

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032122\
 Data File : VX027587.D
 Acq On : 21 Mar 2022 15:38
 Operator : JC/MD
 Sample : N1998-10DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 22 05:47:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

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

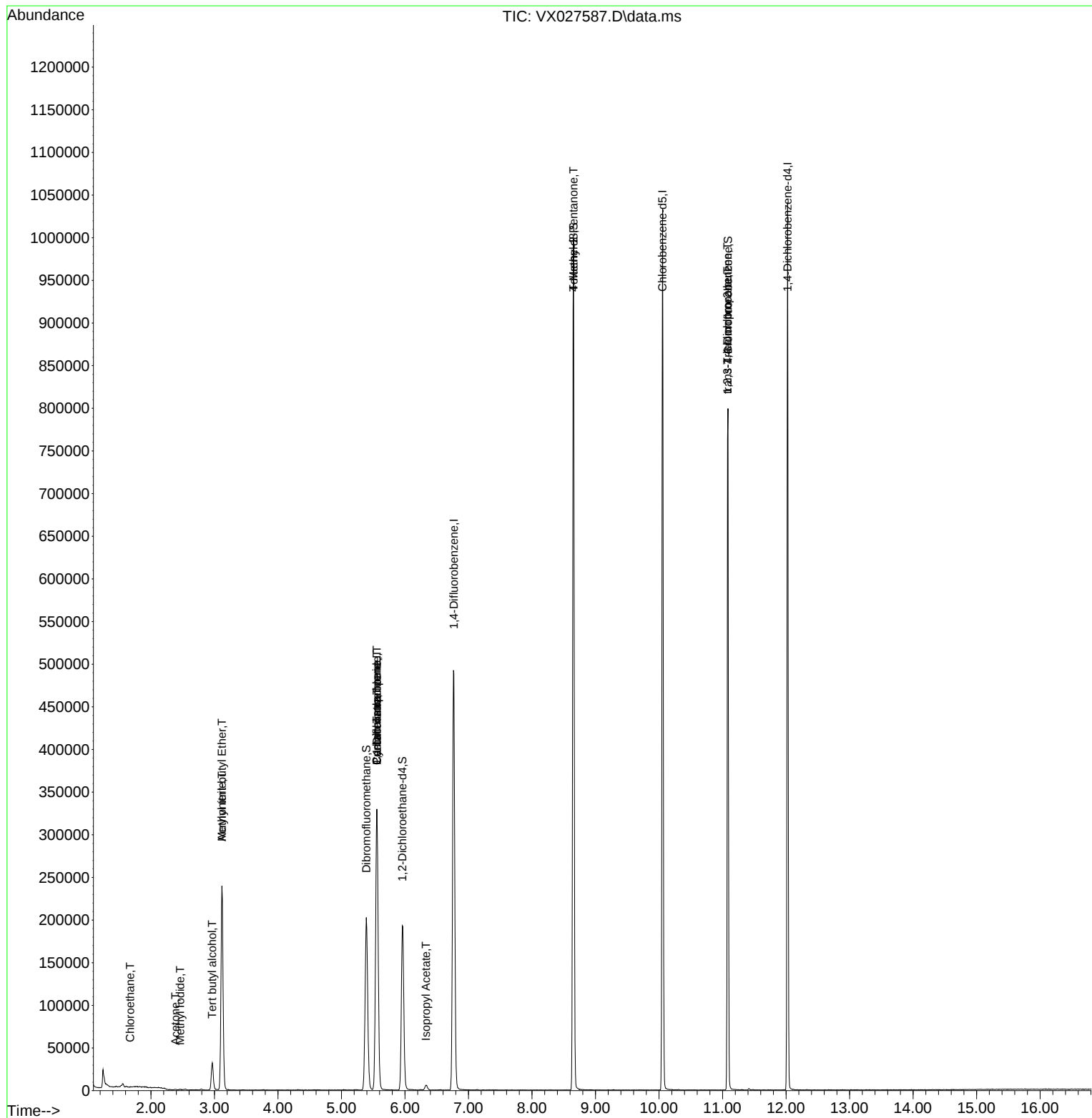
Internal Standards						
1) Pentafluorobenzene	5.556	168	327599	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	537854	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	481012	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	216095	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	191153	47.366	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.740%
35) Dibromofluoromethane	5.391	113	176858	51.108	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.220%
50) Toluene-d8	8.653	98	622421	47.532	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.060%
62) 4-Bromofluorobenzene	11.085	95	215697	44.815	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	89.640%
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	748	Below Cal	#	34
6) Chloroethane	1.672	64	842	0.425	ug/l #	43
10) Methyl Iodide	2.459	142	1009	0.240	ug/l #	90
11) Tert butyl alcohol	2.965	59	35862	46.627	ug/l	100
15) Acrylonitrile	3.117	53	2924	1.672	ug/l #	33
16) Acetone	2.386	43	962	0.585	ug/l	90
19) Methyl tert-butyl Ether	3.117	73	271915	26.493	ug/l	100
31) Cyclohexane	5.556	56	5463	1.090	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	22965	4.856	ug/l #	50
38) Carbon Tetrachloride	5.556	117	31660	5.852	ug/l #	16
43) Isopropyl Acetate	6.330	43	2121	0.280	ug/l #	12
51) 4-Methyl-2-Pentanone	8.653	43	2115	0.437	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	103505	22.899	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	103505	69.546	ug/l #	15

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

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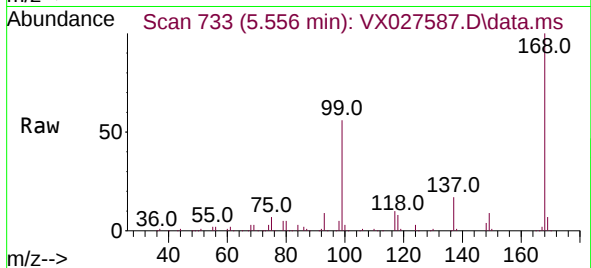
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 17 15:02:59 2022
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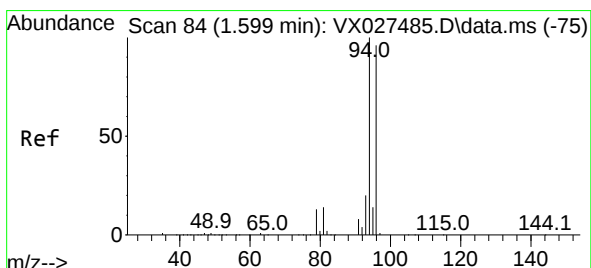
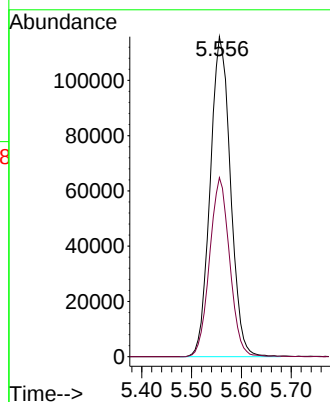
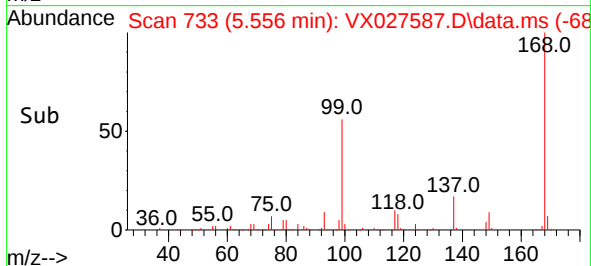


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027587.D
Acq: 21 Mar 2022 15:38

Instrument :
MSVOA_X
ClientSampleId :

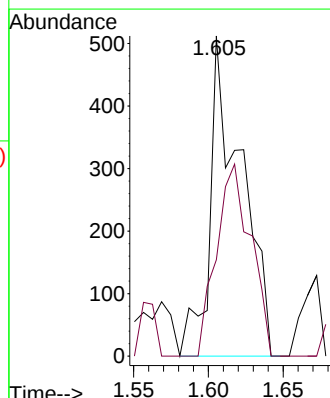
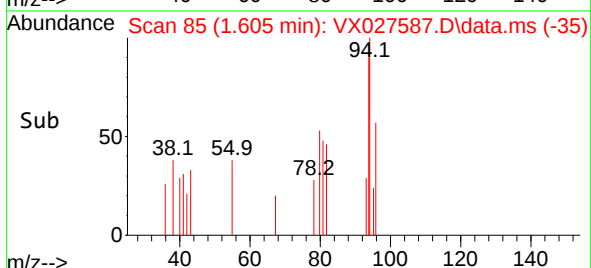
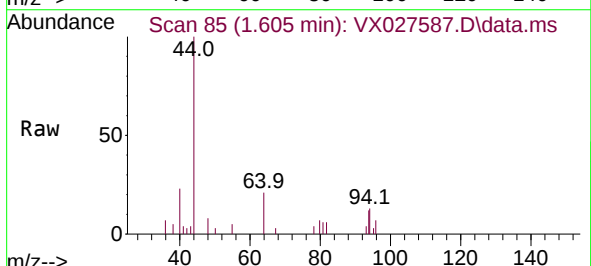


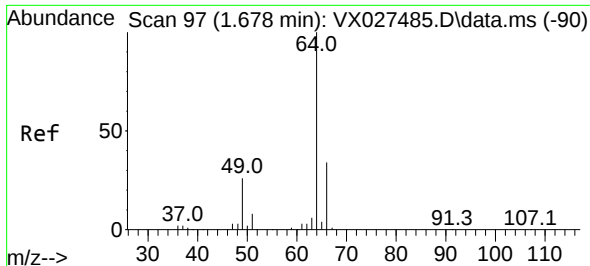
Tgt Ion:168 Resp: 327599
Ion Ratio Lower Upper
168 100
99 56.0 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX027587.D
Acq: 21 Mar 2022 15:38

Tgt Ion: 94 Resp: 748
Ion Ratio Lower Upper
94 100
96 30.1 75.3 112.9#

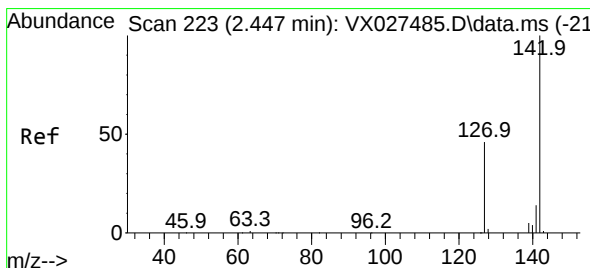
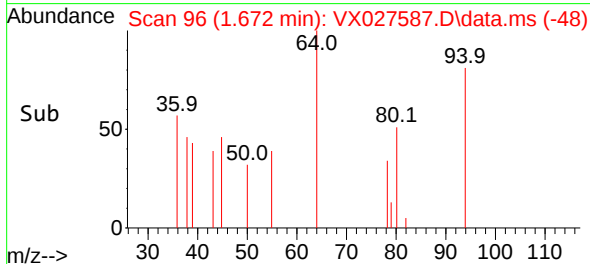
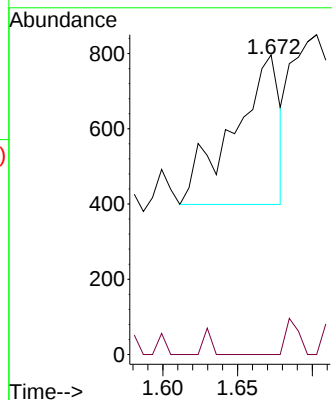
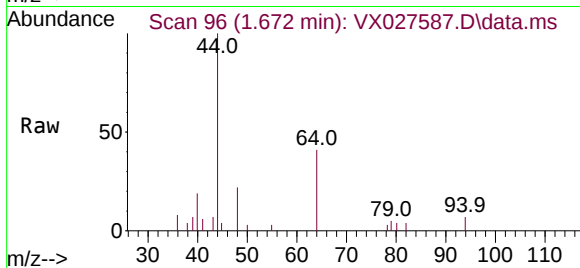




#6
Chloroethane
Concen: 0.425 ug/l
RT: 1.672 min Scan# 90
Delta R.T. -0.006 min
Lab File: VX027587.D
Acq: 21 Mar 2022 15:38

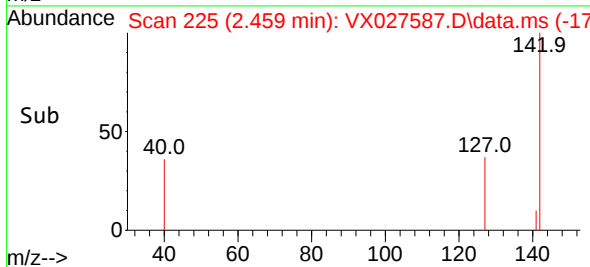
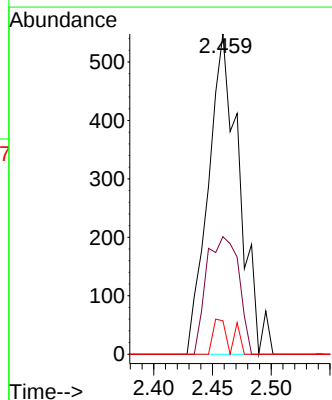
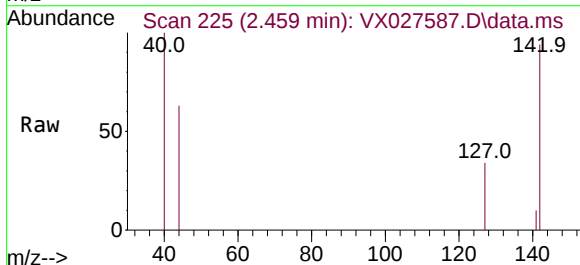
Instrument :
MSVOA_X
ClientSampleId :

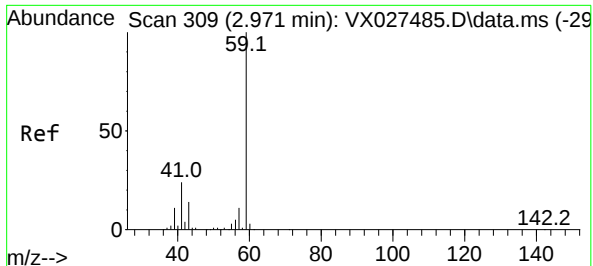
Tgt Ion: 64 Resp: 842
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#10
Methyl Iodide
Concen: 0.240 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.012 min
Lab File: VX027587.D
Acq: 21 Mar 2022 15:38

Tgt Ion: 142 Resp: 1009
Ion Ratio Lower Upper
142 100
127 38.1 33.9 50.9
141 6.2 11.4 17.2#





#11

Tert butyl alcohol

Concen: 46.627 ug/l

RT: 2.965 min Scan# 309

Delta R.T. -0.006 min

Lab File: VX027587.D

Acq: 21 Mar 2022 15:38

Instrument :

MSVOA_X

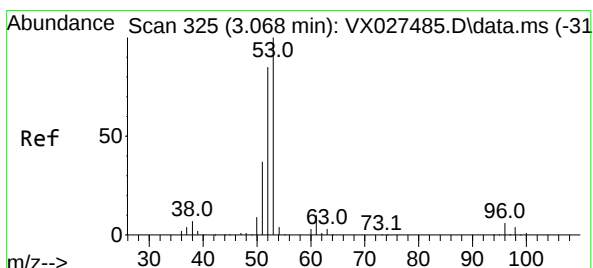
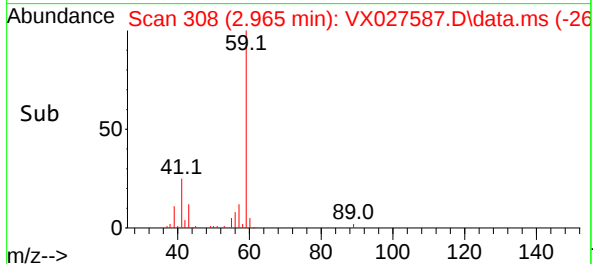
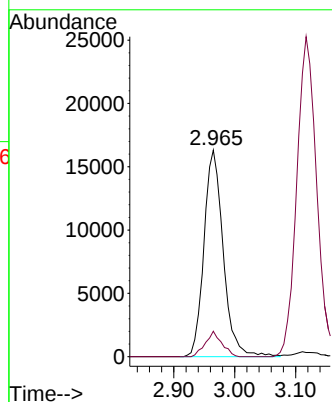
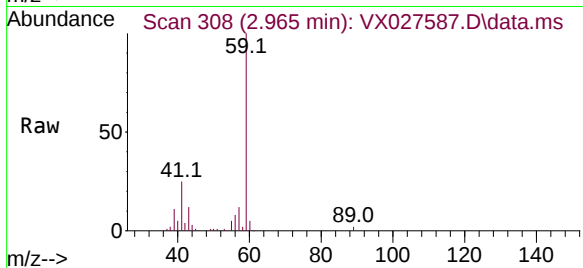
ClientSampleId :

Tgt Ion: 59 Resp: 35862

Ion Ratio Lower Upper

59 100

57 10.5 8.3 12.5



#15

Acrylonitrile

Concen: 1.672 ug/l

RT: 3.117 min Scan# 333

Delta R.T. 0.049 min

Lab File: VX027587.D

Acq: 21 Mar 2022 15:38

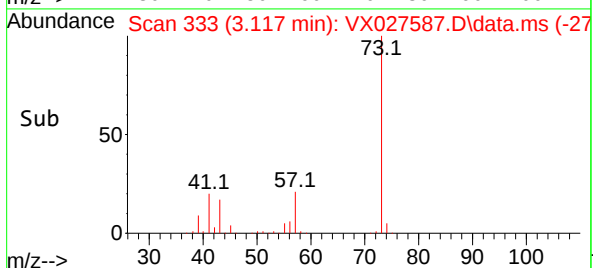
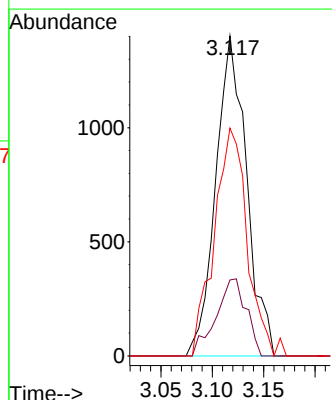
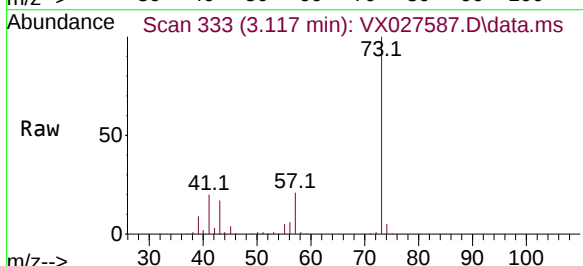
Tgt Ion: 53 Resp: 2924

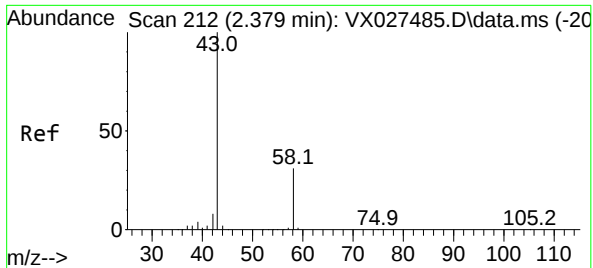
Ion Ratio Lower Upper

53 100

52 23.6 65.7 98.5#

51 76.1 28.4 42.6#

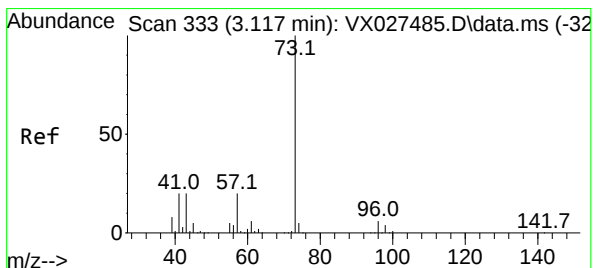
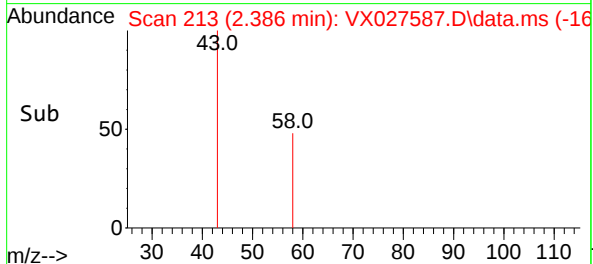
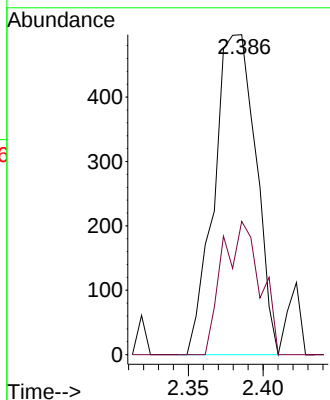
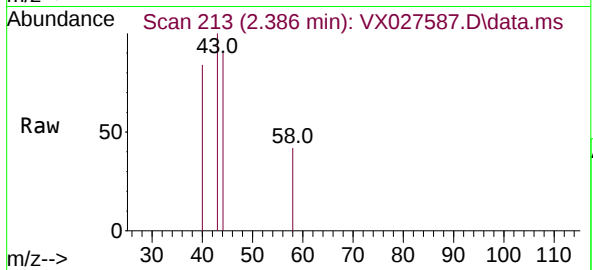




#16
Acetone
Concen: 0.585 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX027587.D
Acq: 21 Mar 2022 15:38

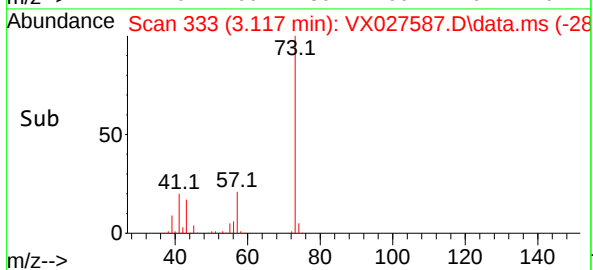
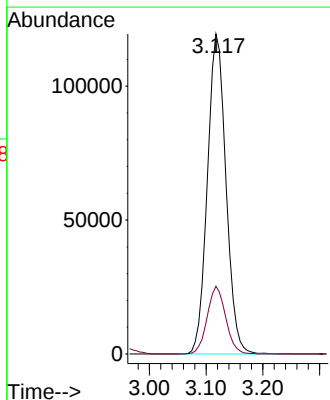
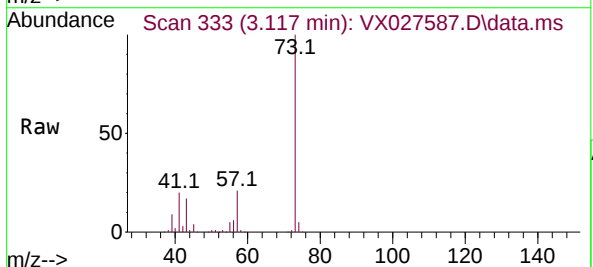
Instrument :
MSVOA_X
ClientSampleId :

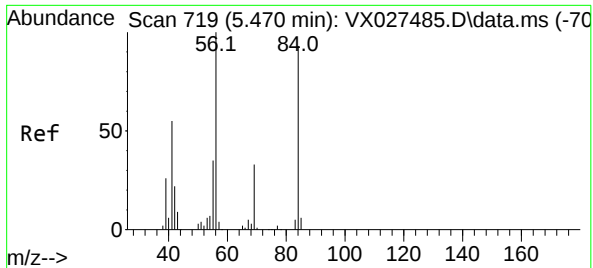
Tgt Ion: 43 Resp: 962
Ion Ratio Lower Upper
43 100
58 41.6 28.8 43.2



#19
Methyl tert-butyl Ether
Concen: 26.493 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX027587.D
Acq: 21 Mar 2022 15:38

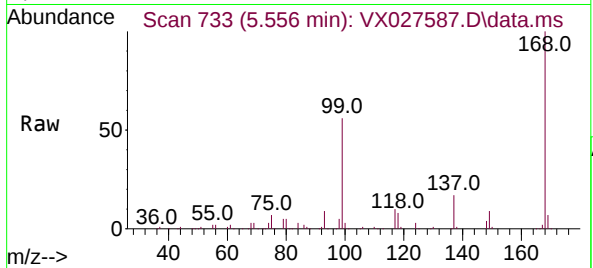
Tgt Ion: 73 Resp: 271915
Ion Ratio Lower Upper
73 100
57 21.1 16.8 25.2



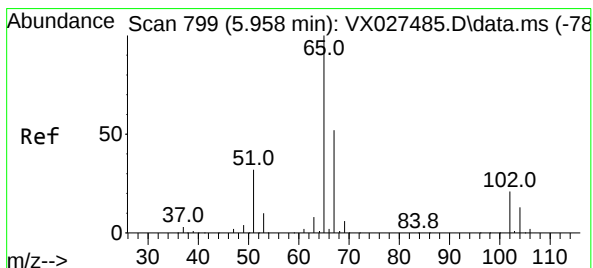
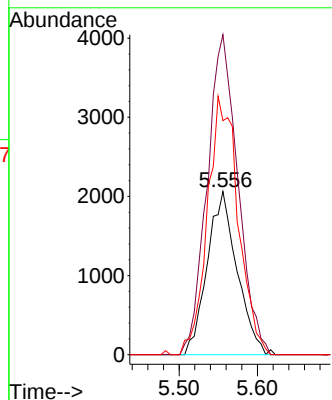
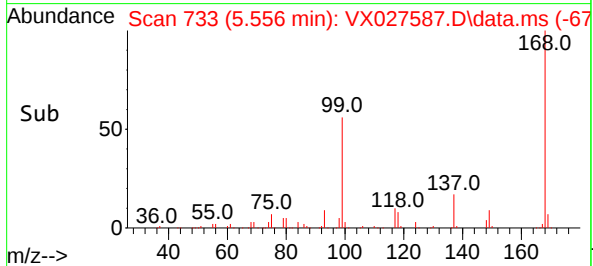


#31
Cyclohexane
Concen: 1.090 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX027587.D
Acq: 21 Mar 2022 15:38

Instrument :
MSVOA_X
ClientSampleId :

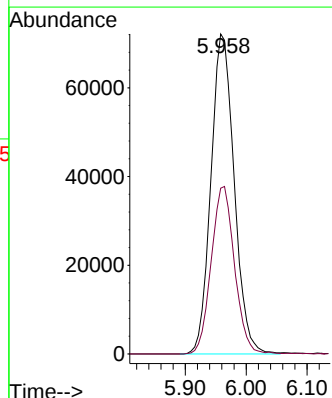
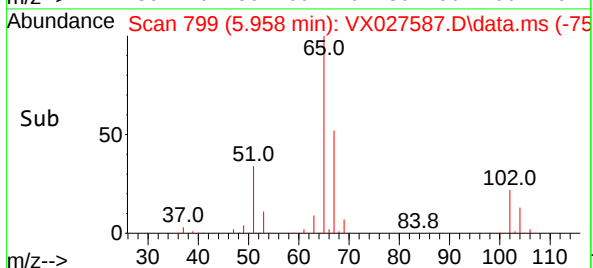
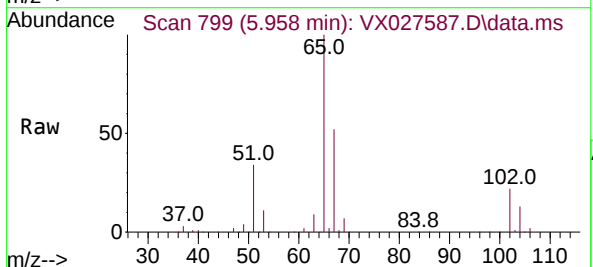


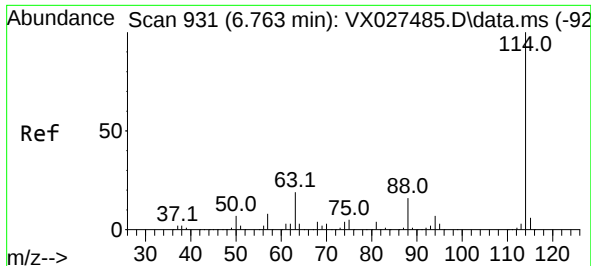
Tgt Ion: 56 Resp: 5463
Ion Ratio Lower Upper
56 100
69 196.0 26.7 40.1#
84 143.4 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 47.366 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027587.D
Acq: 21 Mar 2022 15:38

Tgt Ion: 65 Resp: 191153
Ion Ratio Lower Upper
65 100
67 52.5 0.0 107.4

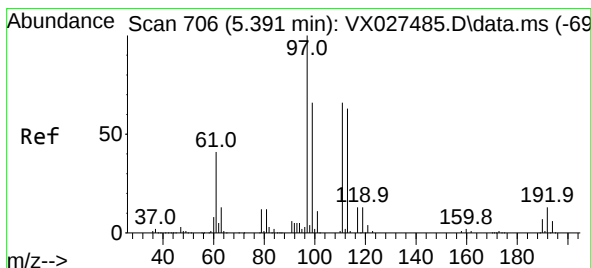
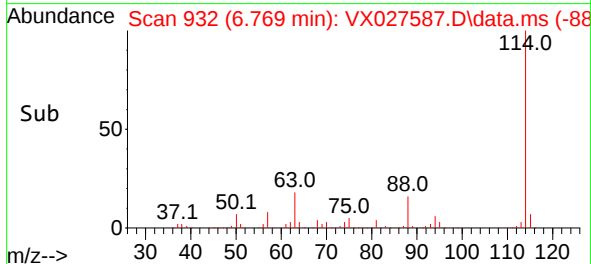
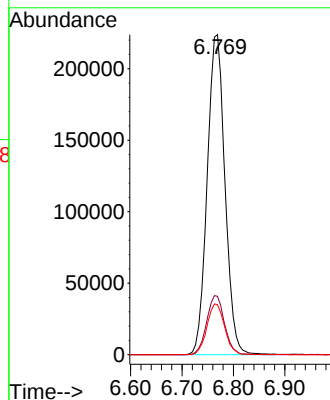
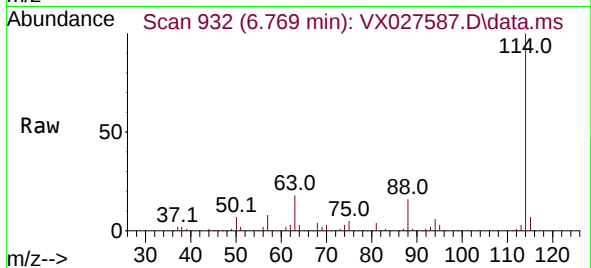




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX027587.D
Acq: 21 Mar 2022 15:38

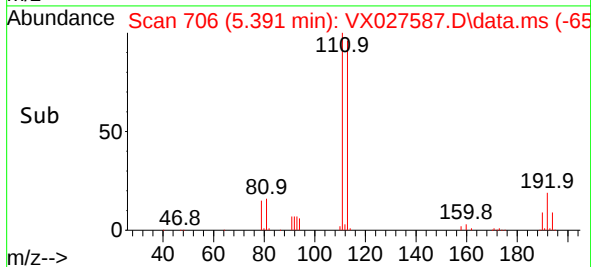
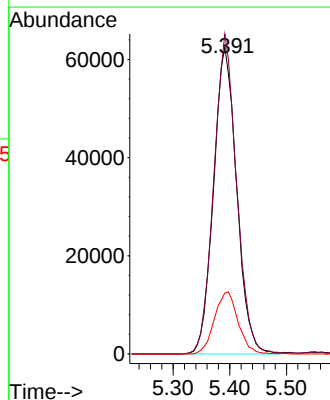
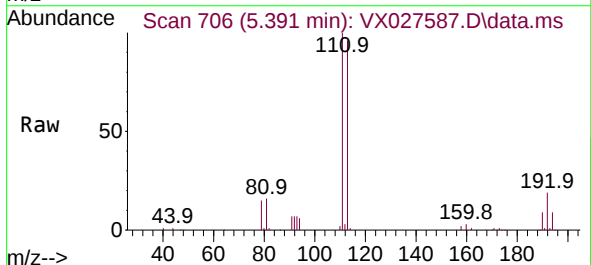
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MSVOA_X
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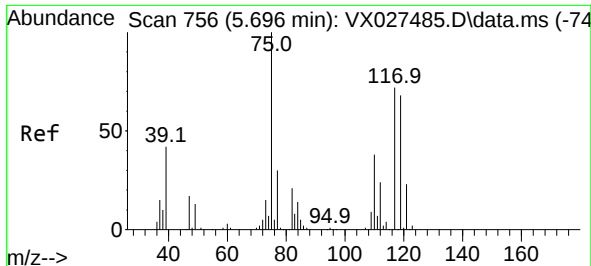
Tgt Ion:114 Resp: 537854
Ion Ratio Lower Upper
114 100
63 18.2 0.0 36.8
88 15.6 0.0 32.4



#35
Dibromofluoromethane
Concen: 51.108 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027587.D
Acq: 21 Mar 2022 15:38

Tgt Ion:113 Resp: 176858
Ion Ratio Lower Upper
113 100
111 102.7 82.8 124.2
192 20.7 16.9 25.3

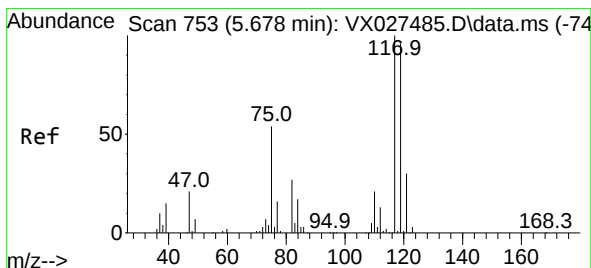
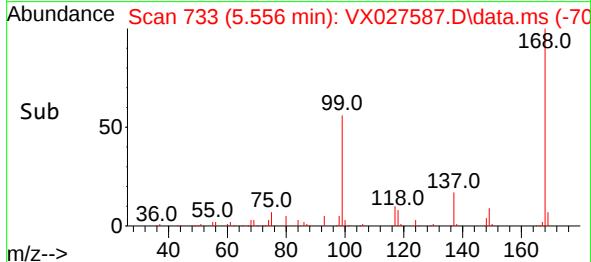
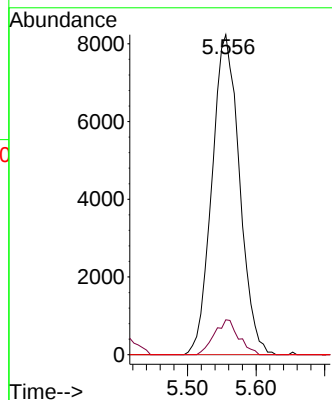
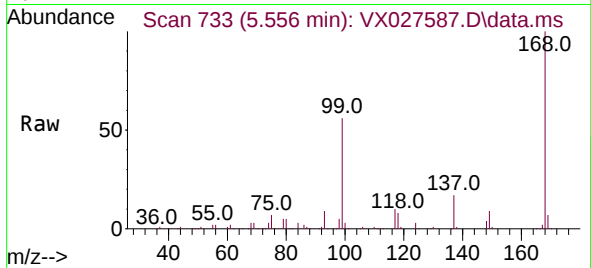




#36
1,1-Dichloropropene
Concen: 4.856 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX027587.D
Acq: 21 Mar 2022 15:38

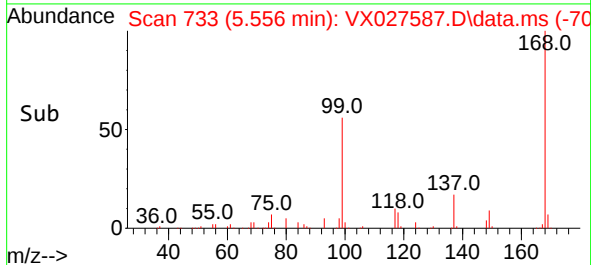
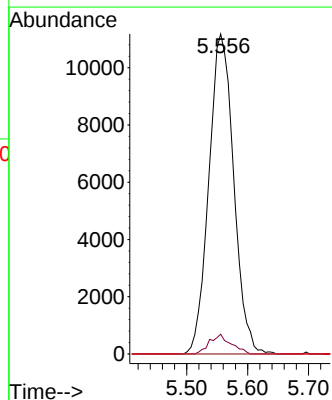
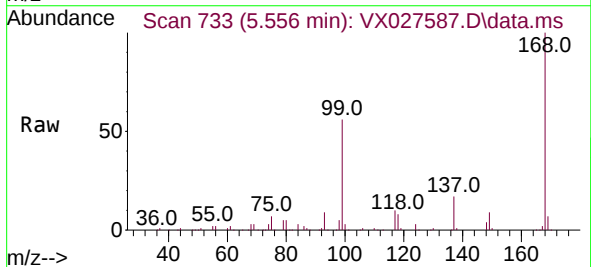
Instrument :
MSVOA_X
ClientSampleId :

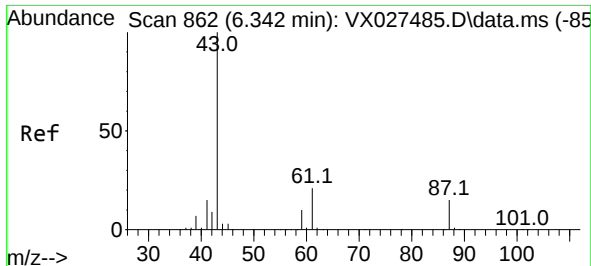
Tgt Ion: 75 Resp: 22965
Ion Ratio Lower Upper
75 100
110 9.7 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.852 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX027587.D
Acq: 21 Mar 2022 15:38

Tgt Ion: 117 Resp: 31660
Ion Ratio Lower Upper
117 100
119 6.1 77.3 115.9#
121 0.0 24.2 36.2#

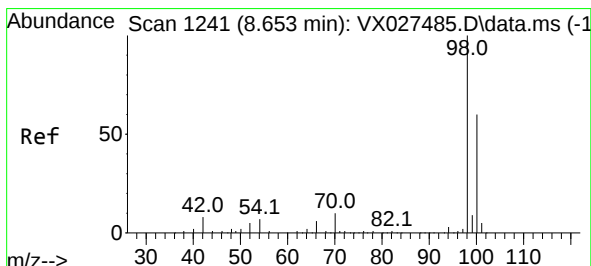
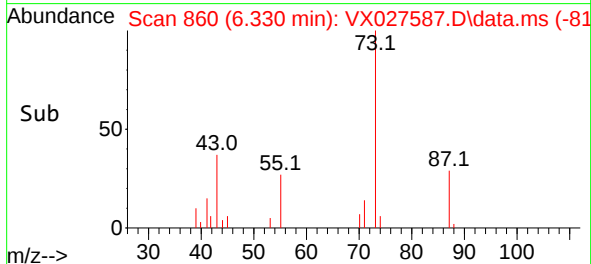
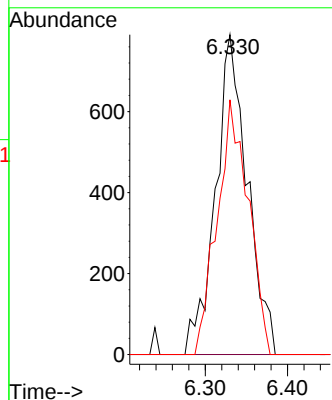
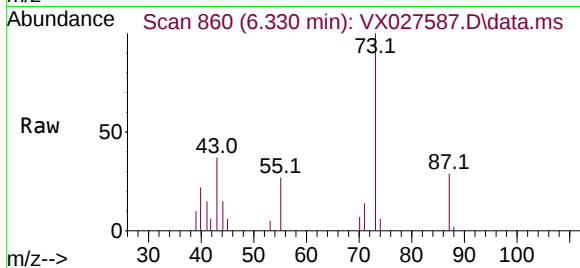




#43
Isopropyl Acetate
Concen: 0.280 ug/l
RT: 6.330 min Scan# 860
Delta R.T. -0.012 min
Lab File: VX027587.D
Acq: 21 Mar 2022 15:38

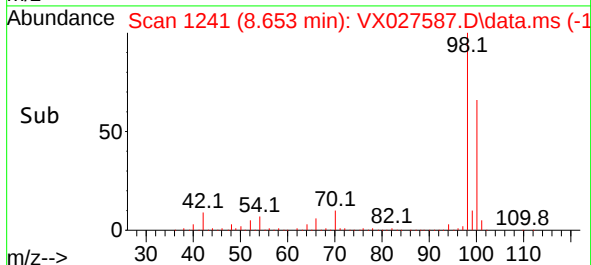
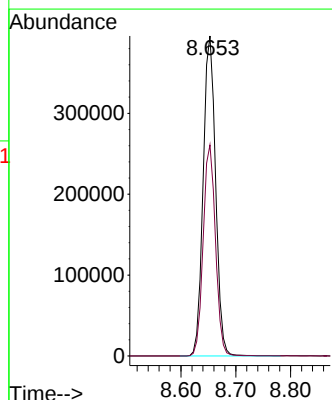
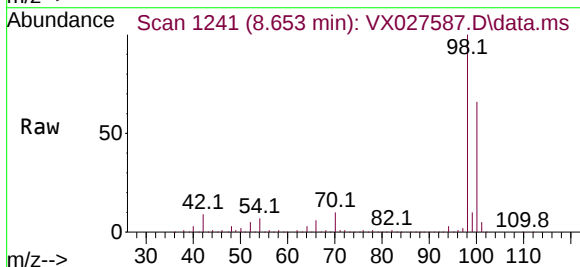
Instrument :
MSVOA_X
ClientSampleId :

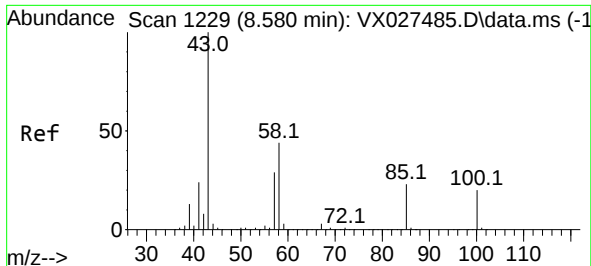
Tgt Ion: 43 Resp: 2121
Ion Ratio Lower Upper
43 100
61 0.0 18.5 27.7#
87 78.1 13.0 19.6#



#50
Toluene-d8
Concen: 47.532 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX027587.D
Acq: 21 Mar 2022 15:38

Tgt Ion: 98 Resp: 622421
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 0.437 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.073 min

Lab File: VX027587.D

Acq: 21 Mar 2022 15:38

Instrument :

MSVOA_X

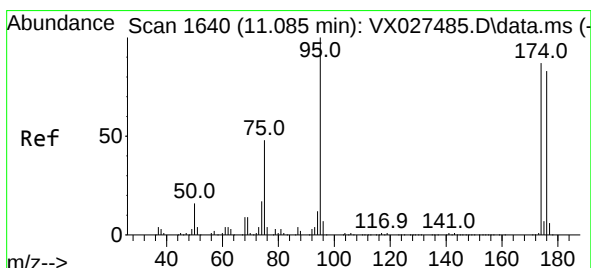
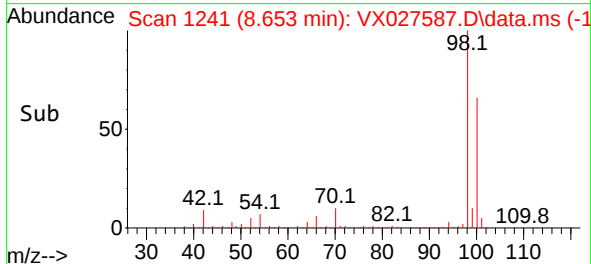
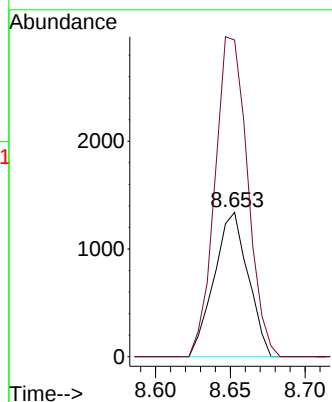
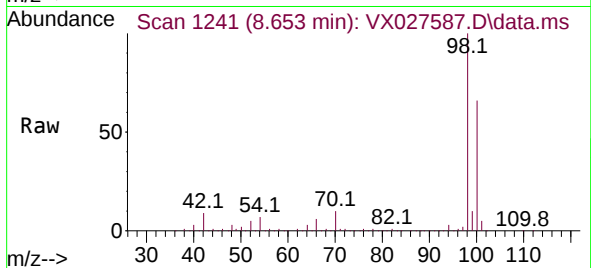
ClientSampleId :

Tgt Ion: 43 Resp: 2115

Ion Ratio Lower Upper

43 100

58 213.3 36.1 54.1#



#62

4-Bromofluorobenzene

Concen: 44.815 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX027587.D

Acq: 21 Mar 2022 15:38

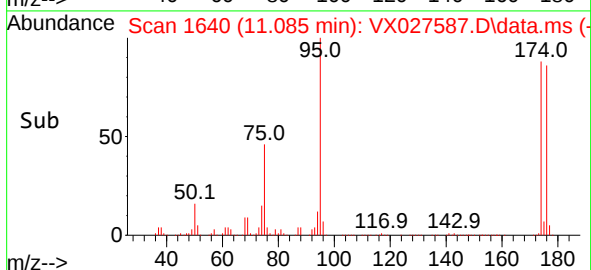
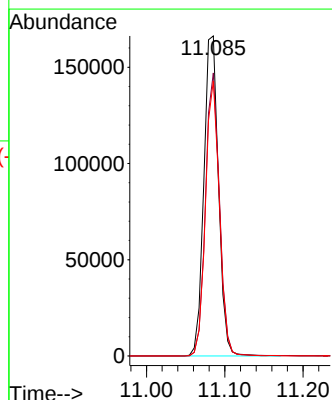
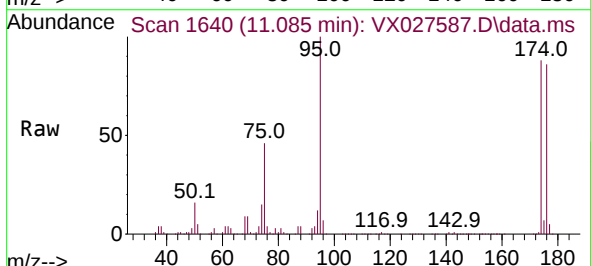
Tgt Ion: 95 Resp: 215697

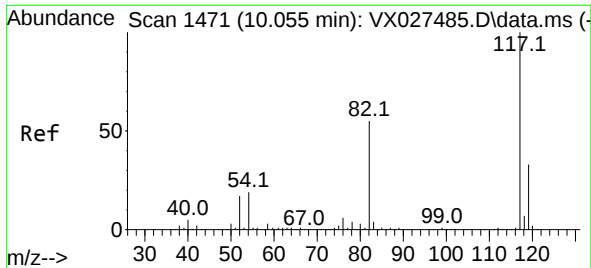
Ion Ratio Lower Upper

95 100

174 84.5 0.0 163.0

176 81.7 0.0 155.0

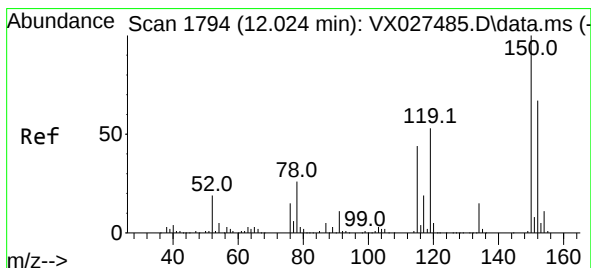
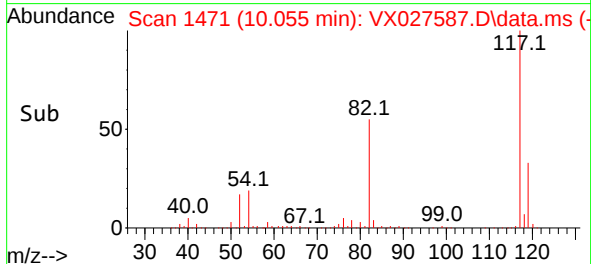
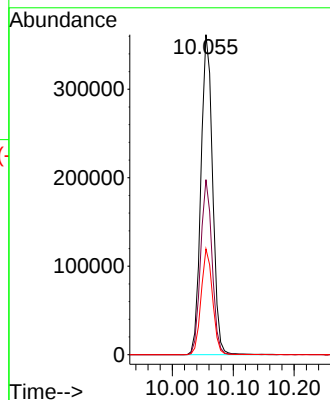
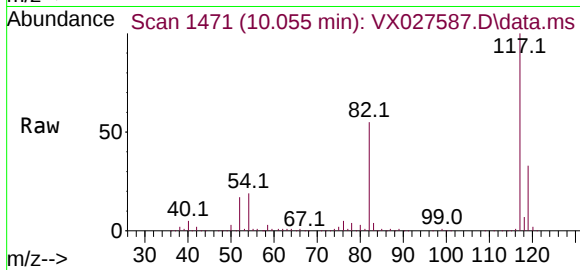




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027587.D
Acq: 21 Mar 2022 15:38

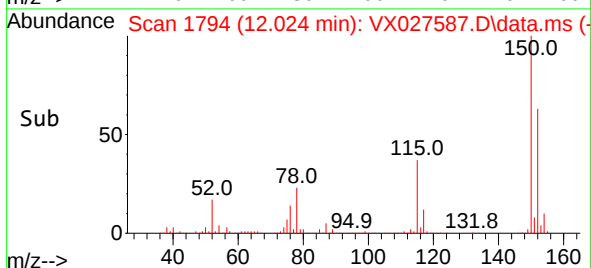
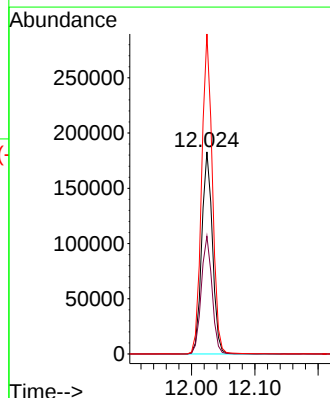
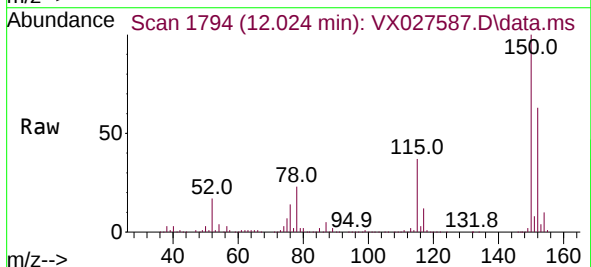
Instrument :
MSVOA_X
ClientSampleId :

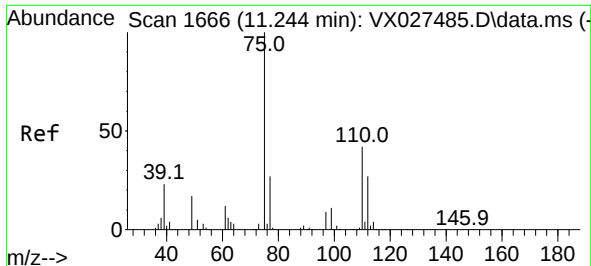
Tgt Ion:117 Resp: 481012
Ion Ratio Lower Upper
117 100
82 54.7 41.8 62.8
119 33.1 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027587.D
Acq: 21 Mar 2022 15:38

Tgt Ion:152 Resp: 216095
Ion Ratio Lower Upper
152 100
115 58.5 37.5 112.7
150 158.2 0.0 338.2

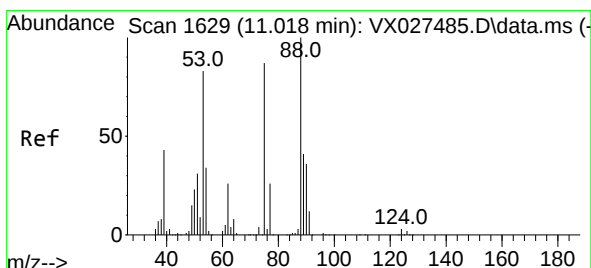
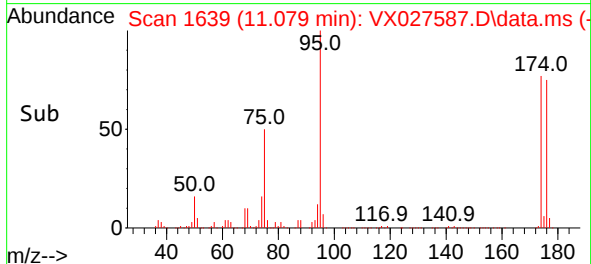
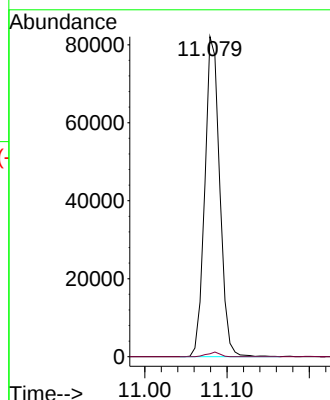
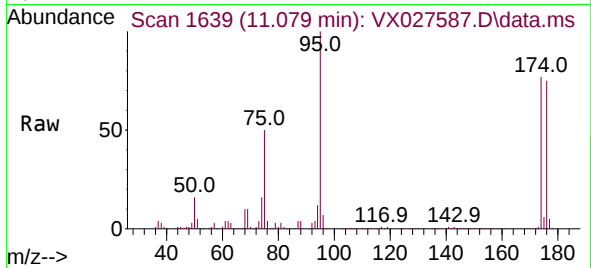




#76
1,2,3-Trichloropropane
Concen: 22.899 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027587.D
Acq: 21 Mar 2022 15:38

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 103505
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.546 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027587.D
Acq: 21 Mar 2022 15:38

Tgt Ion: 75 Resp: 103505
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

