

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022822\
 Data File : VX027233.D
 Acq On : 28 Feb 2022 20:20
 Operator : JC/MD
 Sample : N1688-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 01 00:46:40 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)

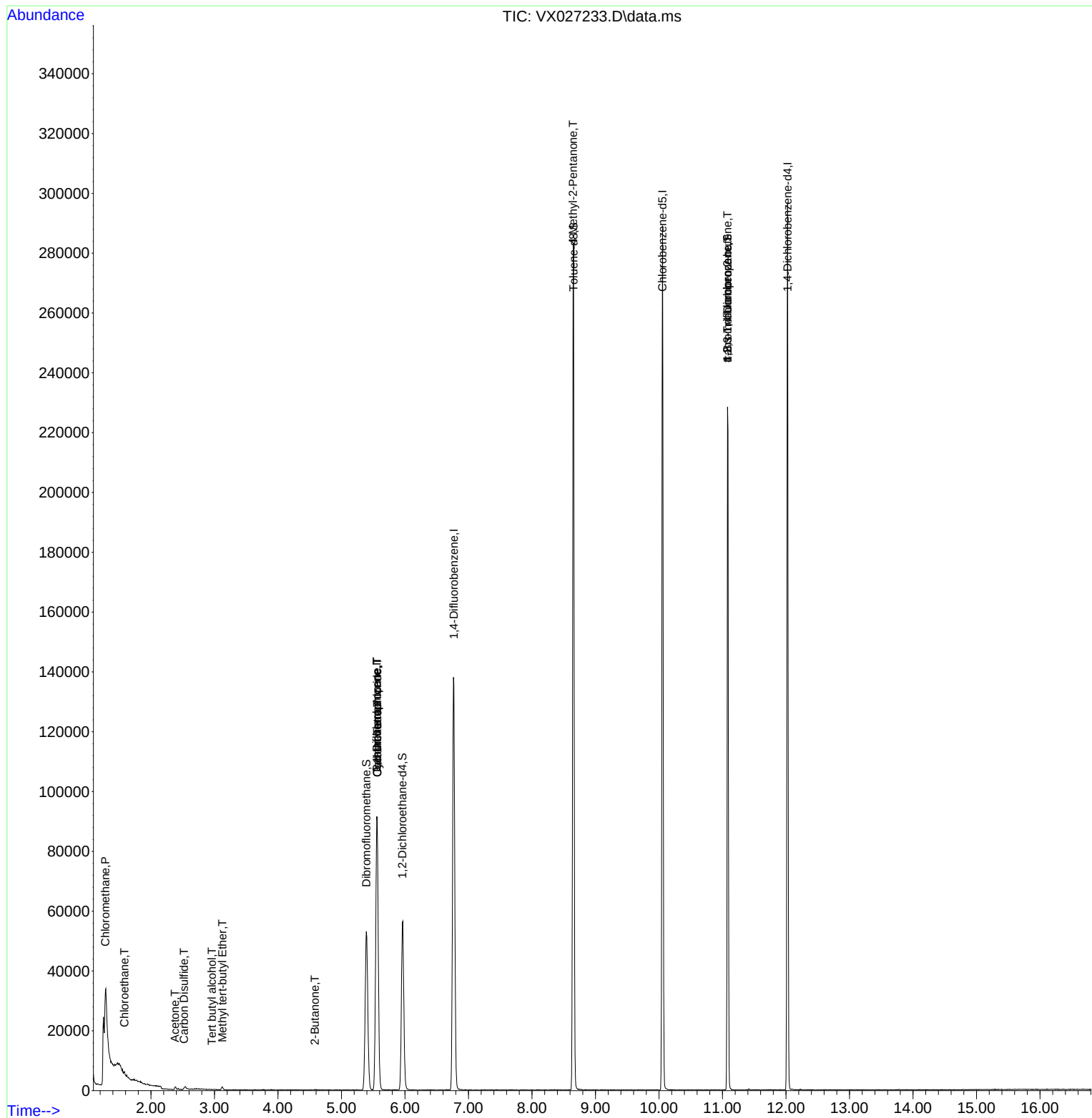
Internal Standards						
1) Pentafluorobenzene	5.556	168	88682	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	147501	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	134300	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	61656	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	54299	50.981	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.960%			
35) Dibromofluoromethane	5.391	113	46916	51.243	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.480%			
50) Toluene-d8	8.653	98	170710	49.866	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.740%			
62) 4-Bromofluorobenzene	11.079	95	62856	47.833	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.660%			
Target Compounds			Qvalue			
3) Chloromethane	1.282	50	954	1.158	ug/l #	42
5) Bromomethane	1.624	94	42	Below Cal		88
6) Chloroethane	1.581	64	4086	8.107	ug/l #	52
11) Tert butyl alcohol	2.959	59	47	0.227	ug/l #	75
16) Acetone	2.380	43	1048	2.241	ug/l #	89
17) Carbon Disulfide	2.520	76	762	0.339	ug/l #	74
19) Methyl tert-butyl Ether	3.123	73	1020	0.344	ug/l	93
25) 2-Butanone	4.581	43	200	0.269	ug/l #	50
31) Cyclohexane	5.562	56	1574	0.987	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	6364	4.763	ug/l #	51
38) Carbon Tetrachloride	5.562	117	8767	6.291	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	687	0.468	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	30248	24.356	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	30248	69.110	ug/l #	3

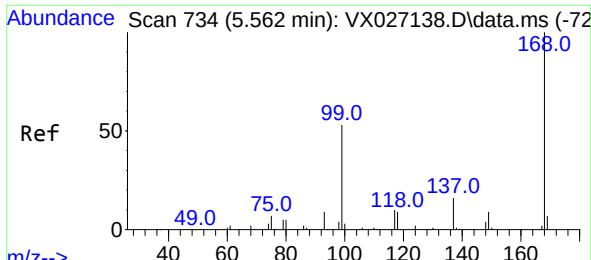
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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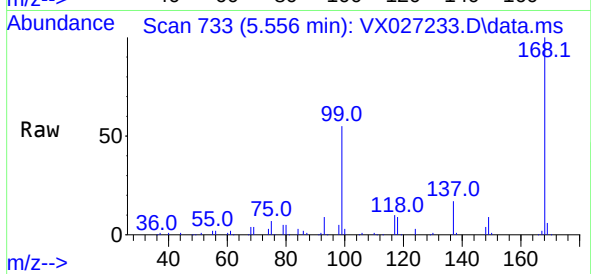
Quant Time: Mar 01 00:46:40 2022
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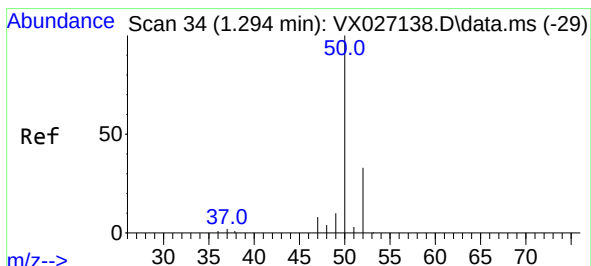
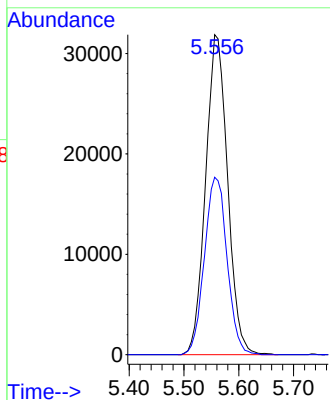
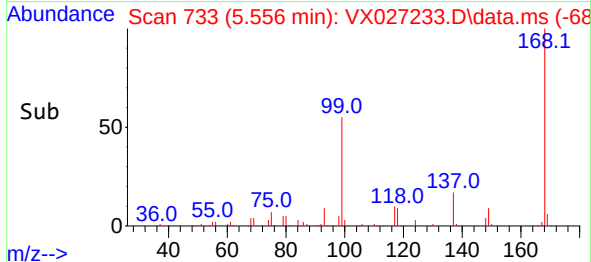


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX027233.D
Acq: 28 Feb 2022 20:20

Instrument :
MSVOA_X
ClientSampleId :

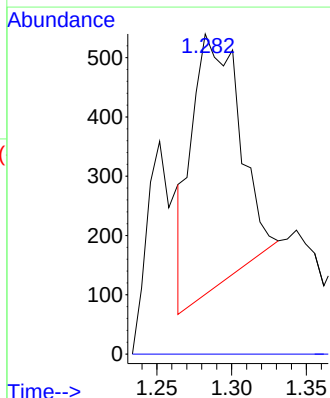
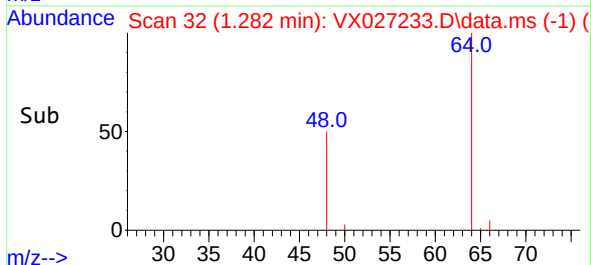
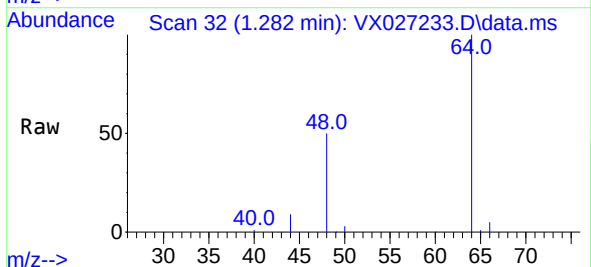


Tgt Ion:168 Resp: 88682
Ion Ratio Lower Upper
168 100
99 55.4 50.3 75.5

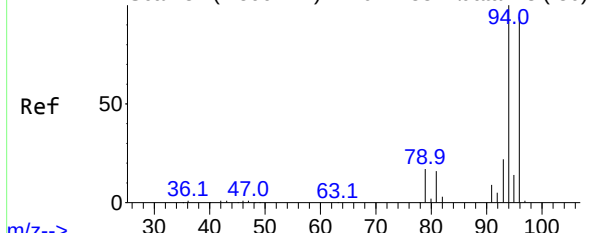


#3
Chloromethane
Concen: 1.158 ug/l
RT: 1.282 min Scan# 32
Delta R.T. -0.012 min
Lab File: VX027233.D
Acq: 28 Feb 2022 20:20

Tgt Ion: 50 Resp: 954
Ion Ratio Lower Upper
50 100
52 0.0 26.1 39.1#



Abundance Scan 84 (1.599 min): VX027138.D\data.ms (-80)



#5

Bromomethane

Concen: Below Cal

RT: 1.624 min Scan# 81

Delta R.T. 0.025 min

Lab File: VX027233.D

Acq: 28 Feb 2022 20:20

Instrument :

MSVOA_X

ClientSampleId :

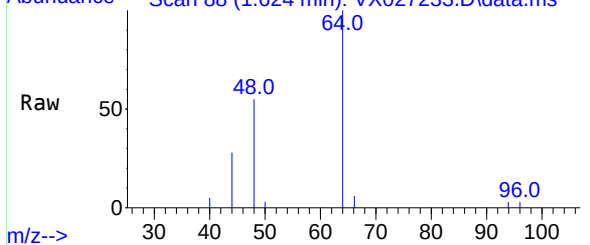
Tgt Ion: 94 Resp: 42

Ion Ratio Lower Upper

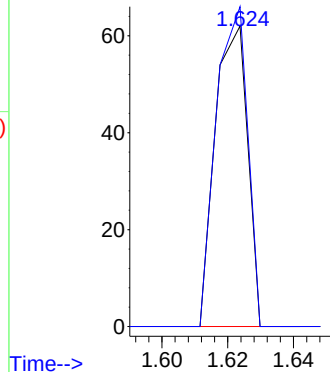
94 100

96 106.5 75.9 113.9

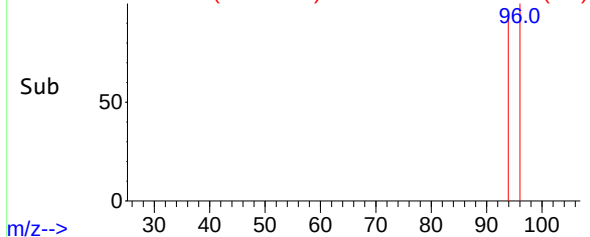
Abundance Scan 88 (1.624 min): VX027233.D\data.ms



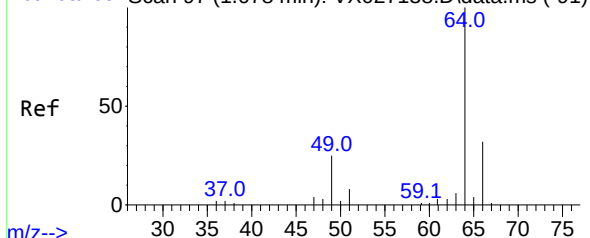
Abundance



Abundance Scan 88 (1.624 min): VX027233.D\data.ms (-35)



Abundance Scan 97 (1.678 min): VX027138.D\data.ms (-91)



#6

Chloroethane

Concen: 8.107 ug/l

RT: 1.581 min Scan# 81

Delta R.T. -0.097 min

Lab File: VX027233.D

Acq: 28 Feb 2022 20:20

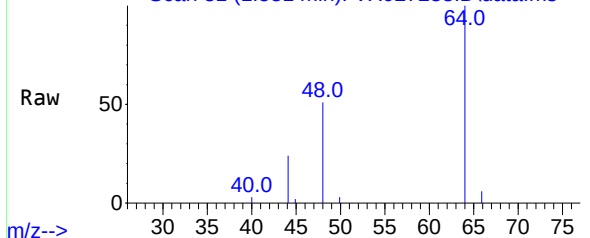
Tgt Ion: 64 Resp: 4086

Ion Ratio Lower Upper

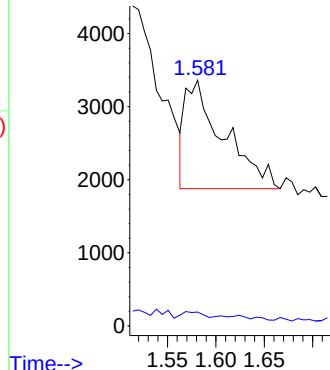
64 100

66 5.0 25.4 38.2#

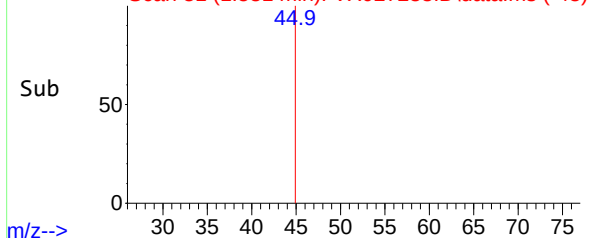
Abundance Scan 81 (1.581 min): VX027233.D\data.ms

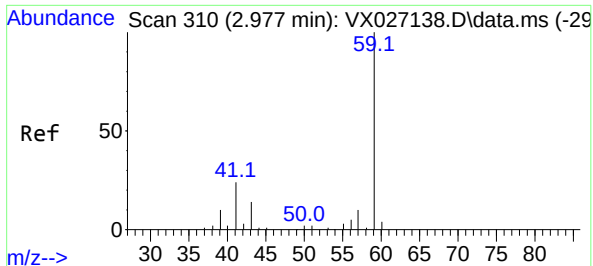


Abundance



Abundance Scan 81 (1.581 min): VX027233.D\data.ms (-48)





#11

Tert butyl alcohol

Concen: 0.227 ug/l

RT: 2.959 min Scan# 30

Delta R.T. -0.018 min

Lab File: VX027233.D

Acq: 28 Feb 2022 20:20

Instrument :

MSVOA_X

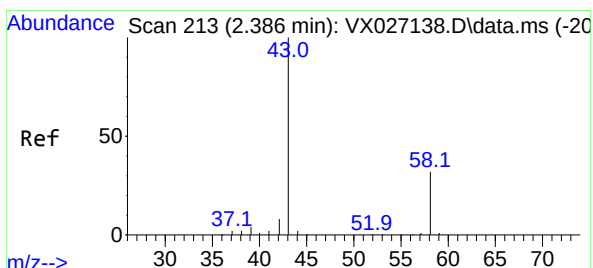
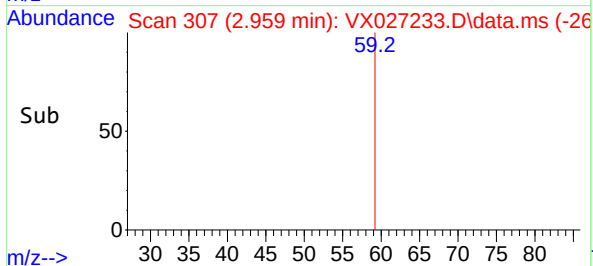
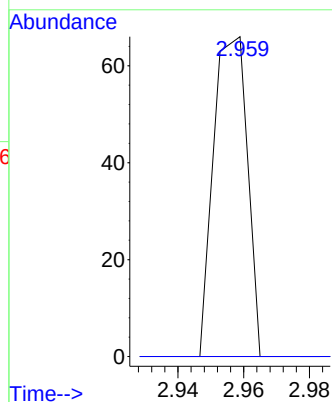
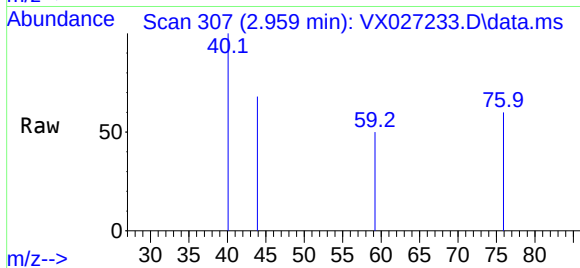
ClientSampleId :

Tgt Ion: 59 Resp: 47

Ion Ratio Lower Upper

59 100

57 0.0 7.2 10.8#



#16

Acetone

Concen: 2.241 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.006 min

Lab File: VX027233.D

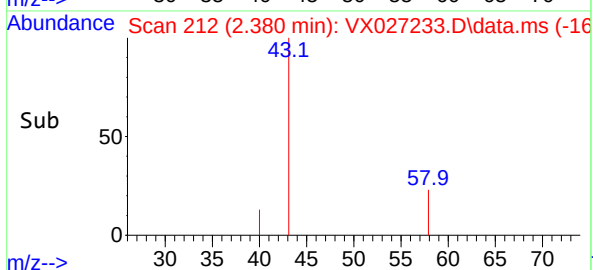
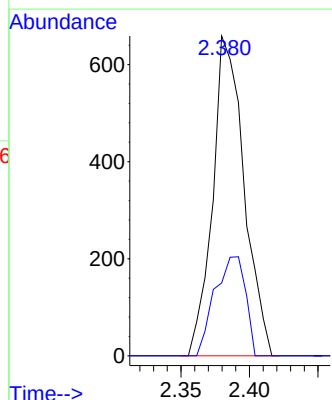
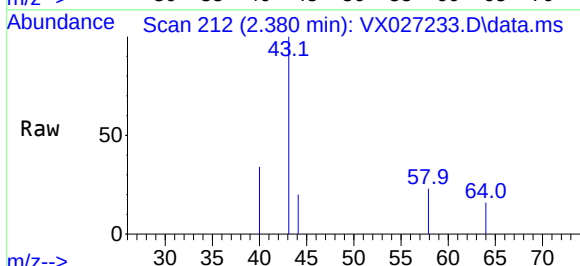
Acq: 28 Feb 2022 20:20

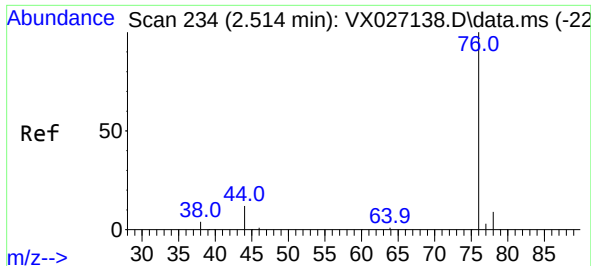
Tgt Ion: 43 Resp: 1048

Ion Ratio Lower Upper

43 100

58 22.8 23.0 34.6#

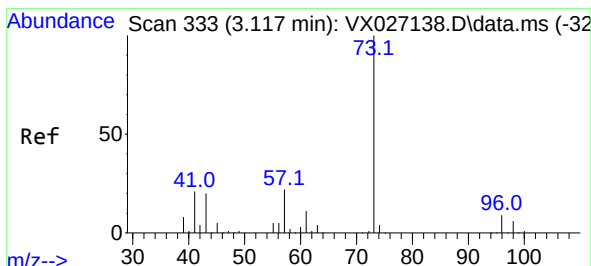
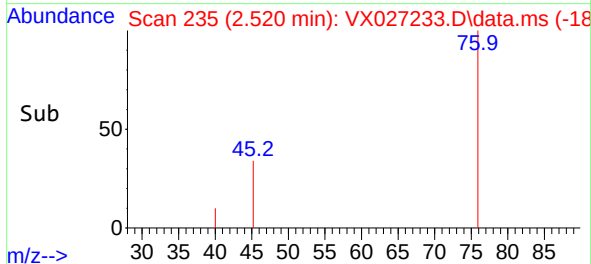
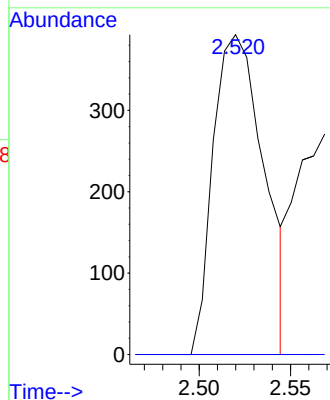
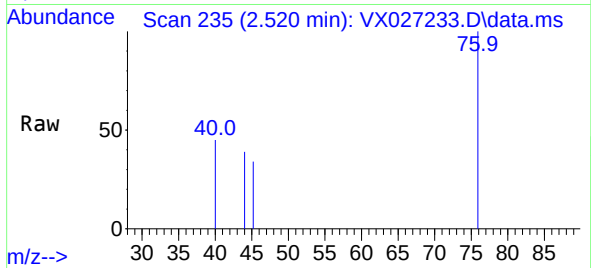




#17
Carbon Disulfide
Concen: 0.339 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027233.D
Acq: 28 Feb 2022 20:20

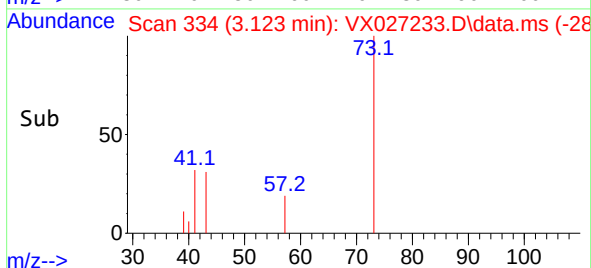
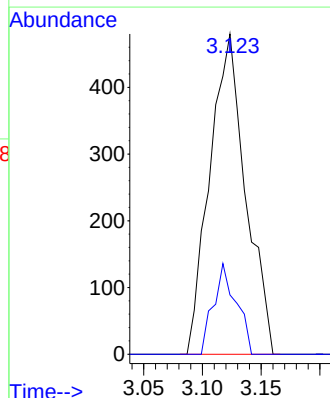
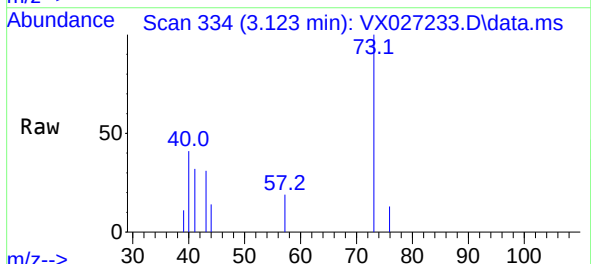
Instrument :
MSVOA_X
ClientSampleId :

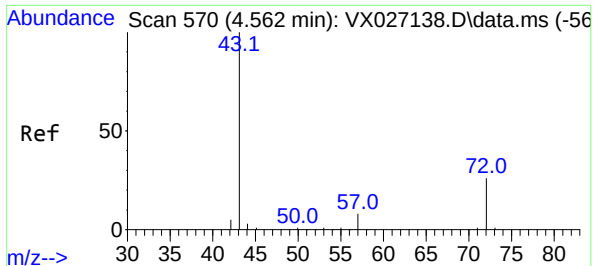
Tgt Ion: 76 Resp: 762
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#19
Methyl tert-butyl Ether
Concen: 0.344 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.006 min
Lab File: VX027233.D
Acq: 28 Feb 2022 20:20

Tgt Ion: 73 Resp: 1020
Ion Ratio Lower Upper
73 100
57 18.5 17.4 26.2





#25

2-Butanone

Concen: 0.269 ug/l

RT: 4.581 min Scan# 51

Delta R.T. 0.019 min

Lab File: VX027233.D

Acq: 28 Feb 2022 20:20

Instrument :

MSVOA_X

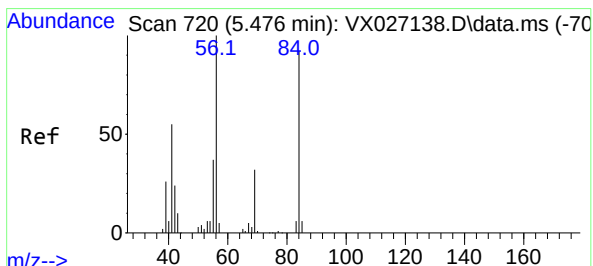
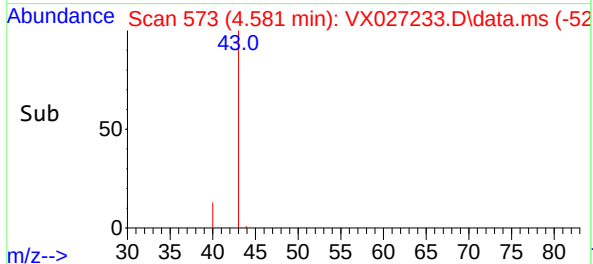
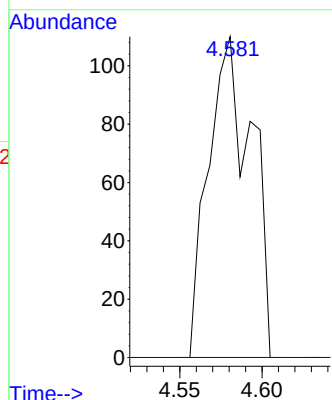
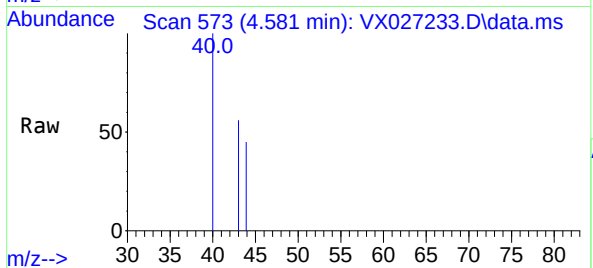
ClientSampleId :

Tgt Ion: 43 Resp: 200

Ion Ratio Lower Upper

43 100

72 0.0 20.4 30.6#



#31

Cyclohexane

Concen: 0.987 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.086 min

Lab File: VX027233.D

Acq: 28 Feb 2022 20:20

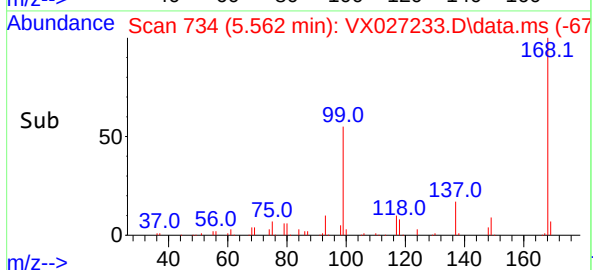
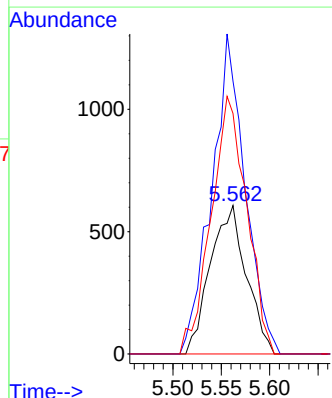
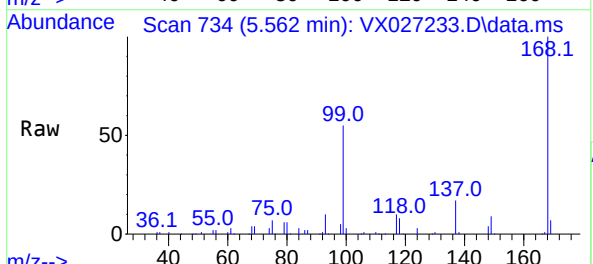
Tgt Ion: 56 Resp: 1574

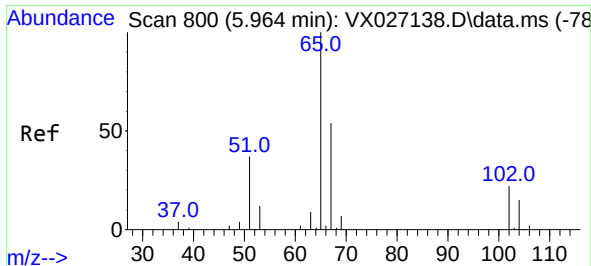
Ion Ratio Lower Upper

56 100

69 183.7 25.8 38.6#

84 161.9 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 50.981 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX027233.D

Acq: 28 Feb 2022 20:20

Instrument :

MSVOA_X

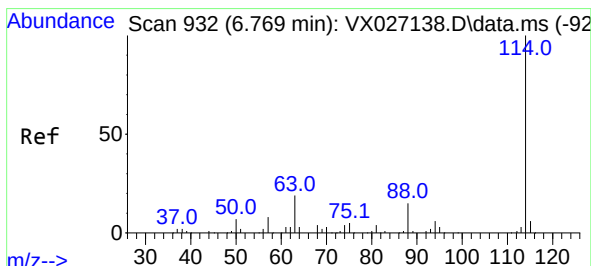
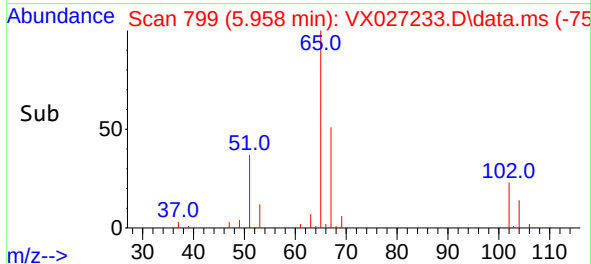
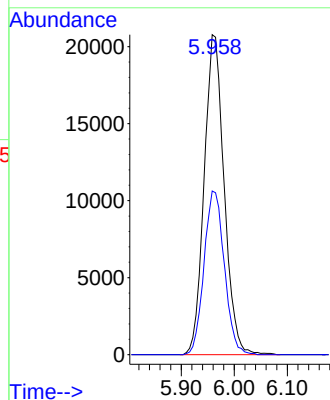
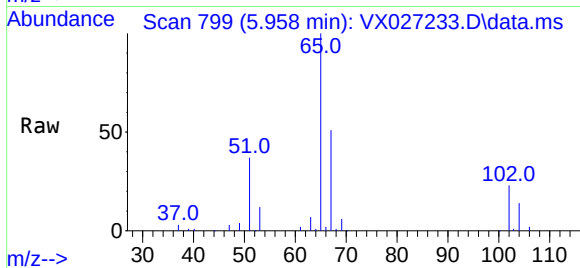
ClientSampleId :

Tgt Ion: 65 Resp: 54299

Ion Ratio Lower Upper

65 100

67 52.0 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX027233.D

Acq: 28 Feb 2022 20:20

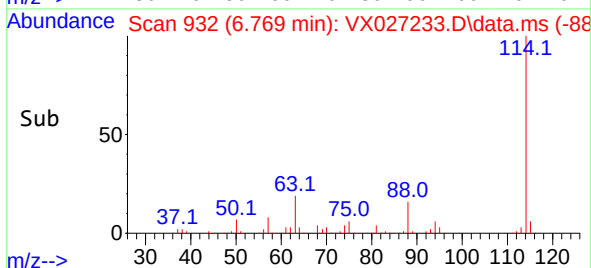
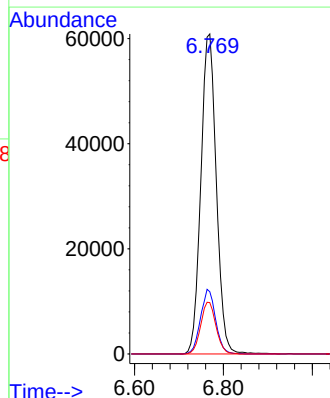
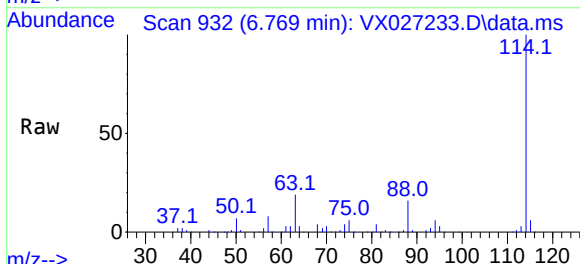
Tgt Ion: 114 Resp: 147501

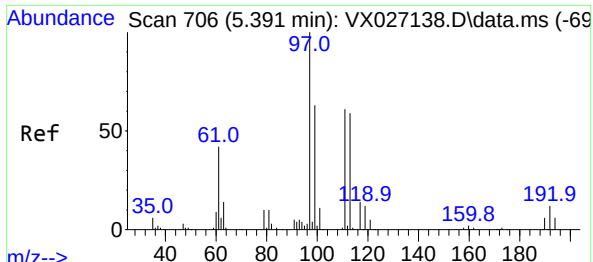
Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.8

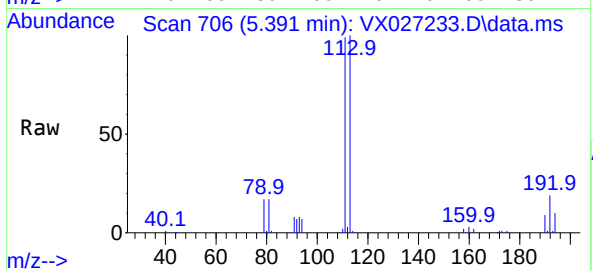
88 16.1 0.0 33.0



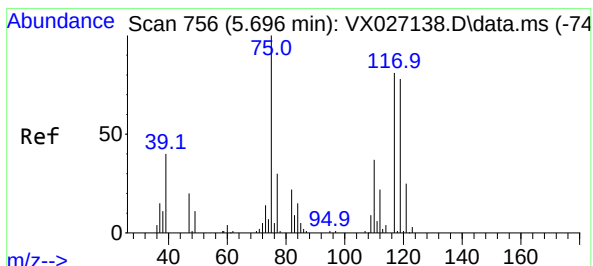
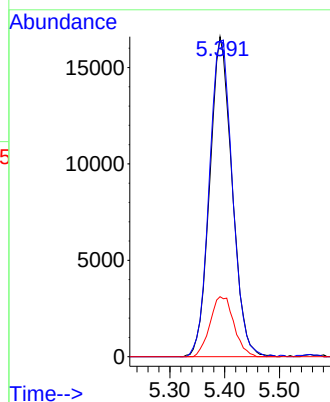
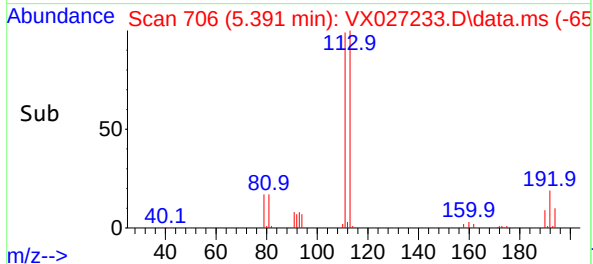


#35
Dibromofluoromethane
Concen: 51.243 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027233.D
Acq: 28 Feb 2022 20:20

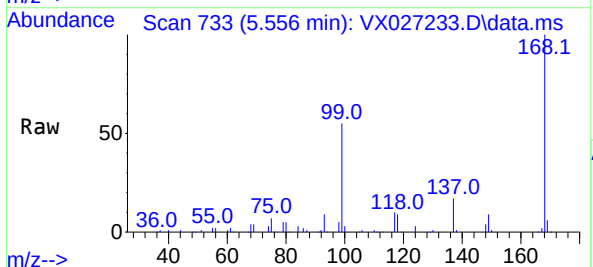
Instrument :
MSVOA_X
ClientSampleId :



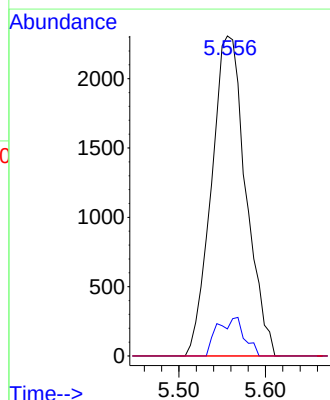
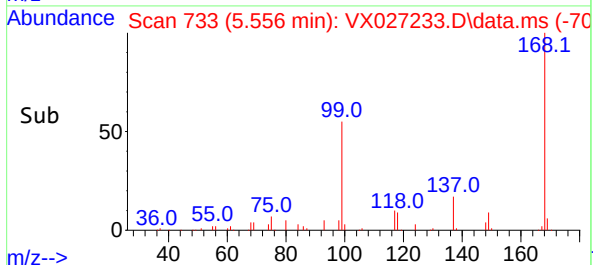
Tgt Ion:113 Resp: 46916
Ion Ratio Lower Upper
113 100
111 102.4 81.2 121.8
192 20.0 15.0 22.4

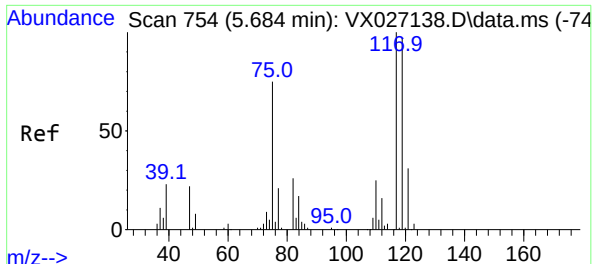


#36
1,1-Dichloropropene
Concen: 4.763 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX027233.D
Acq: 28 Feb 2022 20:20



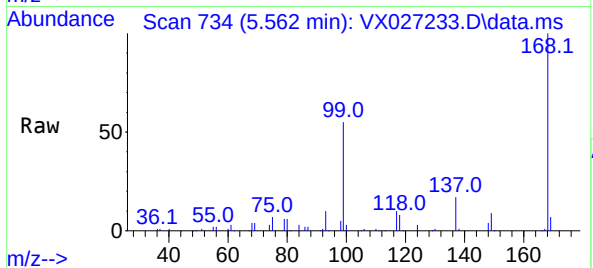
Tgt Ion: 75 Resp: 6364
Ion Ratio Lower Upper
75 100
110 9.4 17.2 51.6#
77 0.0 24.6 36.8#



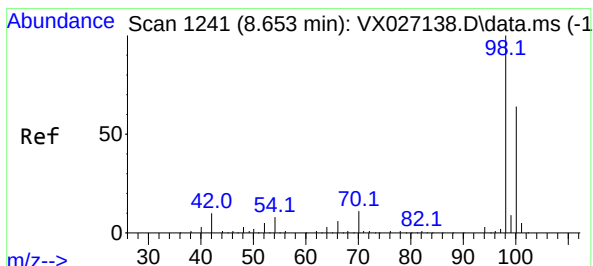
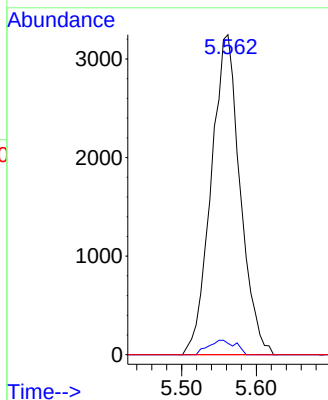
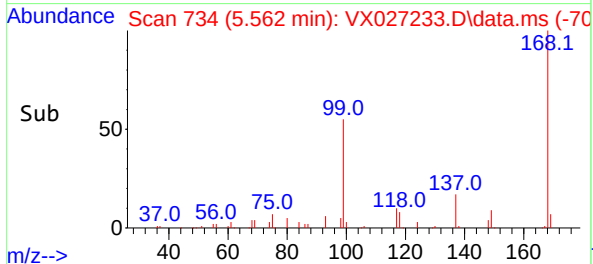


#38
Carbon Tetrachloride
Concen: 6.291 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX027233.D
Acq: 28 Feb 2022 20:20

Instrument :
MSVOA_X
ClientSampleId :

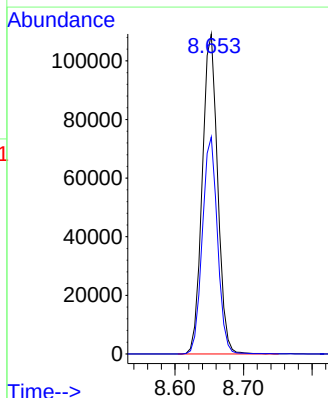
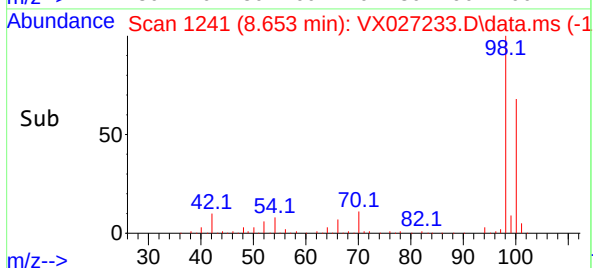
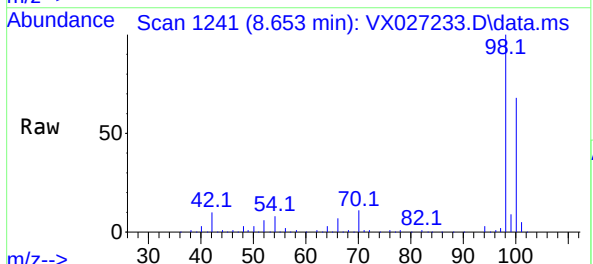


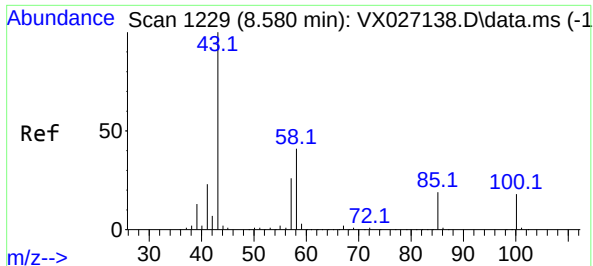
Tgt Ion:117 Resp: 8767
Ion Ratio Lower Upper
117 100
119 3.5 74.7 112.1#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 49.866 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027233.D
Acq: 28 Feb 2022 20:20

Tgt Ion: 98 Resp: 170710
Ion Ratio Lower Upper
98 100
100 66.6 53.2 79.8

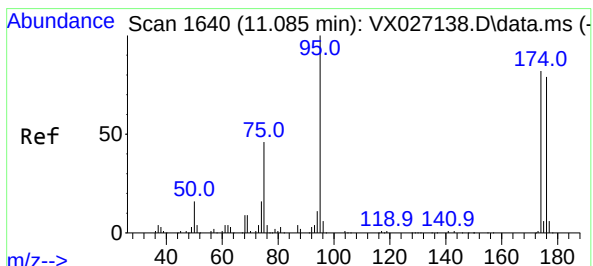
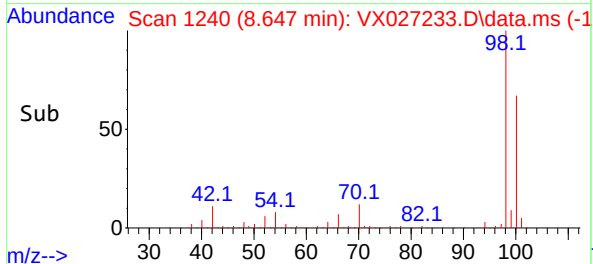
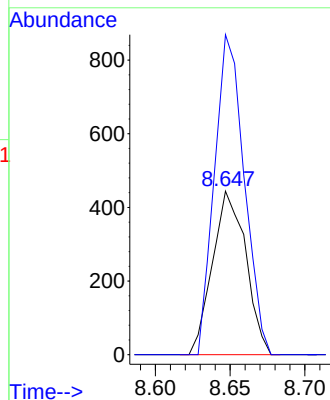
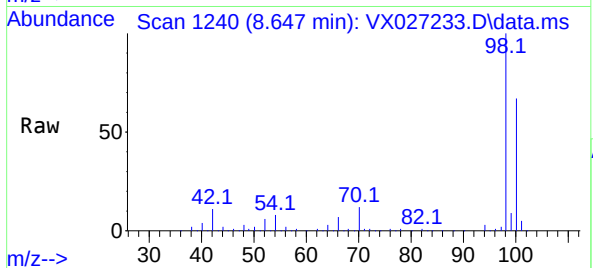




#51
4-Methyl-2-Pentanone
Concen: 0.468 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX027233.D
Acq: 28 Feb 2022 20:20

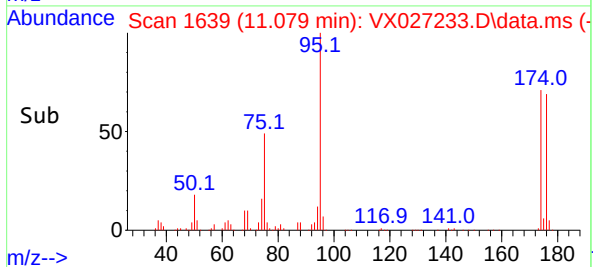
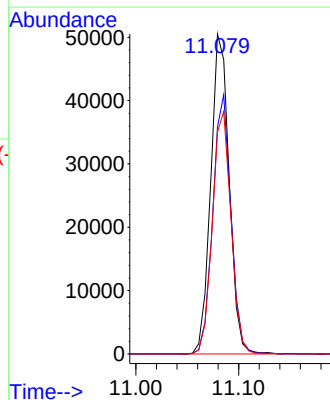
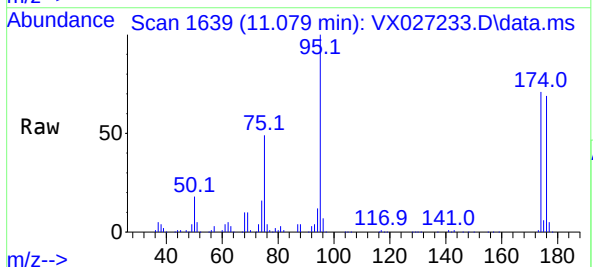
Instrument :
MSVOA_X
ClientSampleId :

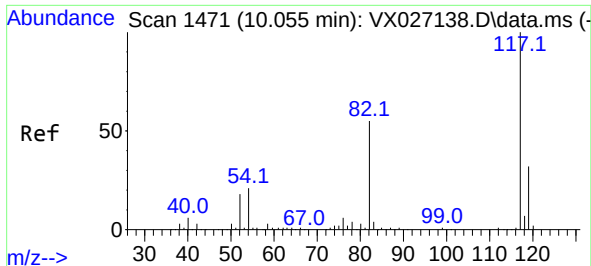
Tgt Ion: 43 Resp: 687
Ion Ratio Lower Upper
43 100
58 175.3 30.5 45.7#



#62
4-Bromofluorobenzene
Concen: 47.833 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027233.D
Acq: 28 Feb 2022 20:20

Tgt Ion: 95 Resp: 62856
Ion Ratio Lower Upper
95 100
174 79.8 0.0 148.6
176 76.3 0.0 141.4

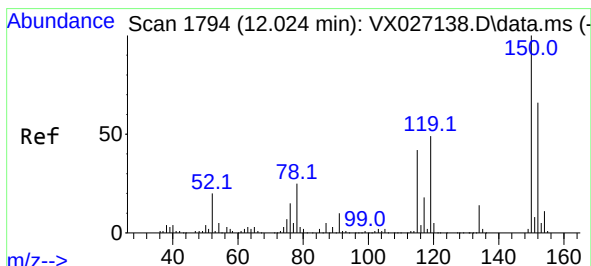
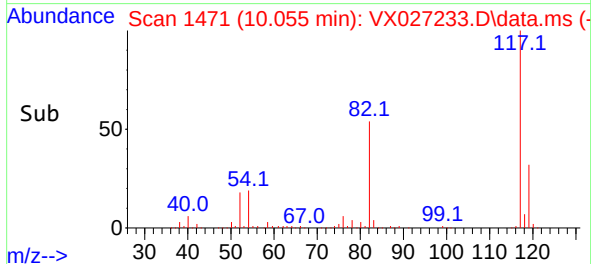
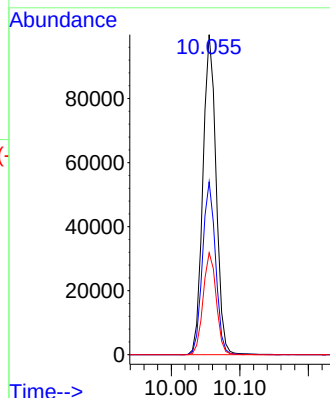
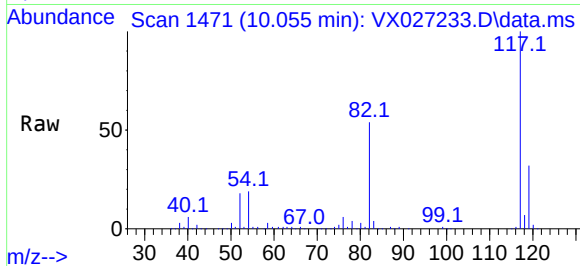




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027233.D
Acq: 28 Feb 2022 20:20

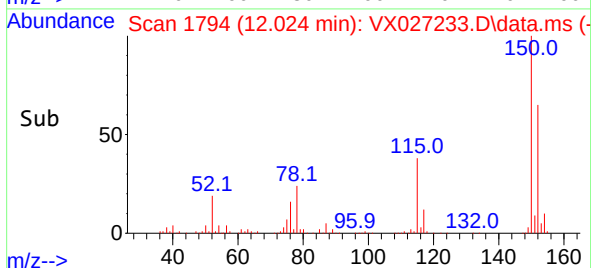
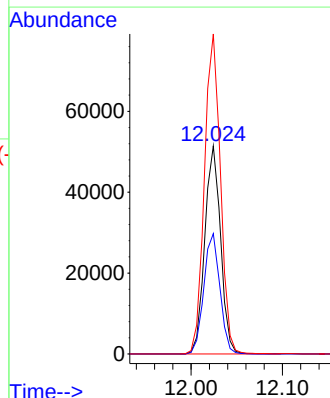
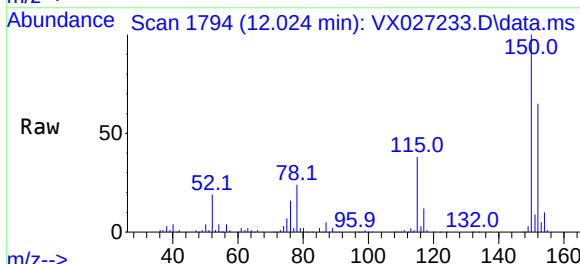
Instrument :
MSVOA_X
ClientSampleId :

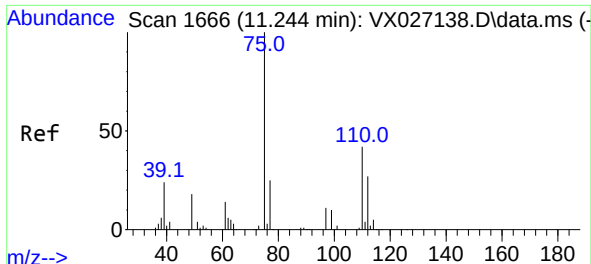
Tgt Ion:117 Resp: 134300
Ion Ratio Lower Upper
117 100
82 54.0 45.2 67.8
119 31.8 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027233.D
Acq: 28 Feb 2022 20:20

Tgt Ion:152 Resp: 61656
Ion Ratio Lower Upper
152 100
115 58.8 44.2 132.6
150 156.0 0.0 348.2

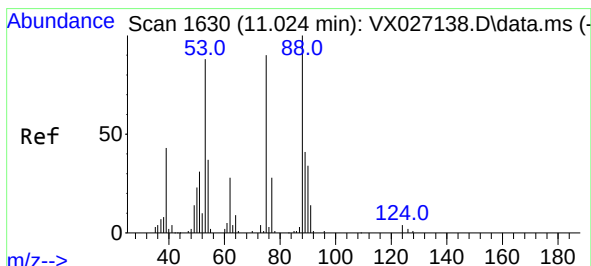
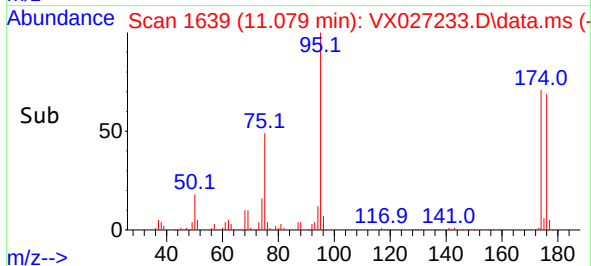
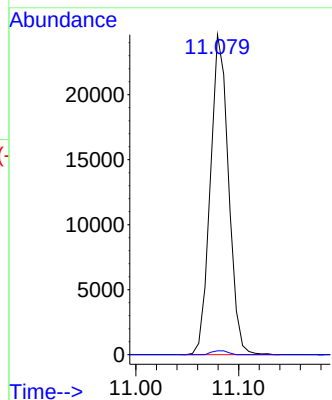
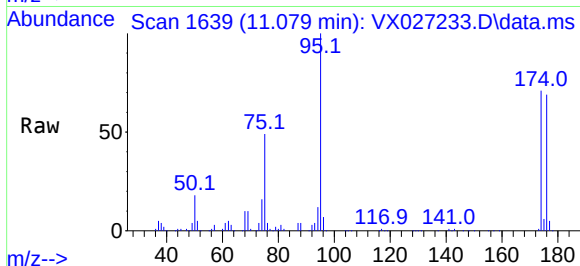




#76
1,2,3-Trichloropropane
Concen: 24.356 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027233.D
Acq: 28 Feb 2022 20:20

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 30248
Ion Ratio Lower Upper
75 100
77 1.1 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.110 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.055 min
Lab File: VX027233.D
Acq: 28 Feb 2022 20:20

Tgt Ion: 75 Resp: 30248
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

