

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031022\
 Data File : VX027375.D
 Acq On : 10 Mar 2022 14:21
 Operator : JC/MD
 Sample : N1797-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

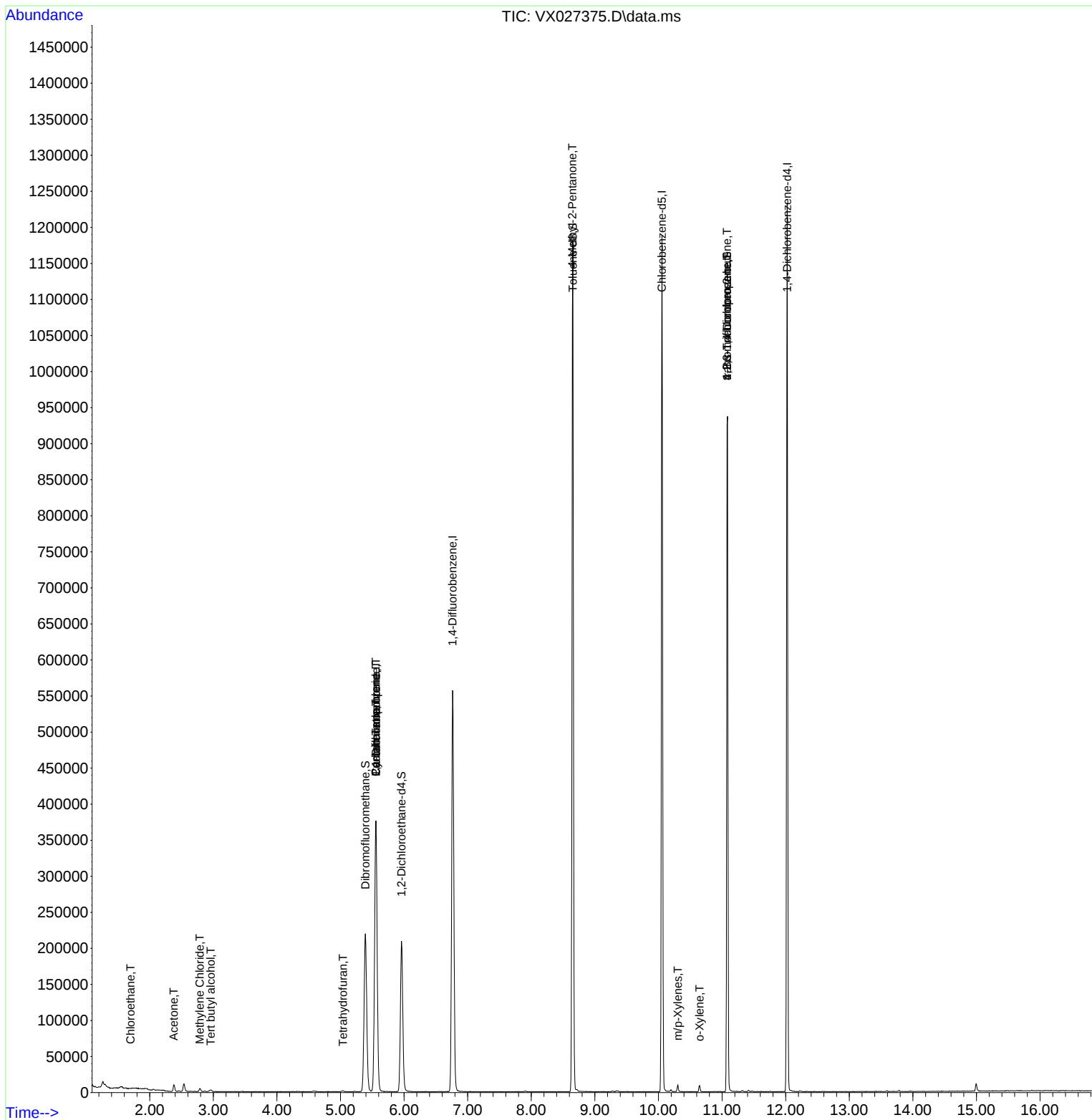
Quant Time: Mar 11 00:45:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 15:54:34 2022
 Response via : Initial Calibration

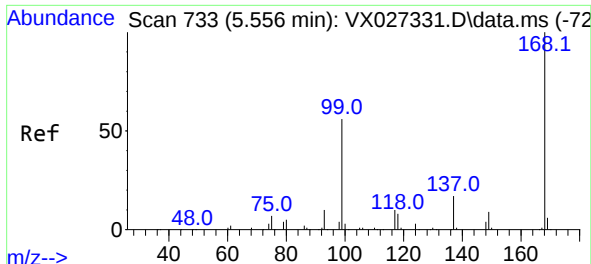
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	382242	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	620177	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	576106	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	270281	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	197571	44.323	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	88.640%
35) Dibromofluoromethane	5.391	113	196207	49.030	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.060%
50) Toluene-d8	8.653	98	728203	48.201	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.400%
62) 4-Bromofluorobenzene	11.079	95	266979	46.366	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.740%
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	515	Below Cal		94
6) Chloroethane	1.697	64	685	0.703 ug/l	#	43
11) Tert butyl alcohol	2.959	59	2424	2.774 ug/l	#	89
16) Acetone	2.380	43	9826	2.832 ug/l		100
20) Methylene Chloride	2.788	84	2327	0.534 ug/l		88
29) Tetrahydrofuran	5.038	42	1076	0.530 ug/l	#	68
31) Cyclohexane	5.556	56	5966	0.957 ug/l	#	1
36) 1,1-Dichloropropene	5.556	75	24741	4.453 ug/l	#	50
38) Carbon Tetrachloride	5.556	117	35920	6.252 ug/l	#	16
51) 4-Methyl-2-Pentanone	8.647	43	2327	0.394 ug/l	#	1
68) m/p-Xylenes	10.305	106	2263	0.276 ug/l		99
69) o-Xylene	10.646	106	2310	0.285 ug/l		99
76) 1,2,3-Trichloropropane	11.079	75	120846	20.379 ug/l	#	38
81) trans-1,4-Dichloro-2-b...	11.079	75	120846	65.906 ug/l	#	15

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

Quant Time: Mar 11 00:45:49 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

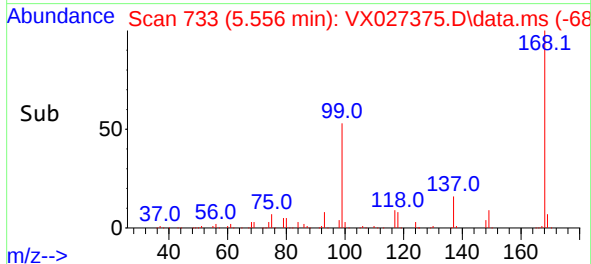
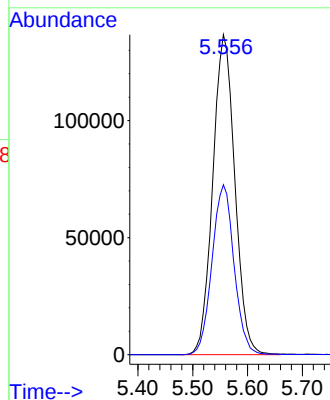
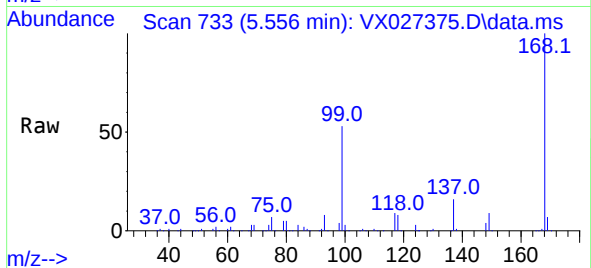




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027375.D
Acq: 10 Mar 2022 14:21

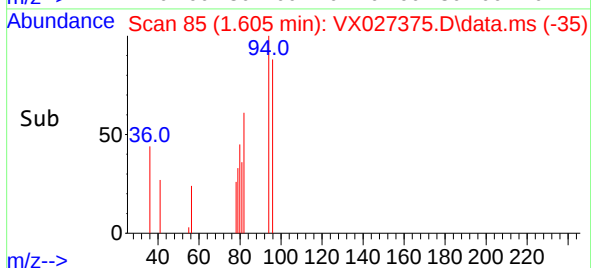
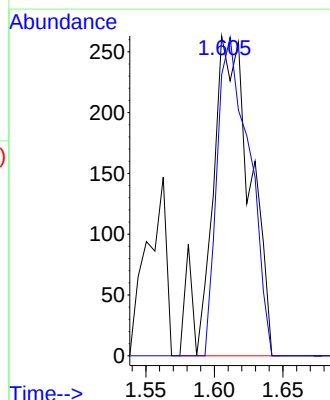
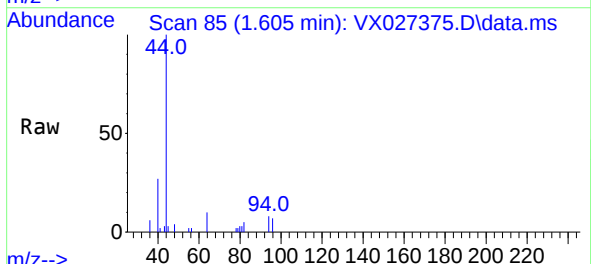
Instrument :
MSVOA_X
ClientSampleId :

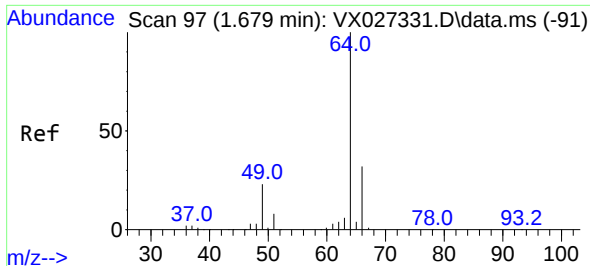
Tgt Ion:168 Resp: 382242
Ion Ratio Lower Upper
168 100
99 53.1 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX027375.D
Acq: 10 Mar 2022 14:21

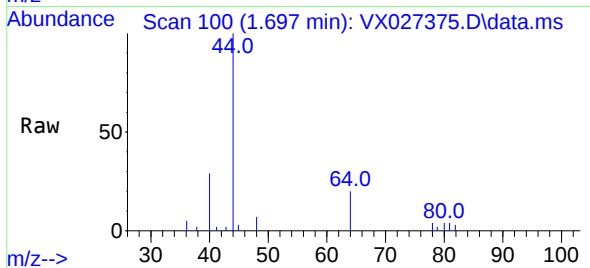
Tgt Ion: 94 Resp: 515
Ion Ratio Lower Upper
94 100
96 87.8 75.3 112.9



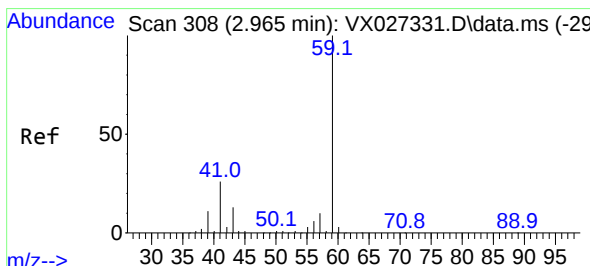
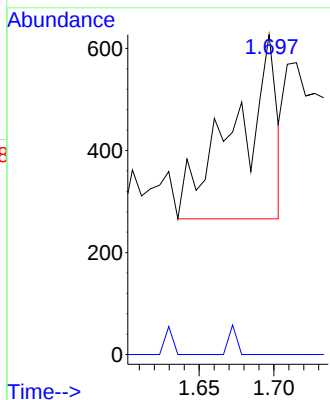
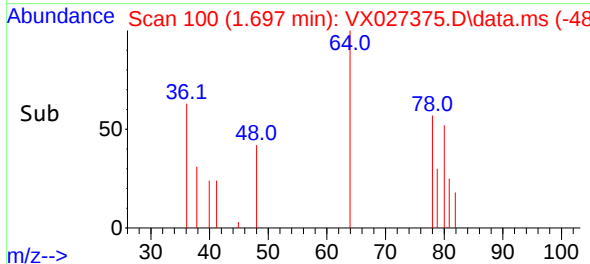


#6
Chloroethane
Concen: 0.703 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.018 min
Lab File: VX027375.D
Acq: 10 Mar 2022 14:21

Instrument :
MSVOA_X
ClientSampleId :

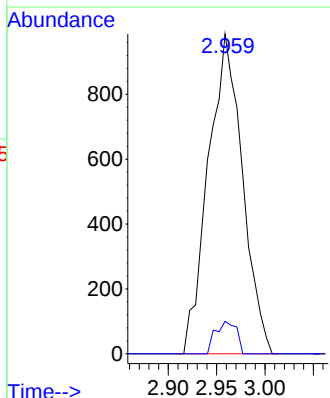
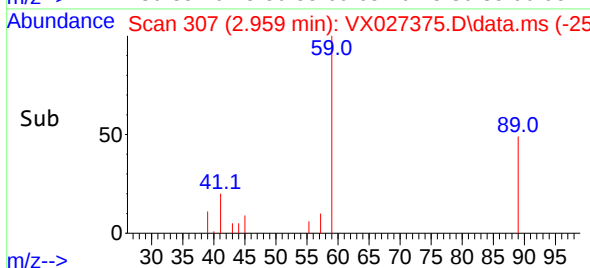
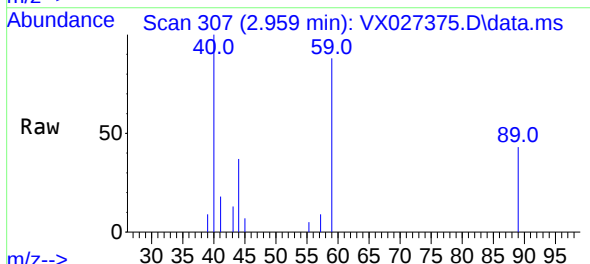


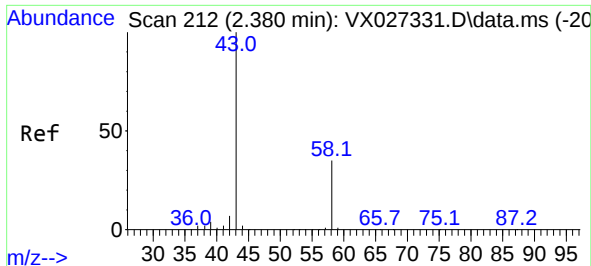
Tgt Ion: 64 Resp: 685
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#11
Tert butyl alcohol
Concen: 2.774 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX027375.D
Acq: 10 Mar 2022 14:21

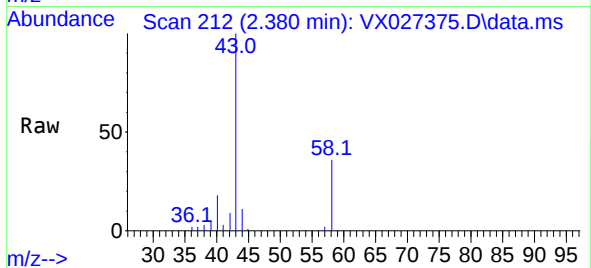
Tgt Ion: 59 Resp: 2424
Ion Ratio Lower Upper
59 100
57 6.2 8.3 12.5#



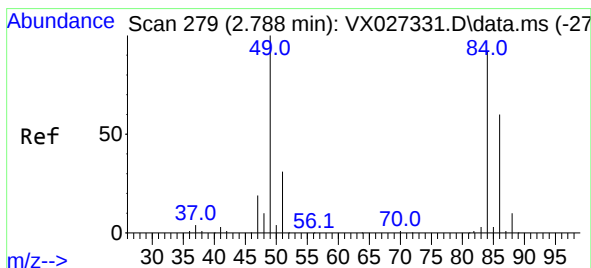
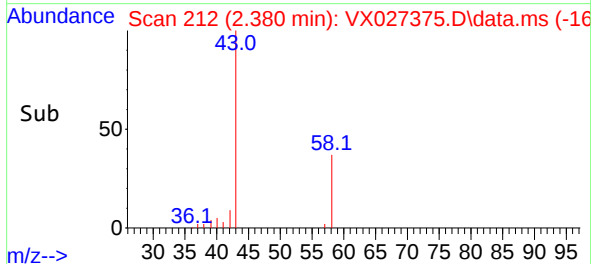
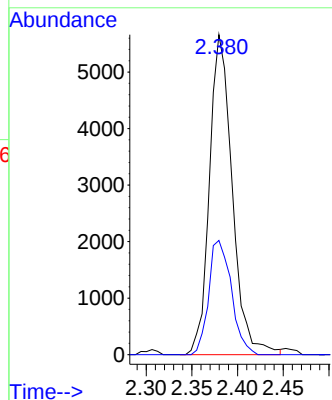


#16
Acetone
Concen: 2.832 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX027375.D
Acq: 10 Mar 2022 14:21

Instrument :
MSVOA_X
ClientSampleId :

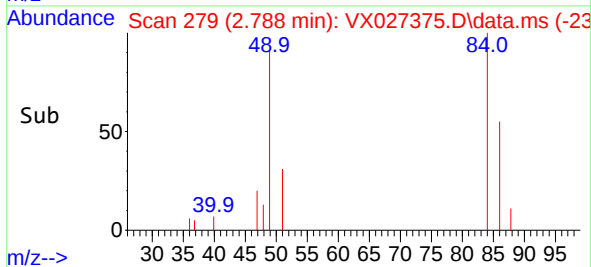
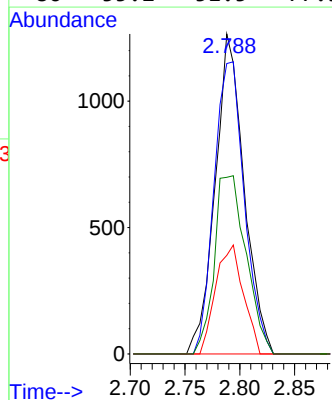
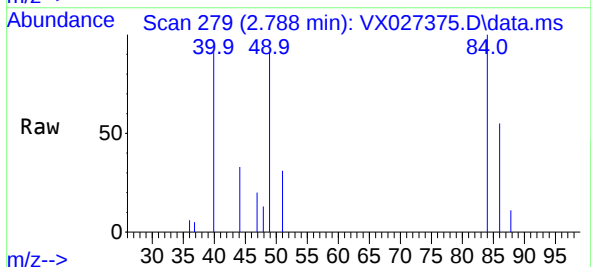


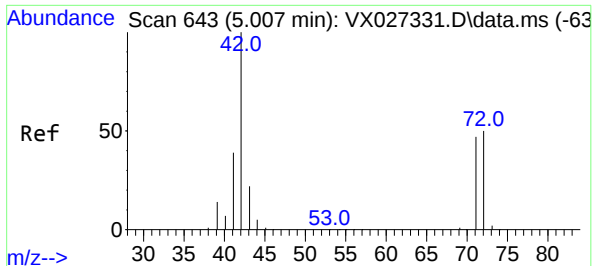
Tgt Ion: 43 Resp: 9826
Ion Ratio Lower Upper
43 100
58 35.7 28.8 43.2



#20
Methylene Chloride
Concen: 0.534 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX027375.D
Acq: 10 Mar 2022 14:21

Tgt Ion: 84 Resp: 2327
Ion Ratio Lower Upper
84 100
49 90.8 85.5 128.3
51 30.8 26.6 39.8
86 55.2 51.5 77.3





#29

Tetrahydrofuran

Concen: 0.530 ug/l

RT: 5.038 min Scan# 64

Delta R.T. 0.031 min

Lab File: VX027375.D

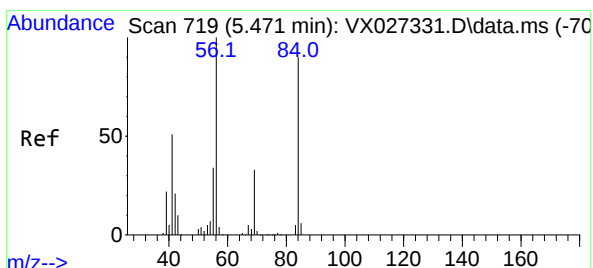
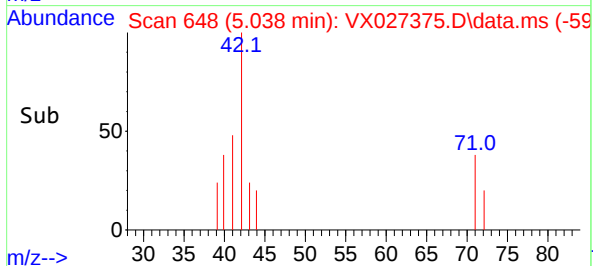
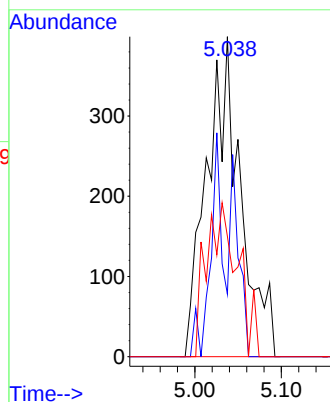
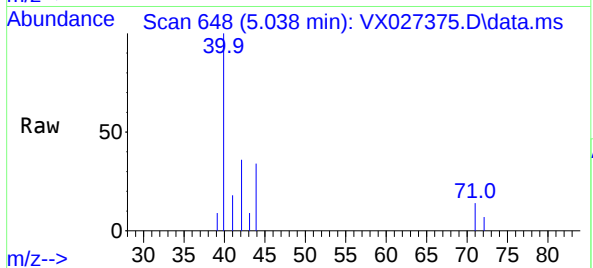
Acq: 10 Mar 2022 14:21

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	42	Resp:	1076
Ion	Ratio	Lower	Upper
42	100		
72	16.2	44.1	66.1#
71	44.9	40.5	60.7



#31

Cyclohexane

Concen: 0.957 ug/l

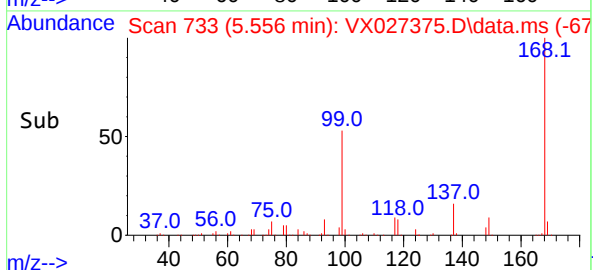
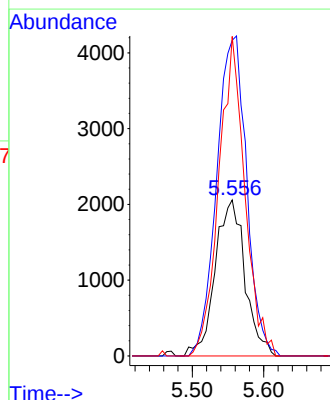
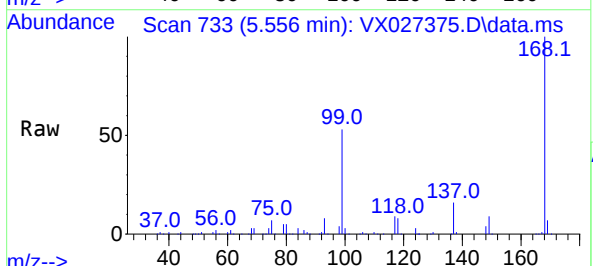
RT: 5.556 min Scan# 733

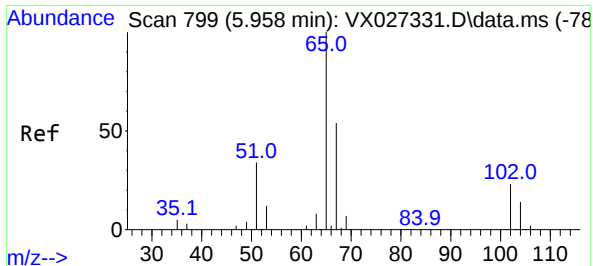
Delta R.T. 0.085 min

Lab File: VX027375.D

Acq: 10 Mar 2022 14:21

Tgt Ion:	56	Resp:	5966
Ion	Ratio	Lower	Upper
56	100		
69	202.4	26.7	40.1#
84	204.8	77.2	115.8#





#33

1,2-Dichloroethane-d4

Concen: 44.323 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027375.D

Acq: 10 Mar 2022 14:21

Instrument :

MSVOA_X

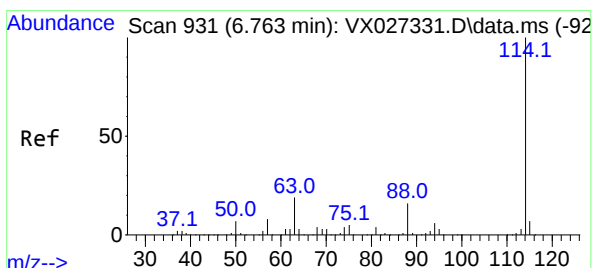
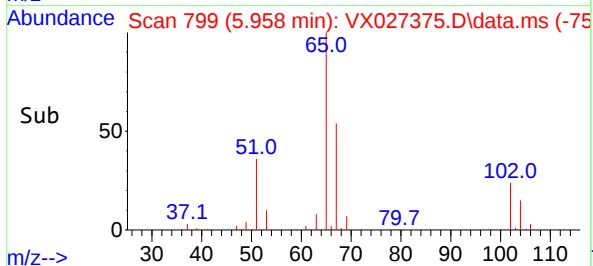
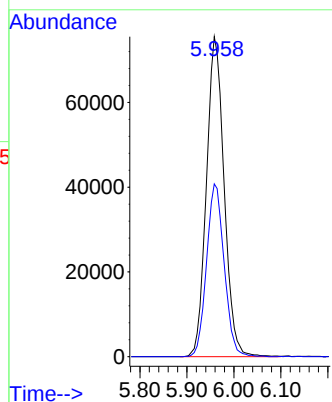
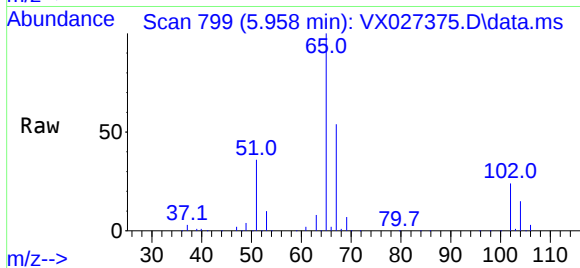
ClientSampleId :

Tgt Ion: 65 Resp: 197571

Ion Ratio Lower Upper

65 100

67 53.6 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: VX027375.D

Acq: 10 Mar 2022 14:21

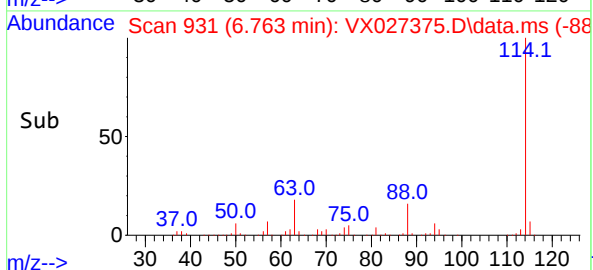
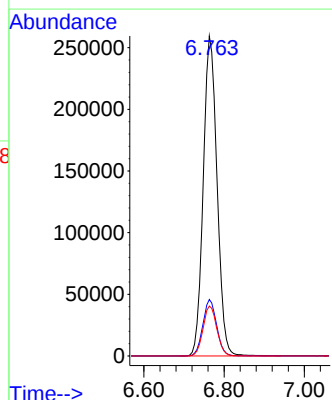
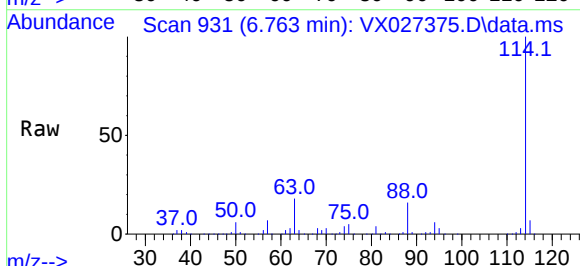
Tgt Ion: 114 Resp: 620177

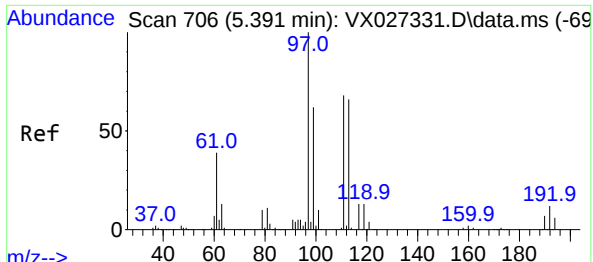
Ion Ratio Lower Upper

114 100

63 17.7 0.0 36.8

88 15.6 0.0 32.4





#35

Dibromofluoromethane

Concen: 49.030 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

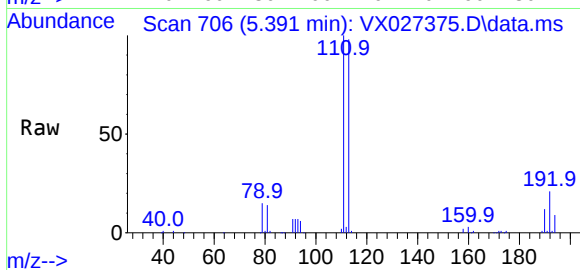
Lab File: VX027375.D

Acq: 10 Mar 2022 14:21

Instrument :

MSVOA_X

ClientSampleId :



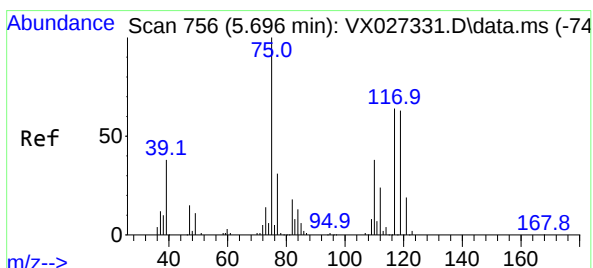
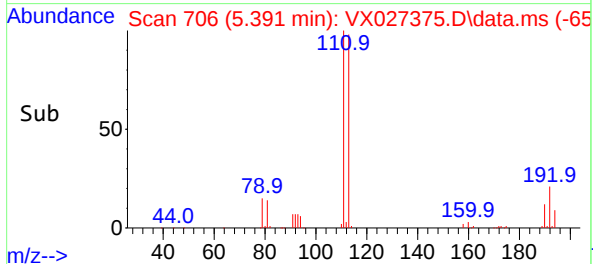
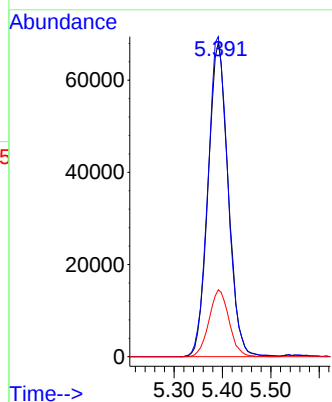
Tgt Ion:113 Resp: 196207

Ion Ratio Lower Upper

113 100

111 101.9 82.8 124.2

192 21.3 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.453 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX027375.D

Acq: 10 Mar 2022 14:21

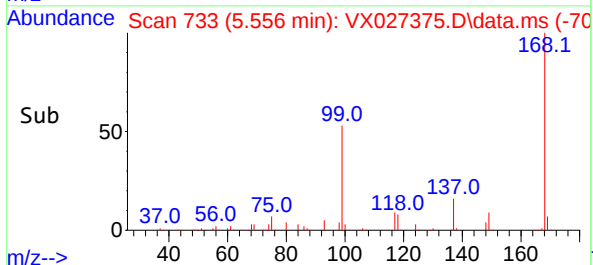
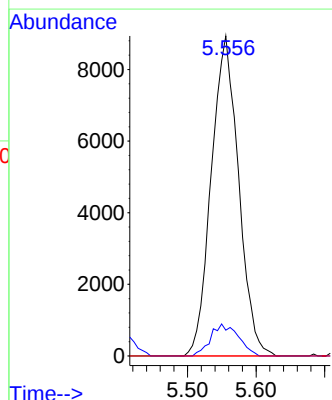
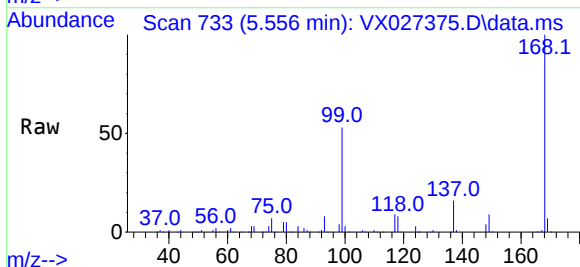
Tgt Ion: 75 Resp: 24741

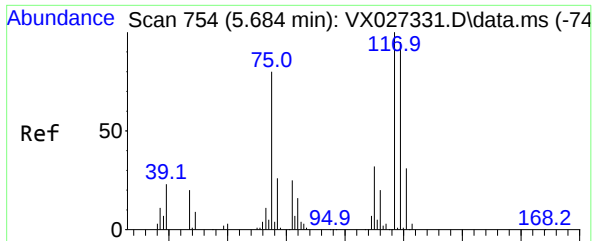
Ion Ratio Lower Upper

75 100

110 10.2 18.3 54.8#

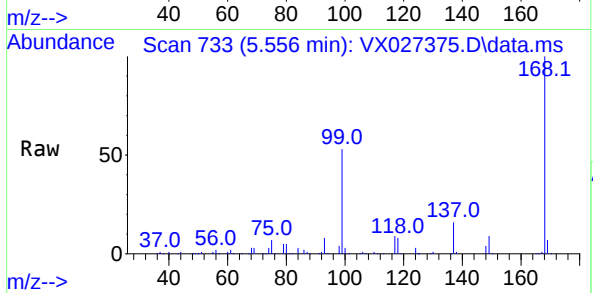
77 0.0 24.8 37.2#



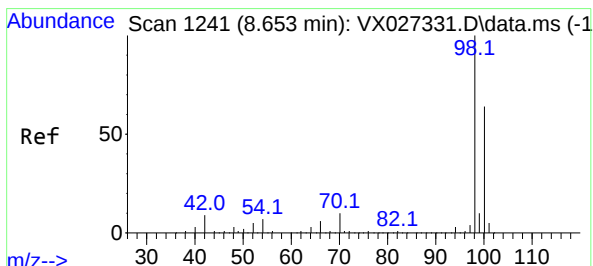
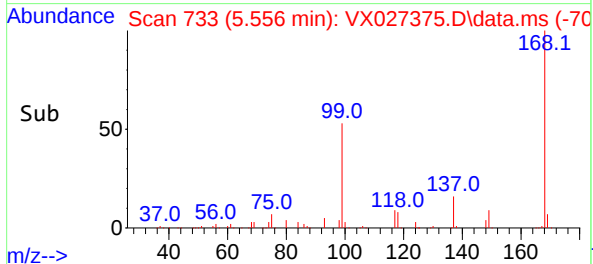
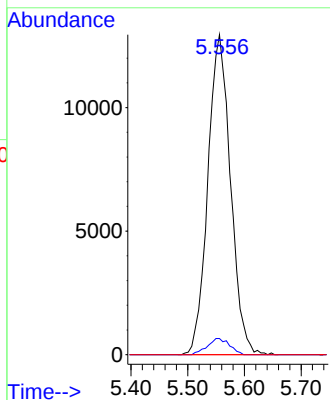


#38
Carbon Tetrachloride
Concen: 6.252 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX027375.D
Acq: 10 Mar 2022 14:21

Instrument :
MSVOA_X
ClientSampleId :

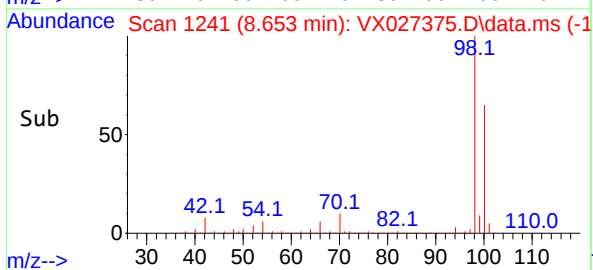
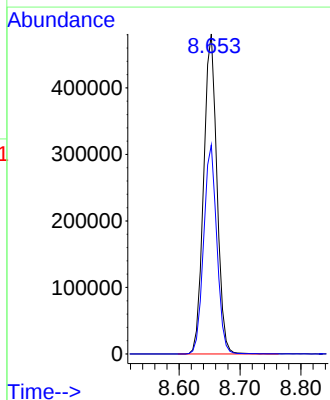
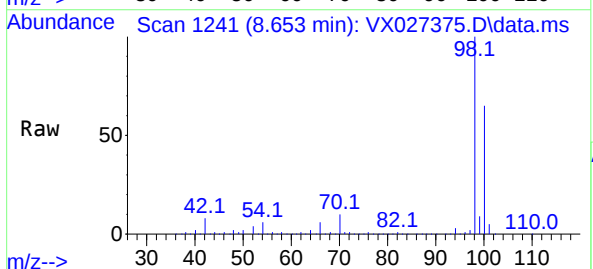


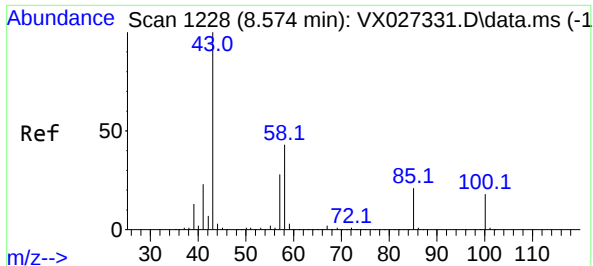
Tgt Ion:117 Resp: 35920
Ion Ratio Lower Upper
117 100
119 5.1 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 48.201 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027375.D
Acq: 10 Mar 2022 14:21

Tgt Ion: 98 Resp: 728203
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 0.394 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX027375.D

Acq: 10 Mar 2022 14:21

Instrument :

MSVOA_X

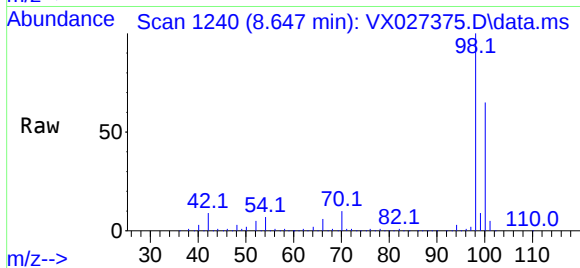
ClientSampleId :

Tgt Ion: 43 Resp: 2327

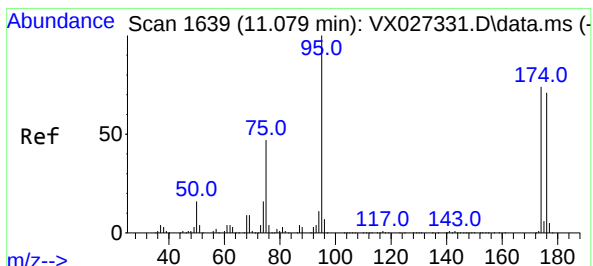
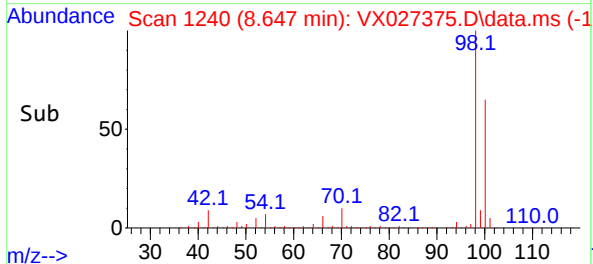
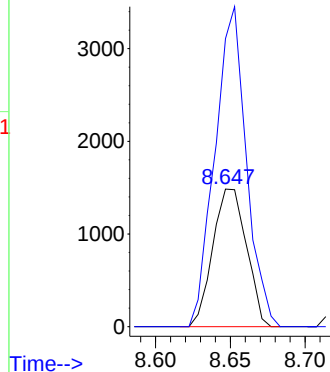
Ion Ratio Lower Upper

43 100

58 216.7 36.1 54.1#



Abundance



#62

4-Bromofluorobenzene

Concen: 46.366 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX027375.D

Acq: 10 Mar 2022 14:21

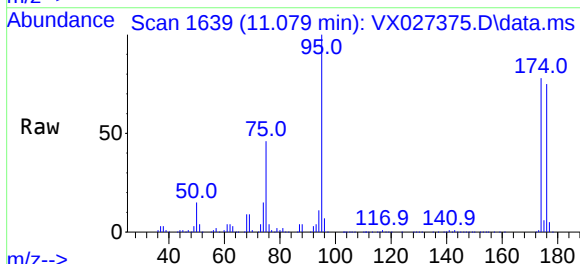
Tgt Ion: 95 Resp: 266979

Ion Ratio Lower Upper

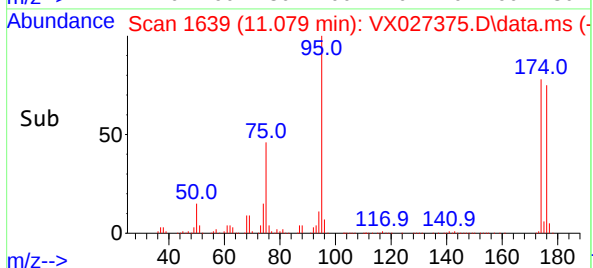
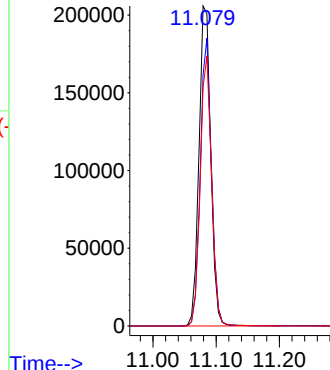
95 100

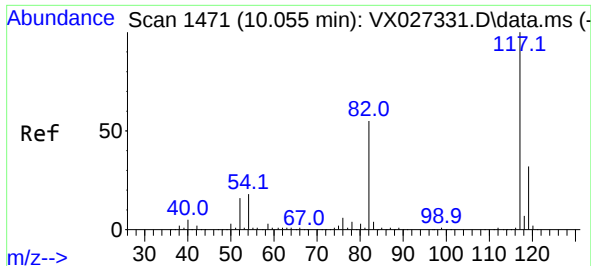
174 85.6 0.0 163.0

176 81.8 0.0 155.0



Abundance

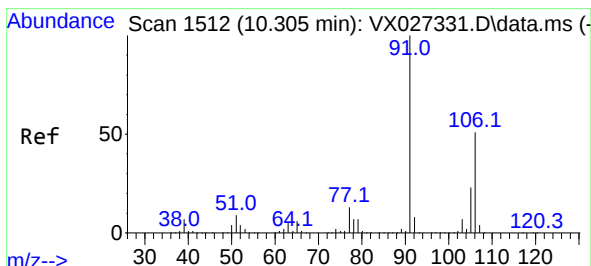
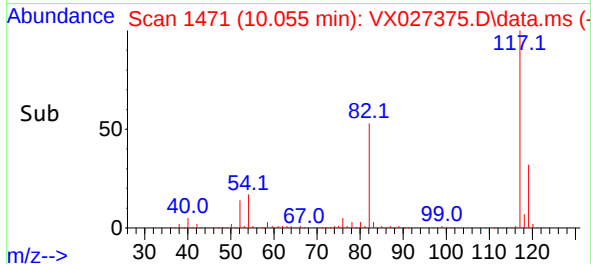
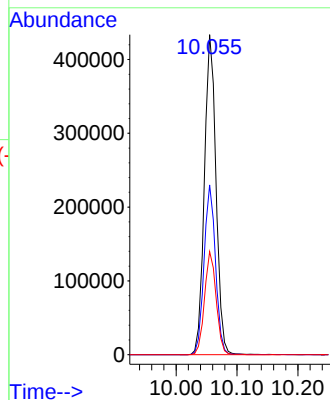
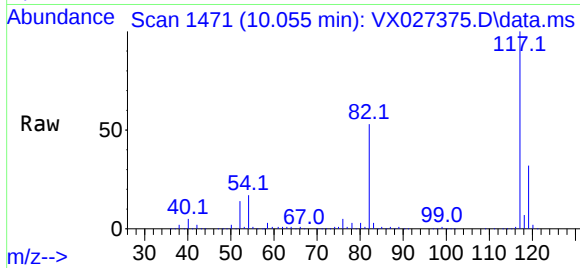




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027375.D
Acq: 10 Mar 2022 14:21

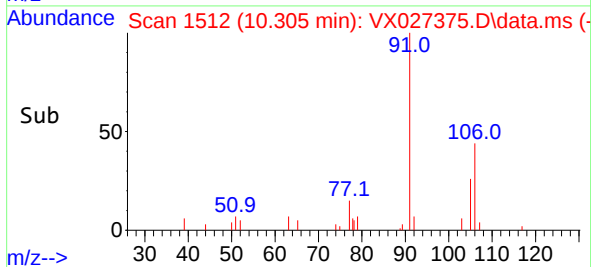
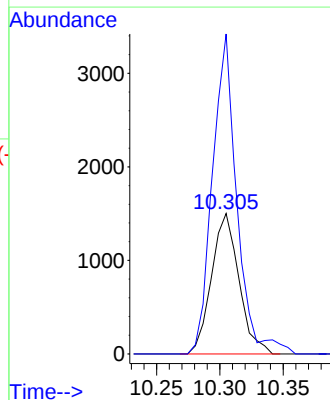
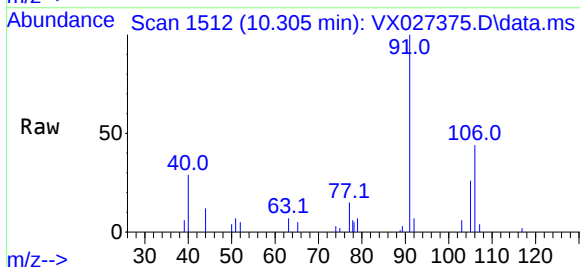
Instrument :
MSVOA_X
ClientSampleId :

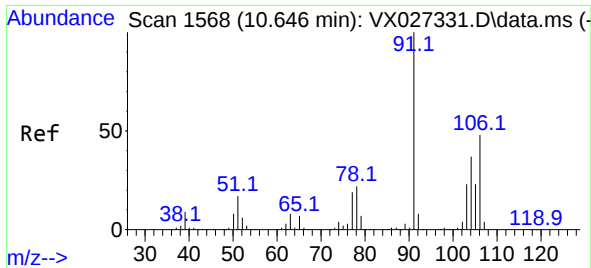
Tgt Ion:117 Resp: 576106
Ion Ratio Lower Upper
117 100
82 53.1 41.8 62.8
119 32.2 24.8 37.2



#68
m/p-Xylenes
Concen: 0.276 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX027375.D
Acq: 10 Mar 2022 14:21

Tgt Ion:106 Resp: 2263
Ion Ratio Lower Upper
106 100
91 202.5 160.4 240.6

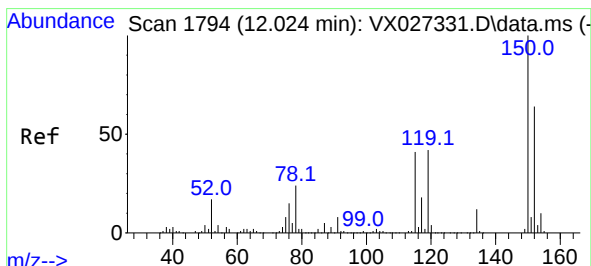
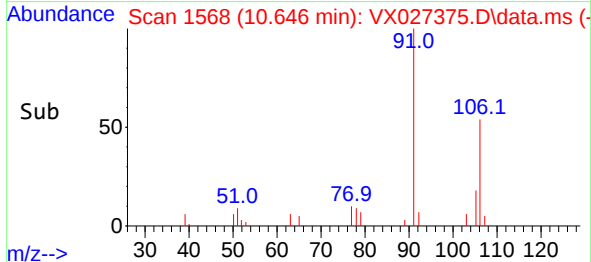
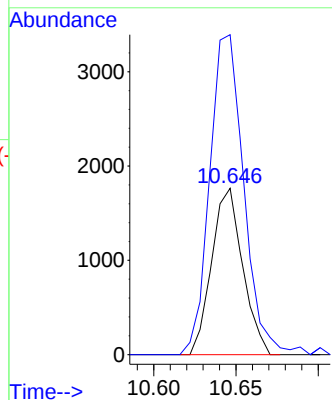
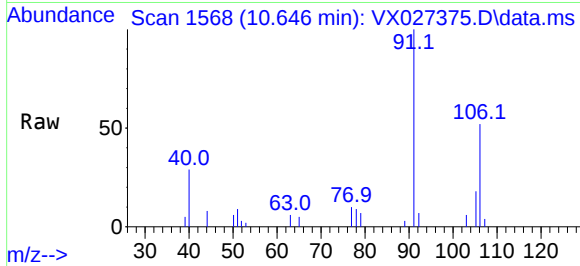




#69
o-Xylene
Concen: 0.285 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027375.D
Acq: 10 Mar 2022 14:21

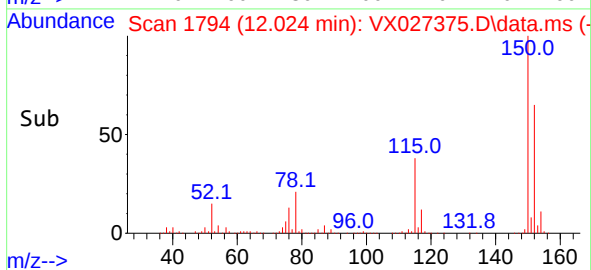
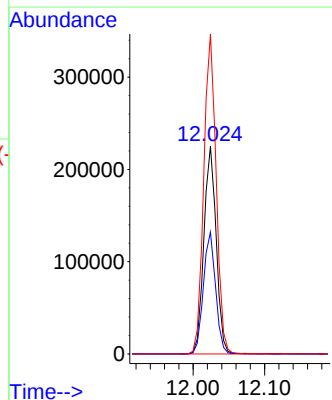
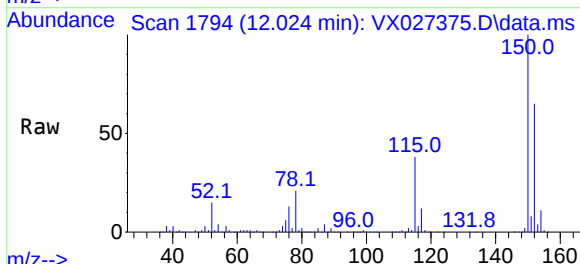
Instrument :
MSVOA_X
ClientSampleId :

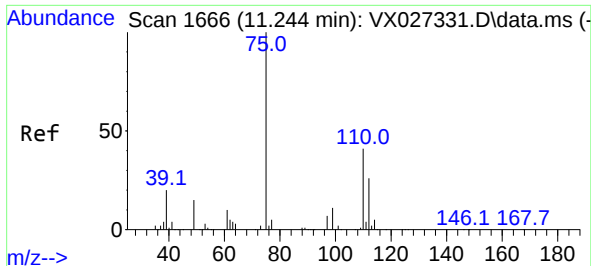
Tgt Ion:106 Resp: 2310
Ion Ratio Lower Upper
106 100
91 213.7 106.1 318.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027375.D
Acq: 10 Mar 2022 14:21

Tgt Ion:152 Resp: 270281
Ion Ratio Lower Upper
152 100
115 58.2 37.5 112.7
150 154.9 0.0 338.2

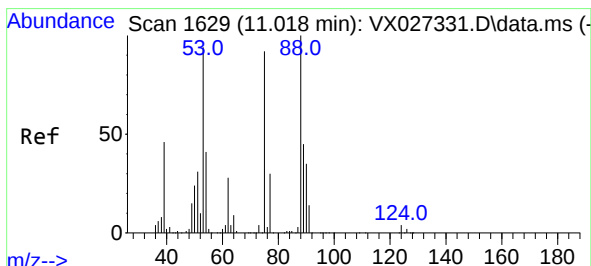
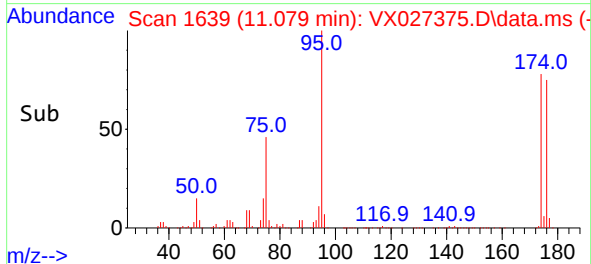
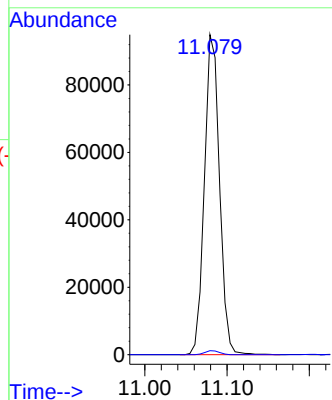
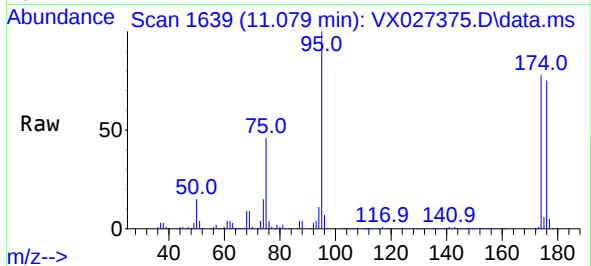




#76
1,2,3-Trichloropropane
Concen: 20.379 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027375.D
Acq: 10 Mar 2022 14:21

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 120846
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.906 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027375.D
Acq: 10 Mar 2022 14:21

Tgt Ion: 75 Resp: 120846
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

