

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022522\
 Data File : VX027211.D
 Acq On : 26 Feb 2022 00:41
 Operator : JC/MD
 Sample : N1663-01ME
 Misc : 5.01g/10.0mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CL-02-022422ME

Quant Time: Feb 26 02:48:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 23 13:06:57 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

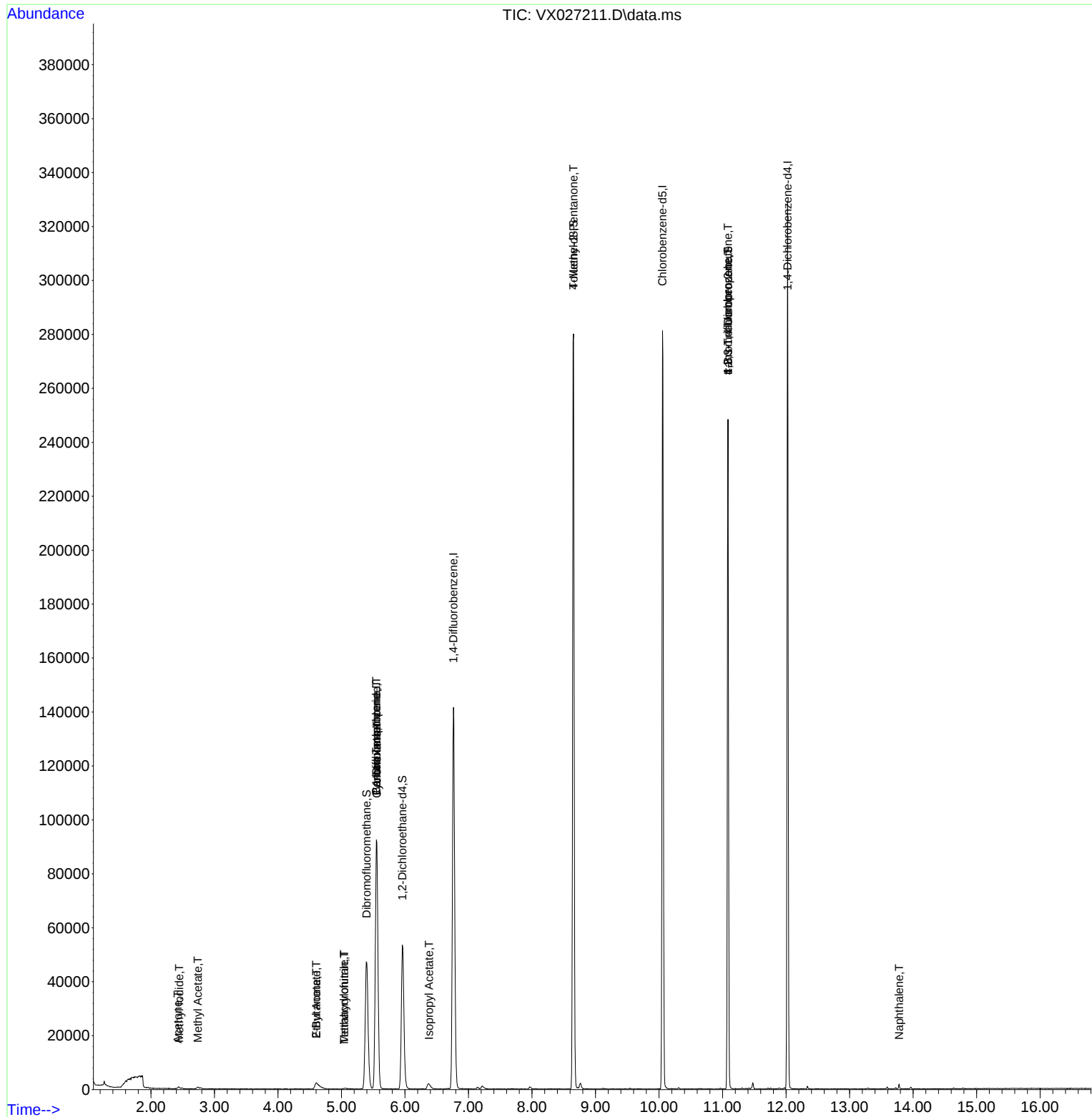
Internal Standards						
1) Pentafluorobenzene	5.550	168	92917	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	155702	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	139023	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67632	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	55063	49.342	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.680%		
35) Dibromofluoromethane	5.397	113	46146	47.747	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.500%		
50) Toluene-d8	8.653	98	177660	49.162	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.320%		
62) 4-Bromofluorobenzene	11.085	95	68174	49.147	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.300%		
Target Compounds			Qvalue			
5) Bromomethane	1.599	94	215	Below Cal		94
10) Methyl Iodide	2.447	142	597	0.477 ug/l #		84
16) Acetone	2.422	43	705	1.439 ug/l #		46
18) Methyl Acetate	2.739	43	1616	1.278 ug/l #		77
25) 2-Butanone	4.605	43	7997	10.249 ug/l		98
29) Tetrahydrofuran	5.044	42	178	0.341 ug/l #		42
31) Cyclohexane	5.556	56	1765	1.056 ug/l #		1
36) 1,1-Dichloropropene	5.550	75	6685	4.739 ug/l #		50
37) Ethyl Acetate	4.605	43	7997	5.164 ug/l #		69
38) Carbon Tetrachloride	5.550	117	9316	6.333 ug/l #		17
41) Methacrylonitrile	5.044	41	204	0.240 ug/l #		25
43) Isopropyl Acetate	6.379	43	1488	0.625 ug/l #		62
51) 4-Methyl-2-Pentanone	8.653	43	740	0.478 ug/l #		1
76) 1,2,3-Trichloropropane	11.085	75	32663	23.977 ug/l #		40
81) trans-1,4-Dichloro-2-b...	11.085	75	32663	68.111 ug/l #		3
95) Naphthalene	13.780	128	1230	0.259 ug/l #		89

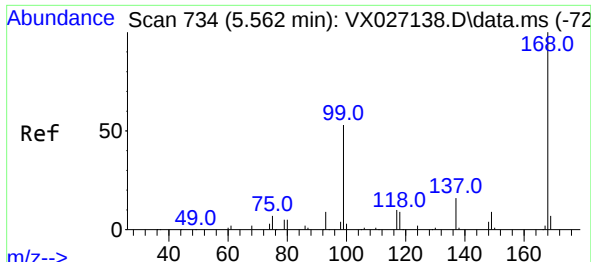
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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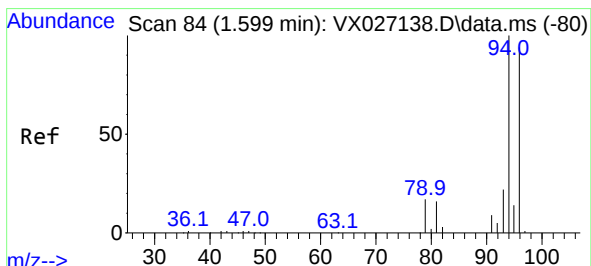
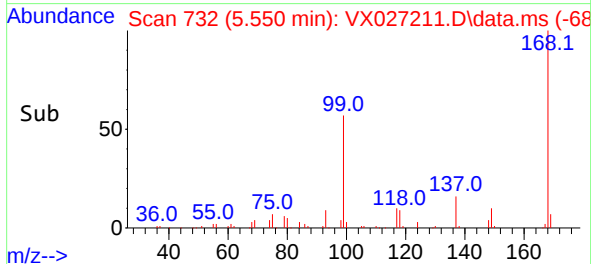
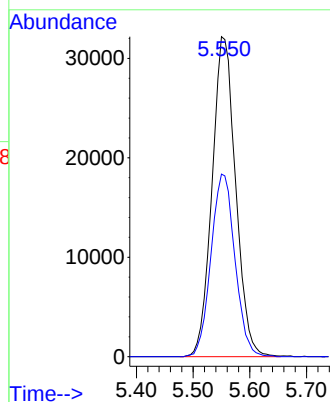
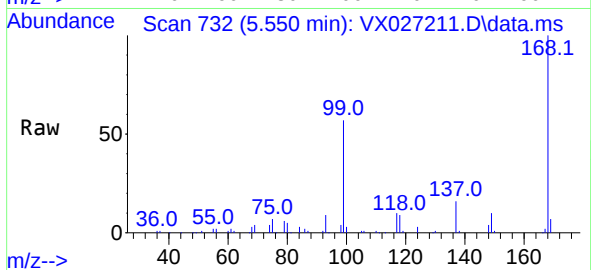




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.012 min
Lab File: VX027211.D
Acq: 26 Feb 2022 00:41

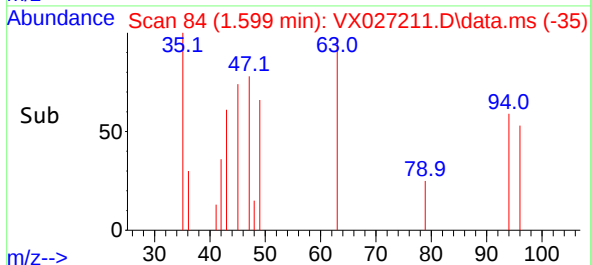
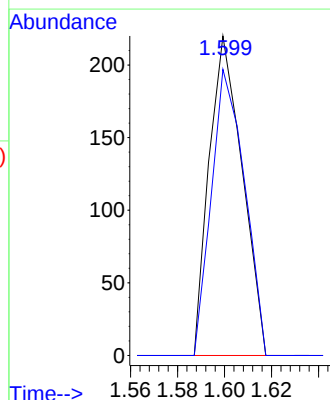
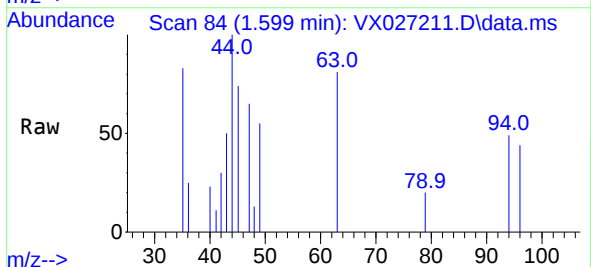
Instrument :
MSVOA_X
ClientSampleId :
CL-02-022422ME

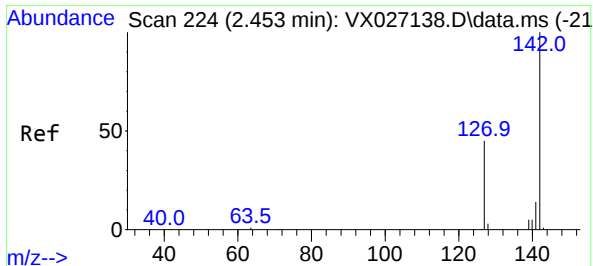
Tgt Ion:168 Resp: 92917
Ion Ratio Lower Upper
168 100
99 57.1 50.3 75.5



#5
Bromomethane
Concen: Below Cal
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX027211.D
Acq: 26 Feb 2022 00:41

Tgt Ion: 94 Resp: 215
Ion Ratio Lower Upper
94 100
96 89.5 75.9 113.9

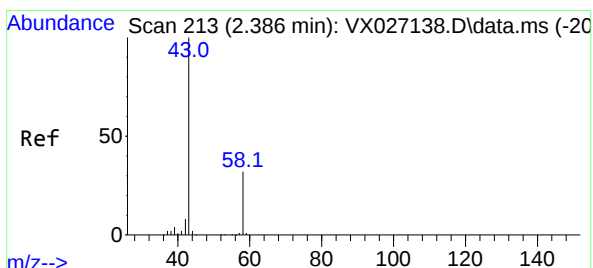
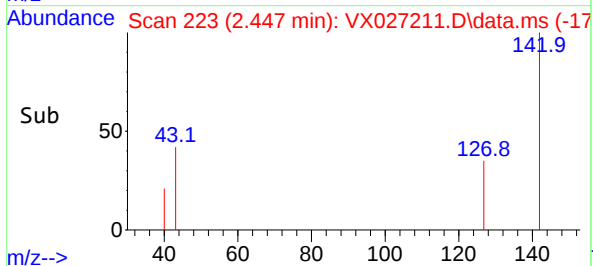
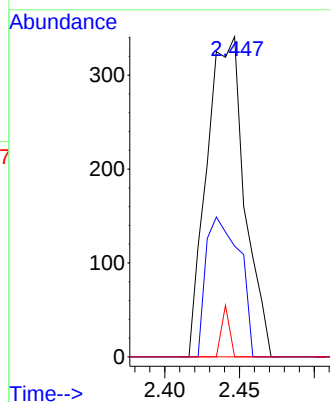
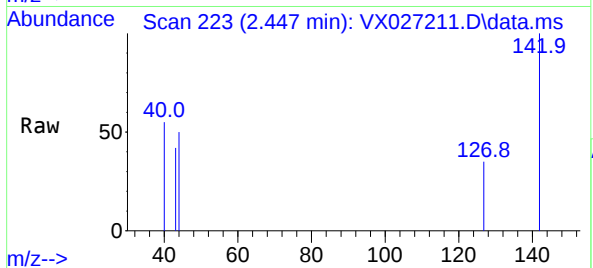




#10
Methyl Iodide
Concen: 0.477 ug/l
RT: 2.447 min Scan# 219
Delta R.T. -0.006 min
Lab File: VX027211.D
Acq: 26 Feb 2022 00:41

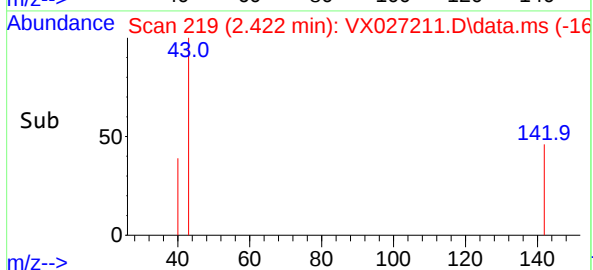
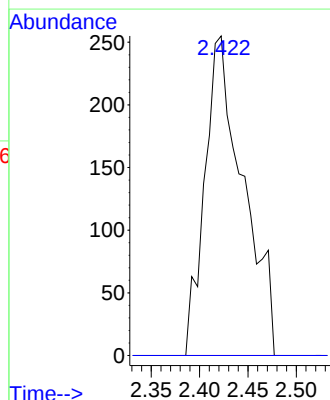
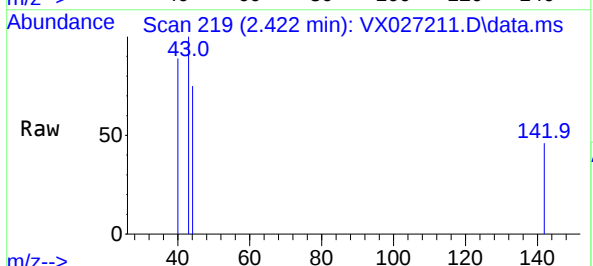
Instrument :
MSVOA_X
ClientSampleId :
CL-02-022422ME

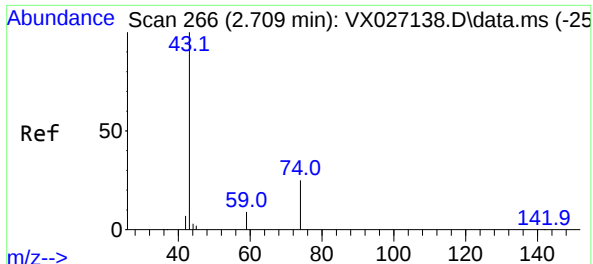
Tgt Ion:142 Resp: 597
Ion Ratio Lower Upper
142 100
127 38.9 38.1 57.1
141 3.4 11.2 16.8#



#16
Acetone
Concen: 1.439 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.036 min
Lab File: VX027211.D
Acq: 26 Feb 2022 00:41

Tgt Ion: 43 Resp: 705
Ion Ratio Lower Upper
43 100
58 0.0 23.0 34.6#

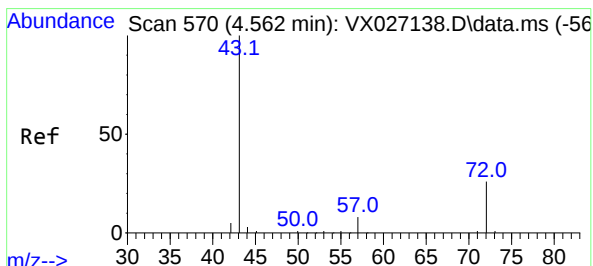
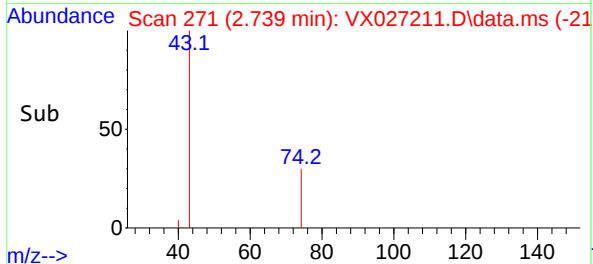
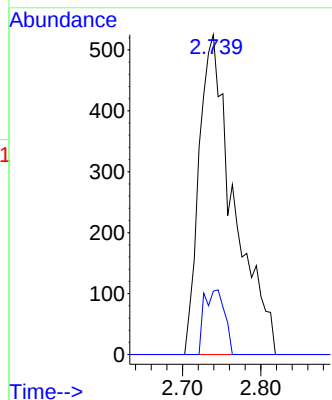
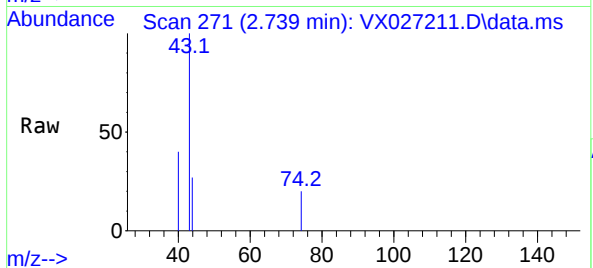




#18
Methyl Acetate
Concen: 1.278 ug/l
RT: 2.739 min Scan# 21
Delta R.T. 0.030 min
Lab File: VX027211.D
Acq: 26 Feb 2022 00:41

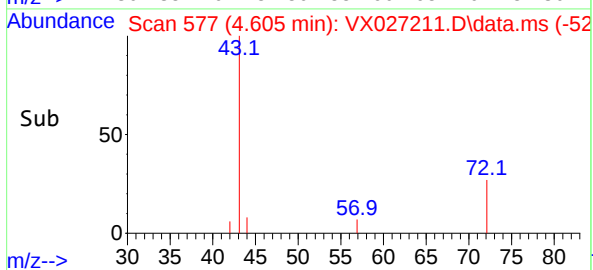
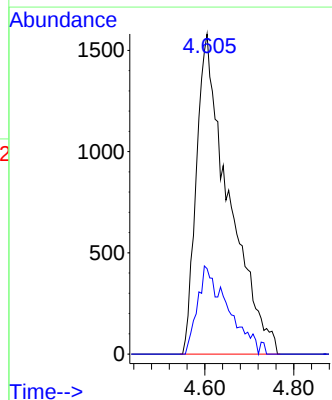
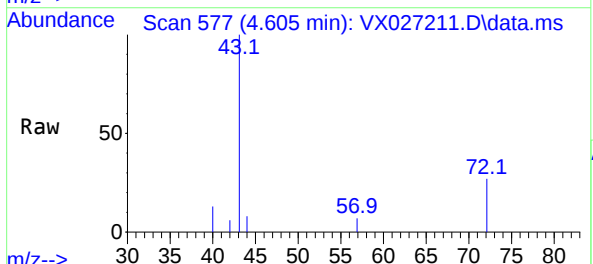
Instrument :
MSVOA_X
ClientSampleId :
CL-02-022422ME

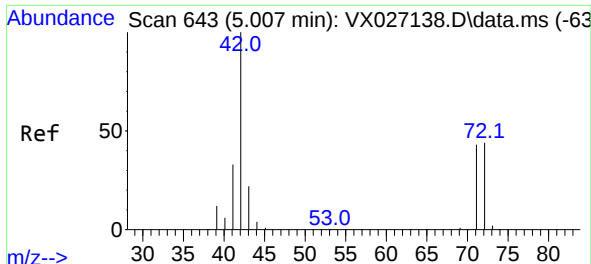
Tgt Ion: 43 Resp: 1616
Ion Ratio Lower Upper
43 100
74 11.8 18.3 27.5#



#25
2-Butanone
Concen: 10.249 ug/l
RT: 4.605 min Scan# 577
Delta R.T. 0.043 min
Lab File: VX027211.D
Acq: 26 Feb 2022 00:41

Tgt Ion: 43 Resp: 7997
Ion Ratio Lower Upper
43 100
72 26.7 20.4 30.6





#29

Tetrahydrofuran

Concen: 0.341 ug/l

RT: 5.044 min Scan# 64

Delta R.T. 0.037 min

Lab File: VX027211.D

Acq: 26 Feb 2022 00:41

Instrument :

MSVOA_X

ClientSampleId :

CL-02-022422ME

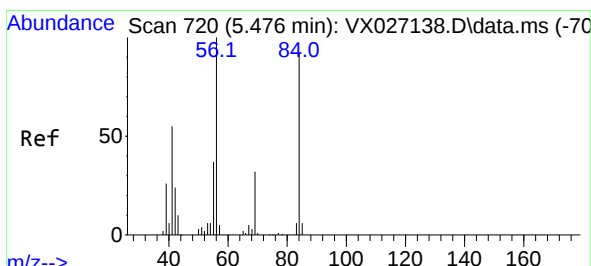
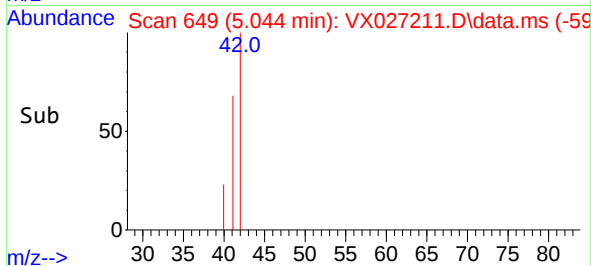
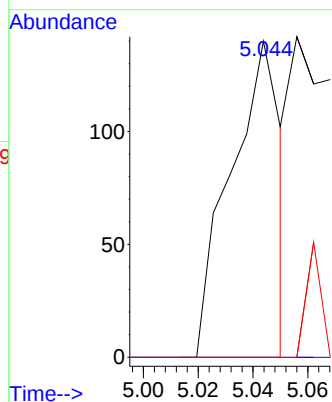
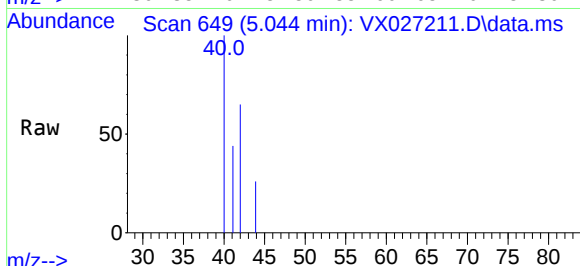
Tgt Ion: 42 Resp: 178

Ion Ratio Lower Upper

42 100

72 0.0 34.6 52.0#

71 10.7 31.8 47.8#



#31

Cyclohexane

Concen: 1.056 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.080 min

Lab File: VX027211.D

Acq: 26 Feb 2022 00:41

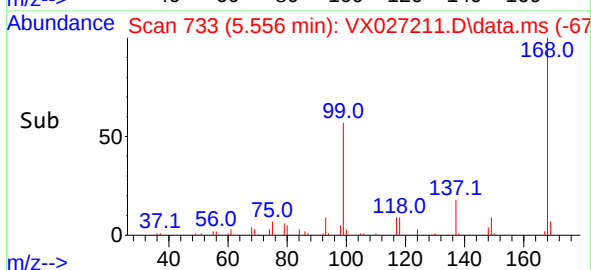
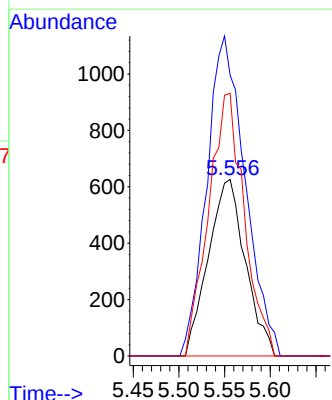
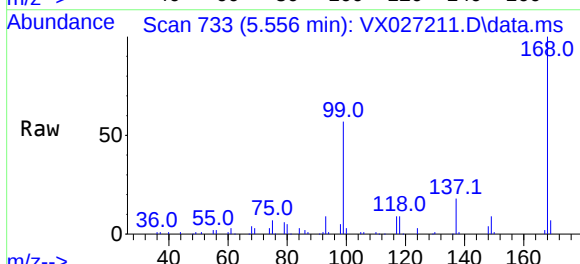
Tgt Ion: 56 Resp: 1765

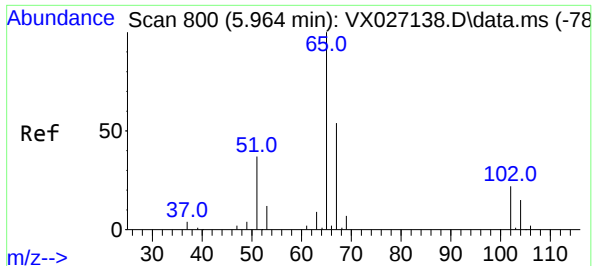
Ion Ratio Lower Upper

56 100

69 159.1 25.8 38.6#

84 148.9 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 49.342 ug/l

RT: 5.958 min Scan# 79

Delta R.T. -0.006 min

Lab File: VX027211.D

Acq: 26 Feb 2022 00:41

Instrument :

MSVOA_X

ClientSampleId :

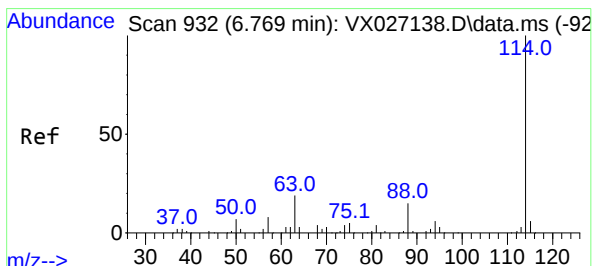
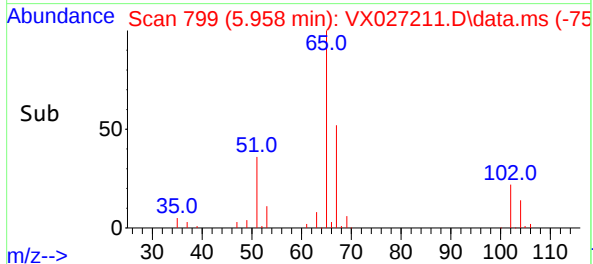
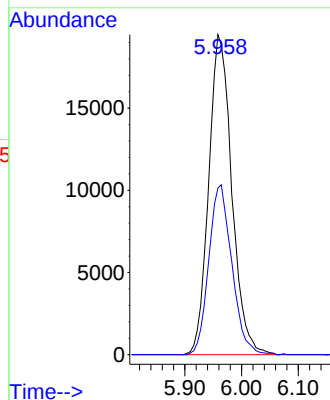
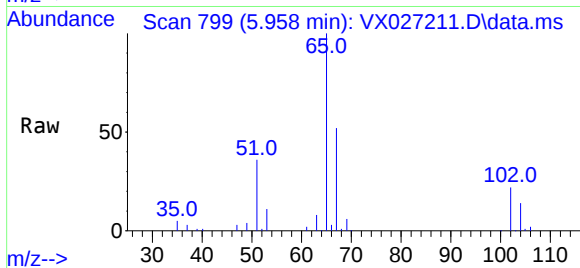
CL-02-022422ME

Tgt Ion: 65 Resp: 55063

Ion Ratio Lower Upper

65 100

67 53.1 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX027211.D

Acq: 26 Feb 2022 00:41

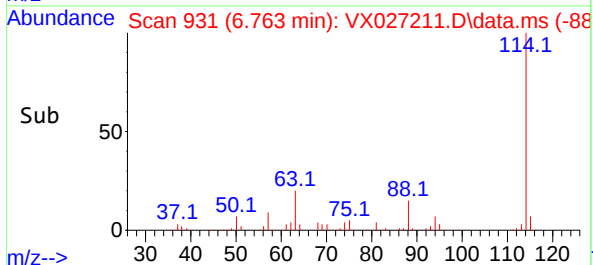
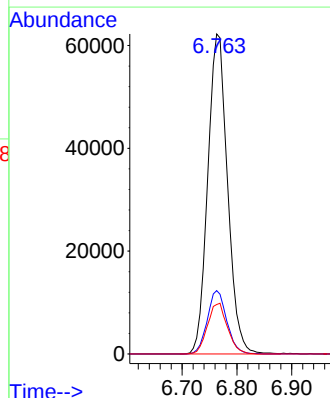
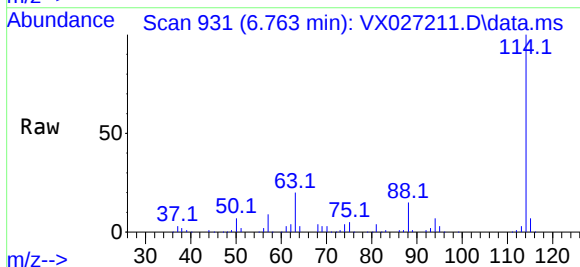
Tgt Ion: 114 Resp: 155702

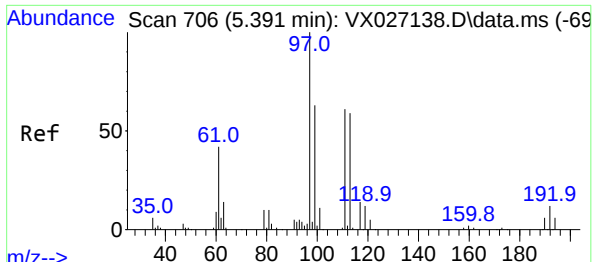
Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.8

88 15.4 0.0 33.0

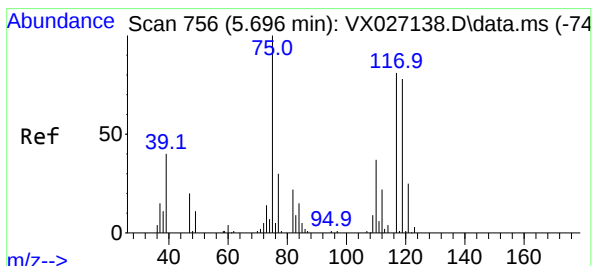
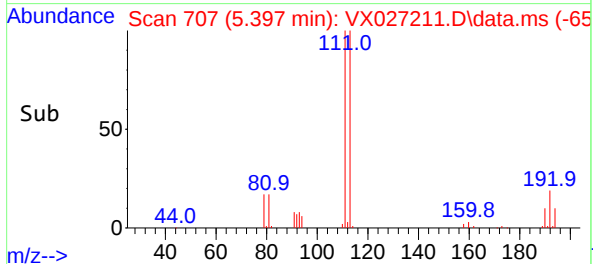
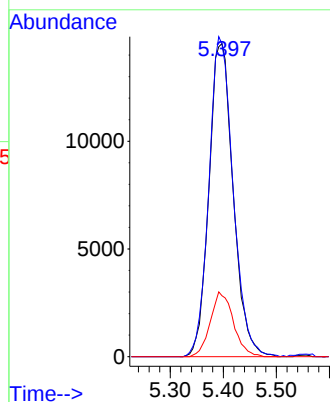
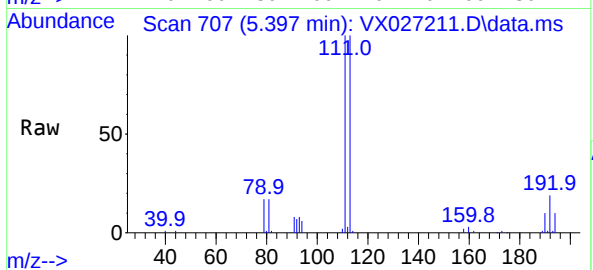




#35
Dibromofluoromethane
Concen: 47.747 ug/l
RT: 5.397 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX027211.D
Acq: 26 Feb 2022 00:41

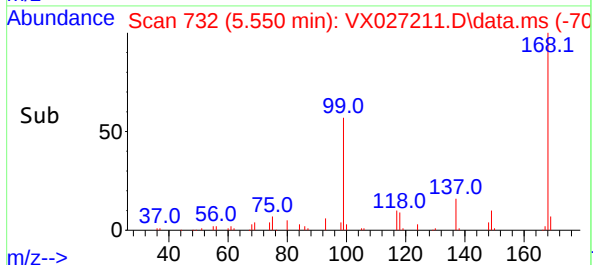
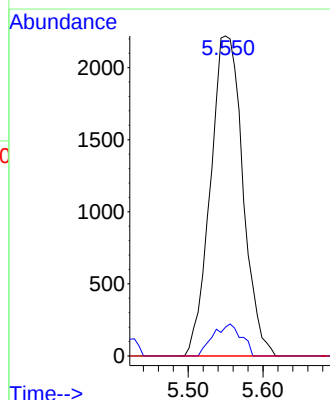
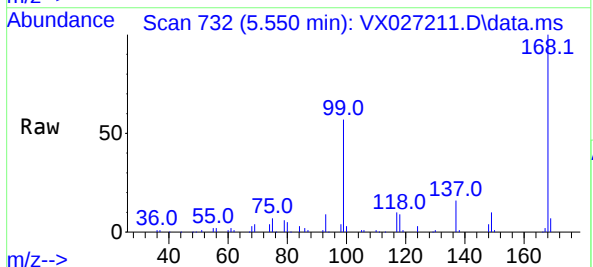
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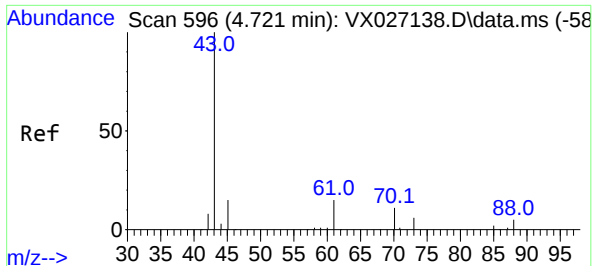
Tgt Ion:113 Resp: 46146
Ion Ratio Lower Upper
113 100
111 101.8 81.2 121.8
192 19.7 15.0 22.4



#36
1,1-Dichloropropene
Concen: 4.739 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX027211.D
Acq: 26 Feb 2022 00:41

Tgt Ion: 75 Resp: 6685
Ion Ratio Lower Upper
75 100
110 8.7 17.2 51.6#
77 0.0 24.6 36.8#





#37

Ethyl Acetate

Concen: 5.164 ug/l

RT: 4.605 min Scan# 51

Delta R.T. -0.116 min

Lab File: VX027211.D

Acq: 26 Feb 2022 00:41

Instrument :

MSVOA_X

ClientSampleId :

CL-02-022422ME

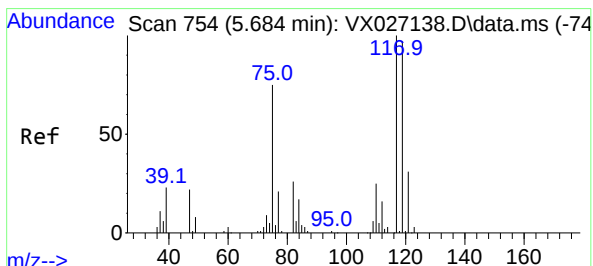
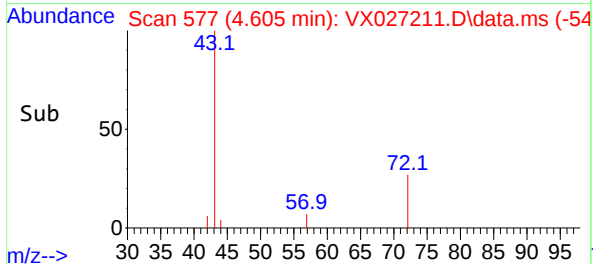
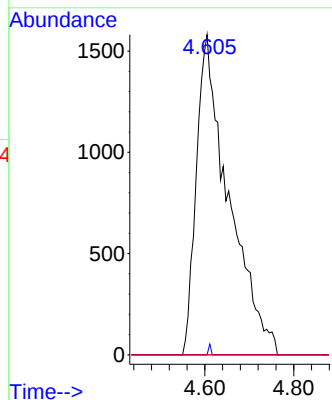
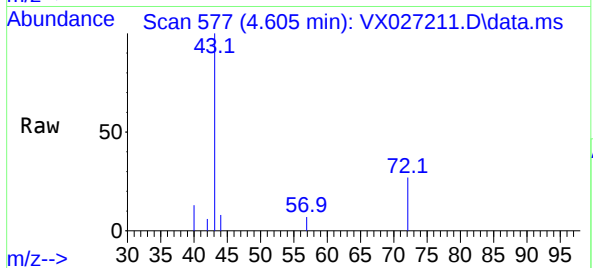
Tgt Ion: 43 Resp: 7997

Ion Ratio Lower Upper

43 100

61 0.2 10.6 16.0#

70 0.0 8.5 12.7#



#38

Carbon Tetrachloride

Concen: 6.333 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.134 min

Lab File: VX027211.D

Acq: 26 Feb 2022 00:41

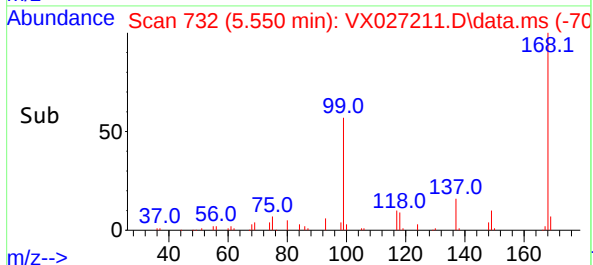
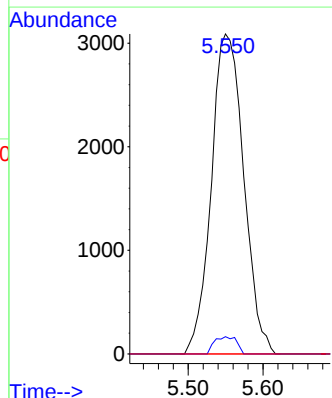
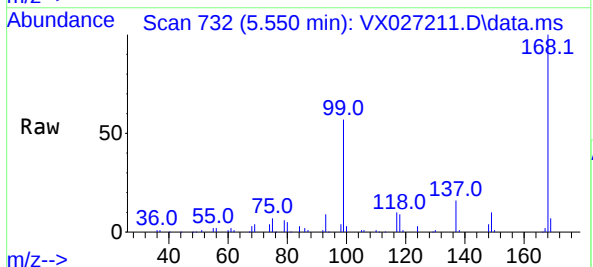
Tgt Ion: 117 Resp: 9316

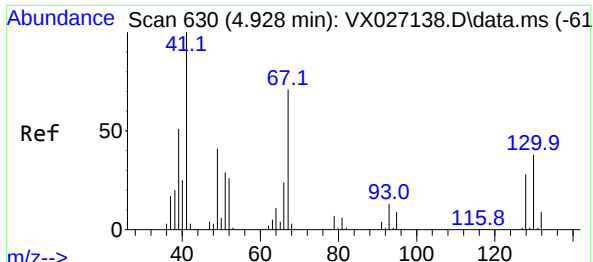
Ion Ratio Lower Upper

117 100

119 5.4 74.7 112.1#

121 0.0 25.4 38.0#

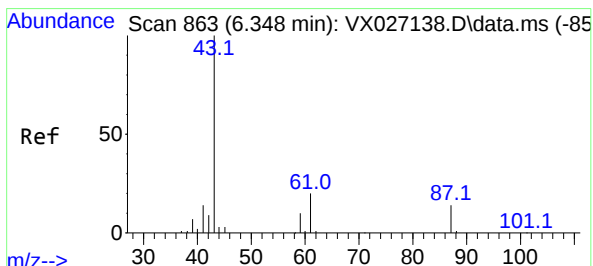
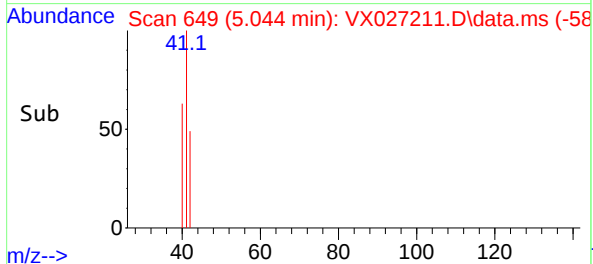
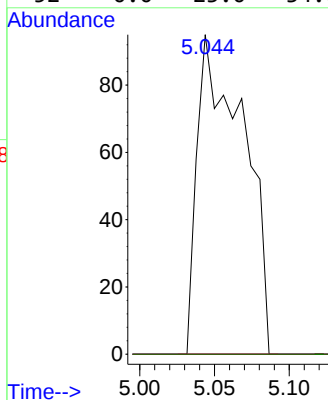
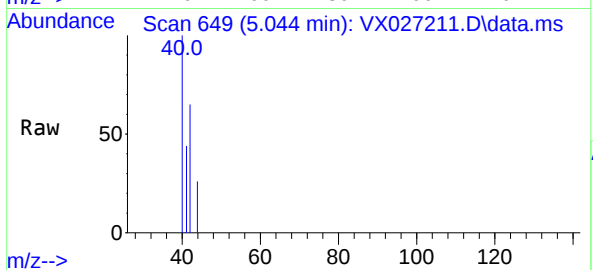




#41
Methacrylonitrile
Concen: 0.240 ug/l
RT: 5.044 min Scan# 641
Delta R.T. 0.116 min
Lab File: VX027211.D
Acq: 26 Feb 2022 00:41

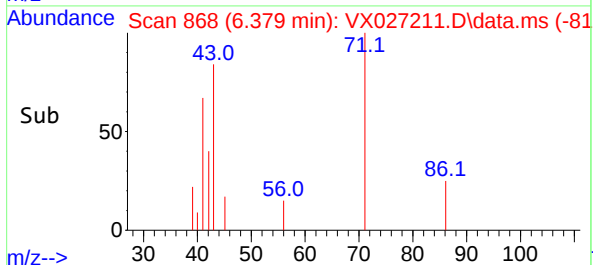
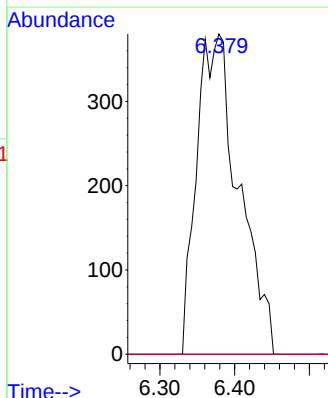
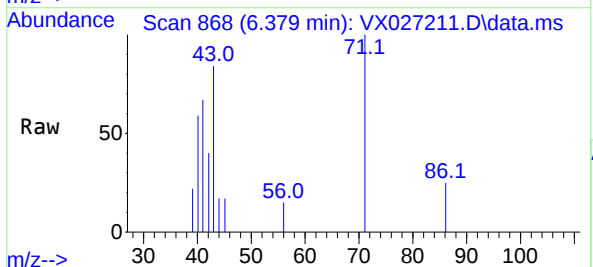
Instrument :
MSVOA_X
ClientSampleId :
CL-02-022422ME

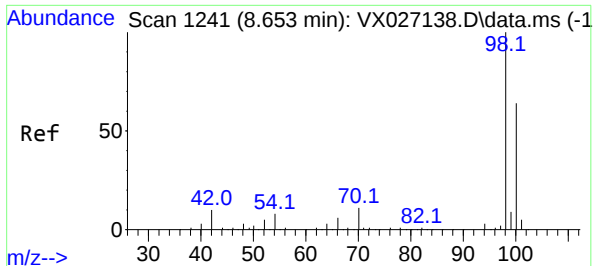
Tgt Ion:	41	Resp:	204
Ion	Ratio	Lower	Upper
41	100		
39	0.0	45.4	68.0#
67	0.0	53.2	79.8#
52	0.0	23.0	34.6#



#43
Isopropyl Acetate
Concen: 0.625 ug/l
RT: 6.379 min Scan# 868
Delta R.T. 0.031 min
Lab File: VX027211.D
Acq: 26 Feb 2022 00:41

Tgt Ion:	43	Resp:	1488
Ion	Ratio	Lower	Upper
43	100		
61	0.0	15.4	23.0#
87	0.0	10.2	15.2#

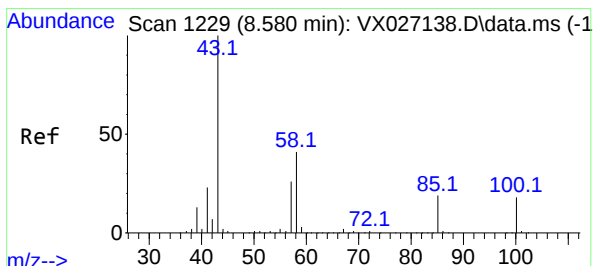
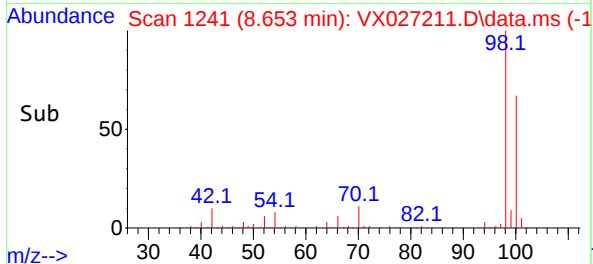
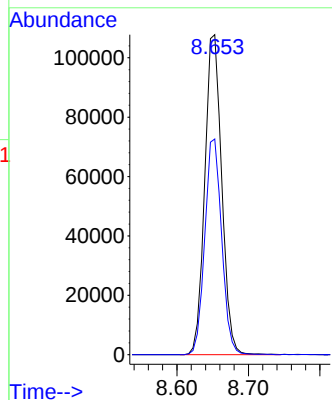
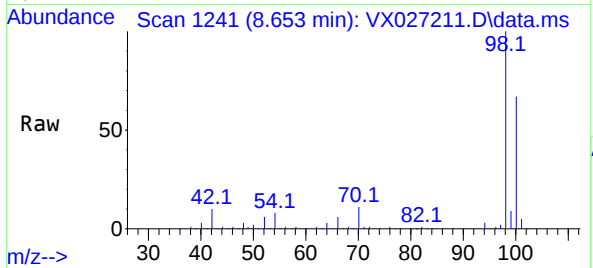




#50
Toluene-d8
Concen: 49.162 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027211.D
Acq: 26 Feb 2022 00:41

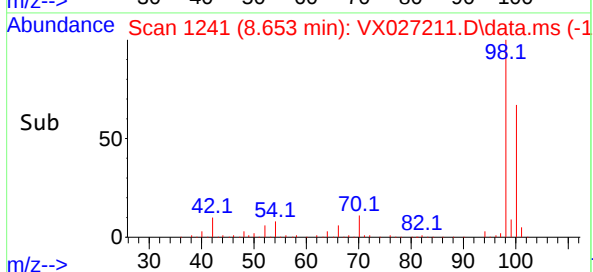
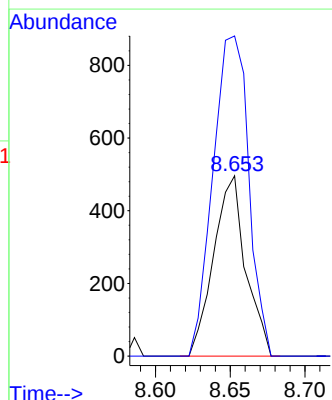
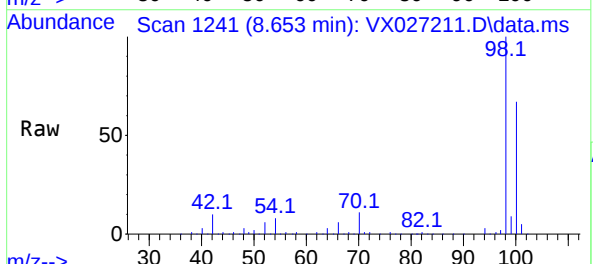
Instrument :
MSVOA_X
ClientSampleId :
CL-02-022422ME

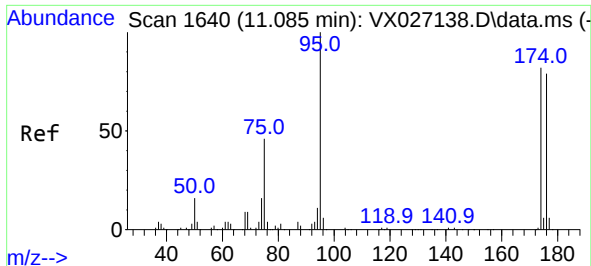
Tgt Ion: 98 Resp: 177660
Ion Ratio Lower Upper
98 100
100 67.1 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 0.478 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX027211.D
Acq: 26 Feb 2022 00:41

Tgt Ion: 43 Resp: 740
Ion Ratio Lower Upper
43 100
58 198.0 30.5 45.7#

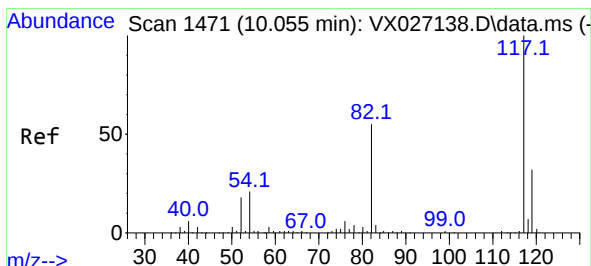
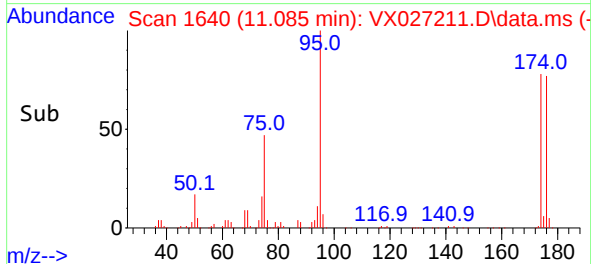
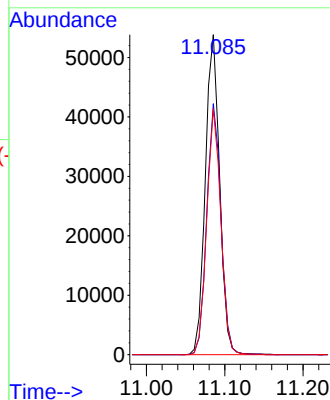
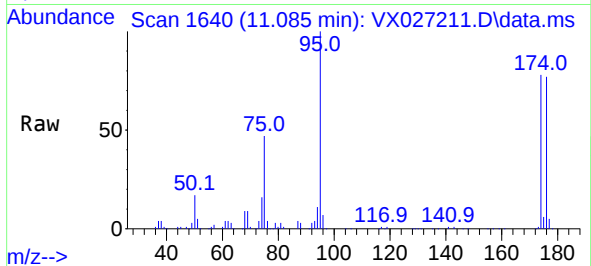




#62
4-Bromofluorobenzene
Concen: 49.147 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX027211.D
Acq: 26 Feb 2022 00:41

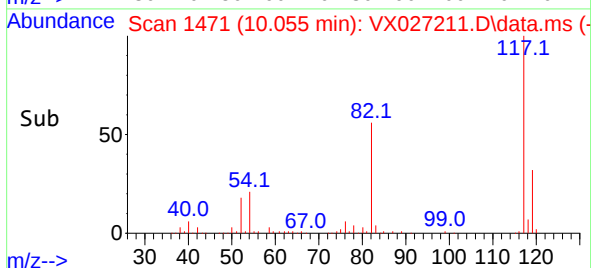
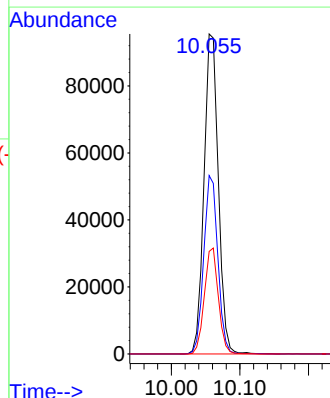
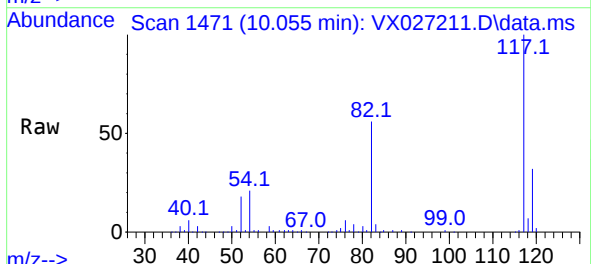
Instrument :
MSVOA_X
ClientSampleId :
CL-02-022422ME

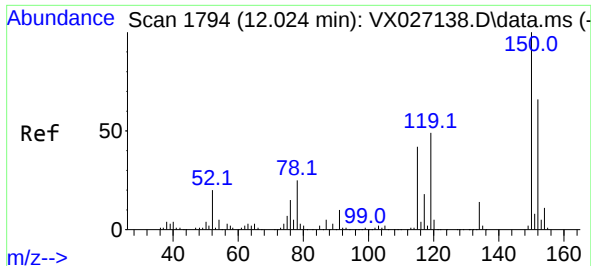
Tgt Ion: 95 Resp: 68174
Ion Ratio Lower Upper
95 100
174 77.9 0.0 148.6
176 75.7 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027211.D
Acq: 26 Feb 2022 00:41

Tgt Ion: 117 Resp: 139023
Ion Ratio Lower Upper
117 100
82 55.8 45.2 67.8
119 32.0 26.2 39.2

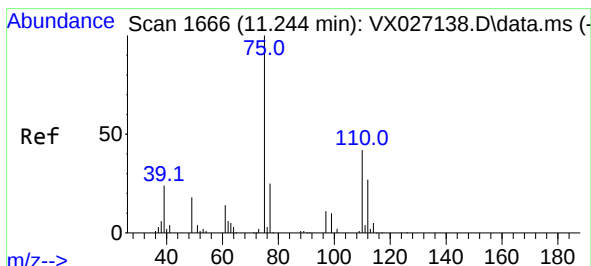
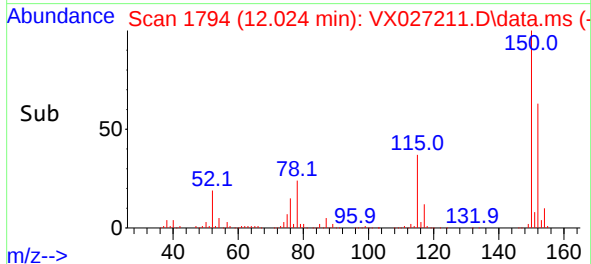
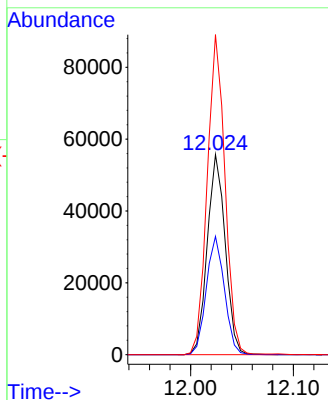
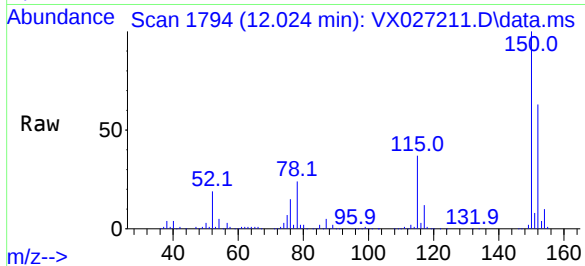




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027211.D
Acq: 26 Feb 2022 00:41

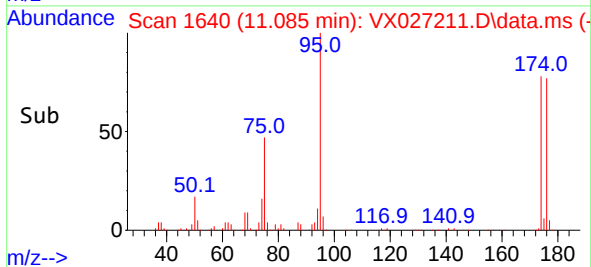
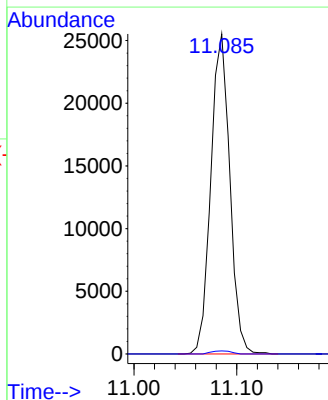
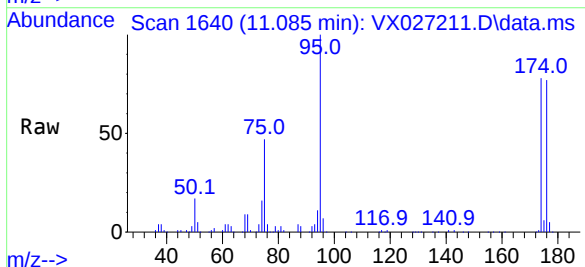
Instrument :
MSVOA_X
ClientSampleId :
CL-02-022422ME

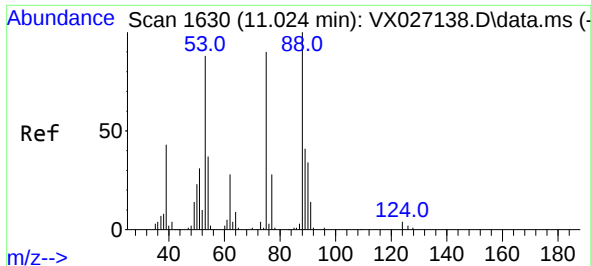
Tgt Ion:152 Resp: 67632
Ion Ratio Lower Upper
152 100
115 59.6 44.2 132.6
150 157.6 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 23.977 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX027211.D
Acq: 26 Feb 2022 00:41

Tgt Ion: 75 Resp: 32663
Ion Ratio Lower Upper
75 100
77 1.0 18.3 54.8#

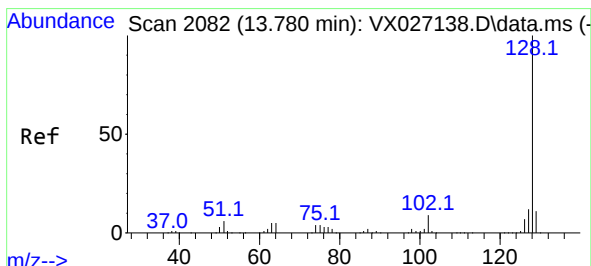
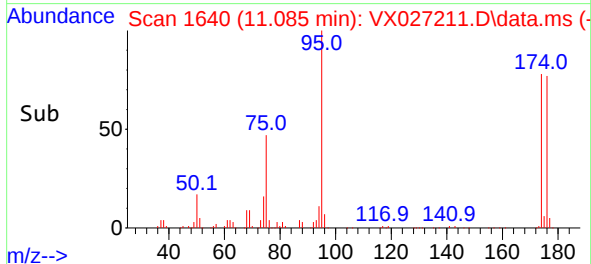
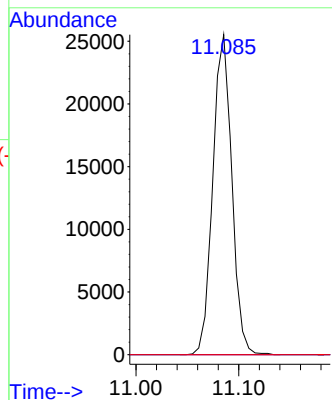
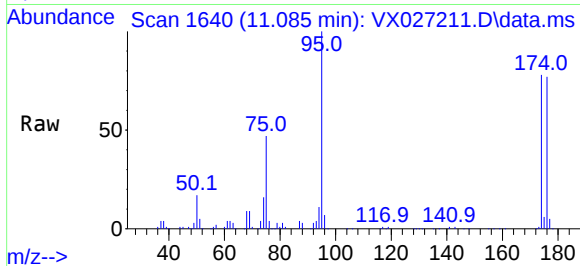




#81
trans-1,4-Dichloro-2-butene
Concen: 68.111 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX027211.D
Acq: 26 Feb 2022 00:41

Instrument :
MSVOA_X
ClientSampleId :
CL-02-022422ME

Tgt Ion: 75 Resp: 32663
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 0.259 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX027211.D
Acq: 26 Feb 2022 00:41

Tgt Ion:128 Resp: 1230
Ion Ratio Lower Upper
128 100
127 7.2 10.3 15.5#
129 8.6 8.7 13.1#

