

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030822\
 Data File : VX027343.D
 Acq On : 08 Mar 2022 19:56
 Operator : JC/MD
 Sample : N1800-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 09 00:18:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 15:54:34 2022
 Response via : Initial Calibration

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

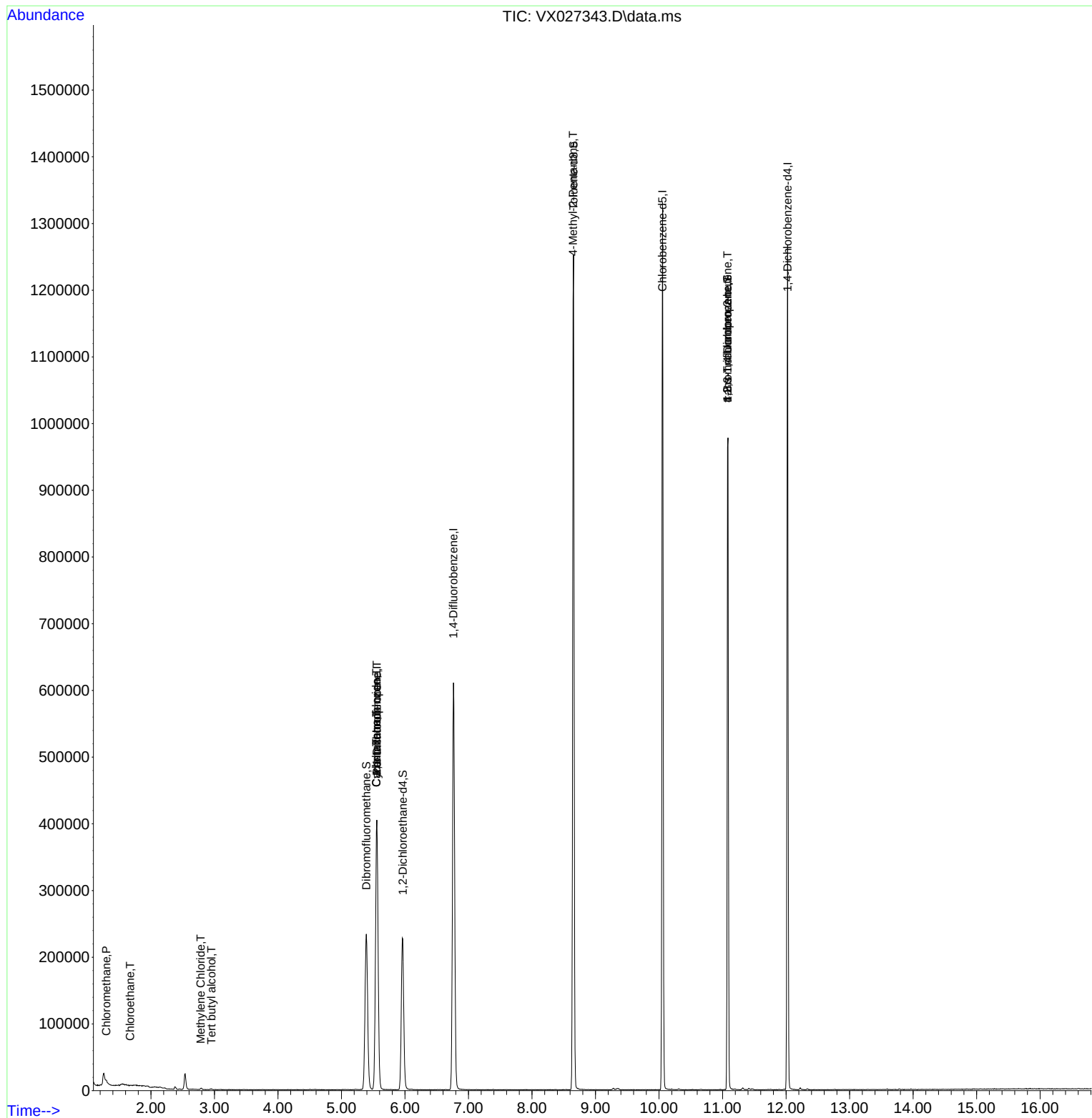
Internal Standards						
1) Pentafluorobenzene	5.556	168	403224	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	669250	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	617013	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	267957	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	219849	46.754	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.500%
35) Dibromofluoromethane	5.391	113	210222	48.680	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.360%
50) Toluene-d8	8.653	98	790191	48.469	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.940%
62) 4-Bromofluorobenzene	11.079	95	279214	44.936	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	89.880%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	1011	0.233	ug/l	91
5) Bromomethane	1.605	94	604	Below Cal	#	34
6) Chloroethane	1.672	64	229	0.536	ug/l #	45
11) Tert butyl alcohol	2.953	59	543	0.589	ug/l #	72
16) Acetone	2.380	43	4485	Below Cal		92
20) Methylene Chloride	2.782	84	1025	0.223	ug/l #	78
31) Cyclohexane	5.550	56	6357	0.967	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	27908	4.655	ug/l #	49
38) Carbon Tetrachloride	5.550	117	39650	6.395	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	2649	0.415	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	128811	21.910	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	128811	70.860	ug/l #	15

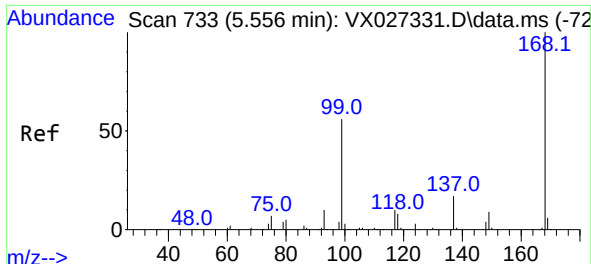
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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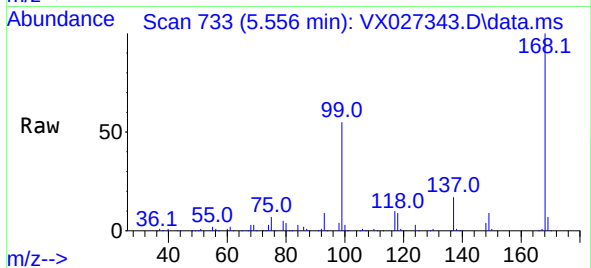
Quant Time: Mar 09 00:18:34 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 08 15:54:34 2022
Response via : Initial Calibration



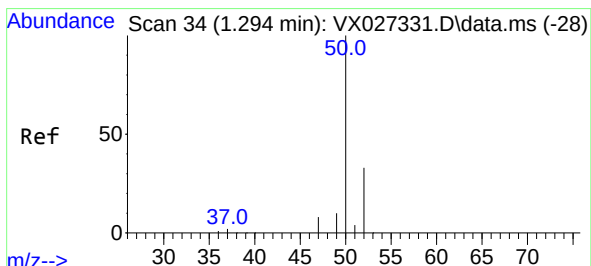
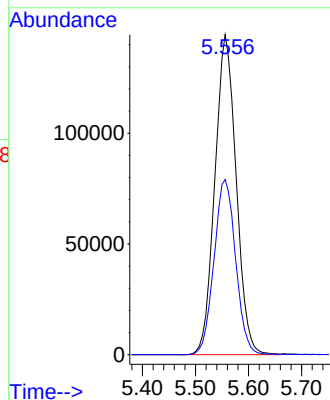
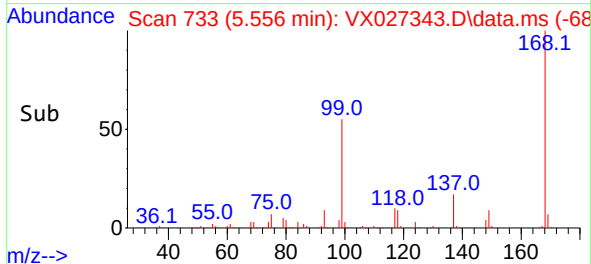


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027343.D
Acq: 08 Mar 2022 19:56

Instrument :
MSVOA_X
ClientSampleId :

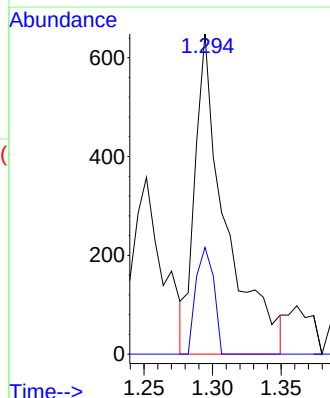
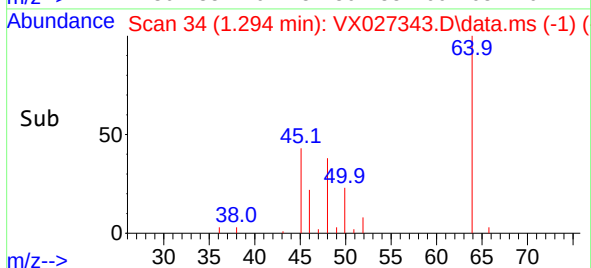
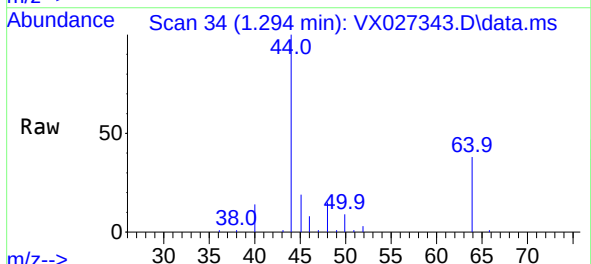


Tgt Ion:168 Resp: 403224
Ion Ratio Lower Upper
168 100
99 54.8 41.7 62.5

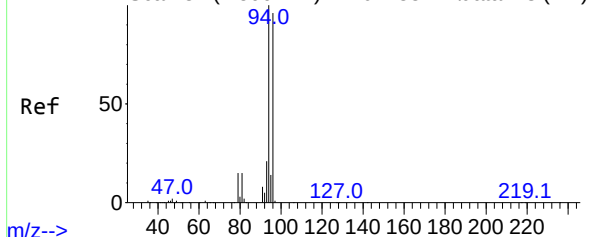


#3
Chloromethane
Concen: 0.233 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX027343.D
Acq: 08 Mar 2022 19:56

Tgt Ion: 50 Resp: 1011
Ion Ratio Lower Upper
50 100
52 38.0 26.4 39.6



Abundance Scan 84 (1.599 min): VX027331.D\data.ms (-74)



#5

Bromomethane

Concen: Below Cal

RT: 1.605 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX027343.D

Acq: 08 Mar 2022 19:56

Instrument :

MSVOA_X

ClientSampleId :

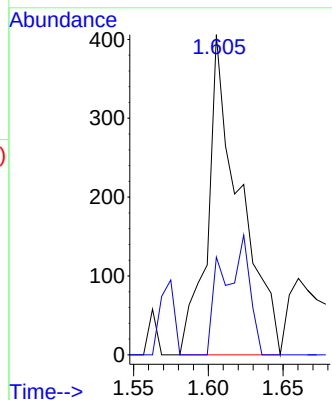
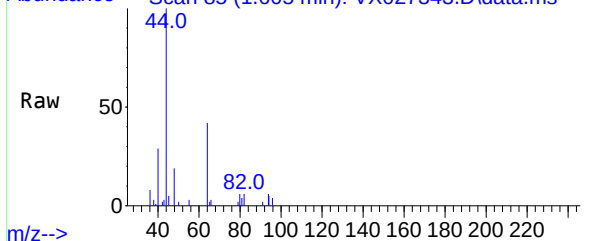
Tgt Ion: 94 Resp: 604

Ion Ratio Lower Upper

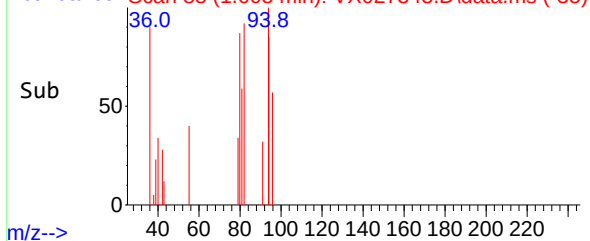
94 100

96 30.5 75.3 112.9#

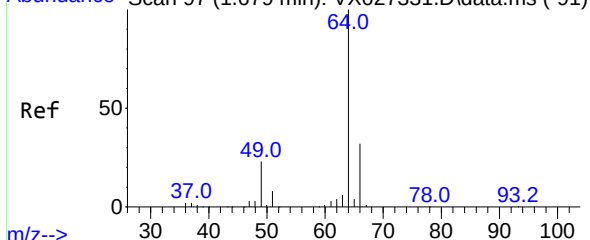
Abundance Scan 85 (1.605 min): VX027343.D\data.ms



Abundance Scan 85 (1.605 min): VX027343.D\data.ms (-35)



Abundance Scan 97 (1.679 min): VX027331.D\data.ms (-91)



#6

Chloroethane

Concen: 0.536 ug/l

RT: 1.672 min Scan# 96

Delta R.T. -0.007 min

Lab File: VX027343.D

Acq: 08 Mar 2022 19:56

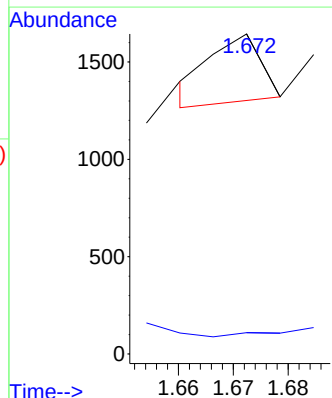
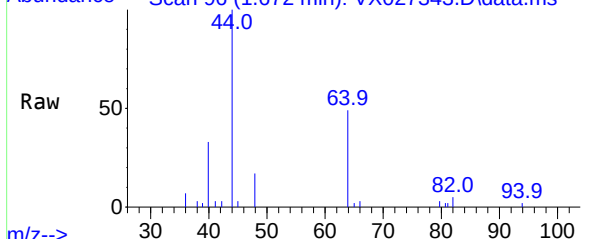
Tgt Ion: 64 Resp: 229

Ion Ratio Lower Upper

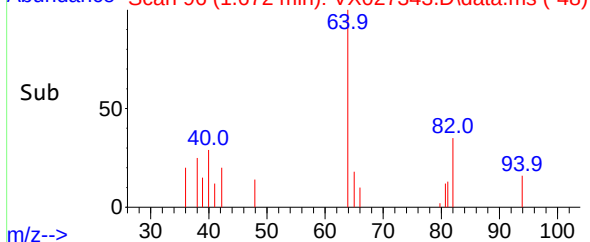
64 100

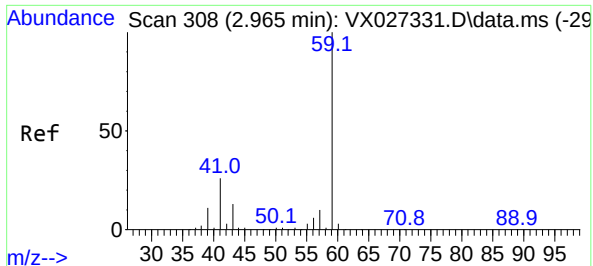
66 0.9 25.3 37.9#

Abundance Scan 96 (1.672 min): VX027343.D\data.ms



Abundance Scan 96 (1.672 min): VX027343.D\data.ms (-48)

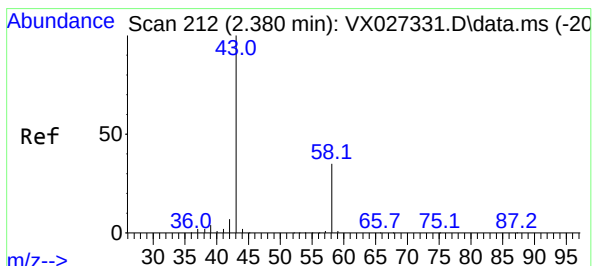
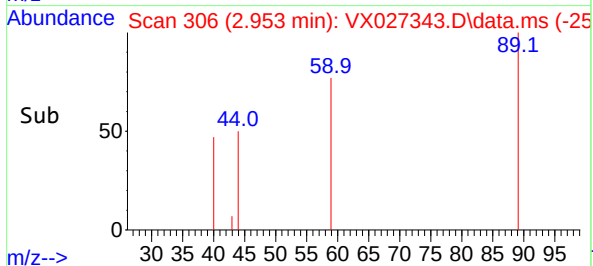
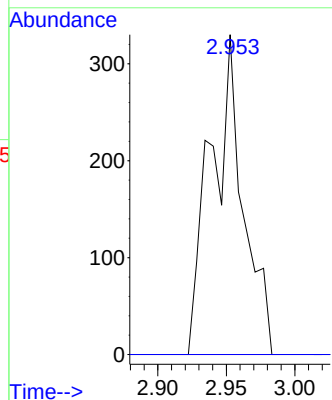
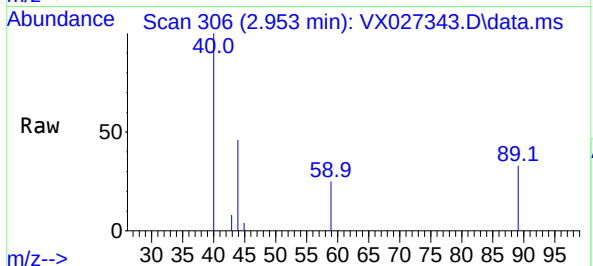




#11
Tert butyl alcohol
Concen: 0.589 ug/l
RT: 2.953 min Scan# 30
Delta R.T. -0.012 min
Lab File: VX027343.D
Acq: 08 Mar 2022 19:56

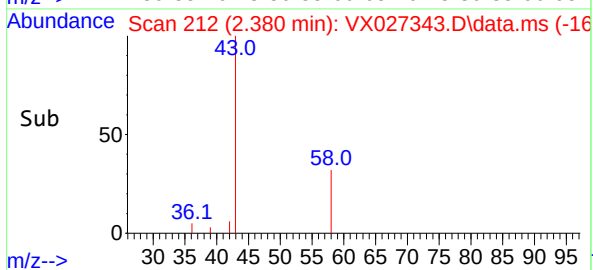
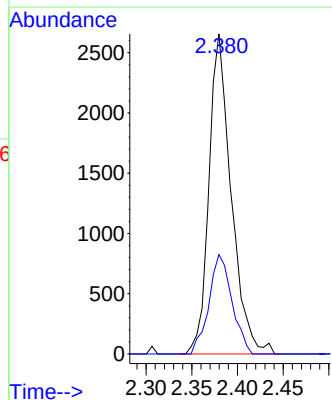
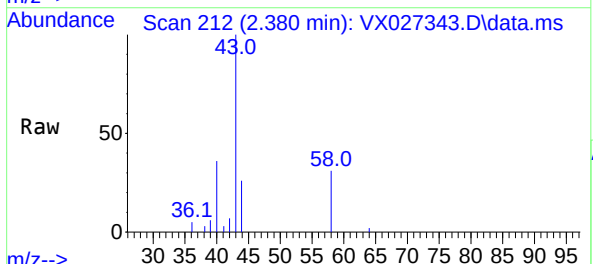
Instrument :
MSVOA_X
ClientSampleId :

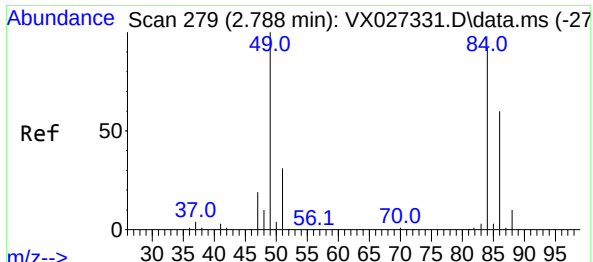
Tgt Ion: 59 Resp: 543
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: Below Cal
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX027343.D
Acq: 08 Mar 2022 19:56

Tgt Ion: 43 Resp: 4485
Ion Ratio Lower Upper
43 100
58 31.1 28.8 43.2





#20

Methylene Chloride

Concen: 0.223 ug/l

RT: 2.782 min Scan# 21

Delta R.T. -0.006 min

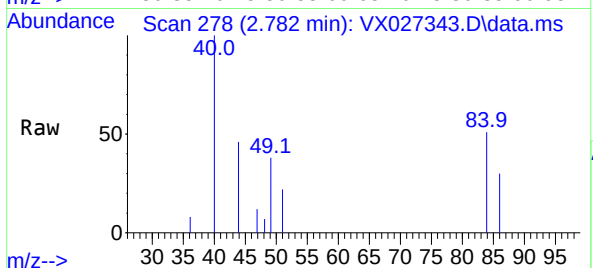
Lab File: VX027343.D

Acq: 08 Mar 2022 19:56

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 1025

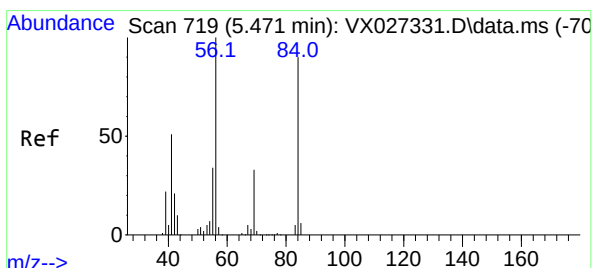
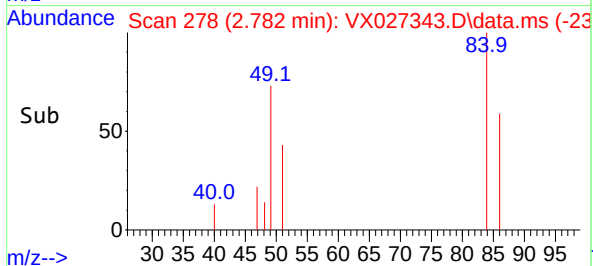
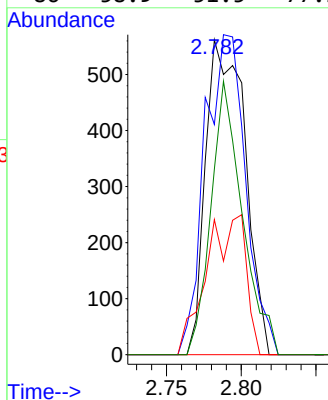
Ion Ratio Lower Upper

84 100

49 73.1 85.5 128.3#

51 42.9 26.6 39.8#

86 58.9 51.5 77.3



#31

Cyclohexane

Concen: 0.967 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX027343.D

Acq: 08 Mar 2022 19:56

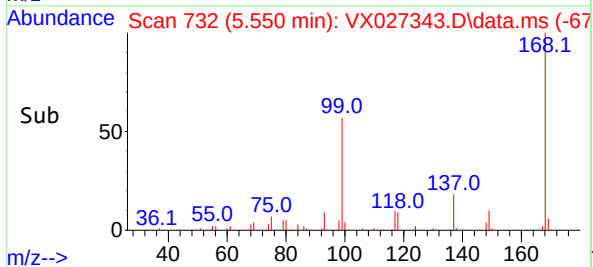
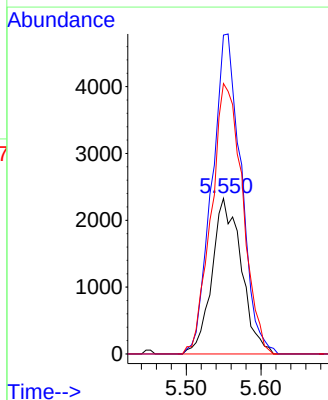
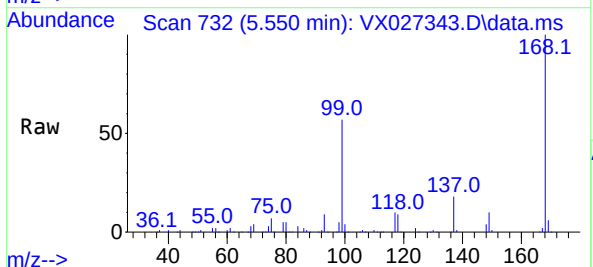
Tgt Ion: 56 Resp: 6357

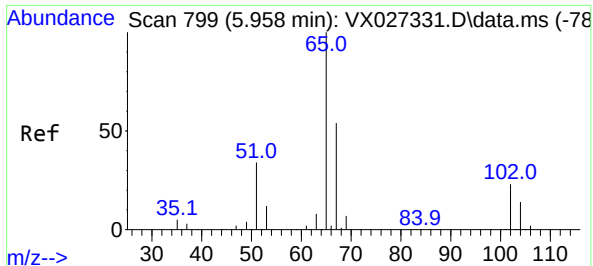
Ion Ratio Lower Upper

56 100

69 205.0 26.7 40.1#

84 173.8 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 46.754 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX027343.D

Acq: 08 Mar 2022 19:56

Instrument :

MSVOA_X

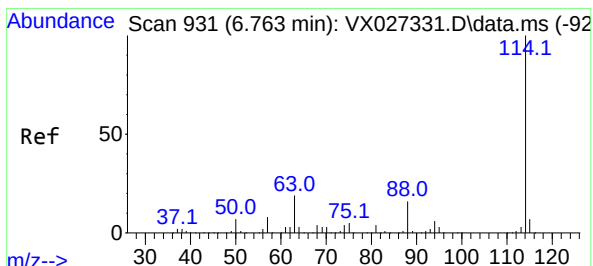
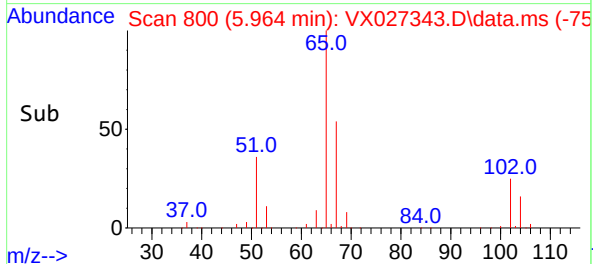
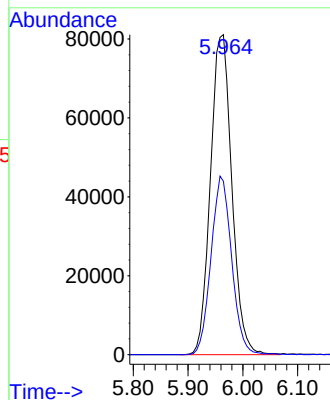
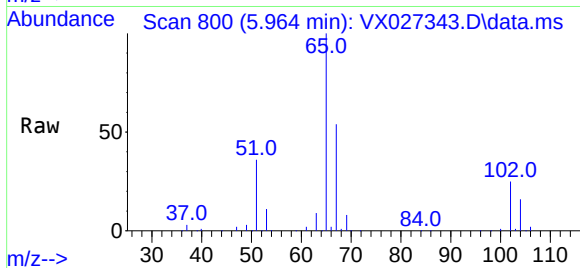
ClientSampleId :

Tgt Ion: 65 Resp: 219849

Ion Ratio Lower Upper

65 100

67 53.9 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX027343.D

Acq: 08 Mar 2022 19:56

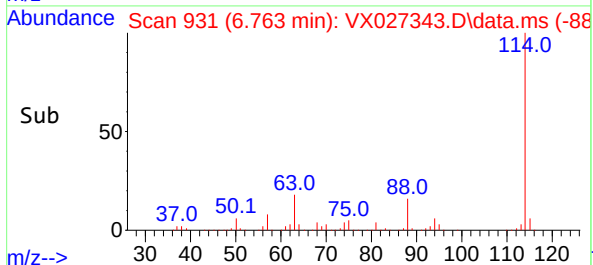
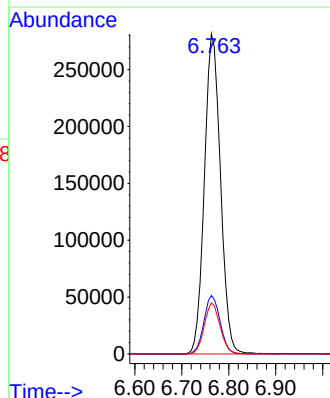
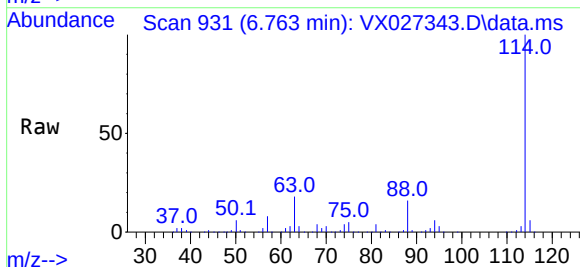
Tgt Ion: 114 Resp: 669250

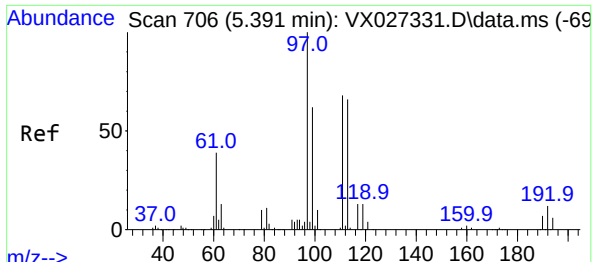
Ion Ratio Lower Upper

114 100

63 18.3 0.0 36.8

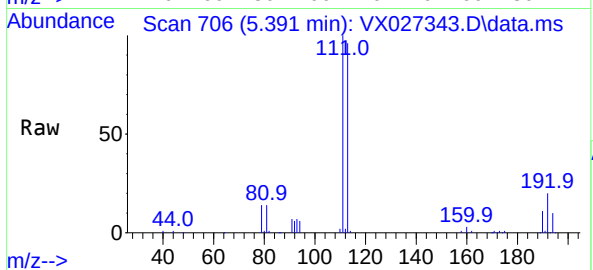
88 15.9 0.0 32.4



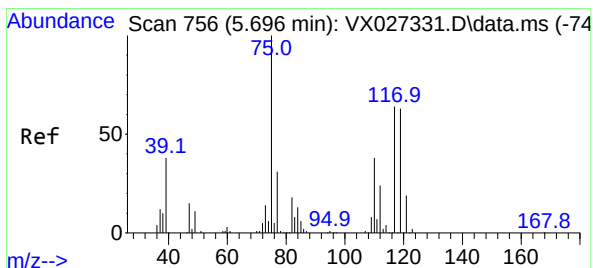
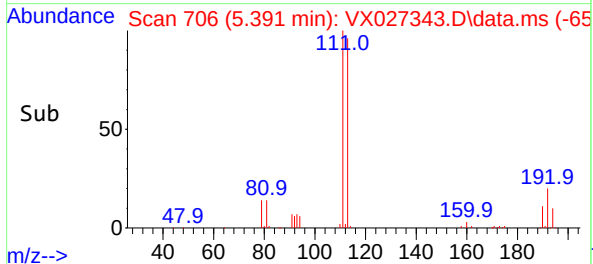
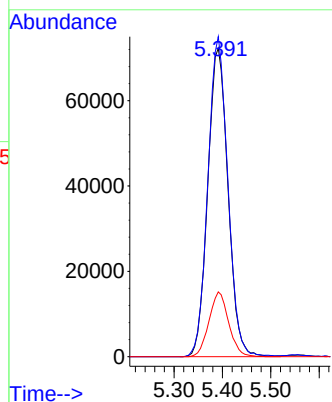


#35
Dibromofluoromethane
Concen: 48.680 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027343.D
Acq: 08 Mar 2022 19:56

Instrument :
MSVOA_X
ClientSampleId :

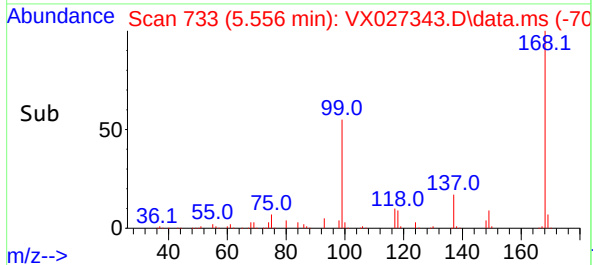
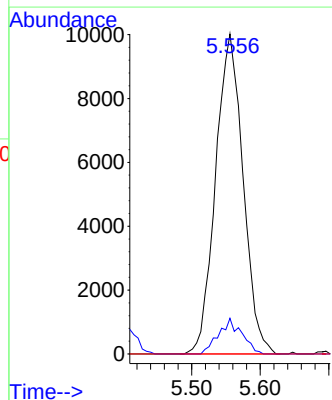
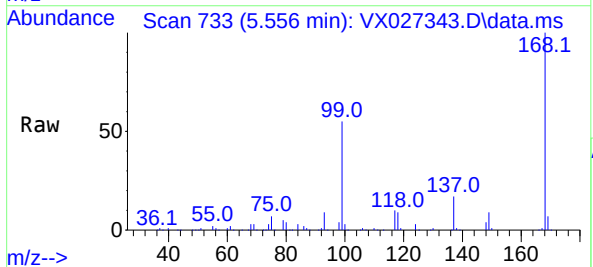


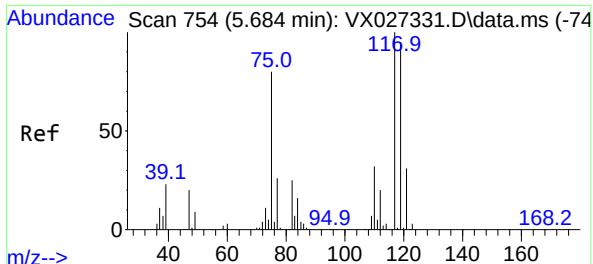
Tgt Ion:113 Resp: 210222
Ion Ratio Lower Upper
113 100
111 102.4 82.8 124.2
192 20.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.655 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX027343.D
Acq: 08 Mar 2022 19:56

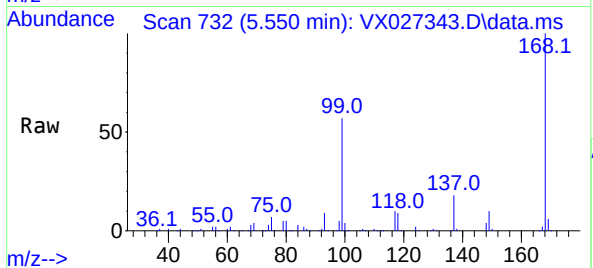
Tgt Ion: 75 Resp: 27908
Ion Ratio Lower Upper
75 100
110 9.4 18.3 54.8#
77 0.0 24.8 37.2#



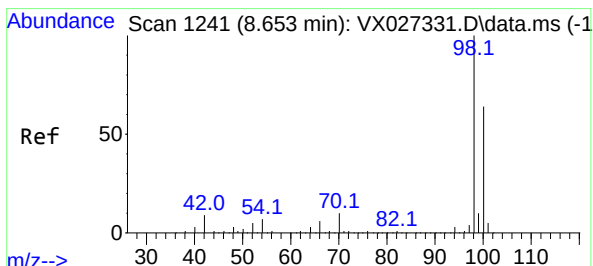
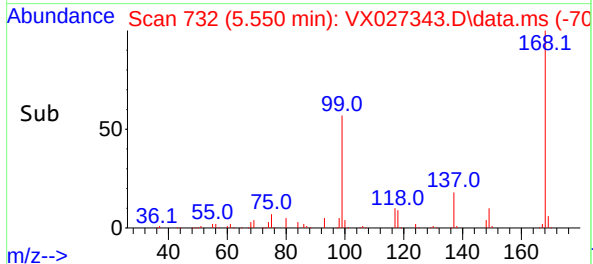
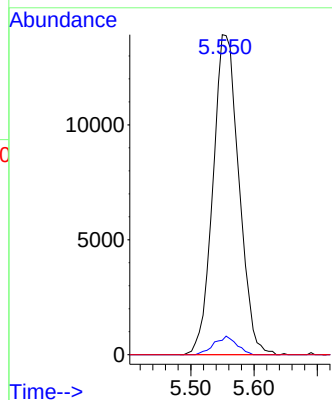


#38
Carbon Tetrachloride
Concen: 6.395 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX027343.D
Acq: 08 Mar 2022 19:56

Instrument :
MSVOA_X
ClientSampleId :

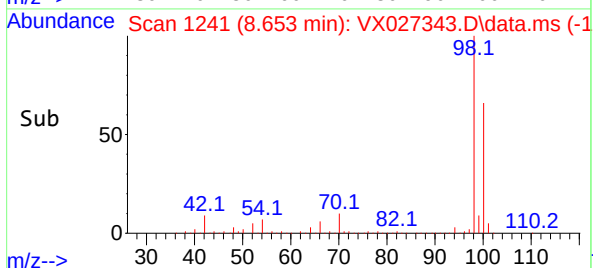
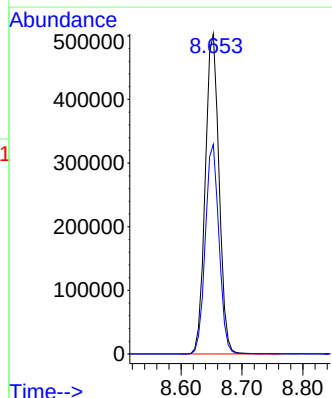
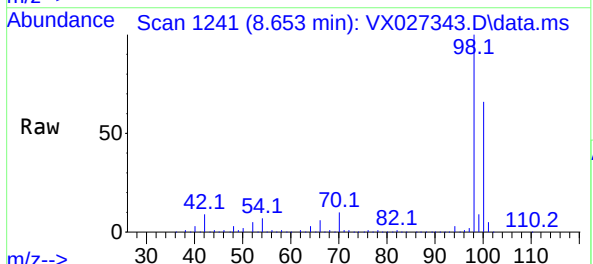


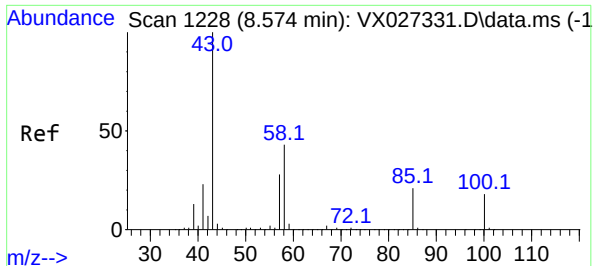
Tgt Ion:117 Resp: 39650
Ion Ratio Lower Upper
117 100
119 4.5 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 48.469 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027343.D
Acq: 08 Mar 2022 19:56

Tgt Ion: 98 Resp: 790191
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8

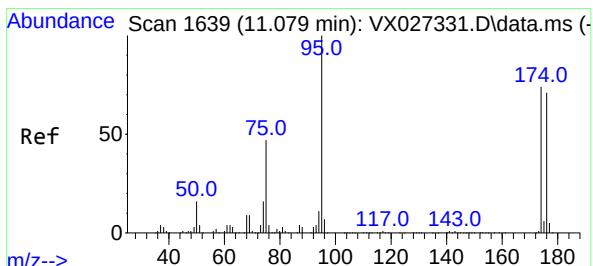
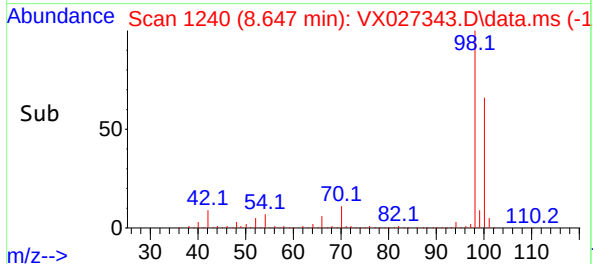
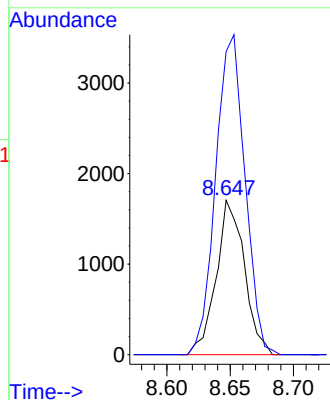
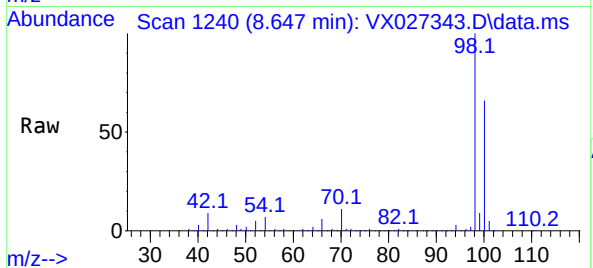




#51
4-Methyl-2-Pentanone
Concen: 0.415 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX027343.D
Acq: 08 Mar 2022 19:56

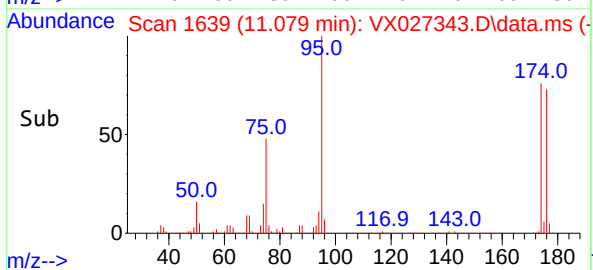
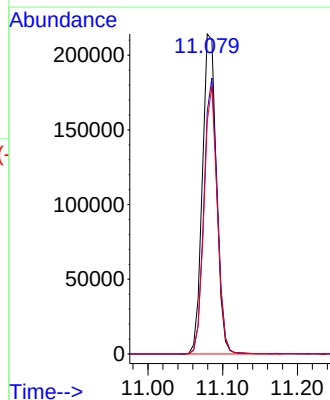
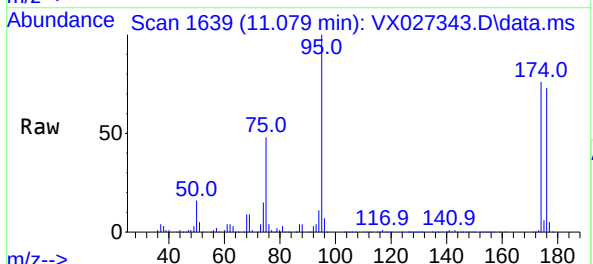
Instrument :
MSVOA_X
ClientSampleId :

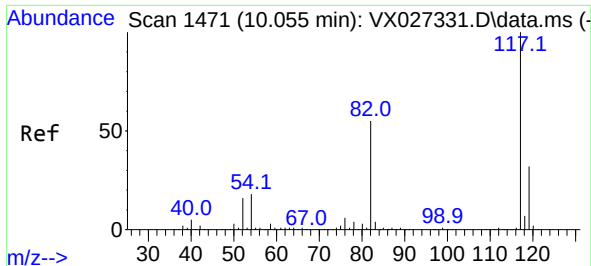
Tgt Ion: 43 Resp: 2649
Ion Ratio Lower Upper
43 100
58 214.9 36.1 54.1#



#62
4-Bromofluorobenzene
Concen: 44.936 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX027343.D
Acq: 08 Mar 2022 19:56

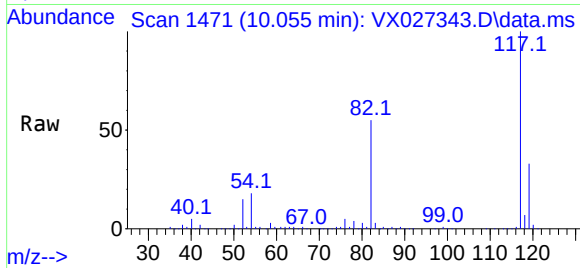
Tgt Ion: 95 Resp: 279214
Ion Ratio Lower Upper
95 100
174 82.9 0.0 163.0
176 79.5 0.0 155.0



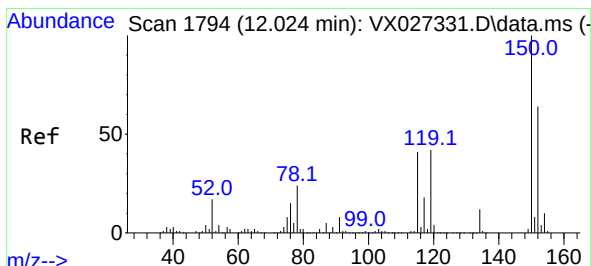
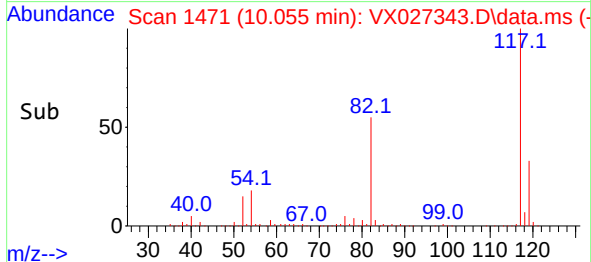
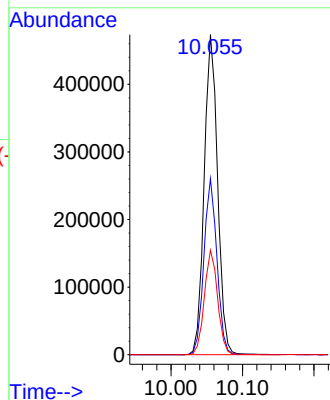


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027343.D
Acq: 08 Mar 2022 19:56

Instrument :
MSVOA_X
ClientSampleId :

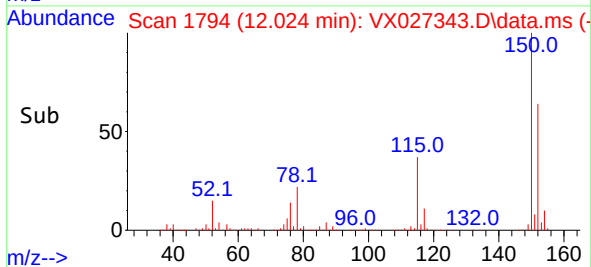
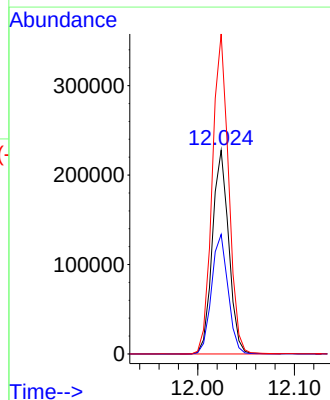
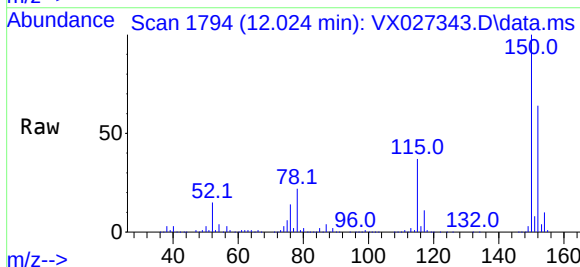


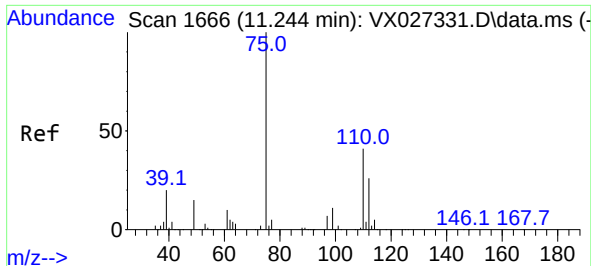
Tgt Ion:117 Resp: 617013
Ion Ratio Lower Upper
117 100
82 55.0 41.8 62.8
119 32.6 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027343.D
Acq: 08 Mar 2022 19:56

Tgt Ion:152 Resp: 267957
Ion Ratio Lower Upper
152 100
115 59.1 37.5 112.7
150 157.3 0.0 338.2

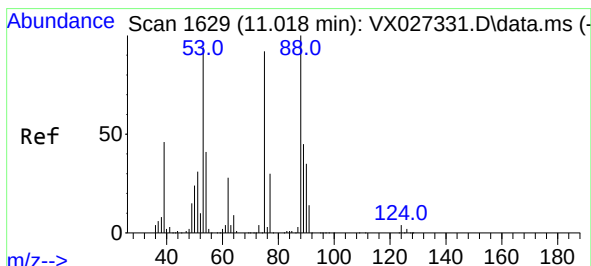
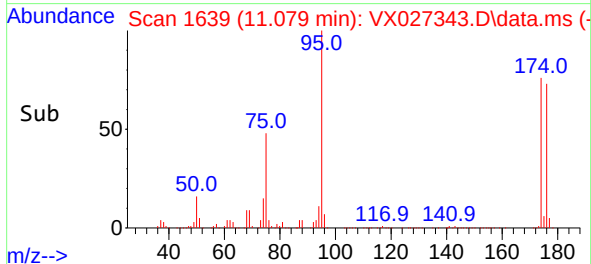
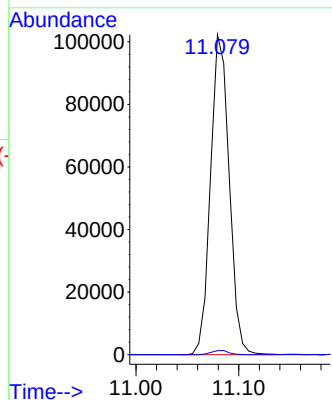
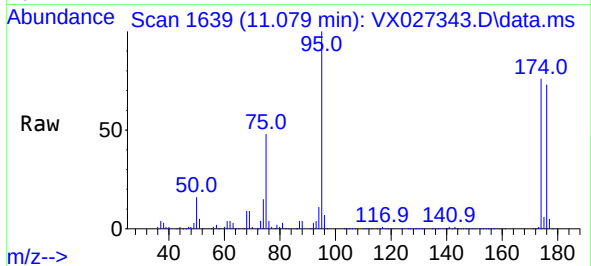




#76
1,2,3-Trichloropropane
Concen: 21.910 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027343.D
Acq: 08 Mar 2022 19:56

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 128811
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.860 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027343.D
Acq: 08 Mar 2022 19:56

Tgt Ion: 75 Resp: 128811
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

