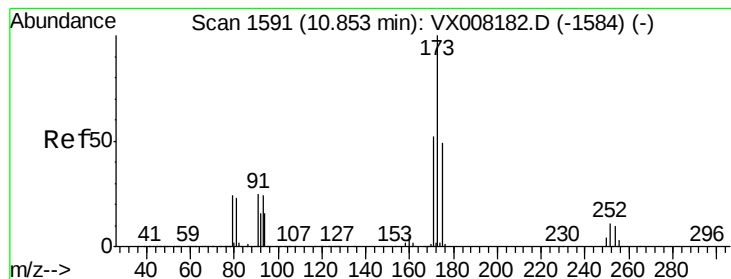
Tot Ion:106 Resp: 131510
Ion Ratio Lower Upper
106 100
91 218.2 106.3 318.9



#70
Styrene
Concen: 21.760 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX008285.D
Acq: 21 Mar 2019 12:53

Tgt Ion:104 Resp: 212263
Ion Ratio Lower Upper
104 100
78 53.3 38.5 57.7
103 56.4 44.1 66.1





#71

Bromoform

Concen: 22.253 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX008285.D

Acq: 21 Mar 2019 12:53

Instrument :

MSVOA_X

ClientSampleId :

VX0321WBS01

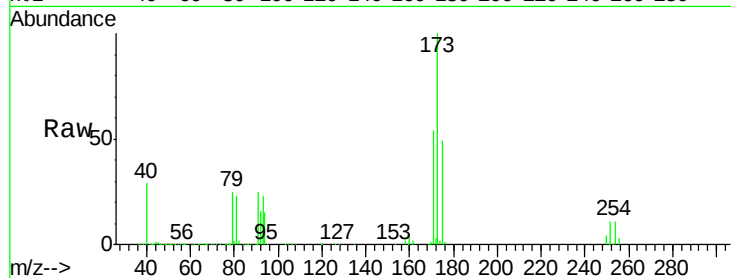
Tot Ion:173 Resp: 60127

Ion Ratio Lower Upper

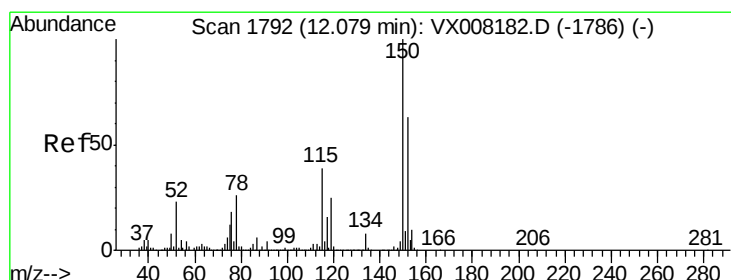
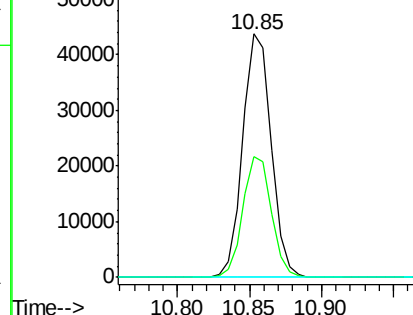
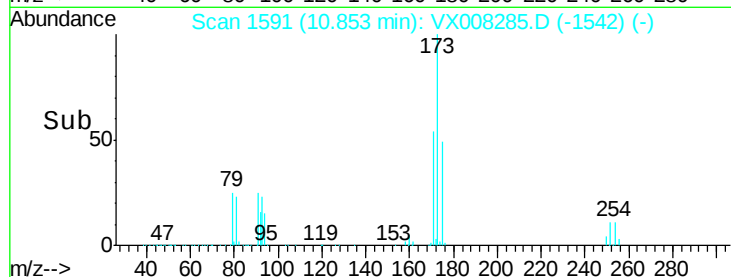
173 100

175 49.6 24.3 72.9

254 0.1 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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008285.D

Acq: 21 Mar 2019 12:53

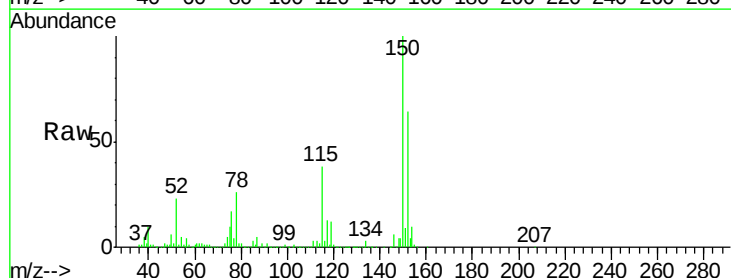
Tgt Ion:152 Resp: 185210

Ion Ratio Lower Upper

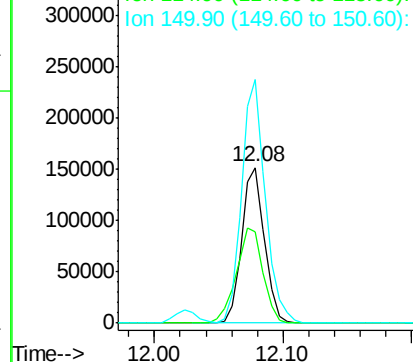
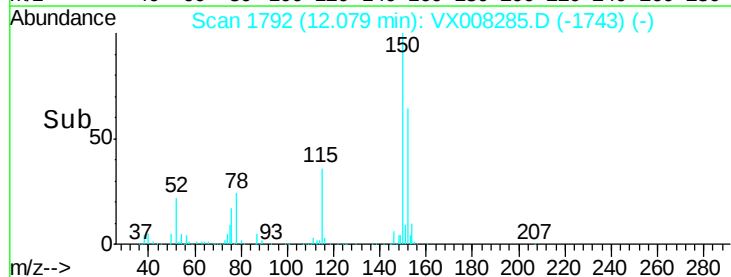
152 100

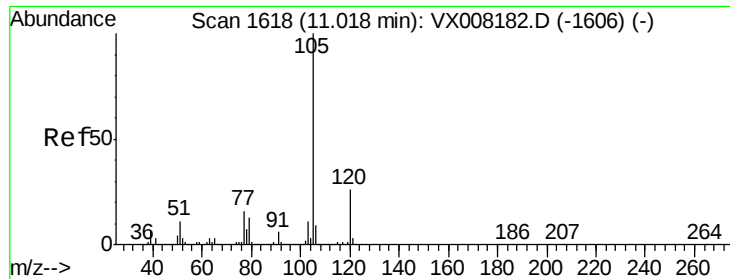
115 72.0 38.6 115.7

150 163.3 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: 21.488 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008285.D

Acq: 21 Mar 2019 12:53

Instrument :

MSVOA_X

ClientSampleId :

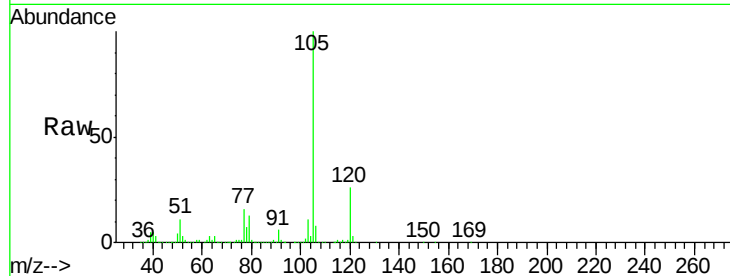
VX0321WBS01

Tot Ion:105 Resp: 354742

Ion Ratio Lower Upper

105 100

120 26.1 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

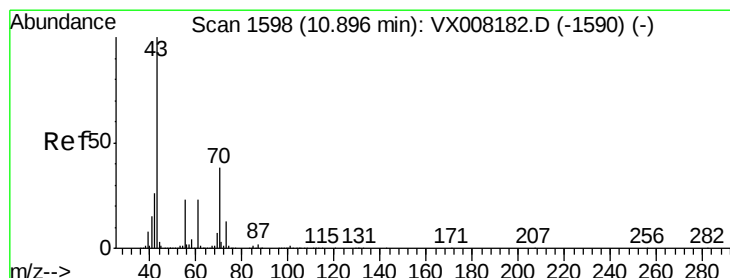
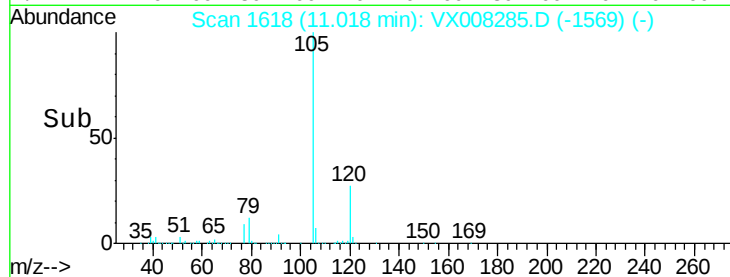
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 20.475 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008285.D

Acq: 21 Mar 2019 12:53

Tgt Ion: 43 Resp: 177095

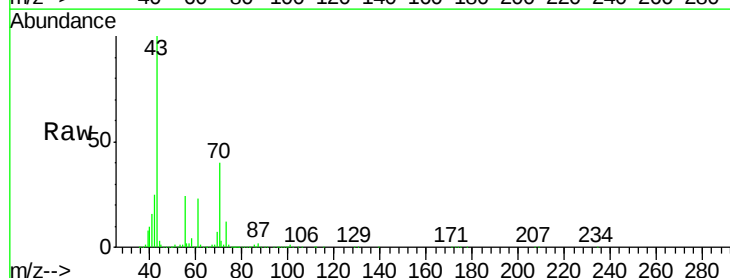
Ion Ratio Lower Upper

43 100

70 38.9 33.5 50.3

55 23.7 19.2 28.8

61 22.9 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

10.90

200000

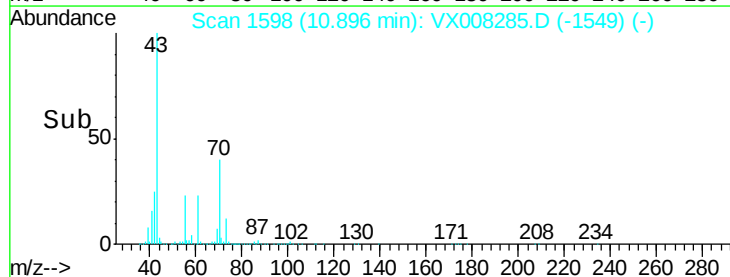
150000

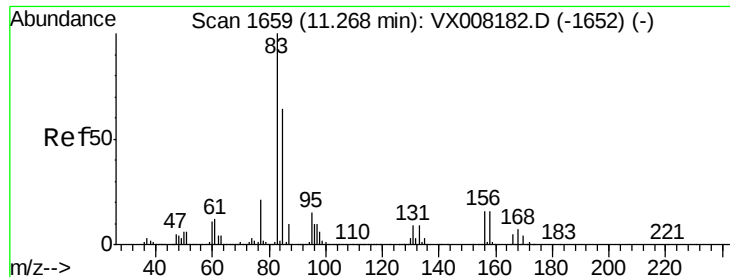
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 21.307 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008285.D

Acq: 21 Mar 2019 12:53

Instrument :

MSVOA_X

ClientSampled :

VX0321WBS01

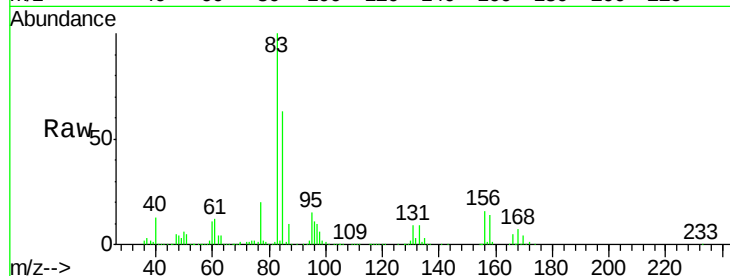
Tot Ion: 83 Resp: 126133

Ion Ratio Lower Upper

83 100

131 9.4 5.4 16.2

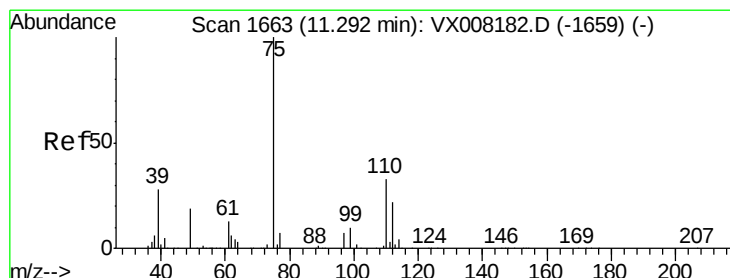
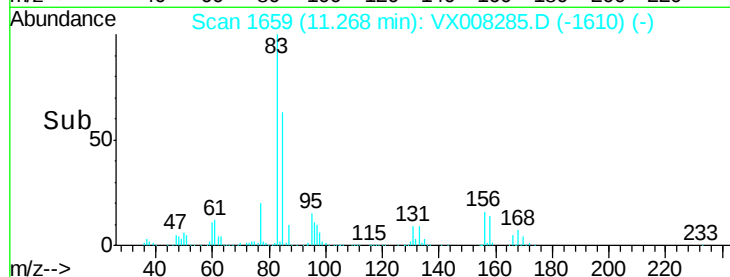
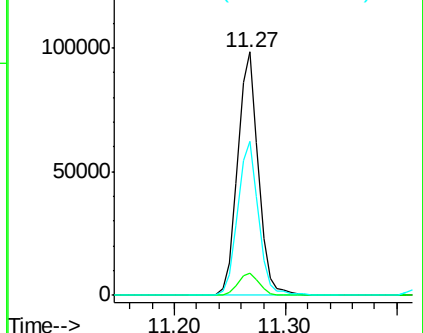
85 63.6 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 27.947 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX008285.D

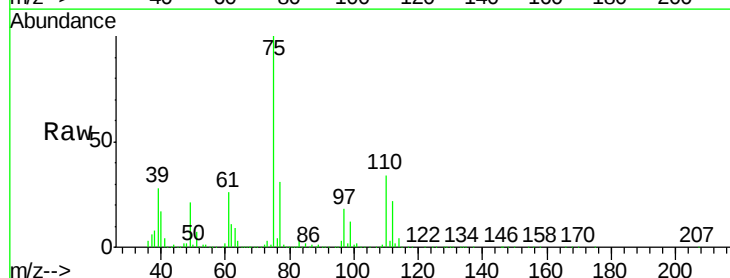
Acq: 21 Mar 2019 12:53

Tgt Ion: 75 Resp: 145585

Ion Ratio Lower Upper

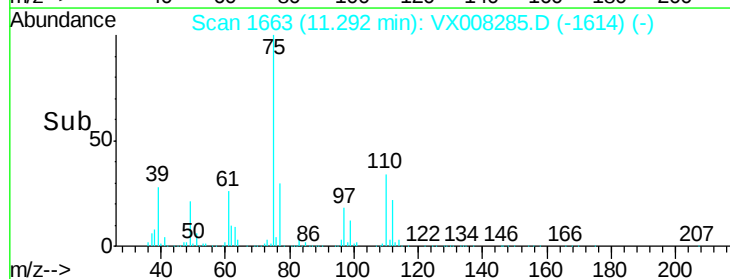
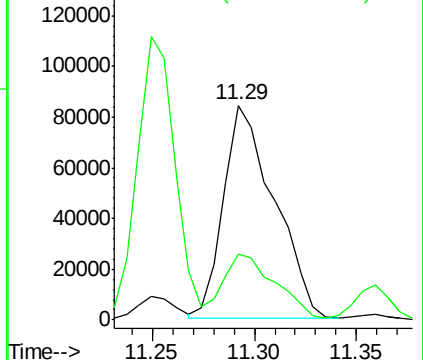
75 100

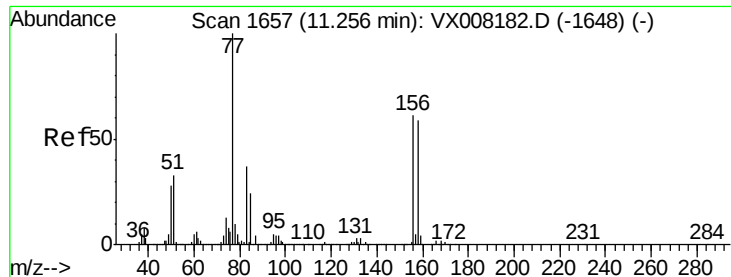
77 31.8 18.9 56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 21.012 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008285.D

Acq: 21 Mar 2019 12:53

Instrument :

MSVOA_X

ClientSampled :

VX0321WBS01

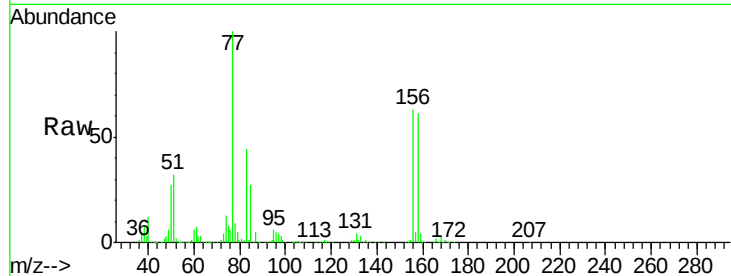
Tot Ion:156 Resp: 83870

Ion Ratio Lower Upper

156 100

77 170.6 72.0 215.9

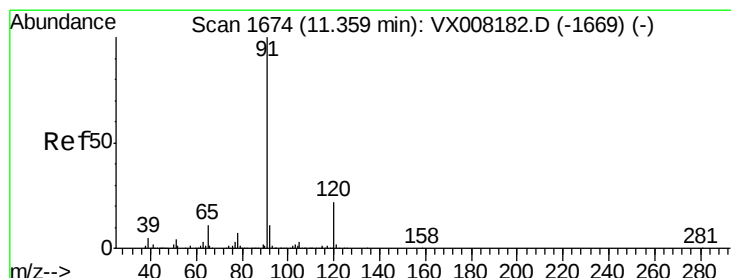
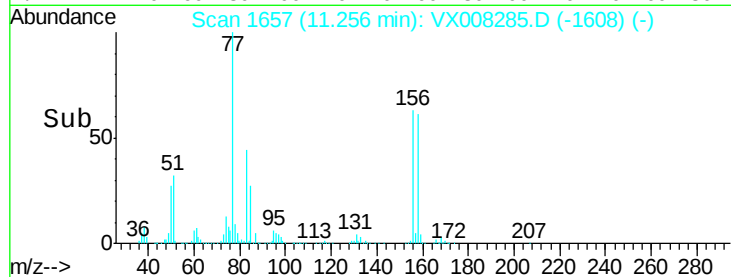
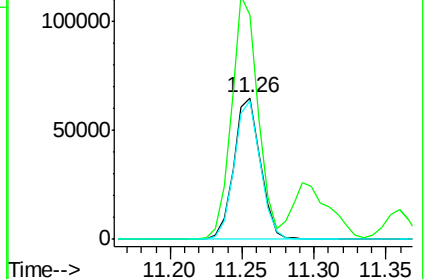
158 96.4 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.504 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008285.D

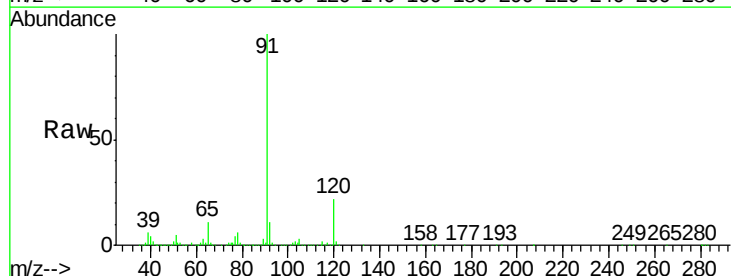
Acq: 21 Mar 2019 12:53

Tgt Ion: 91 Resp: 412324

Ion Ratio Lower Upper

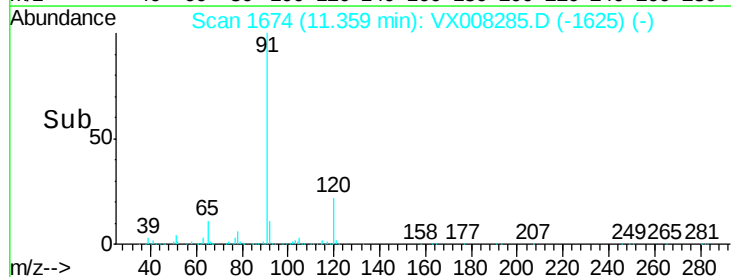
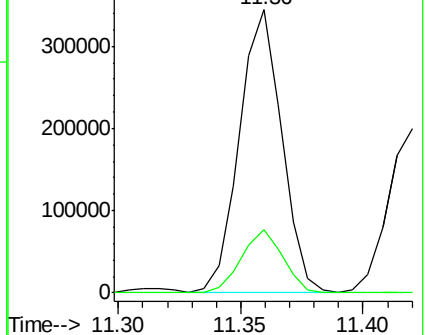
91 100

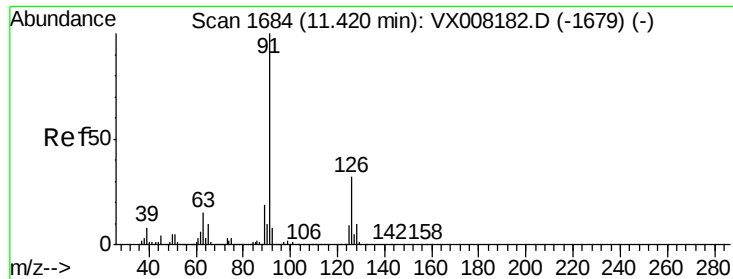
120 22.2 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

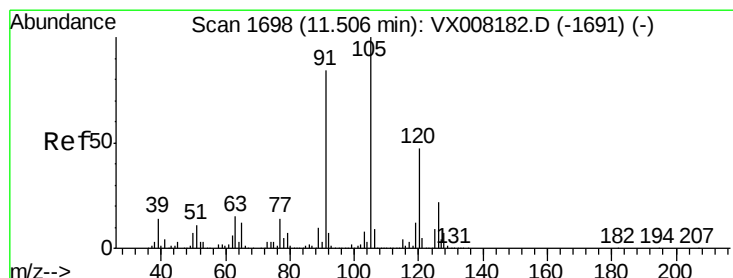
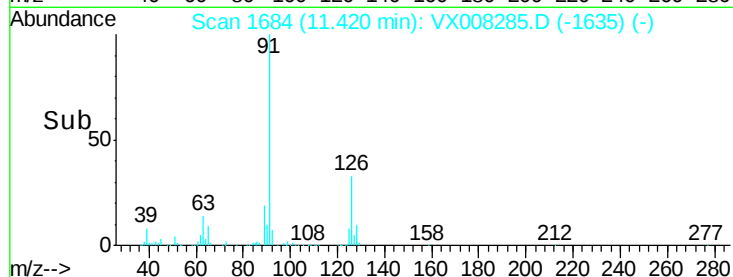
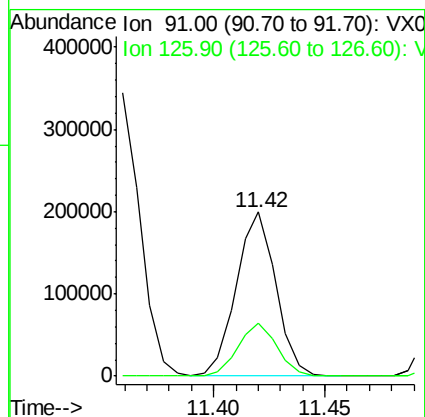
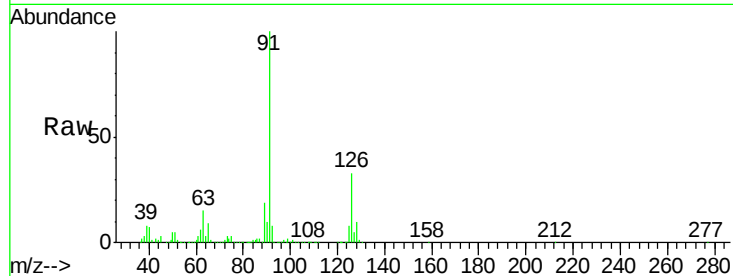




#79
2-Chlorotoluene
Concen: 21.352 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VX008285.D
Acq: 21 Mar 2019 12:53

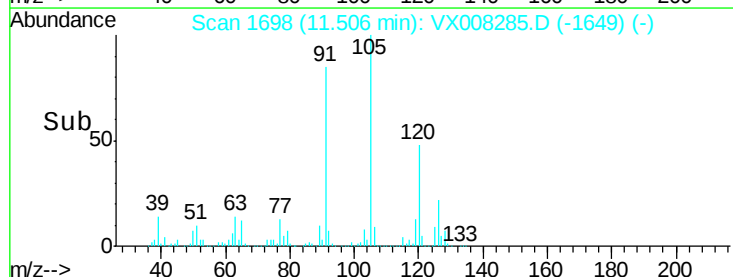
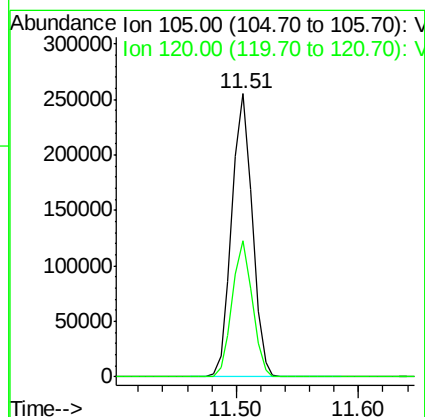
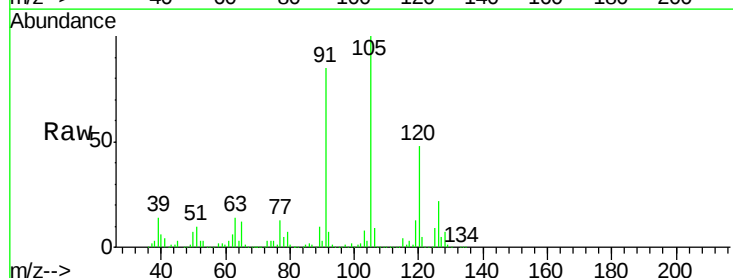
Instrument :
MSVOA_X
ClientSampleId :
VX0321WBS01

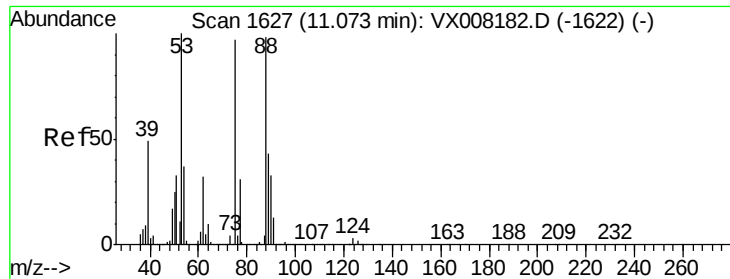
Tot Ion: 91 Resp: 245733
Ion Ratio Lower Upper
91 100
126 32.5 17.5 52.6



#80
1,3,5-Trimethylbenzene
Concen: 21.550 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX008285.D
Acq: 21 Mar 2019 12:53

Tgt Ion: 105 Resp: 293914
Ion Ratio Lower Upper
105 100
120 47.3 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 19.292 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX008285.D

Acq: 21 Mar 2019 12:53

Instrument :

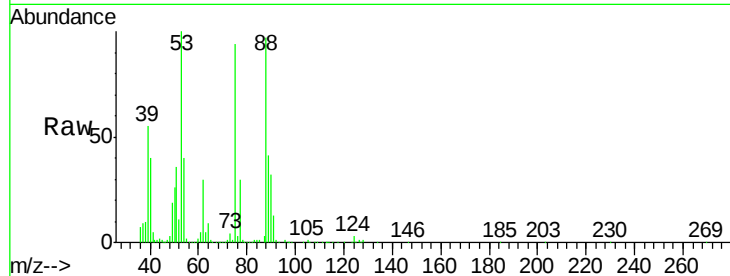
MSVOA_X

ClientSampled :

VX0321WBS01

Tot Ion: 75 Resp: 37565

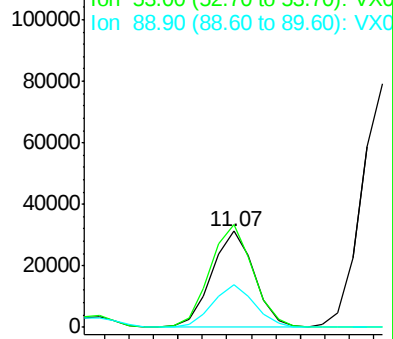
Ion	Ratio	Lower	Upper
75	100		
53	108.8	76.1	114.1
89	44.8	36.3	54.5



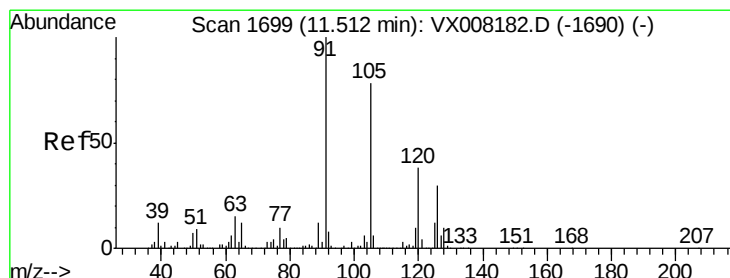
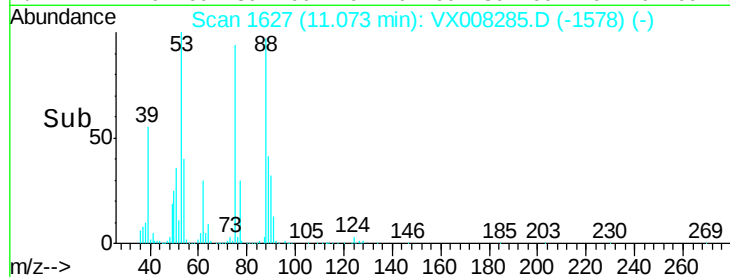
Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



Time-->



#82

4-Chlorotoluene

Concen: 21.096 ug/l

RT: 11.51 min Scan# 1699

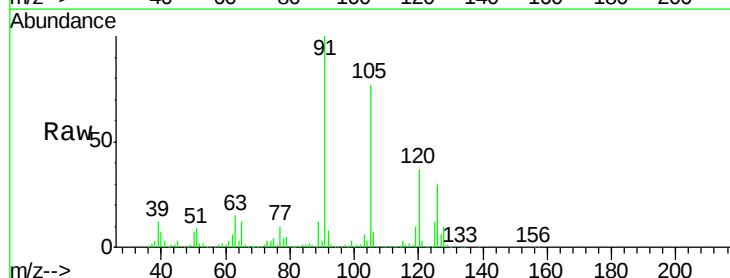
Delta R.T. -0.00 min

Lab File: VX008285.D

Acq: 21 Mar 2019 12:53

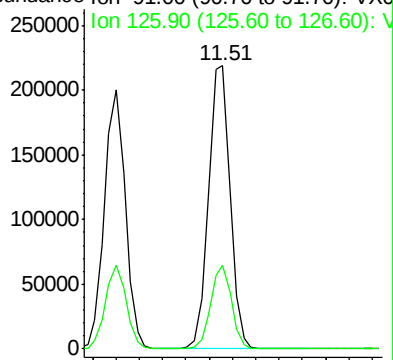
Tgt Ion: 91 Resp: 282525

Ion	Ratio	Lower	Upper
91	100		
126	28.6	15.6	46.8

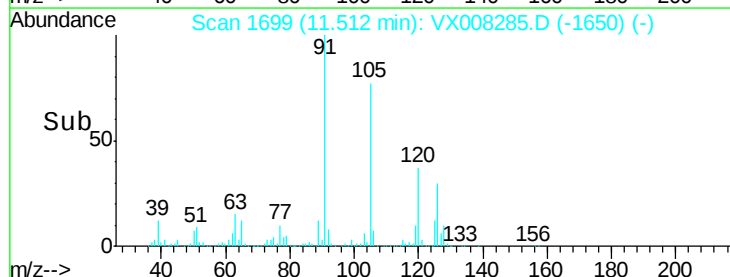


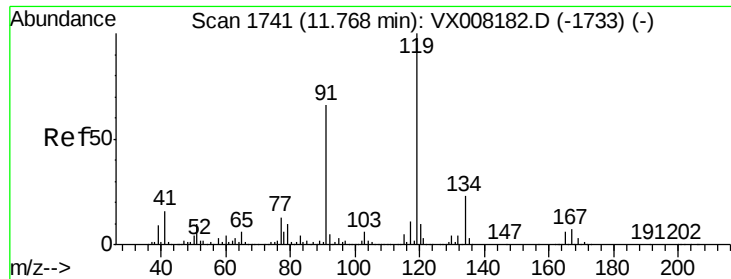
Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



Time-->

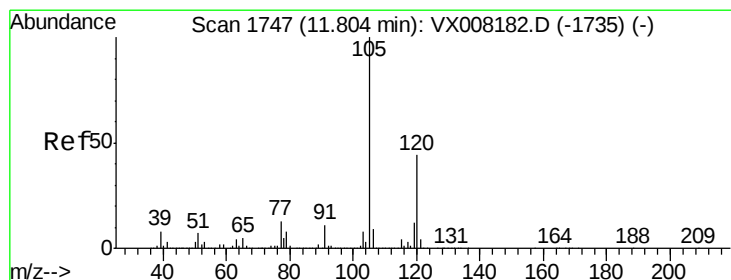
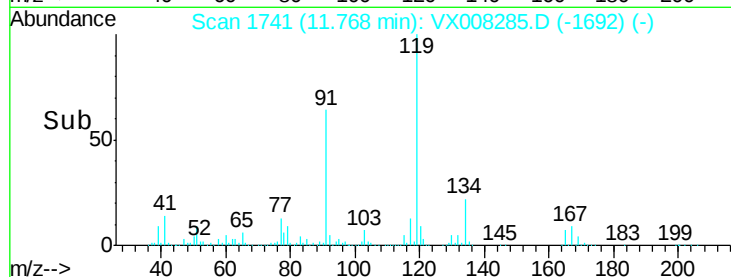
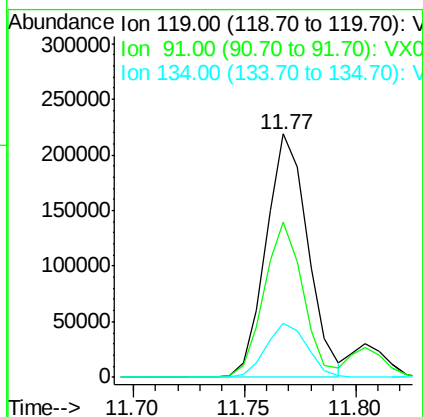
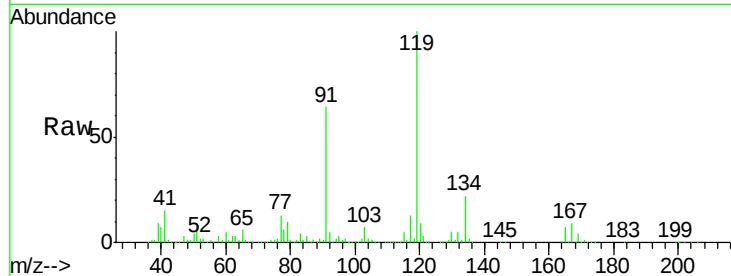




#83
tert-Butylbenzene
Concen: 21.886 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX008285.D
Acq: 21 Mar 2019 12:53

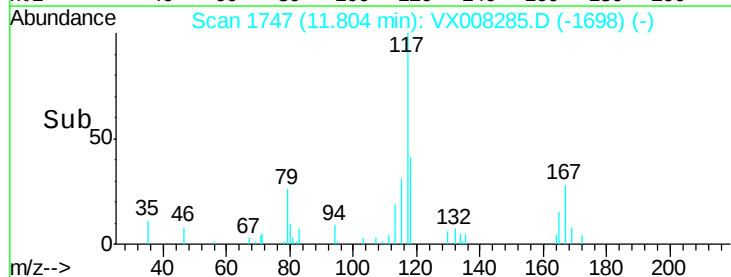
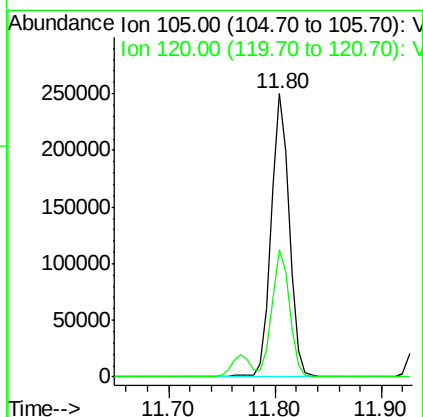
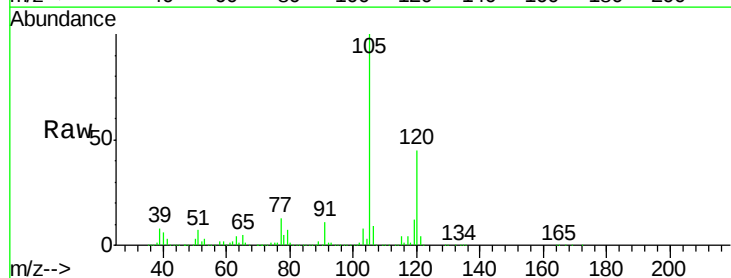
Instrument :
MSVOA_X
ClientSampled :
VX0321WBS01

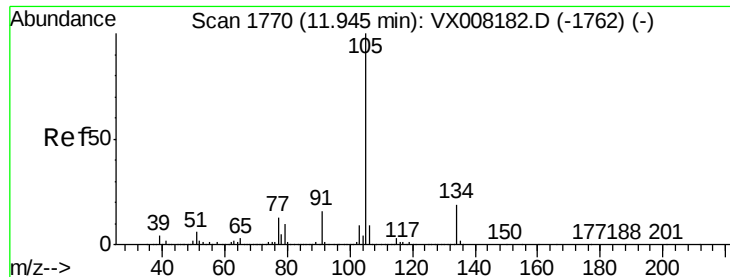
Tot Ion:119 Resp: 284992
Ion Ratio Lower Upper
119 100
91 60.1 27.1 81.3
134 22.1 11.4 34.1



#84
1,2,4-Trimethylbenzene
Concen: 21.548 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX008285.D
Acq: 21 Mar 2019 12:53

Tgt Ion:105 Resp: 297935
Ion Ratio Lower Upper
105 100
120 44.3 22.6 67.7





#85

sec-Butylbenzene

Concen: 22.156 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008285.D

Acq: 21 Mar 2019 12:53

Instrument :

MSVOA_X

ClientSampleId :

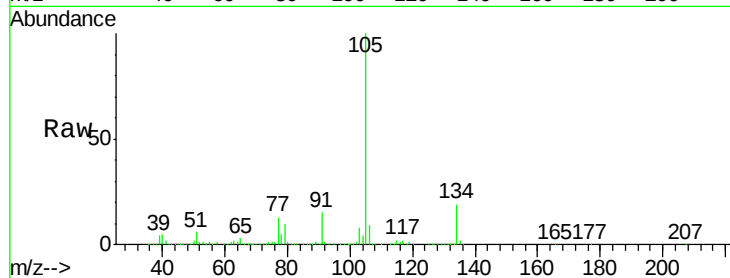
VX0321WBS01

Tot Ion:105 Resp: 357280

Ion Ratio Lower Upper

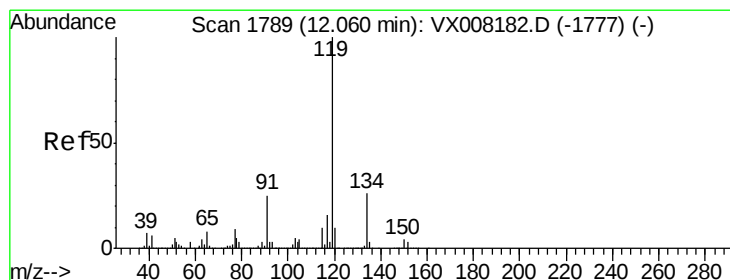
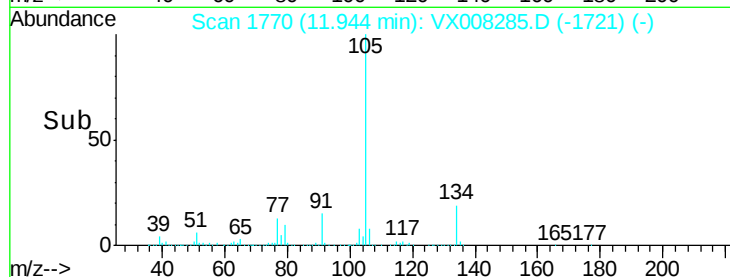
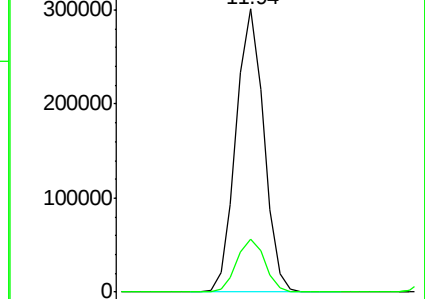
105 100

134 19.2 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: 22.038 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008285.D

Acq: 21 Mar 2019 12:53

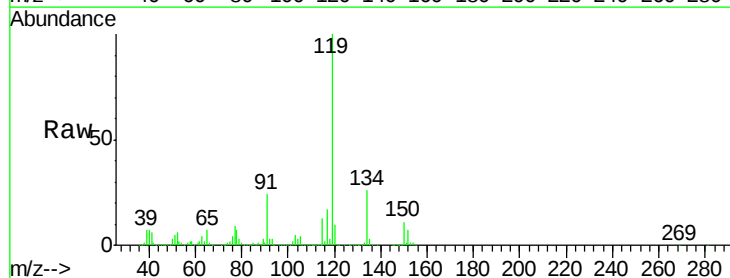
Tgt Ion:119 Resp: 307610

Ion Ratio Lower Upper

119 100

134 26.1 13.3 39.9

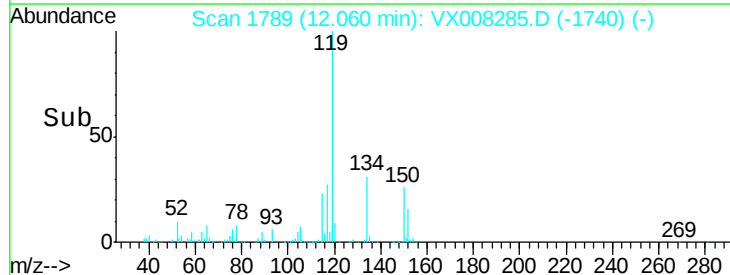
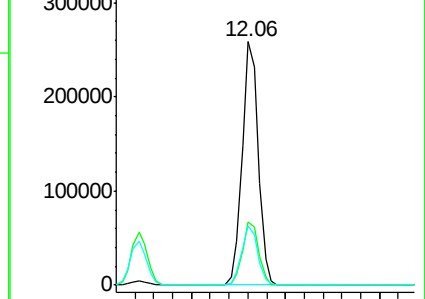
91 24.2 10.9 32.7

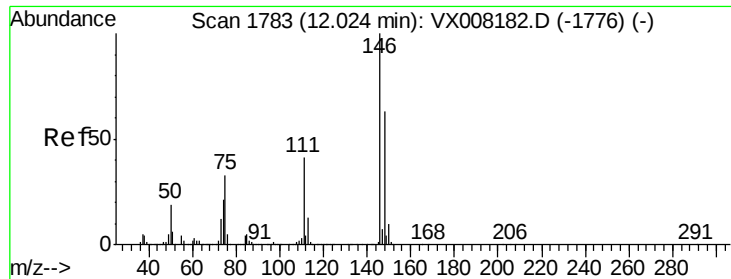


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

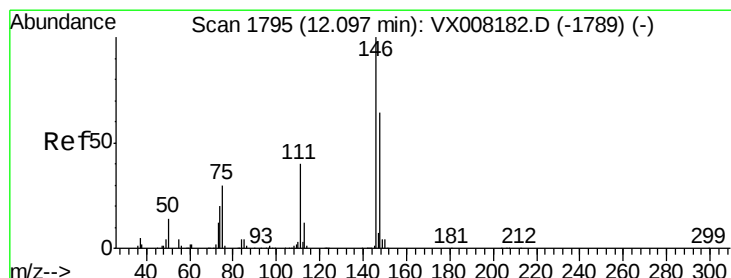
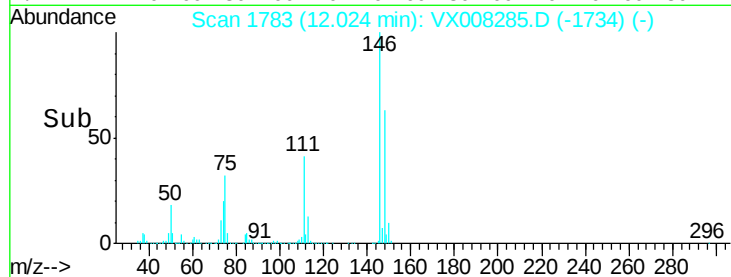
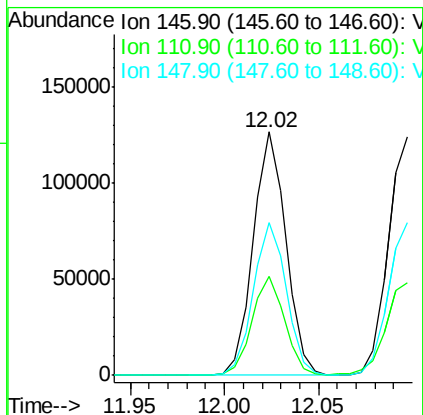
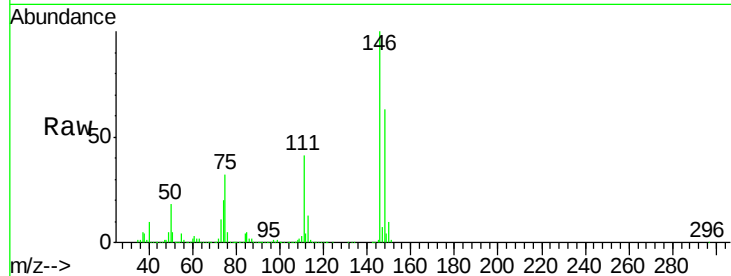




#87
 1,3-Dichlorobenzene
 Concen: 21.314 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008285.D
 Acq: 21 Mar 2019 12:53

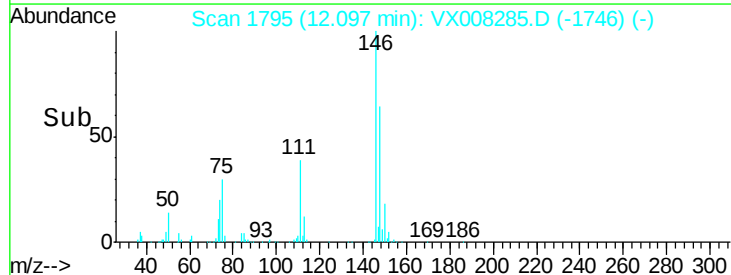
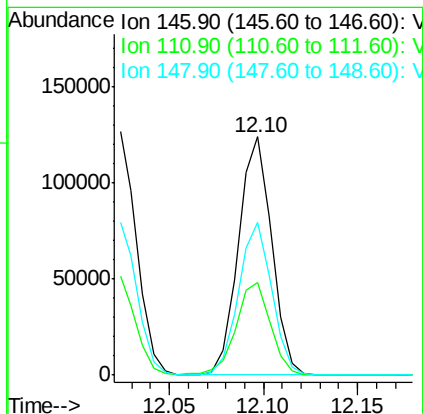
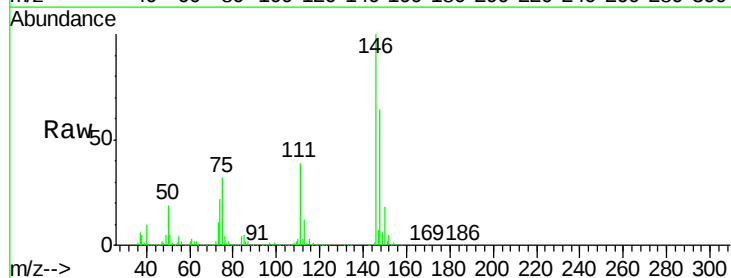
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBS01

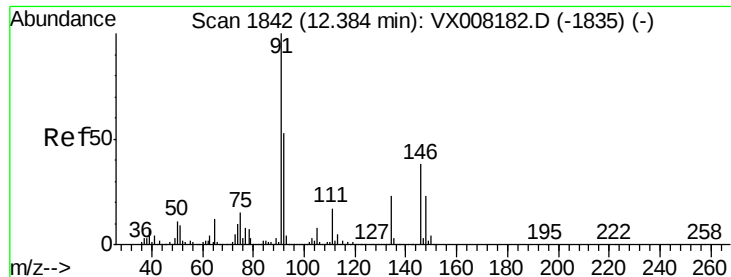
Tot Ion:146 Resp: 152039
 Ion Ratio Lower Upper
 146 100
 111 40.7 18.9 56.7
 148 63.1 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 20.482 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008285.D
 Acq: 21 Mar 2019 12:53

Tgt Ion:146 Resp: 151131
 Ion Ratio Lower Upper
 146 100
 111 40.6 18.4 55.0
 148 64.0 32.2 96.6

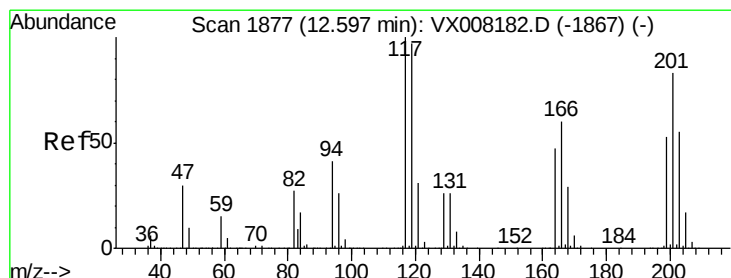
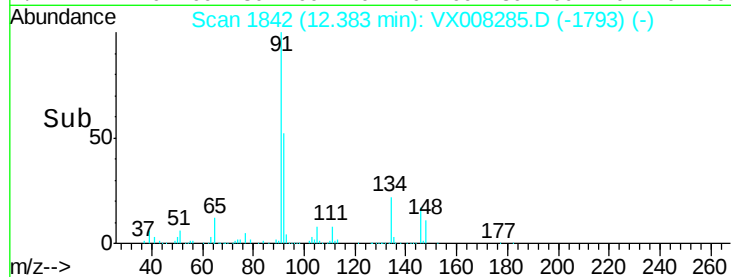
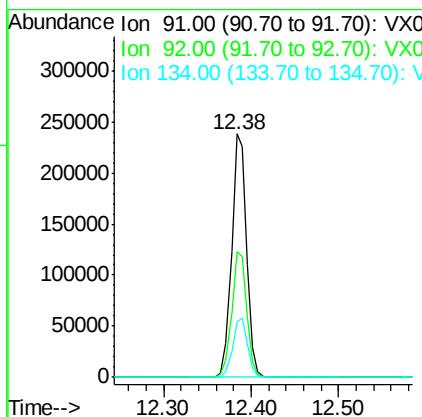
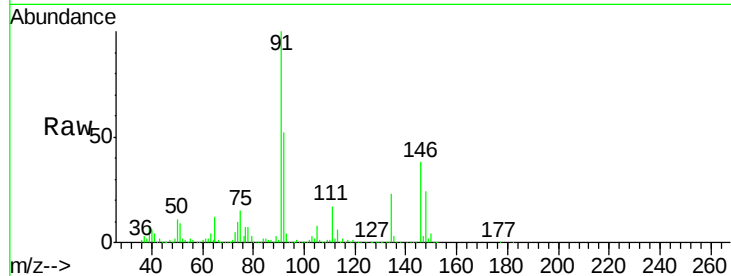




#89
n-Butylbenzene
Concen: 21.586 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX008285.D
Acq: 21 Mar 2019 12:53

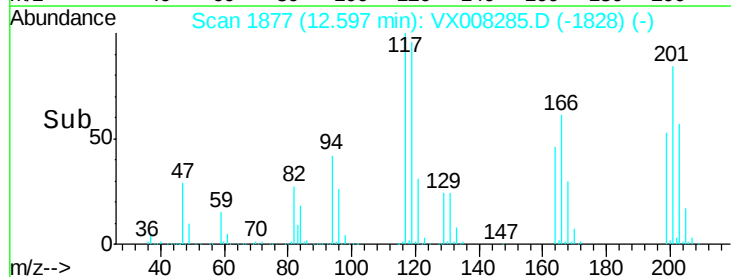
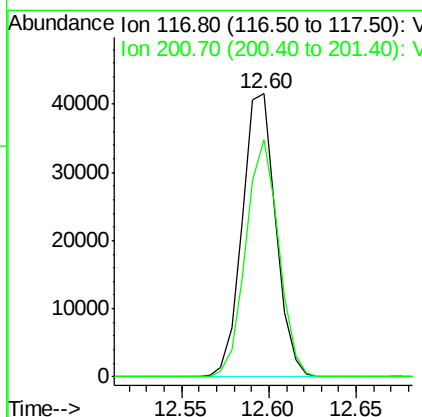
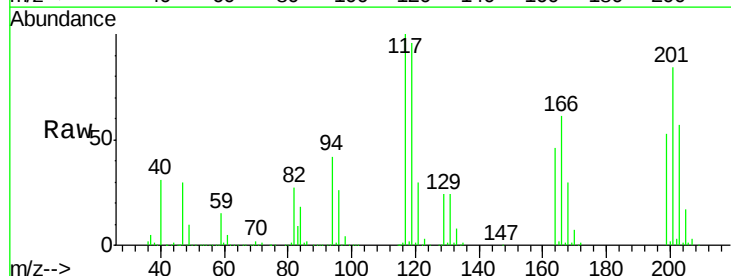
Instrument :
MSVOA_X
ClientSampleId :
VX0321WBS01

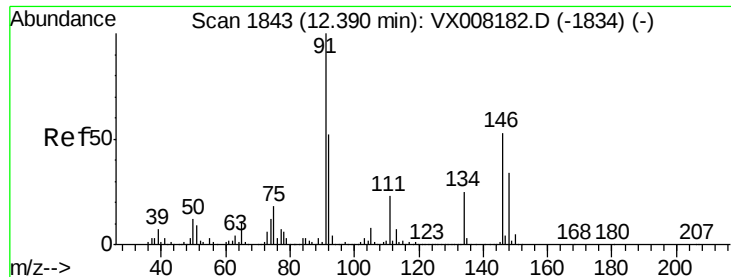
Tot Ion: 91 Resp: 282800
Ion Ratio Lower Upper
91 100
92 52.1 27.0 80.8
134 24.5 13.7 41.0



#90
Hexachloroethane
Concen: 23.313 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008285.D
Acq: 21 Mar 2019 12:53

Tgt Ion: 117 Resp: 55420
Ion Ratio Lower Upper
117 100
201 82.0 48.9 146.7





#91

1,2-Dichlorobenzene

Concen: 20.810 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX008285.D

Acq: 21 Mar 2019 12:53

Instrument :

MSVOA_X

ClientSampleId :

VX0321WBS01

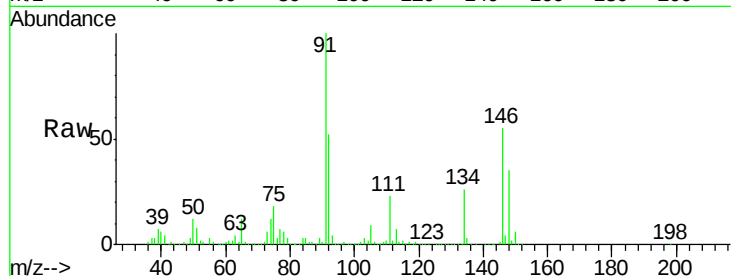
Tot Ion:146 Resp: 149678

Ion Ratio Lower Upper

146 100

111 42.3 19.6 58.8

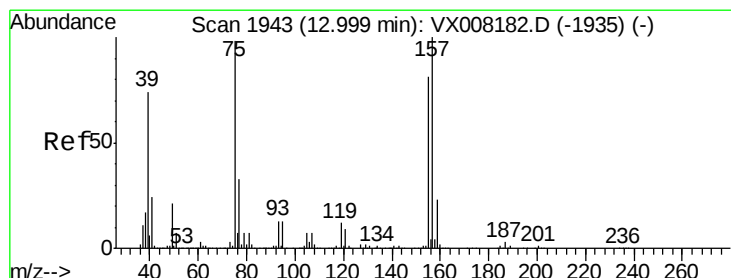
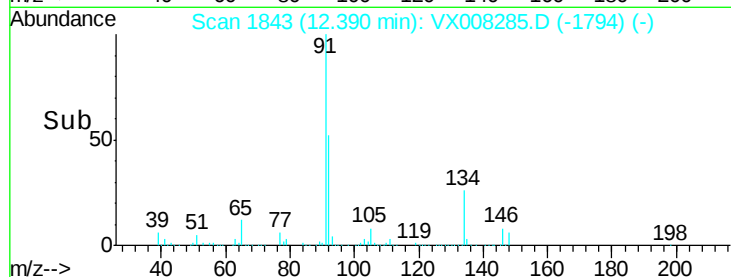
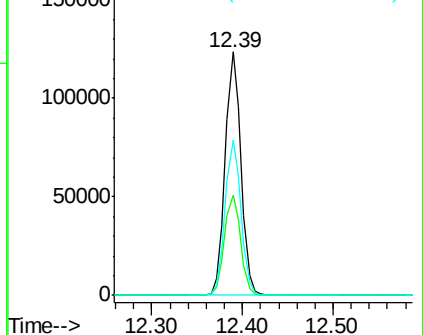
148 64.1 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.242 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX008285.D

Acq: 21 Mar 2019 12:53

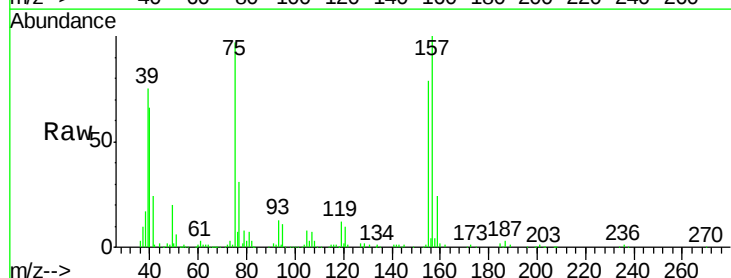
Tgt Ion: 75 Resp: 26615

Ion Ratio Lower Upper

75 100

155 81.7 49.7 149.1

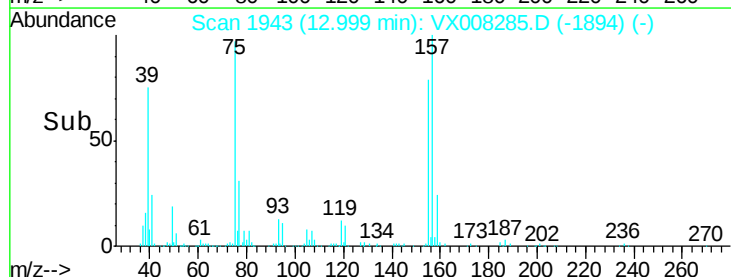
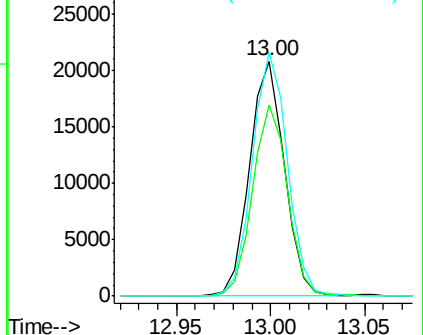
157 104.7 63.8 191.4

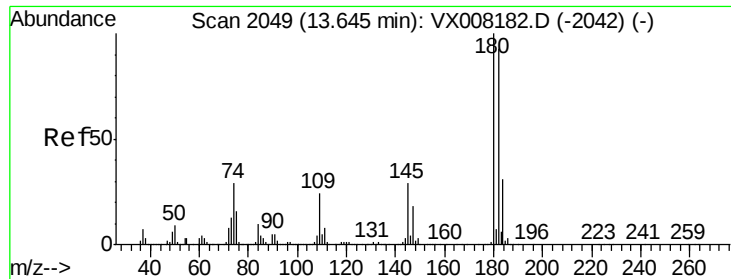


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

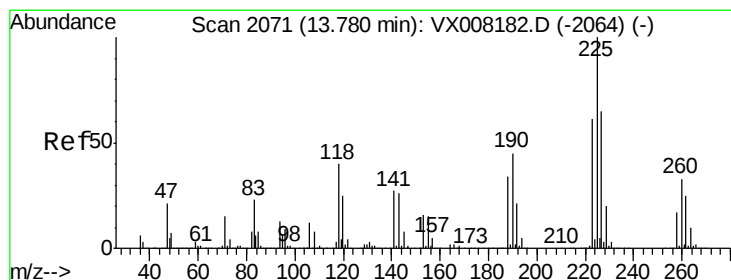
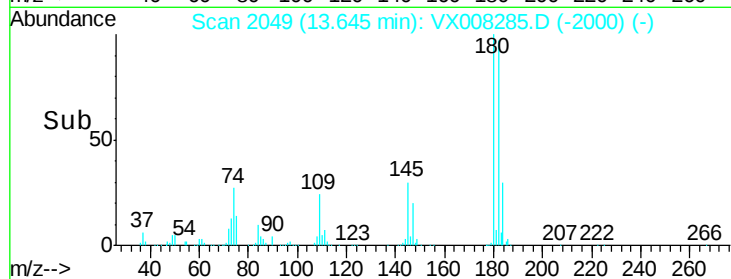
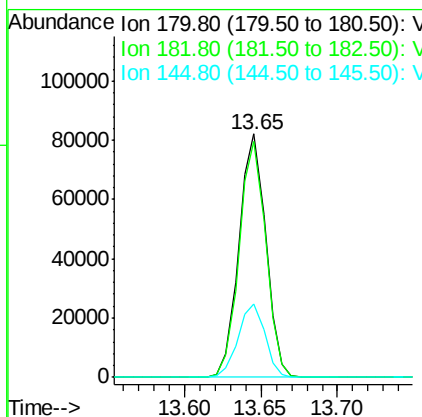
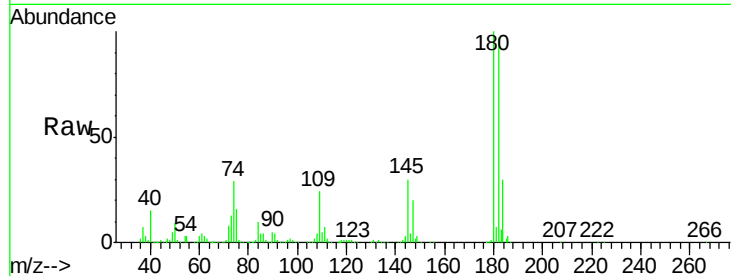




#93
 1,2,4-Trichlorobenzene
 Concen: 21.107 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008285.D
 Acq: 21 Mar 2019 12:53

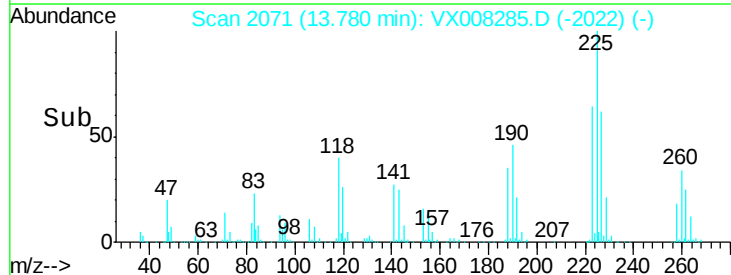
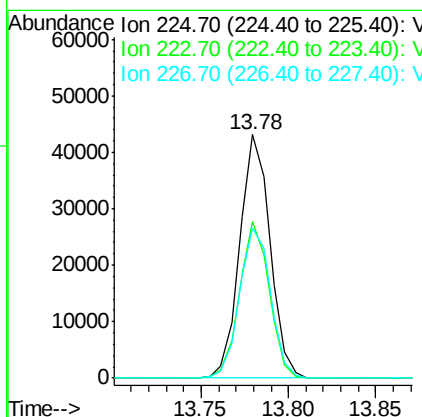
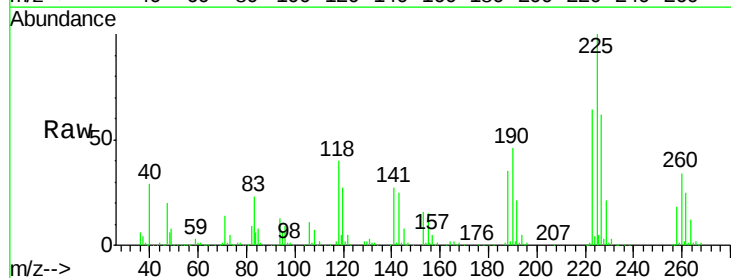
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBS01

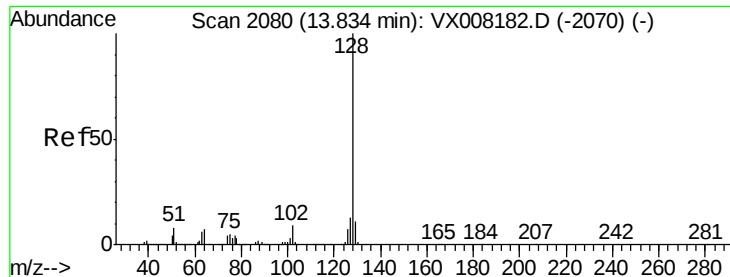
Tot Ion:180 Resp: 99996
 Ion Ratio Lower Upper
 180 100
 182 96.2 47.9 143.7
 145 30.2 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 22.436 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008285.D
 Acq: 21 Mar 2019 12:53

Tgt Ion:225 Resp: 51841
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.1 93.2
 227 63.0 32.0 96.0





#95

Naphthalene

Concen: 21.333 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008285.D

Acq: 21 Mar 2019 12:53

Instrument :

MSVOA_X

ClientSampleId :

VX0321WBS01

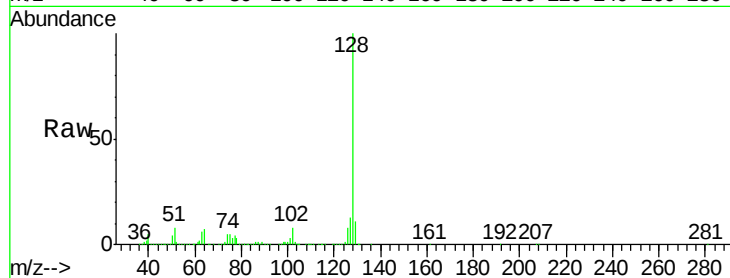
Tot Ion:128 Resp: 318991

Ion Ratio Lower Upper

128 100

127 13.4 10.3 15.5

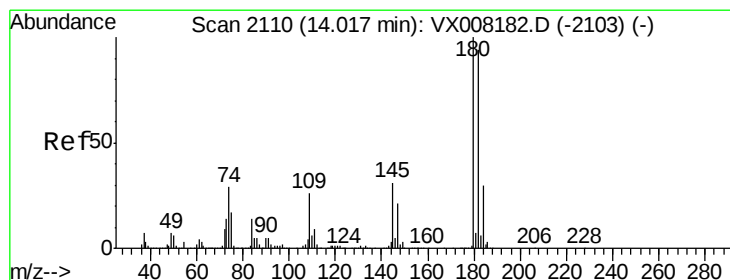
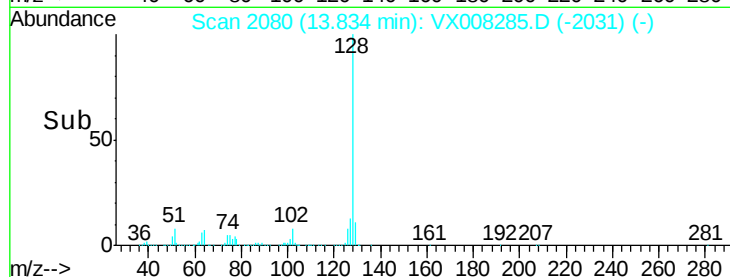
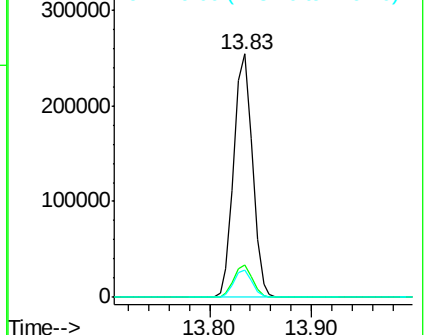
129 11.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 21.296 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX008285.D

Acq: 21 Mar 2019 12:53

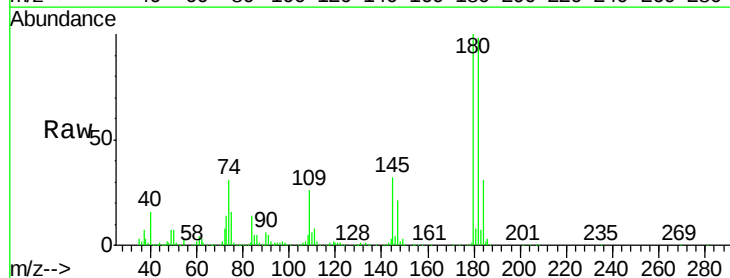
Tgt Ion:180 Resp: 99275

Ion Ratio Lower Upper

180 100

182 97.2 47.5 142.5

145 31.9 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

