

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030222\
 Data File : VX027268.D
 Acq On : 02 Mar 2022 17:27
 Operator : JC/MD
 Sample : PB143
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 03 00:07:03 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)

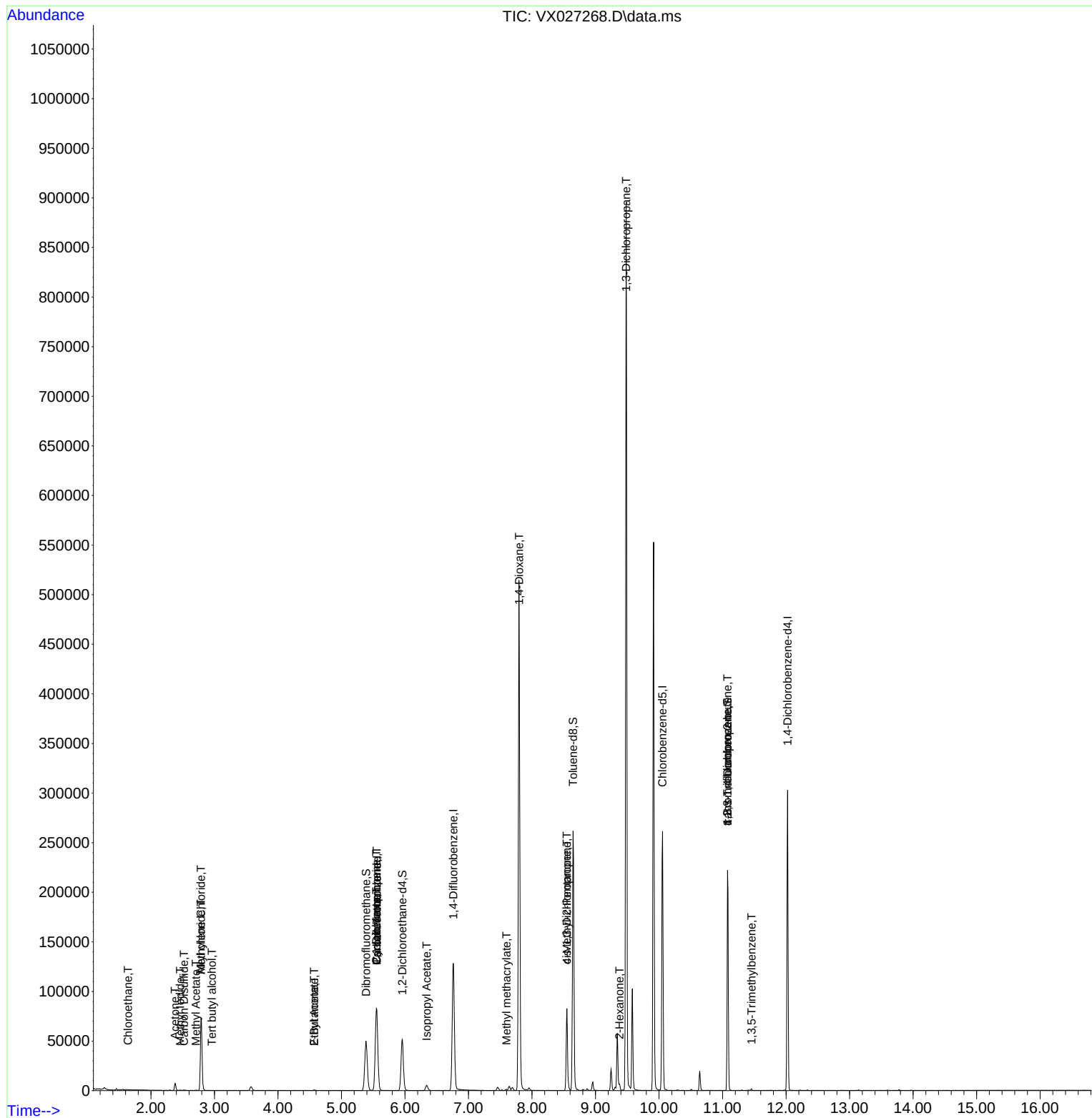
Internal Standards						
1) Pentafluorobenzene	5.556	168	82394	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	136227	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	123344	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	60387	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	49730	50.255	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.500%	
35) Dibromofluoromethane	5.385	113	43363	51.282	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.560%	
50) Toluene-d8	8.647	98	157373	49.774	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.540%	
62) 4-Bromofluorobenzene	11.079	95	59011	48.623	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.240%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	258	Below Cal		85
6) Chloroethane	1.636	64	237	0.506	ug/l #	43
10) Methyl Iodide	2.459	142	493	0.444	ug/l #	71
11) Tert butyl alcohol	2.959	59	77	0.400	ug/l #	75
14) Allyl chloride	2.788	41	1255	0.889	ug/l #	25
16) Acetone	2.380	43	7249	16.685	ug/l #	88
17) Carbon Disulfide	2.520	76	467	0.224	ug/l #	74
18) Methyl Acetate	2.709	43	492	0.439	ug/l #	64
20) Methylene Chloride	2.788	84	33980	37.734	ug/l	92
25) 2-Butanone	4.568	43	967	1.398	ug/l #	88
31) Cyclohexane	5.550	56	1443	0.974	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	5722	4.637	ug/l #	51
37) Ethyl Acetate	4.568	43	967	0.714	ug/l #	69
38) Carbon Tetrachloride	5.556	117	7891	6.131	ug/l #	17
43) Isopropyl Acetate	6.342	43	7099	3.406	ug/l	99
48) Methyl methacrylate	7.598	41	1911	1.894	ug/l #	16
49) 1,4-Dioxane	7.799	88	22	0.965	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	26644	19.667	ug/l #	51
54) cis-1,3-Dichloropropene	8.549	75	12936	9.375	ug/l #	58
57) 1,3-Dichloropropane	9.482	76	7589	4.985	ug/l #	43
59) 2-Hexanone	9.378	43	3527	3.406	ug/l #	25
76) 1,2,3-Trichloropropane	11.079	75	28468	23.405	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.457	105	923	0.254	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.079	75	28468	66.605	ug/l #	3

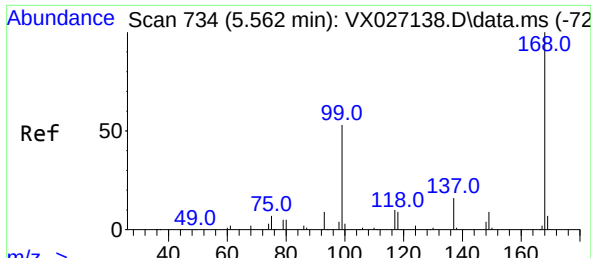
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Feb 23 13:06:57 2022
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.006 min

Lab File: VX027268.D

Acq: 02 Mar 2022 17:27

Instrument :

MSVOA_X

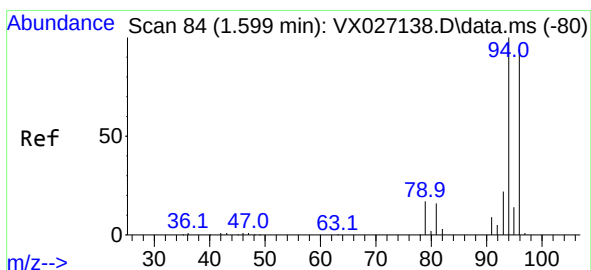
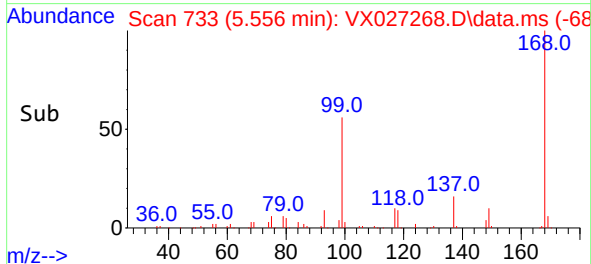
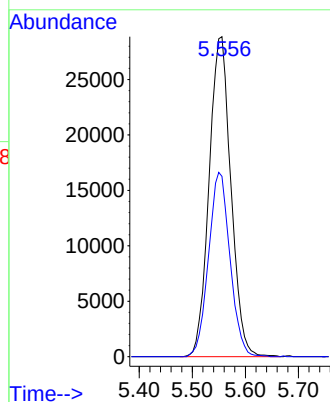
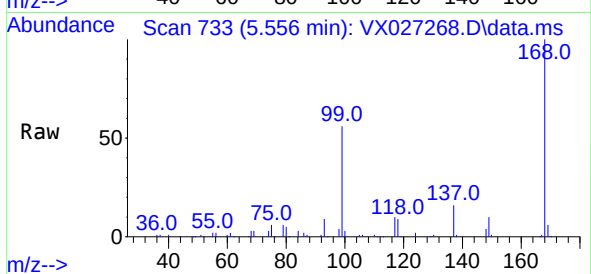
ClientSampleId :

Tgt Ion:168 Resp: 82394

Ion Ratio Lower Upper

168 100

99 56.4 50.3 75.5



#5

Bromomethane

Concen: Below Cal

RT: 1.617 min Scan# 87

Delta R.T. 0.018 min

Lab File: VX027268.D

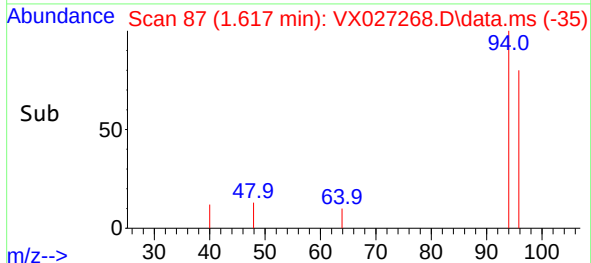
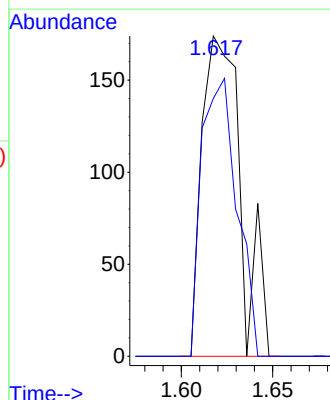
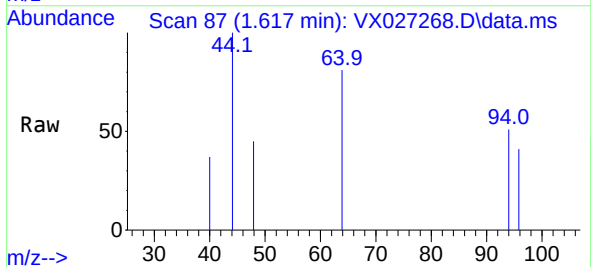
Acq: 02 Mar 2022 17:27

Tgt Ion: 94 Resp: 258

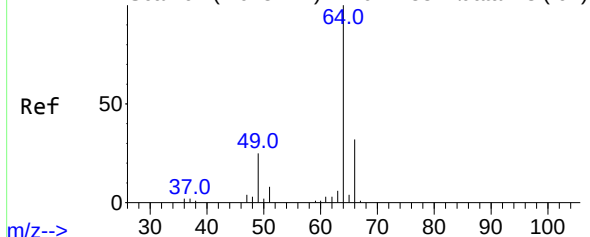
Ion Ratio Lower Upper

94 100

96 80.5 75.9 113.9



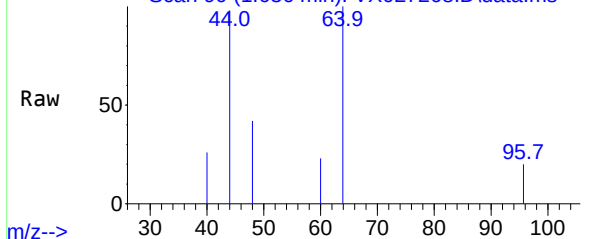
Abundance Scan 97 (1.678 min): VX027138.D\data.ms (-91)



#6
Chloroethane
Concen: 0.506 ug/l
RT: 1.636 min Scan# 90
Delta R.T. -0.042 min
Lab File: VX027268.D
Acq: 02 Mar 2022 17:27

Instrument :
MSVOA_X
ClientSampleId :

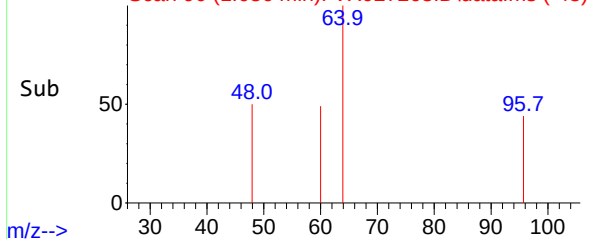
Abundance Scan 90 (1.636 min): VX027268.D\data.ms



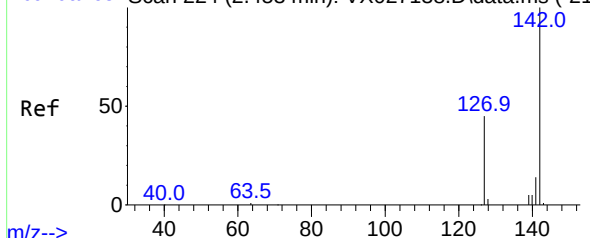
Tgt Ion: 64 Resp: 237
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



Abundance Scan 90 (1.636 min): VX027268.D\data.ms (-48)



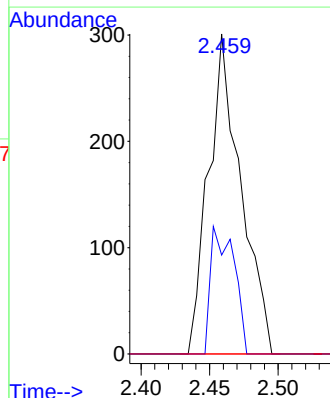
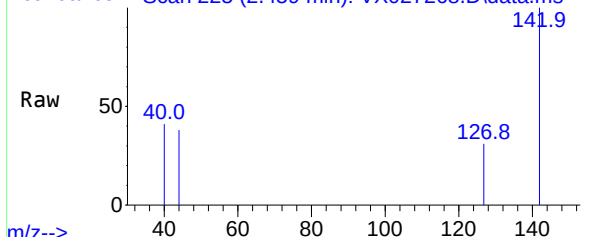
Abundance Scan 224 (2.453 min): VX027138.D\data.ms (-21)



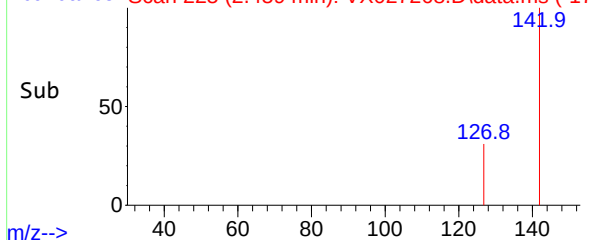
#10
Methyl Iodide
Concen: 0.444 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX027268.D
Acq: 02 Mar 2022 17:27

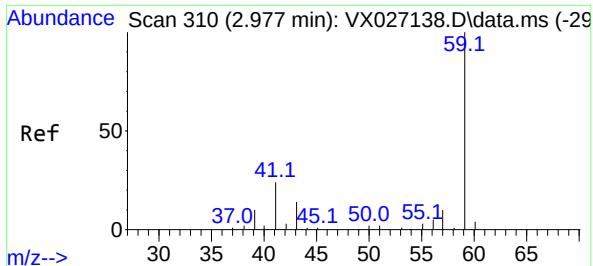
Tgt Ion: 142 Resp: 493
Ion Ratio Lower Upper
142 100
127 28.8 38.1 57.1#
141 0.0 11.2 16.8#

Abundance Scan 225 (2.459 min): VX027268.D\data.ms



Abundance Scan 225 (2.459 min): VX027268.D\data.ms (-17)

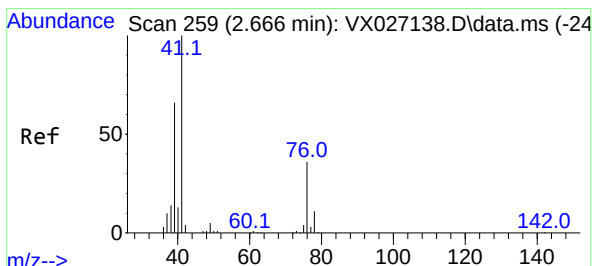
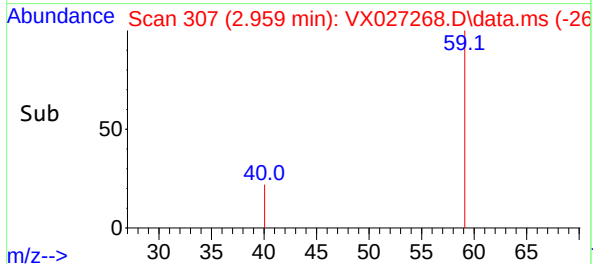
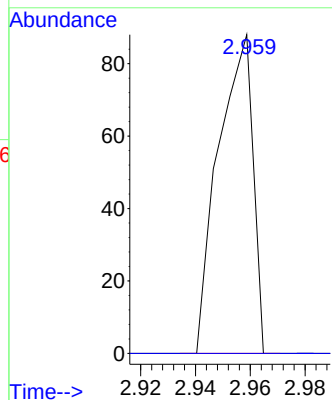
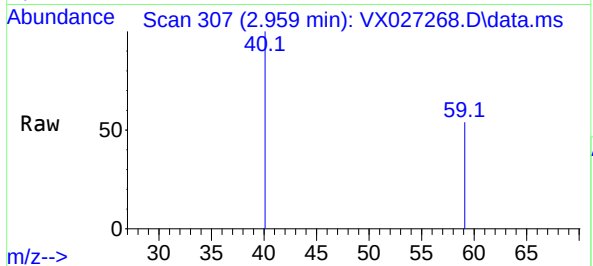




#11
Tert butyl alcohol
Concen: 0.400 ug/l
RT: 2.959 min Scan# 30
Delta R.T. -0.018 min
Lab File: VX027268.D
Acq: 02 Mar 2022 17:27

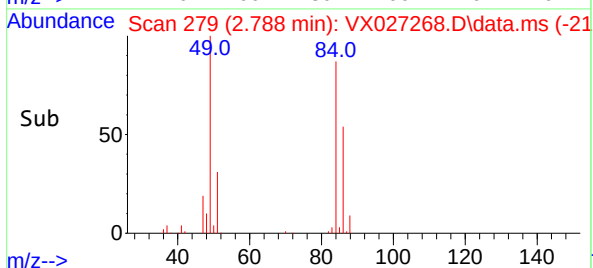
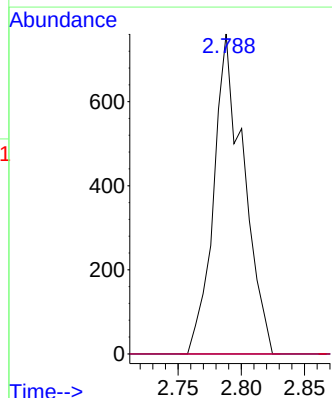
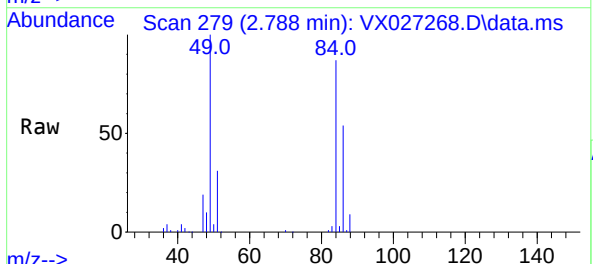
Instrument :
MSVOA_X
ClientSampleId :

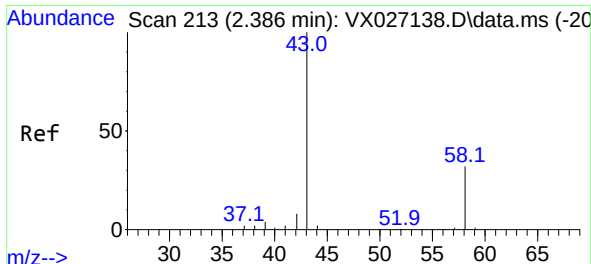
Tgt Ion: 59 Resp: 77
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#



#14
Allyl chloride
Concen: 0.889 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.122 min
Lab File: VX027268.D
Acq: 02 Mar 2022 17:27

Tgt Ion: 41 Resp: 1255
Ion Ratio Lower Upper
41 100
39 0.0 54.2 81.4#
76 0.0 25.2 37.8#

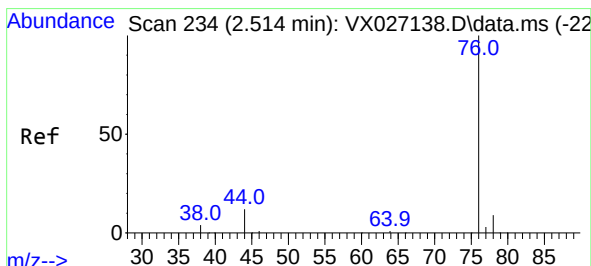
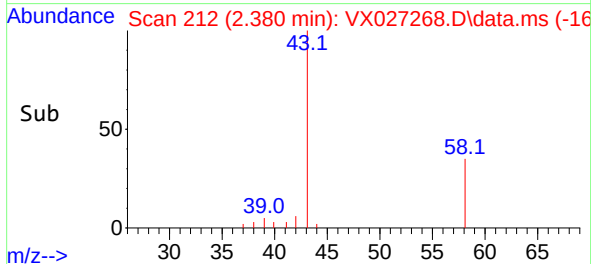
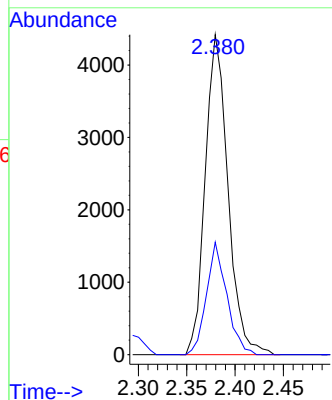
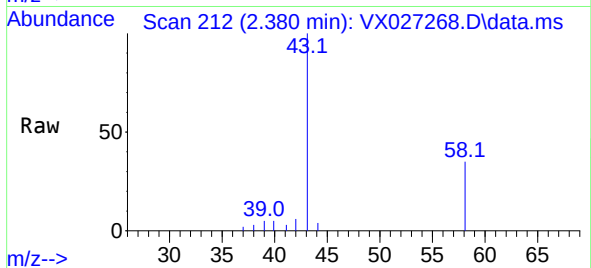




#16
Acetone
Concen: 16.685 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX027268.D
Acq: 02 Mar 2022 17:27

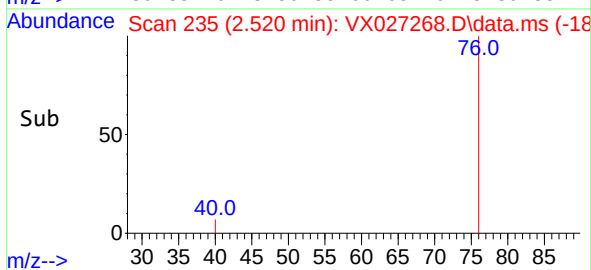
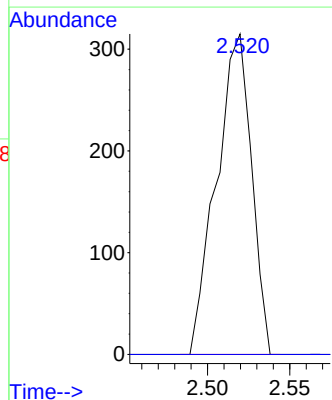
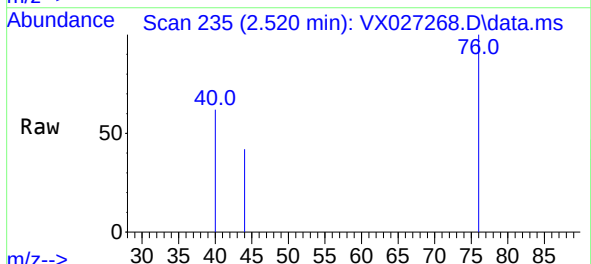
Instrument :
MSVOA_X
ClientSampleId :

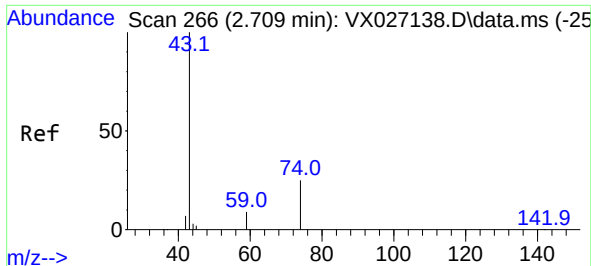
Tgt Ion: 43 Resp: 7249
Ion Ratio Lower Upper
43 100
58 35.1 23.0 34.6#



#17
Carbon Disulfide
Concen: 0.224 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX027268.D
Acq: 02 Mar 2022 17:27

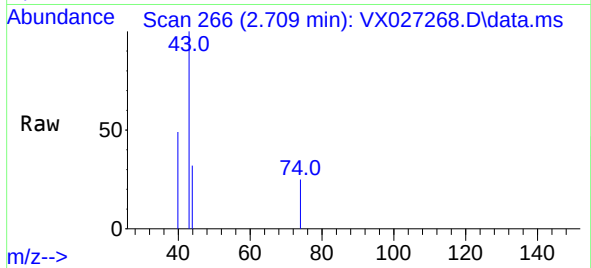
Tgt Ion: 76 Resp: 467
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



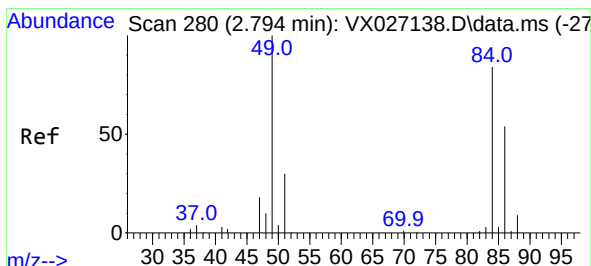
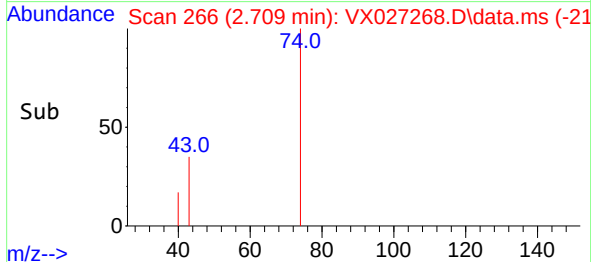
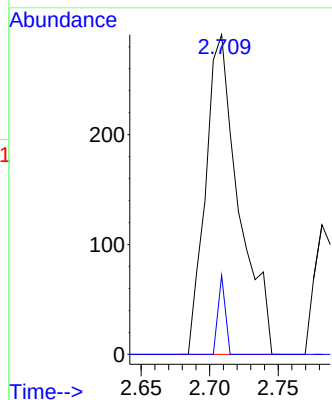


#18
Methyl Acetate
Concen: 0.439 ug/l
RT: 2.709 min Scan# 209
Delta R.T. -0.000 min
Lab File: VX027268.D
Acq: 02 Mar 2022 17:27

Instrument :
MSVOA_X
ClientSampleId :

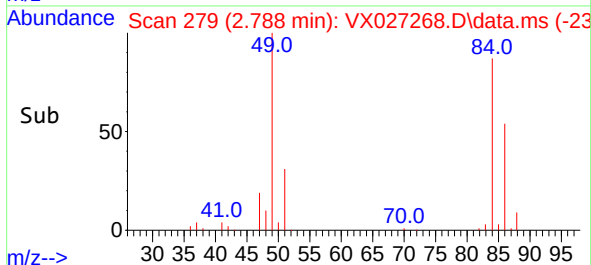
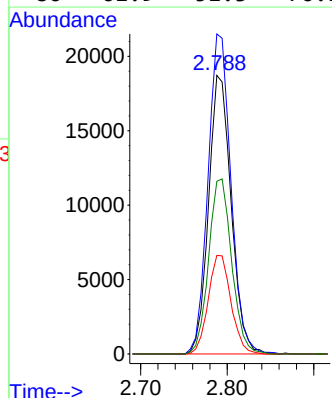
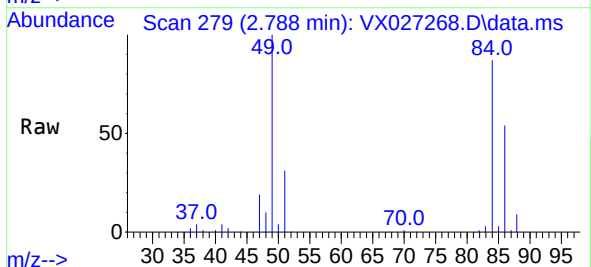


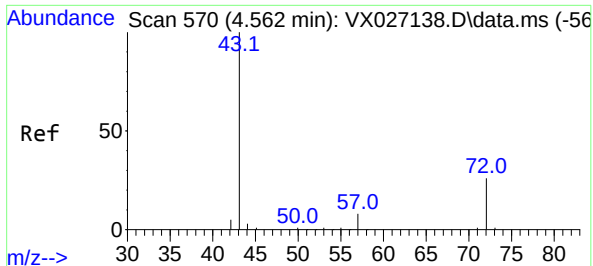
Tgt Ion: 43 Resp: 492
Ion Ratio Lower Upper
43 100
74 5.3 18.3 27.5#



#20
Methylene Chloride
Concen: 37.734 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX027268.D
Acq: 02 Mar 2022 17:27

Tgt Ion: 84 Resp: 33980
Ion Ratio Lower Upper
84 100
49 114.9 101.5 152.3
51 35.4 31.2 46.8
86 61.9 51.3 76.9





#25

2-Butanone

Concen: 1.398 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX027268.D

Acq: 02 Mar 2022 17:27

Instrument :

MSVOA_X

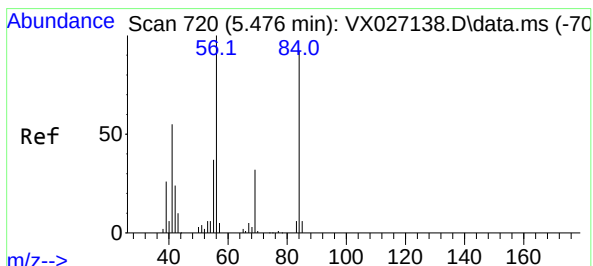
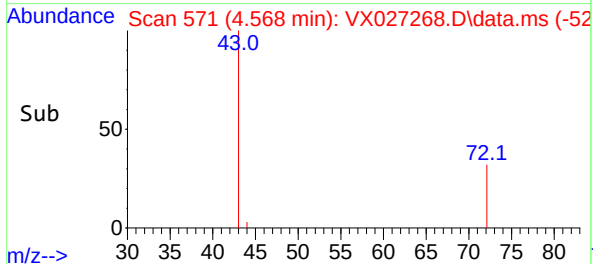
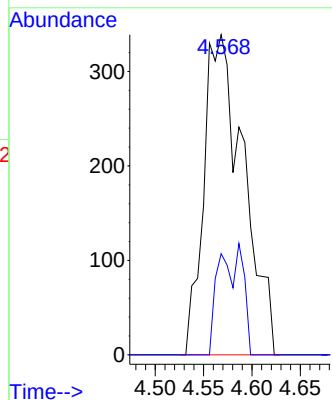
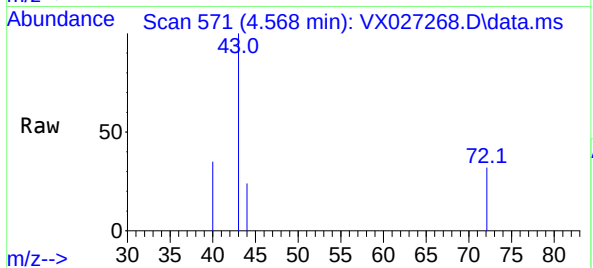
ClientSampleId :

Tgt Ion: 43 Resp: 967

Ion Ratio Lower Upper

43 100

72 31.6 20.4 30.6#



#31

Cyclohexane

Concen: 0.974 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.074 min

Lab File: VX027268.D

Acq: 02 Mar 2022 17:27

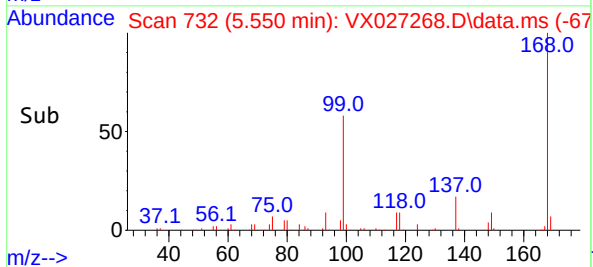
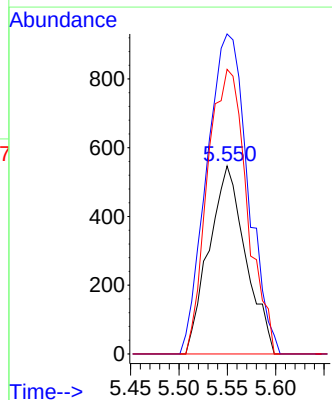
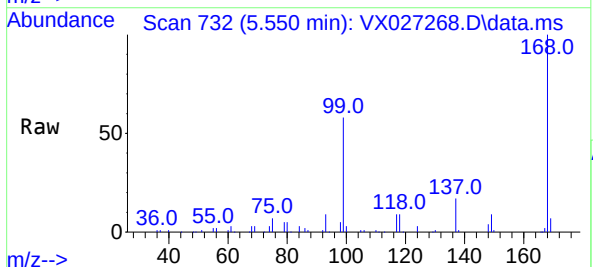
Tgt Ion: 56 Resp: 1443

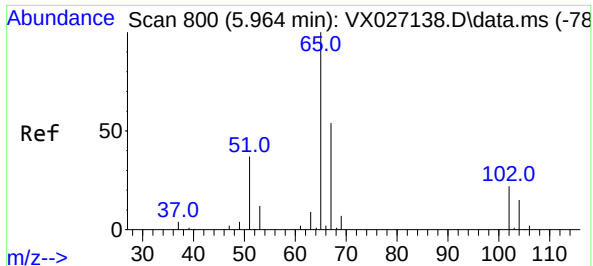
Ion Ratio Lower Upper

56 100

69 170.2 25.8 38.6#

84 151.4 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 50.255 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX027268.D

Acq: 02 Mar 2022 17:27

Instrument :

MSVOA_X

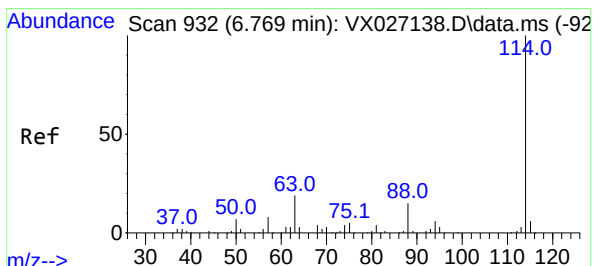
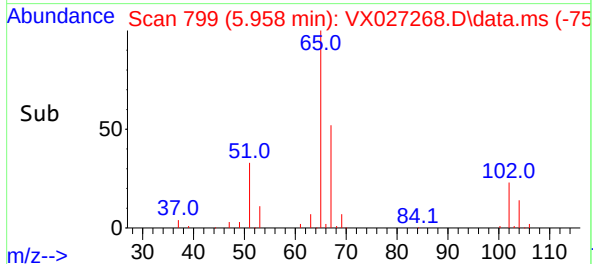
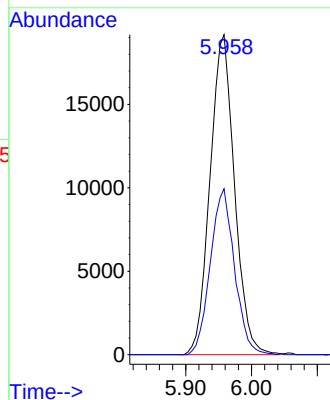
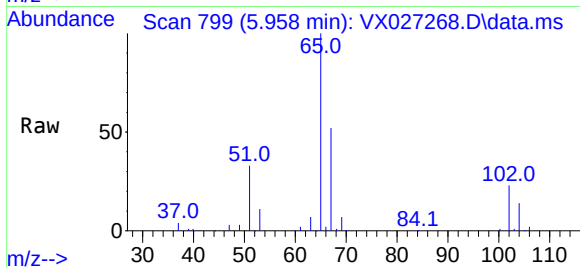
ClientSampleId :

Tgt Ion: 65 Resp: 49730

Ion Ratio Lower Upper

65 100

67 51.2 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: VX027268.D

Acq: 02 Mar 2022 17:27

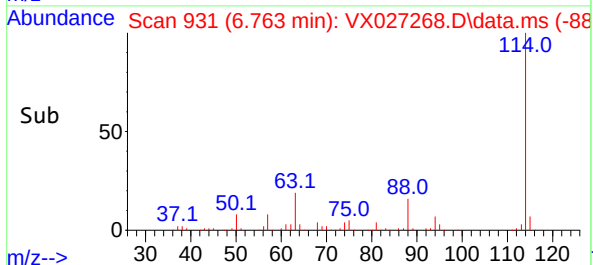
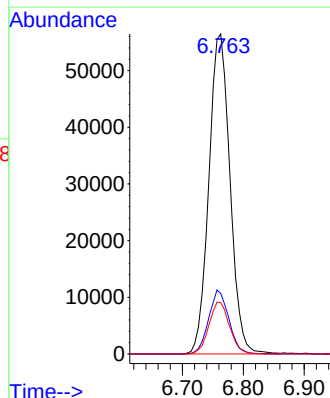
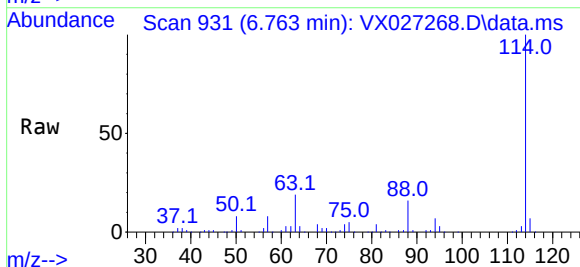
Tgt Ion: 114 Resp: 136227

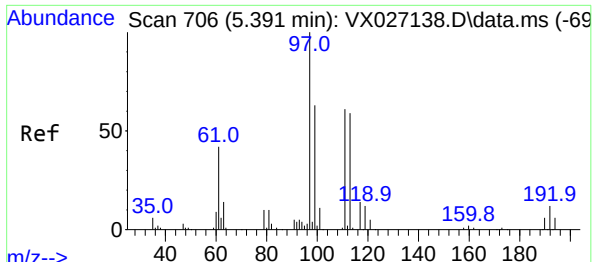
Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.8

88 16.1 0.0 33.0





#35

Dibromofluoromethane

Concen: 51.282 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

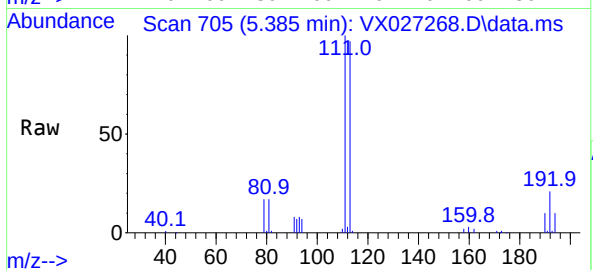
Lab File: VX027268.D

Acq: 02 Mar 2022 17:27

Instrument :

MSVOA_X

ClientSampleId :



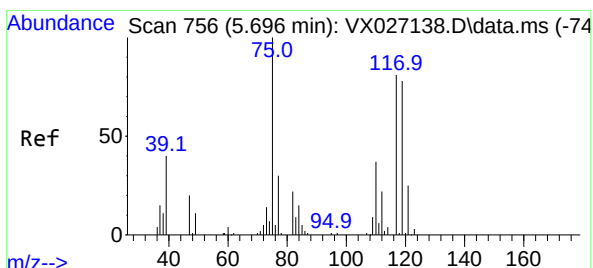
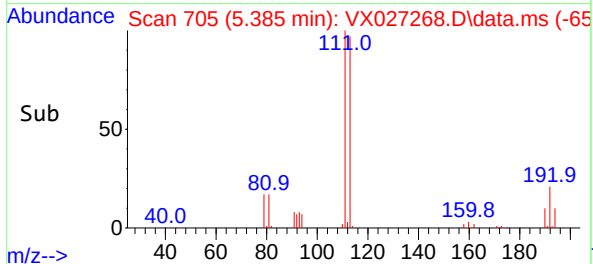
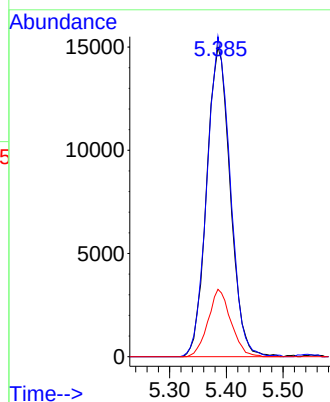
Tgt Ion:113 Resp: 43363

Ion Ratio Lower Upper

113 100

111 101.6 81.2 121.8

192 21.0 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.637 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX027268.D

Acq: 02 Mar 2022 17:27

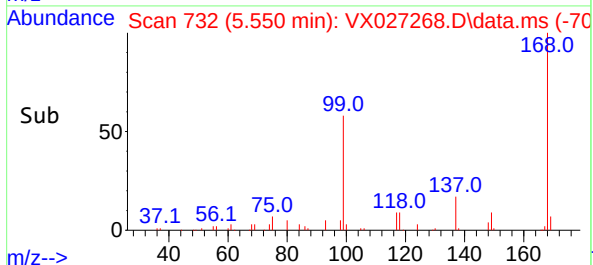
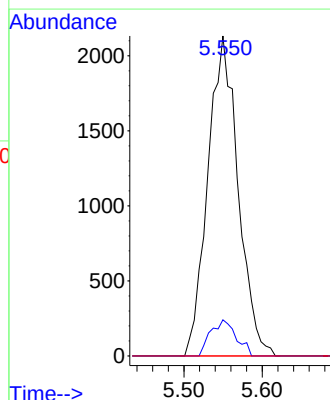
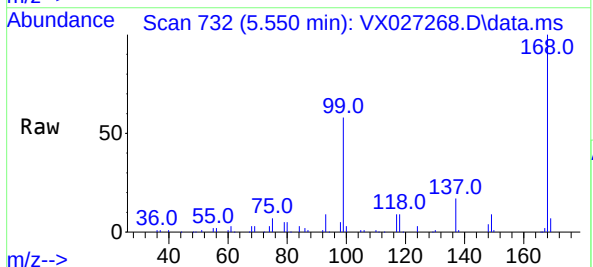
Tgt Ion: 75 Resp: 5722

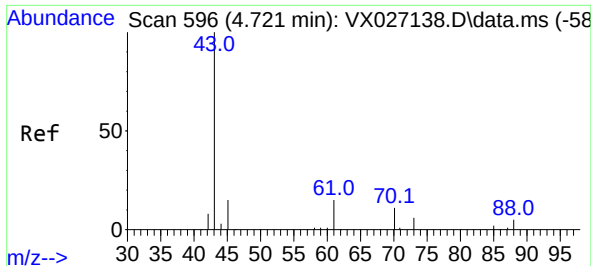
Ion Ratio Lower Upper

75 100

110 9.5 17.2 51.6#

77 0.0 24.6 36.8#





#37

Ethyl Acetate

Concen: 0.714 ug/l

RT: 4.568 min Scan# 51

Delta R.T. -0.153 min

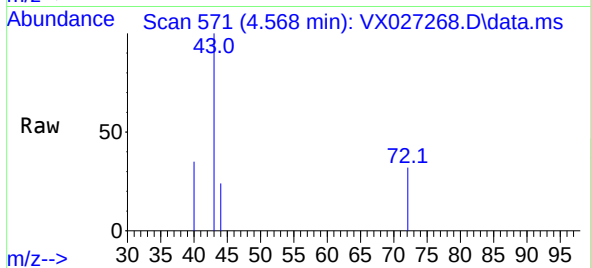
Lab File: VX027268.D

Acq: 02 Mar 2022 17:27

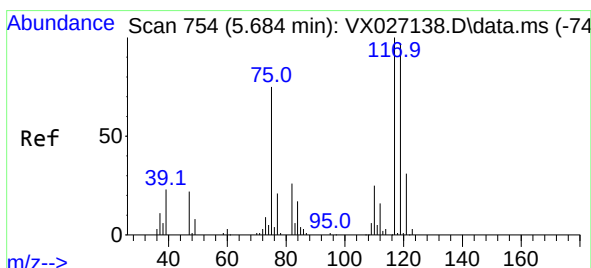
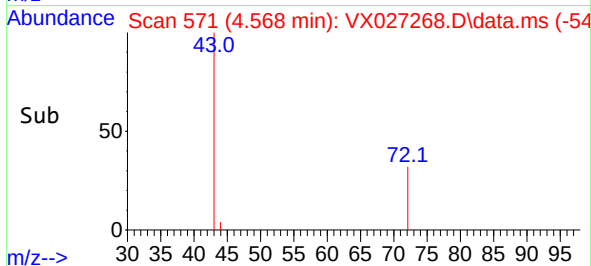
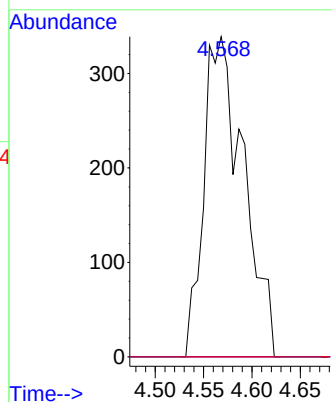
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	43	Resp:	967
Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.6	16.0#
70	0.0	8.5	12.7#



#38

Carbon Tetrachloride

Concen: 6.131 ug/l

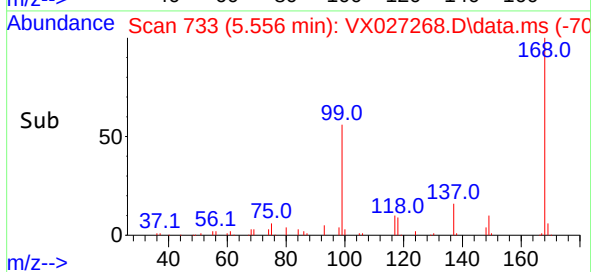
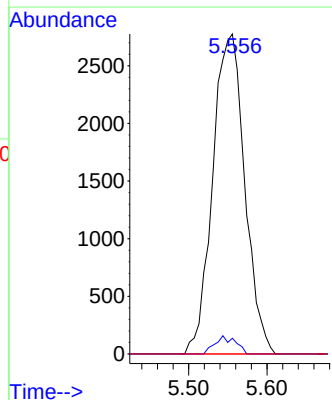
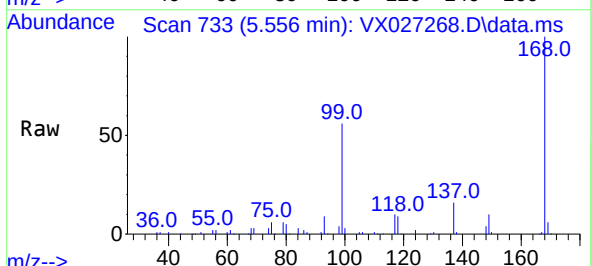
RT: 5.556 min Scan# 733

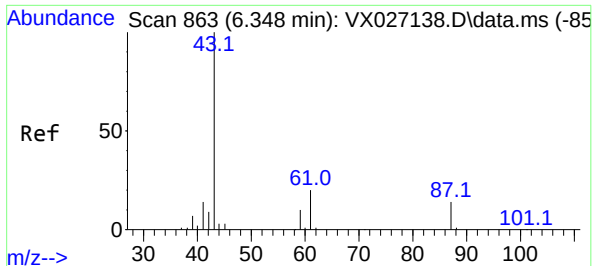
Delta R.T. -0.128 min

Lab File: VX027268.D

Acq: 02 Mar 2022 17:27

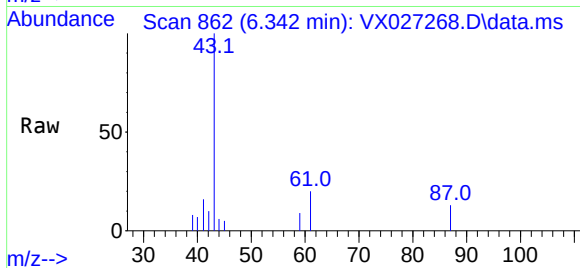
Tgt Ion:	117	Resp:	7891
Ion	Ratio	Lower	Upper
117	100		
119	4.9	74.7	112.1#
121	0.0	25.4	38.0#



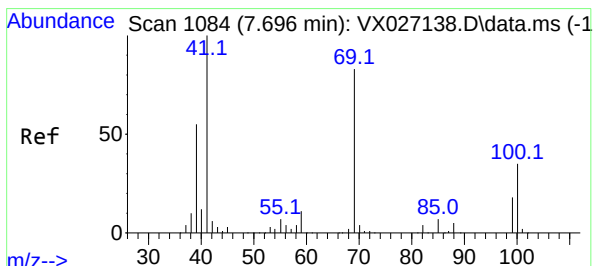
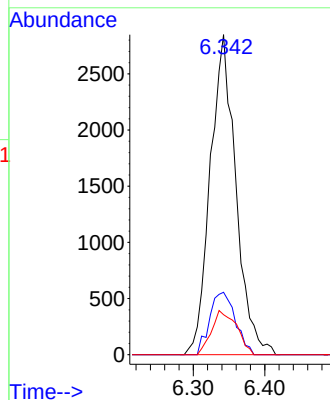
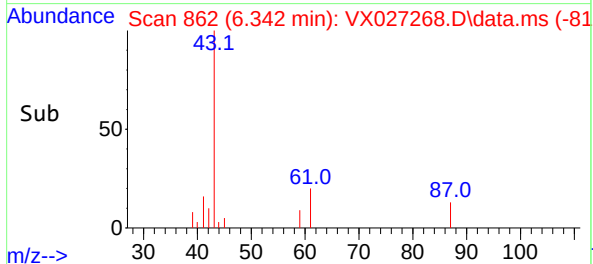


#43
Isopropyl Acetate
Concen: 3.406 ug/l
RT: 6.342 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX027268.D
Acq: 02 Mar 2022 17:27

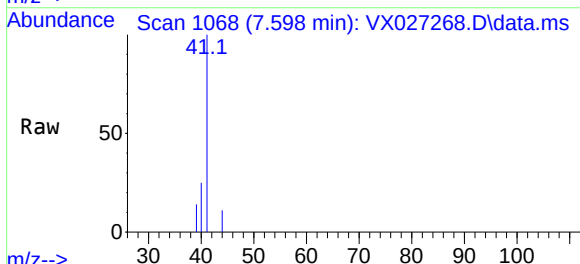
Instrument :
MSVOA_X
ClientSampleId :



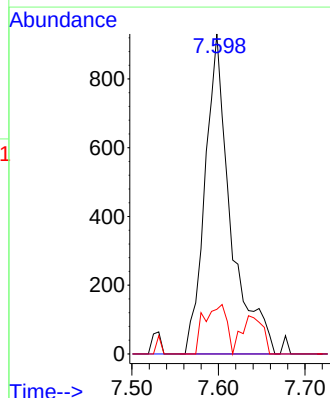
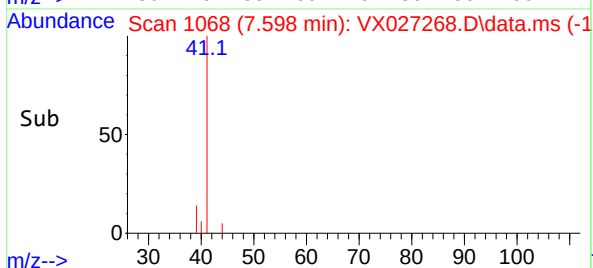
Tgt Ion: 43 Resp: 7099
Ion Ratio Lower Upper
43 100
61 19.6 15.4 23.0
87 13.5 10.2 15.2

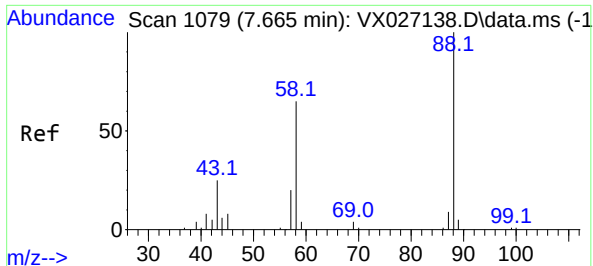


#48
Methyl methacrylate
Concen: 1.894 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX027268.D
Acq: 02 Mar 2022 17:27



Tgt Ion: 41 Resp: 1911
Ion Ratio Lower Upper
41 100
69 0.0 62.2 93.4#
39 0.0 45.4 68.0#





#49

1,4-Dioxane

Concen: 0.965 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.134 min

Lab File: VX027268.D

Acq: 02 Mar 2022 17:27

Instrument :

MSVOA_X

ClientSampleId :

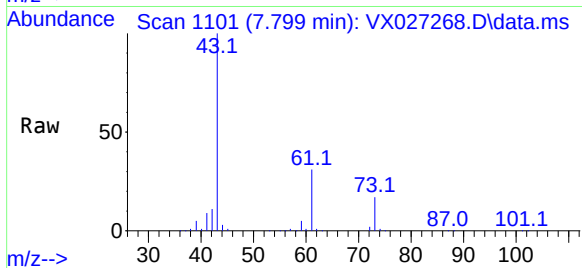
Tgt Ion: 88 Resp: 22

Ion Ratio Lower Upper

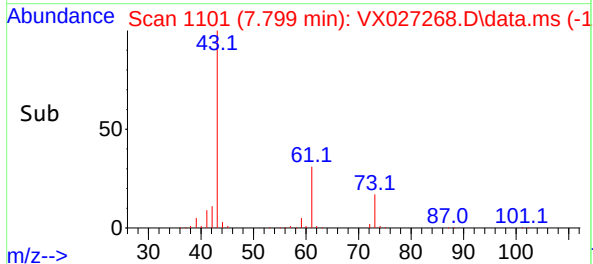
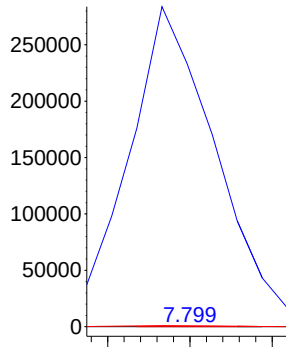
88 100

43 1972109.1 29.9 44.9#

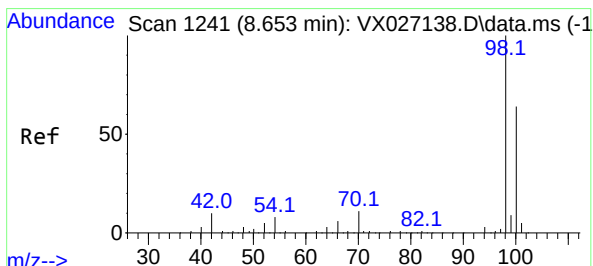
58 7704.5 57.8 86.6#



Abundance



Time-->



#50

Toluene-d8

Concen: 49.774 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX027268.D

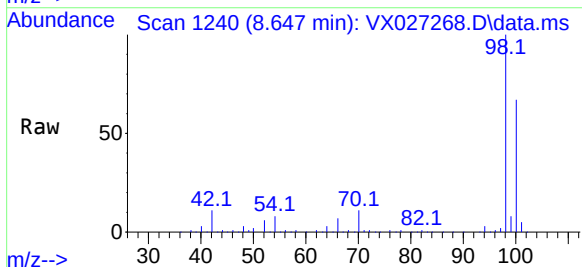
Acq: 02 Mar 2022 17:27

Tgt Ion: 98 Resp: 157373

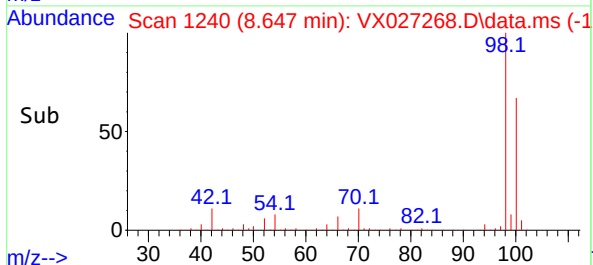
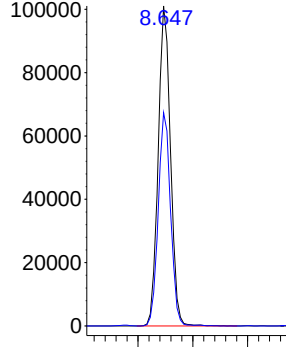
Ion Ratio Lower Upper

98 100

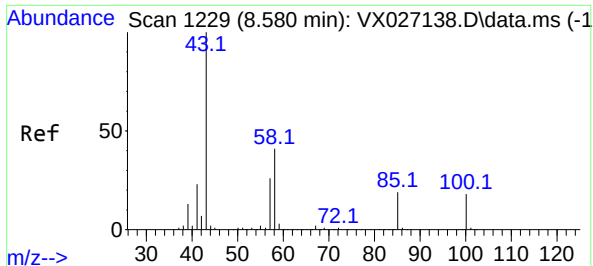
100 67.0 53.2 79.8



Abundance



Time-->



#51

4-Methyl-2-Pentanone

Concen: 19.667 ug/l

RT: 8.549 min Scan# 11

Delta R.T. -0.031 min

Lab File: VX027268.D

Acq: 02 Mar 2022 17:27

Instrument :

MSVOA_X

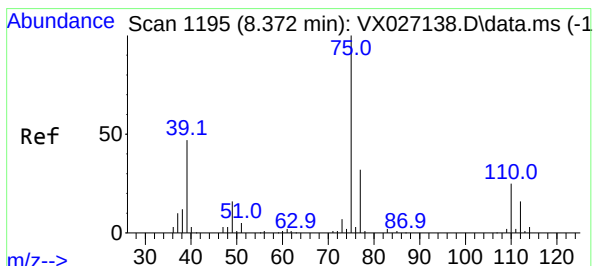
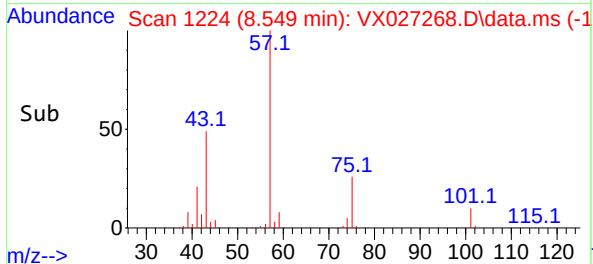
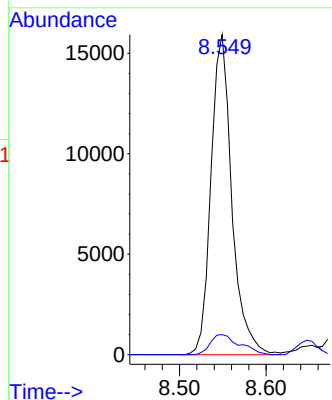
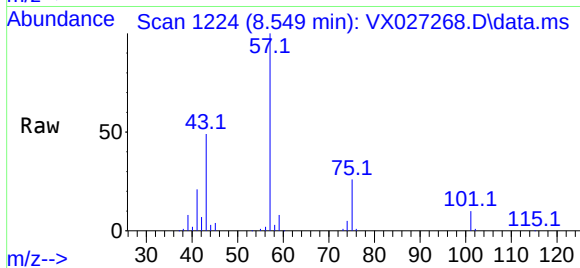
ClientSampleId :

Tgt Ion: 43 Resp: 26644

Ion Ratio Lower Upper

43 100

58 8.8 30.5 45.7#



#54

cis-1,3-Dichloropropene

Concen: 9.375 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. 0.177 min

Lab File: VX027268.D

Acq: 02 Mar 2022 17:27

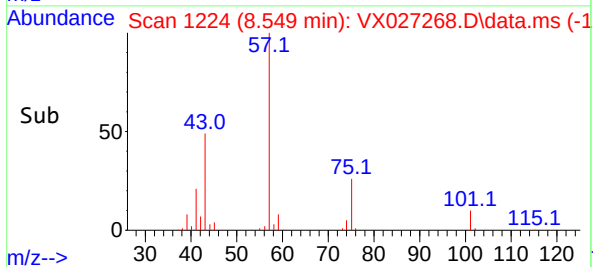
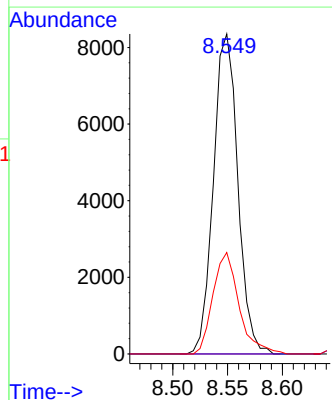
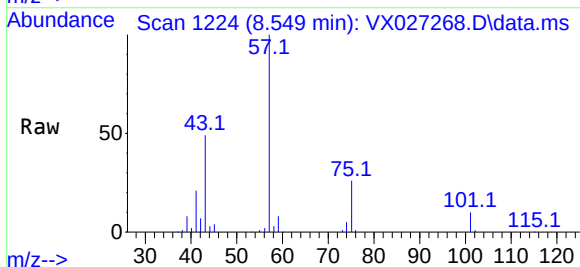
Tgt Ion: 75 Resp: 12936

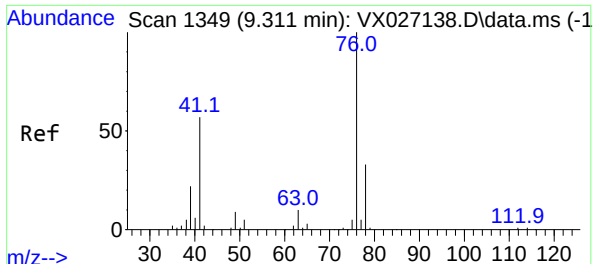
Ion Ratio Lower Upper

75 100

77 0.0 26.2 39.2#

39 31.7 43.5 65.3#

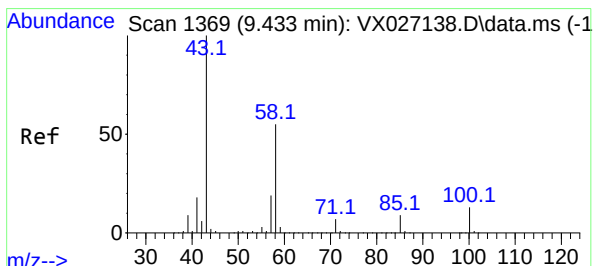
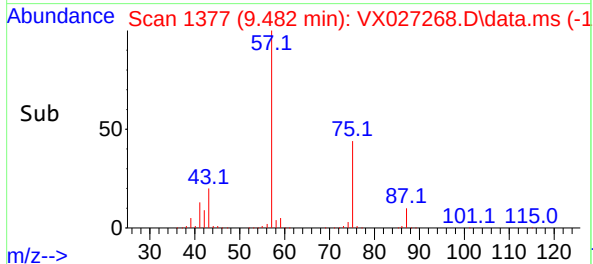
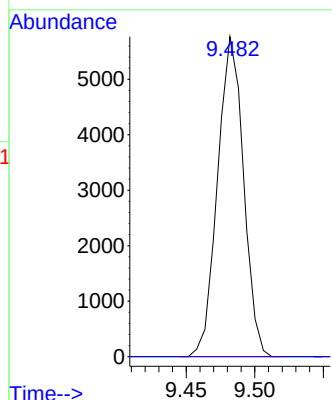
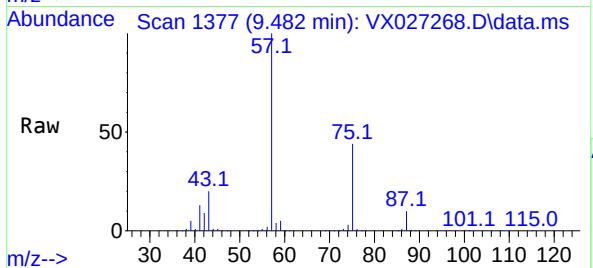




#57
1,3-Dichloropropane
Concen: 4.985 ug/l
RT: 9.482 min Scan# 11
Delta R.T. 0.171 min
Lab File: VX027268.D
Acq: 02 Mar 2022 17:27

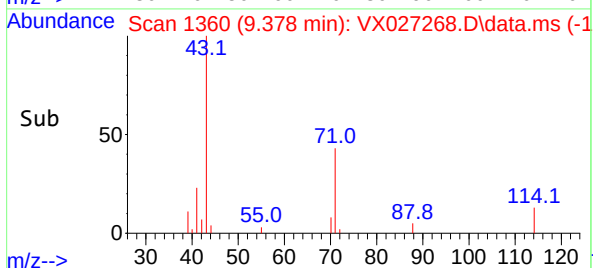
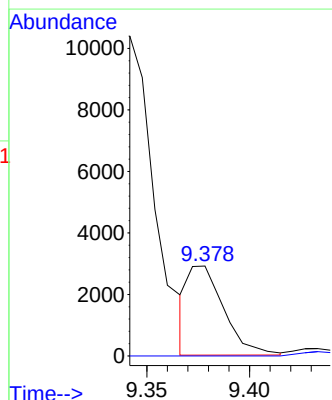
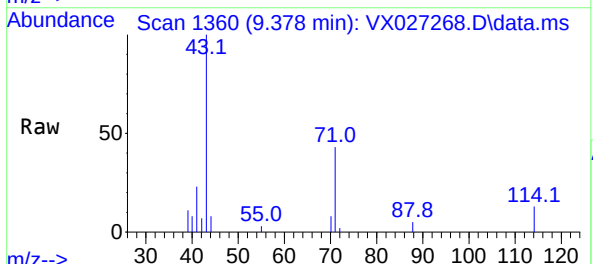
Instrument :
MSVOA_X
ClientSampleId :

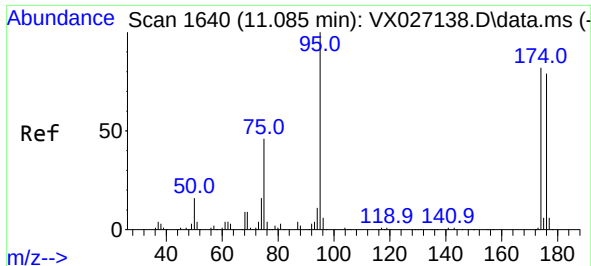
Tgt Ion: 76 Resp: 7589
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#



#59
2-Hexanone
Concen: 3.406 ug/l
RT: 9.378 min Scan# 1360
Delta R.T. -0.055 min
Lab File: VX027268.D
Acq: 02 Mar 2022 17:27

Tgt Ion: 43 Resp: 3527
Ion Ratio Lower Upper
43 100
58 0.0 26.4 79.2#

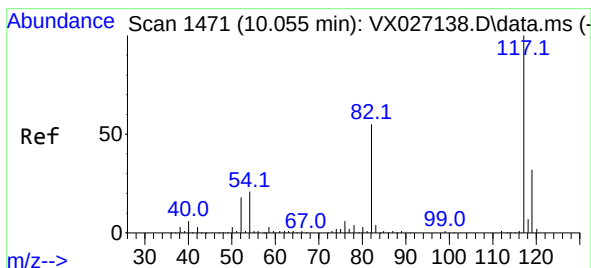
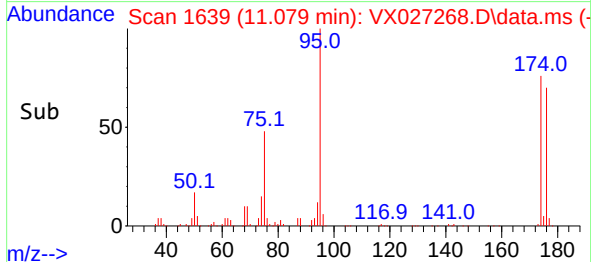
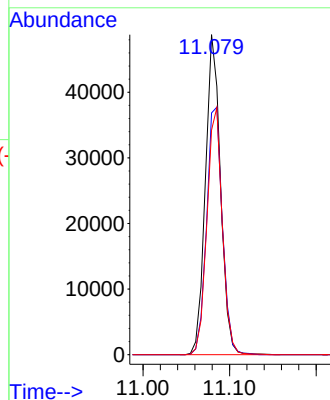
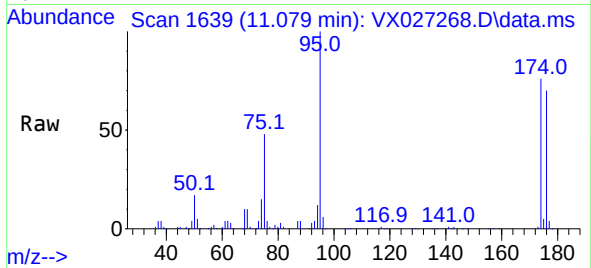




#62
4-Bromofluorobenzene
Concen: 48.623 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027268.D
Acq: 02 Mar 2022 17:27

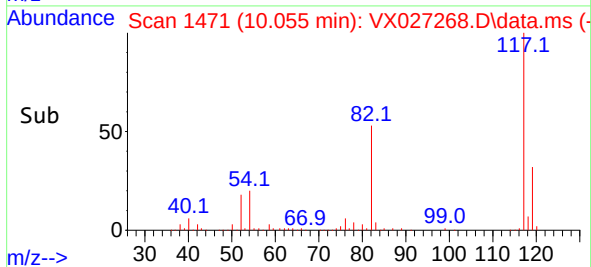
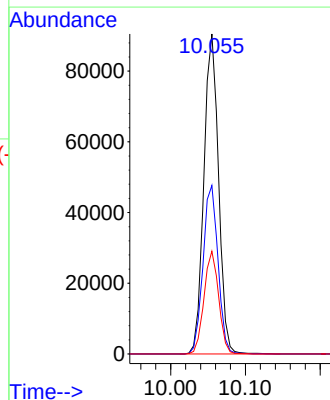
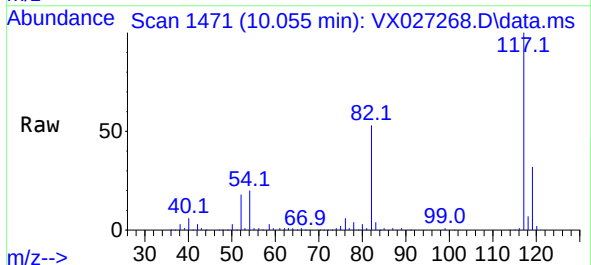
Instrument :
MSVOA_X
ClientSampleId :

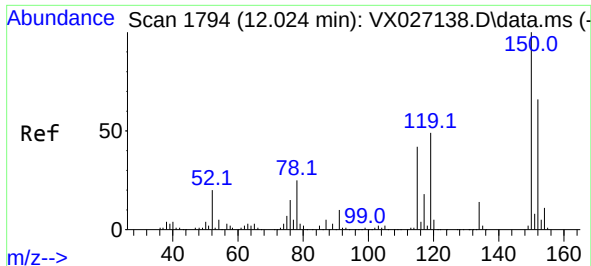
Tgt Ion: 95 Resp: 59011
Ion Ratio Lower Upper
95 100
174 81.0 0.0 148.6
176 78.5 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027268.D
Acq: 02 Mar 2022 17:27

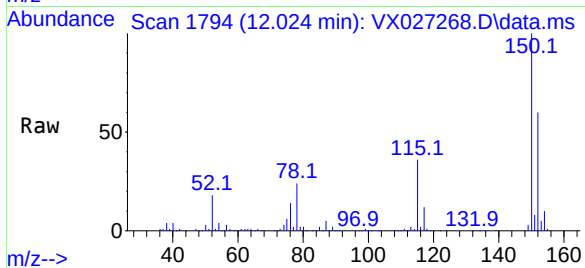
Tgt Ion: 117 Resp: 123344
Ion Ratio Lower Upper
117 100
82 52.7 45.2 67.8
119 32.1 26.2 39.2



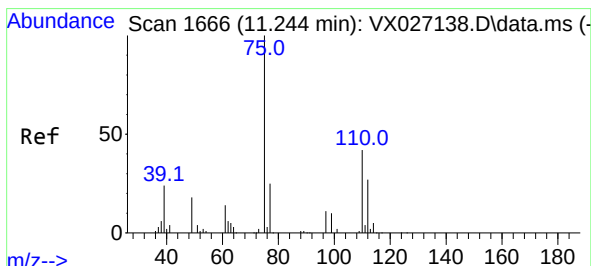
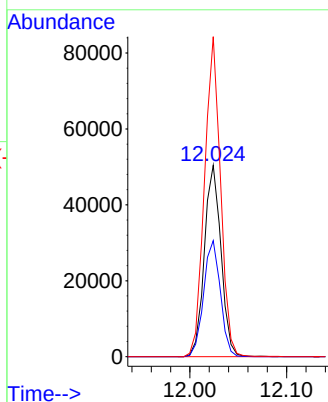
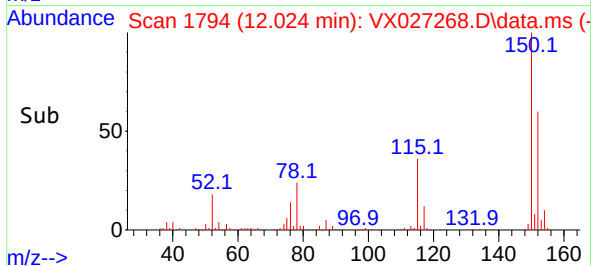


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027268.D
Acq: 02 Mar 2022 17:27

Instrument :
MSVOA_X
ClientSampleId :

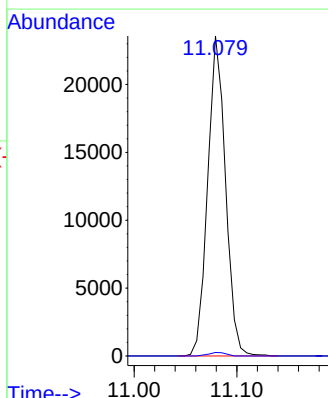
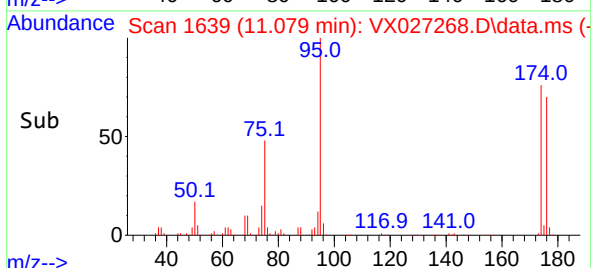
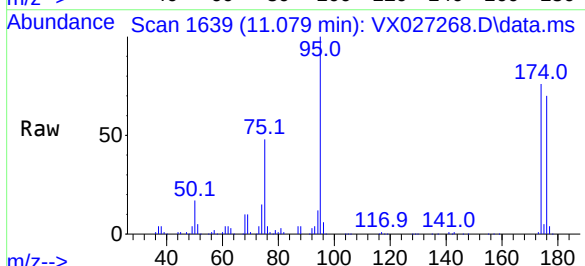


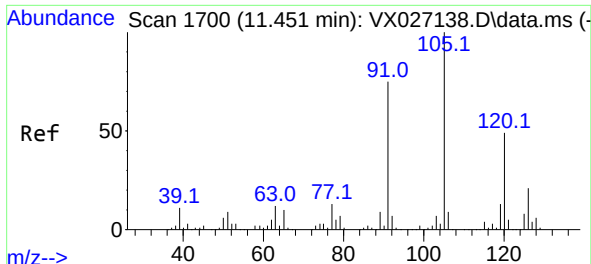
Tgt Ion:152 Resp: 60387
Ion Ratio Lower Upper
152 100
115 60.9 44.2 132.6
150 161.1 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 23.405 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027268.D
Acq: 02 Mar 2022 17:27

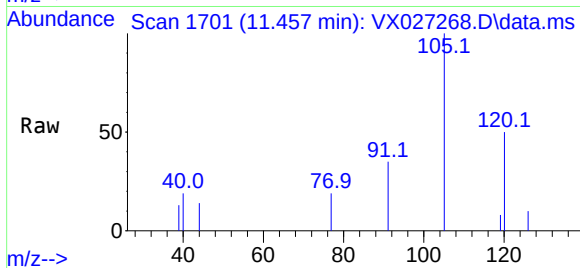
Tgt Ion: 75 Resp: 28468
Ion Ratio Lower Upper
75 100
77 1.1 18.3 54.8#



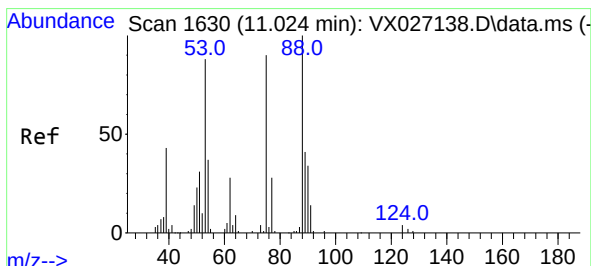
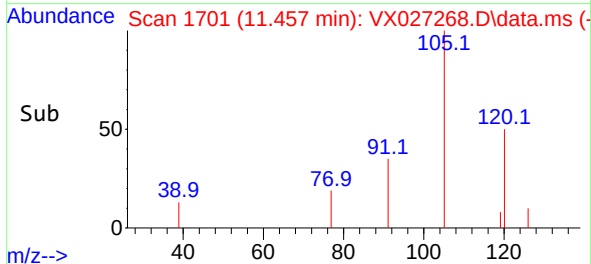
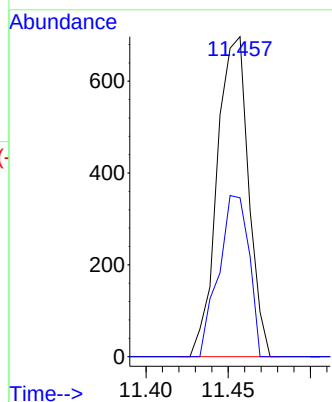


#80
1,3,5-Trimethylbenzene
Concen: 0.254 ug/l
RT: 11.457 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX027268.D
Acq: 02 Mar 2022 17:27

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:105 Resp: 923
Ion Ratio Lower Upper
105 100
120 48.5 24.0 72.0



#81
trans-1,4-Dichloro-2-butene
Concen: 66.605 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.055 min
Lab File: VX027268.D
Acq: 02 Mar 2022 17:27

Tgt Ion: 75 Resp: 28468
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

