

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052920\
 Data File : VX016503.D
 Acq On : 29 May 2020 12:09
 Operator : JC/SP
 Sample : VX0529WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0529WBS01

Quant Time: May 30 01:40:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	319247	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	497982	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	449522	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	220285	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	185180	46.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.42%	
35) Dibromofluoromethane	5.46	113	142946	46.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.24%	
50) Toluene-d8	8.70	98	572258	47.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.90%	
62) 4-Bromofluorobenzene	11.12	95	210854	45.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.44%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	56280	17.914	ug/l 96
3) Chloromethane	1.32	50	68586	18.065	ug/l 98
4) Vinyl Chloride	1.39	62	70610	17.586	ug/l 97
5) Bromomethane	1.63	94	45139	23.122	ug/l 100
6) Chloroethane	1.72	64	43066	18.388	ug/l 99
7) Trichlorofluoromethane	1.92	101	94244	17.873	ug/l 100
8) Diethyl Ether	2.17	74	38386	17.458	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	52661	18.146	ug/l 99
10) Methyl Iodide	2.50	142	52752	17.340	ug/l 100
11) Tert butyl alcohol	3.01	59	82021	80.677	ug/l 99
12) 1,1-Dichloroethene	2.36	96	53834	17.525	ug/l 95
13) Acrolein	2.27	56	38017	87.906	ug/l 94
14) Allyl chloride	2.71	41	98040	17.354	ug/l 99
15) Acrylonitrile	3.11	53	180005	86.435	ug/l 99
16) Acetone	2.42	43	151737	87.356	ug/l 99
17) Carbon Disulfide	2.55	76	158748	17.402	ug/l 99
18) Methyl Acetate	2.75	43	78122	17.536	ug/l 99
19) Methyl tert-butyl Ether	3.17	73	197545	17.909	ug/l 100
20) Methylene Chloride	2.84	84	62799	17.474	ug/l 99
21) trans-1,2-Dichloroethene	3.14	96	60698	17.864	ug/l 98
22) Diisopropyl ether	3.82	45	195453	18.010	ug/l 98
23) Vinyl Acetate	3.78	43	849230	89.400	ug/l 99
24) 1,1-Dichloroethane	3.67	63	109217	17.830	ug/l 99
25) 2-Butanone	4.63	43	248380	84.389	ug/l 99
26) 2,2-Dichloropropane	4.55	77	99078	19.767	ug/l 100
27) cis-1,2-Dichloroethene	4.56	96	69601	17.706	ug/l 99
28) Bromochloromethane	4.98	49	51467	18.081	ug/l 98
29) Tetrahydrofuran	5.09	42	165755	87.171	ug/l 100
30) Chloroform	5.18	83	109952	17.815	ug/l 99
31) Cyclohexane	5.55	56	97592	17.710	ug/l 98
32) 1,1,1-Trichloroethane	5.46	97	100374	17.964	ug/l 99
36) 1,1-Dichloropropene	5.77	75	82575	17.513	ug/l 99
37) Ethyl Acetate	4.79	43	94857	16.757	ug/l 97
38) Carbon Tetrachloride	5.76	117	87983	17.757	ug/l 98

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Instrument :
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 ClientSampleId :
 VX0529WBS01

Quant Time: May 30 01:40:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	96123	18.770	ug/l	97
40) Benzene	6.11	78	251329	17.900	ug/l	100
41) Methacrylonitrile	5.00	41	51148	16.450	ug/l	97
42) 1,2-Dichloroethane	6.16	62	89133	17.851	ug/l	99
43) Isopropyl Acetate	6.41	43	153066	17.335	ug/l	99
44) Trichloroethene	7.19	130	80226	18.009	ug/l	99
45) 1,2-Dichloropropane	7.49	63	64270	17.980	ug/l	100
46) Dibromomethane	7.63	93	42390	17.656	ug/l	99
47) Bromodichloromethane	7.88	83	87823	17.666	ug/l	94
48) Methyl methacrylate	7.74	41	71293	16.863	ug/l	99
49) 1,4-Dioxane	7.71	88	32685	330.360	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	478060	86.953	ug/l	100
52) Toluene	8.76	92	159463	18.010	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	100862	17.843	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	107684	17.997	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	61097	17.355	ug/l	98
56) Ethyl methacrylate	9.16	69	99803	17.407	ug/l	99
57) 1,3-Dichloropropane	9.35	76	107616	17.810	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	265962	88.873	ug/l	100
59) 2-Hexanone	9.47	43	370407	86.635	ug/l	100
60) Dibromochloromethane	9.57	129	68012	17.167	ug/l	100
61) 1,2-Dibromoethane	9.65	107	66184	17.556	ug/l	99
64) Tetrachloroethene	9.32	164	93151	18.522	ug/l	96
65) Chlorobenzene	10.12	112	165295	18.036	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	62121	17.757	ug/l	99
67) Ethyl Benzene	10.23	91	296315	18.160	ug/l	98
68) m/p-Xylenes	10.34	106	223637	36.966	ug/l	100
69) o-Xylene	10.68	106	106242	18.133	ug/l	99
70) Styrene	10.70	104	183009	18.172	ug/l	99
71) Bromoform	10.84	173	52076	17.614	ug/l #	100
73) Isopropylbenzene	11.00	105	281063	18.415	ug/l	100
74) N-amyl acetate	10.88	43	126038	17.953	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	65603	17.150	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	114899	23.730	ug/l	83
77) Bromobenzene	11.24	156	72504	18.111	ug/l	100
78) n-propylbenzene	11.34	91	310616	18.216	ug/l	99
79) 2-Chlorotoluene	11.40	91	192469	18.491	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	235488	18.478	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	34602	17.579	ug/l	99
82) 4-Chlorotoluene	11.49	91	226563	18.433	ug/l	100
83) tert-Butylbenzene	11.76	119	199294	18.301	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	240213	18.637	ug/l	99
85) sec-Butylbenzene	11.93	105	246265	18.027	ug/l	100
86) p-Isopropyltoluene	12.05	119	239200	18.693	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	125976	18.164	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	127991	18.044	ug/l	98
89) n-Butylbenzene	12.37	91	194088	18.210	ug/l	100
90) Hexachloroethane	12.58	117	39901	18.052	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	119276	17.751	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	21039	16.980	ug/l	96

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Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration

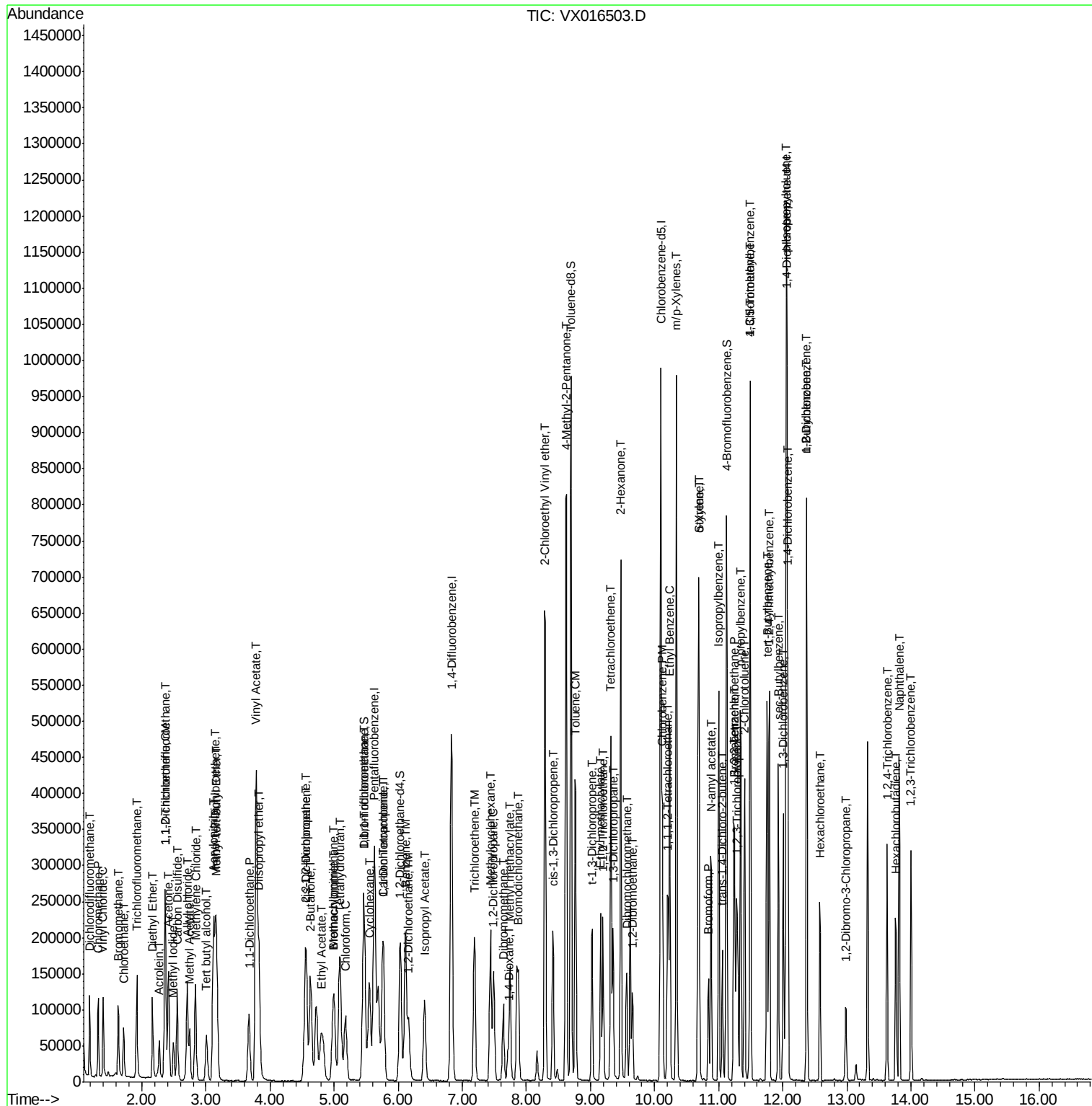
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	79769	17.875	ug/l	100
94) Hexachlorobutadiene	13.76	225	34264	19.556	ug/l	98
95) Naphthalene	13.82	128	267869	17.510	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	77751	17.784	ug/l	100

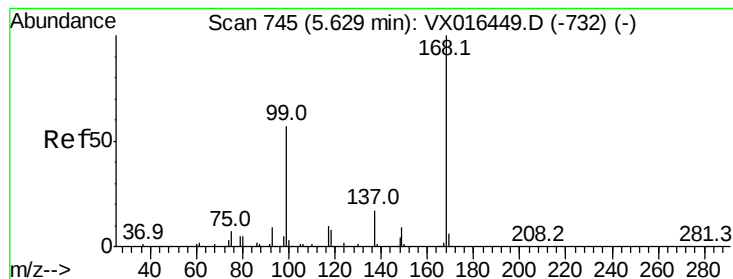
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX052920\
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Sample : VX0529WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

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Quant Time: May 30 01:40:52 2020
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Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX016503.D

Acq: 29 May 2020 12:09

Instrument :

MSVOA_X

ClientSampleId :

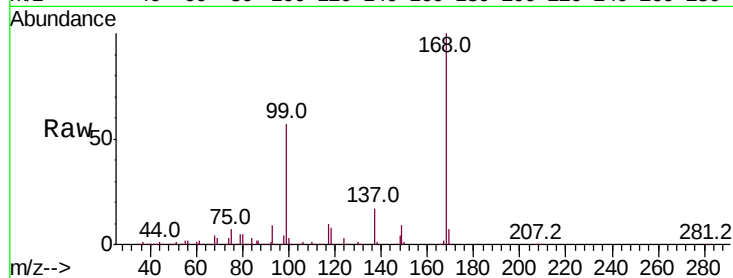
VX0529WBS01

Tot Ion:168 Resp: 319247

Ion Ratio Lower Upper

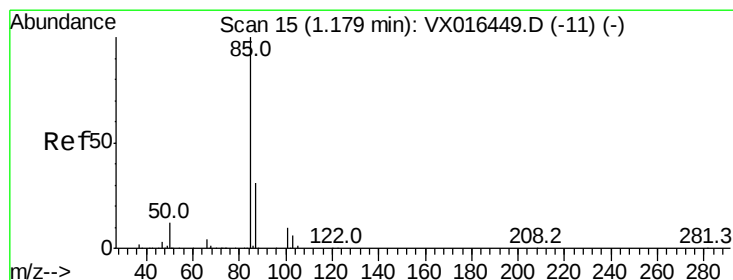
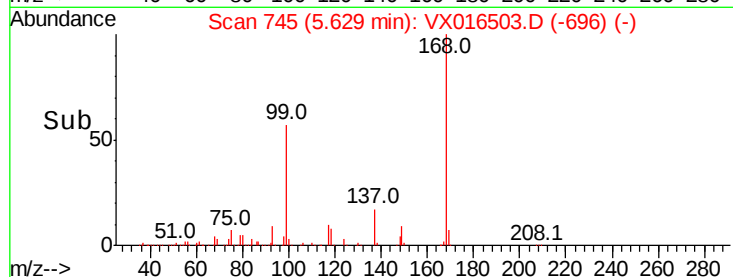
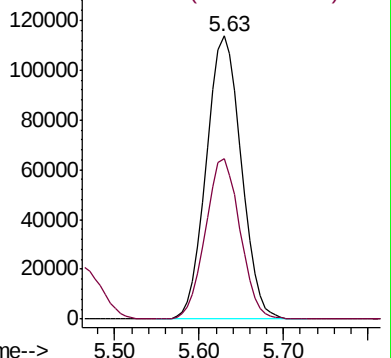
168 100

99 56.5 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 17.914 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.01 min

Lab File: VX016503.D

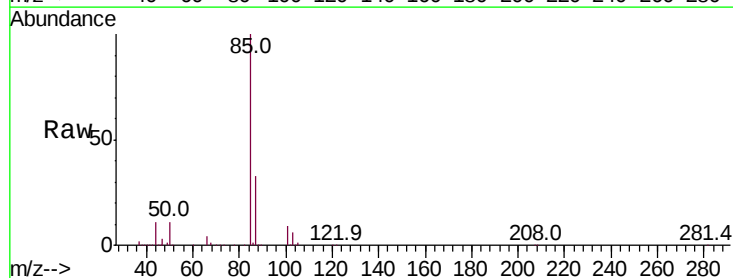
Acq: 29 May 2020 12:09

Tgt Ion: 85 Resp: 56280

Ion Ratio Lower Upper

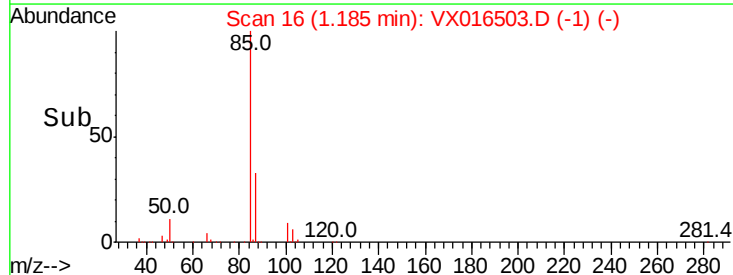
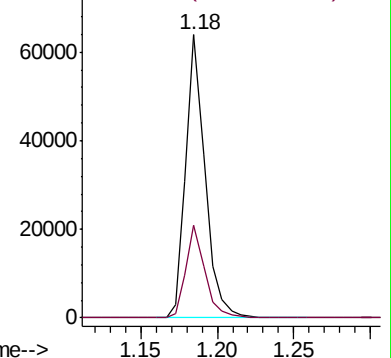
85 100

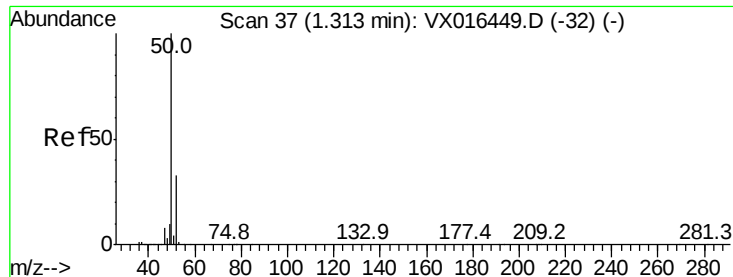
87 32.8 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.065 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX016503.D

Acq: 29 May 2020 12:09

Instrument :

MSVOA_X

ClientSampleId :

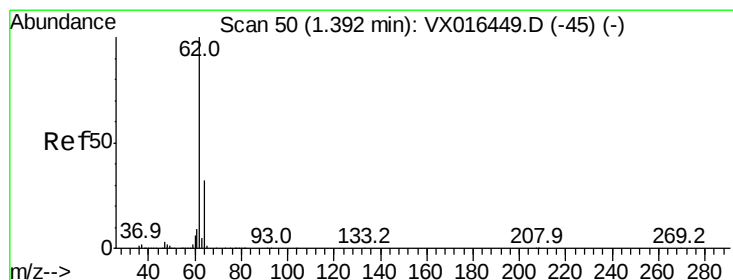
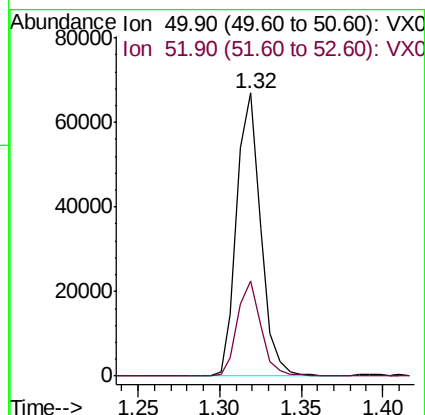
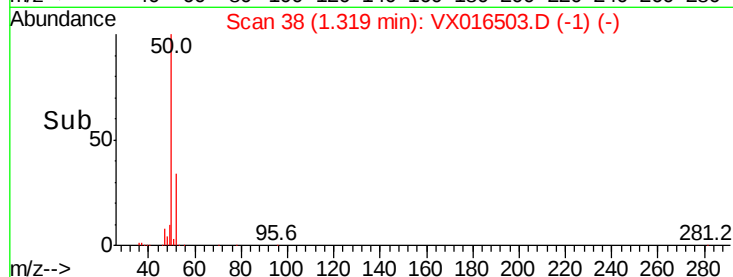
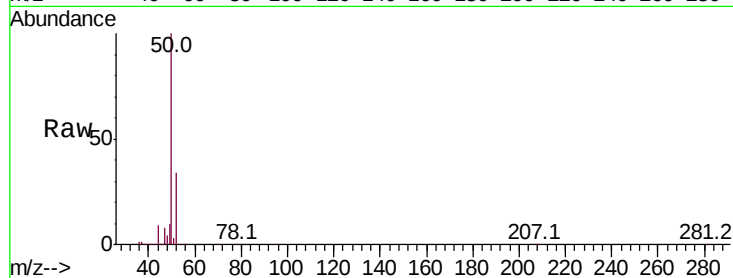
VX0529WBS01

Tot Ion: 50 Resp: 68586

Ion Ratio Lower Upper

50 100

52 33.6 26.2 39.2



#4

Vinyl Chloride

Concen: 17.586 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016503.D

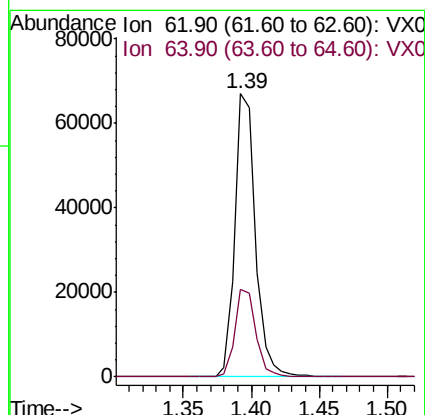
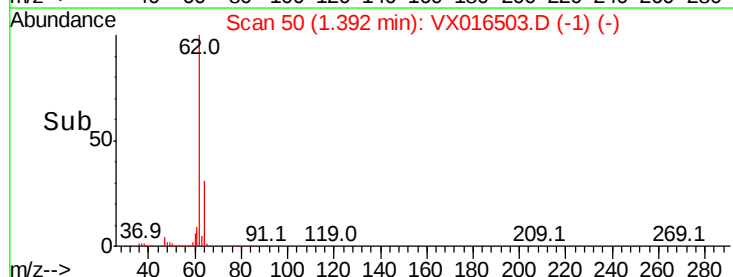
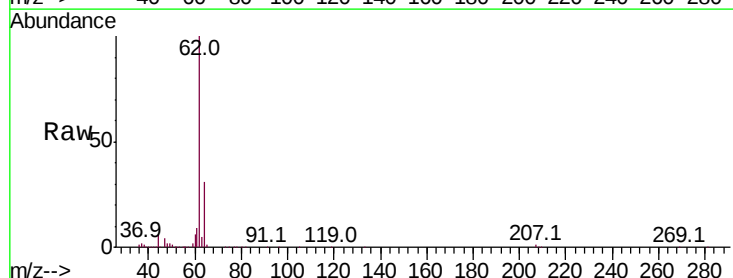
Acq: 29 May 2020 12:09

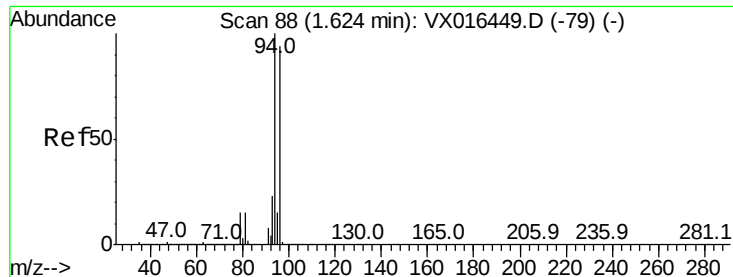
Tgt Ion: 62 Resp: 70610

Ion Ratio Lower Upper

62 100

64 30.7 25.9 38.9





#5

Bromomethane

Concen: 23.122 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016503.D

Acq: 29 May 2020 12:09

Instrument :

MSVOA_X

ClientSampleId :

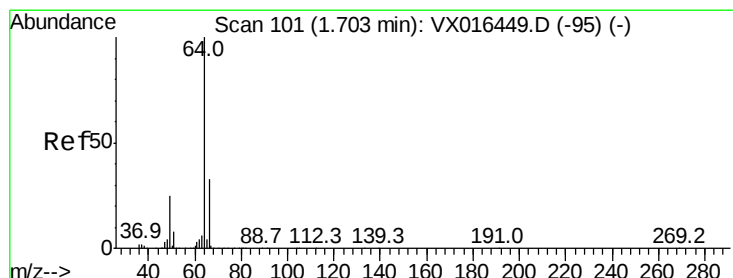
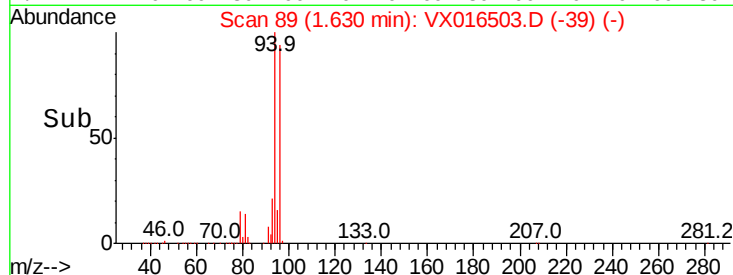
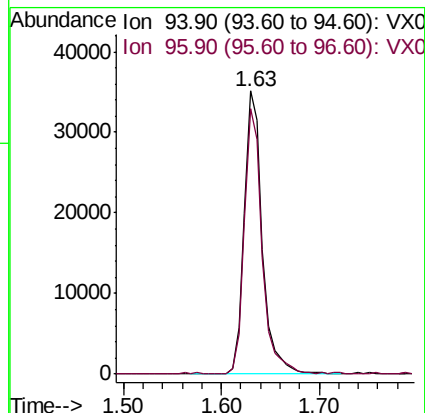
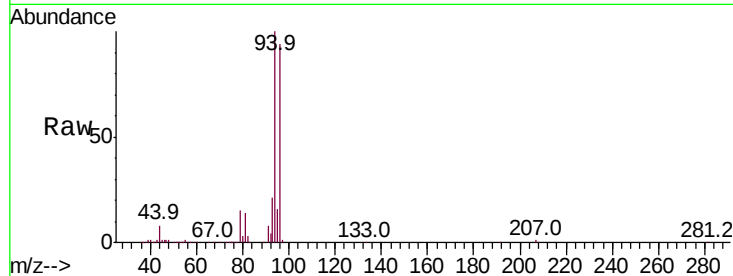
VX0529WBS01

Tot Ion: 94 Resp: 45139

Ion Ratio Lower Upper

94 100

96 93.4 75.1 112.7



#6

Chloroethane

Concen: 18.388 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX016503.D

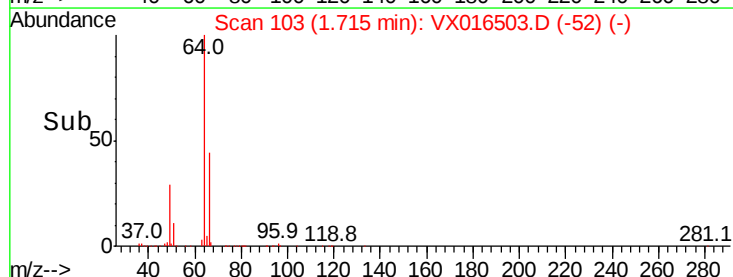
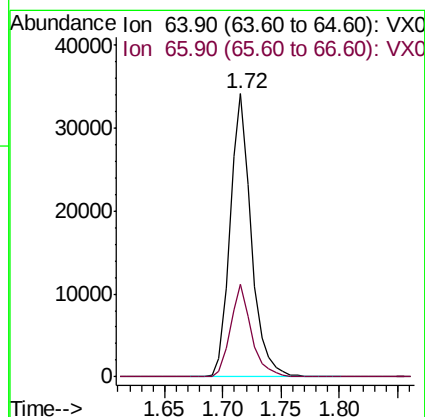
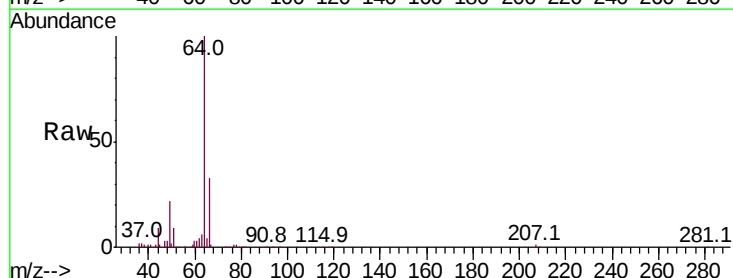
Acq: 29 May 2020 12:09

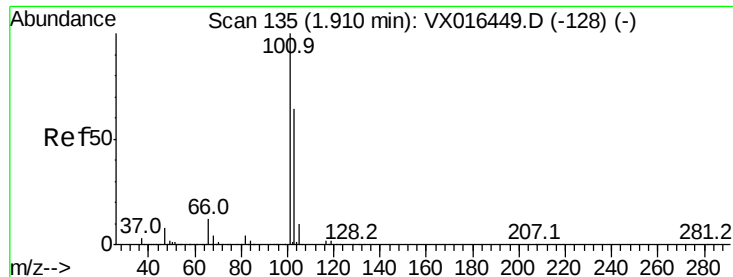
Tgt Ion: 64 Resp: 43066

Ion Ratio Lower Upper

64 100

66 32.9 26.7 40.1



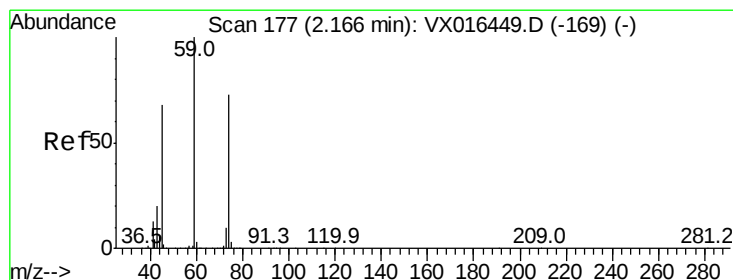
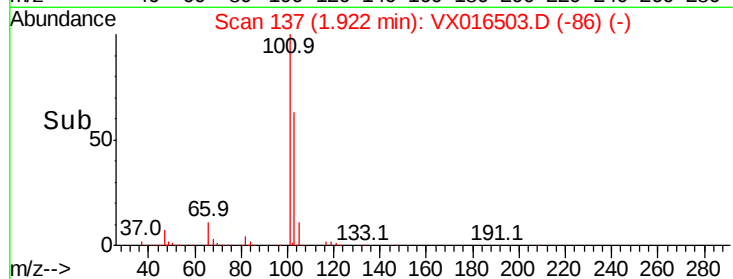
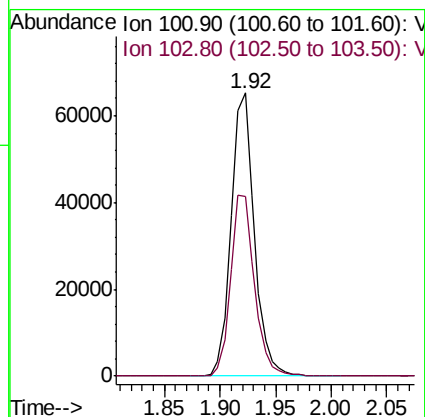
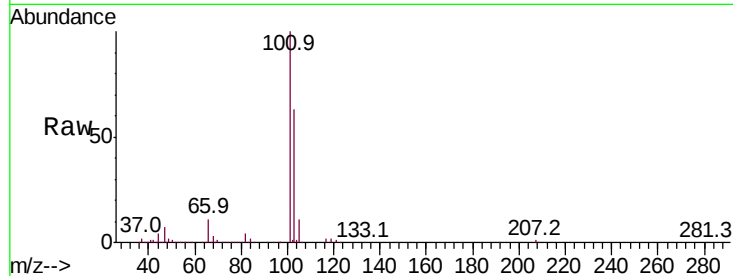


#7

Trichlorofluoromethane
Concen: 17.873 ug/l
RT: 1.92 min Scan# 137
Delta R.T. 0.01 min
Lab File: VX016503.D
Acq: 29 May 2020 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX0529WBS01

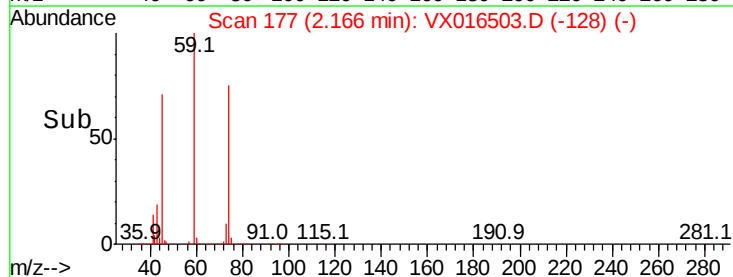
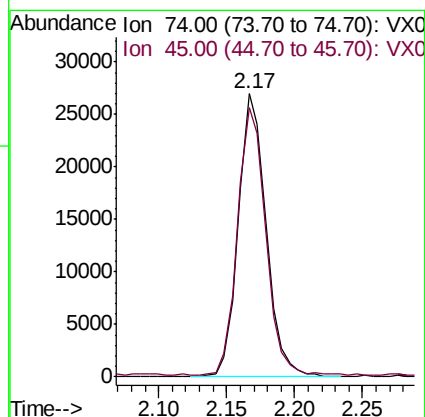
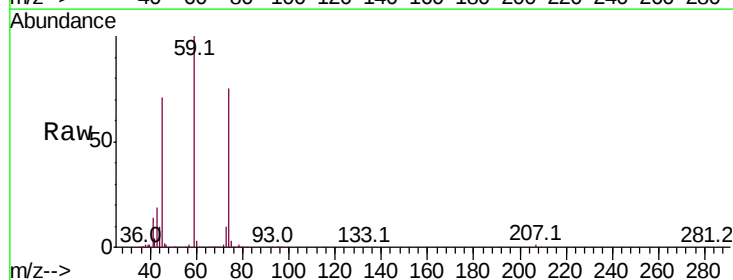
Tot Ion:101 Resp: 94244
Ion Ratio Lower Upper
101 100
103 63.4 50.9 76.3

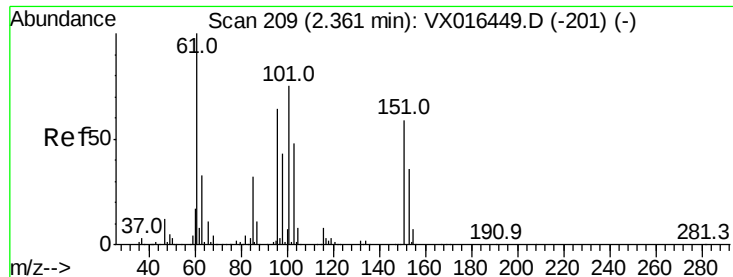


#8

Diethyl Ether
Concen: 17.458 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX016503.D
Acq: 29 May 2020 12:09

Tgt Ion: 74 Resp: 38386
Ion Ratio Lower Upper
74 100
45 96.0 47.5 142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.146 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016503.D

Acq: 29 May 2020 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0529WBS01

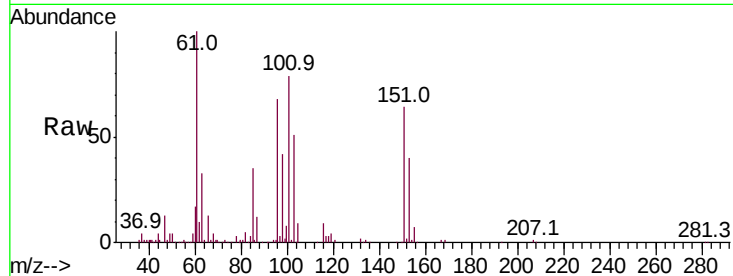
Tot Ion:101 Resp: 52661

Ion Ratio Lower Upper

101 100

85 43.3 34.4 51.6

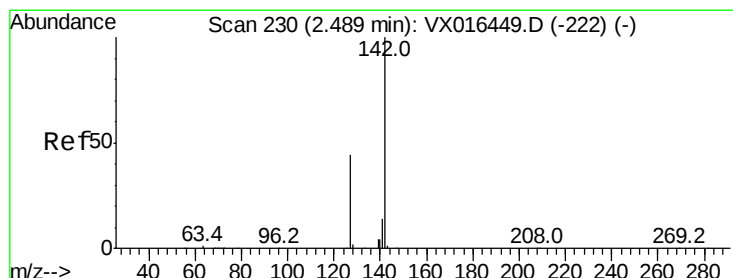
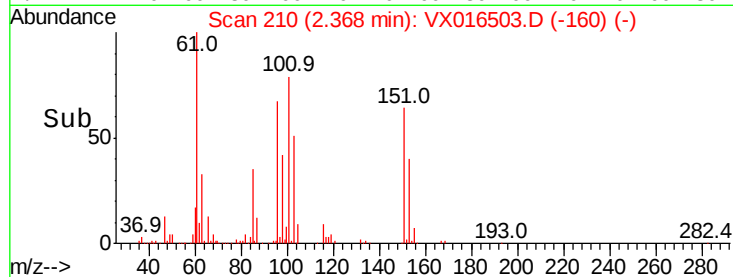
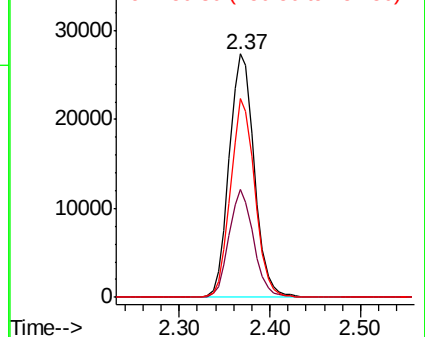
151 79.2 63.8 95.6



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: 17.340 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX016503.D

Acq: 29 May 2020 12:09

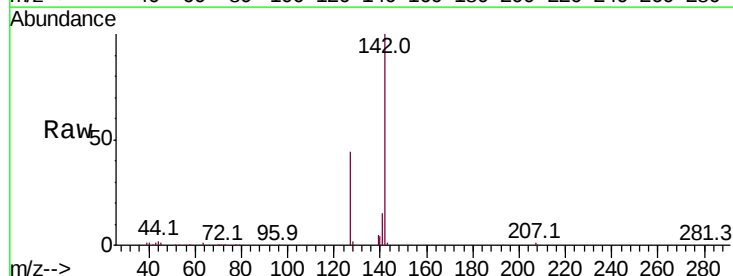
Tgt Ion:142 Resp: 52752

Ion Ratio Lower Upper

142 100

127 43.9 35.3 52.9

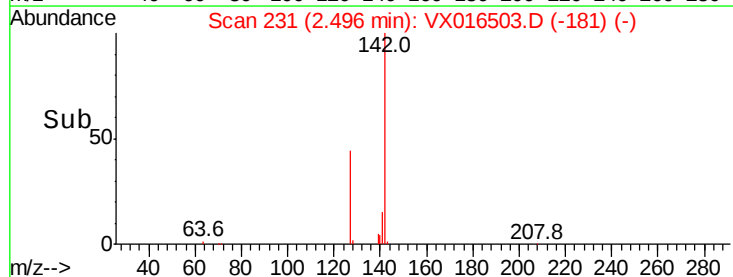
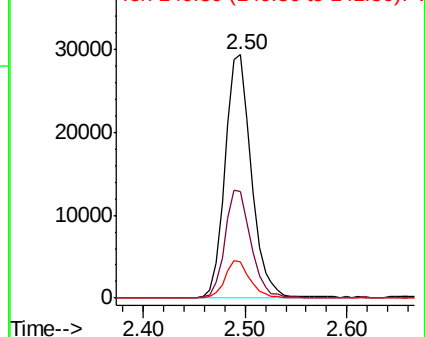
141 14.6 11.4 17.2

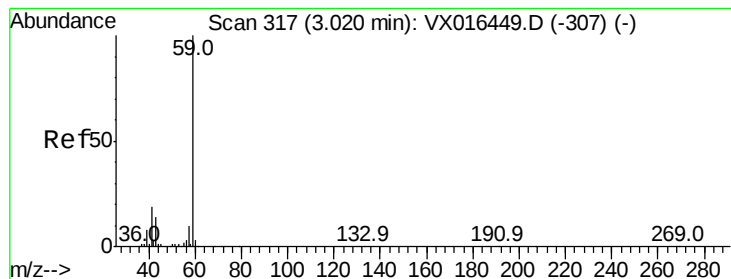


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



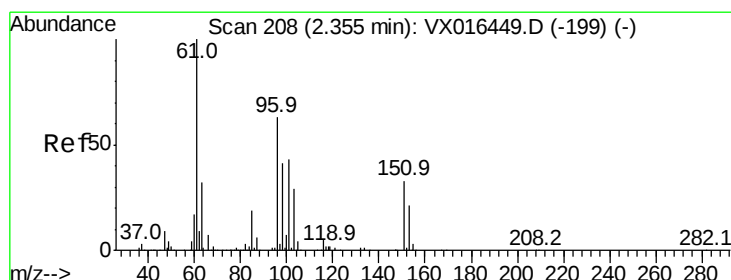
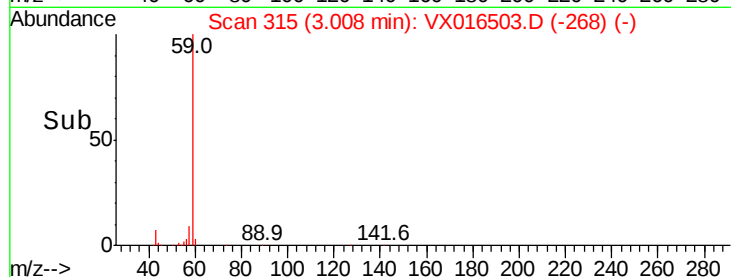
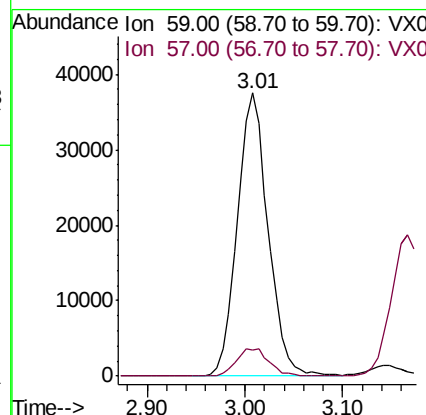
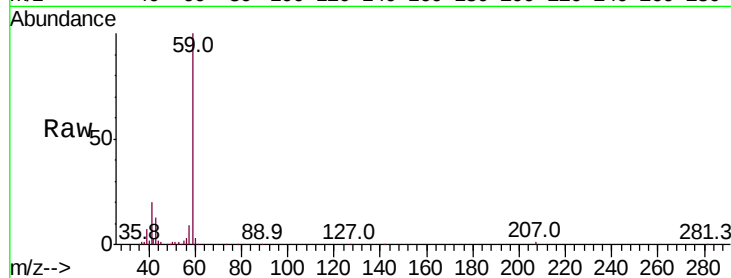


#11

Tert butyl alcohol
 Concen: 80.677 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX016503.D
 Acq: 29 May 2020 12:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0529WBS01

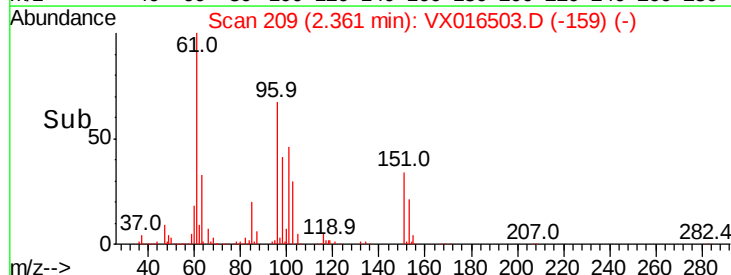
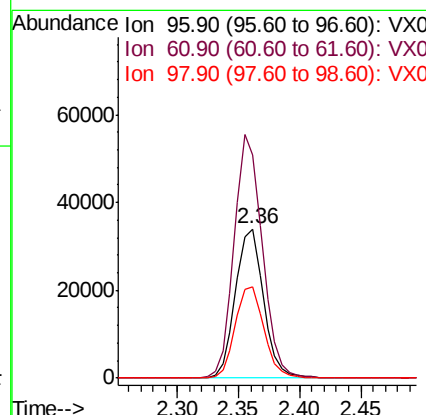
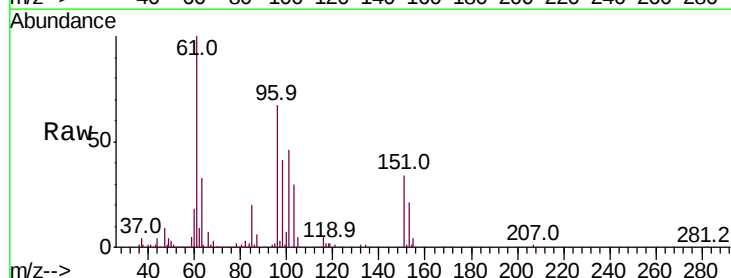
Tot Ion: 59 Resp: 82021
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.2 12.4

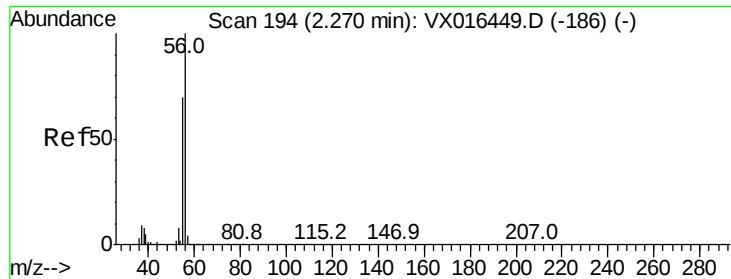


#12

1,1-Dichloroethene
 Concen: 17.525 ug/l
 RT: 2.36 min Scan# 209
 Delta R.T. 0.01 min
 Lab File: VX016503.D
 Acq: 29 May 2020 12:09

Tgt Ion: 96 Resp: 53834
 Ion Ratio Lower Upper
 96 100
 61 150.3 126.6 189.8
 98 61.0 51.3 76.9

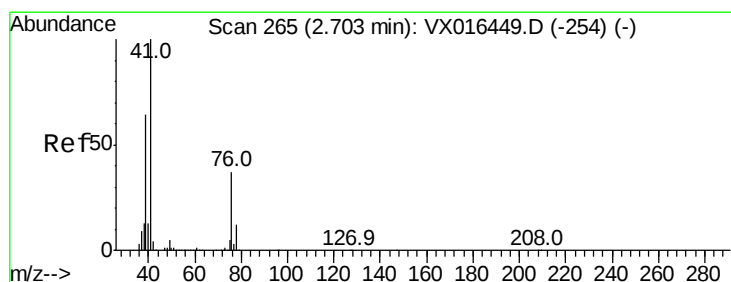
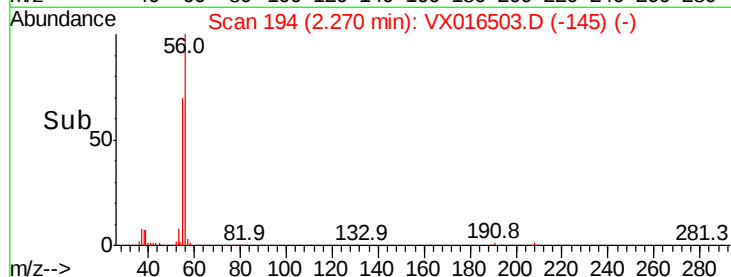
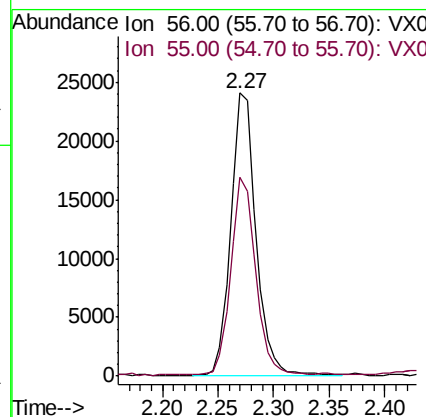
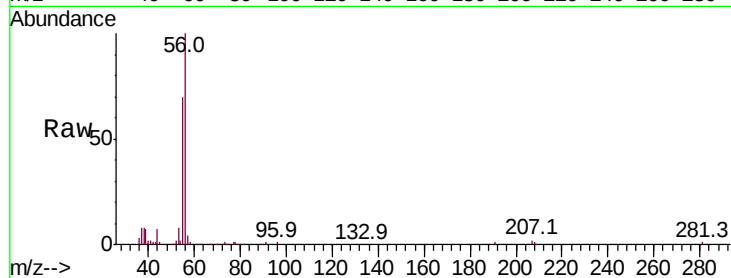




#13
Acrolein
Concen: 87.906 ug/l
RT: 2.27 min Scan# 194
Delta R.T. 0.00 min
Lab File: VX016503.D
Acq: 29 May 2020 12:09

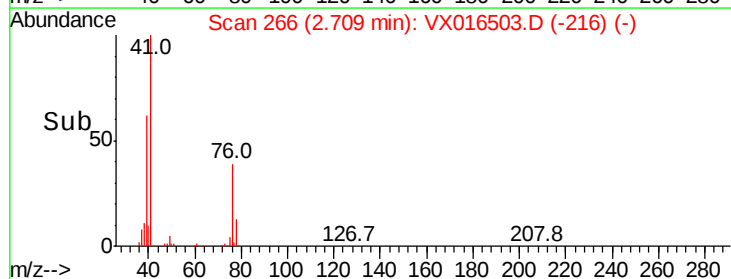
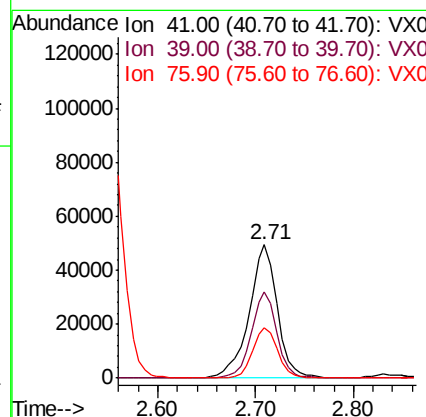
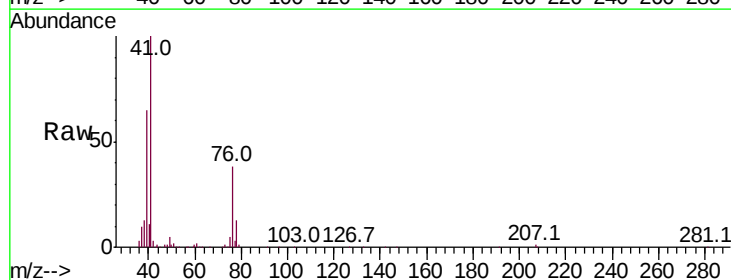
Instrument :
MSVOA_X
ClientSampleId :
VX0529WBS01

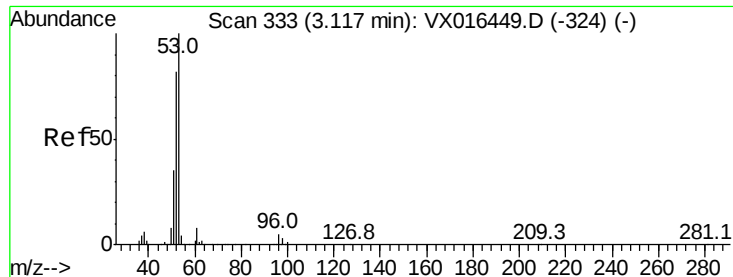
Tot Ion: 56 Resp: 38017
Ion Ratio Lower Upper
56 100
55 67.9 58.3 87.5



#14
Allyl chloride
Concen: 17.354 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.01 min
Lab File: VX016503.D
Acq: 29 May 2020 12:09

Tgt Ion: 41 Resp: 98040
Ion Ratio Lower Upper
41 100
39 58.8 47.7 71.5
76 34.3 26.6 40.0





#15

Acrylonitrile

Concen: 86.435 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016503.D

Acq: 29 May 2020 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0529WBS01

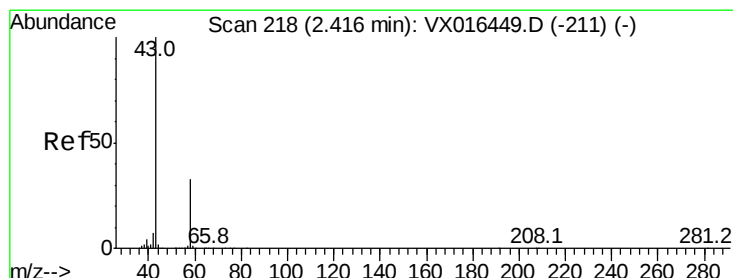
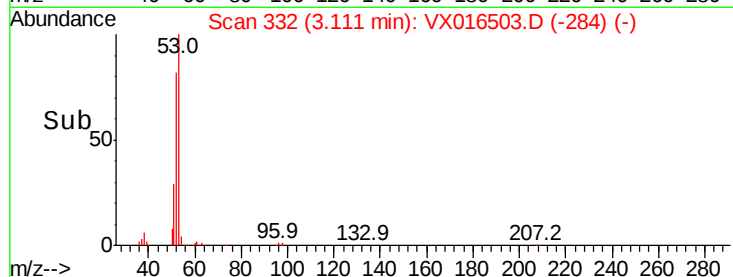
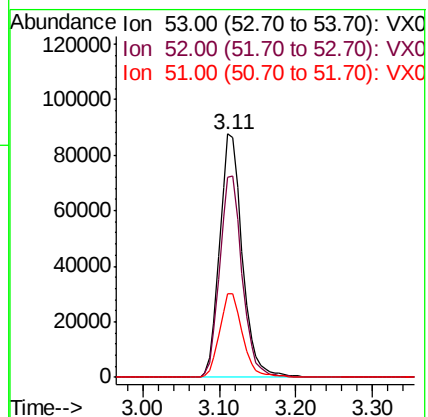
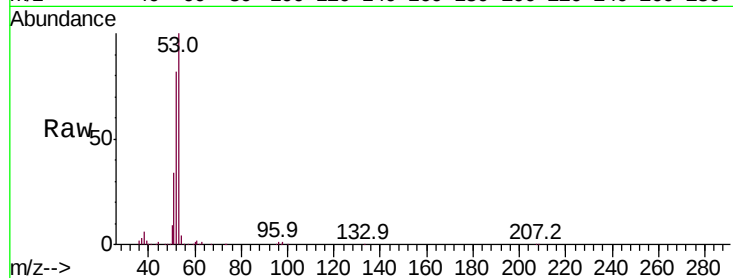
Tot Ion: 53 Resp: 180005

Ion Ratio Lower Upper

53 100

52 82.3 66.7 100.1

51 35.5 28.6 43.0



#16

Acetone

Concen: 87.356 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX016503.D

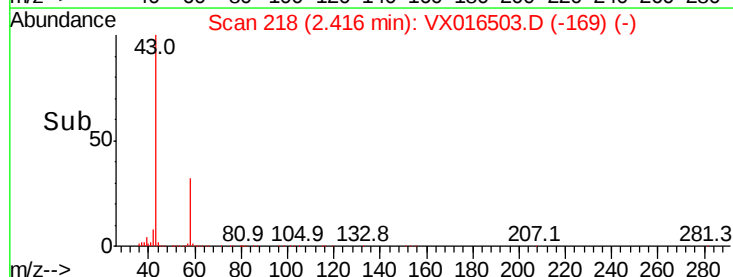
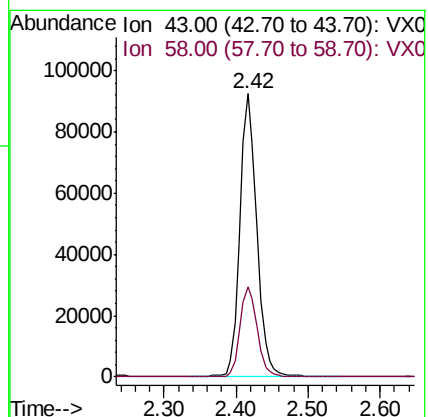
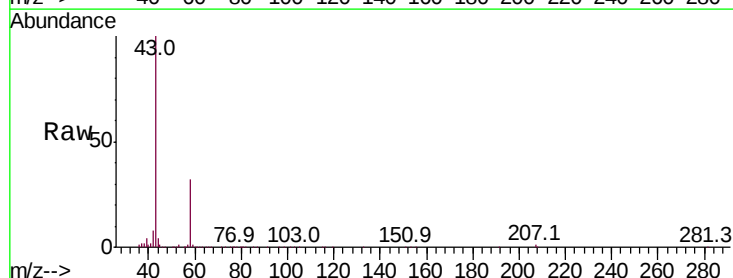
Acq: 29 May 2020 12:09

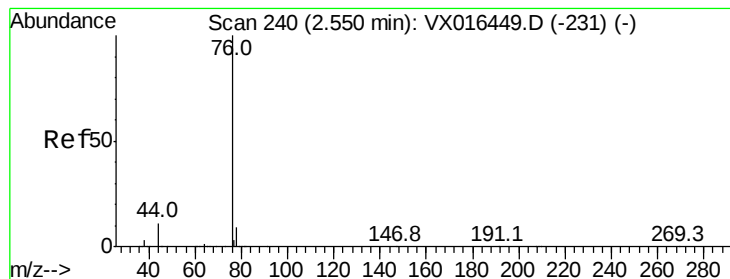
Tgt Ion: 43 Resp: 151737

Ion Ratio Lower Upper

43 100

58 31.8 26.1 39.1





#17

Carbon Disulfide

Concen: 17.402 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016503.D

Acq: 29 May 2020 12:09

Instrument :

MSVOA_X

ClientSampled :

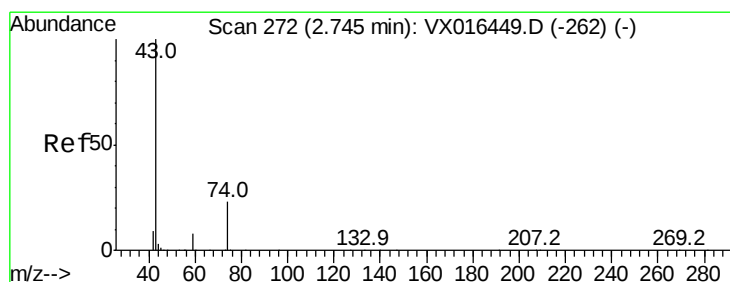
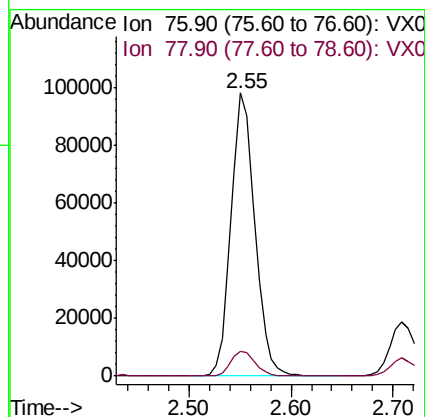
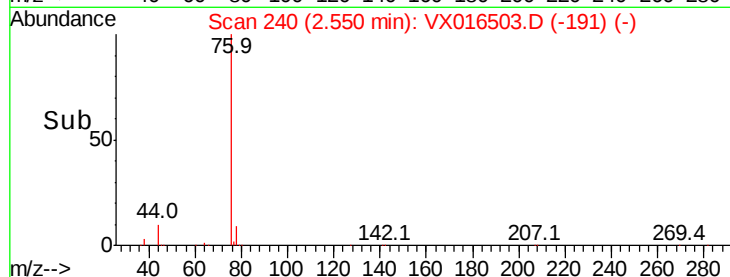
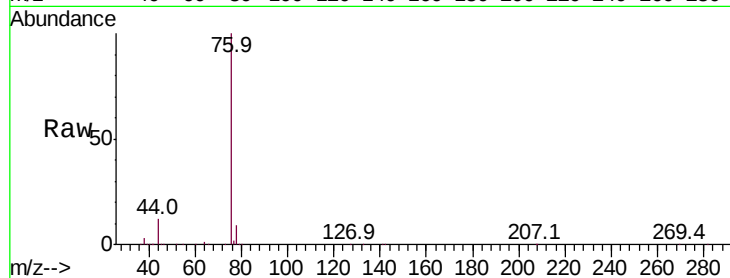
VX0529WBS01

Tot Ion: 76 Resp: 158748

Ion Ratio Lower Upper

76 100

78 8.8 7.4 11.0



#18

Methyl Acetate

Concen: 17.536 ug/l

RT: 2.75 min Scan# 272

Delta R.T. 0.00 min

Lab File: VX016503.D

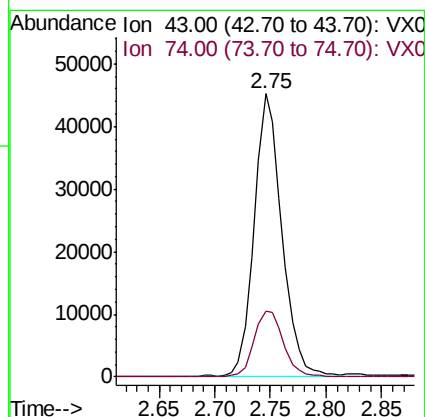
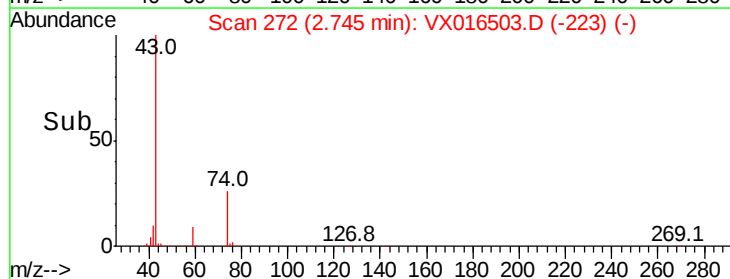
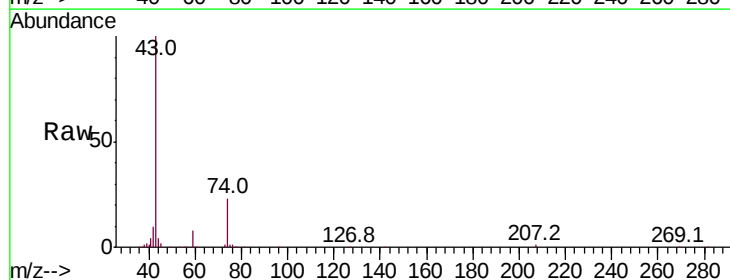
Acq: 29 May 2020 12:09

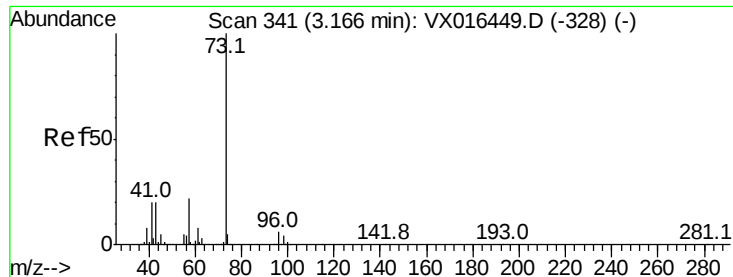
Tgt Ion: 43 Resp: 78122

Ion Ratio Lower Upper

43 100

74 25.1 19.7 29.5



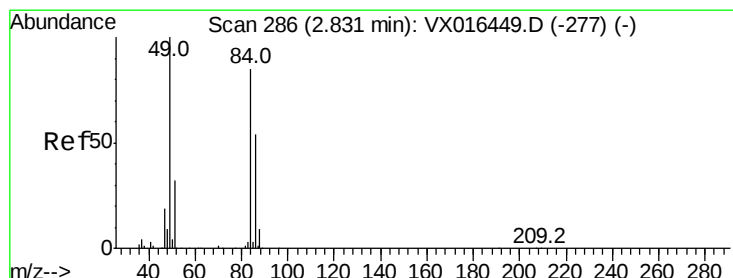
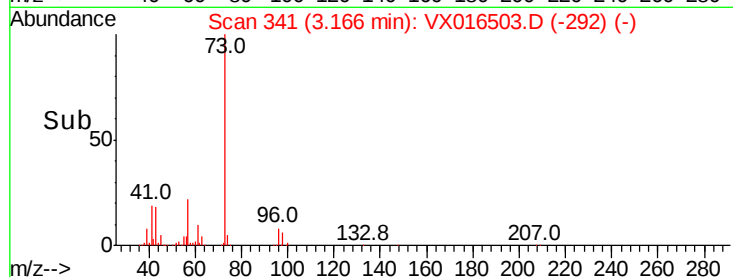
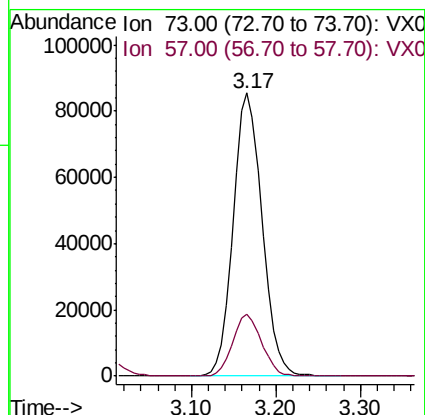
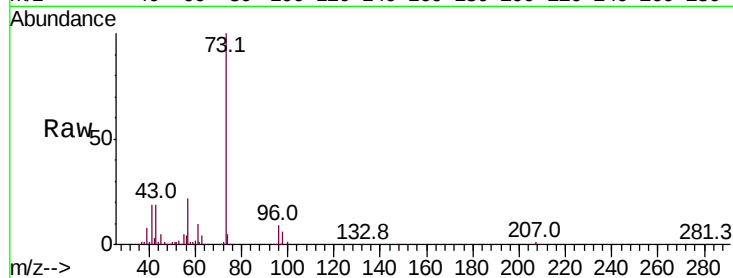


#19

Methyl tert-butyl Ether
 Concen: 17.909 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX016503.D
 Acq: 29 May 2020 12:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0529WBS01

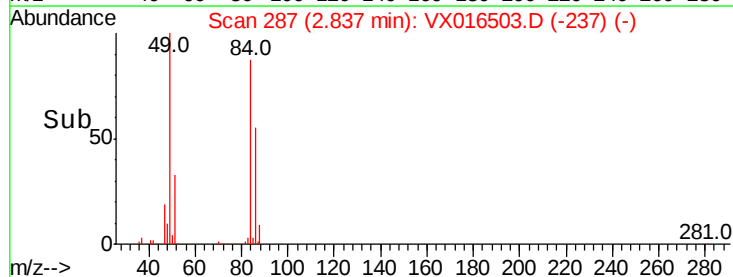
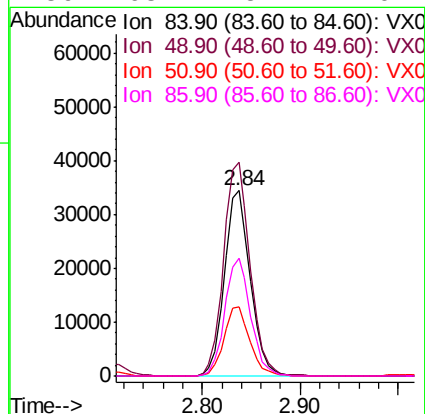
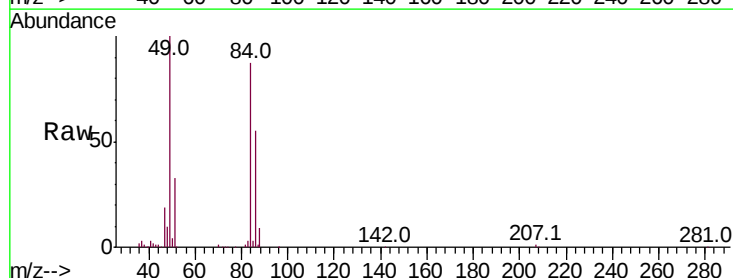
Tot Ion: 73 Resp: 197545
 Ion Ratio Lower Upper
 73 100
 57 22.0 17.8 26.6

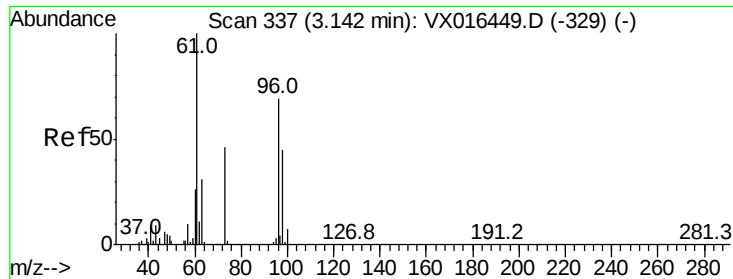


#20

Methylene Chloride
 Concen: 17.474 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.01 min
 Lab File: VX016503.D
 Acq: 29 May 2020 12:09

Tgt Ion: 84 Resp: 62799
 Ion Ratio Lower Upper
 84 100
 49 115.4 94.5 141.7
 51 37.7 30.2 45.4
 86 63.7 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 17.864 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016503.D

Acq: 29 May 2020 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0529WBS01

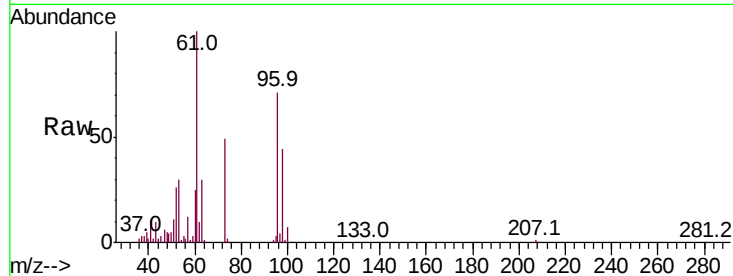
Tot Ion: 96 Resp: 60698

Ion Ratio Lower Upper

96 100

61 141.7 115.3 172.9

98 62.2 51.9 77.9

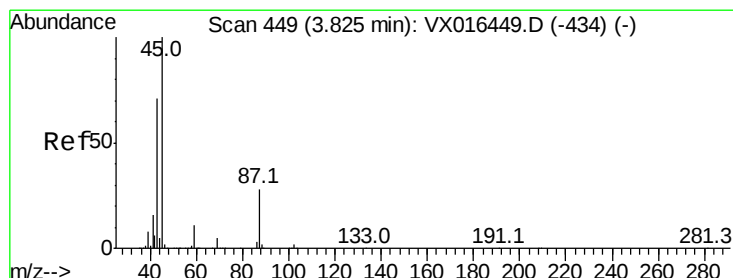
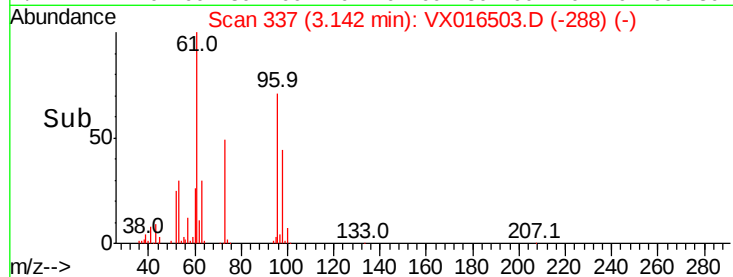
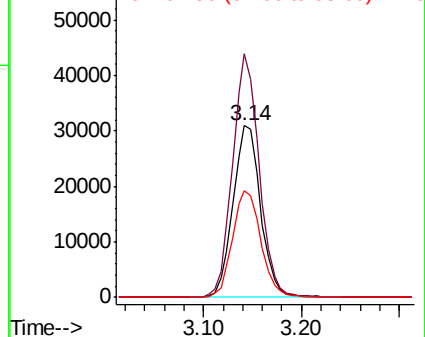


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 18.010 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX016503.D

Acq: 29 May 2020 12:09

Tgt Ion: 45 Resp: 195453

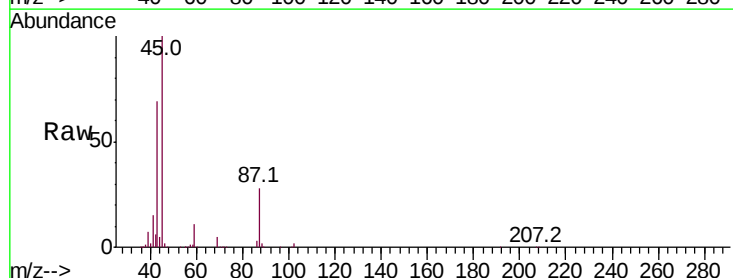
Ion Ratio Lower Upper

45 100

43 69.2 57.0 85.6

87 28.2 22.5 33.7

59 11.2 9.1 13.7



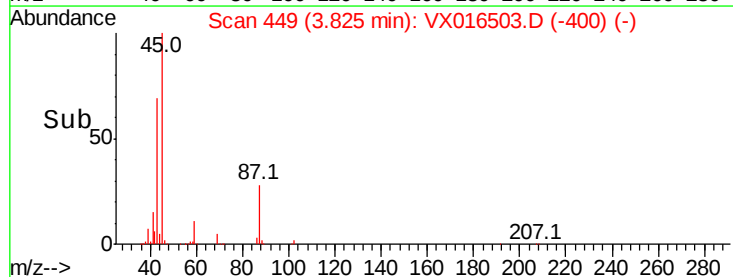
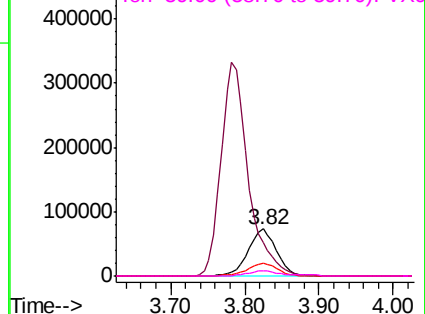
Abundance

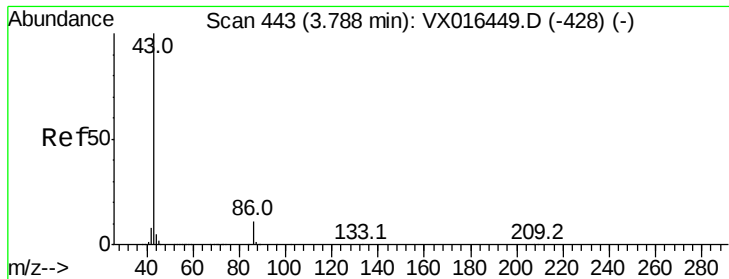
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 89.400 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016503.D

Acq: 29 May 2020 12:09

Instrument :

MSVOA_X

ClientSampleId :

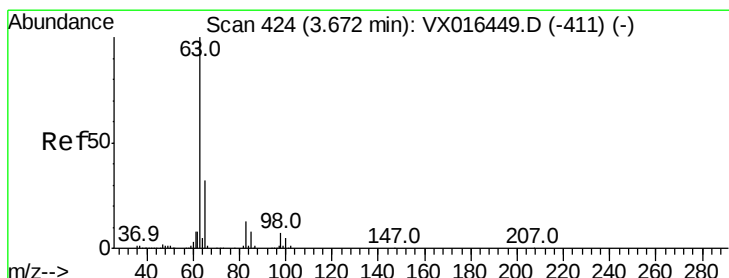
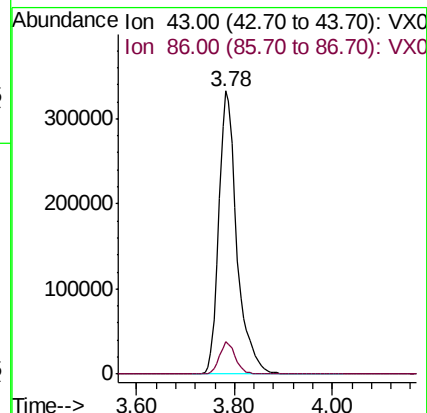
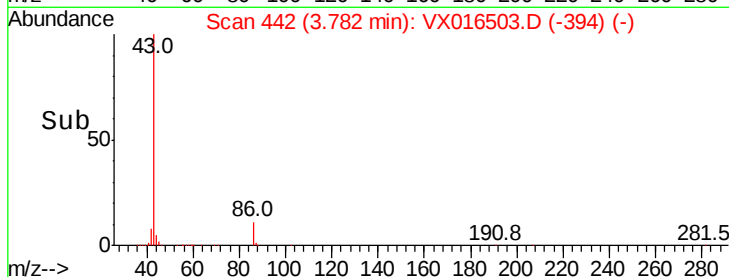
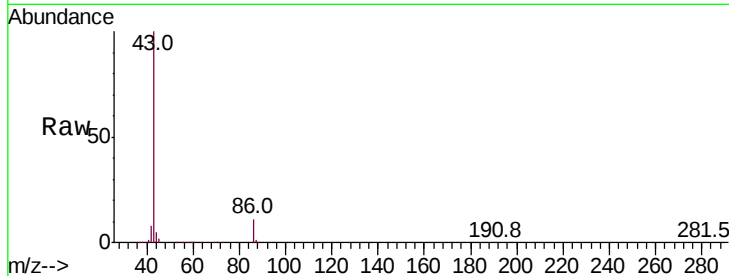
VX0529WBS01

Tot Ion: 43 Resp: 849230

Ion Ratio Lower Upper

43 100

86 11.3 8.6 13.0



#24

1,1-Dichloroethane

Concen: 17.830 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX016503.D

Acq: 29 May 2020 12:09

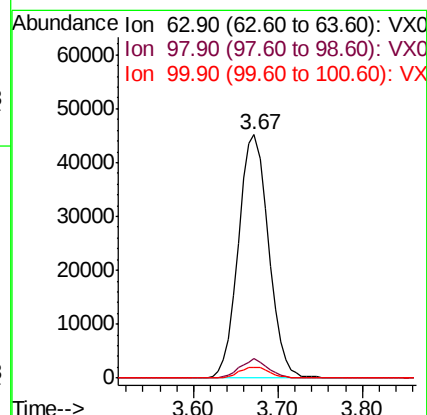
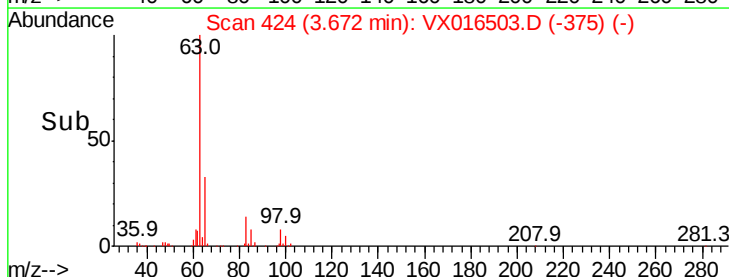
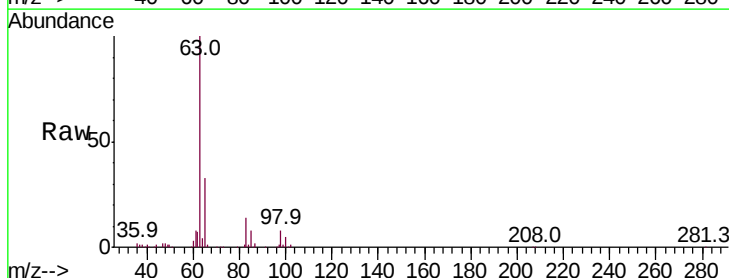
Tgt Ion: 63 Resp: 109217

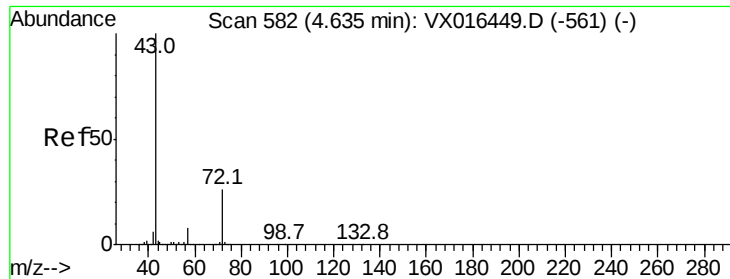
Ion Ratio Lower Upper

63 100

98 8.0 3.6 10.9

100 4.6 2.4 7.1





#25

2-Butanone

Concen: 84.389 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016503.D

Acq: 29 May 2020 12:09

Instrument :

MSVOA_X

ClientSampleId :

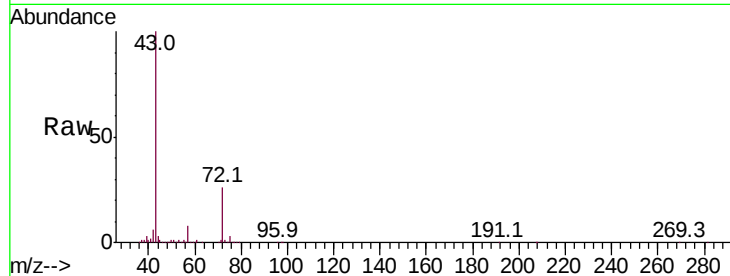
VX0529WBS01

Tot Ion: 43 Resp: 248380

Ion Ratio Lower Upper

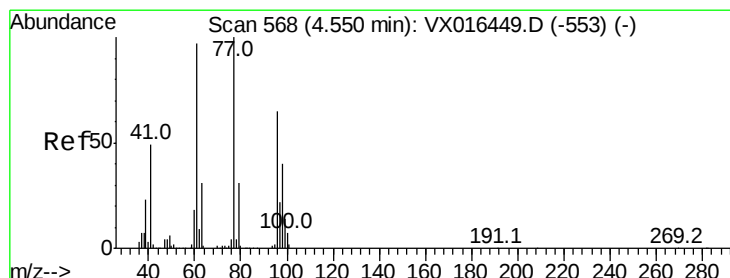
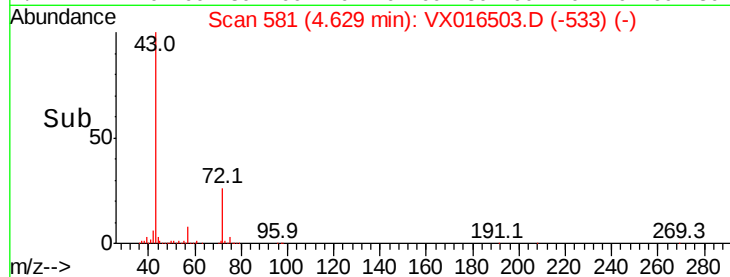
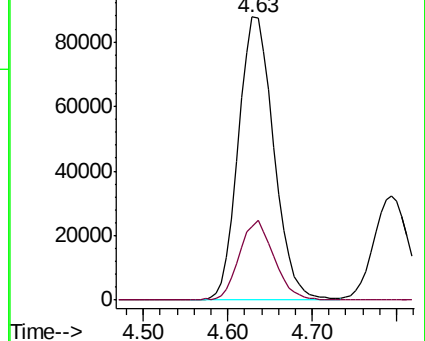
43 100

72 25.8 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 19.767 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX016503.D

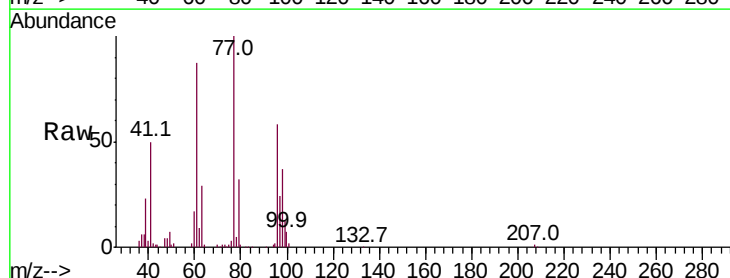
Acq: 29 May 2020 12:09

Tgt Ion: 77 Resp: 99078

Ion Ratio Lower Upper

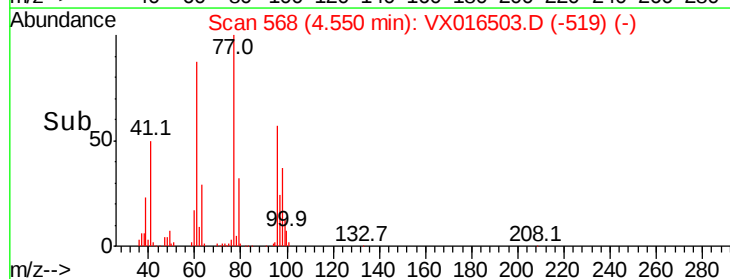
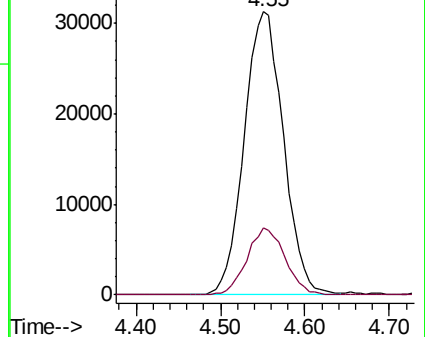
77 100

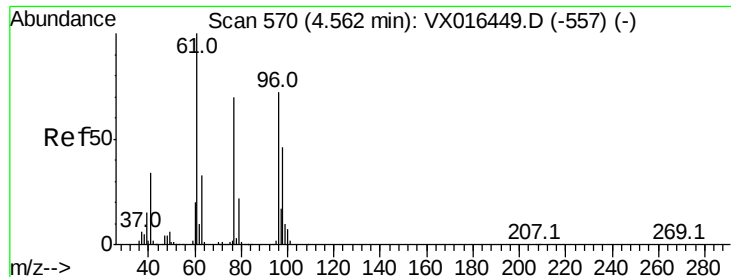
97 23.0 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 17.706 ug/l

RT: 4.56 min Scan# 570

Delta R.T. 0.00 min

Lab File: VX016503.D

Acq: 29 May 2020 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0529WBS01

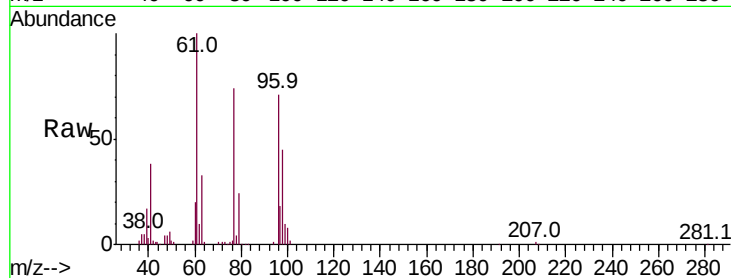
Tot Ion: 96 Resp: 69601

Ion Ratio Lower Upper

96 100

61 144.9 0.0 284.6

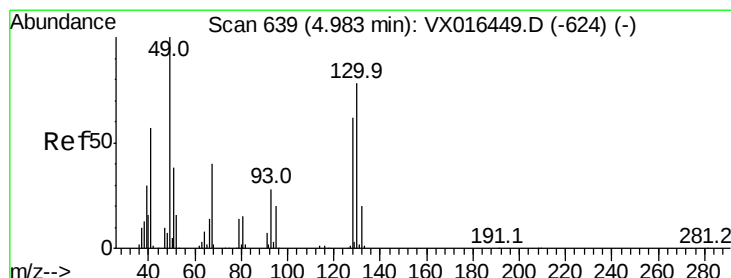
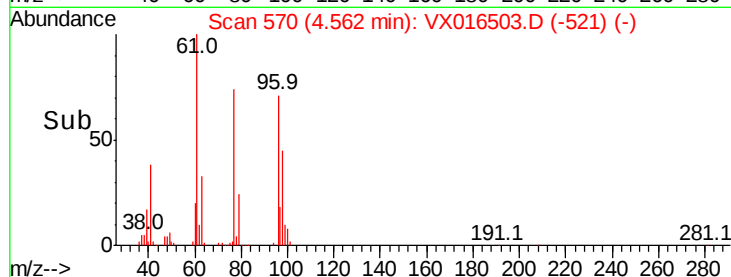
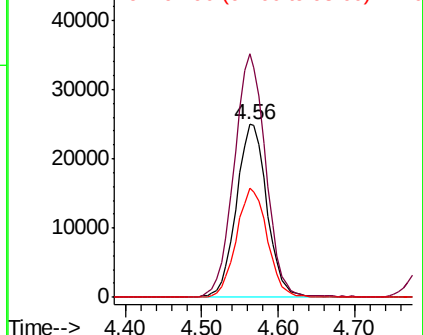
98 63.5 0.0 127.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 18.081 ug/l

RT: 4.98 min Scan# 639

Delta R.T. 0.00 min

Lab File: VX016503.D

Acq: 29 May 2020 12:09

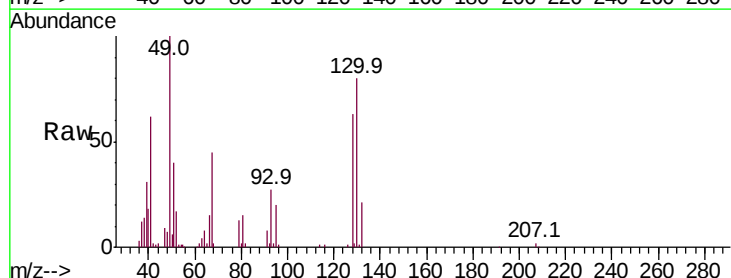
Tgt Ion: 49 Resp: 51467

Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.0

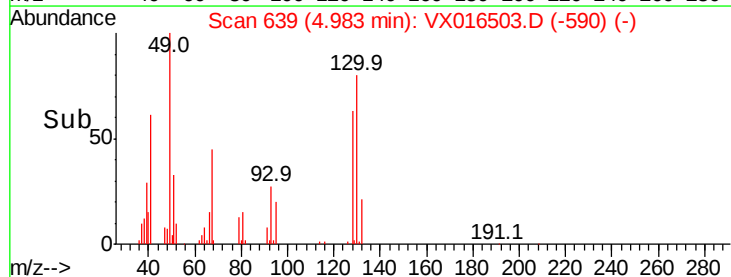
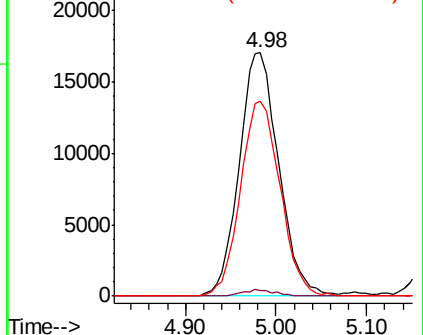
130 80.3 63.0 94.4

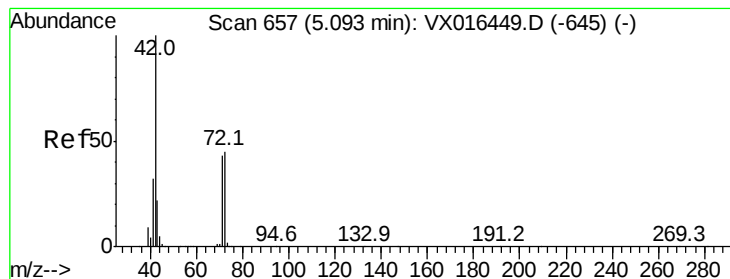


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 87.171 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX016503.D

Acq: 29 May 2020 12:09

Instrument :

MSVOA_X

ClientSampled :

VX0529WBS01

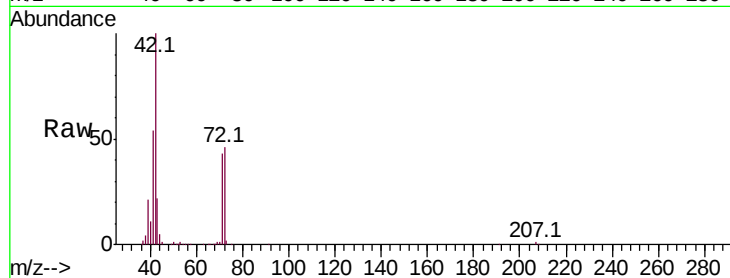
Tot Ion: 42 Resp: 165755

Ion Ratio Lower Upper

42 100

72 46.2 37.0 55.4

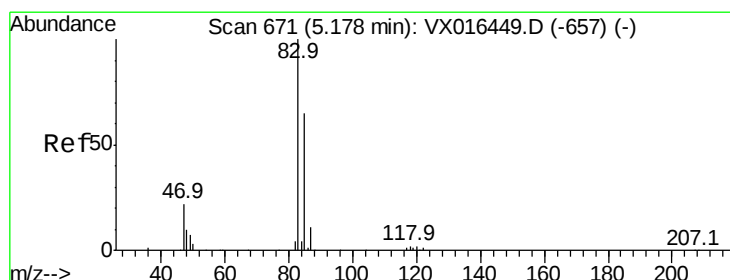
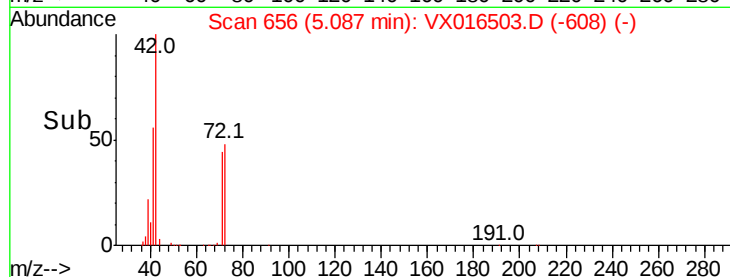
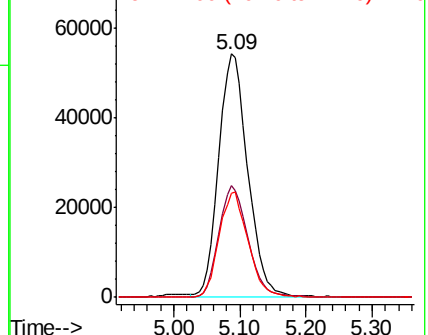
71 43.1 34.1 51.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 17.815 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX016503.D

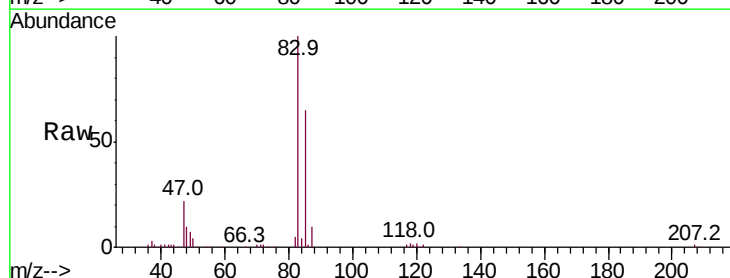
Acq: 29 May 2020 12:09

Tgt Ion: 83 Resp: 109952

Ion Ratio Lower Upper

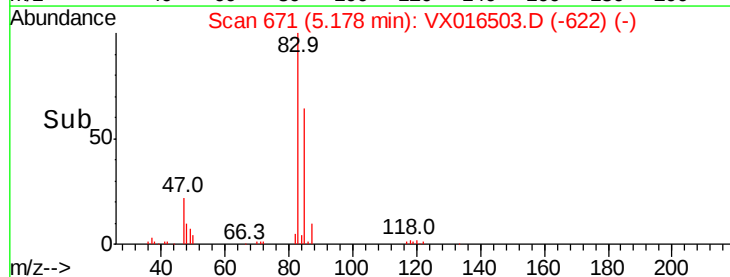
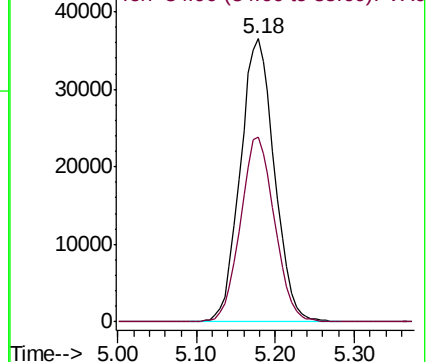
83 100

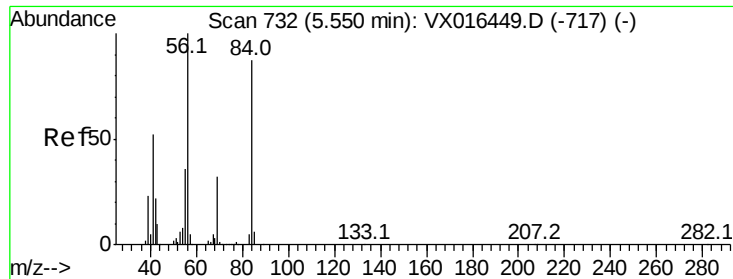
85 65.5 52.0 78.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

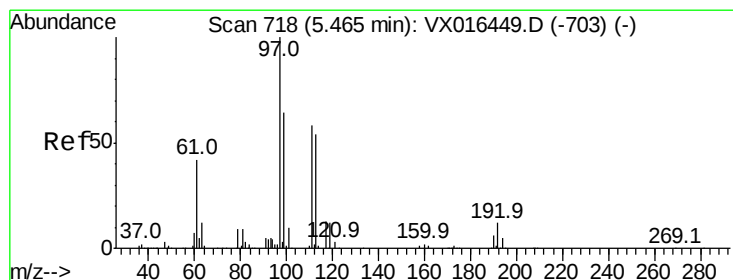
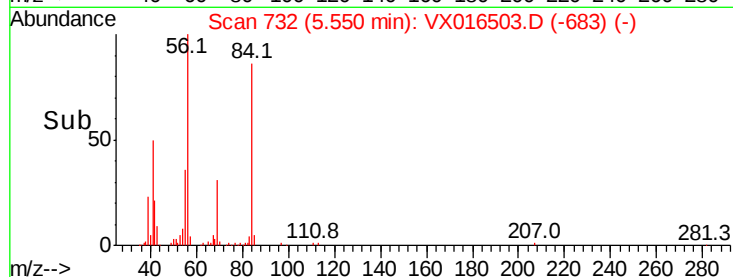
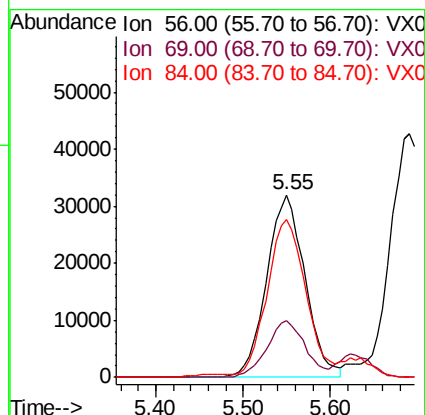
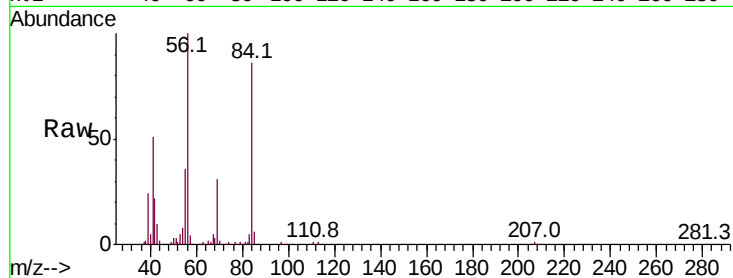




#31
Cyclohexane
Concen: 17.710 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX016503.D
Acq: 29 May 2020 12:09

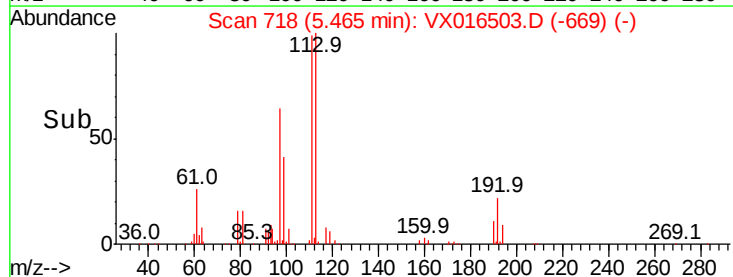
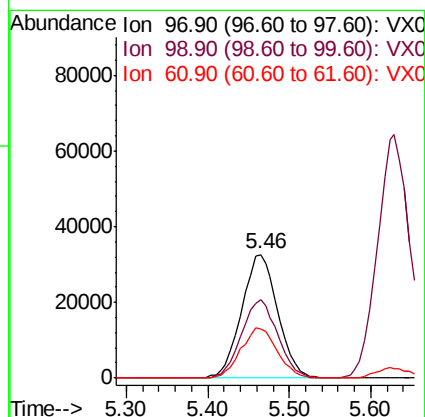
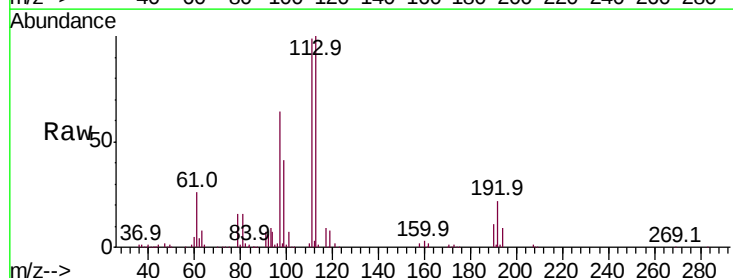
Instrument :
MSVOA_X
ClientSampleId :
VX0529WBS01

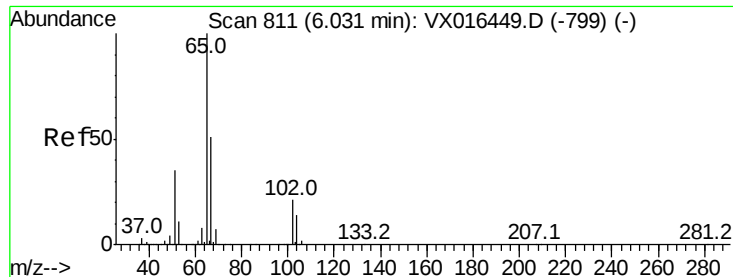
Tot Ion: 56 Resp: 97592
Ion Ratio Lower Upper
56 100
69 31.2 25.7 38.5
84 85.2 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 17.964 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX016503.D
Acq: 29 May 2020 12:09

Tgt Ion: 97 Resp: 100374
Ion Ratio Lower Upper
97 100
99 63.5 51.4 77.2
61 41.0 33.5 50.3





#33

1,2-Dichloroethane-d4

Concen: 46.708 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016503.D

Acq: 29 May 2020 12:09

Instrument :

MSVOA_X

ClientSampleId :

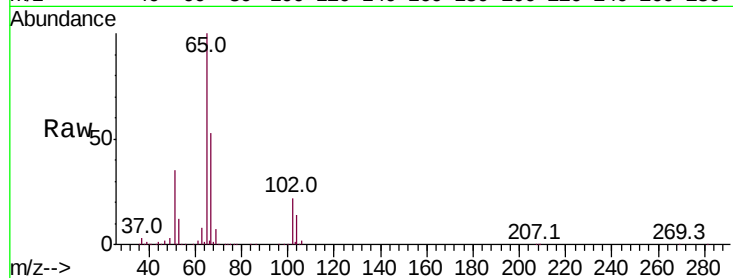
VX0529WBS01

Tot Ion: 65 Resp: 185180

Ion Ratio Lower Upper

65 100

67 52.5 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

80000

60000

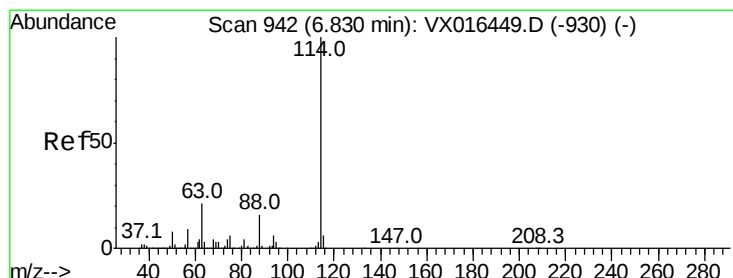
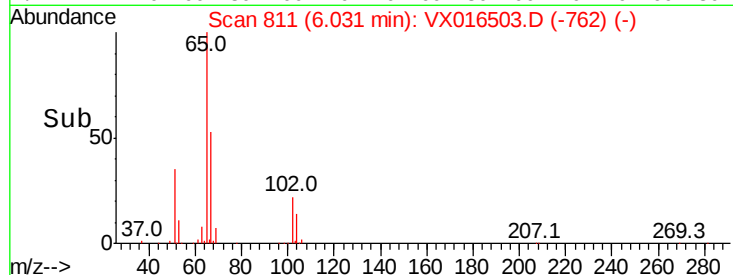
40000

20000

0

Time-->

5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX016503.D

Acq: 29 May 2020 12:09

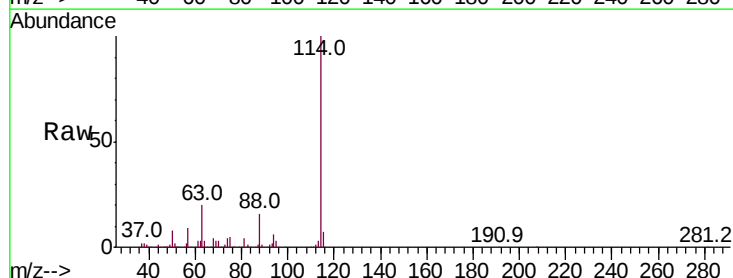
Tgt Ion: 114 Resp: 497982

Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.6

88 16.0 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.83

250000

200000

150000

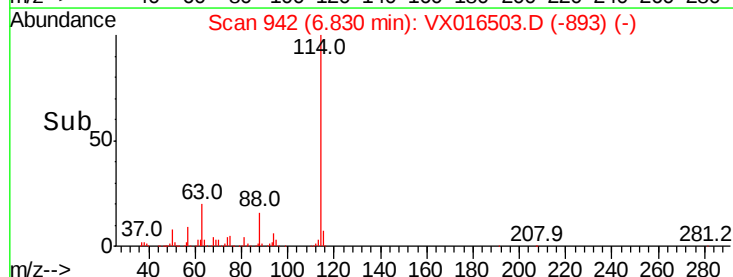
100000

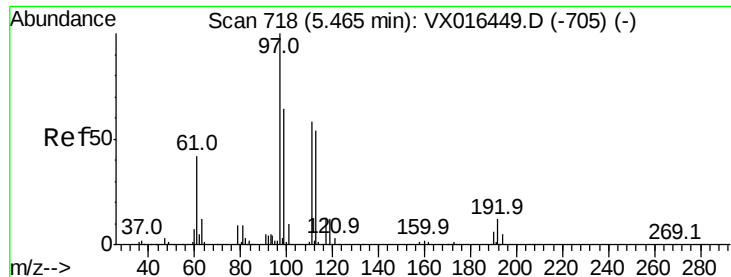
50000

0

Time-->

6.70 6.80 6.90





#35

Dibromofluoromethane

Concen: 46.618 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX016503.D

Acq: 29 May 2020 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0529WBS01

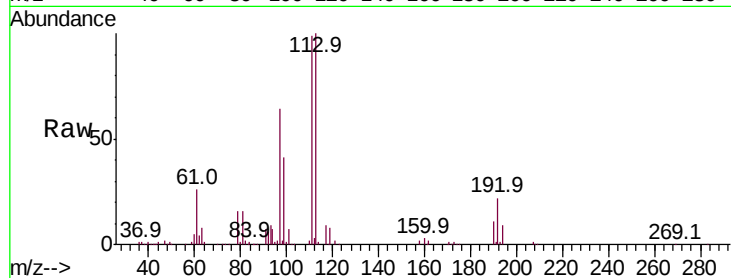
Tot Ion:113 Resp: 142946

Ion Ratio Lower Upper

113 100

111 102.7 83.0 124.6

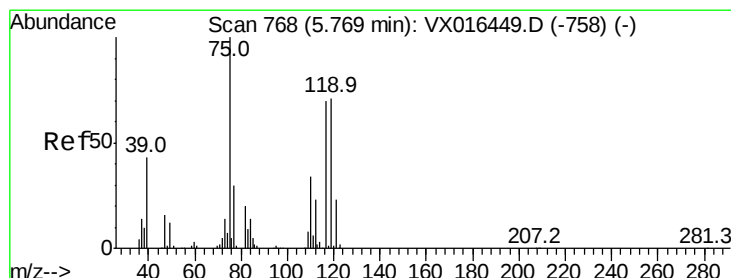
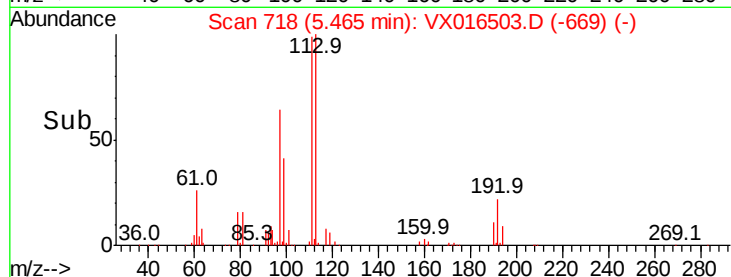
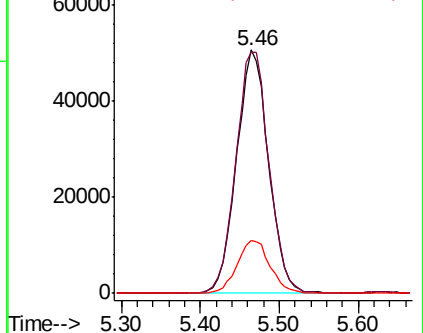
192 22.2 17.7 26.5



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: 17.513 ug/l

RT: 5.77 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX016503.D

Acq: 29 May 2020 12:09

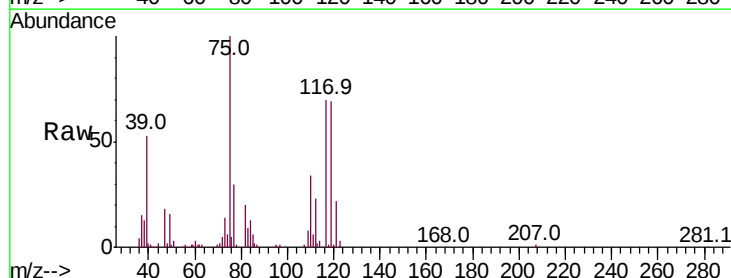
Tgt Ion: 75 Resp: 82575

Ion Ratio Lower Upper

75 100

110 35.8 17.4 52.3

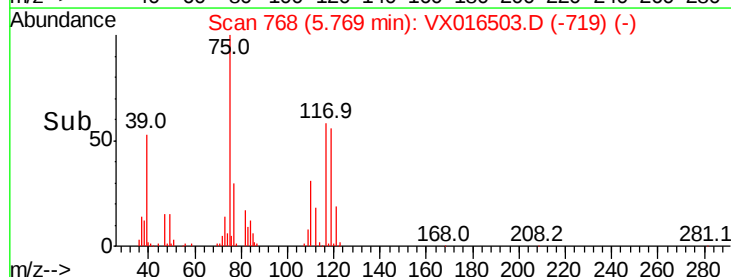
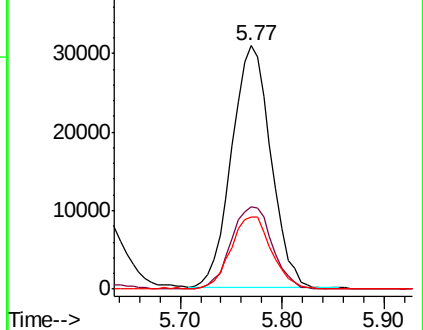
77 31.0 24.2 36.4

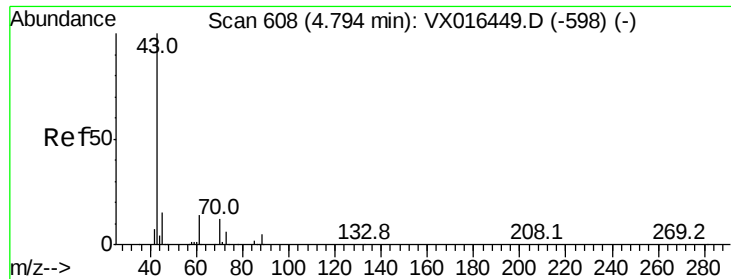


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

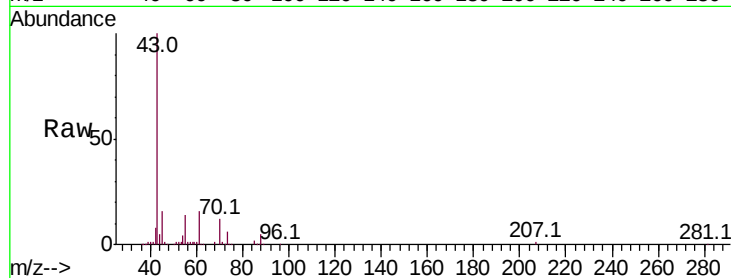




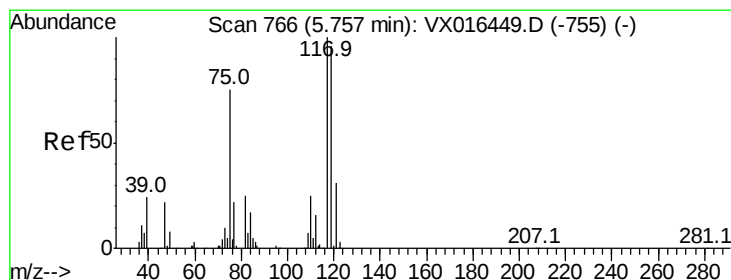
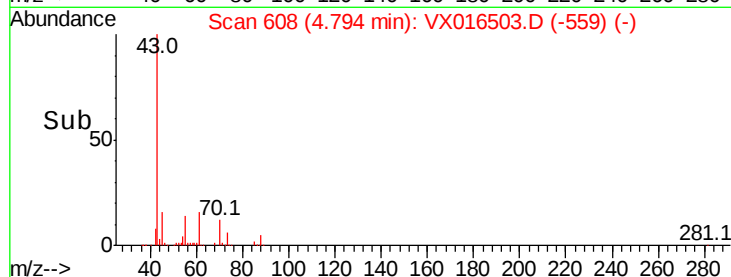
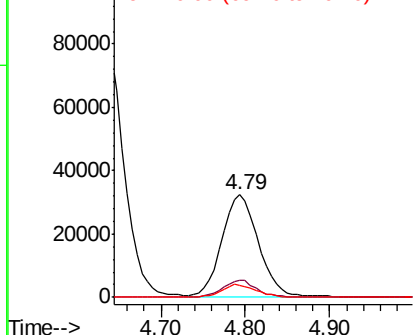
#37
Ethyl Acetate
Concen: 16.757 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX016503.D
Acq: 29 May 2020 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX0529WBS01

Tot Ion: 43 Resp: 94857
Ion Ratio Lower Upper
43 100
61 15.7 11.3 16.9
70 12.1 9.3 13.9

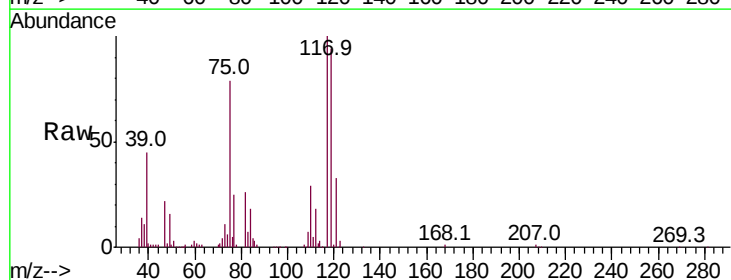


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

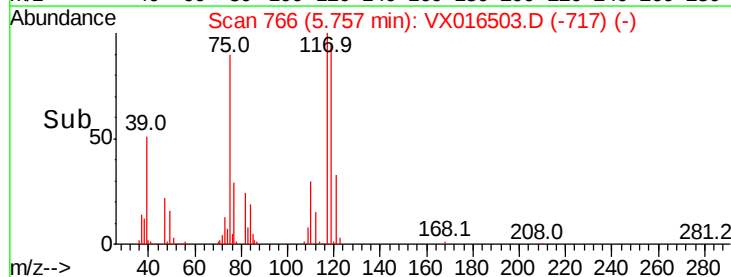
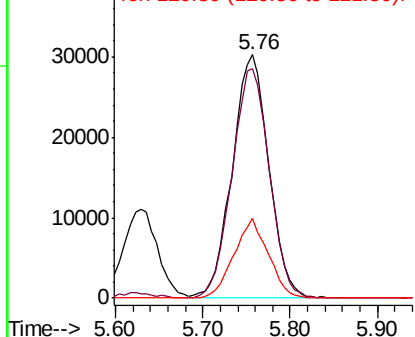


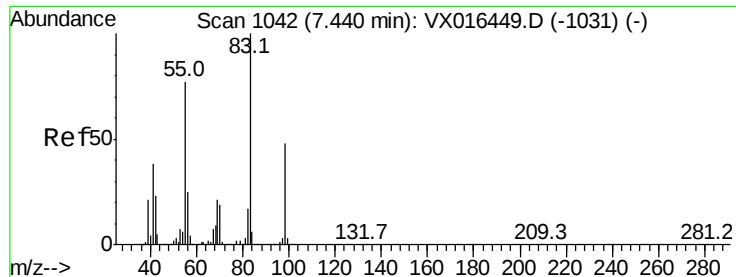
#38
Carbon Tetrachloride
Concen: 17.757 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX016503.D
Acq: 29 May 2020 12:09

Tgt Ion: 117 Resp: 87983
Ion Ratio Lower Upper
117 100
119 94.0 76.3 114.5
121 32.9 24.6 37.0



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

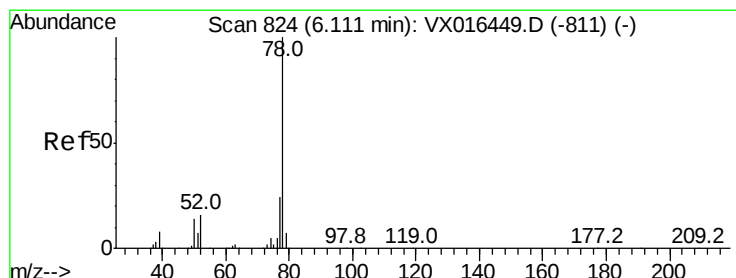
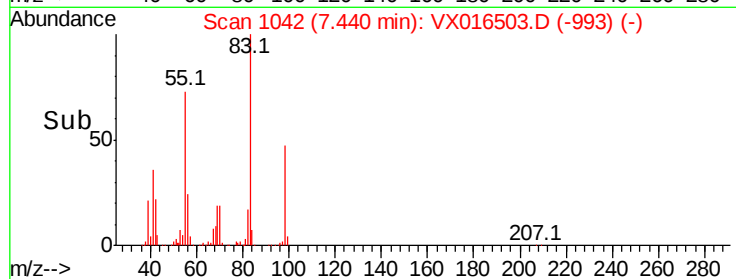
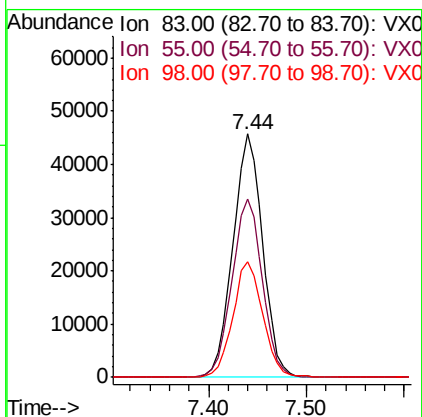
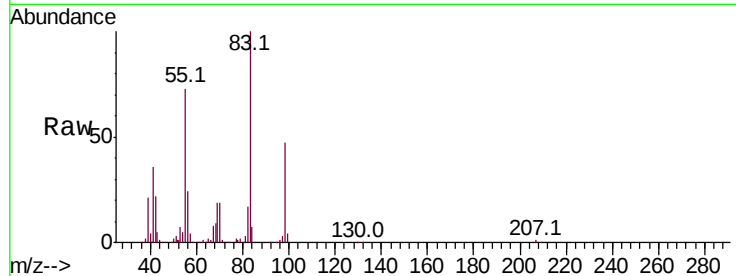




#39
Methvlcvclohexane
Concen: 18.770 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016503.D
Acq: 29 May 2020 12:09

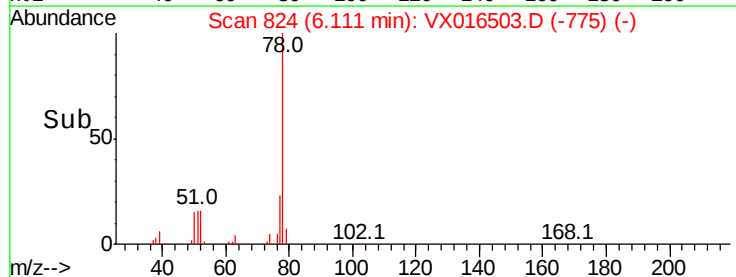
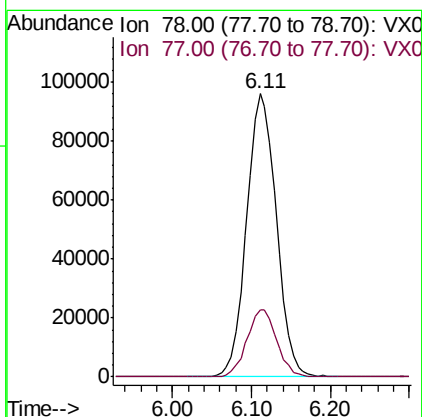
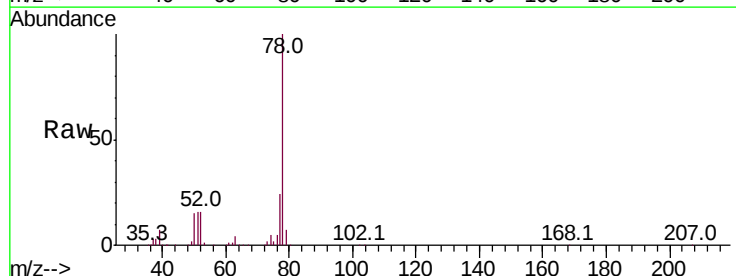
Instrument :
MSVOA_X
ClientSampleId :
VX0529WBS01

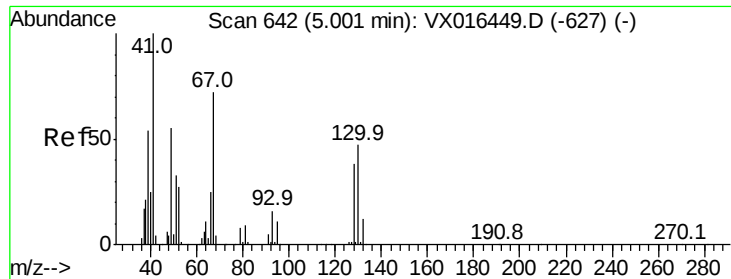
Tot Ion	83	Resp	96123
Ion Ratio	Lower	Upper	
83	100		
55	73.1	61.7	92.5
98	47.3	38.7	58.1



#40
Benzene
Concen: 17.900 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX016503.D
Acq: 29 May 2020 12:09

Tgt Ion	78	Resp	251329
Ion Ratio	Lower	Upper	
78	100		
77	23.6	18.9	28.3

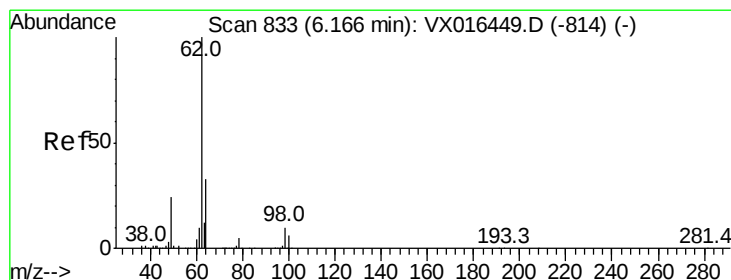
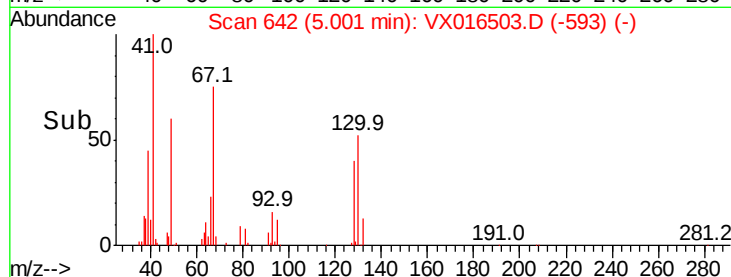
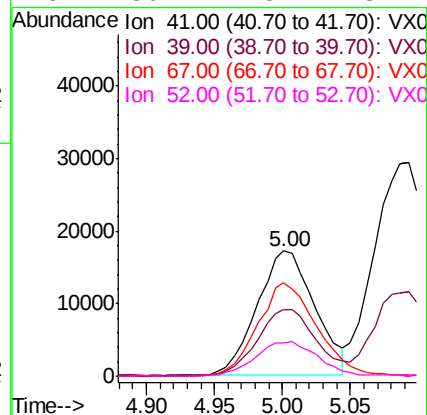
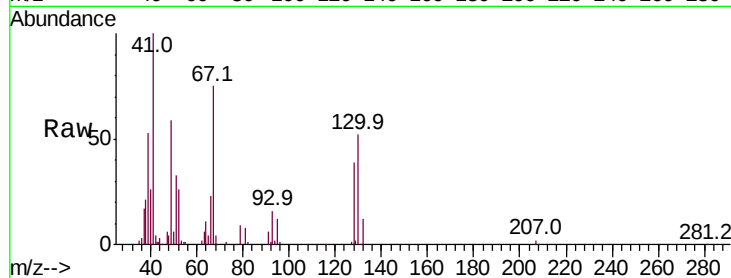




#41
Methacrylonitrile
Concen: 16.450 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX016503.D
Acq: 29 May 2020 12:09

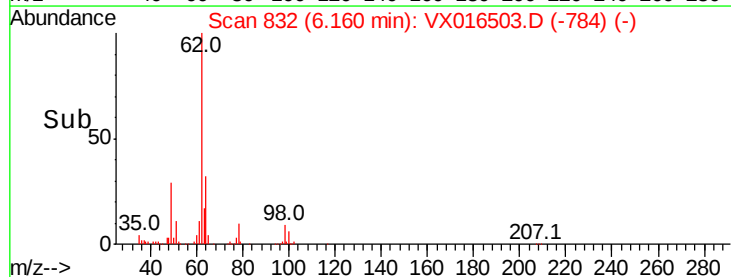
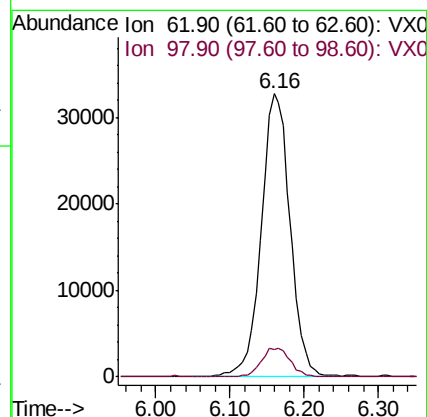
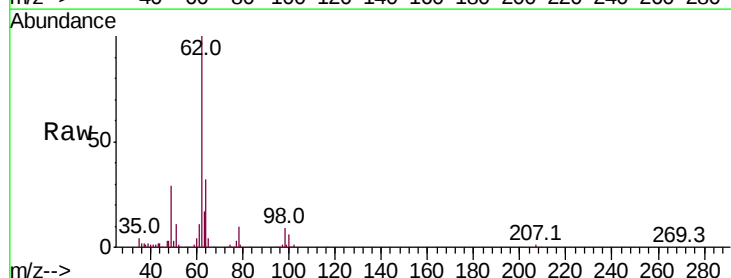
Instrument :
MSVOA_X
ClientSampled :
VX0529WBS01

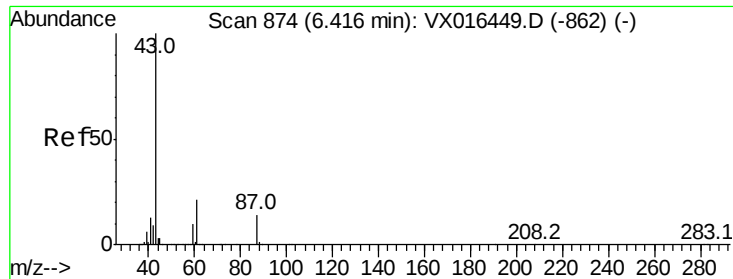
Tot Ion:	41	Resp:	51148
Ion	Ratio	Lower	Upper
41	100		
39	55.6	43.0	64.4
67	76.7	58.9	88.3
52	30.4	23.1	34.7



#42
1,2-Dichloroethane
Concen: 17.851 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016503.D
Acq: 29 May 2020 12:09

Tgt Ion:	62	Resp:	89133
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	19.8





#43

Isopropyl Acetate

Concen: 17.335 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX016503.D

Acq: 29 May 2020 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0529WBS01

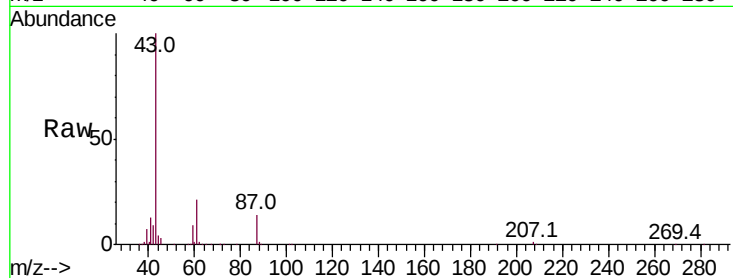
Tot Ion: 43 Resp: 153066

Ion Ratio Lower Upper

43 100

61 21.3 16.8 25.2

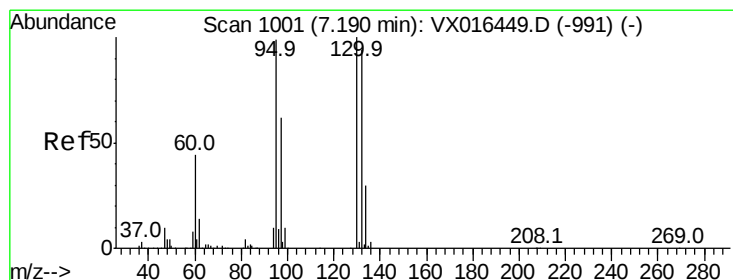
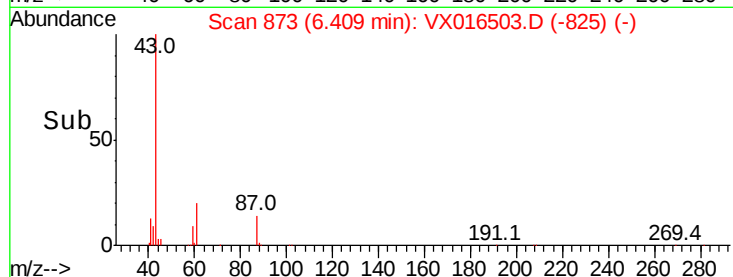
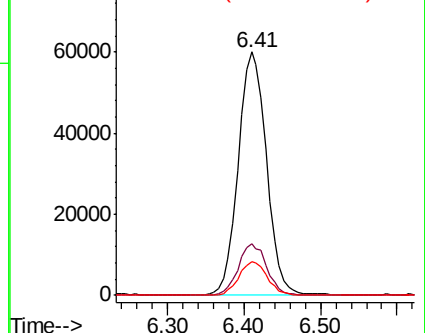
87 13.9 11.2 16.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 18.009 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX016503.D

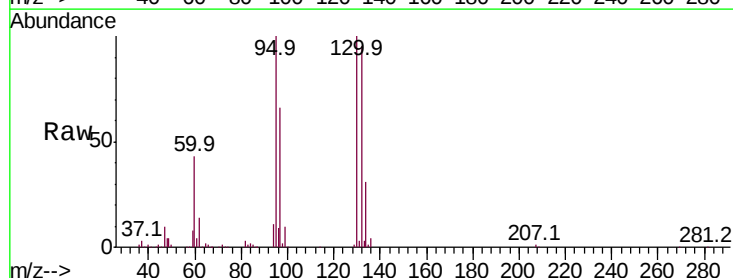
Acq: 29 May 2020 12:09

Tgt Ion: 130 Resp: 80226

Ion Ratio Lower Upper

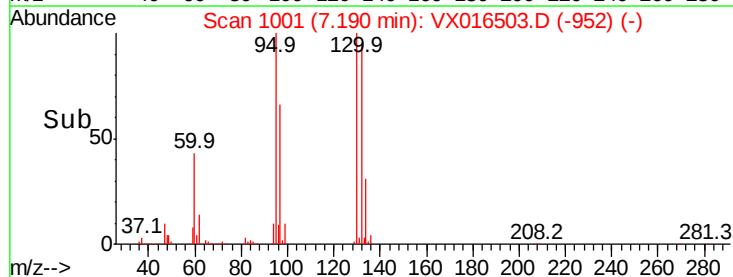
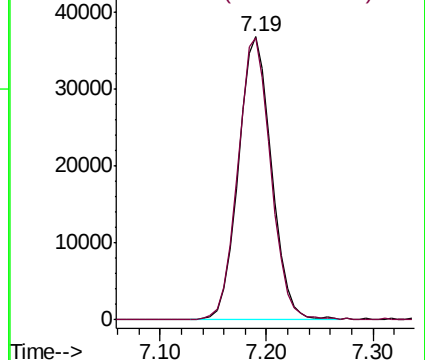
130 100

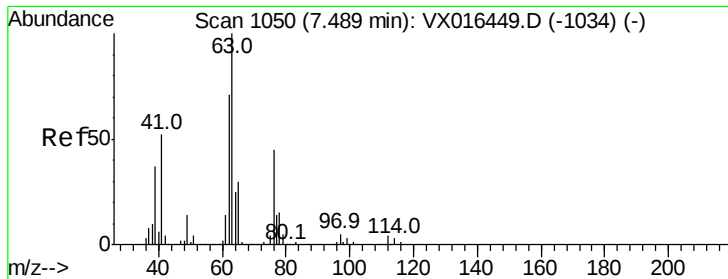
95 99.6 0.0 198.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 17.980 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX016503.D

Acq: 29 May 2020 12:09

Instrument :

MSVOA_X

ClientSampleId :

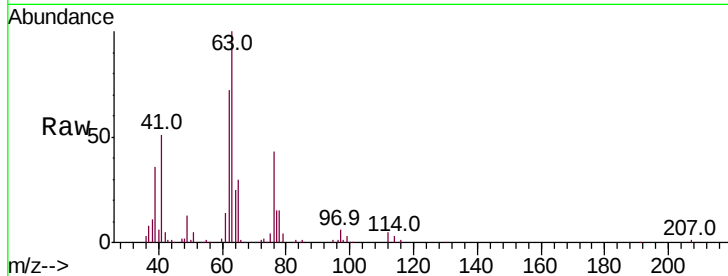
VX0529WBS01

Tot Ion: 63 Resp: 64270

Ion Ratio Lower Upper

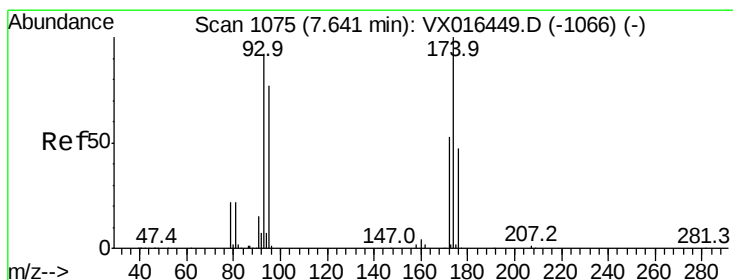
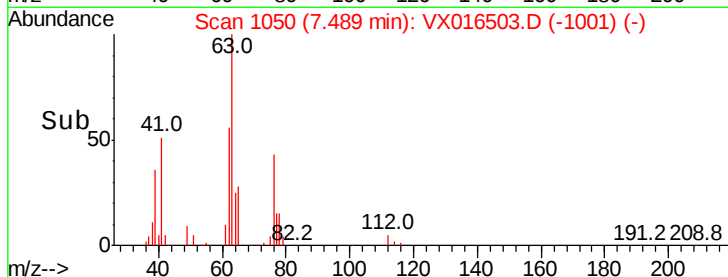
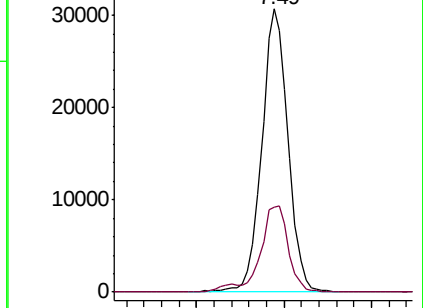
63 100

65 30.0 24.2 36.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 17.656 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX016503.D

Acq: 29 May 2020 12:09

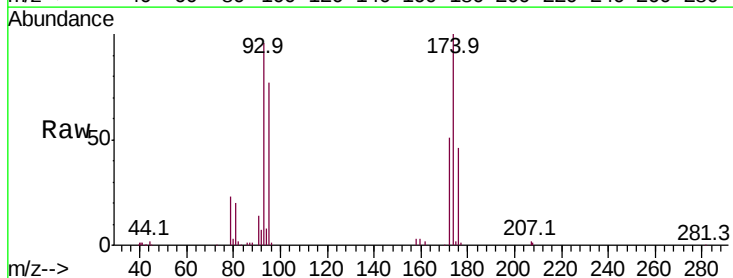
Tgt Ion: 93 Resp: 42390

Ion Ratio Lower Upper

93 100

95 81.5 66.6 100.0

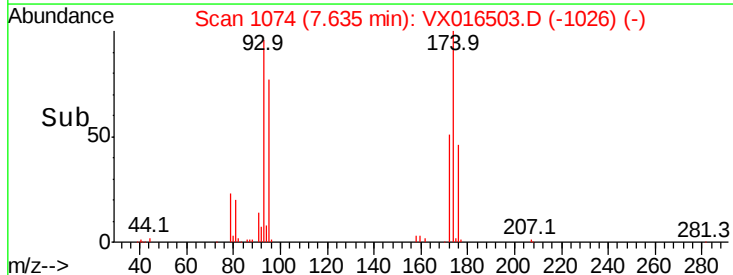
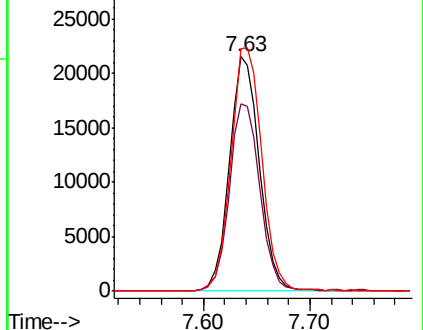
174 107.1 86.2 129.4

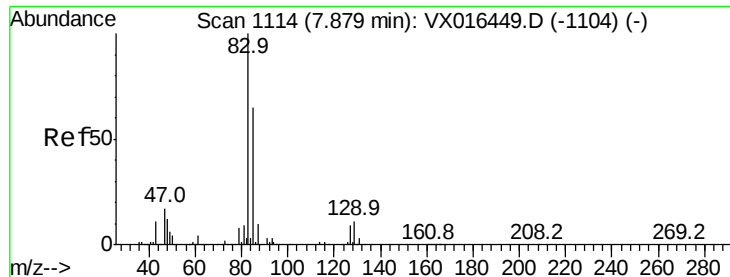


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 17.666 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX016503.D

Acq: 29 May 2020 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0529WBS01

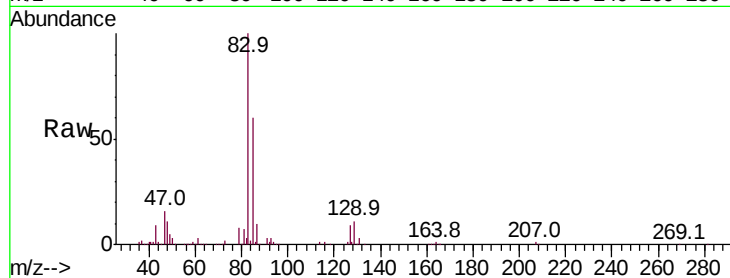
Tot Ion: 83 Resp: 87823

Ion Ratio Lower Upper

83 100

85 59.9 52.0 78.0

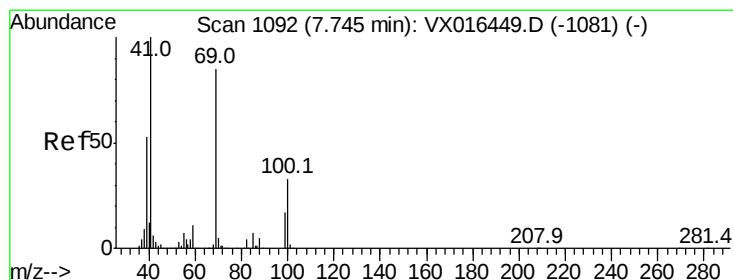
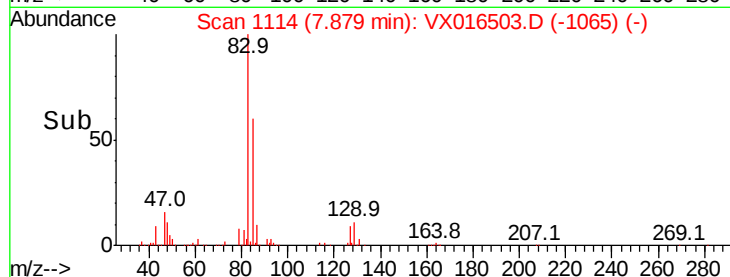
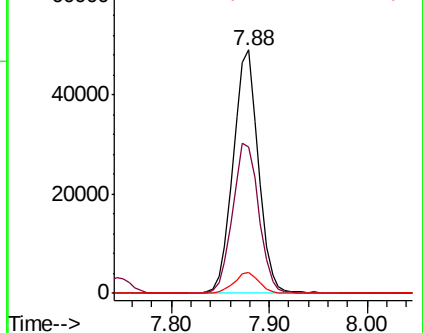
127 8.6 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 16.863 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX016503.D

Acq: 29 May 2020 12:09

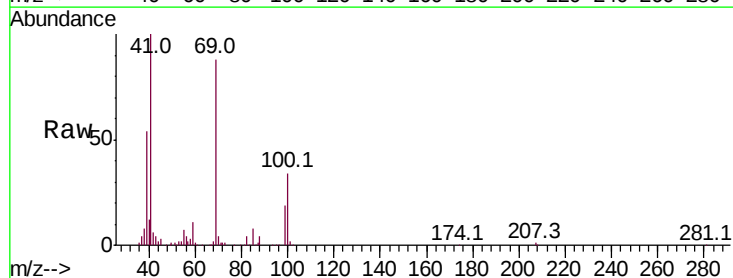
Tgt Ion: 41 Resp: 71293

Ion Ratio Lower Upper

41 100

69 87.6 68.6 102.8

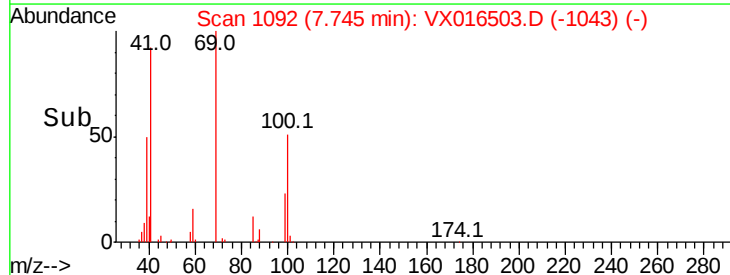
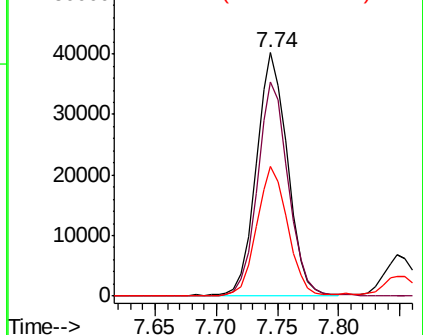
39 53.4 42.4 63.6

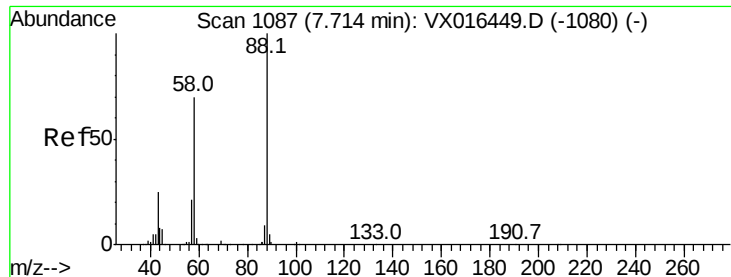


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 330.360 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX016503.D

Acq: 29 May 2020 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0529WBS01

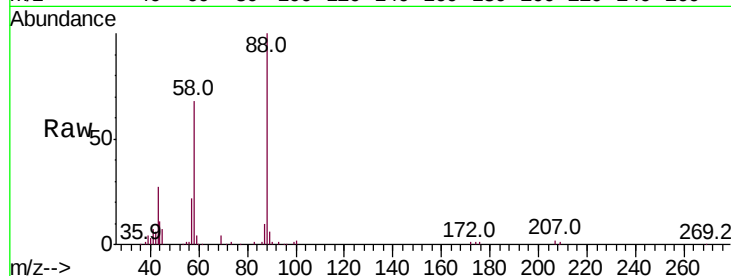
Tot Ion: 88 Resp: 32685

Ion Ratio Lower Upper

88 100

43 29.6 24.2 36.4

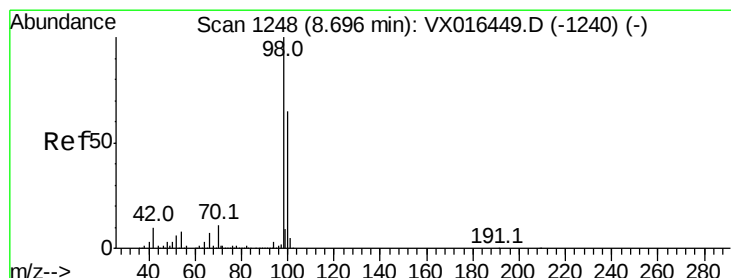
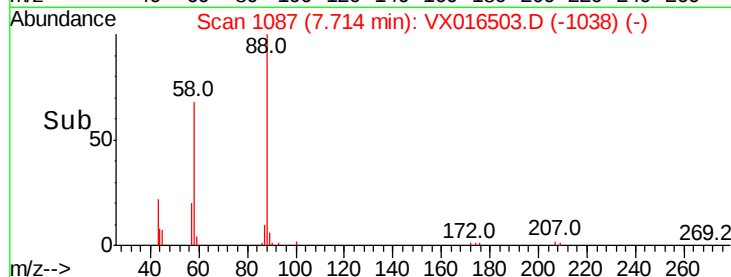
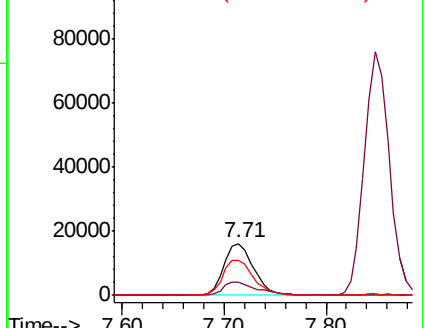
58 70.6 56.5 84.7



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 47.949 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016503.D

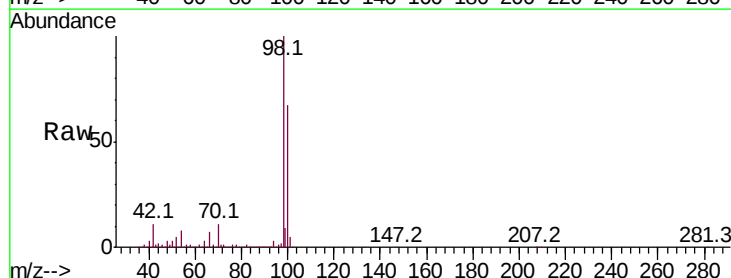
Acq: 29 May 2020 12:09

Tgt Ion: 98 Resp: 572258

Ion Ratio Lower Upper

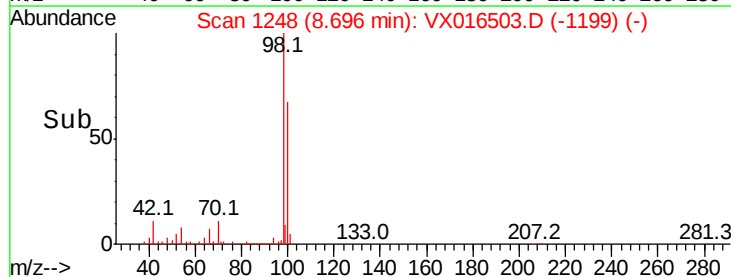
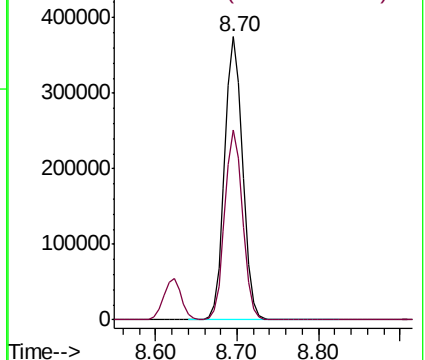
98 100

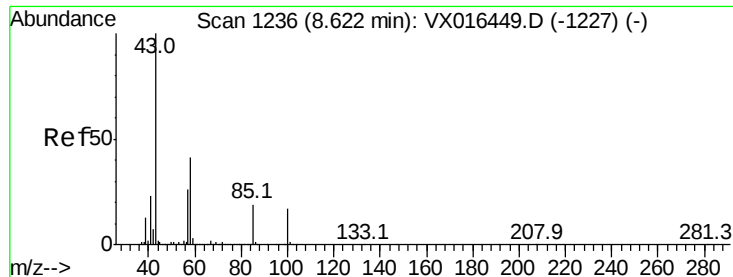
100 66.6 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 86.953 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX016503.D

Acq: 29 May 2020 12:09

Instrument :

MSVOA_X

ClientSampleId :

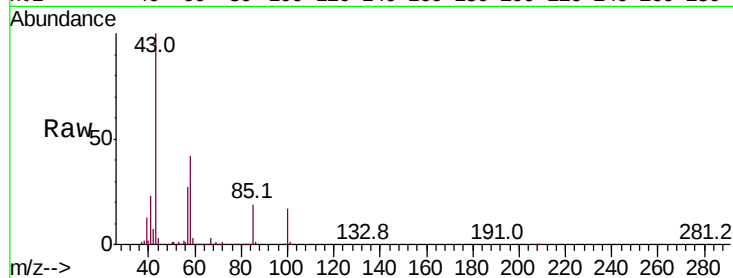
VX0529WBS01

Tot Ion: 43 Resp: 478060

Ion Ratio Lower Upper

43 100

58 41.6 33.0 49.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

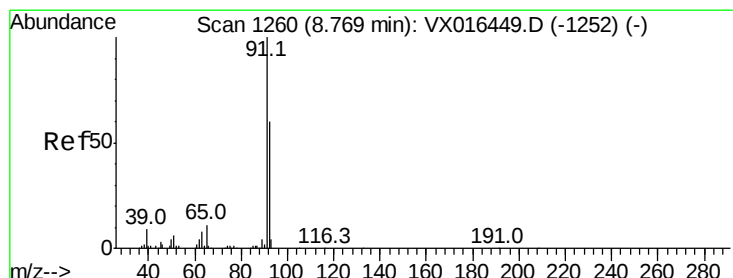
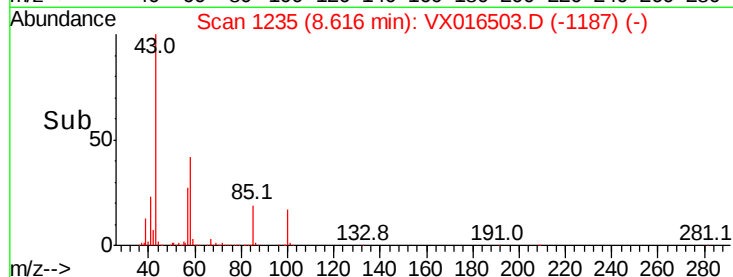
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 18.010 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016503.D

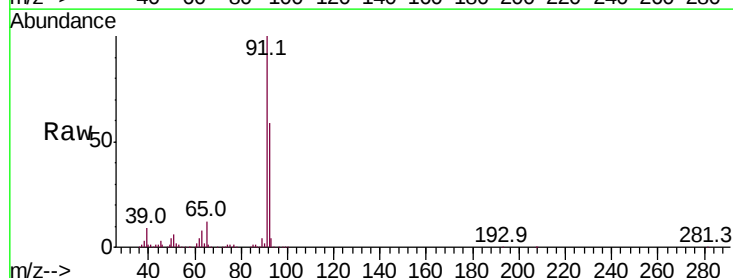
Acq: 29 May 2020 12:09

Tgt Ion: 92 Resp: 159463

Ion Ratio Lower Upper

92 100

91 169.7 135.0 202.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

200000

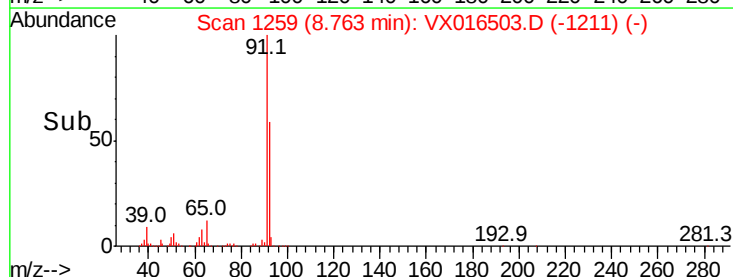
150000

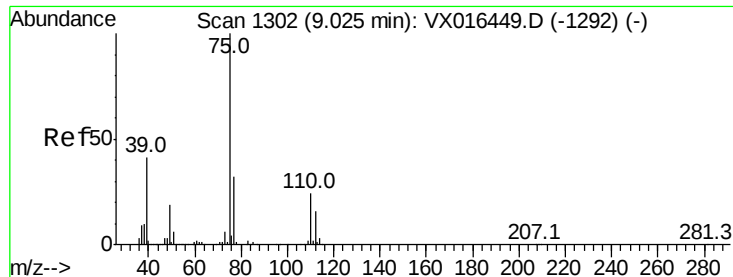
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 17.843 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX016503.D

Acq: 29 May 2020 12:09

Instrument :

MSVOA_X

ClientSampleId :

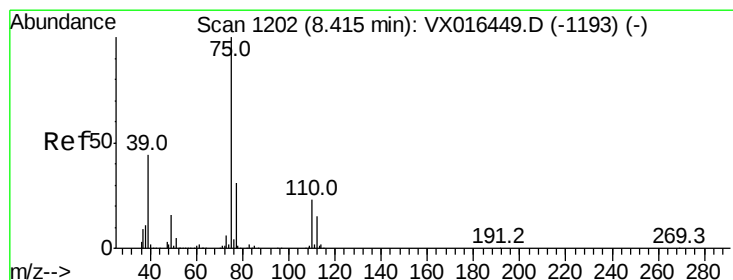
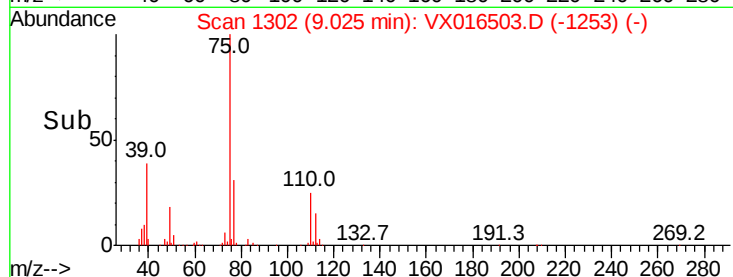
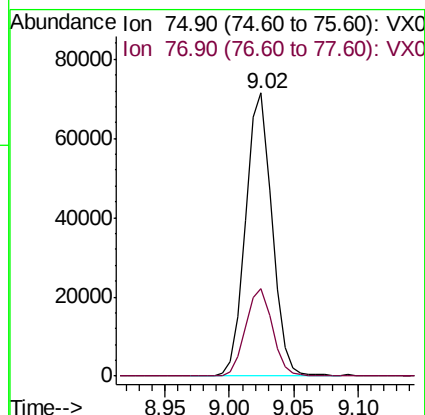
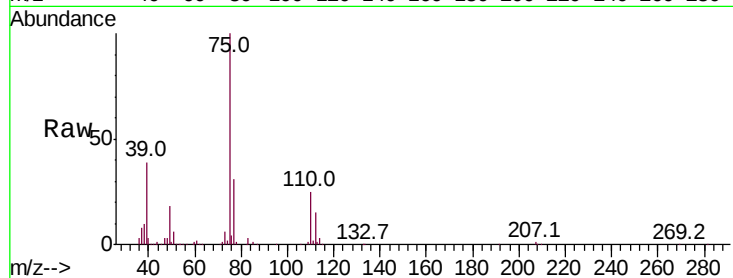
VX0529WBS01

Tot Ion: 75 Resp: 100862

Ion Ratio Lower Upper

75 100

77 31.0 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 17.997 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX016503.D

Acq: 29 May 2020 12:09

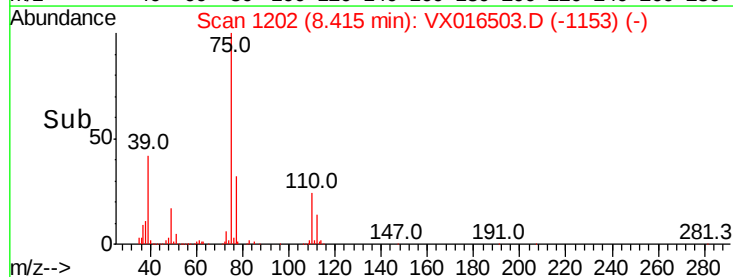
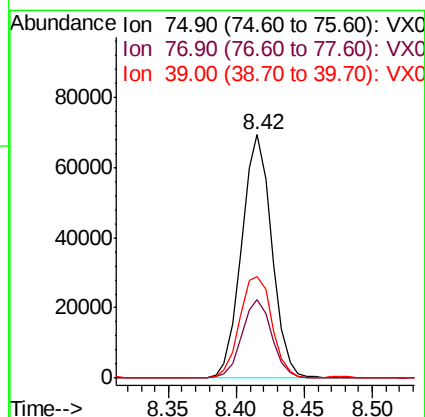
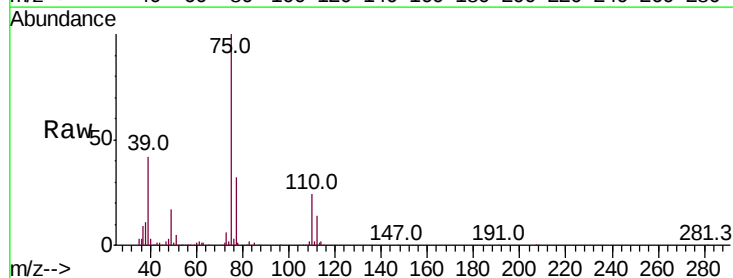
Tgt Ion: 75 Resp: 107684

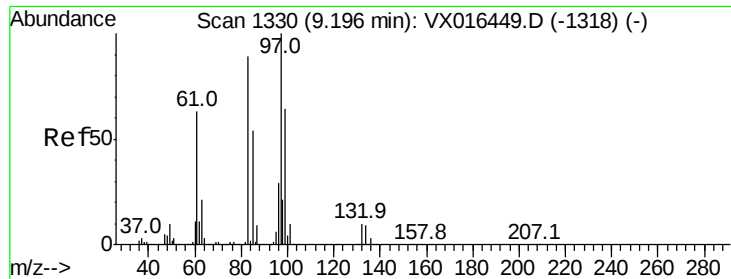
Ion Ratio Lower Upper

75 100

77 32.2 24.6 36.8

39 41.6 35.3 52.9

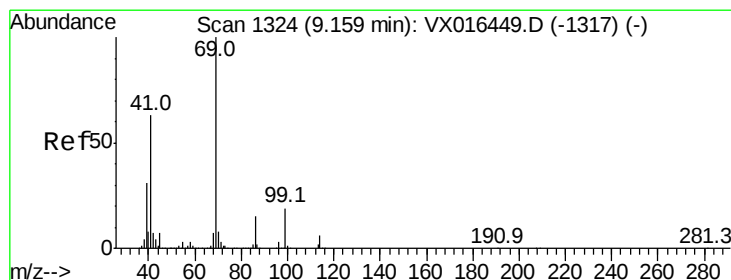
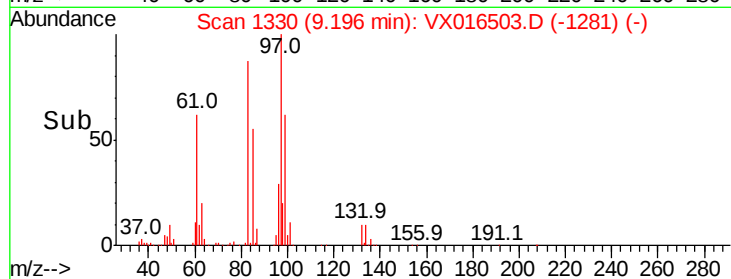
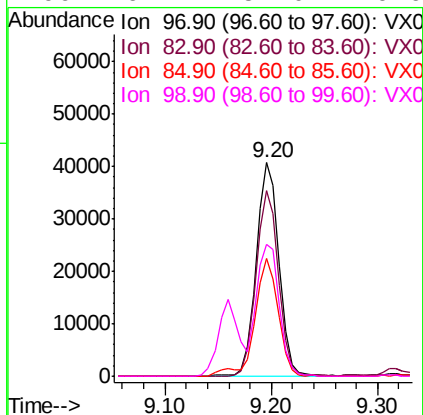
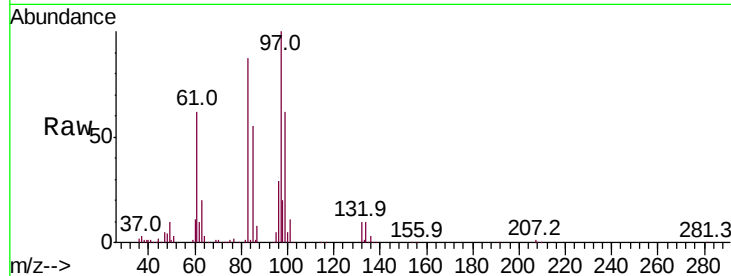




#55
 1,1,2-Trichloroethane
 Concen: 17.355 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016503.D
 Acq: 29 May 2020 12:09

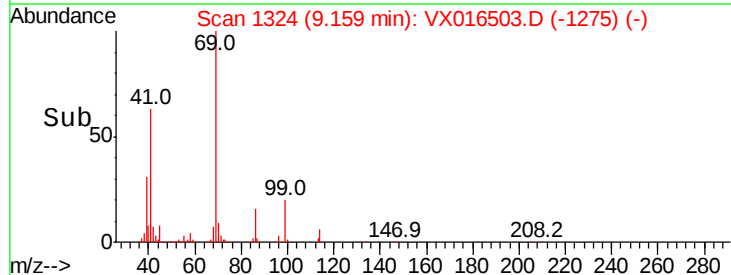
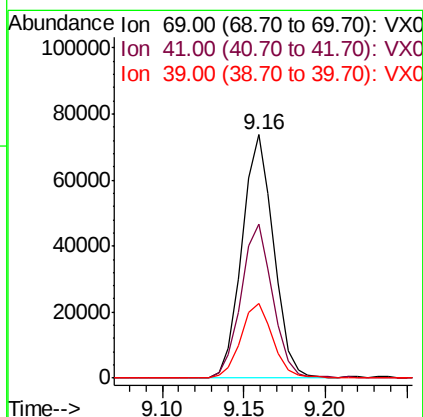
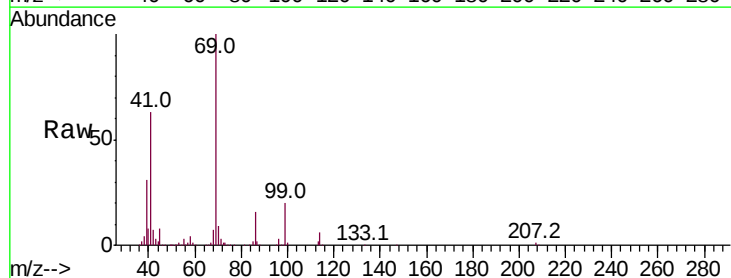
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0529WBS01

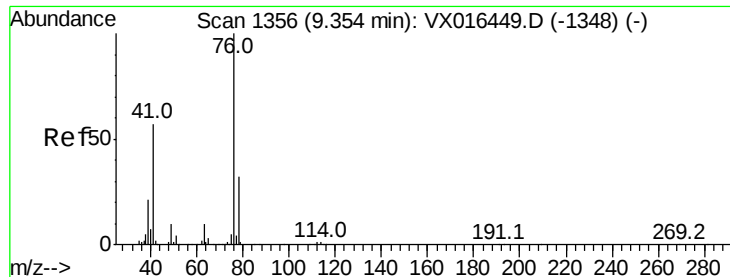
Tot Ion:	97	Resp:	61097
Ion	Ratio	Lower	Upper
97	100		
83	87.1	70.9	106.3
85	55.4	43.4	65.2
99	61.7	51.0	76.6



#56
 Ethyl methacrylate
 Concen: 17.407 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016503.D
 Acq: 29 May 2020 12:09

Tgt Ion:	69	Resp:	99803
Ion	Ratio	Lower	Upper
69	100		
41	63.1	50.7	76.1
39	31.0	25.8	38.6





#57

1,3-Dichloropropane

Concen: 17.810 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX016503.D

Acq: 29 May 2020 12:09

Instrument :

MSVOA_X

ClientSampleId :

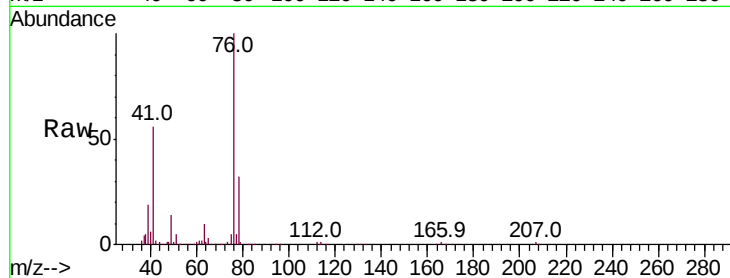
VX0529WBS01

Tot Ion: 76 Resp: 107616

Ion Ratio Lower Upper

76 100

78 32.4 26.2 39.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

80000

60000

40000

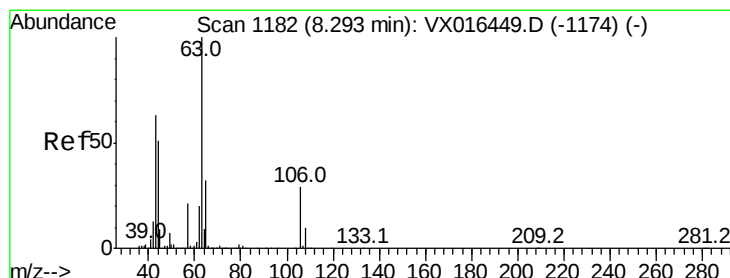
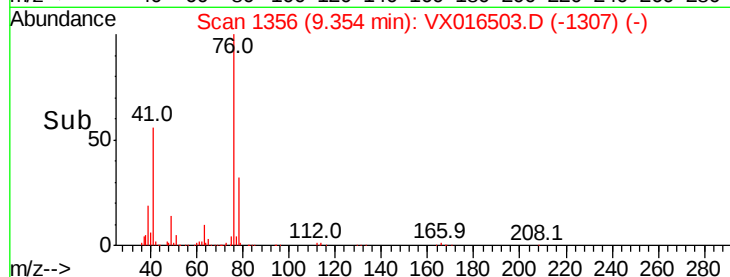
20000

0

9.30

9.40

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 88.873 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX016503.D

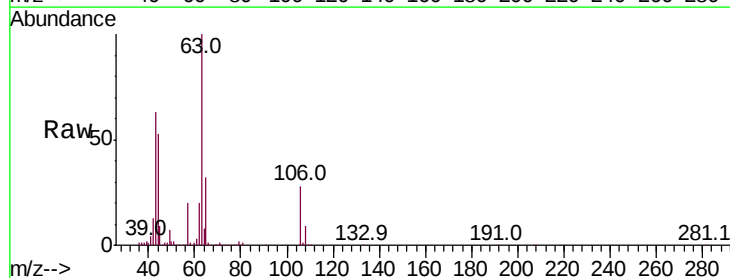
Acq: 29 May 2020 12:09

Tgt Ion: 63 Resp: 265962

Ion Ratio Lower Upper

63 100

106 28.9 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

200000

150000

100000

50000

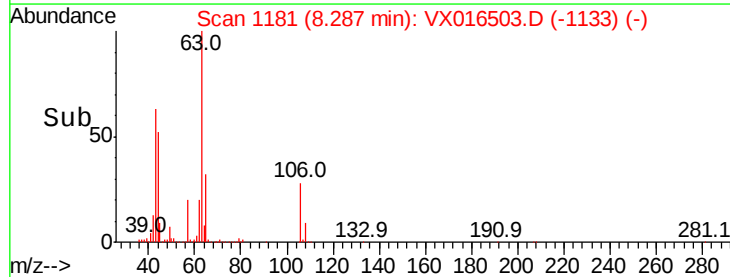
0

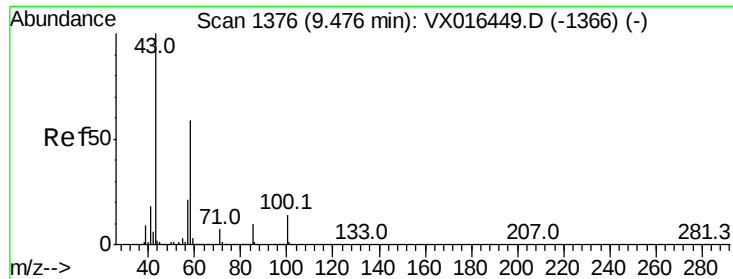
8.20

8.30

8.40

Time-->

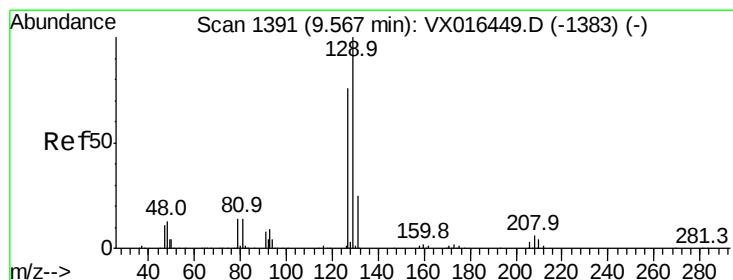
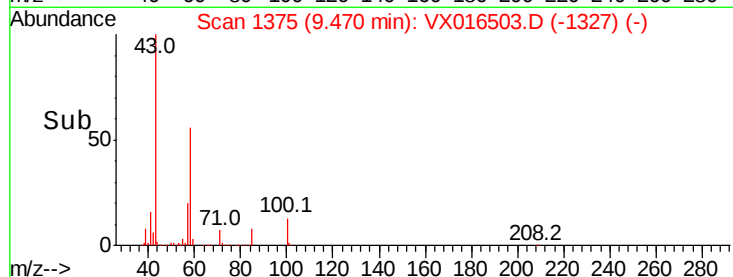
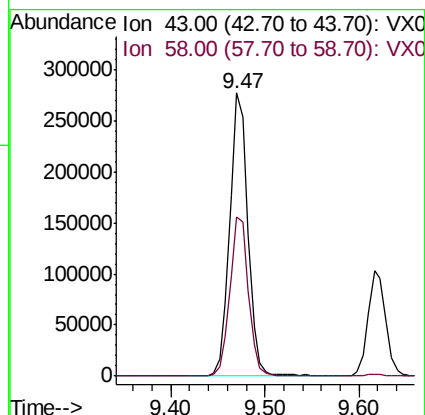
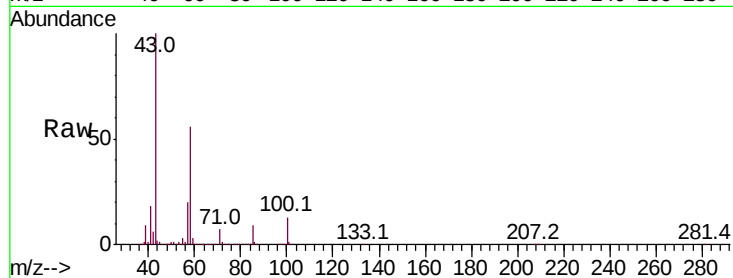




#59
2-Hexanone
Concen: 86.635 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016503.D
Acq: 29 May 2020 12:09

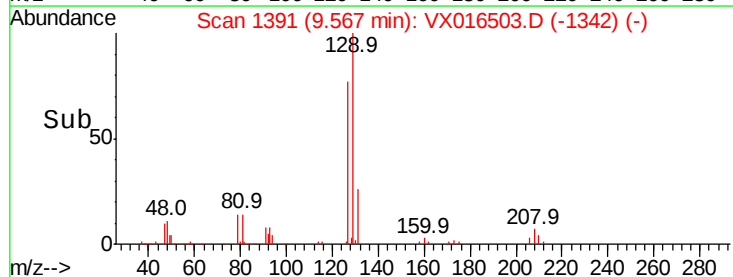
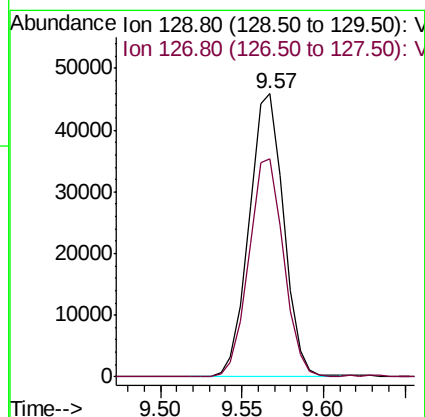
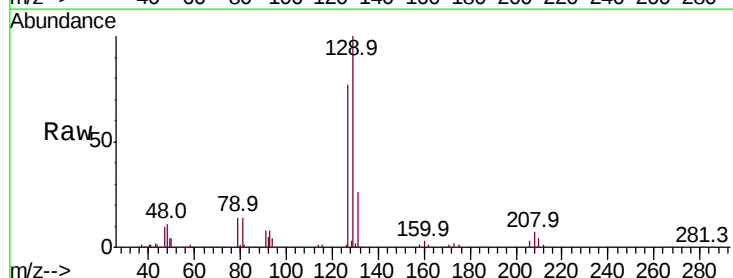
Instrument :
MSVOA_X
ClientSampleId :
VX0529WBS01

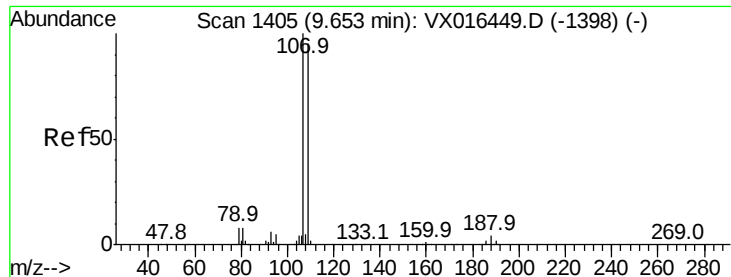
Tot Ion: 43 Resp: 370407
Ion Ratio Lower Upper
43 100
58 57.8 28.8 86.4



#60
Dibromochloromethane
Concen: 17.167 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX016503.D
Acq: 29 May 2020 12:09

Tgt Ion: 129 Resp: 68012
Ion Ratio Lower Upper
129 100
127 77.5 38.6 116.0





#61

1,2-Dibromoethane

Concen: 17.556 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX016503.D

Acq: 29 May 2020 12:09

Instrument :

MSVOA_X

ClientSampleId :

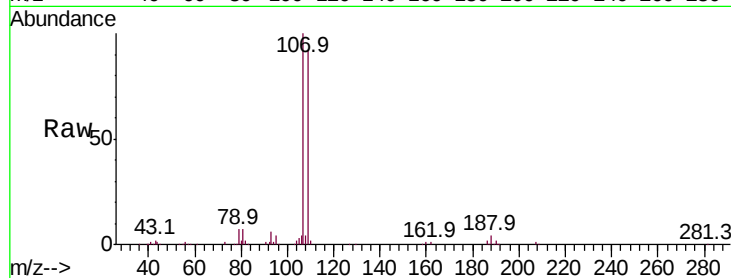
VX0529WBS01

Tot Ion:107 Resp: 66184

Ion Ratio Lower Upper

107 100

109 93.0 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

50000

40000

30000

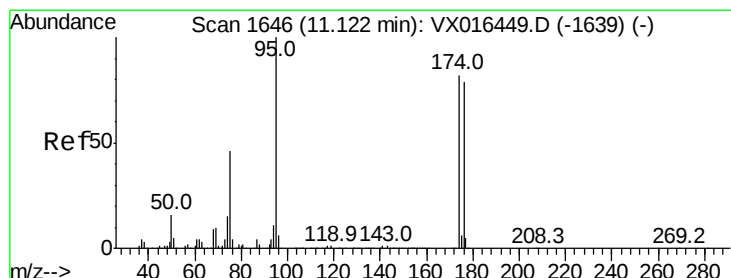
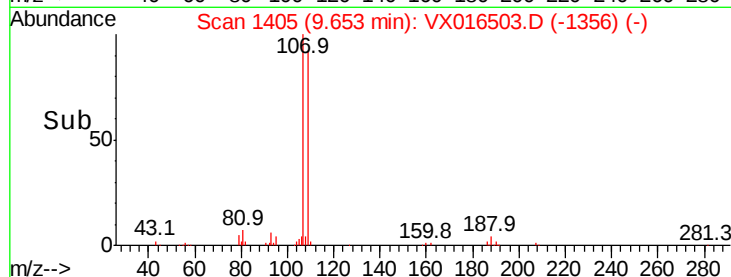
20000

10000

0

9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 45.723 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016503.D

Acq: 29 May 2020 12:09

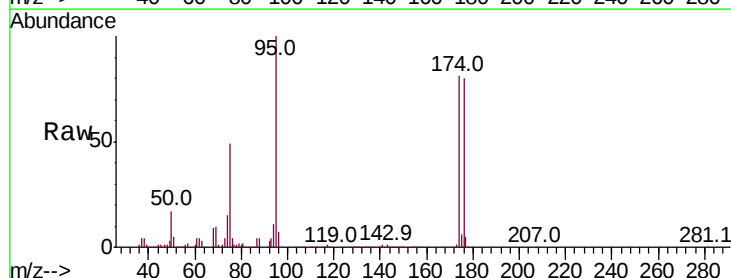
Tgt Ion: 95 Resp: 210854

Ion Ratio Lower Upper

95 100

174 80.6 0.0 163.0

176 79.6 0.0 156.8



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

11.12

200000

150000

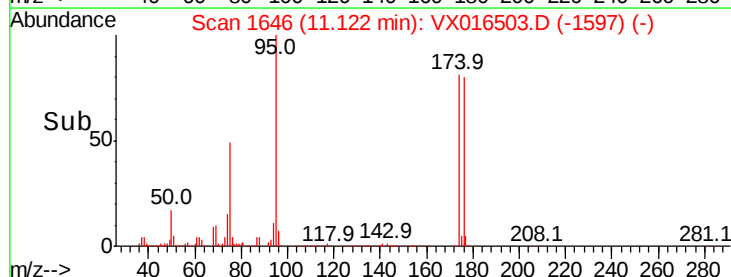
100000

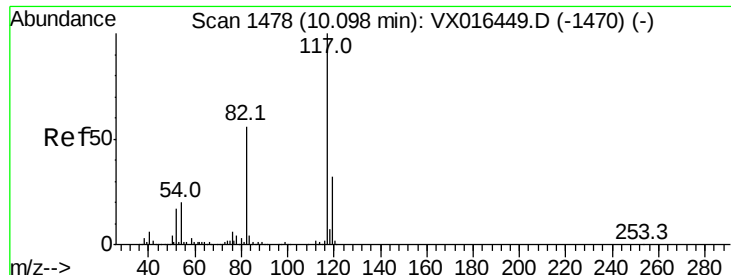
50000

0

11.10 11.20

Time-->

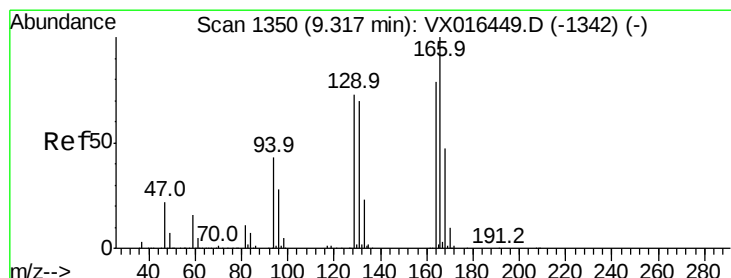
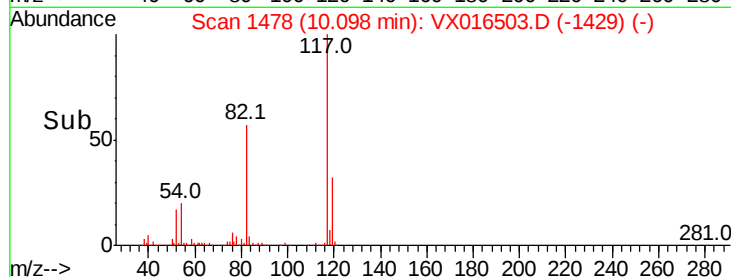
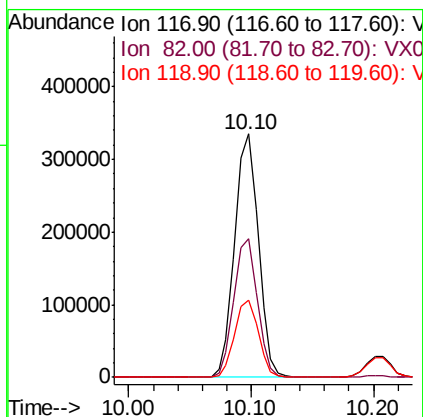
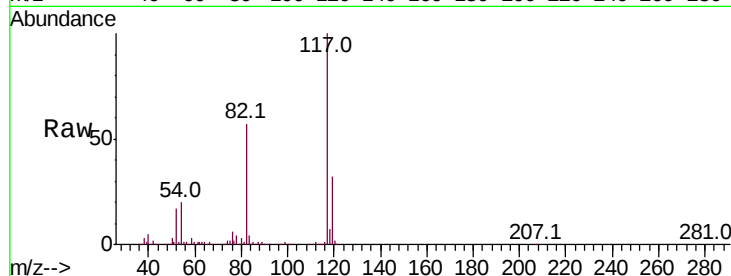




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016503.D
Acq: 29 May 2020 12:09

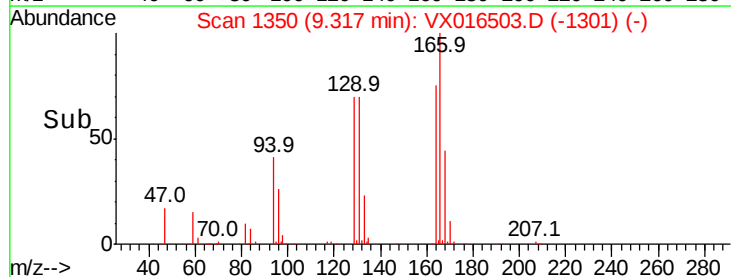
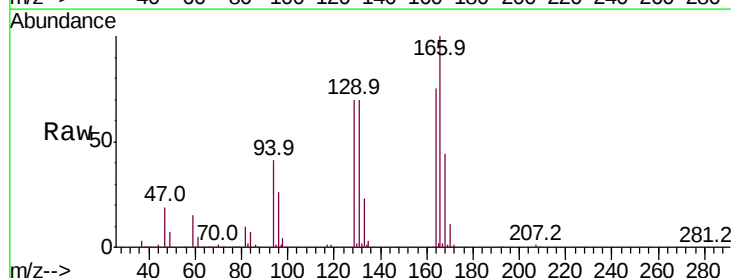
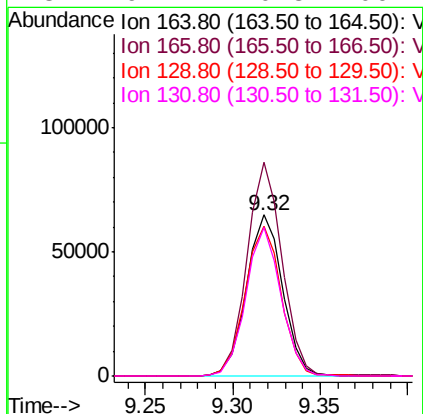
Instrument :
MSVOA_X
ClientSampleId :
VX0529WBS01

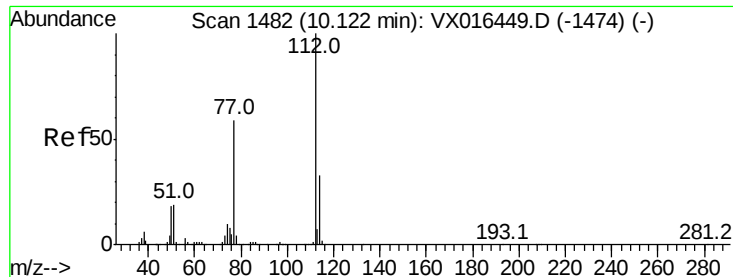
Tot Ion:117 Resp: 449522
Ion Ratio Lower Upper
117 100
82 56.7 45.0 67.6
119 31.7 25.8 38.8



#64
Tetrachloroethene
Concen: 18.522 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX016503.D
Acq: 29 May 2020 12:09

Tgt Ion:164 Resp: 93151
Ion Ratio Lower Upper
164 100
166 132.5 100.9 151.3
129 93.1 73.2 109.8
131 92.4 70.8 106.2





#65

Chlorobenzene

Concen: 18.036 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX016503.D

Acq: 29 May 2020 12:09

Instrument :

MSVOA_X

ClientSampleId :

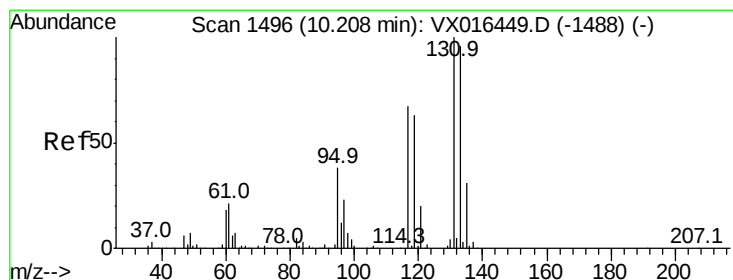
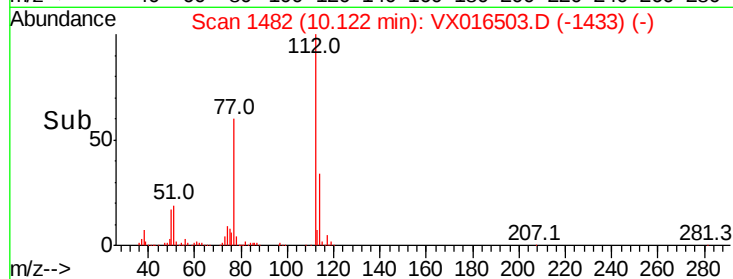
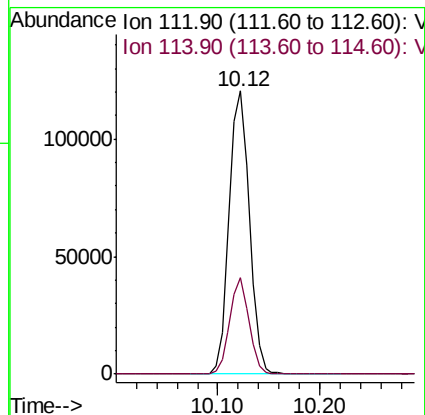
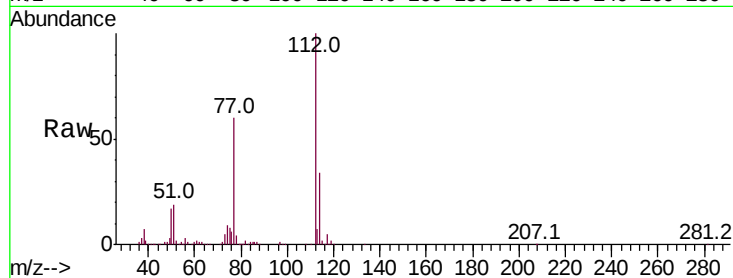
VX0529WBS01

Tot Ion:112 Resp: 165295

Ion Ratio Lower Upper

112 100

114 34.2 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 17.757 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VX016503.D

Acq: 29 May 2020 12:09

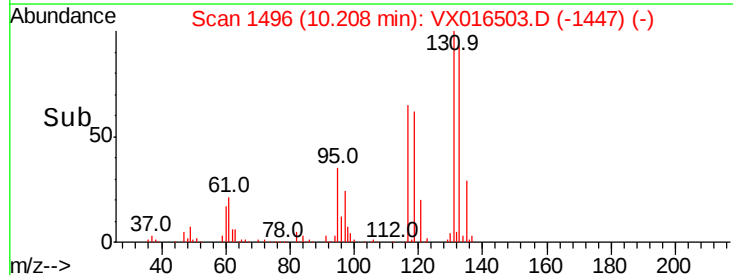
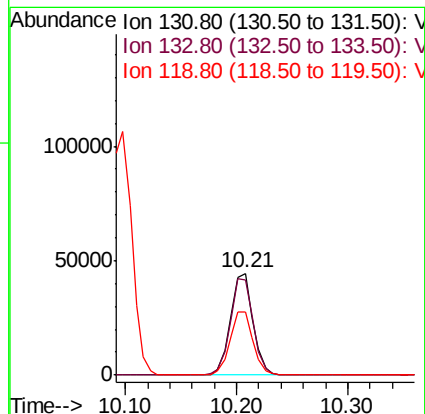
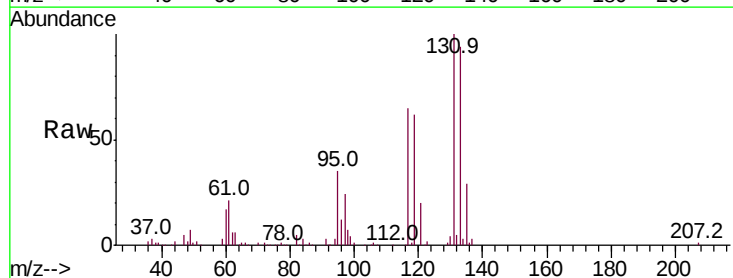
Tgt Ion:131 Resp: 62121

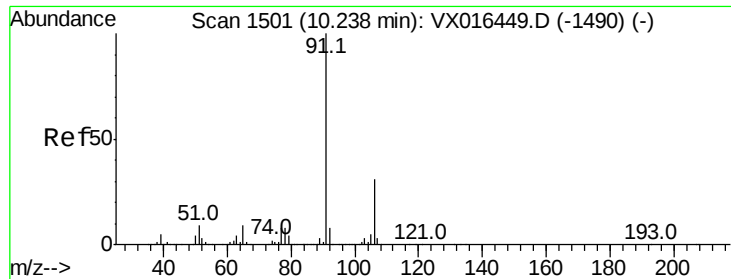
Ion Ratio Lower Upper

131 100

133 96.3 48.4 145.3

119 62.5 32.0 96.2





#67

Ethyl Benzene

Concen: 18.160 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX016503.D

Acq: 29 May 2020 12:09

Instrument :

MSVOA_X

ClientSampleId :

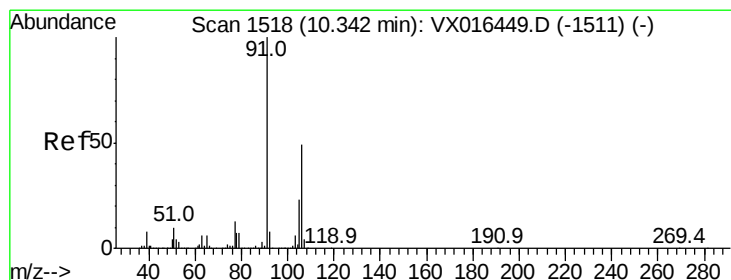
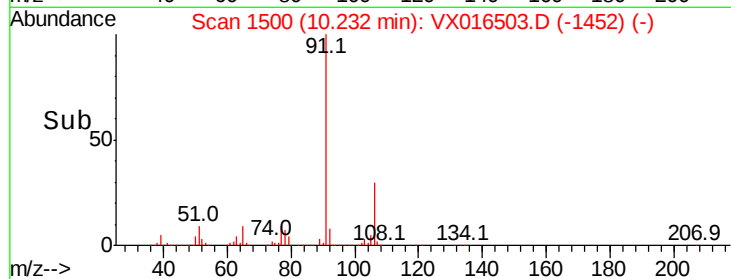
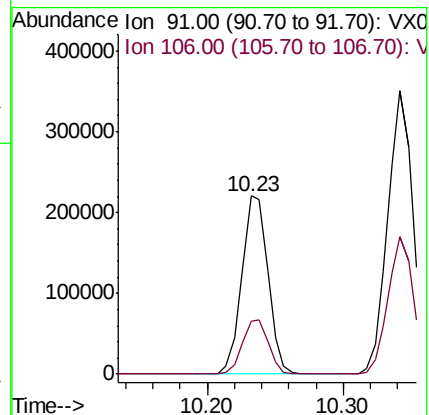
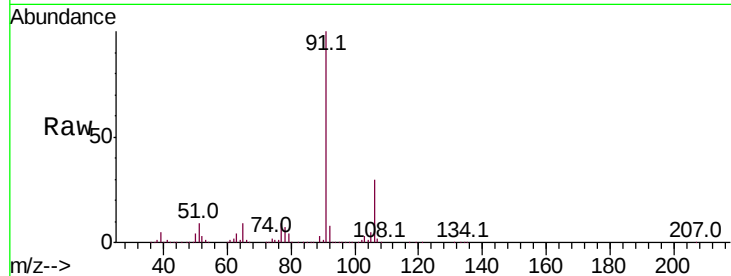
VX0529WBS01

Tot Ion: 91 Resp: 296315

Ion Ratio Lower Upper

91 100

106 29.9 25.0 37.4



#68

m/p-Xylenes

Concen: 36.966 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX016503.D

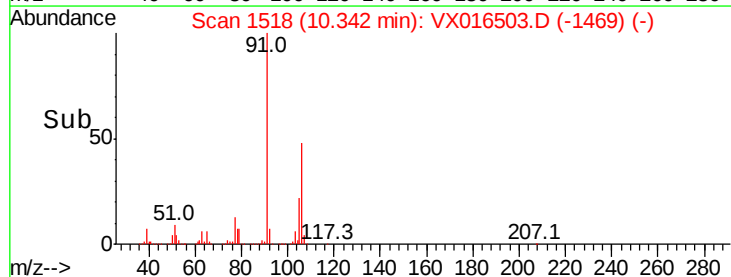
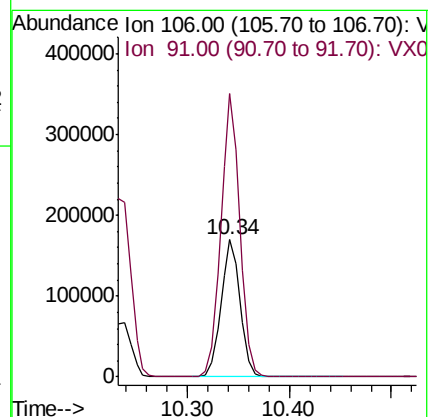
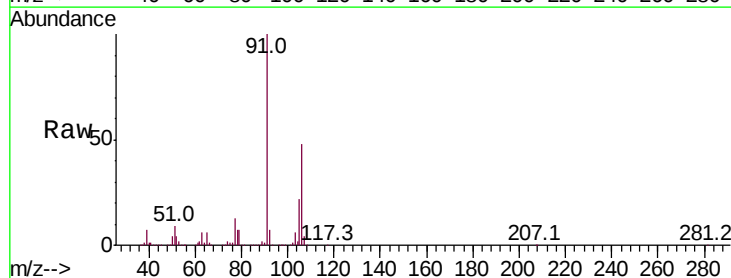
Acq: 29 May 2020 12:09

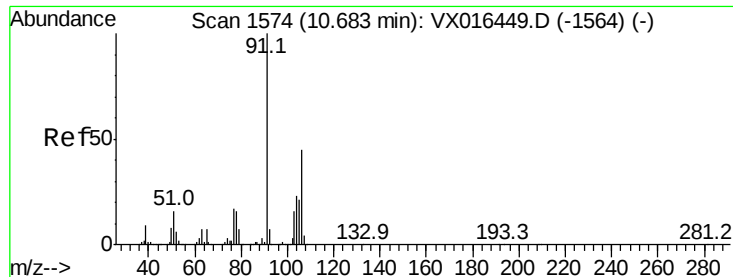
Tgt Ion: 106 Resp: 223637

Ion Ratio Lower Upper

106 100

91 204.6 163.8 245.8

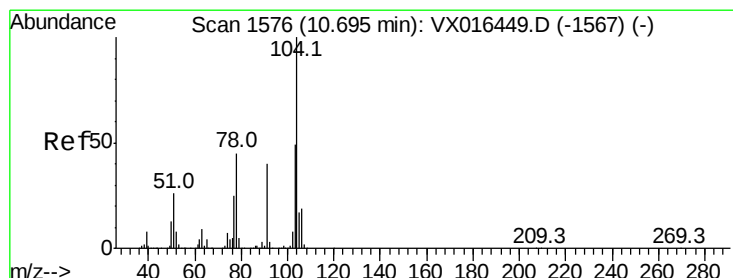
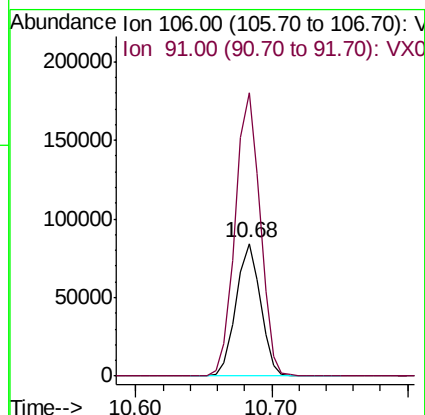
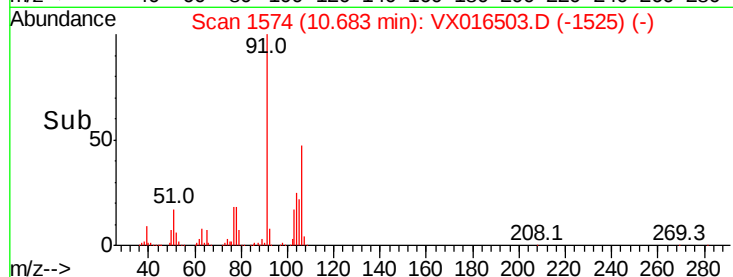
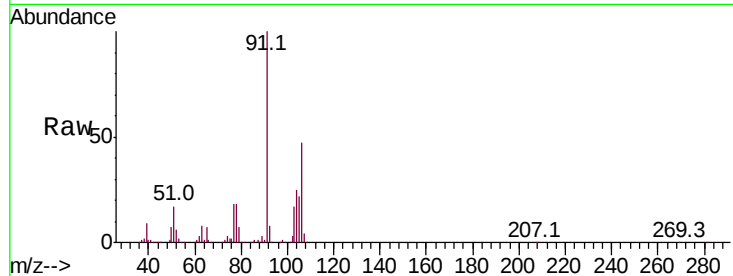




#69
o-Xylene
Concen: 18.133 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016503.D
Acq: 29 May 2020 12:09

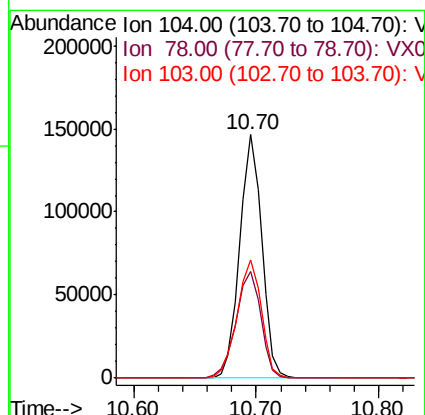
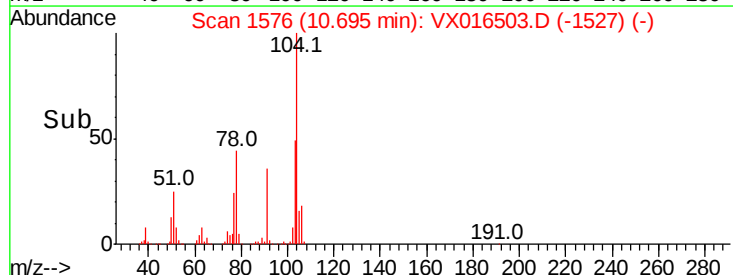
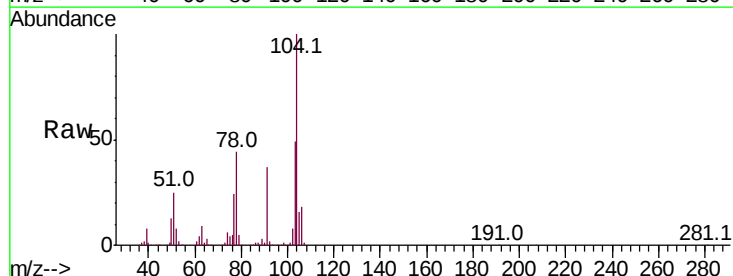
Instrument :
MSVOA_X
ClientSampleId :
VX0529WBS01

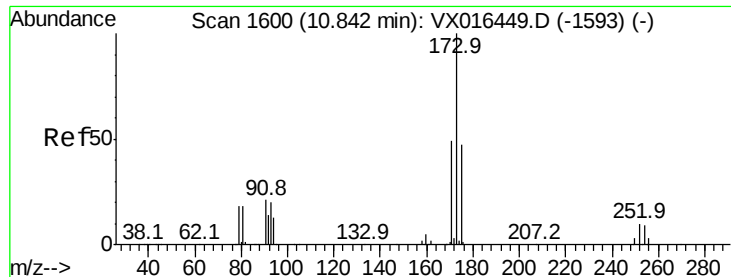
Tot Ion:106 Resp: 106242
Ion Ratio Lower Upper
106 100
91 217.2 109.6 328.8



#70
Styrene
Concen: 18.172 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016503.D
Acq: 29 May 2020 12:09

Tgt Ion:104 Resp: 183009
Ion Ratio Lower Upper
104 100
78 49.6 40.2 60.2
103 53.7 43.1 64.7





#71

Bromoform

Concen: 17.614 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX016503.D

Acq: 29 May 2020 12:09

Instrument :

MSVOA_X

ClientSampled :

VX0529WBS01

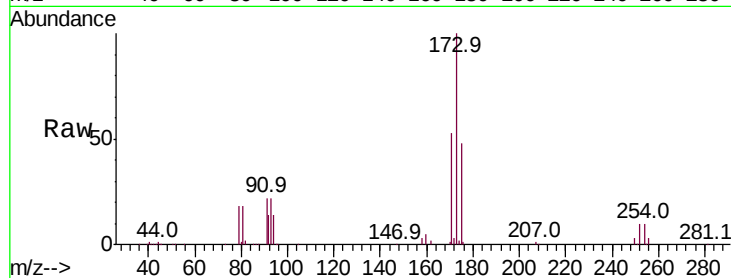
Tot Ion:173 Resp: 52076

Ion Ratio Lower Upper

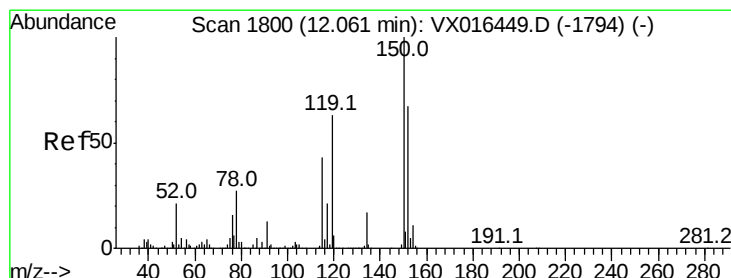
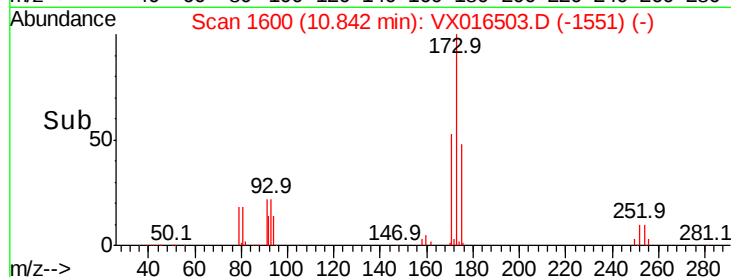
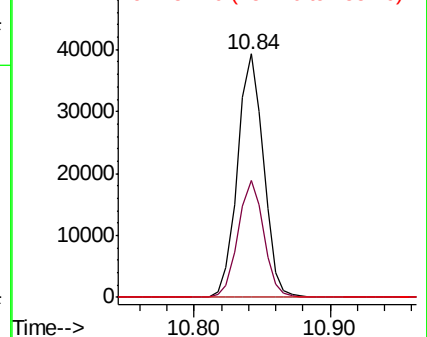
173 100

175 47.6 23.9 71.7

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: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX016503.D

Acq: 29 May 2020 12:09

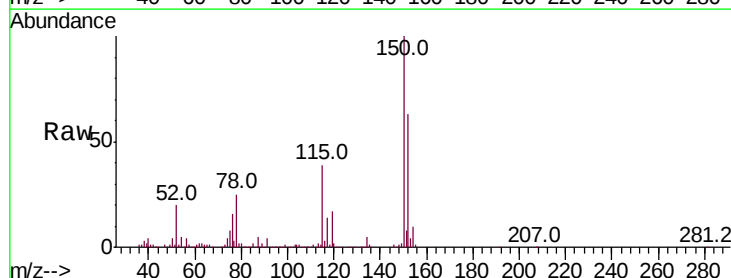
Tgt Ion:152 Resp: 220285

Ion Ratio Lower Upper

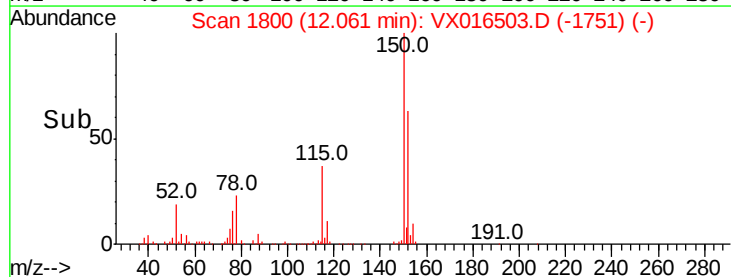
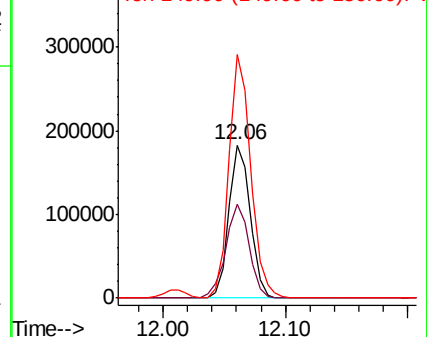
152 100

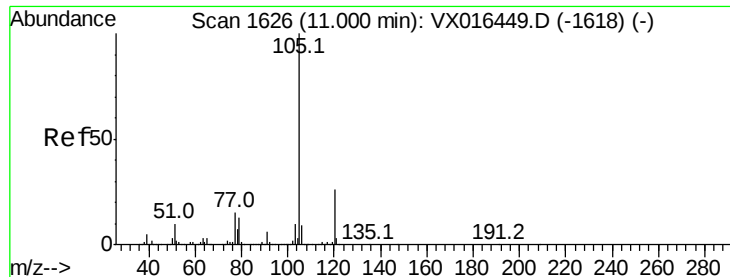
115 67.6 39.9 119.6

150 162.6 0.0 341.0



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





#73

Isopropylbenzene

Concen: 18.415 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016503.D

Acq: 29 May 2020 12:09

Instrument :

MSVOA_X

ClientSampleId :

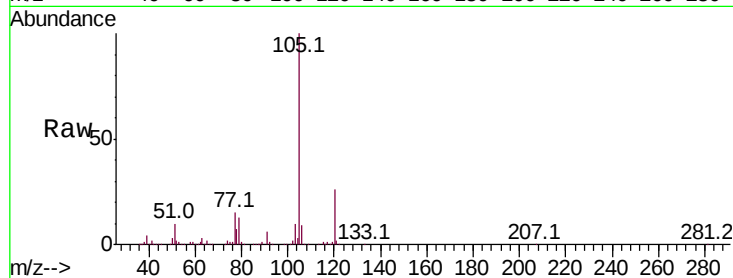
VX0529WBS01

Tot Ion:105 Resp: 281063

Ion Ratio Lower Upper

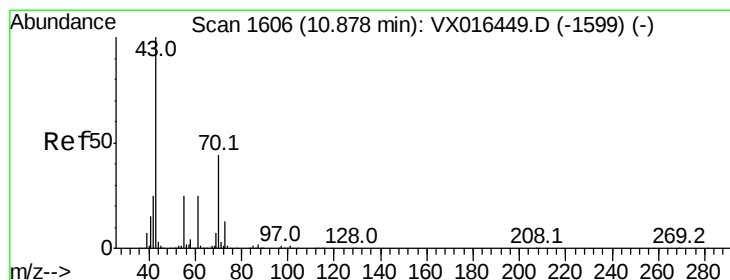
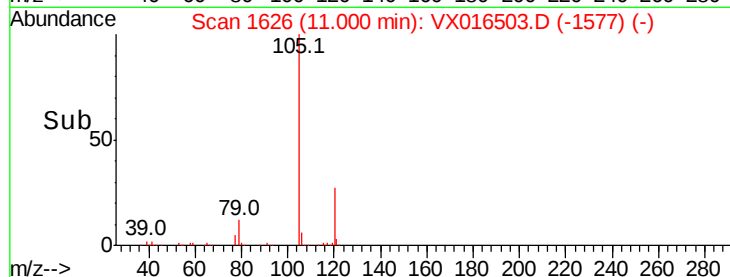
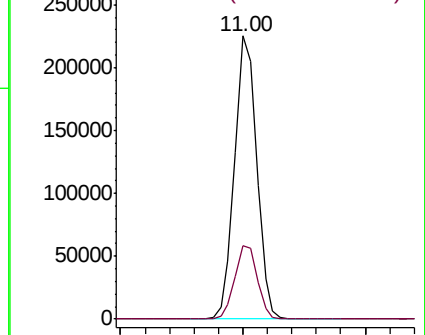
105 100

120 26.4 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.953 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX016503.D

Acq: 29 May 2020 12:09

Tgt Ion: 43 Resp: 126038

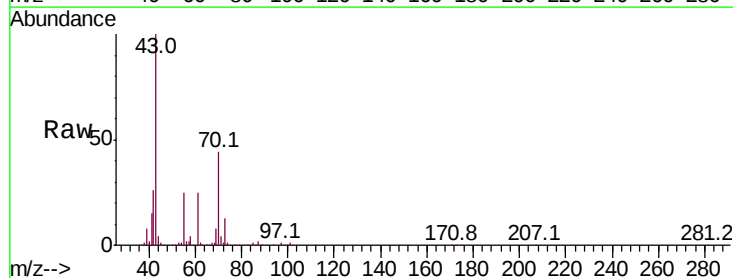
Ion Ratio Lower Upper

43 100

70 46.0 36.1 54.1

55 25.6 20.2 30.4

61 26.1 20.3 30.5

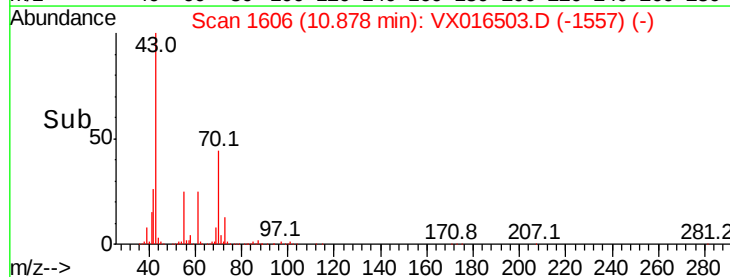
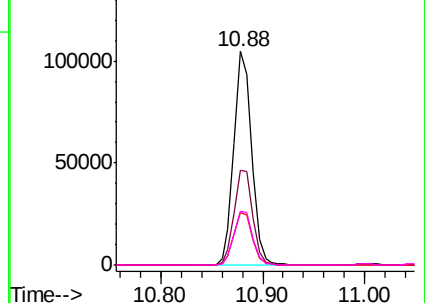


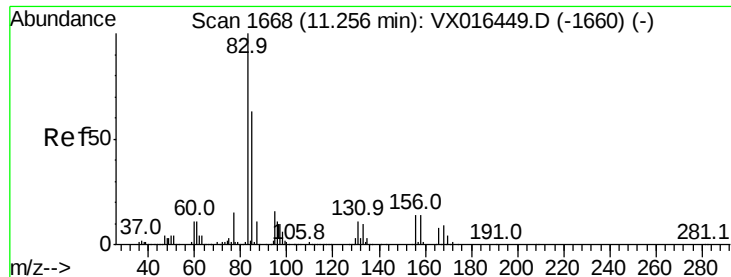
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 17.150 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016503.D

Acq: 29 May 2020 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0529WBS01

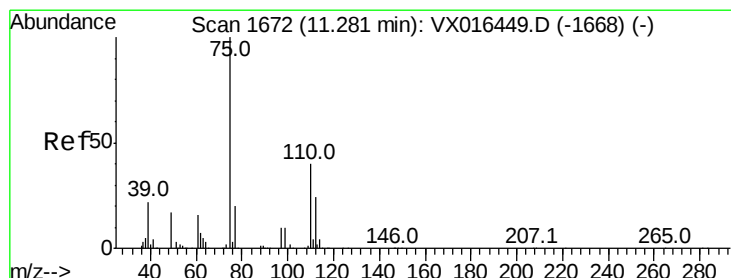
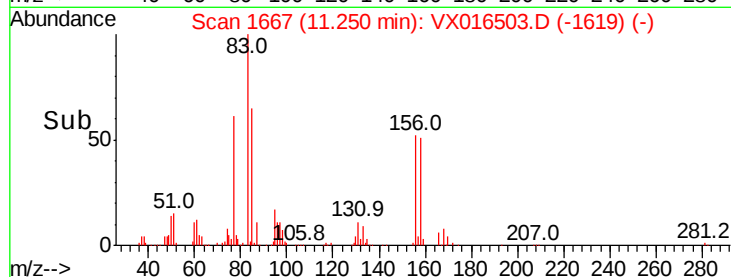
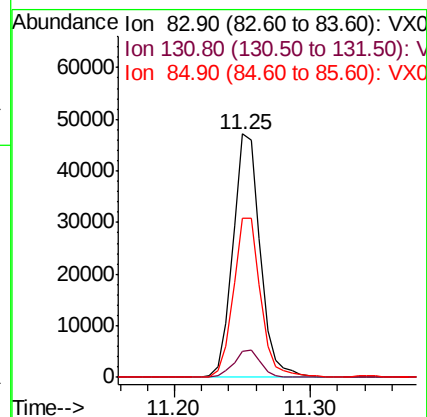
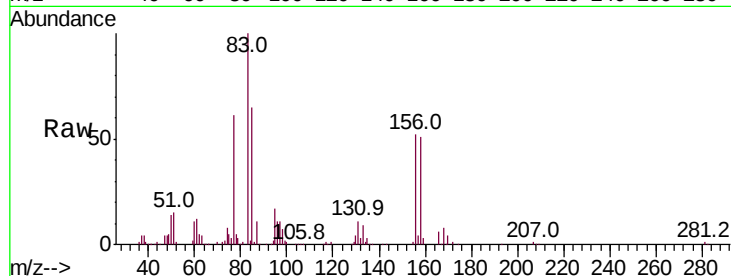
Tot Ion: 83 Resp: 65603

Ion Ratio Lower Upper

83 100

131 10.9 5.1 15.3

85 65.7 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 23.730 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX016503.D

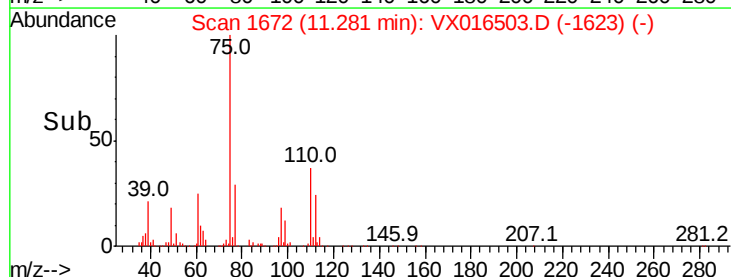
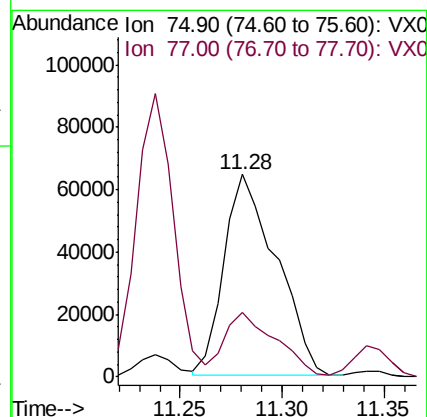
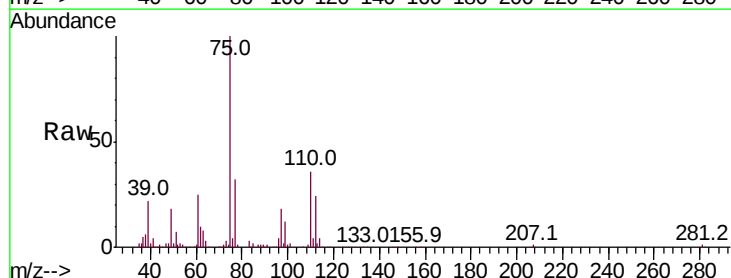
Acq: 29 May 2020 12:09

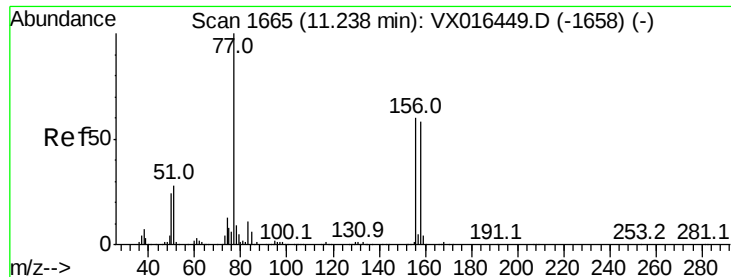
Tgt Ion: 75 Resp: 114899

Ion Ratio Lower Upper

75 100

77 31.6 21.3 63.7





#77

Bromobenzene

Concen: 18.111 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016503.D

Acq: 29 May 2020 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0529WBS01

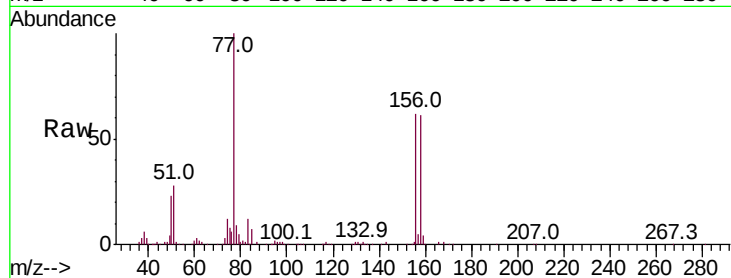
Tot Ion:156 Resp: 72504

Ion Ratio Lower Upper

156 100

77 159.5 79.6 238.8

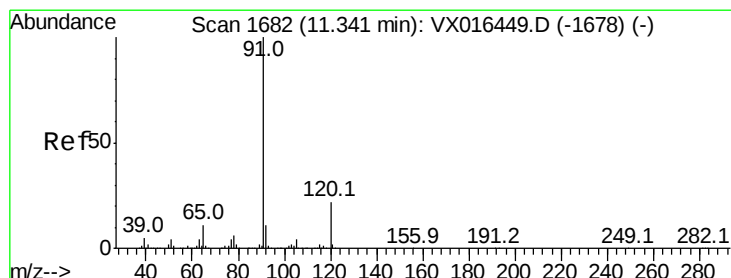
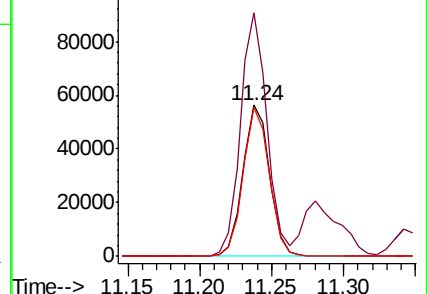
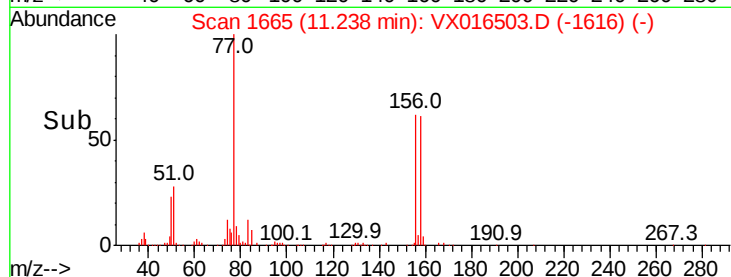
158 96.4 48.1 144.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.216 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX016503.D

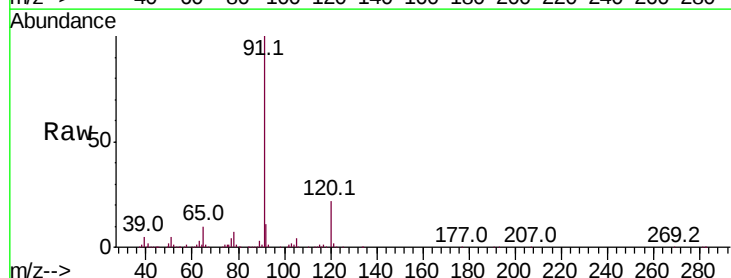
Acq: 29 May 2020 12:09

Tgt Ion: 91 Resp: 310616

Ion Ratio Lower Upper

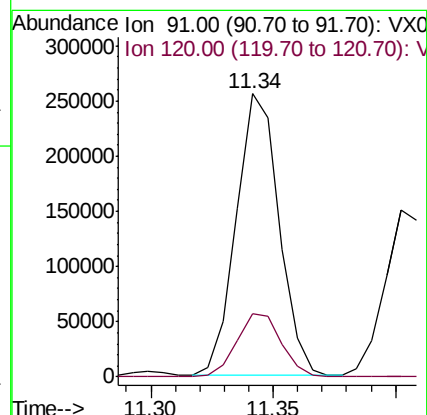
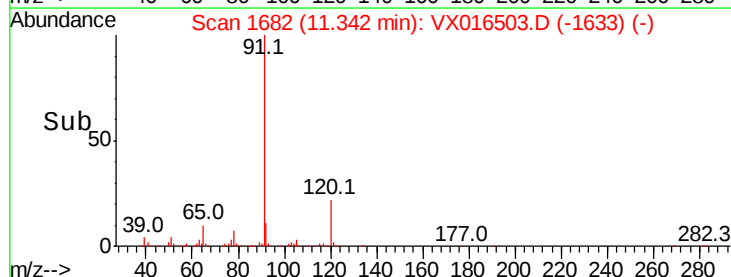
91 100

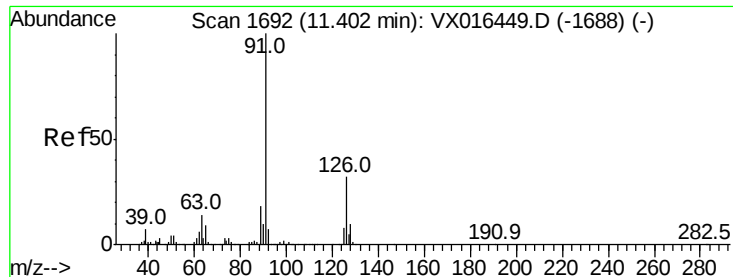
120 23.4 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.491 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX016503.D

Acq: 29 May 2020 12:09

Instrument :

MSVOA_X

ClientSampleId :

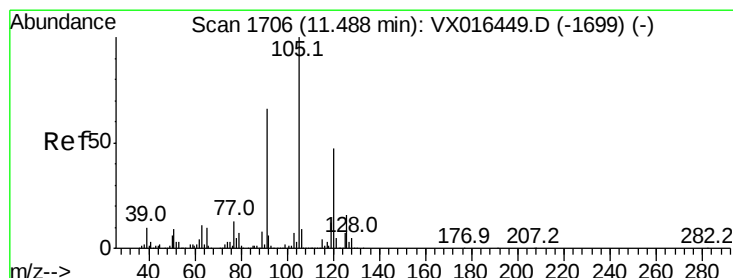
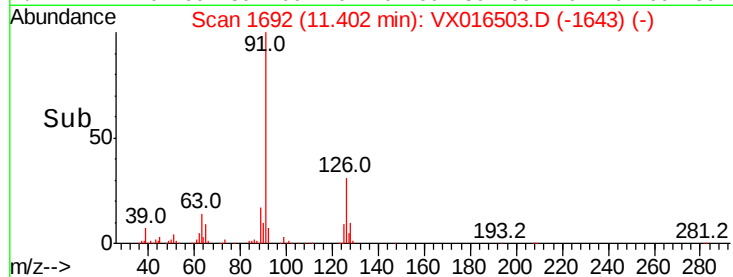
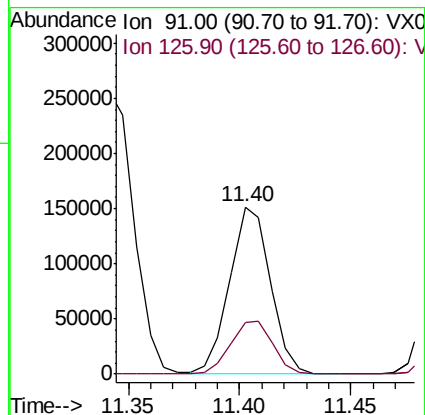
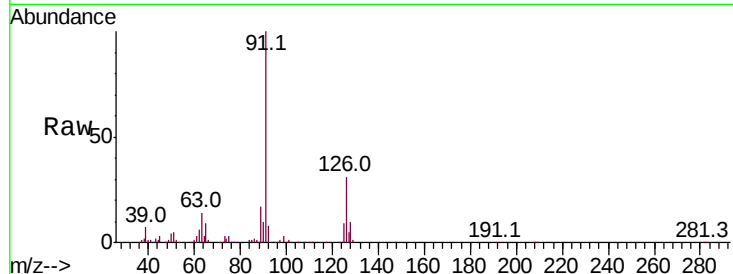
VX0529WBS01

Tot Ion: 91 Resp: 192469

Ion Ratio Lower Upper

91 100

126 33.3 16.8 50.3



#80

1,3,5-Trimethylbenzene

Concen: 18.478 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX016503.D

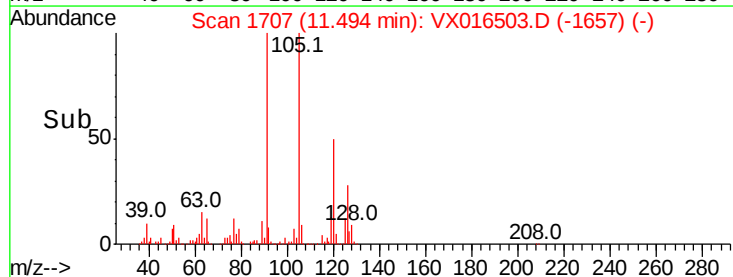
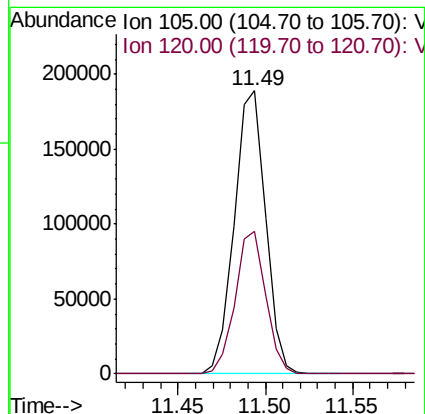
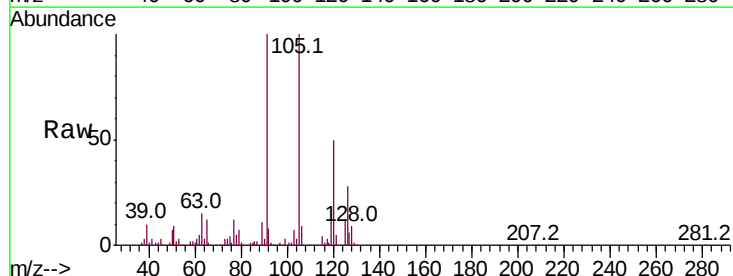
Acq: 29 May 2020 12:09

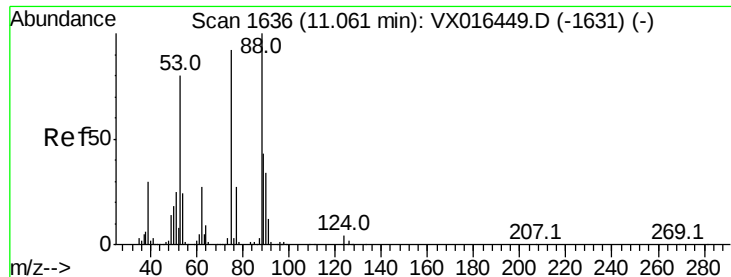
Tgt Ion:105 Resp: 235488

Ion Ratio Lower Upper

105 100

120 49.3 24.3 72.8

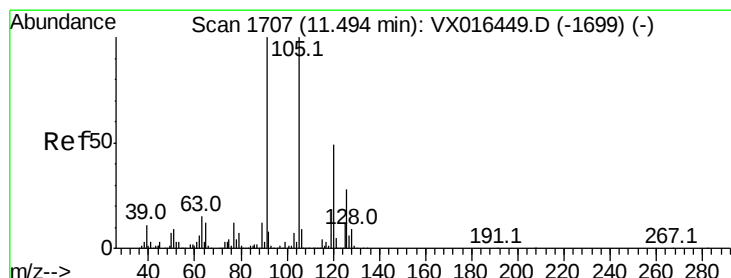
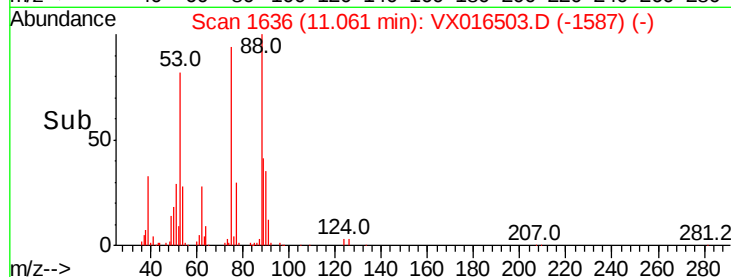
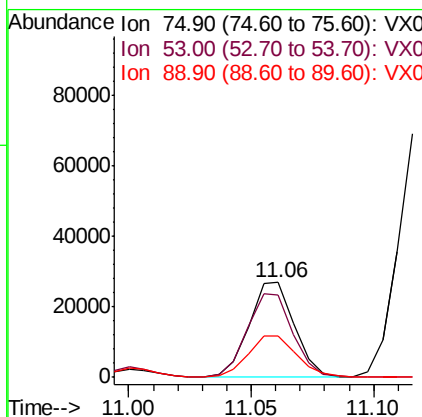
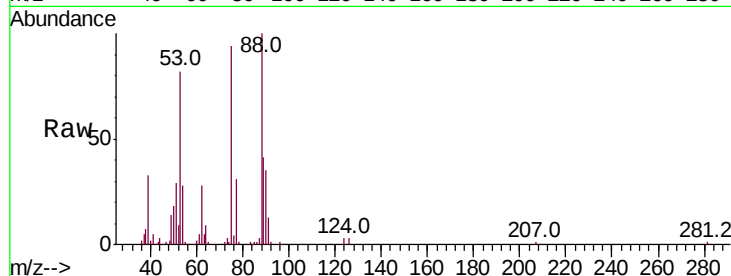




#81
trans-1,4-Dichloro-2-butene
Concen: 17.579 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VX016503.D
Acq: 29 May 2020 12:09

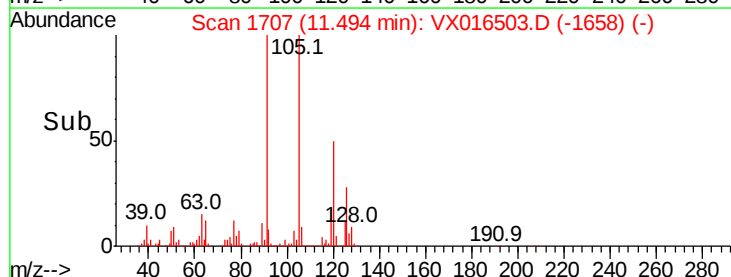
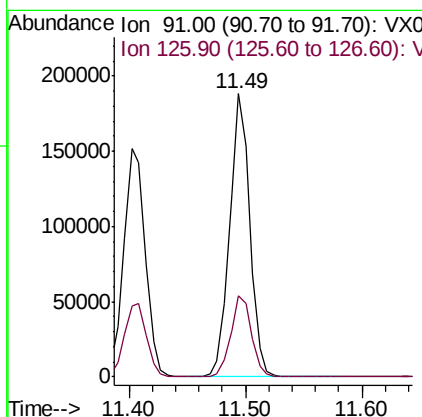
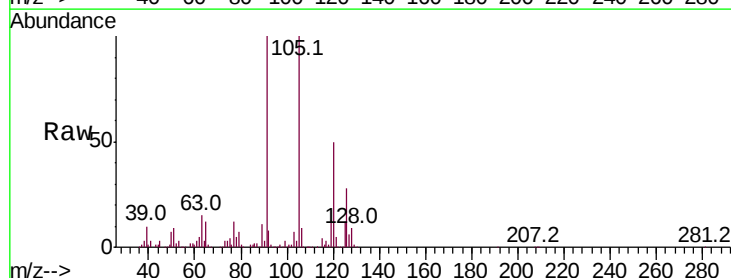
Instrument :
MSVOA_X
ClientSampleId :
VX0529WBS01

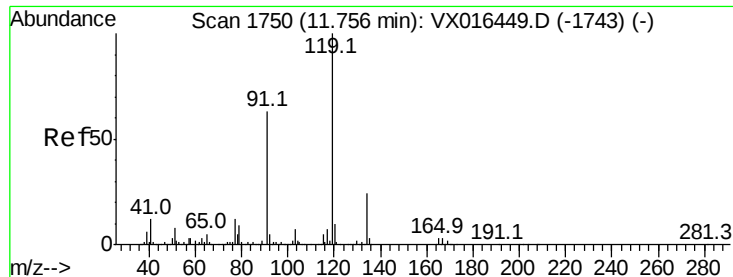
Tot Ion: 75 Resp: 34602
Ion Ratio Lower Upper
75 100
53 89.2 71.3 106.9
89 47.7 36.6 55.0



#82
4-Chlorotoluene
Concen: 18.433 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX016503.D
Acq: 29 May 2020 12:09

Tgt Ion: 91 Resp: 226563
Ion Ratio Lower Upper
91 100
126 29.6 14.7 44.1





#83

tert-Butylbenzene

Concen: 18.301 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX016503.D

Acq: 29 May 2020 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0529WBS01

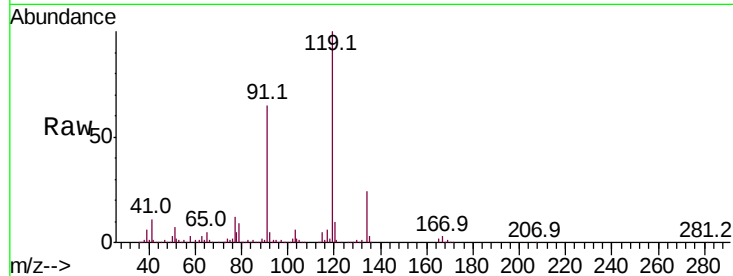
Tot Ion:119 Resp: 199294

Ion Ratio Lower Upper

119 100

91 64.1 31.3 93.8

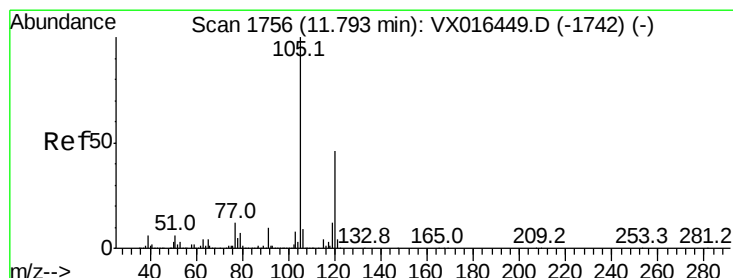
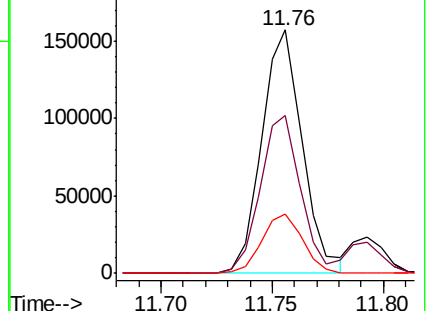
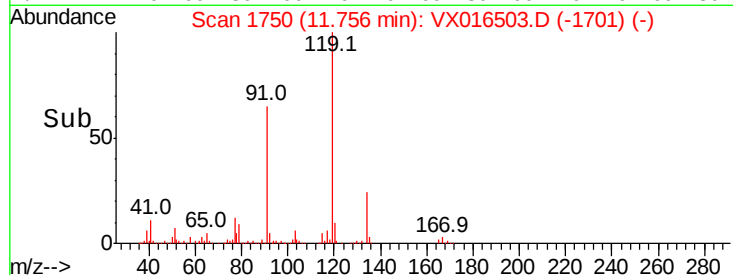
134 24.4 12.0 36.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 18.637 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX016503.D

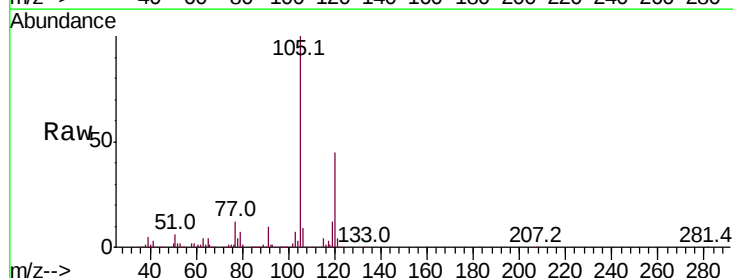
Acq: 29 May 2020 12:09

Tgt Ion:105 Resp: 240213

Ion Ratio Lower Upper

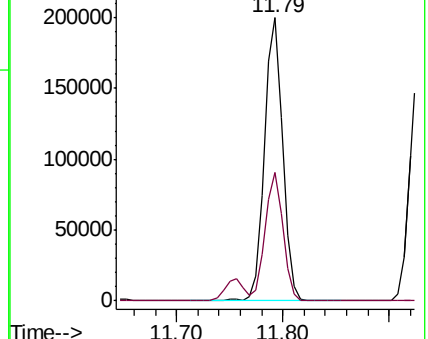
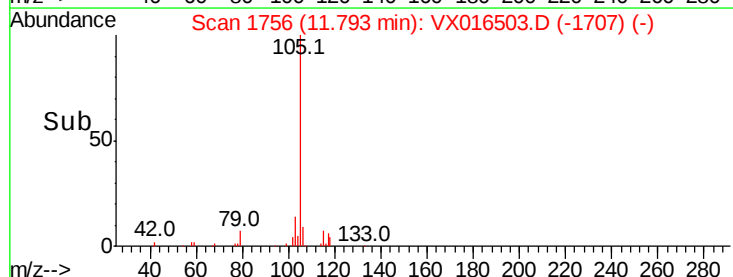
105 100

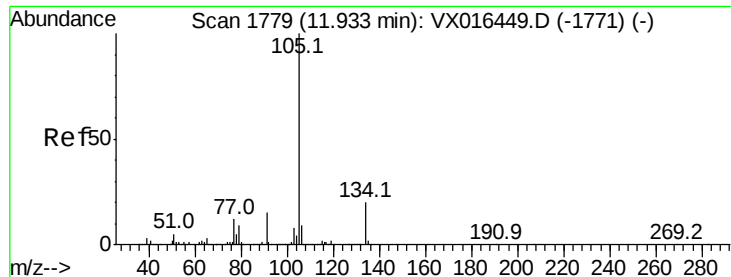
120 44.4 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

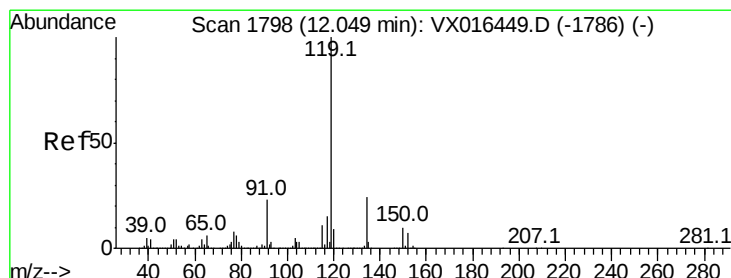
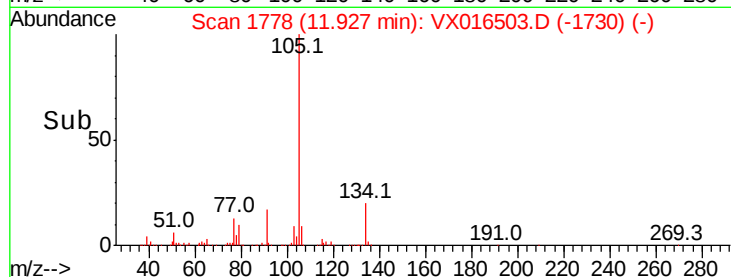
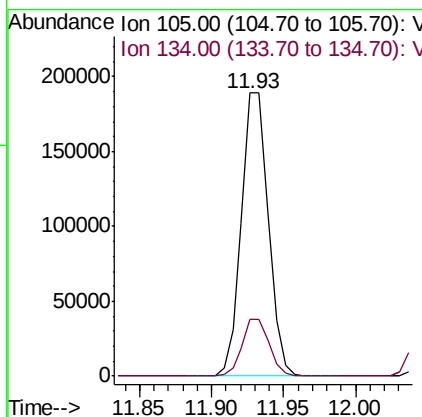
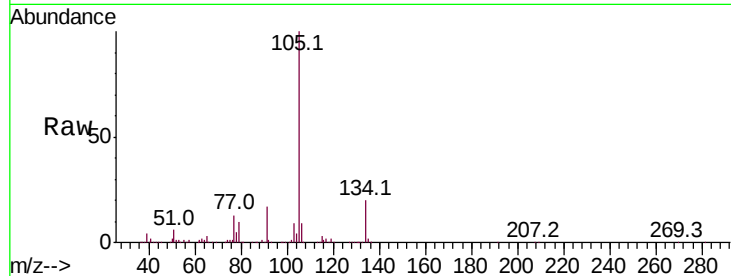




#85
 sec-Butylbenzene
 Concen: 18.027 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: VX016503.D
 Acq: 29 May 2020 12:09

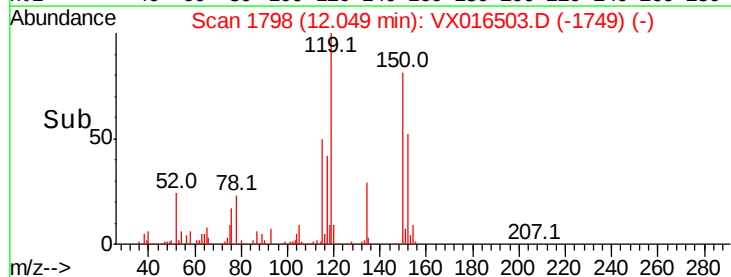
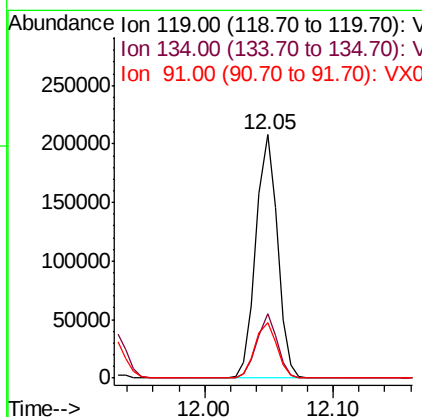
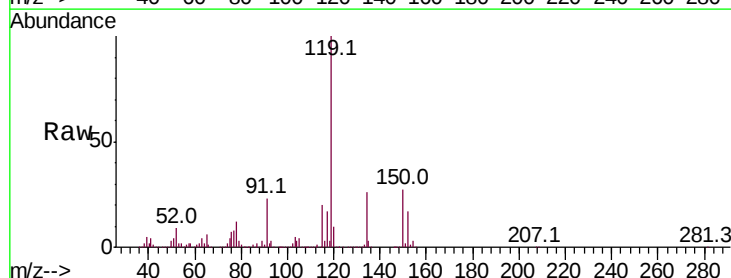
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0529WBS01

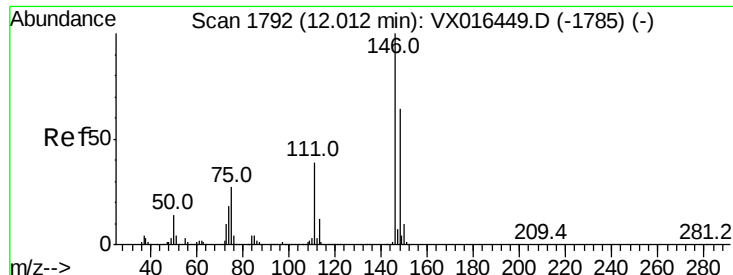
Tot Ion:105 Resp: 246265
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 18.693 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX016503.D
 Acq: 29 May 2020 12:09

Tgt Ion:119 Resp: 239200
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.7 38.0
 91 23.2 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 18.164 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX016503.D

Acq: 29 May 2020 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0529WBS01

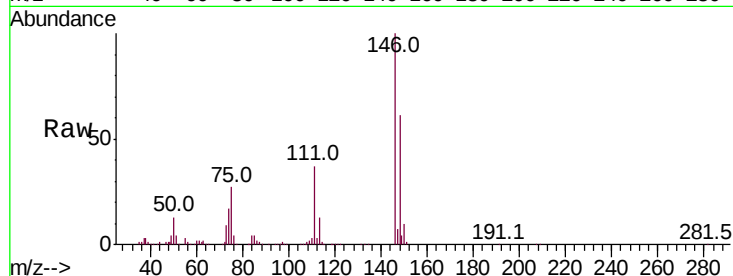
Tot Ion:146 Resp: 125976

Ion Ratio Lower Upper

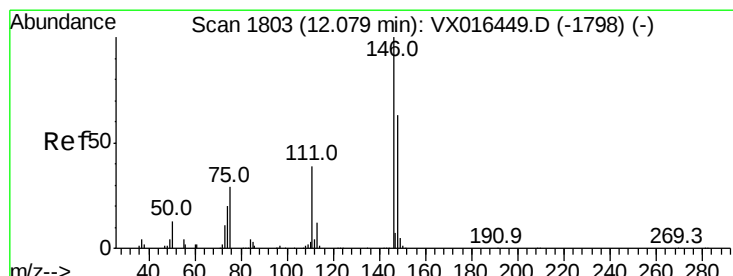
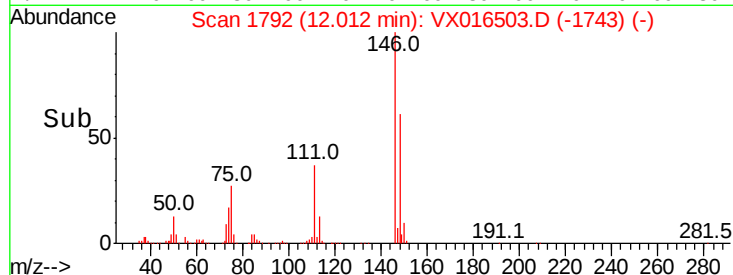
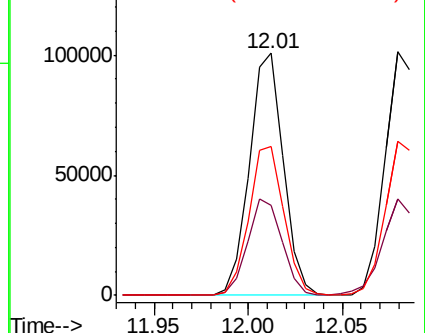
146 100

111 40.7 20.0 60.0

148 63.4 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



#88

1,4-Dichlorobenzene

Concen: 18.044 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VX016503.D

Acq: 29 May 2020 12:09

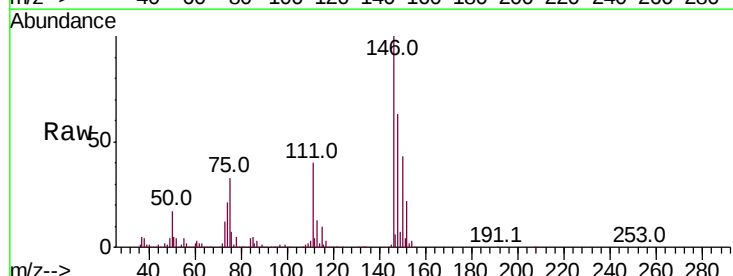
Tgt Ion:146 Resp: 127991

Ion Ratio Lower Upper

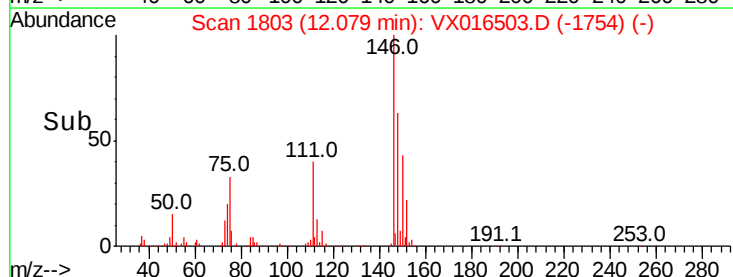
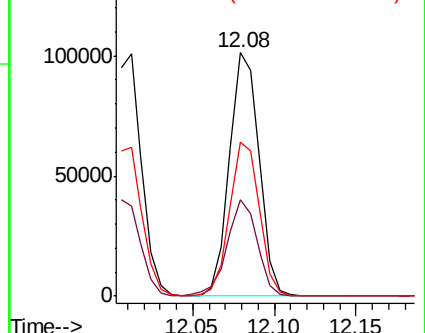
146 100

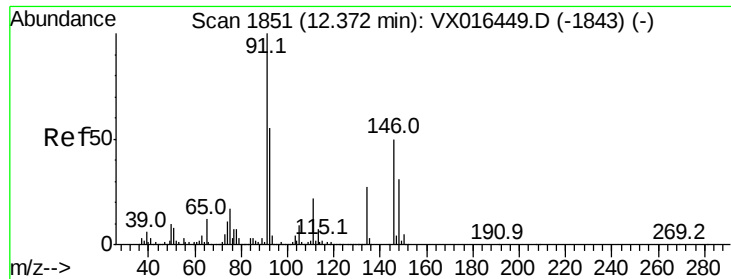
111 40.3 19.4 58.2

148 63.6 31.4 94.3



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

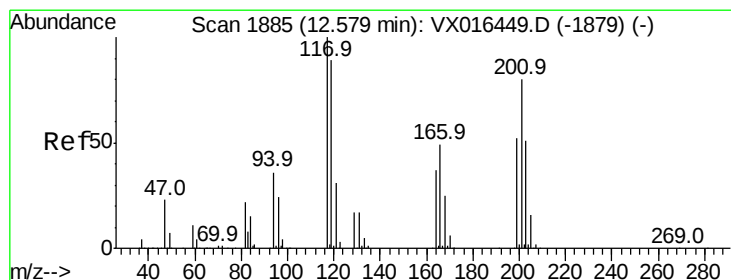
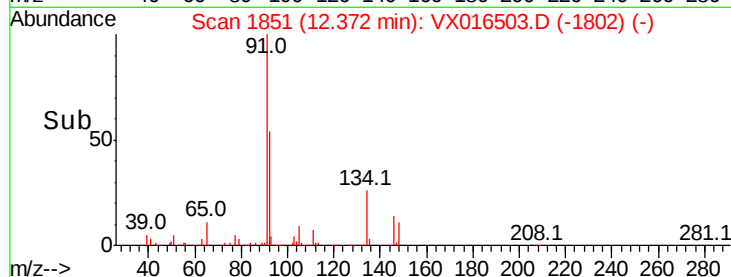
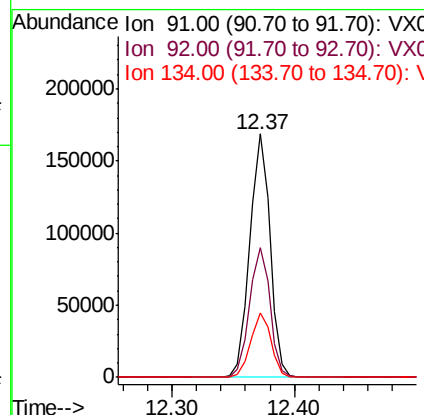
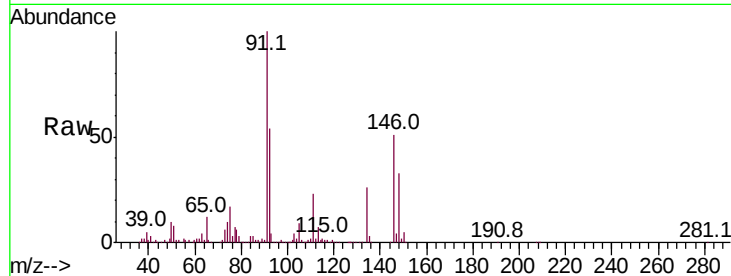




#89
n-Butylbenzene
Concen: 18.210 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016503.D
Acq: 29 May 2020 12:09

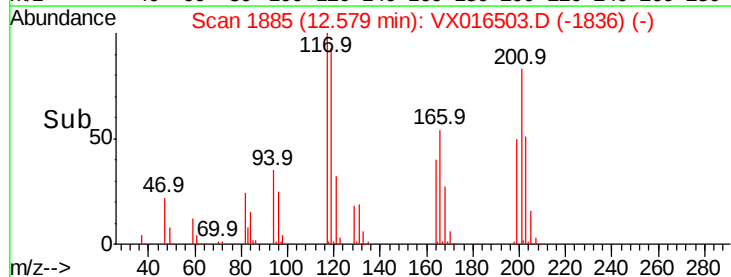
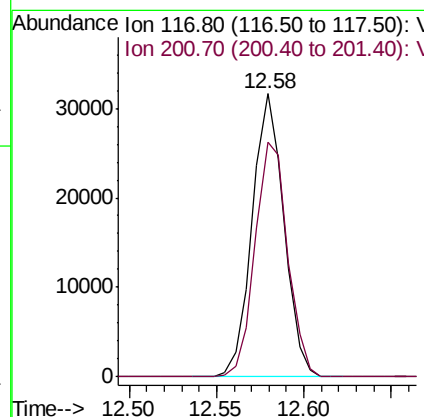
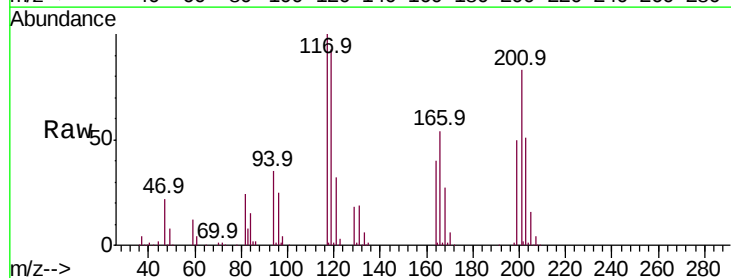
Instrument :
MSVOA_X
ClientSampled :
VX0529WBS01

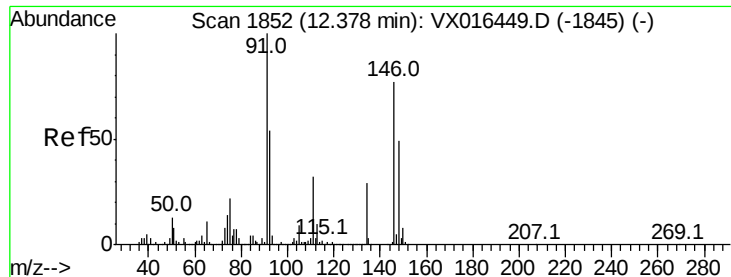
Tot Ion: 91 Resp: 194088
Ion Ratio Lower Upper
91 100
92 54.1 27.2 81.5
134 26.5 13.1 39.3



#90
Hexachloroethane
Concen: 18.052 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX016503.D
Acq: 29 May 2020 12:09

Tgt Ion: 117 Resp: 39901
Ion Ratio Lower Upper
117 100
201 85.4 43.1 129.3





#91

1,2-Dichlorobenzene

Concen: 17.751 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX016503.D

Acq: 29 May 2020 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0529WBS01

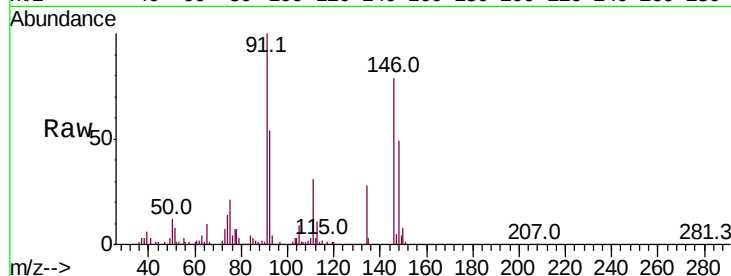
Tot Ion:146 Resp: 119276

Ion Ratio Lower Upper

146 100

111 42.2 21.4 64.3

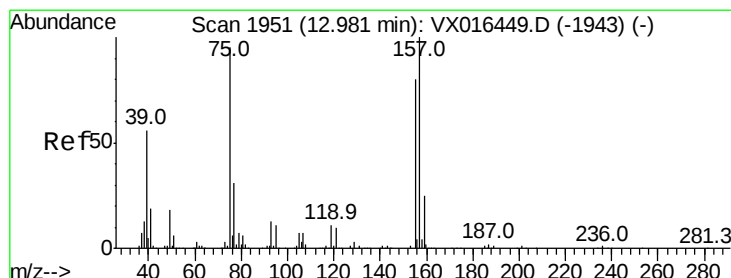
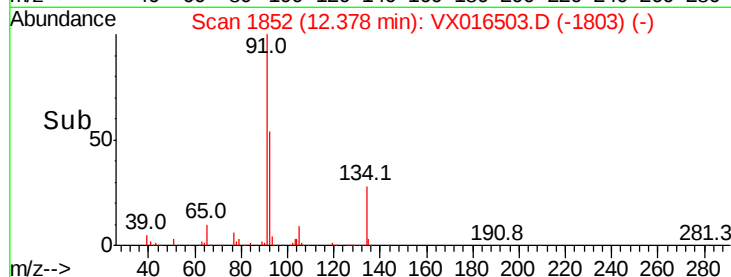
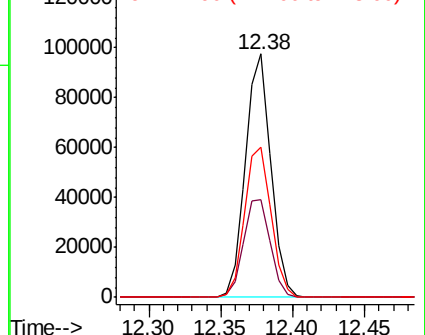
148 64.1 31.9 95.7



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: 16.980 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX016503.D

Acq: 29 May 2020 12:09

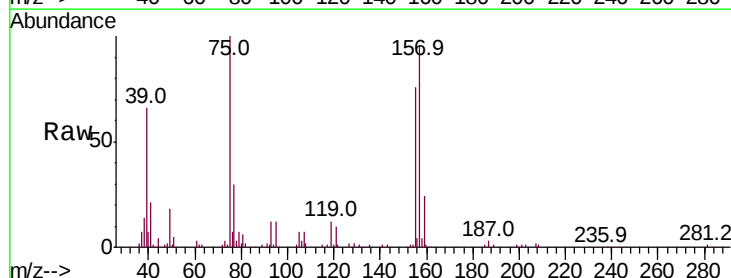
Tgt Ion: 75 Resp: 21039

Ion Ratio Lower Upper

75 100

155 86.1 44.1 132.4

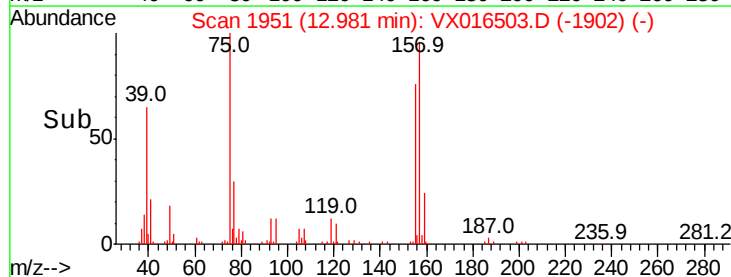
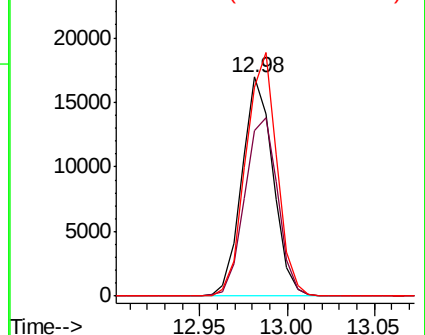
157 110.7 57.8 173.3

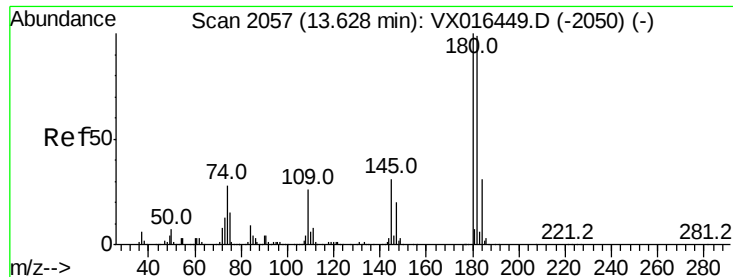


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

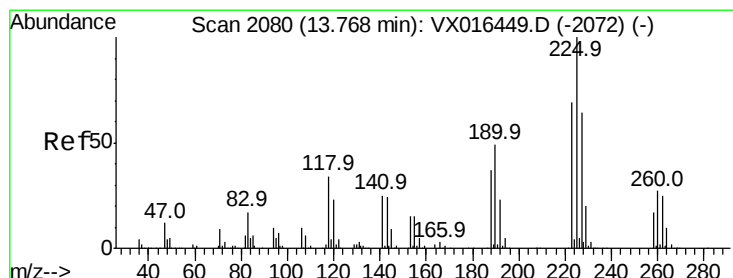
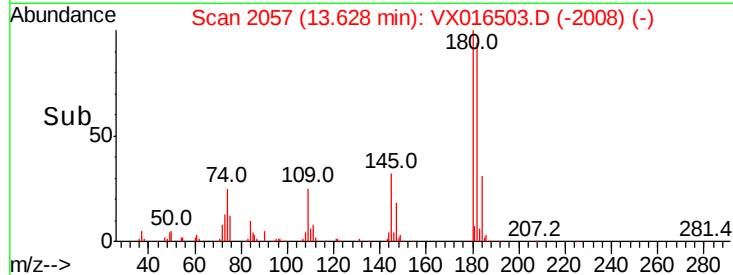
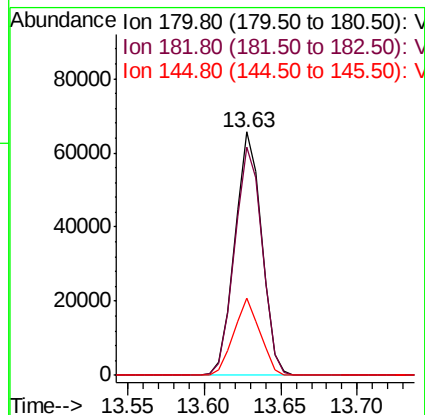
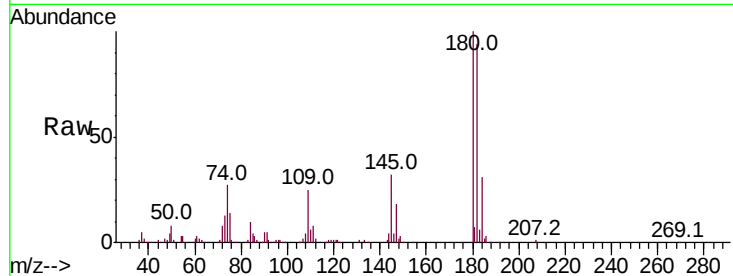




#93
 1,2,4-Trichlorobenzene
 Concen: 17.875 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016503.D
 Acq: 29 May 2020 12:09

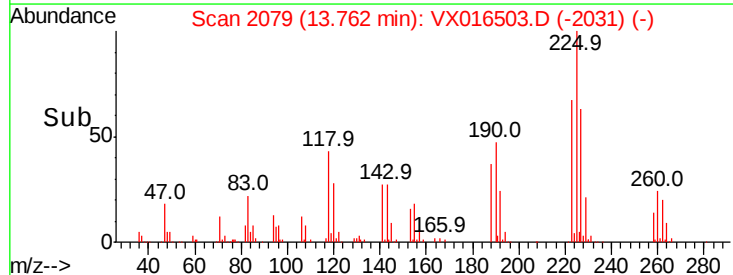
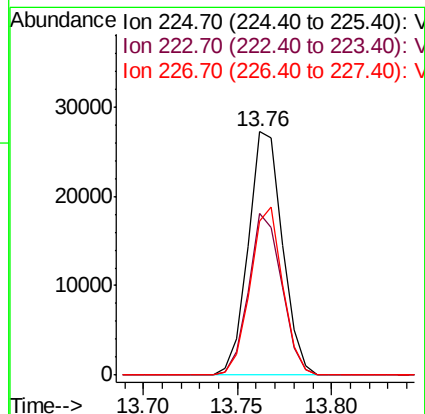
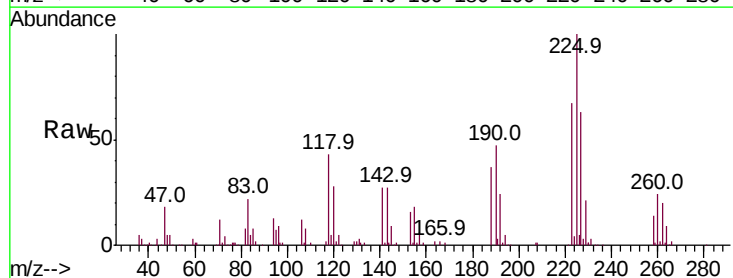
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0529WBS01

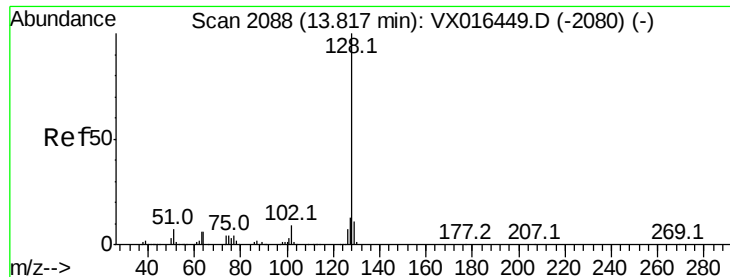
Tot Ion:180 Resp: 79769
 Ion Ratio Lower Upper
 180 100
 182 96.1 48.3 144.8
 145 30.9 15.4 46.2



#94
 Hexachlorobutadiene
 Concen: 19.556 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX016503.D
 Acq: 29 May 2020 12:09

Tgt Ion:225 Resp: 34264
 Ion Ratio Lower Upper
 225 100
 223 64.4 32.3 96.8
 227 65.4 31.6 94.7





#95

Naphthalene

Concen: 17.510 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX016503.D

Acq: 29 May 2020 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0529WBS01

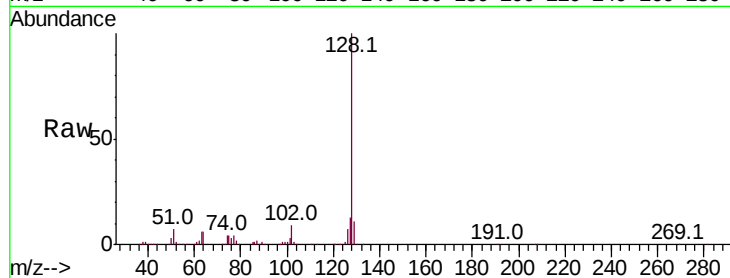
Tot Ion:128 Resp: 267869

Ion Ratio Lower Upper

128 100

127 13.0 10.6 15.8

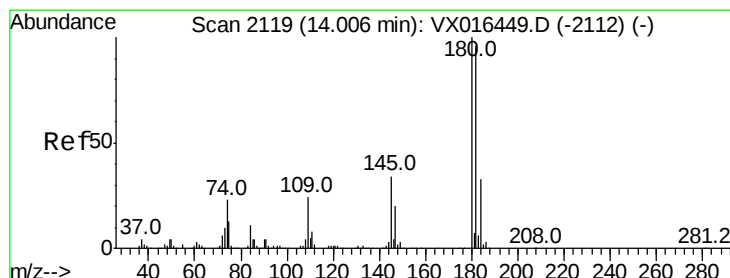
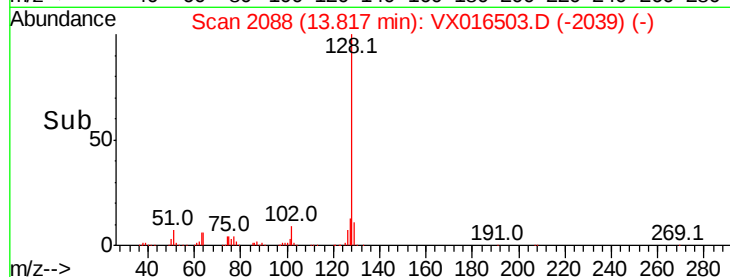
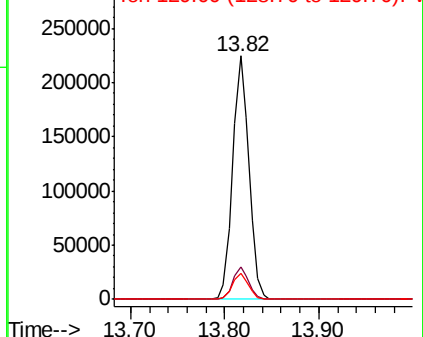
129 10.7 8.6 13.0



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: 17.784 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.01 min

Lab File: VX016503.D

Acq: 29 May 2020 12:09

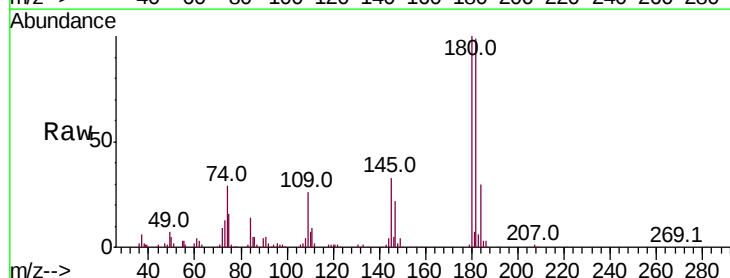
Tgt Ion:180 Resp: 77751

Ion Ratio Lower Upper

180 100

182 97.2 48.6 145.8

145 32.8 16.6 49.8



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

