

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051520\
 Data File : VX016279.D
 Acq On : 15 May 2020 14:40
 Operator : JC/SP
 Sample : L2642-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 16 06:42:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	243156	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	407502	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	406993	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	206966	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	149526	46.73	ug/l	0.00
Spiked Amount						
			Recovery	=	93.46%	
35) Dibromofluoromethane	5.46	113	123745	47.93	ug/l	0.00
Spiked Amount						
			Recovery	=	95.86%	
50) Toluene-d8	8.70	98	509583	51.23	ug/l	0.00
Spiked Amount						
			Recovery	=	102.46%	
62) 4-Bromofluorobenzene	11.12	95	206309	54.53	ug/l	0.00
Spiked Amount						
			Recovery	=	109.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.39	62	1680	0.527	ug/l	96
8) Diethyl Ether	2.17	74	6881	3.901	ug/l	99
11) Tert butyl alcohol	3.01	59	4052141	5008.096	ug/l	99
13) Acrolein	2.27	56	376	0.743	ug/l #	14
14) Allyl chloride	2.68	41	28396	6.127	ug/l #	43
15) Acrylonitrile	3.01	53	29410	17.521	ug/l #	21
16) Acetone	2.42	43	76341	53.472	ug/l	94
17) Carbon Disulfide	2.55	76	5555	0.527	ug/l #	95
18) Methyl Acetate	3.01	43	466902	133.009	ug/l #	50
19) Methyl tert-butyl Ether	3.16	73	31156	3.576	ug/l	98
24) 1,1-Dichloroethane	3.67	63	1306	0.267	ug/l #	92
25) 2-Butanone	4.66	43	168391	73.196	ug/l #	75
26) 2,2-Dichloropropane	4.67	77	232851	52.130	ug/l #	53
27) cis-1,2-Dichloroethene	4.57	96	3934	1.278	ug/l #	15
28) Bromochloromethane	5.09	49	2137	0.958	ug/l #	12
29) Tetrahydrofuran	5.09	42	1022684	670.898	ug/l	98
36) 1,1-Dichloropropene	5.63	75	20779	5.180	ug/l #	48
37) Ethyl Acetate	4.76	43	10279	2.211	ug/l #	67
38) Carbon Tetrachloride	5.63	117	23367	5.731	ug/l #	14
40) Benzene	6.12	78	83250	7.093	ug/l	100
41) Methacrylonitrile	5.09	41	554440	220.822	ug/l #	42
42) 1,2-Dichloroethane	6.16	62	3490	0.825	ug/l	91
43) Isopropyl Acetate	6.40	43	4875	0.657	ug/l #	71
45) 1,2-Dichloropropane	7.49	63	948	0.319	ug/l #	74
49) 1,4-Dioxane	7.72	88	10496	124.506	ug/l	97
51) 4-Methyl-2-Pentanone	8.60	43	8863	1.952	ug/l #	34
52) Toluene	8.77	92	53007	7.246	ug/l	100
59) 2-Hexanone	9.29	43	19117	5.363	ug/l	76
65) Chlorobenzene	10.12	112	14041	1.648	ug/l	97
67) Ethyl Benzene	10.24	91	95379	6.273	ug/l	99
68) m/p-Xylenes	10.34	106	74609	13.096	ug/l	98
69) o-Xylene	10.68	106	47179	8.616	ug/l	100
70) Styrene	10.70	104	7966	0.857	ug/l #	10
73) Isopropylbenzene	11.01	105	11713	0.778	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

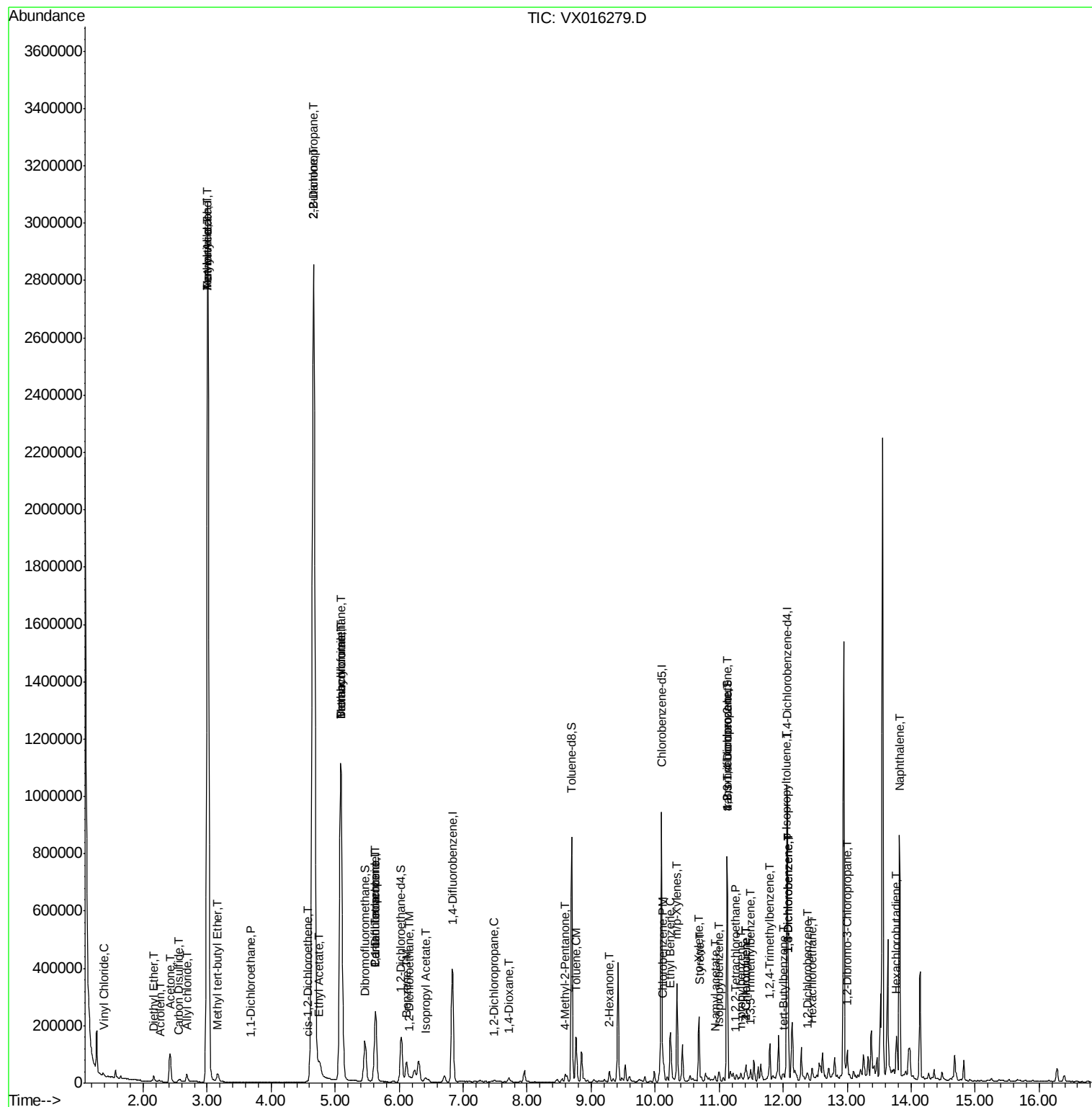
74) N-amyl acetate	10.93	43	8416	1.199	ug/l #	57
75) 1,1,2,2-Tetrachloroethane	11.26	83	315	2.161	ug/l #	1
76) 1,2,3-Trichloropropane	11.12	75	100043	21.301	ug/l #	35
78) n-propylbenzene	11.35	91	4492	0.257	ug/l	95
79) 2-Chlorotoluene	11.41	91	6308	0.610	ug/l	78
80) 1,3,5-Trimethylbenzene	11.49	105	13456	1.059	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.12	75	100043	50.763	ug/l #	13
82) 4-Chlorotoluene	11.41	91	6503	0.533	ug/l	83
83) tert-Butylbenzene	12.01	119	3471	0.317	ug/l	72
84) 1,2,4-Trimethylbenzene	11.79	105	53011	4.125	ug/l	99
86) p-Isopropyltoluene	12.05	119	41539	3.025	ug/l	98
87) 1,3-Dichlorobenzene	12.09	146	42256	6.057	ug/l	95
88) 1,4-Dichlorobenzene	12.09	146	42256	5.967	ug/l	93
90) Hexachloroethane	12.46	117	1383	0.586	ug/l #	10
91) 1,2-Dichlorobenzene	12.38	146	5151	0.767	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	13.00	75	513	0.414	ug/l #	1
94) Hexachlorobutadiene	13.76	225	22	0.534	ug/l #	1
95) Naphthalene	13.82	128	484611	30.091	ug/l	100

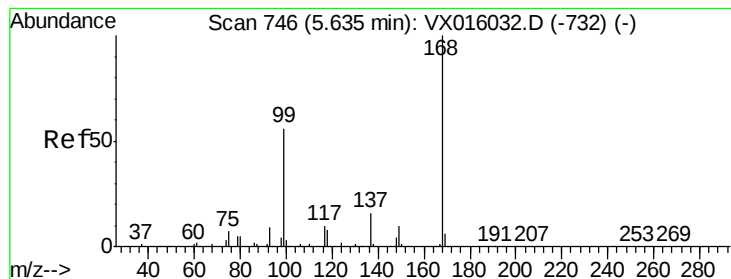
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX016279.D

Acq: 15 May 2020 14:40

Instrument :

MSVOA_X

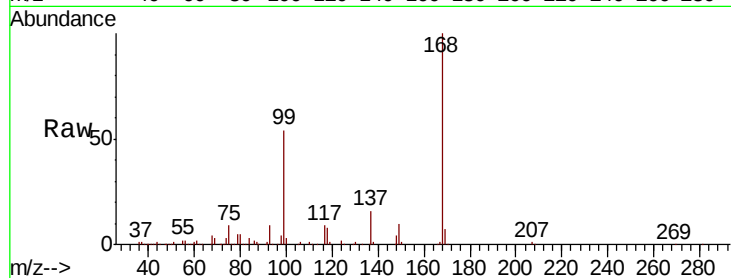
ClientSampleId :

Tot Ion:168 Resp: 243156

Ion Ratio Lower Upper

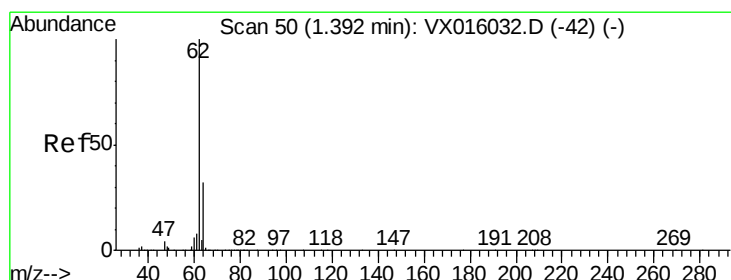
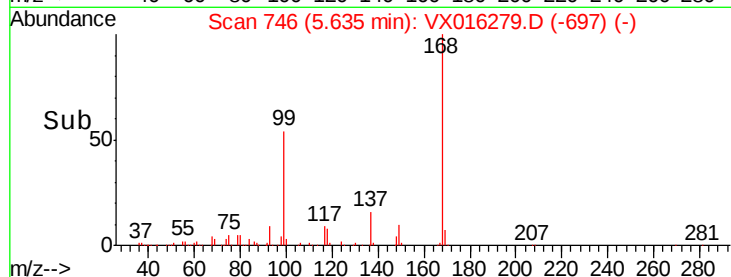
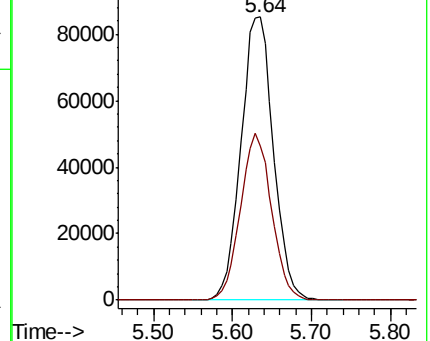
168 100

99 54.3 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 0.527 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016279.D

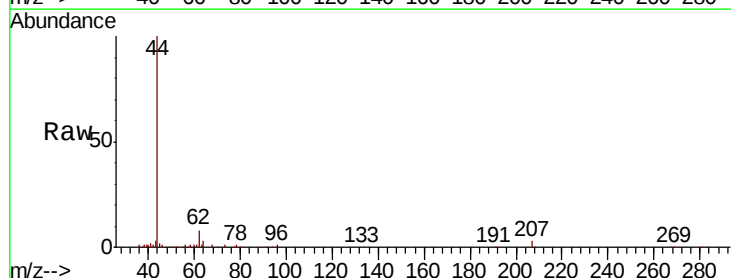
Acq: 15 May 2020 14:40

Tgt Ion: 62 Resp: 1680

Ion Ratio Lower Upper

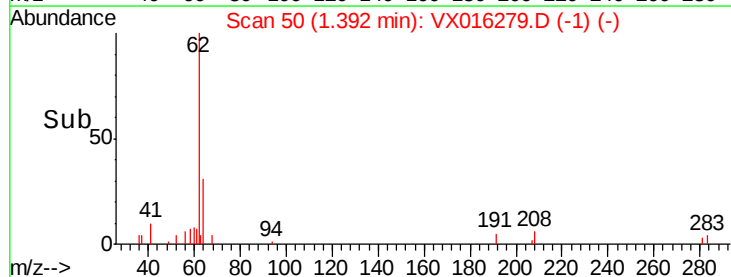
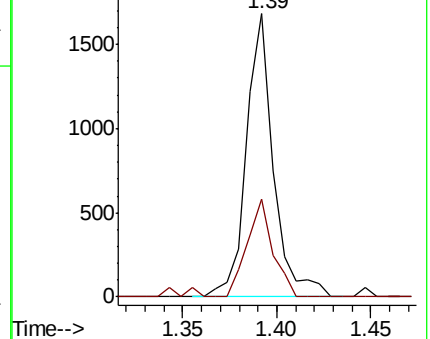
62 100

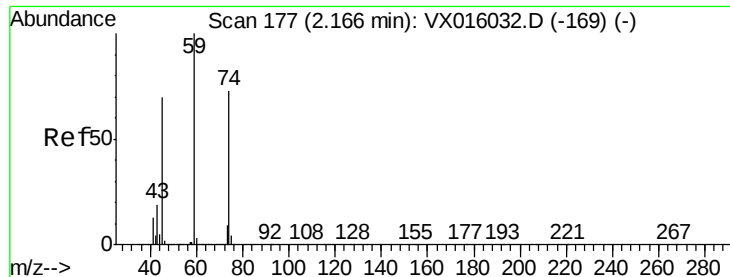
64 34.5 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#8

Diethyl Ether

Concen: 3.901 ug/l

RT: 2.17 min Scan# 177

Delta R.T. -0.00 min

Lab File: VX016279.D

Acq: 15 May 2020 14:40

Instrument :

MSVOA_X

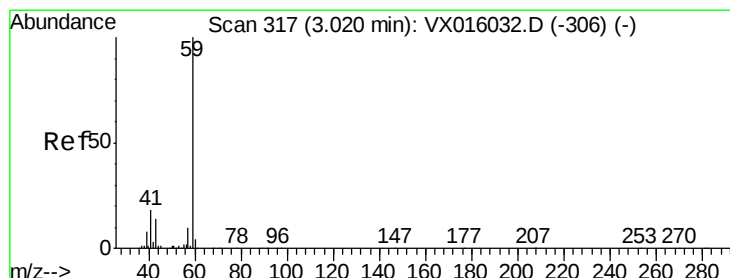
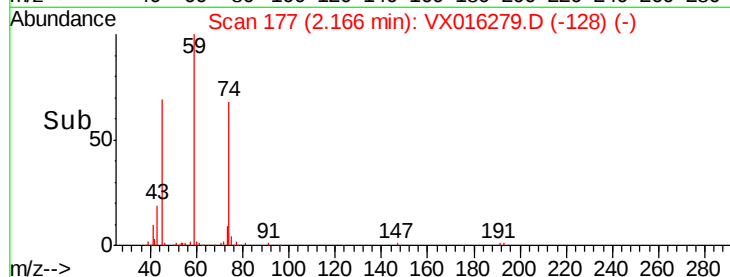
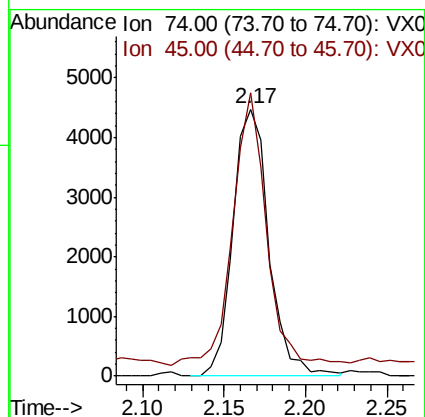
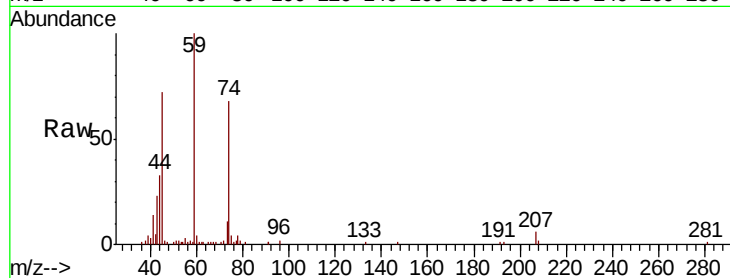
ClientSampleId :

Tot Ion: 74 Resp: 6881

Ion Ratio Lower Upper

74 100

45 95.9 47.3 142.0



#11

Tert butyl alcohol

Concen: 5008.096 ug/l

RT: 3.01 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX016279.D

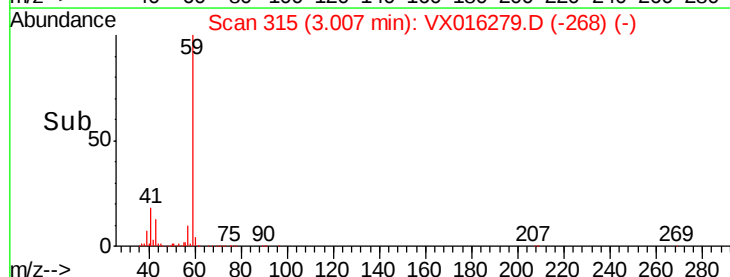
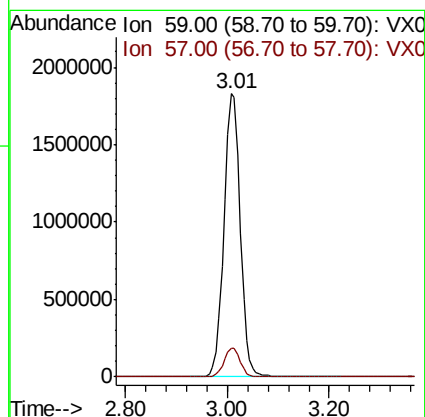
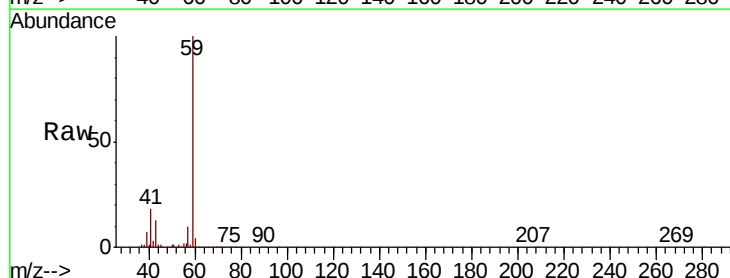
Acq: 15 May 2020 14:40

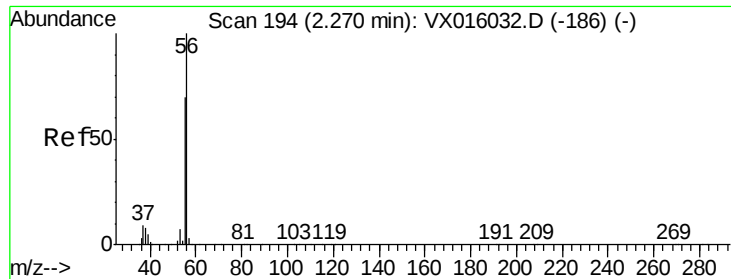
Tgt Ion: 59 Resp: 4052141

Ion Ratio Lower Upper

59 100

57 10.1 8.2 12.4





#13

Acrolein

Concen: 0.743 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016279.D

Acq: 15 May 2020 14:40

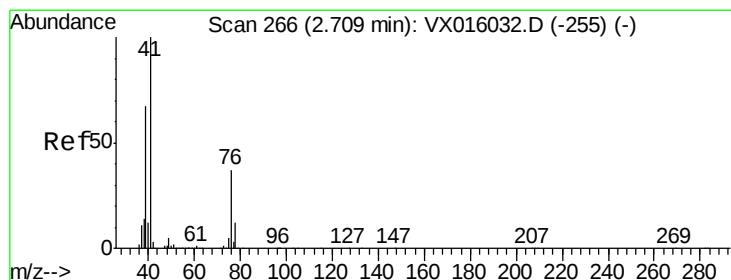
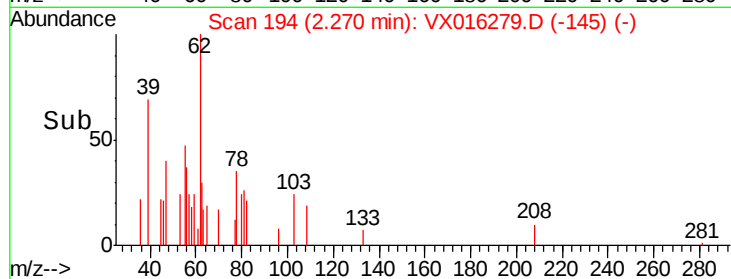
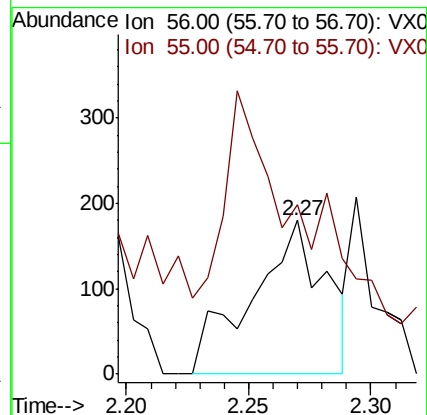
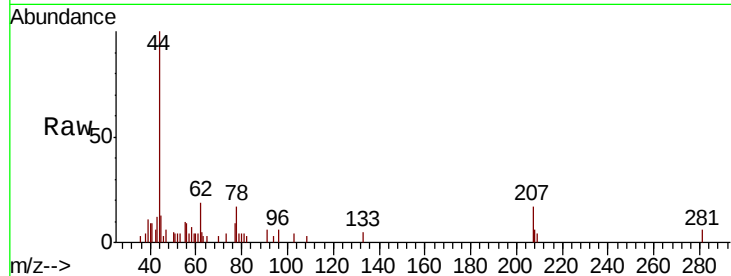
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 376

Ion Ratio Lower Upper

56 100

55 0.0 56.5 84.7#



#14

Allyl chloride

Concen: 6.127 ug/l

RT: 2.68 min Scan# 262

Delta R.T. -0.02 min

Lab File: VX016279.D

Acq: 15 May 2020 14:40

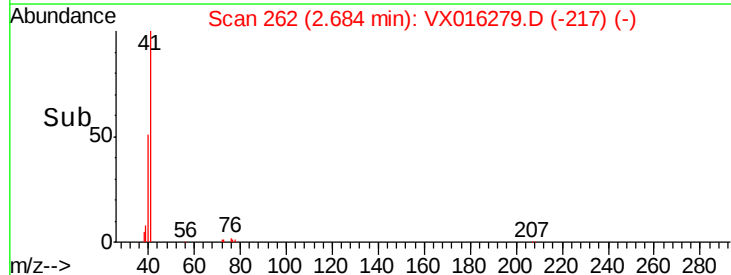
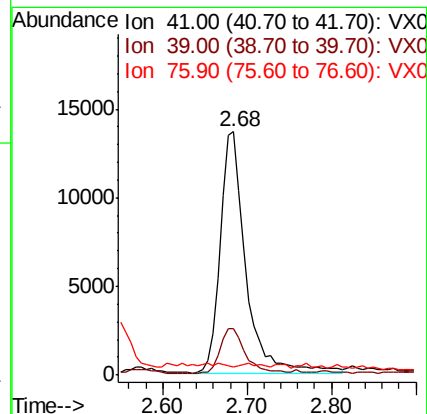
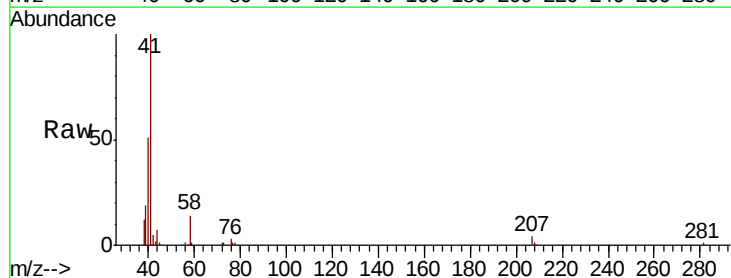
Tgt Ion: 41 Resp: 28396

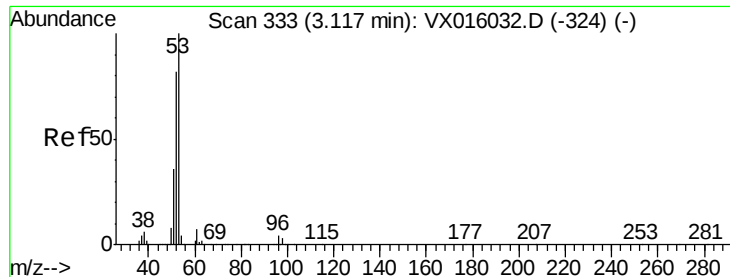
Ion Ratio Lower Upper

41 100

39 18.5 50.5 75.7#

76 1.0 26.6 40.0#

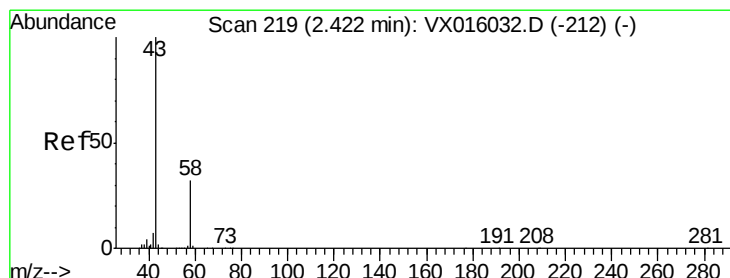
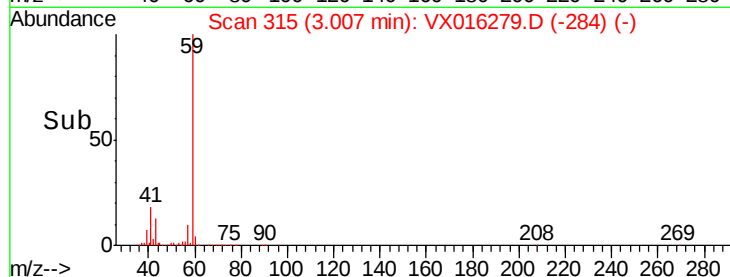
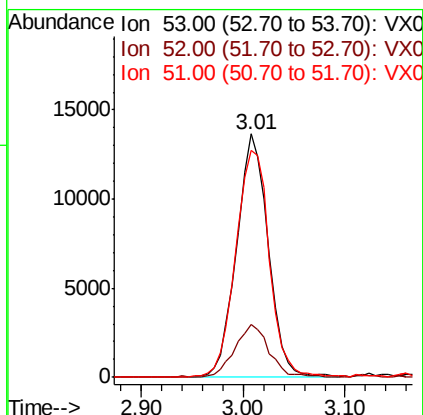
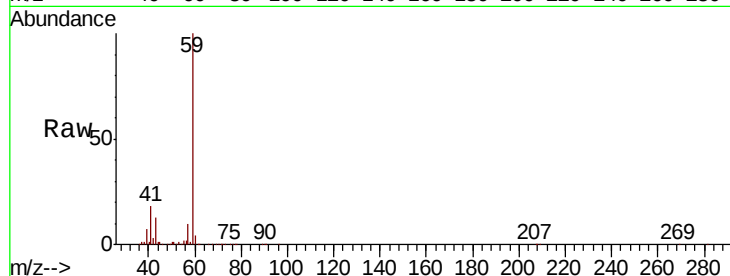




#15
 Acrylonitrile
 Concen: 17.521 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.11 min
 Lab File: VX016279.D
 Acq: 15 May 2020 14:40

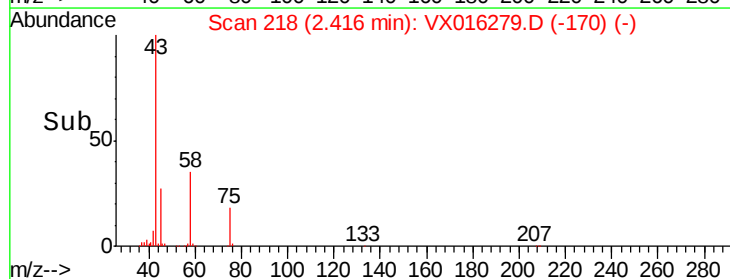
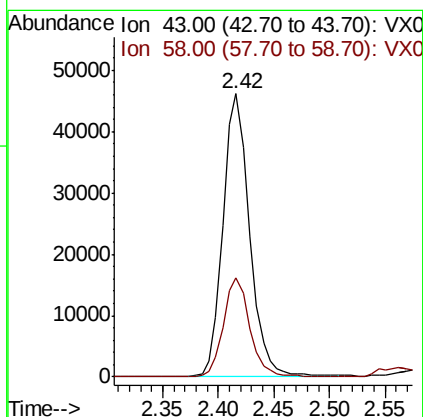
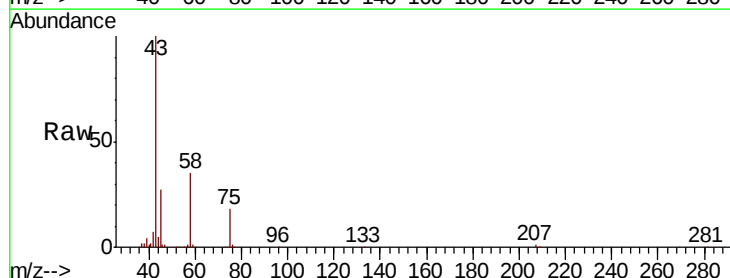
Instrument :
 MSVOA_X
 ClientSampleId :

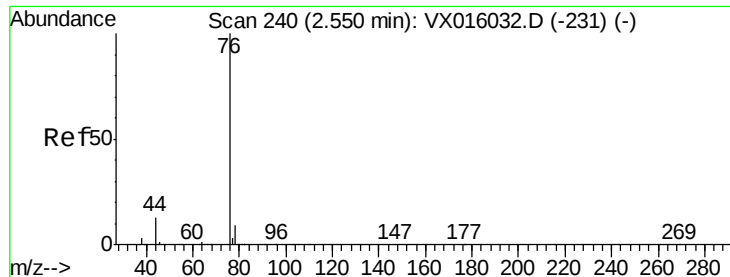
Tot Ion: 53 Resp: 29410
 Ion Ratio Lower Upper
 53 100
 52 23.3 66.1 99.1#
 51 99.5 28.8 43.2#



#16
 Acetone
 Concen: 53.472 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: VX016279.D
 Acq: 15 May 2020 14:40

Tgt Ion: 43 Resp: 76341
 Ion Ratio Lower Upper
 43 100
 58 35.1 25.4 38.0

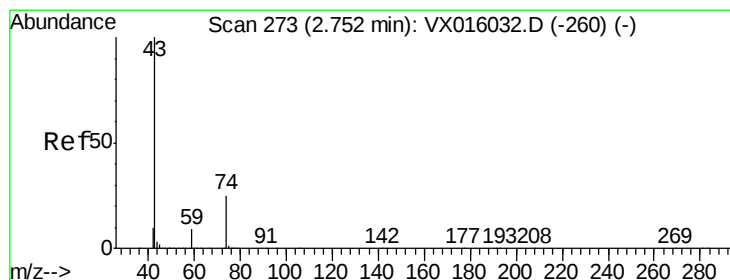
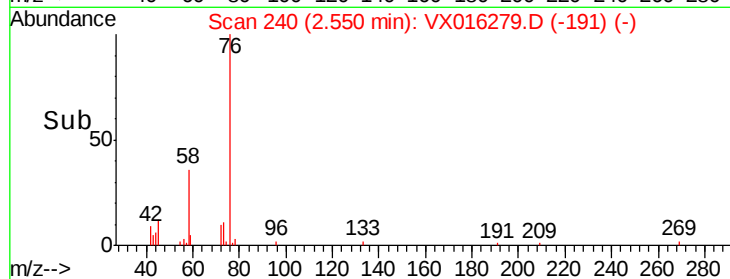
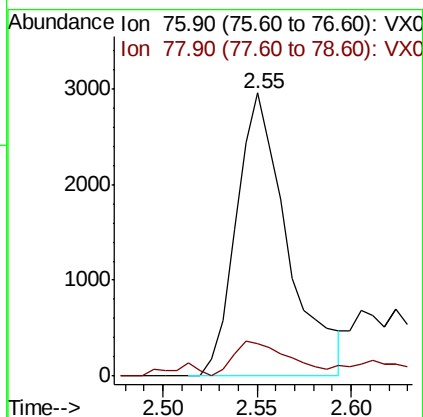
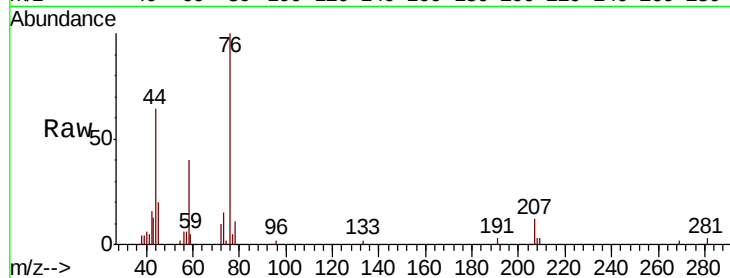




#17
Carbon Disulfide
Concen: 0.527 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016279.D
Acq: 15 May 2020 14:40

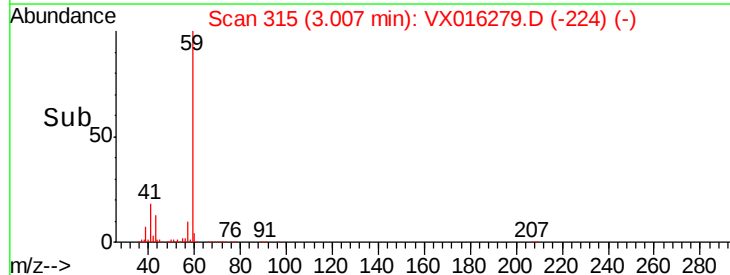
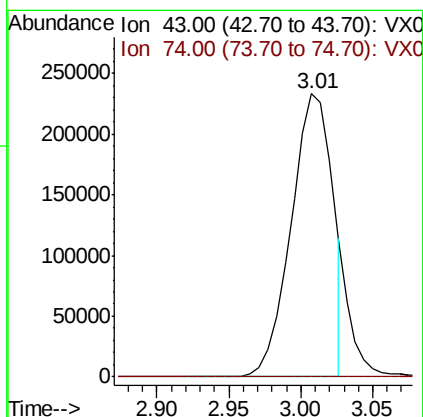
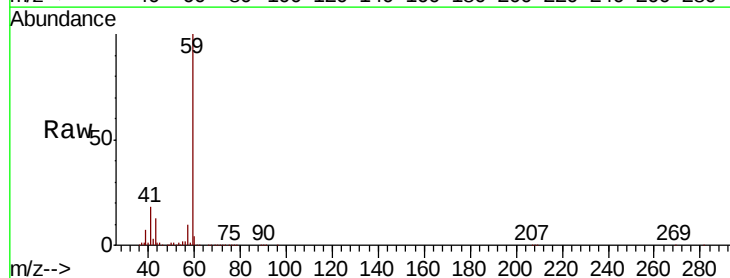
Instrument :
MSVOA_X
ClientSampleId :

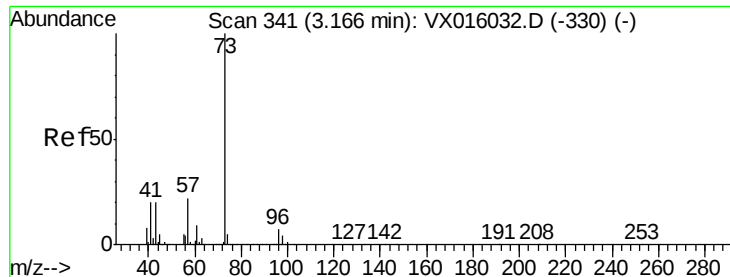
Tot Ion: 76 Resp: 5555
Ion Ratio Lower Upper
76 100
78 7.5 7.5 11.3#



#18
Methyl Acetate
Concen: 133.009 ug/l
RT: 3.01 min Scan# 315
Delta R.T. 0.26 min
Lab File: VX016279.D
Acq: 15 May 2020 14:40

Tgt Ion: 43 Resp: 466902
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



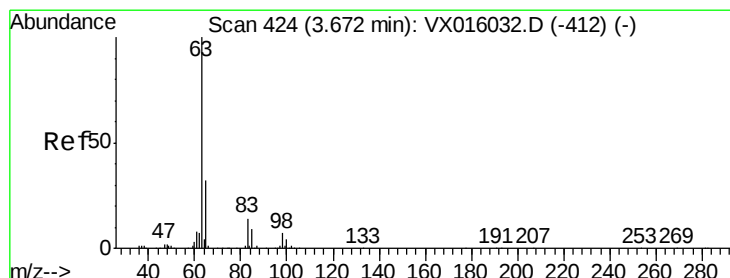
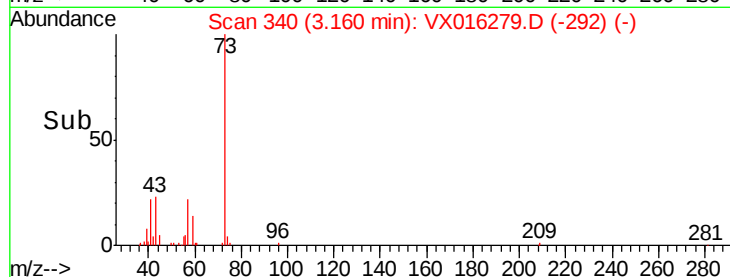
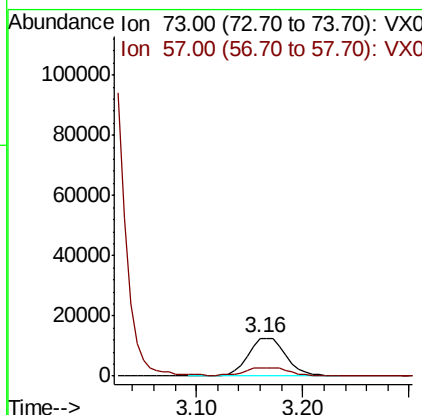
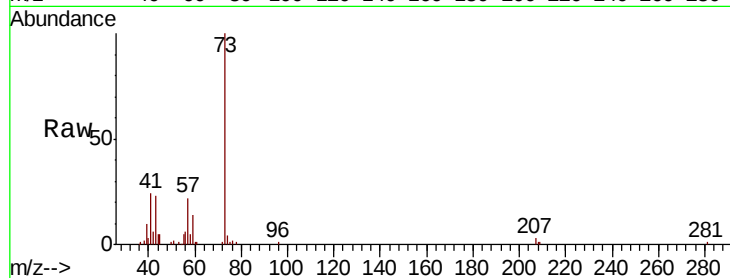


#19

Methvl tert-butvl Ether
 Concen: 3.576 ug/l
 RT: 3.16 min Scan# 340
 Delta R.T. -0.01 min
 Lab File: VX016279.D
 Acq: 15 May 2020 14:40

Instrument :
 MSVOA_X
 ClientSampled :

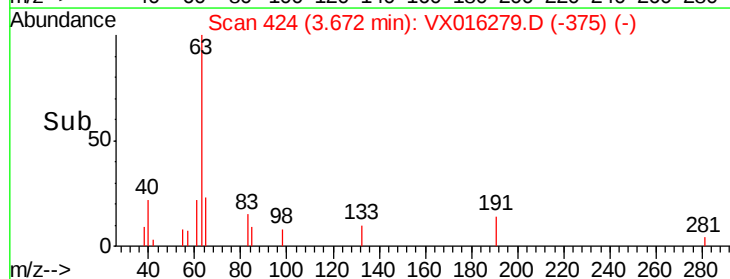
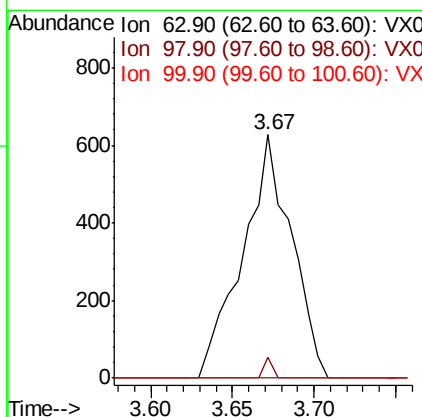
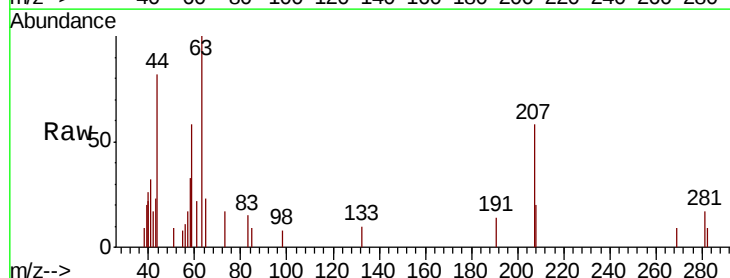
Tot Ion: 73 Resp: 31156
 Ion Ratio Lower Upper
 73 100
 57 21.3 17.8 26.6

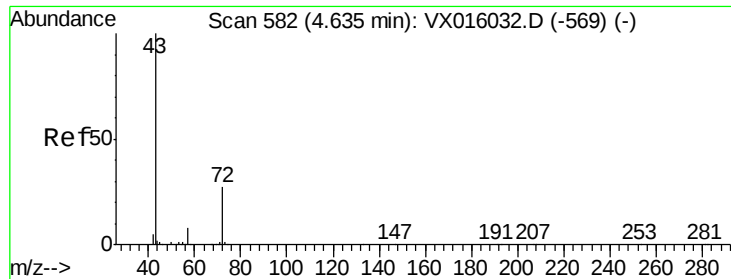


#24

1,1-Dichloroethane
 Concen: 0.267 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. -0.00 min
 Lab File: VX016279.D
 Acq: 15 May 2020 14:40

Tgt Ion: 63 Resp: 1306
 Ion Ratio Lower Upper
 63 100
 98 8.4 3.5 10.5
 100 0.0 2.1 6.5#

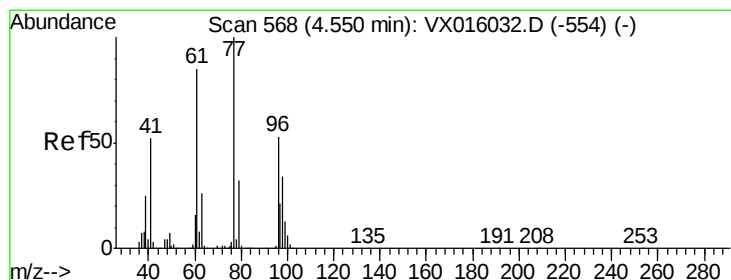
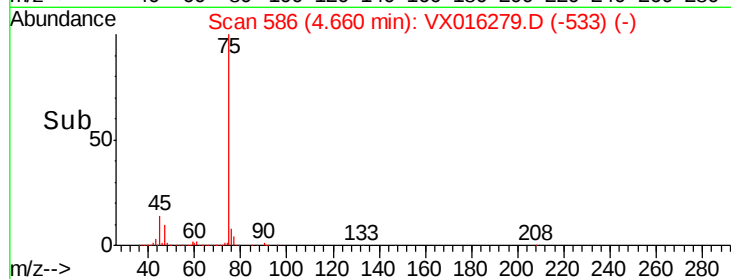
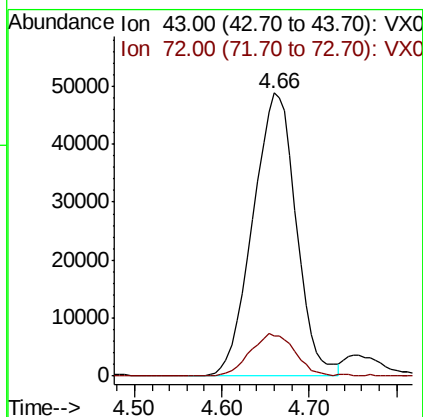
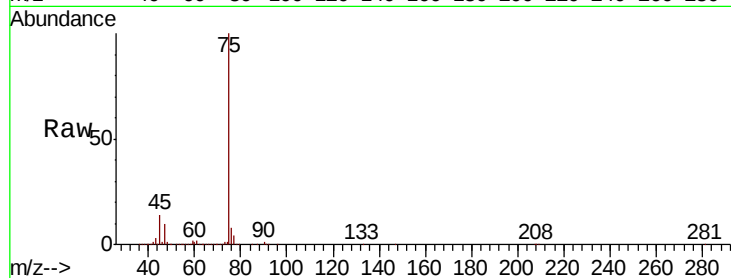




#25
2-Butanone
Concen: 73.196 ug/l
RT: 4.66 min Scan# 586
Delta R.T. 0.02 min
Lab File: VX016279.D
Acq: 15 May 2020 14:40

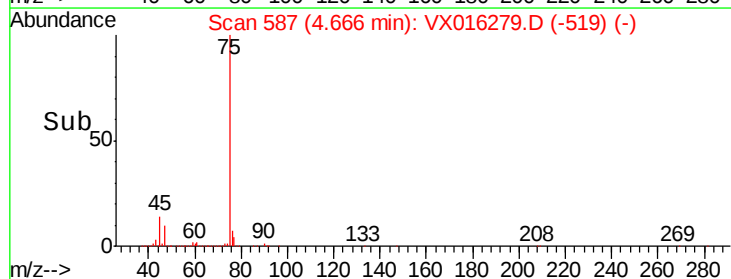
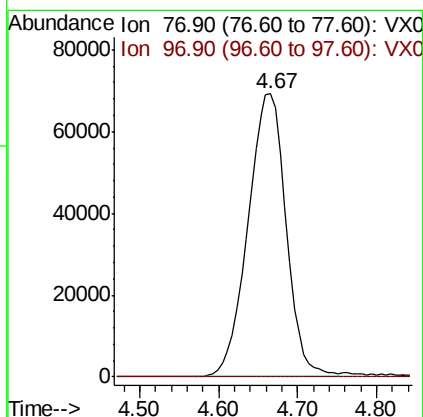
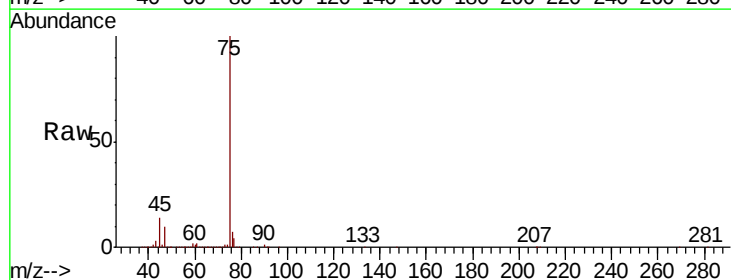
Instrument :
MSVOA_X
ClientSampled :

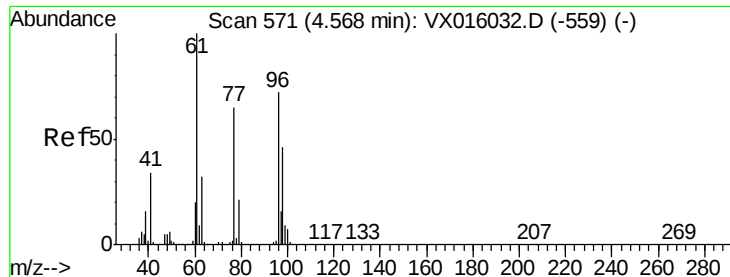
Tot Ion: 43 Resp: 168391
Ion Ratio Lower Upper
43 100
72 14.4 21.8 32.8#



#26
2,2-Dichloropropane
Concen: 52.130 ug/l
RT: 4.67 min Scan# 587
Delta R.T. 0.12 min
Lab File: VX016279.D
Acq: 15 May 2020 14:40

Tgt Ion: 77 Resp: 232851
Ion Ratio Lower Upper
77 100
97 0.0 11.2 33.6#



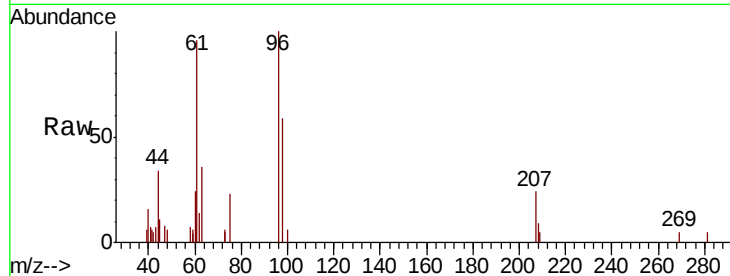


#27

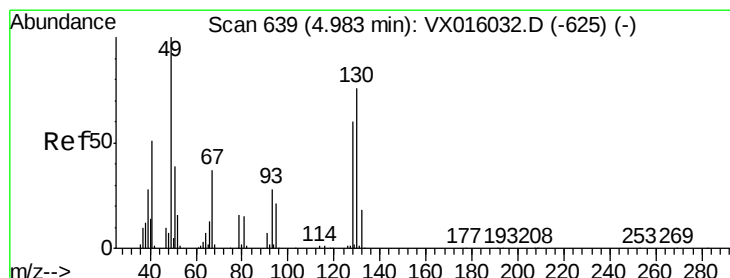
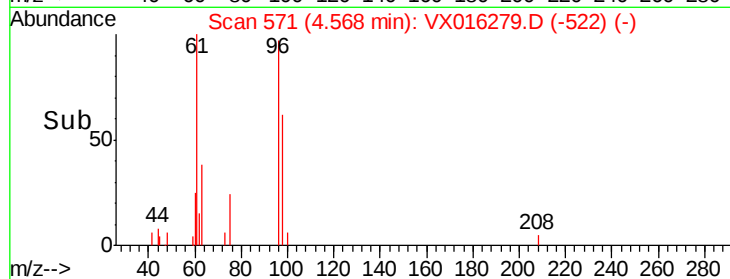
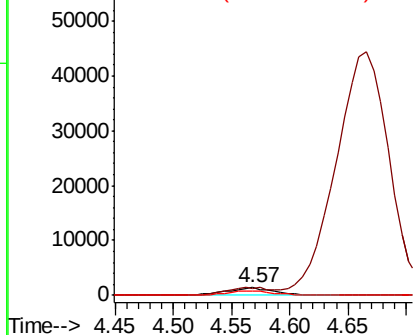
cis-1,2-Dichloroethene
Concen: 1.278 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX016279.D
Acq: 15 May 2020 14:40

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 96 Resp: 3934
Ion Ratio Lower Upper
96 100
61 0.0 0.0 296.2
98 56.9 0.0 129.4



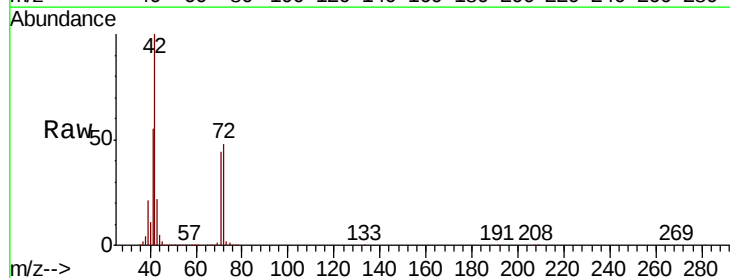
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



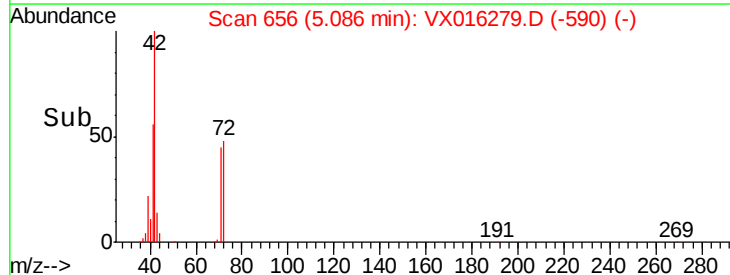
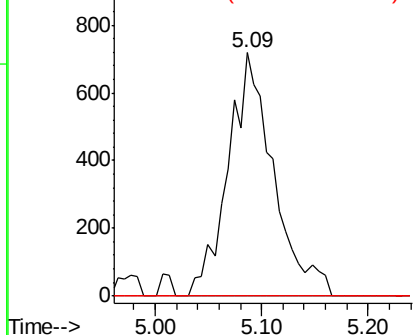
#28

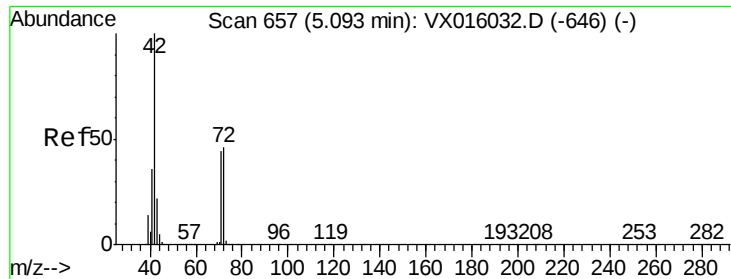
Bromochloromethane
Concen: 0.958 ug/l
RT: 5.09 min Scan# 656
Delta R.T. 0.10 min
Lab File: VX016279.D
Acq: 15 May 2020 14:40

Tgt Ion: 49 Resp: 2137
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 0.0 62.4 93.6#



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: 670.898 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX016279.D

Acq: 15 May 2020 14:40

Instrument :

MSVOA_X

ClientSampled :

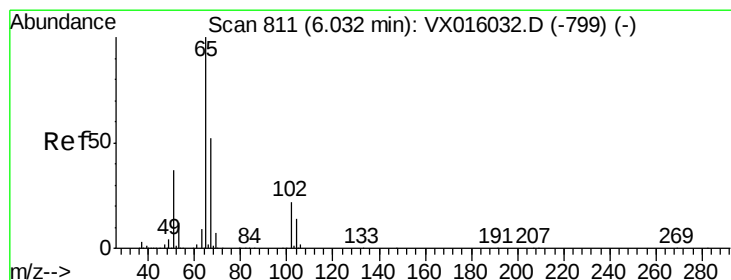
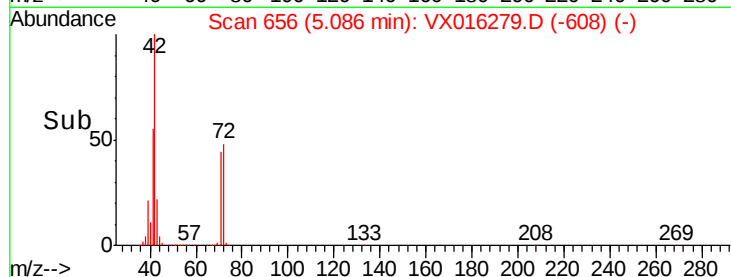
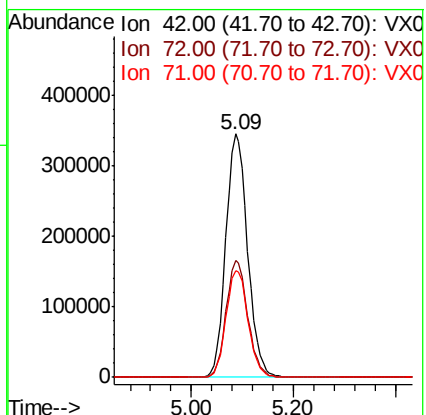
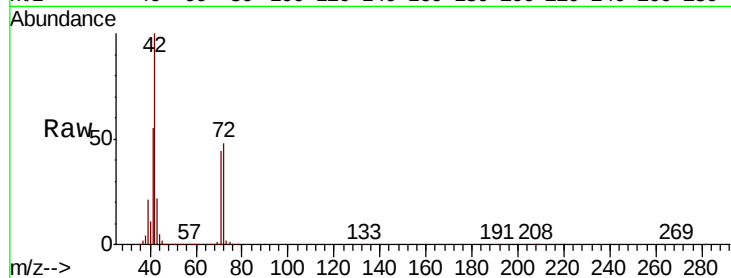
Tot Ion: 42 Resp: 1022684

Ion Ratio Lower Upper

42 100

72 47.6 37.1 55.7

71 44.3 34.5 51.7



#33

1,2-Dichloroethane-d4

Concen: 46.731 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016279.D

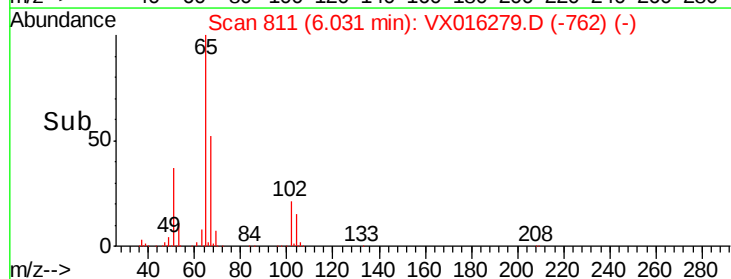
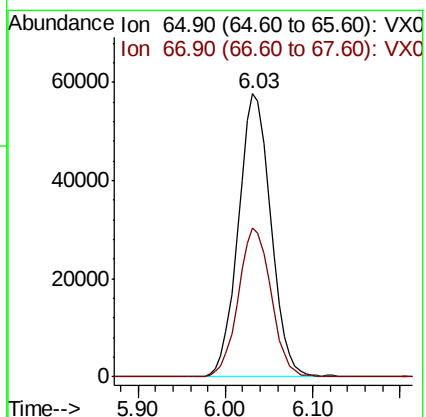
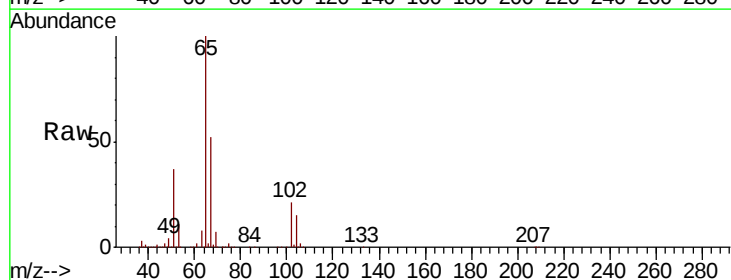
Acq: 15 May 2020 14:40

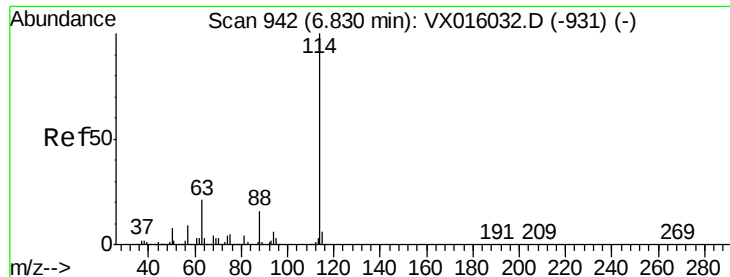
Tgt Ion: 65 Resp: 149526

Ion Ratio Lower Upper

65 100

67 52.8 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016279.D

Acq: 15 May 2020 14:40

Instrument :

MSVOA_X

ClientSampleId :

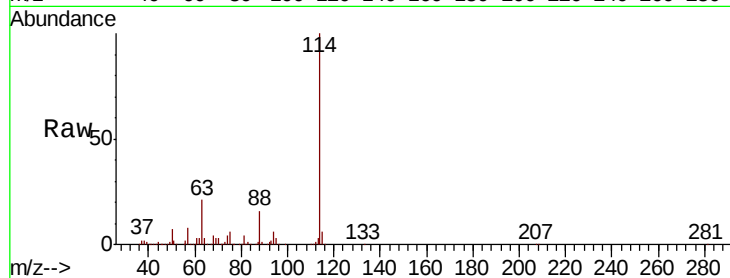
Tot Ion:114 Resp: 407502

Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.8

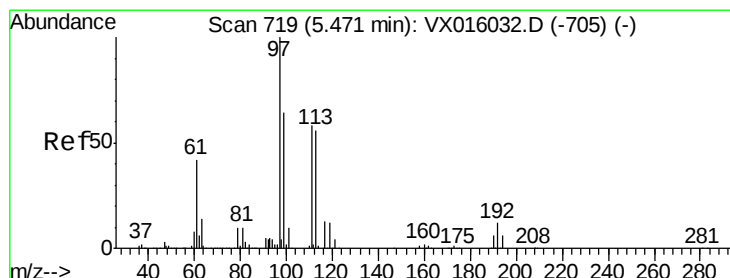
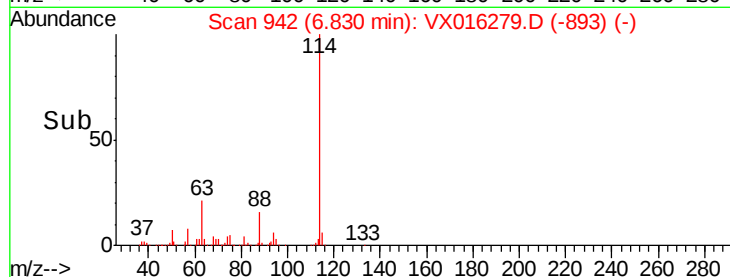
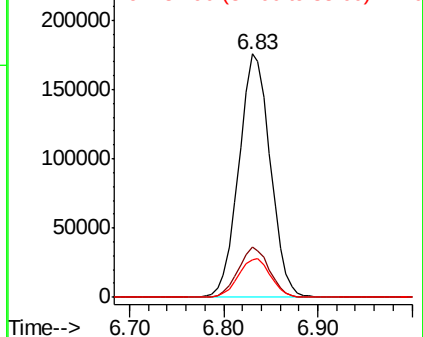
88 15.6 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 47.932 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX016279.D

Acq: 15 May 2020 14:40

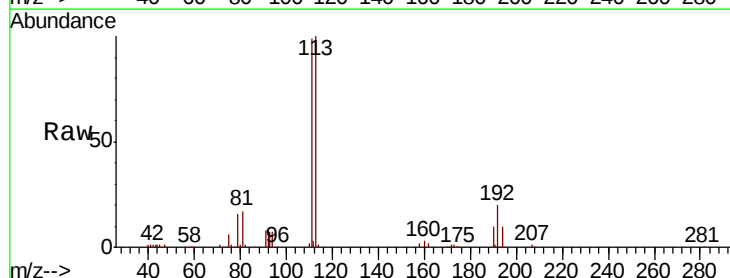
Tgt Ion:113 Resp: 123745

Ion Ratio Lower Upper

113 100

111 101.7 81.6 122.4

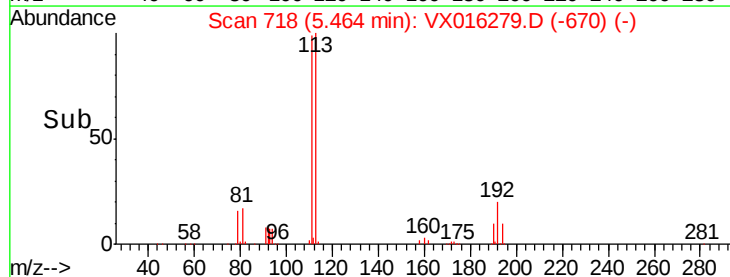
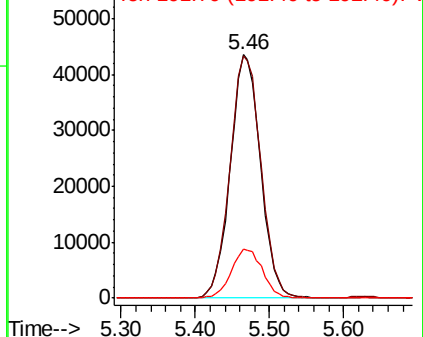
192 20.9 17.0 25.4

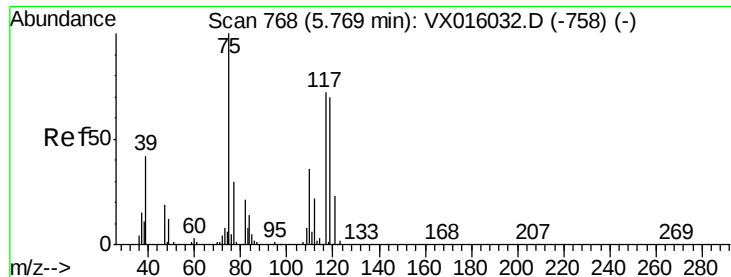


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.180 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.14 min

Lab File: VX016279.D

Acq: 15 May 2020 14:40

Instrument :

MSVOA_X

ClientSampled :

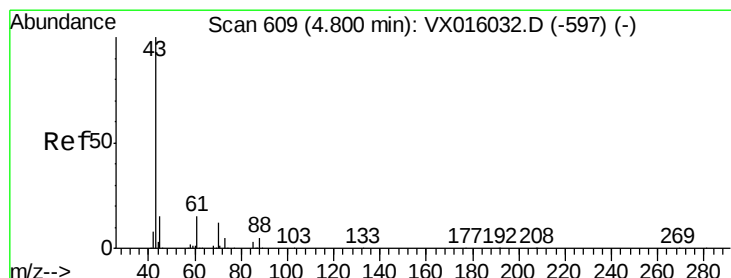
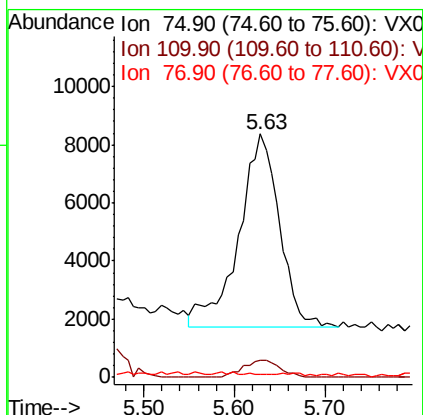
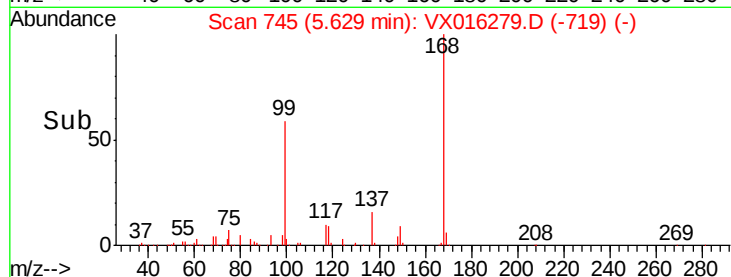
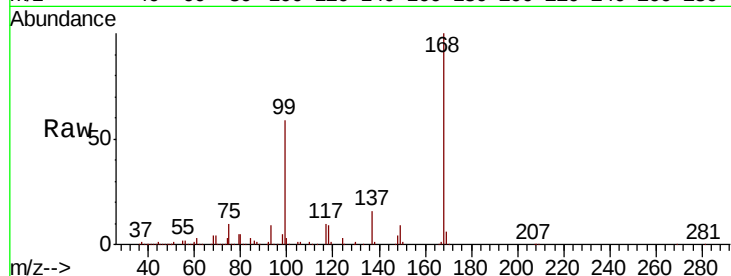
Tot Ion: 75 Resp: 20779

Ion Ratio Lower Upper

75 100

110 7.9 18.1 54.1#

77 0.0 25.0 37.6#



#37

Ethyl Acetate

Concen: 2.211 ug/l

RT: 4.76 min Scan# 602

Delta R.T. -0.04 min

Lab File: VX016279.D

Acq: 15 May 2020 14:40

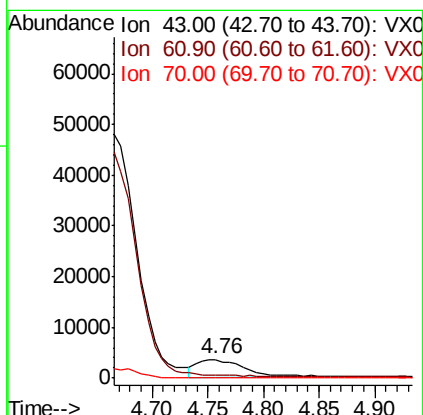
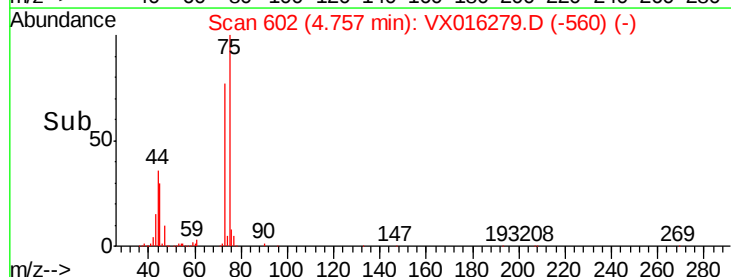
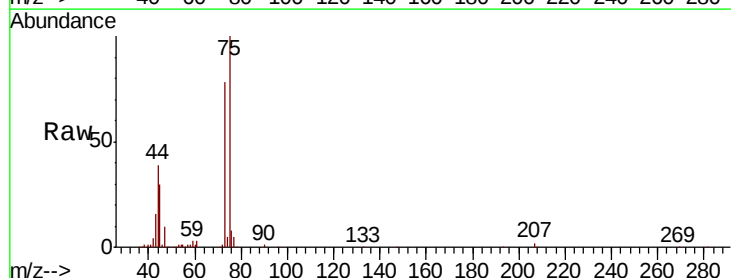
Tgt Ion: 43 Resp: 10279

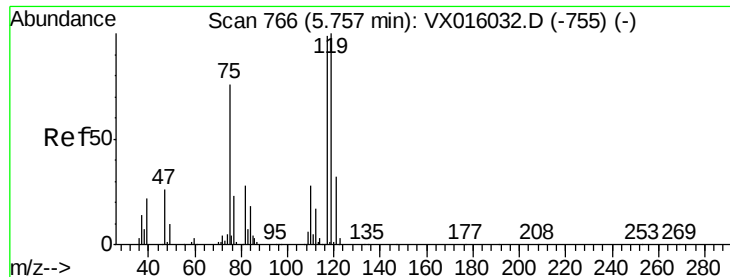
Ion Ratio Lower Upper

43 100

61 0.0 11.7 17.5#

70 0.0 9.3 13.9#

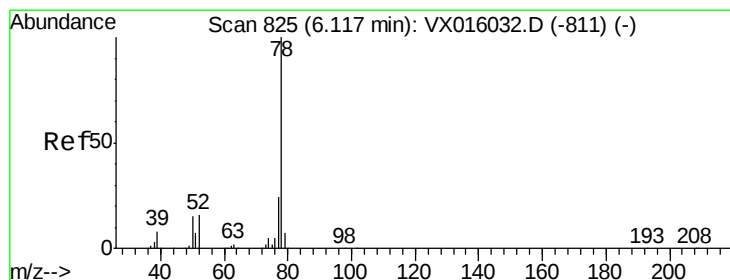
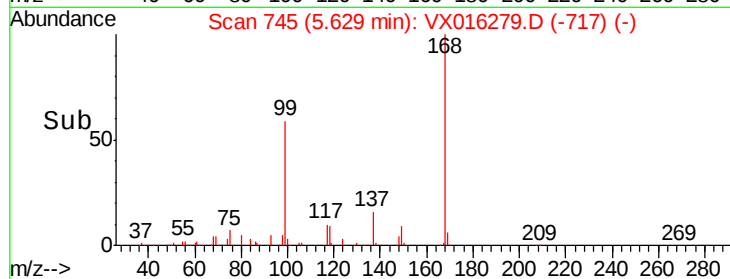
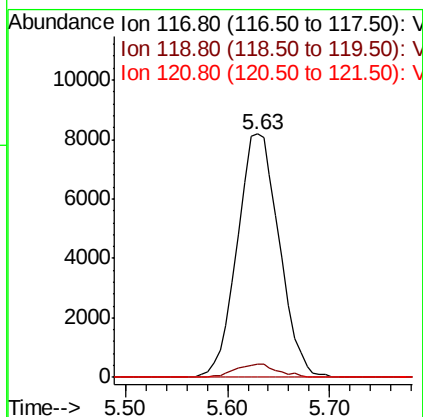
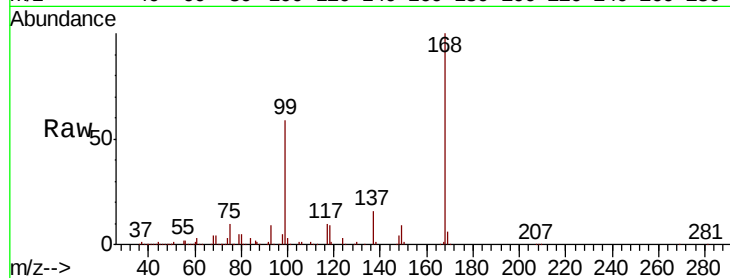




#38
Carbon Tetrachloride
Concen: 5.731 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.13 min
Lab File: VX016279.D
Acq: 15 May 2020 14:40

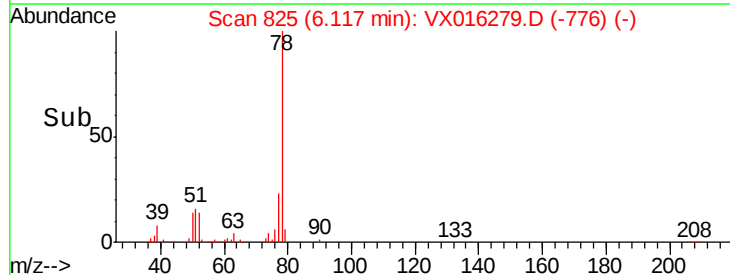
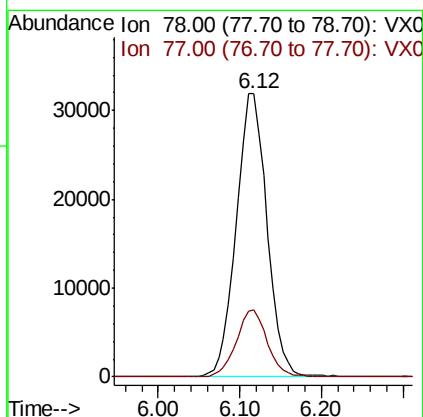
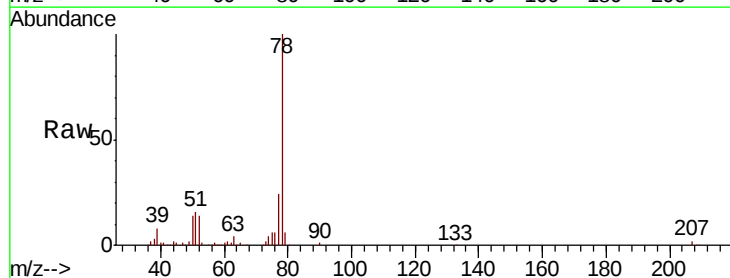
Instrument :
MSVOA_X
ClientSampled :

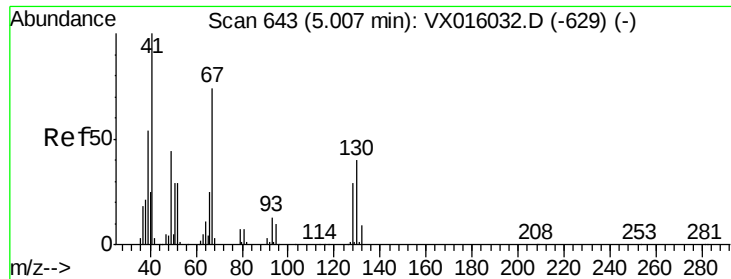
Tot Ion:117 Resp: 23367
Ion Ratio Lower Upper
117 100
119 5.3 80.3 120.5#
121 0.0 25.7 38.5#



#40
Benzene
Concen: 7.093 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016279.D
Acq: 15 May 2020 14:40

Tgt Ion: 78 Resp: 83250
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.4





#41

Methacrylonitrile

Concen: 220.822 ug/l

RT: 5.09 min Scan# 656

Delta R.T. 0.08 min

Lab File: VX016279.D

Acq: 15 May 2020 14:40

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 41 Resp: 554440

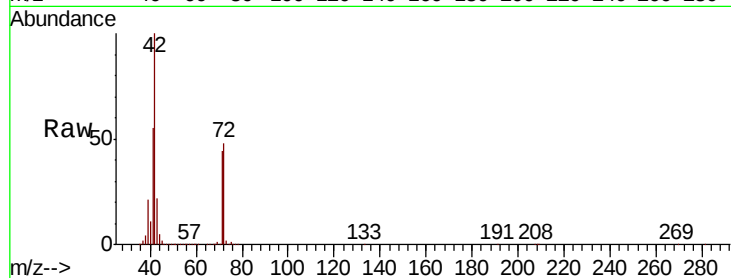
Ion Ratio Lower Upper

41 100

39 39.8 43.2 64.8#

67 0.0 59.3 88.9#

52 0.2 23.5 35.3#

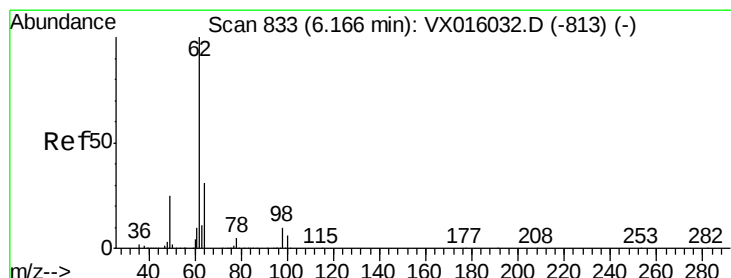
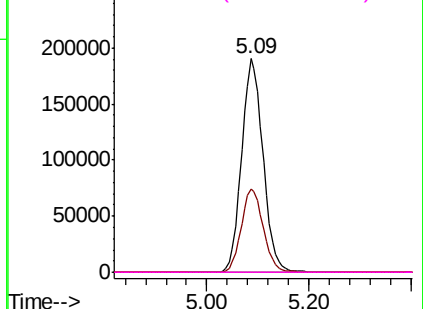
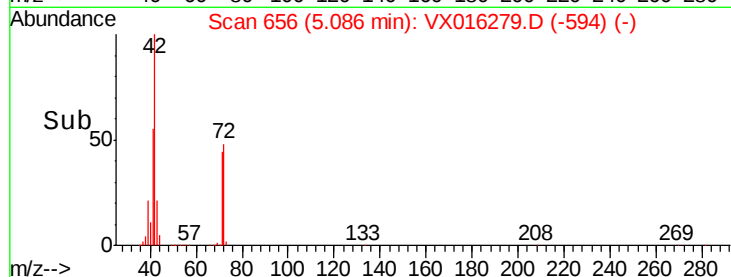


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 0.825 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX016279.D

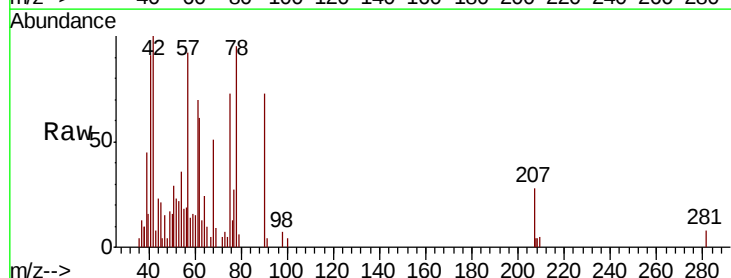
Acq: 15 May 2020 14:40

Tgt Ion: 62 Resp: 3490

Ion Ratio Lower Upper

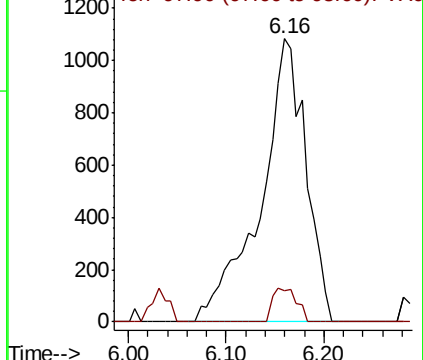
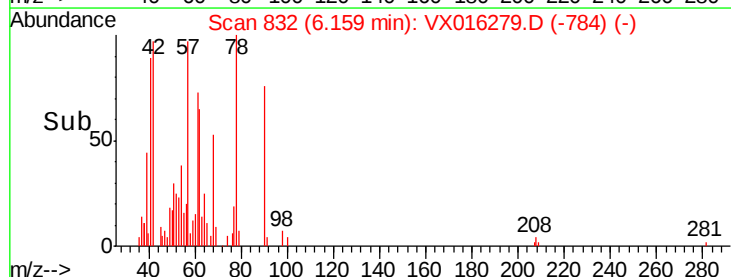
62 100

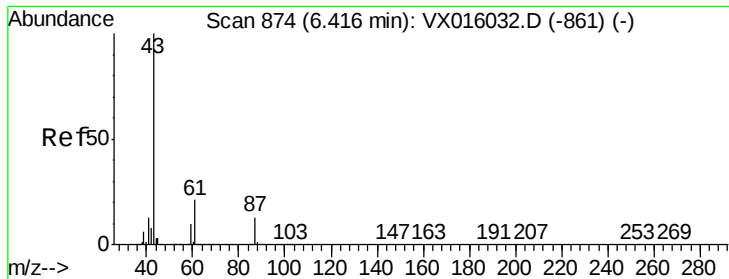
98 6.4 0.0 19.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 0.657 ug/l

RT: 6.40 min Scan# 872

Delta R.T. -0.01 min

Lab File: VX016279.D

Acq: 15 May 2020 14:40

Instrument :

MSVOA_X

ClientSampled :

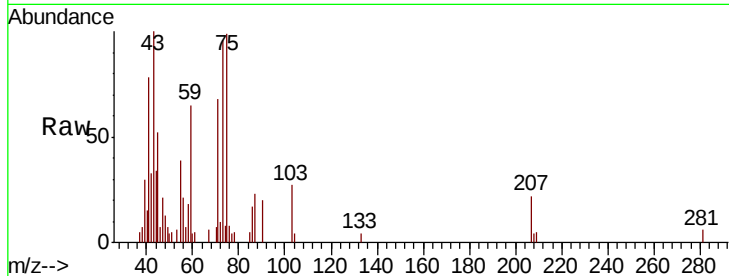
Tot Ion: 43 Resp: 4875

Ion Ratio Lower Upper

43 100

61 5.6 17.0 25.4#

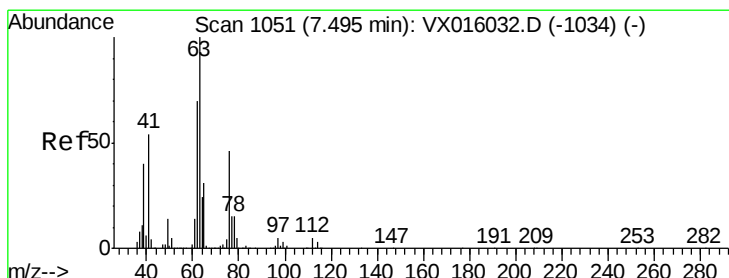
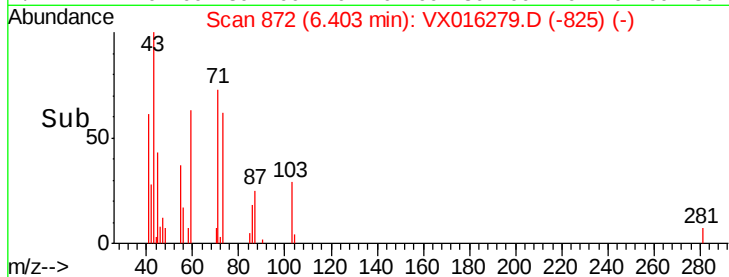
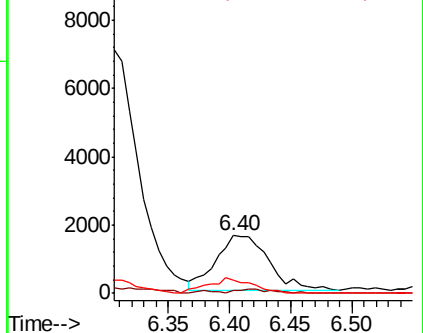
87 23.2 11.0 16.6#



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



#45

1,2-Dichloropropane

Concen: 0.319 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VX016279.D

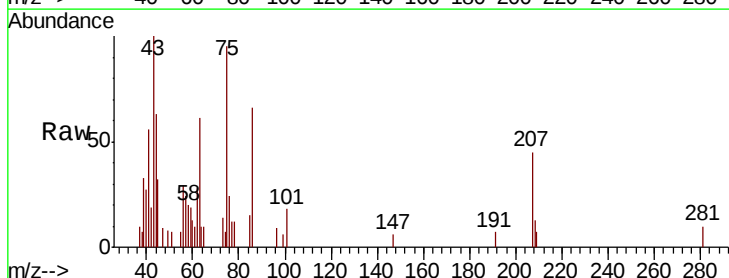
Acq: 15 May 2020 14:40

Tgt Ion: 63 Resp: 948

Ion Ratio Lower Upper

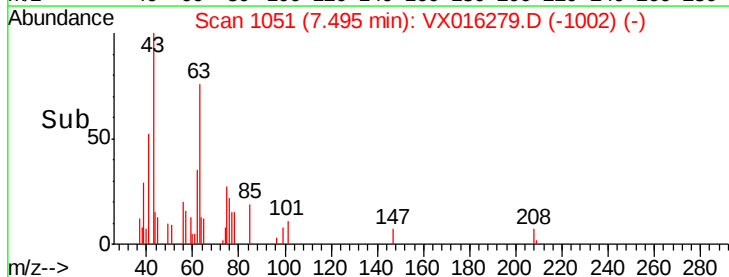
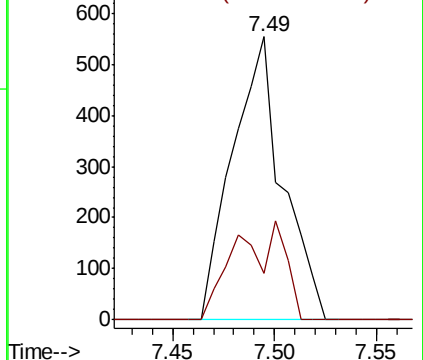
63 100

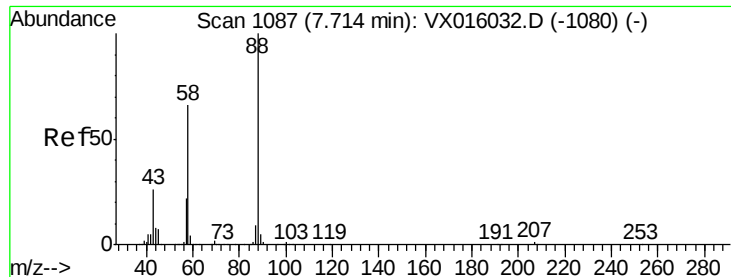
65 16.4 24.4 36.6#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0





#49

1,4-Dioxane

Concen: 124.506 ug/l

RT: 7.72 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX016279.D

Acq: 15 May 2020 14:40

Instrument :

MSVOA_X

ClientSampleId :

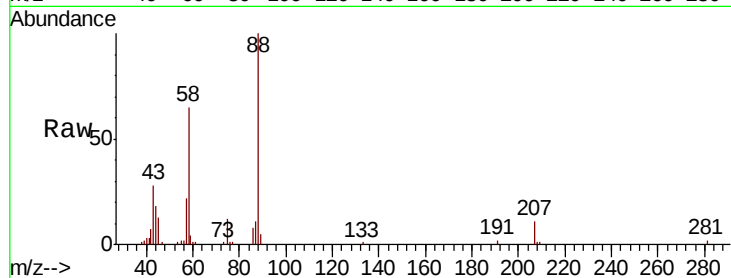
Tot Ion: 88 Resp: 10496

Ion Ratio Lower Upper

88 100

43 28.8 25.3 37.9

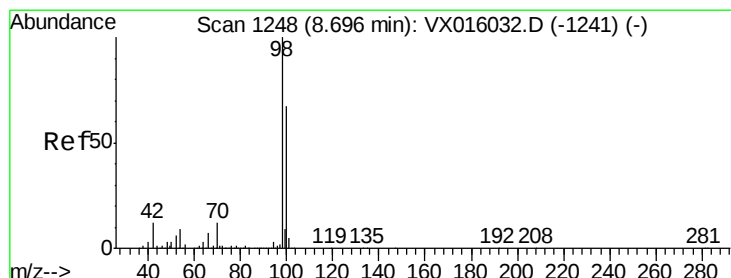
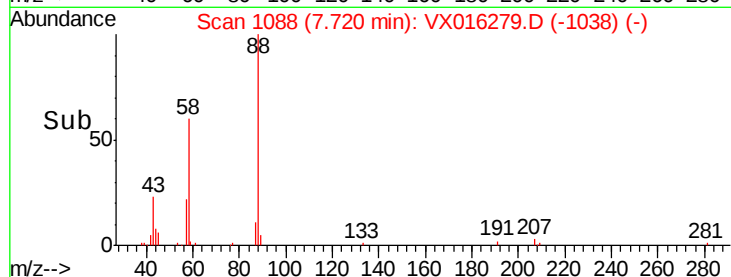
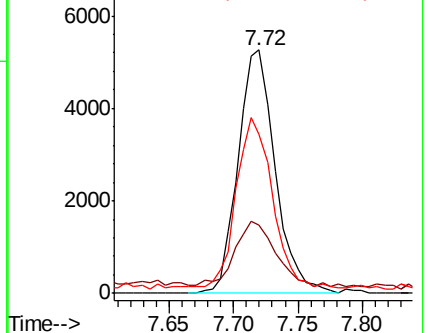
58 68.6 55.9 83.9



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: 51.227 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016279.D

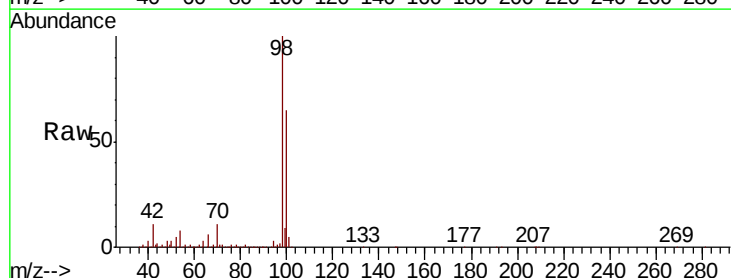
Acq: 15 May 2020 14:40

Tgt Ion: 98 Resp: 509583

Ion Ratio Lower Upper

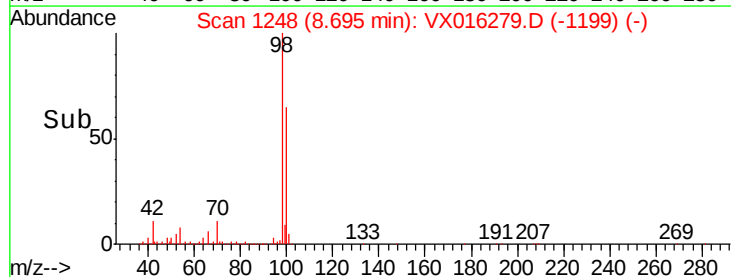
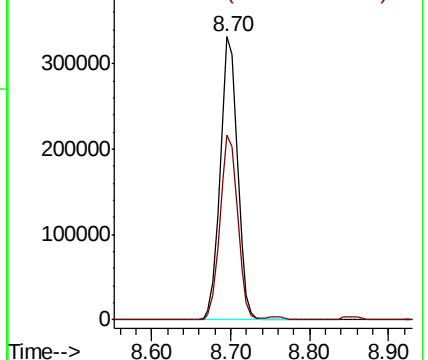
98 100

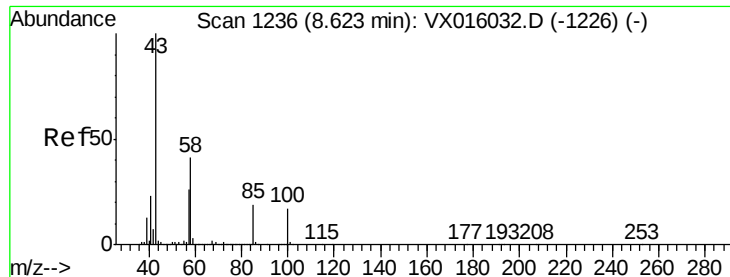
100 66.3 53.7 80.5



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: 1.952 ug/l

RT: 8.60 min Scan# 1232

Delta R.T. -0.02 min

Lab File: VX016279.D

Acq: 15 May 2020 14:40

Instrument :

MSVOA_X

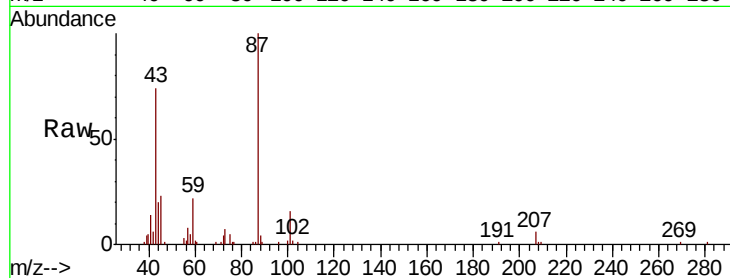
ClientSampleId :

Tot Ion: 43 Resp: 8863

Ion Ratio Lower Upper

43 100

58 0.0 33.0 49.4#



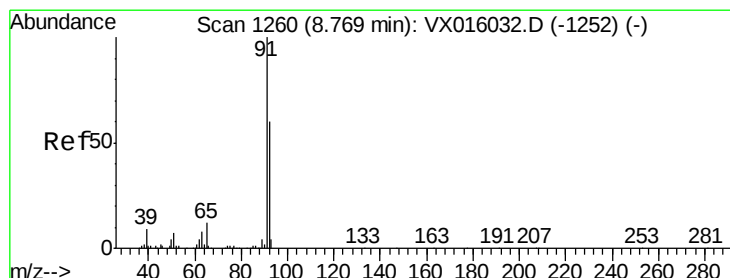
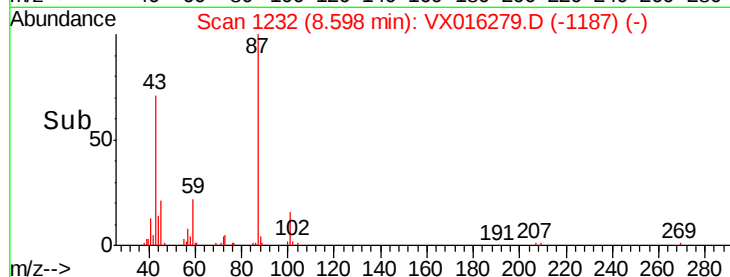
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.60

8.56 8.58 8.60

Time-->



#52

Toluene

Concen: 7.246 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX016279.D

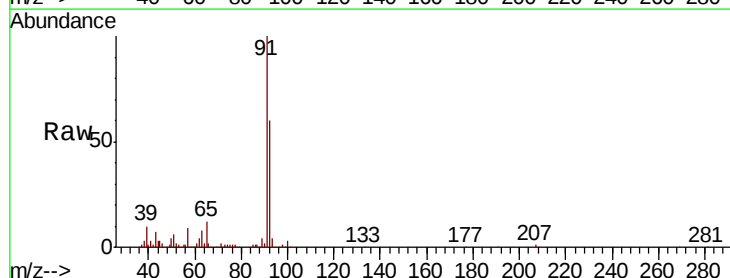
Acq: 15 May 2020 14:40

Tgt Ion: 92 Resp: 53007

Ion Ratio Lower Upper

92 100

91 168.2 134.5 201.7



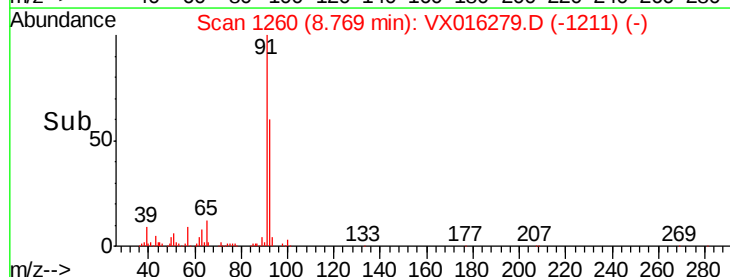
Abundance Ion 92.00 (91.70 to 92.70): VX0

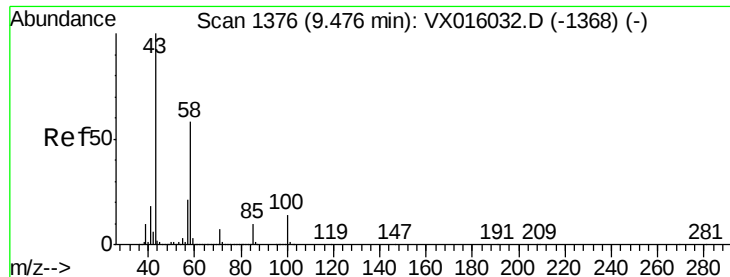
Ion 91.00 (90.70 to 91.70): VX0

8.77

8.70 8.75 8.80 8.85

Time-->

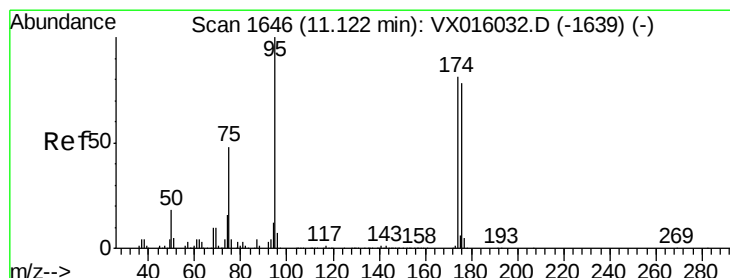
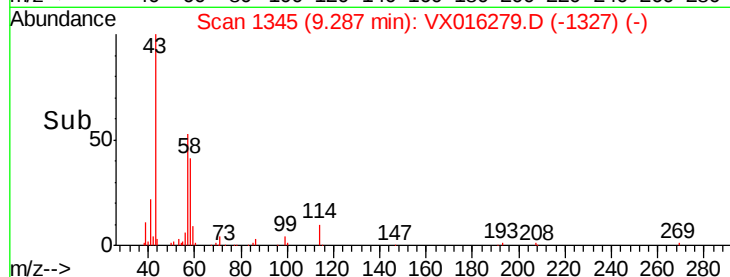
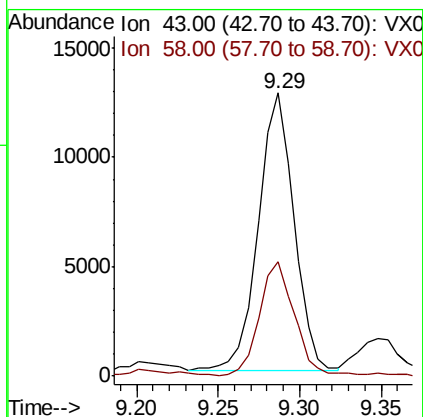
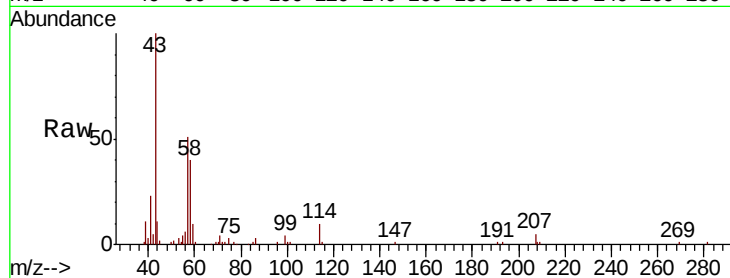




#59
2-Hexanone
Concen: 5.363 ug/l
RT: 9.29 min Scan# 1345
Delta R.T. -0.19 min
Lab File: VX016279.D
Acq: 15 May 2020 14:40

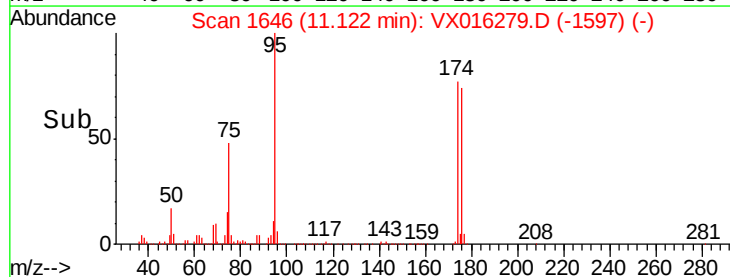
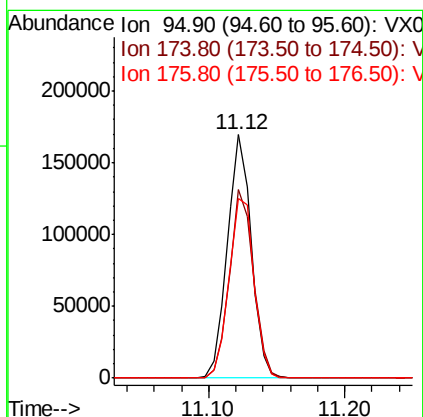
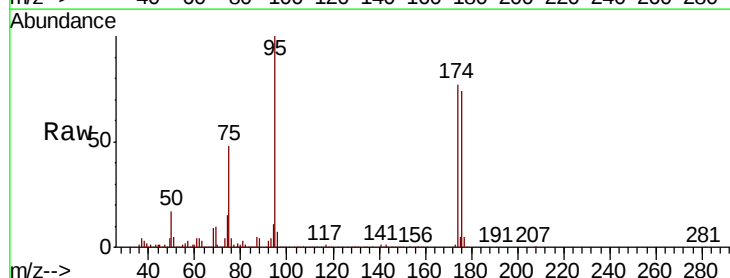
Instrument :
MSVOA_X
ClientSampled :

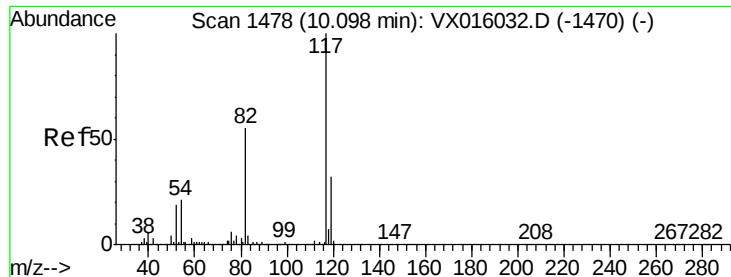
Tot Ion: 43 Resp: 19117
Ion Ratio Lower Upper
43 100
58 39.6 28.6 85.9



#62
4-Bromofluorobenzene
Concen: 54.528 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016279.D
Acq: 15 May 2020 14:40

Tgt Ion: 95 Resp: 206309
Ion Ratio Lower Upper
95 100
174 78.4 0.0 159.4
176 77.9 0.0 157.6

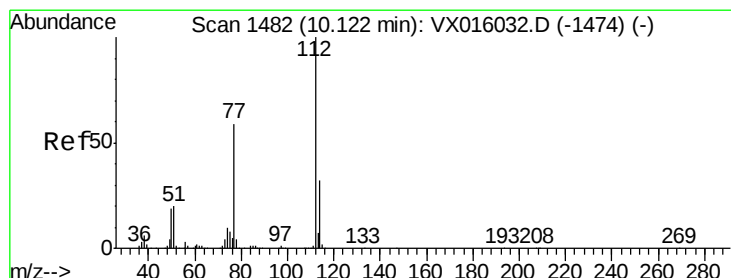
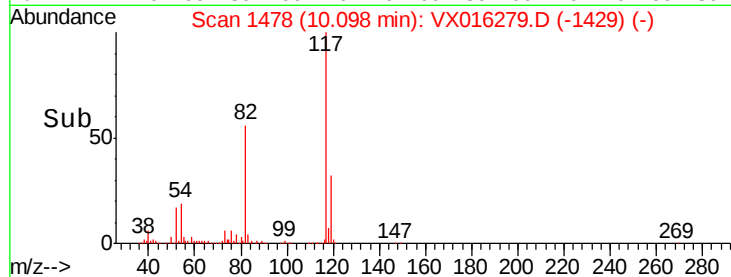
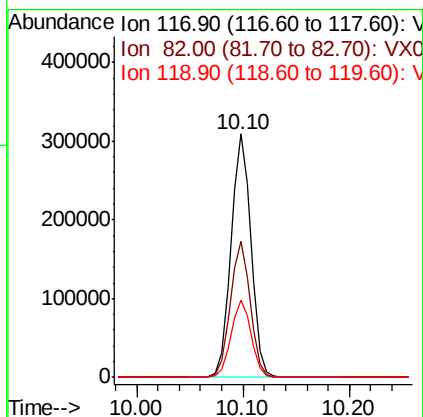
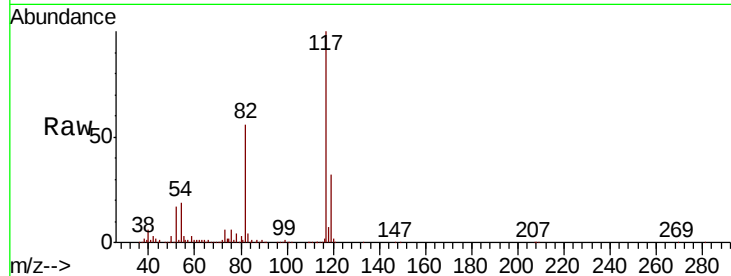




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016279.D
Acq: 15 May 2020 14:40

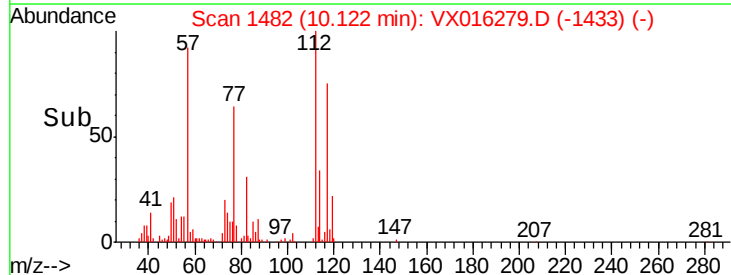
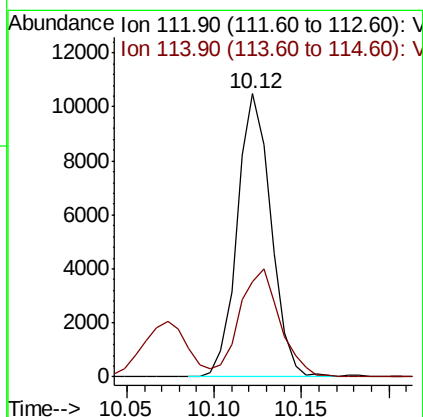
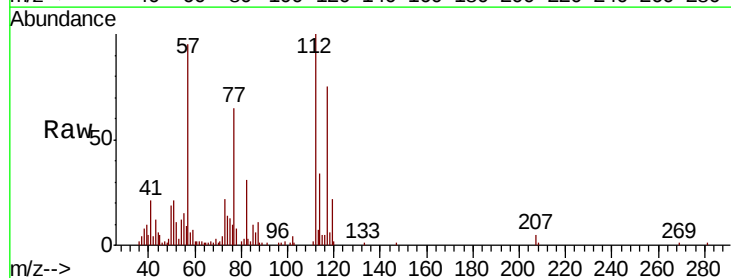
Instrument :
MSVOA_X
ClientSampleId :

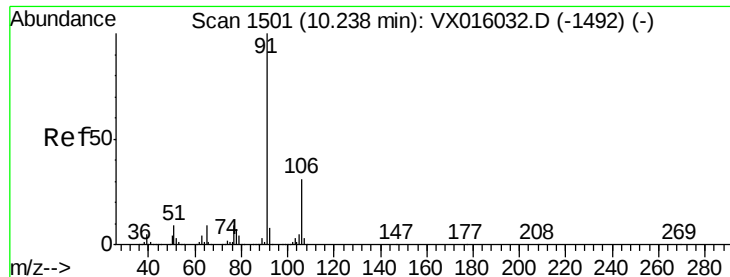
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.7	44.4	66.6
119	31.9	25.5	38.3



#65
Chlorobenzene
Concen: 1.648 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016279.D
Acq: 15 May 2020 14:40

Tgt Ion	Ratio	Lower	Upper
112	100		
114	33.8	25.7	38.5

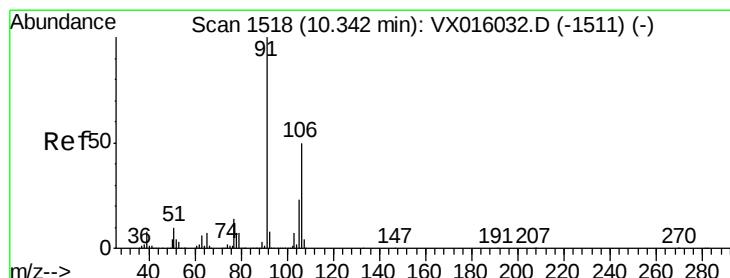
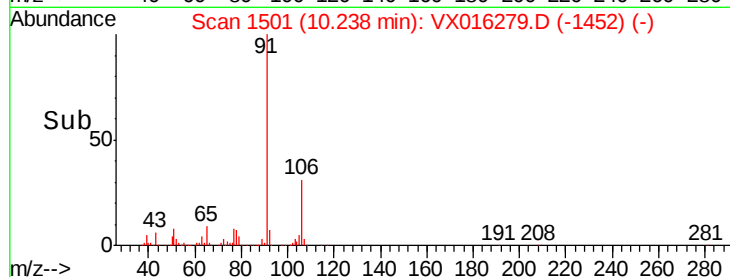
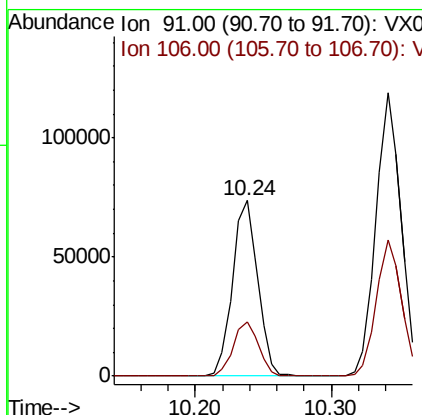
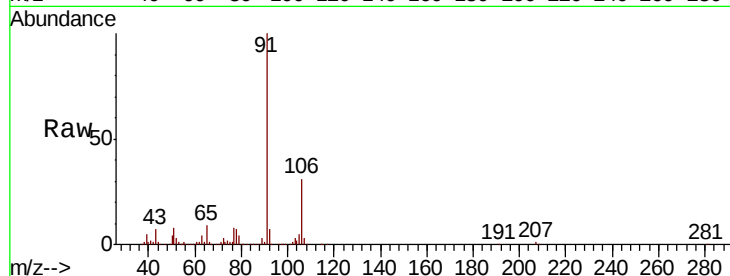




#67
Ethyl Benzene
Concen: 6.273 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016279.D
Acq: 15 May 2020 14:40

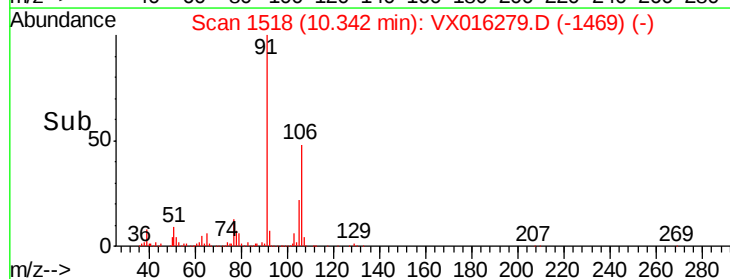
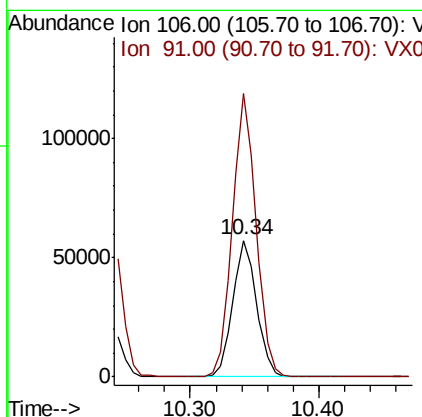
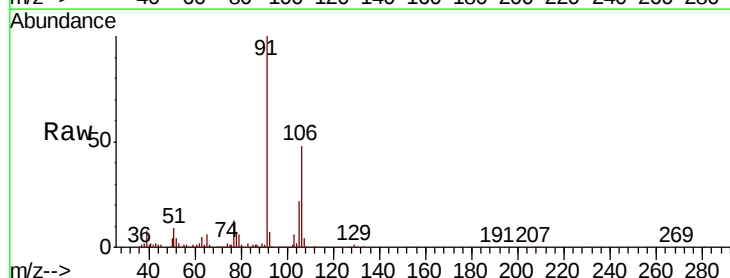
Instrument :
MSVOA_X
ClientSampleID :

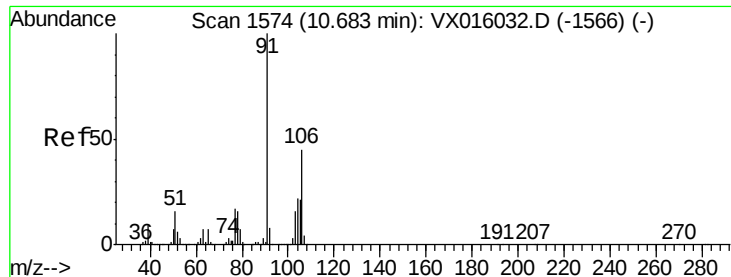
Tot Ion: 91 Resp: 95379
Ion Ratio Lower Upper
91 100
106 30.7 25.1 37.7



#68
m/p-Xylenes
Concen: 13.096 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016279.D
Acq: 15 May 2020 14:40

Tgt Ion: 106 Resp: 74609
Ion Ratio Lower Upper
106 100
91 204.5 161.7 242.5

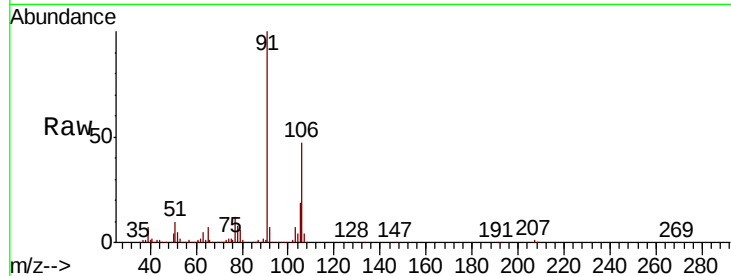




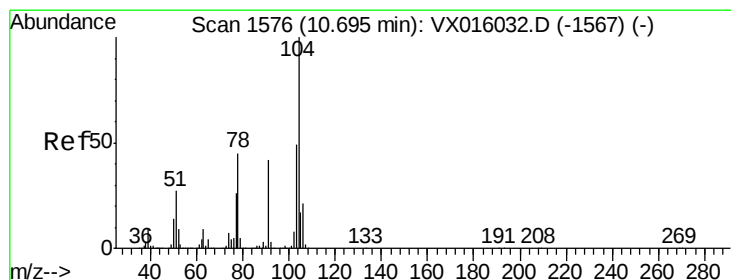
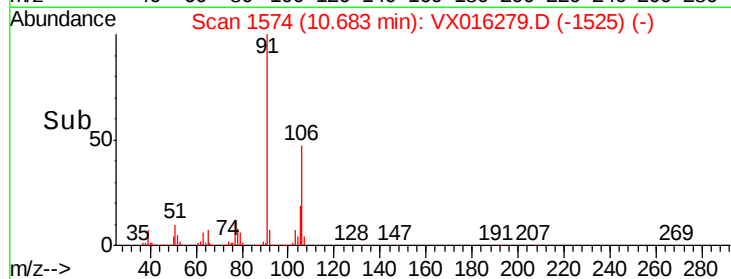
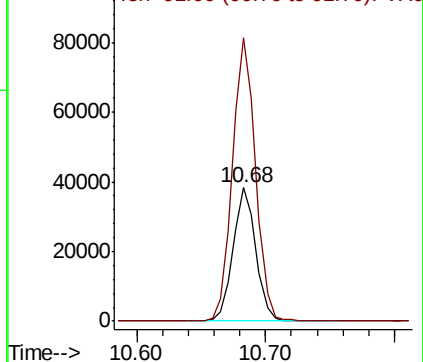
#69
o-Xylene
Concen: 8.616 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016279.D
Acq: 15 May 2020 14:40

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 47179
Ion Ratio Lower Upper
106 100
91 215.4 107.5 322.6

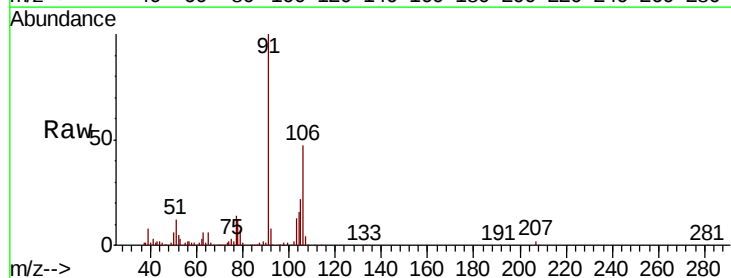


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

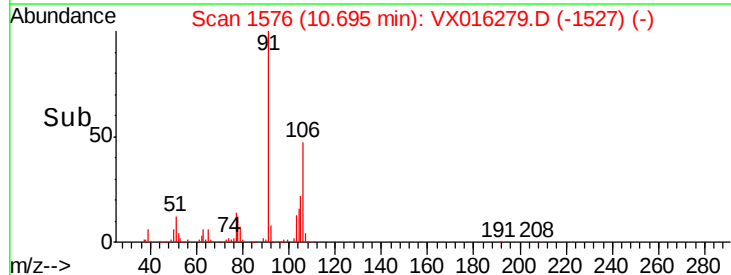
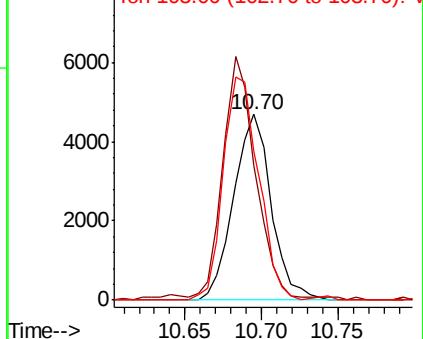


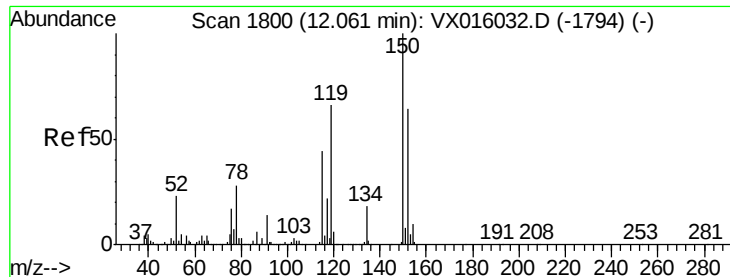
#70
Styrene
Concen: 0.857 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016279.D
Acq: 15 May 2020 14:40

Tgt Ion:104 Resp: 7966
Ion Ratio Lower Upper
104 100
78 116.6 40.2 60.2#
103 113.4 43.0 64.6#



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016279.D

Acq: 15 May 2020 14:40

Instrument :

MSVOA_X

ClientSampleId :

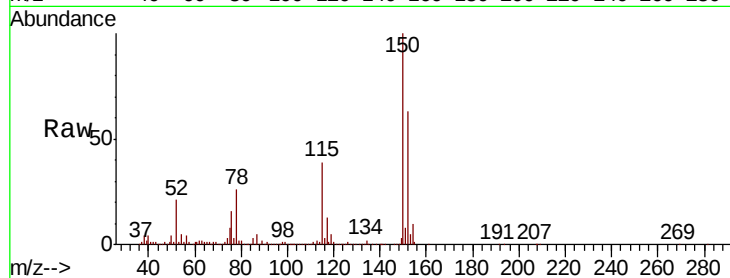
Tot Ion:152 Resp: 206966

Ion Ratio Lower Upper

152 100

115 61.2 41.3 124.1

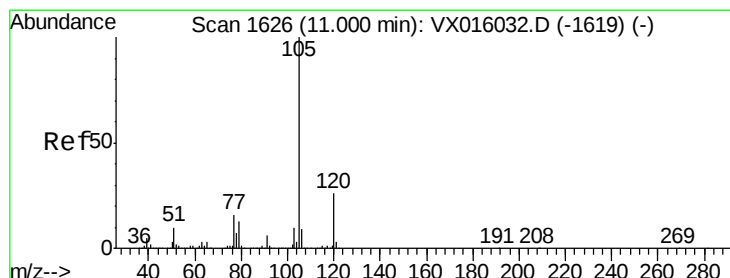
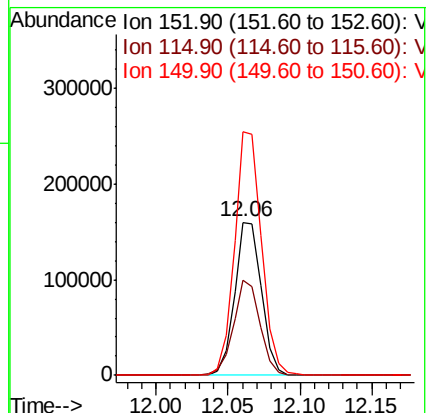
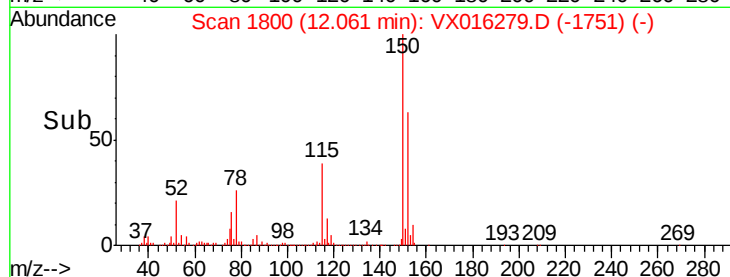
150 160.9 0.0 352.2



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: 0.778 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX016279.D

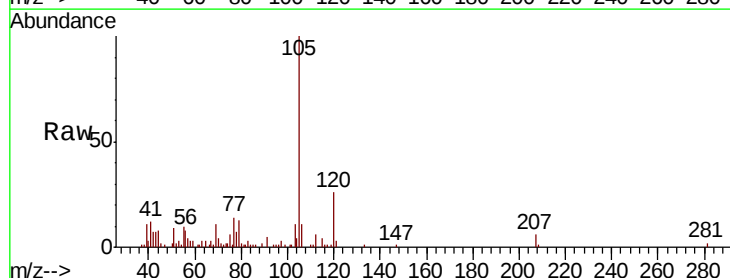
Acq: 15 May 2020 14:40

Tgt Ion:105 Resp: 11713

Ion Ratio Lower Upper

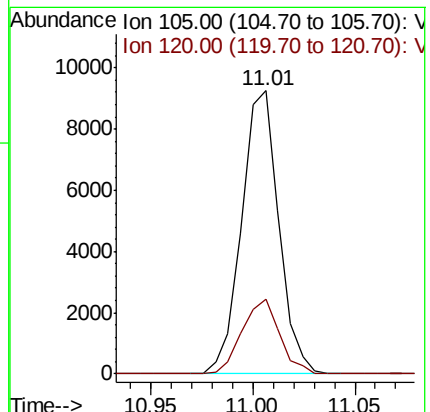
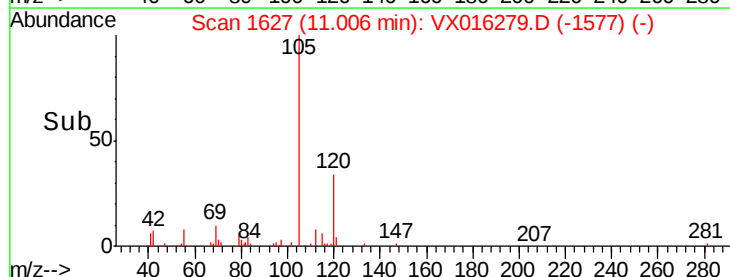
105 100

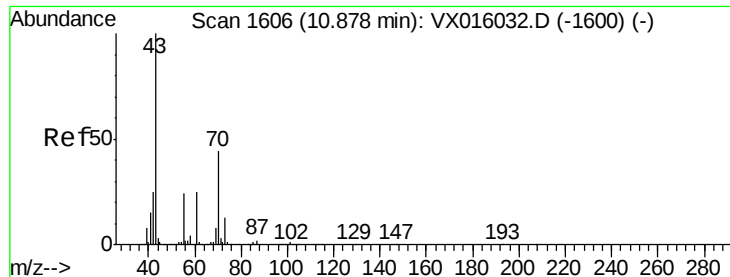
120 26.6 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 1.199 ug/l

RT: 10.93 min Scan# 1615

Delta R.T. 0.05 min

Lab File: VX016279.D

Acq: 15 May 2020 14:40

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 43 Resp: 8416

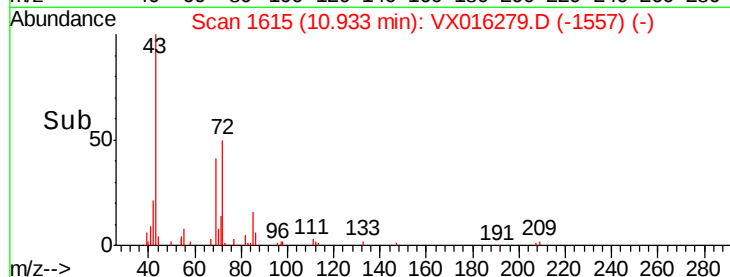
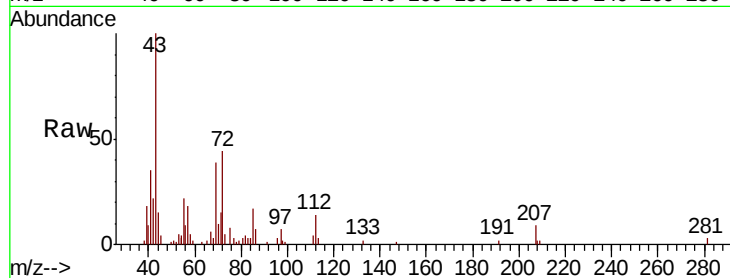
Ion Ratio Lower Upper

43 100

70 5.4 36.5 54.7#

55 23.9 19.7 29.5

61 0.0 20.9 31.3#

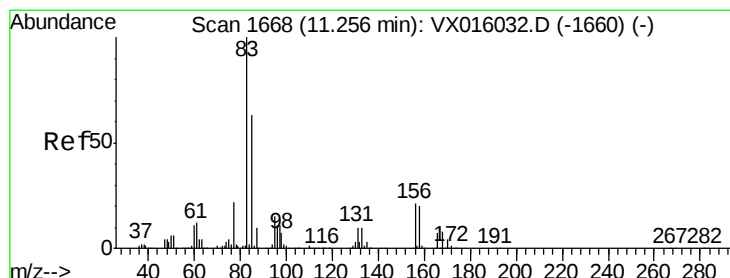
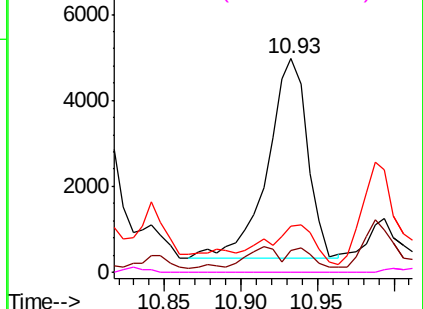


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 2.161 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX016279.D

Acq: 15 May 2020 14:40

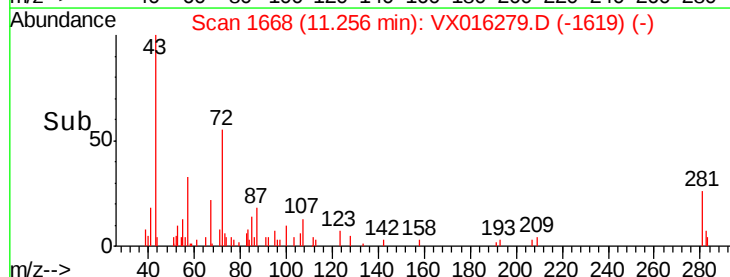
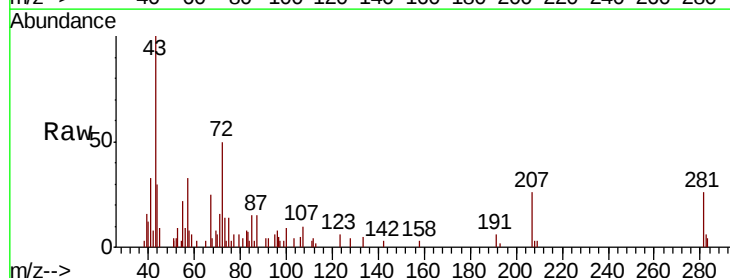
Tgt Ion: 83 Resp: 315

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.4#

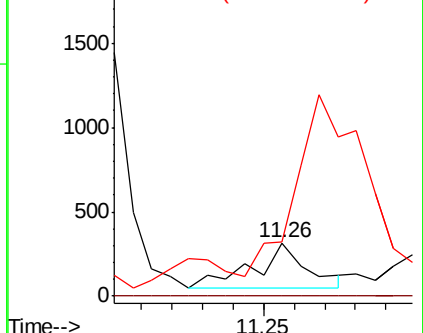
85 587.0 32.0 96.0#

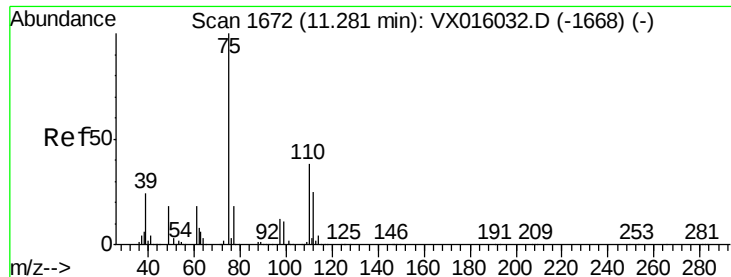


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 21.301 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016279.D

Acq: 15 May 2020 14:40

Instrument :

MSVOA_X

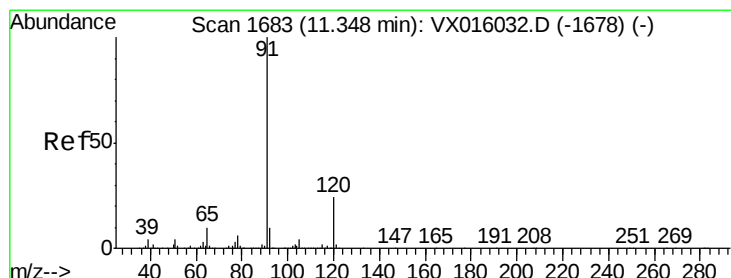
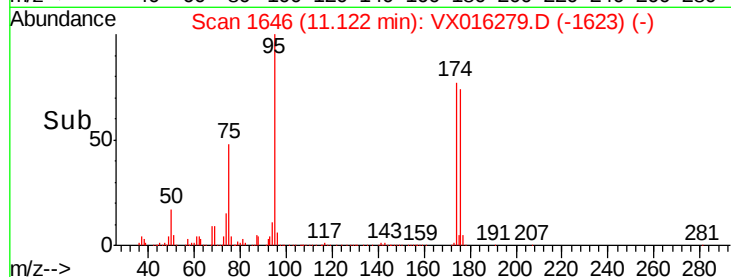
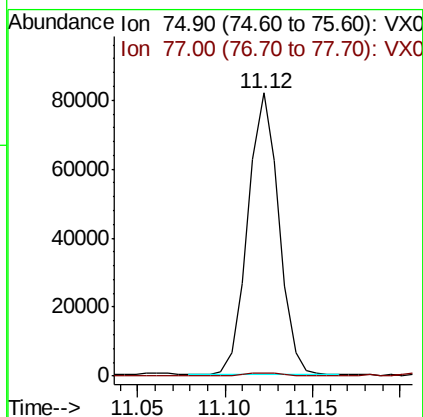
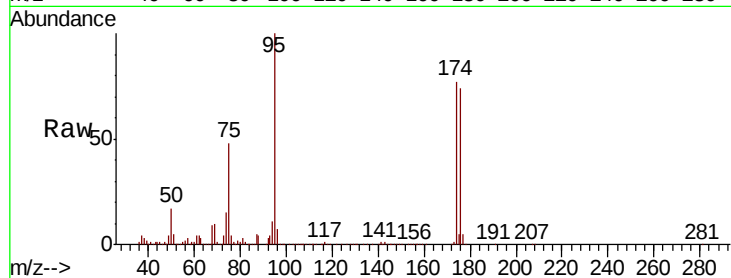
ClientSampleId :

Tot Ion: 75 Resp: 100043

Ion Ratio Lower Upper

75 100

77 1.3 21.2 63.6#



#78

n-propylbenzene

Concen: 0.257 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VX016279.D

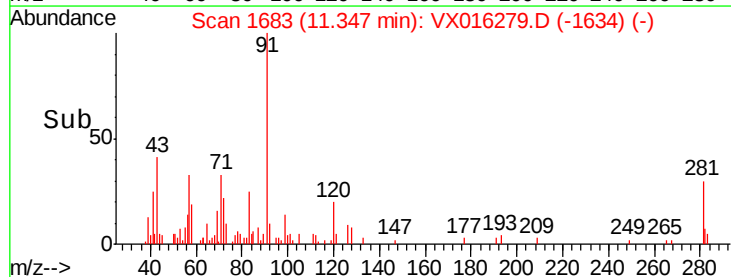
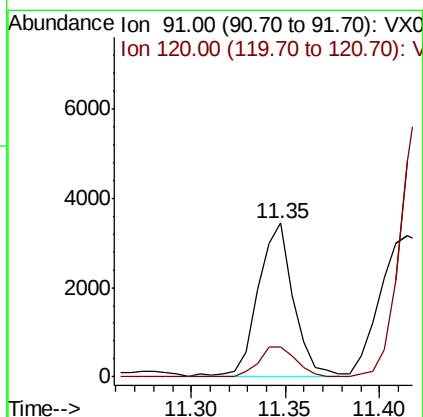
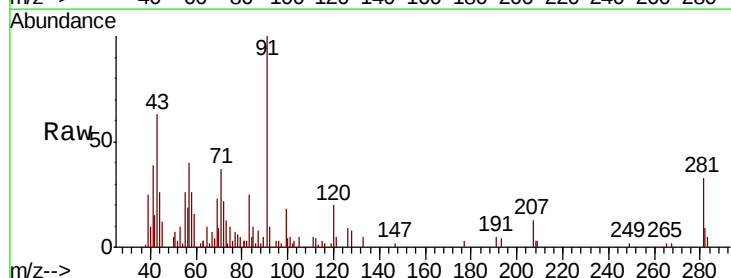
Acq: 15 May 2020 14:40

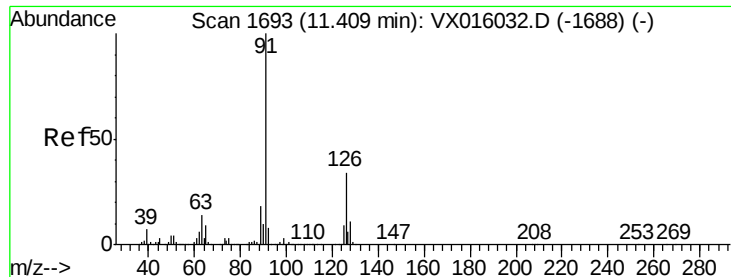
Tgt Ion: 91 Resp: 4492

Ion Ratio Lower Upper

91 100

120 20.5 11.5 34.5

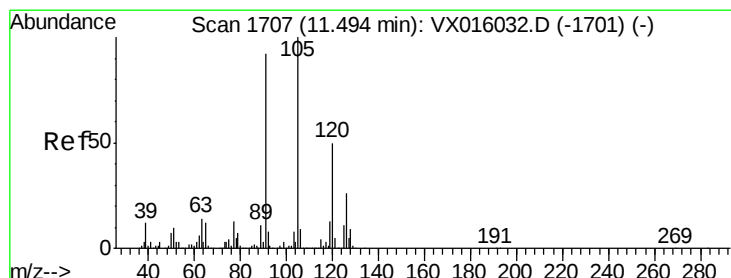
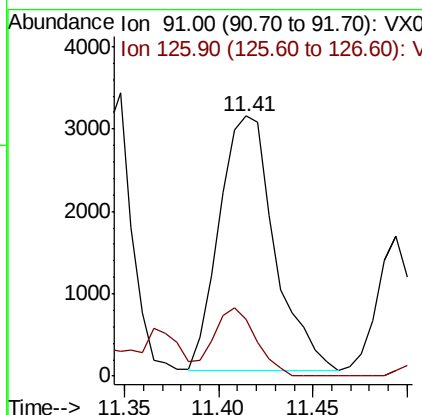
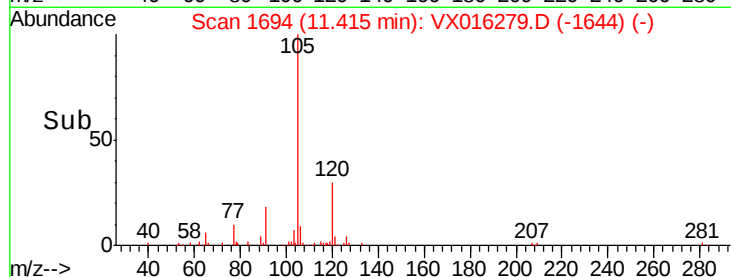
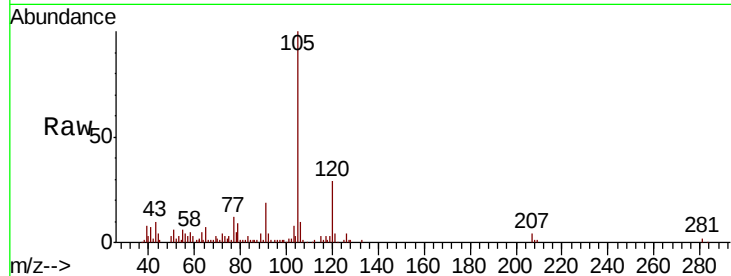




#79
 2-Chlorotoluene
 Concen: 0.610 ug/l
 RT: 11.41 min Scan# 1694
 Delta R.T. 0.01 min
 Lab File: VX016279.D
 Acq: 15 May 2020 14:40

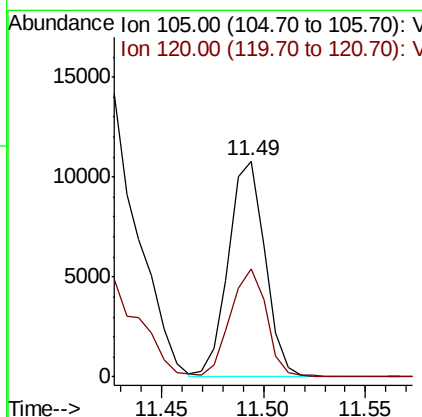
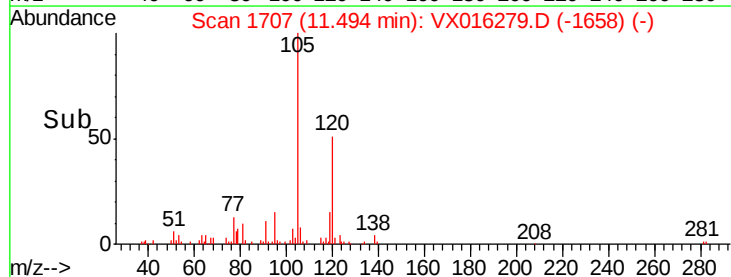
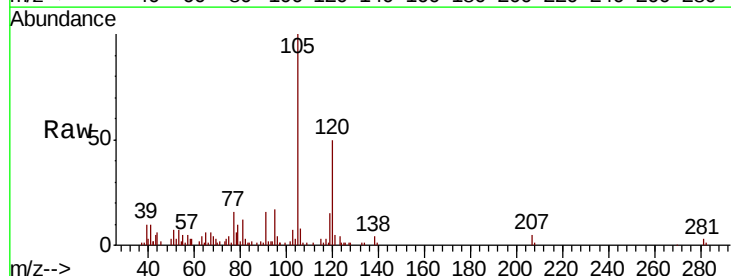
Instrument :
 MSVOA_X
 ClientSampleId :

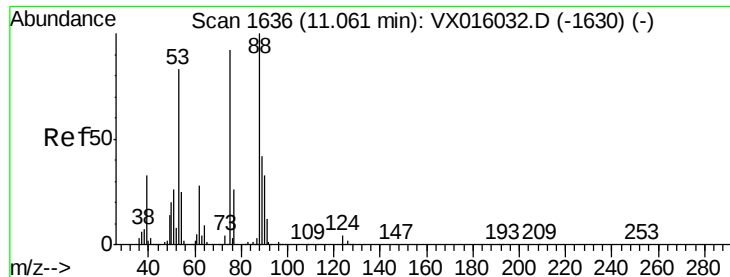
Tot Ion: 91 Resp: 6308
 Ion Ratio Lower Upper
 91 100
 126 20.9 16.9 50.6



#80
 1,3,5-Trimethylbenzene
 Concen: 1.059 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX016279.D
 Acq: 15 May 2020 14:40

Tgt Ion: 105 Resp: 13456
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 50.763 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX016279.D

Acq: 15 May 2020 14:40

Instrument :

MSVOA_X

ClientSampled :

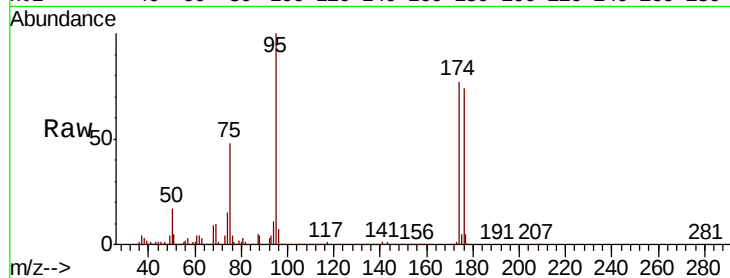
Tot Ion: 75 Resp: 100043

Ion Ratio Lower Upper

75 100

53 0.2 73.1 109.7#

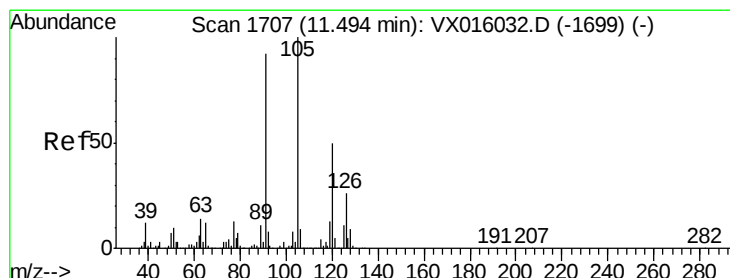
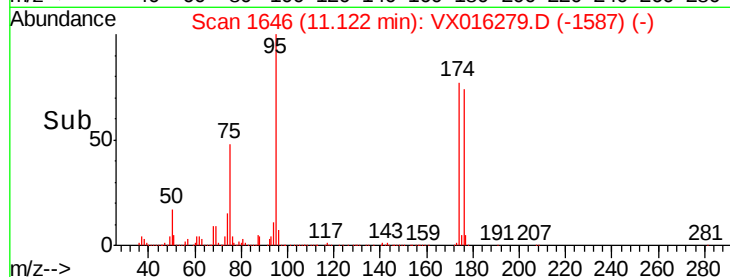
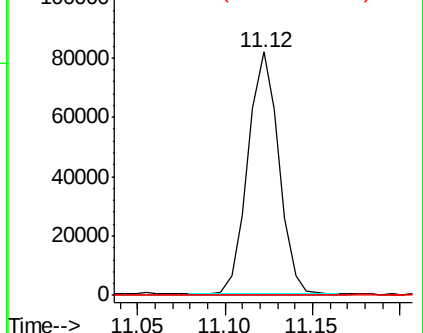
89 0.0 36.7 55.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 0.533 ug/l

RT: 11.41 min Scan# 1694

Delta R.T. -0.08 min

Lab File: VX016279.D

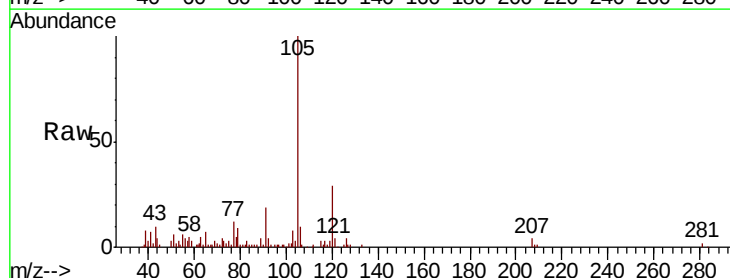
Acq: 15 May 2020 14:40

Tgt Ion: 91 Resp: 6503

Ion Ratio Lower Upper

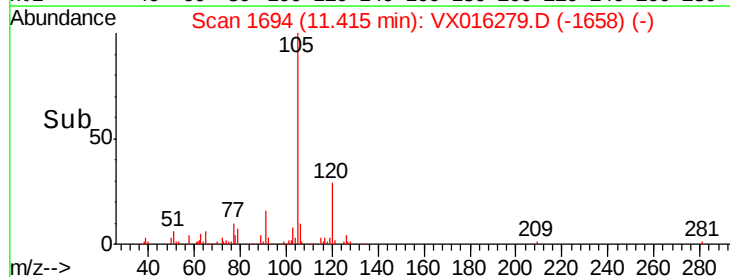
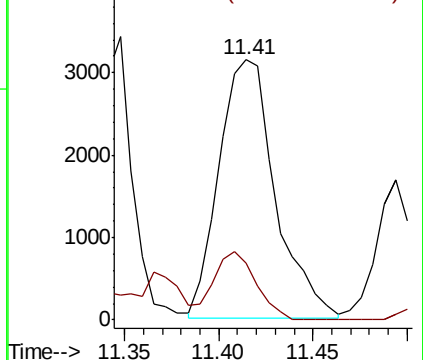
91 100

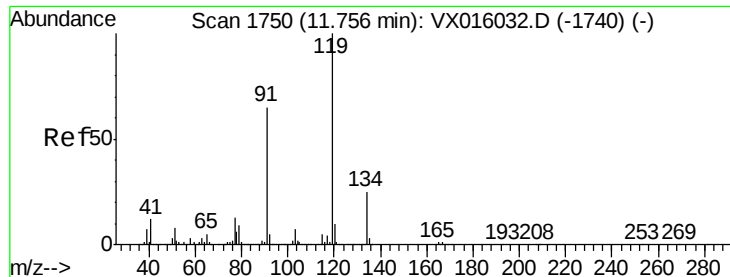
126 20.3 14.8 44.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

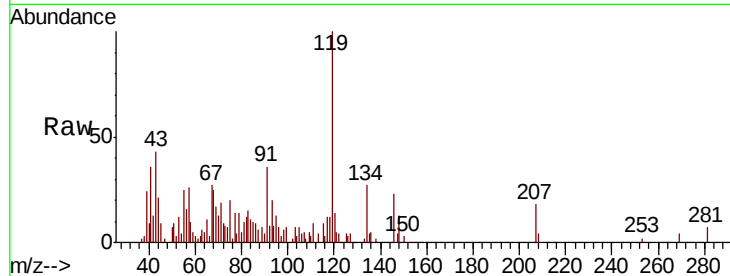




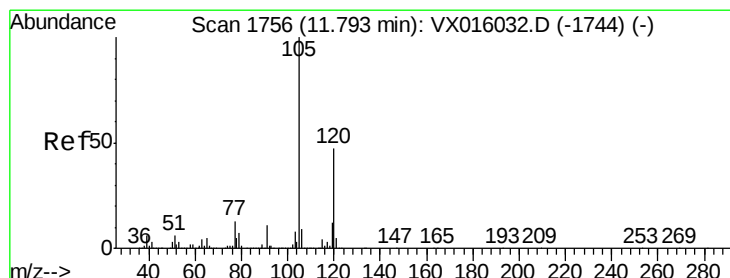
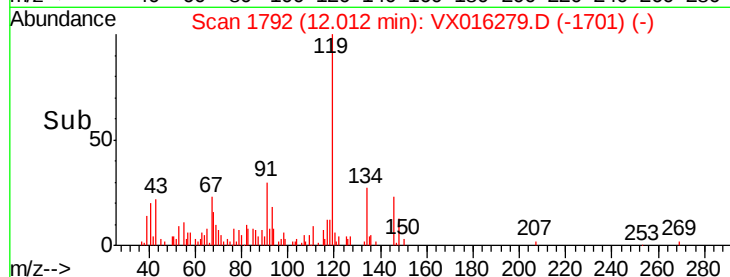
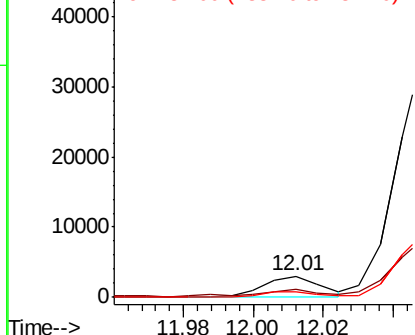
#83
tert-Butylbenzene
Concen: 0.317 ug/l
RT: 12.01 min Scan# 1792
Delta R.T. 0.26 min
Lab File: VX016279.D
Acq: 15 May 2020 14:40

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:119 Resp: 3471
Ion Ratio Lower Upper
119 100
91 37.5 32.8 98.4
134 28.1 12.4 37.0

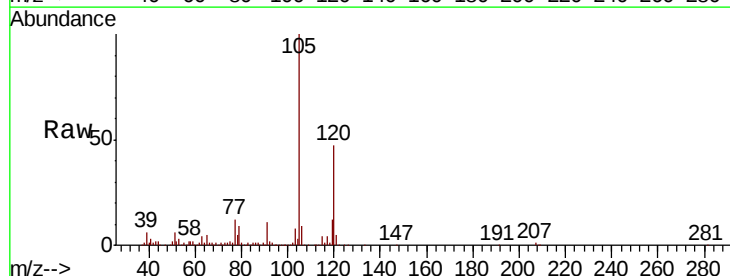


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

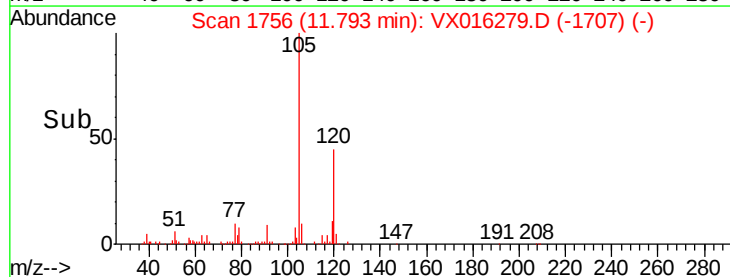
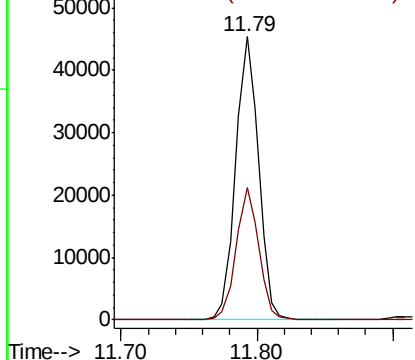


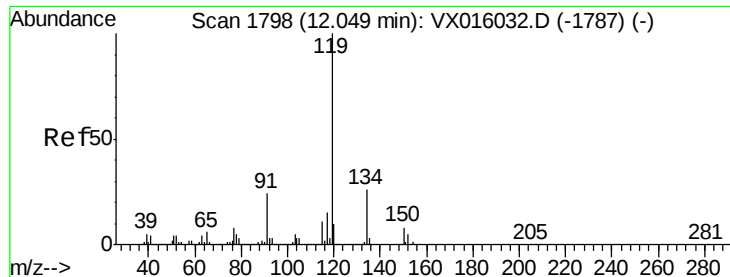
#84
1,2,4-Trimethylbenzene
Concen: 4.125 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016279.D
Acq: 15 May 2020 14:40

Tgt Ion:105 Resp: 53011
Ion Ratio Lower Upper
105 100
120 46.3 23.0 69.0



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

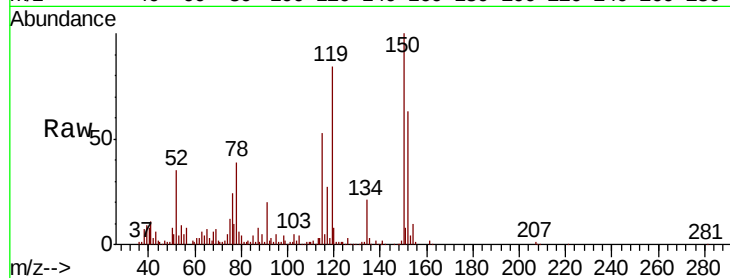




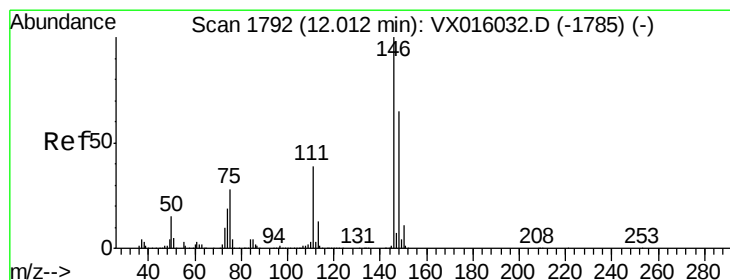
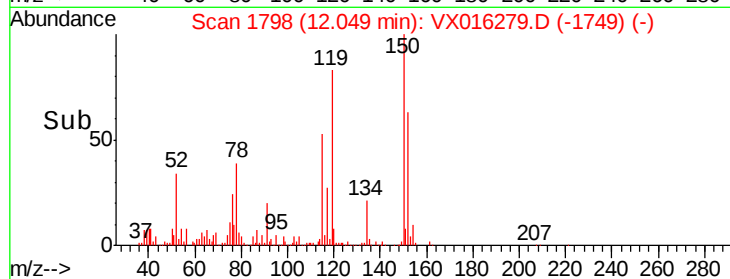
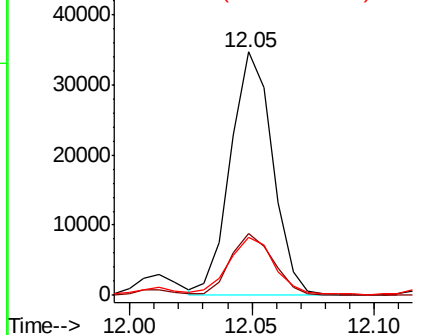
#86
 p-Isopropyltoluene
 Concen: 3.025 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016279.D
 Acq: 15 May 2020 14:40

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.0	13.1	39.3
91	25.5	11.8	35.4

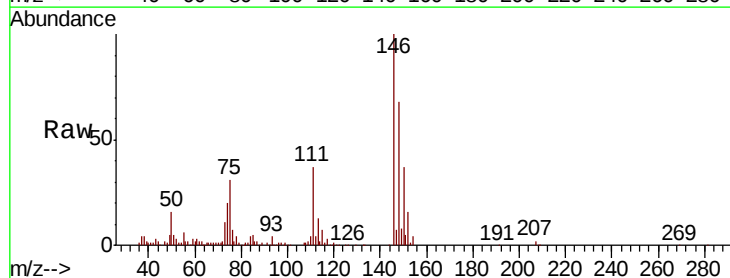


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

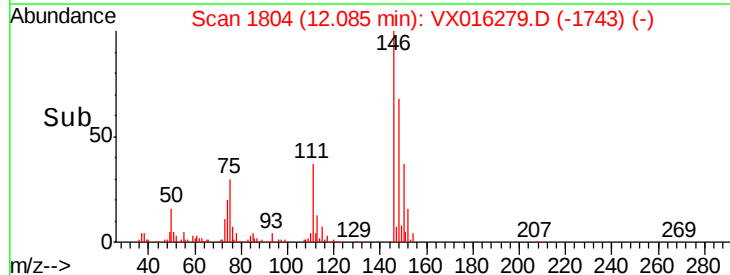
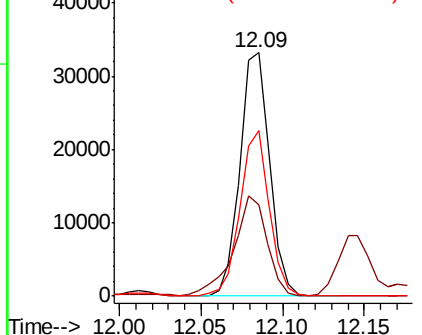


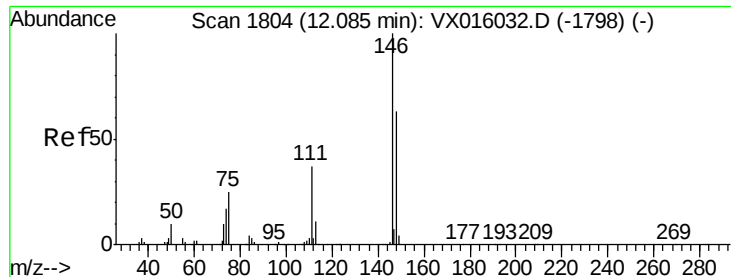
#87
 1,3-Dichlorobenzene
 Concen: 6.057 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. 0.07 min
 Lab File: VX016279.D
 Acq: 15 May 2020 14:40

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.5	20.2	60.6
148	67.0	32.1	96.3



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





#88

1,4-Dichlorobenzene

Concen: 5.967 ug/l

RT: 12.09 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VX016279.D

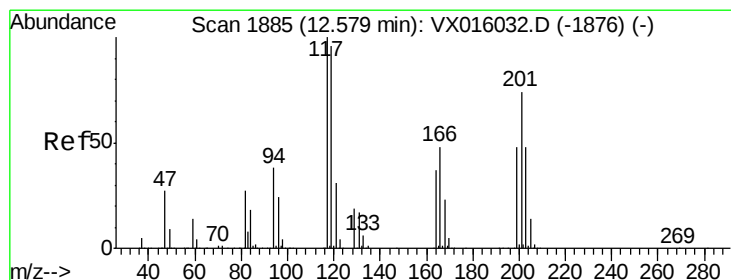
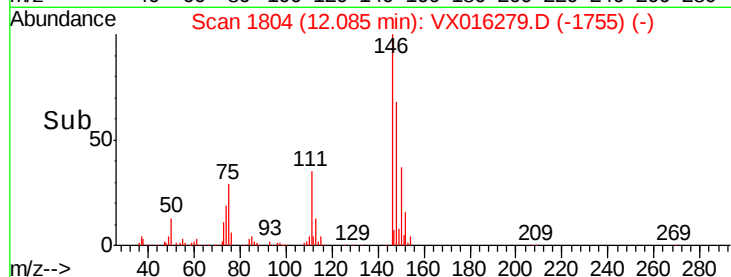
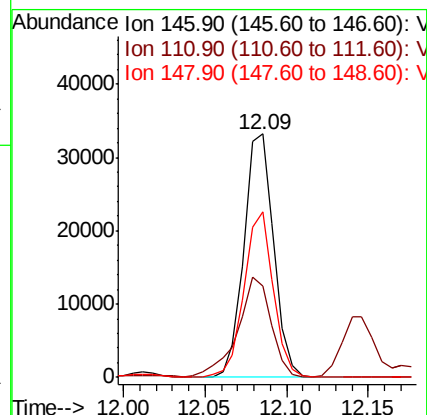
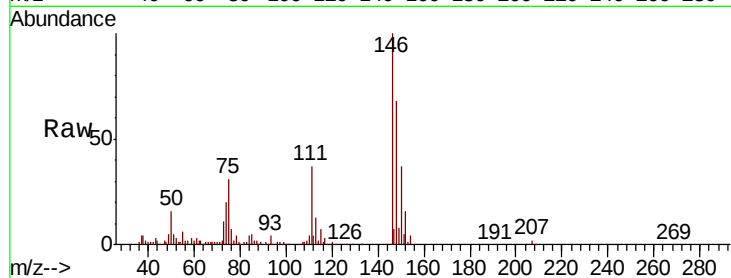
Acq: 15 May 2020 14:40

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:146	Resp:	42256
Ion Ratio	Lower	Upper
146	100	
111	45.5	19.6 58.7
148	67.0	31.8 95.3



#90

Hexachloroethane

Concen: 0.586 ug/l

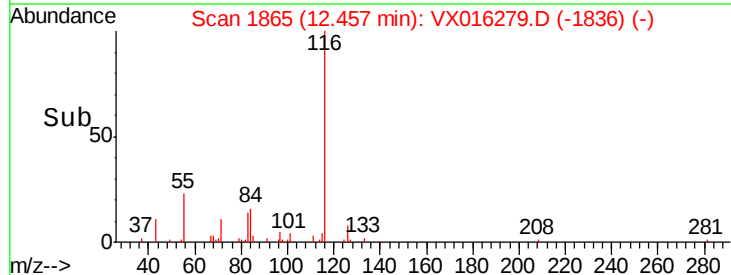
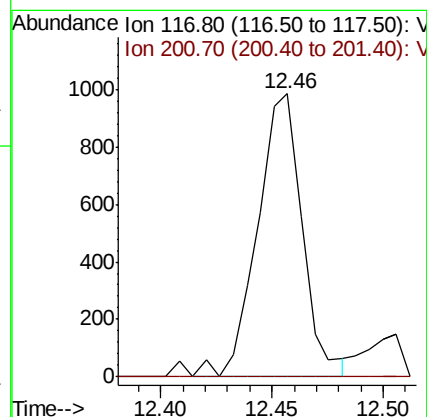
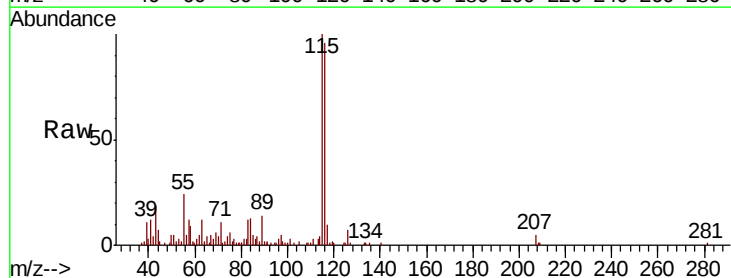
RT: 12.46 min Scan# 1865

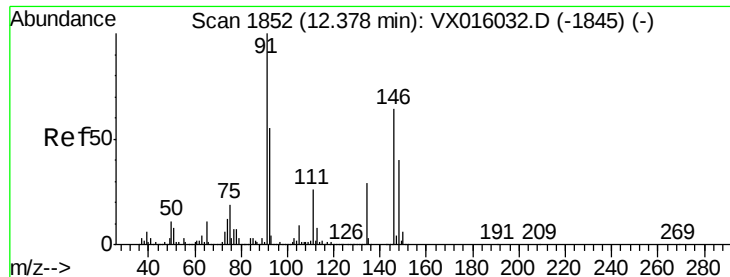
Delta R.T. -0.12 min

Lab File: VX016279.D

Acq: 15 May 2020 14:40

Tgt Ion:117	Resp:	1383
Ion Ratio	Lower	Upper
117	100	
201	0.0	39.8 119.3#





#91

1,2-Dichlorobenzene

Concen: 0.767 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016279.D

Acq: 15 May 2020 14:40

Instrument :

MSVOA_X

ClientSampled :

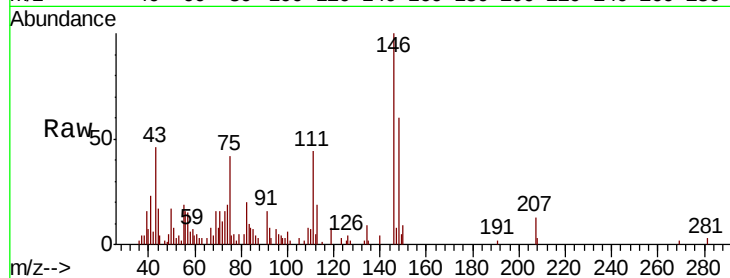
Tot Ion:146 Resp: 5151

Ion Ratio Lower Upper

146 100

111 49.6 21.1 63.1

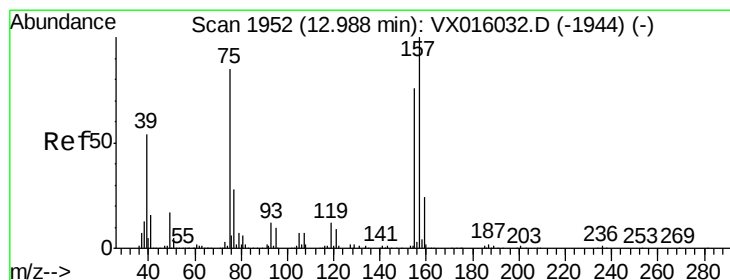
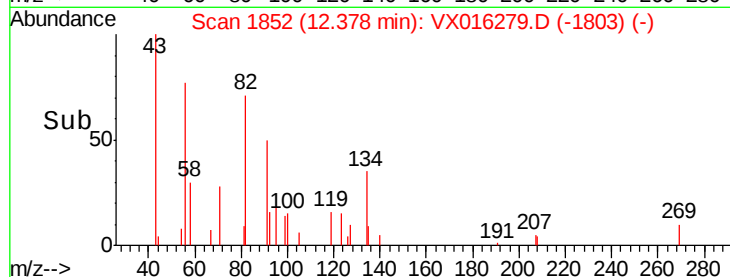
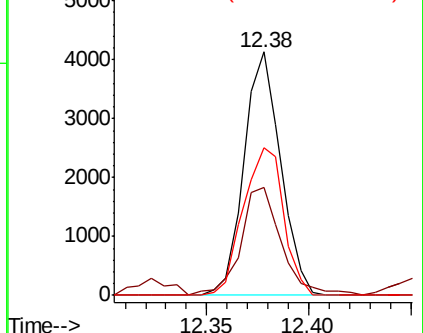
148 66.9 32.4 97.0



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: 0.414 ug/l

RT: 13.00 min Scan# 1954

Delta R.T. 0.01 min

Lab File: VX016279.D

Acq: 15 May 2020 14:40

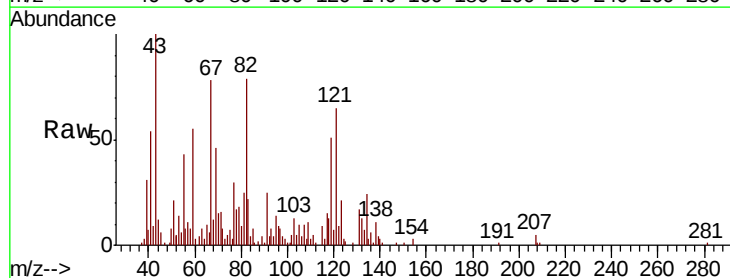
Tgt Ion: 75 Resp: 513

Ion Ratio Lower Upper

75 100

155 0.0 42.5 127.5#

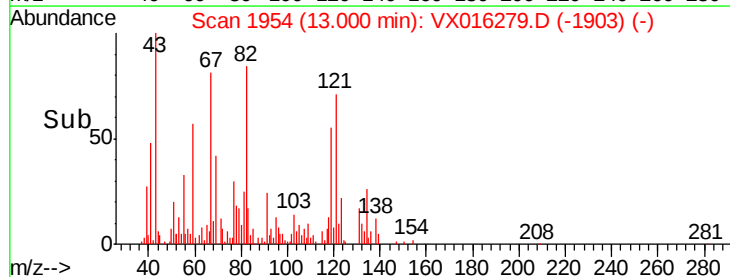
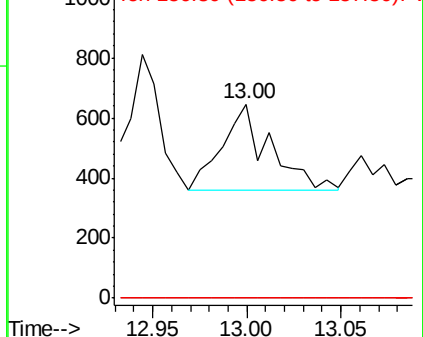
157 0.0 55.3 165.8#

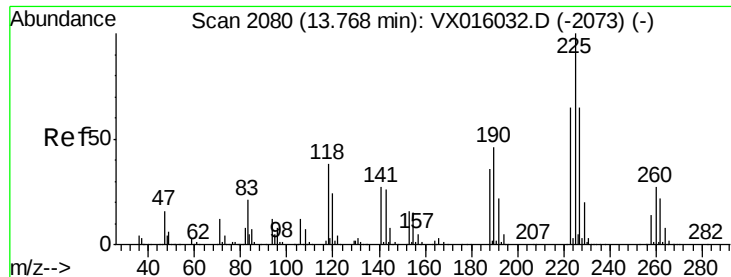


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#94

Hexachlorobutadiene

Concen: 0.534 ug/l

RT: 13.76 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX016279.D

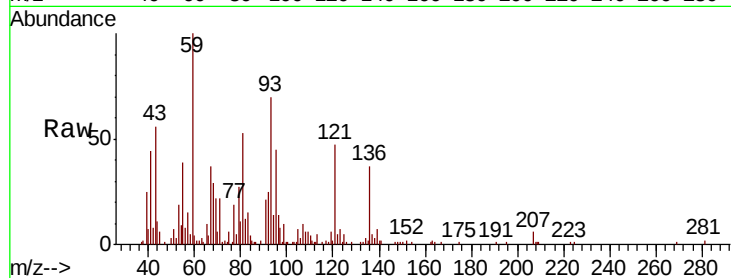
Acq: 15 May 2020 14:40

Instrument :

MSVOA_X

ClientSampleId :

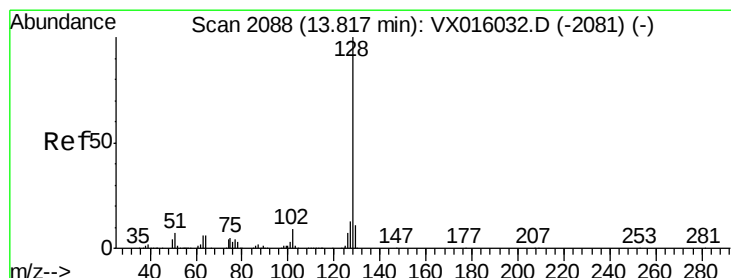
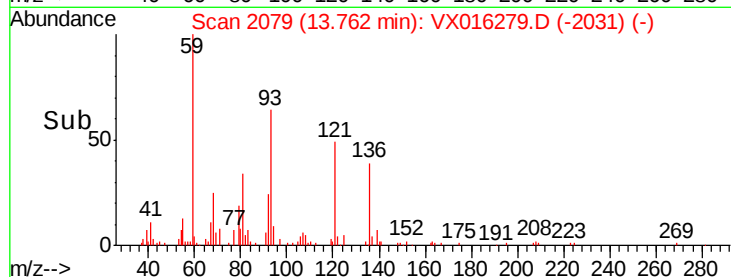
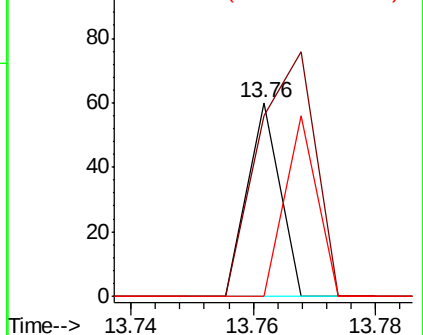
Tot Ion:	225	Resp:	22
Ion	Ratio	Lower	Upper
225	100		
223	218.2	32.3	96.9#
227	90.9	31.8	95.4



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 30.091 ug/l

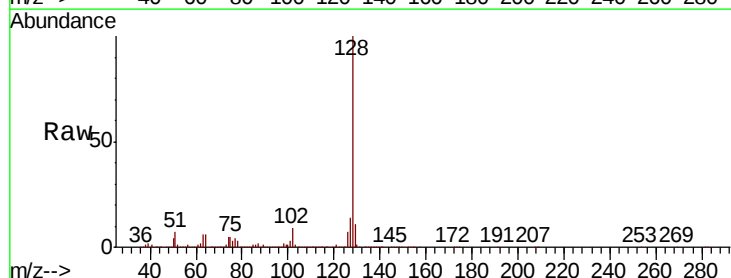
RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016279.D

Acq: 15 May 2020 14:40

Tgt Ion:	128	Resp:	484611
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.4
129	10.8	8.7	13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

