

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032322\
 Data File : VX027662.D
 Acq On : 23 Mar 2022 13:05
 Operator : JC/MD
 Sample : N1998-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 24 04:35:00 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)

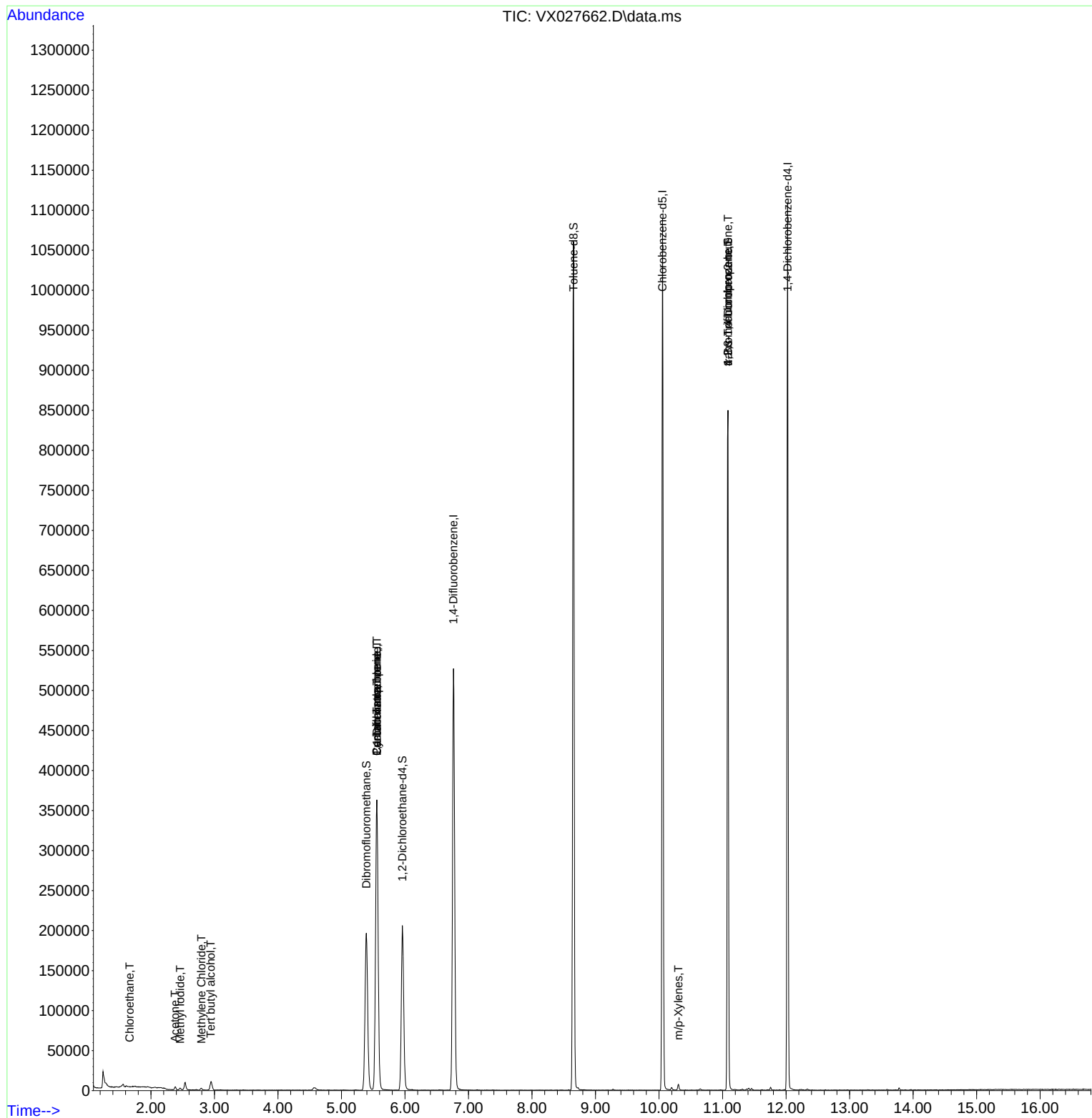
Internal Standards						
1) Pentafluorobenzene	5.556	168	370388	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	558052	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	505615	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	240997	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	197245	43.229	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	86.460%
35) Dibromofluoromethane	5.391	113	179249	49.924	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.840%
50) Toluene-d8	8.653	98	646512	47.585	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.160%
62) 4-Bromofluorobenzene	11.085	95	239455	47.951	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.900%
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	944	Below Cal	#	76
6) Chloroethane	1.666	64	553	0.247	ug/l #	76
10) Methyl Iodide	2.459	142	2555	0.538	ug/l	93
11) Tert butyl alcohol	2.940	59	6462	7.431	ug/l #	72
16) Acetone	2.379	43	3880	2.086	ug/l #	84
20) Methylene Chloride	2.794	84	1130	0.283	ug/l #	80
31) Cyclohexane	5.556	56	5625	0.993	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	23868	4.865	ug/l #	51
38) Carbon Tetrachloride	5.556	117	35378	6.303	ug/l #	18
68) m/p-Xylenes	10.305	106	1990	0.284	ug/l	96
76) 1,2,3-Trichloropropane	11.085	75	113397	22.496	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	113397	68.320	ug/l #	15

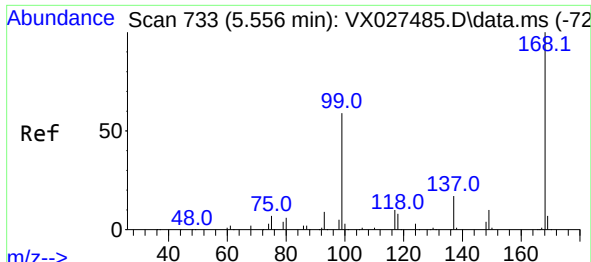
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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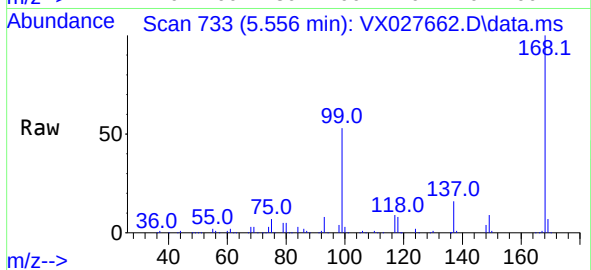
Quant Time: Mar 24 04:35:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 17 15:02:59 2022
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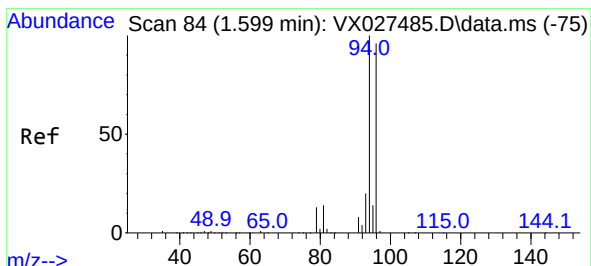
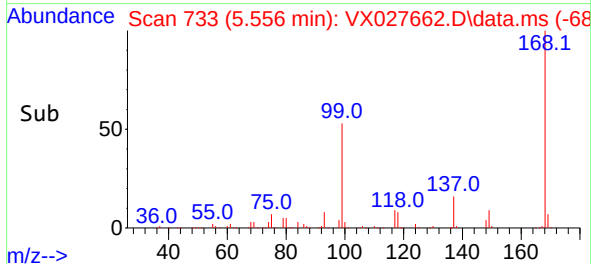
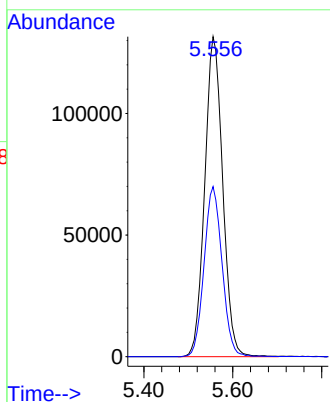


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027662.D
Acq: 23 Mar 2022 13:05

Instrument :
MSVOA_X
ClientSampleId :

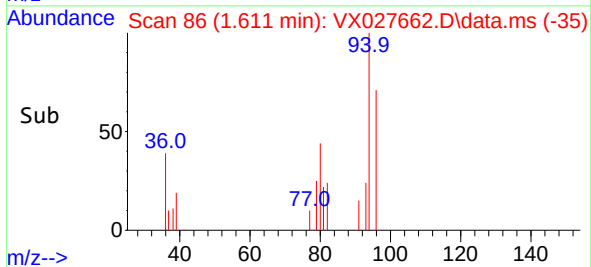
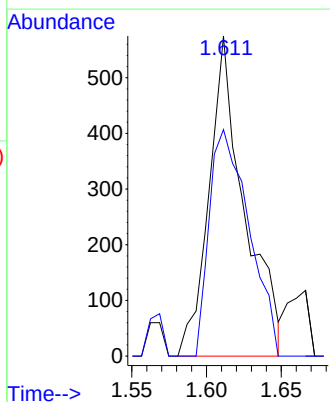
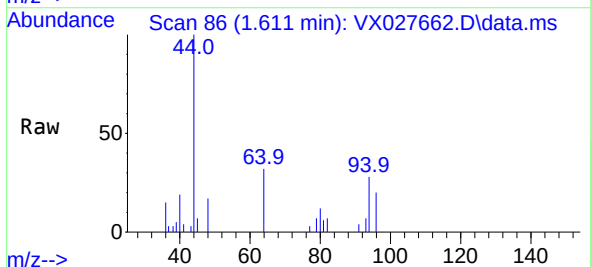


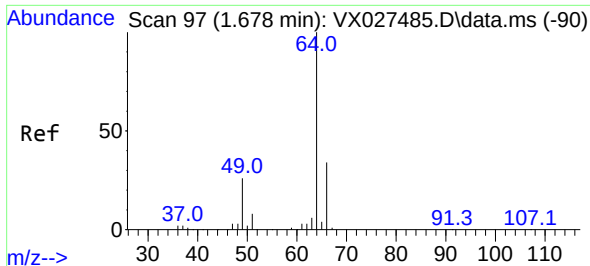
Tgt Ion:168 Resp: 370388
Ion Ratio Lower Upper
168 100
99 53.1 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX027662.D
Acq: 23 Mar 2022 13:05

Tgt Ion: 94 Resp: 944
Ion Ratio Lower Upper
94 100
96 70.8 75.3 112.9#

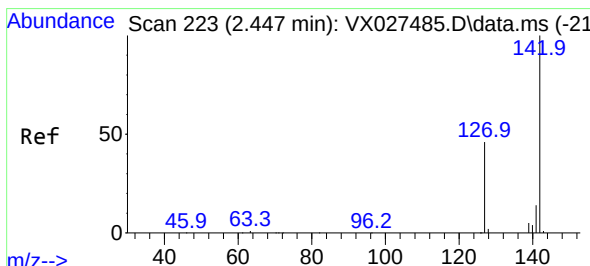
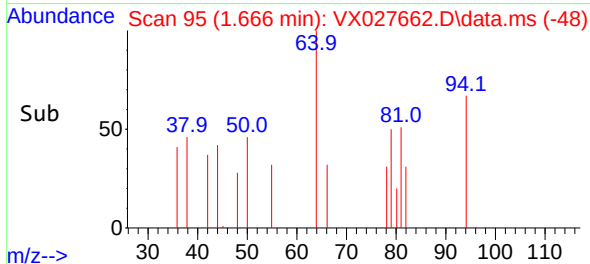
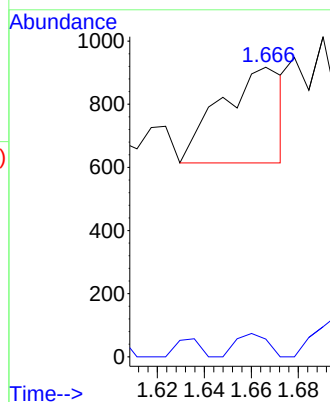
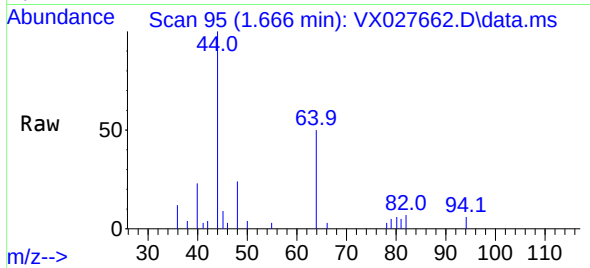




#6
Chloroethane
Concen: 0.247 ug/l
RT: 1.666 min Scan# 91
Delta R.T. -0.012 min
Lab File: VX027662.D
Acq: 23 Mar 2022 13:05

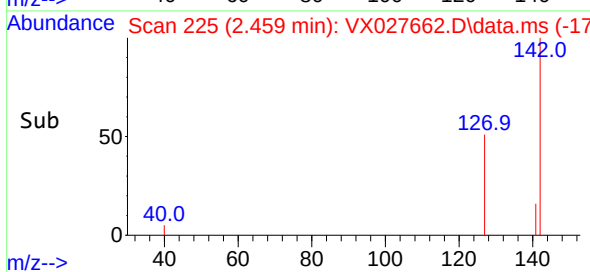
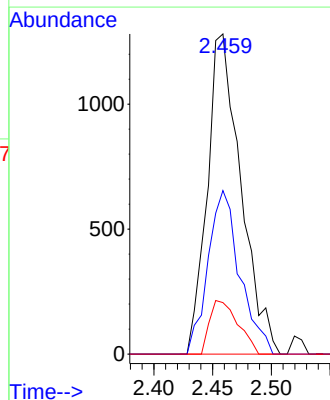
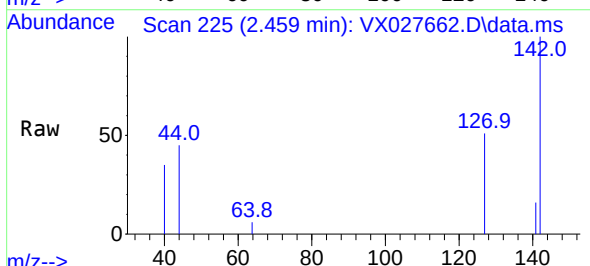
Instrument :
MSVOA_X
ClientSampleId :

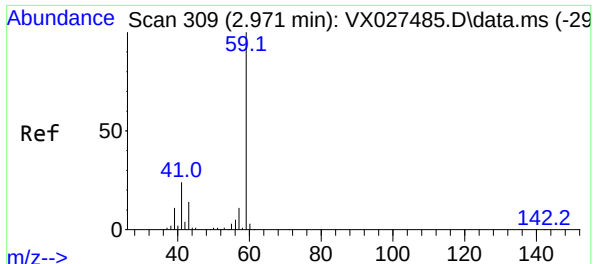
Tgt Ion: 64 Resp: 553
Ion Ratio Lower Upper
64 100
66 18.5 25.3 37.9#



#10
Methyl Iodide
Concen: 0.538 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.012 min
Lab File: VX027662.D
Acq: 23 Mar 2022 13:05

Tgt Ion: 142 Resp: 2555
Ion Ratio Lower Upper
142 100
127 48.3 33.9 50.9
141 14.1 11.4 17.2





#11

Tert butyl alcohol

Concen: 7.431 ug/l

RT: 2.940 min Scan# 309

Delta R.T. -0.030 min

Lab File: VX027662.D

Acq: 23 Mar 2022 13:05

Instrument :

MSVOA_X

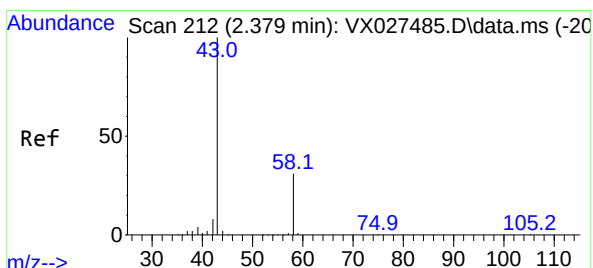
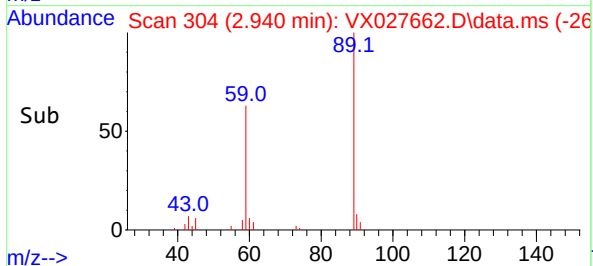
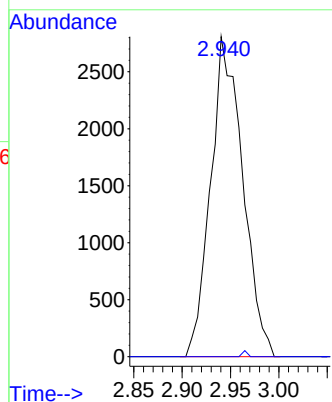
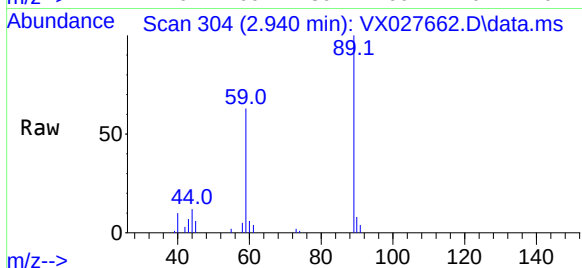
ClientSampleId :

Tgt Ion: 59 Resp: 6462

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#16

Acetone

Concen: 2.086 ug/l

RT: 2.379 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX027662.D

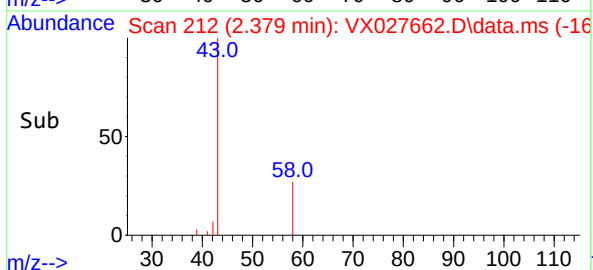
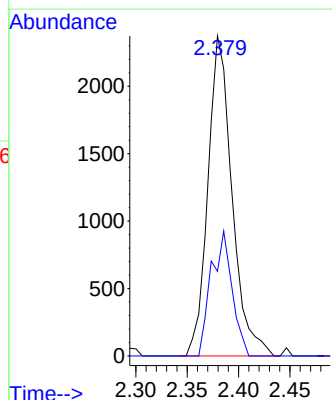
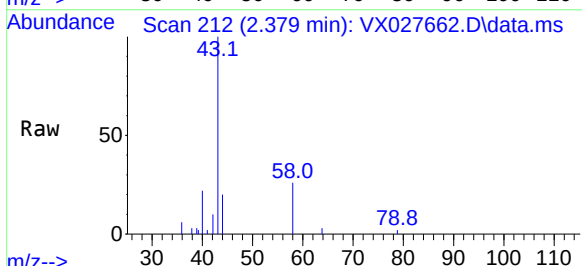
Acq: 23 Mar 2022 13:05

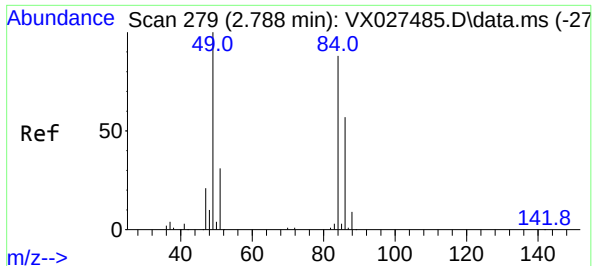
Tgt Ion: 43 Resp: 3880

Ion Ratio Lower Upper

43 100

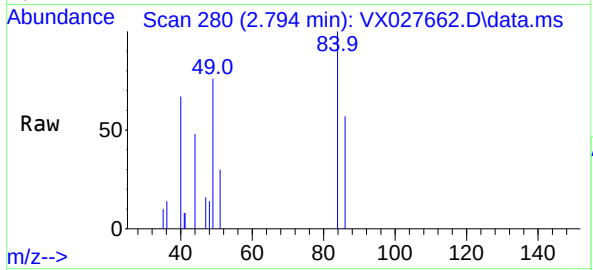
58 26.5 28.8 43.2#





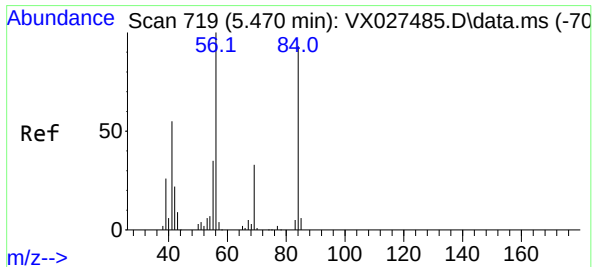
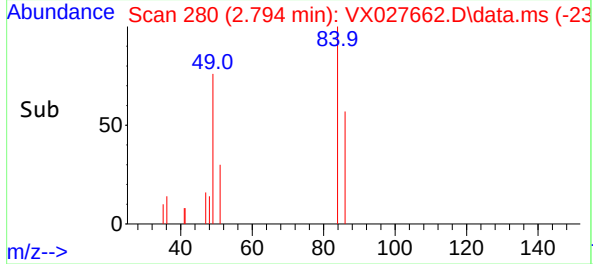
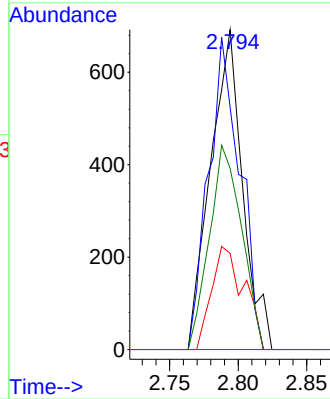
#20
Methylene Chloride
Concen: 0.283 ug/l
RT: 2.794 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX027662.D
Acq: 23 Mar 2022 13:05

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 1130

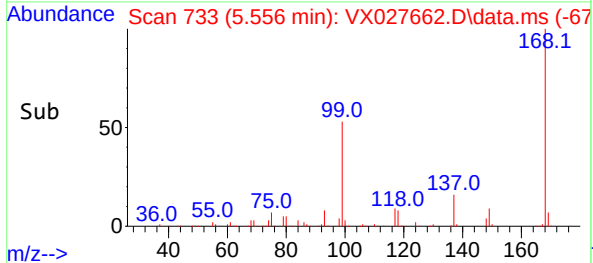
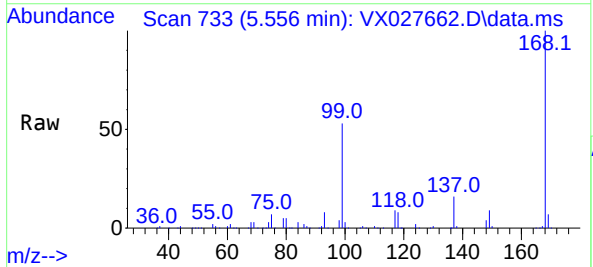
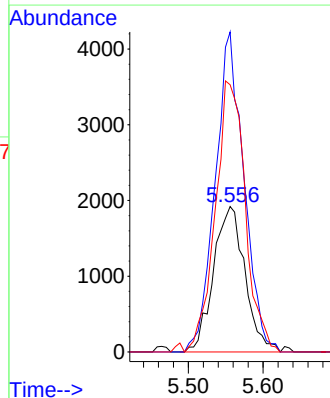
Ion	Ratio	Lower	Upper
84	100		
49	75.7	85.5	128.3#
51	30.1	26.6	39.8
86	56.6	51.5	77.3

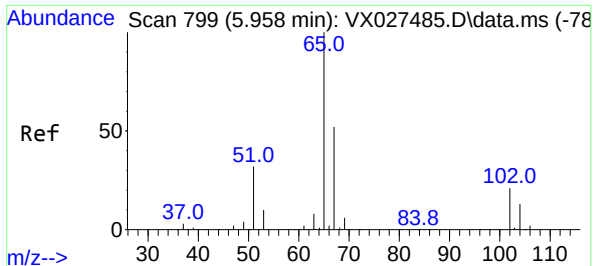


#31
Cyclohexane
Concen: 0.993 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX027662.D
Acq: 23 Mar 2022 13:05

Tgt Ion: 56 Resp: 5625

Ion	Ratio	Lower	Upper
56	100		
69	220.0	26.7	40.1#
84	183.7	77.2	115.8#





#33

1,2-Dichloroethane-d4

Concen: 43.229 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX027662.D

Acq: 23 Mar 2022 13:05

Instrument :

MSVOA_X

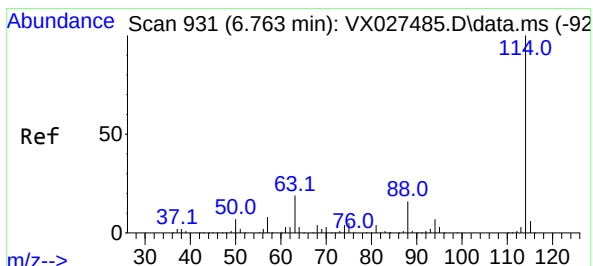
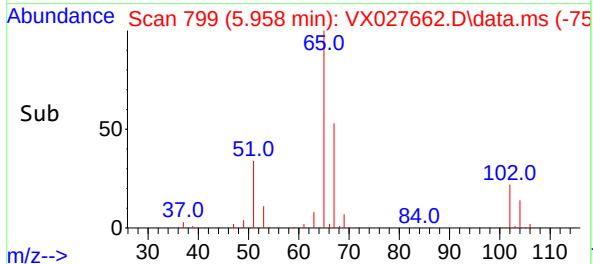
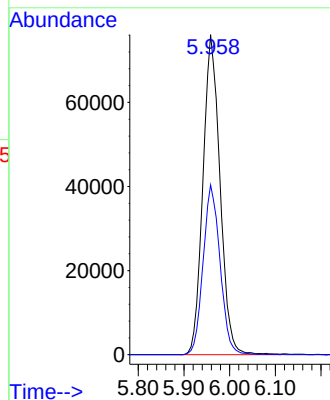
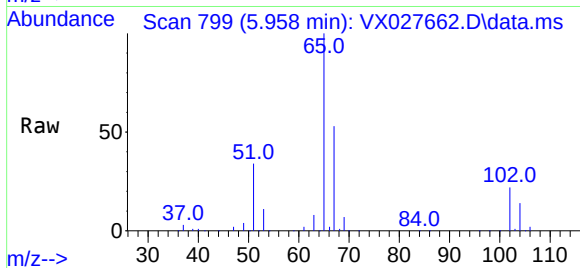
ClientSampleId :

Tgt Ion: 65 Resp: 197245

Ion Ratio Lower Upper

65 100

67 52.7 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: VX027662.D

Acq: 23 Mar 2022 13:05

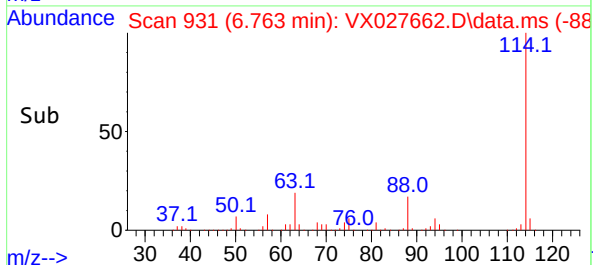
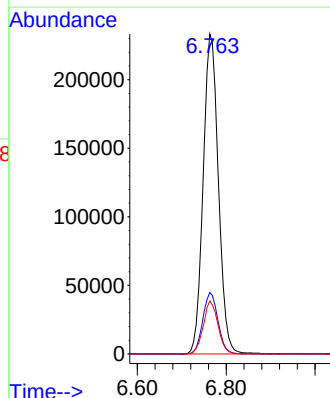
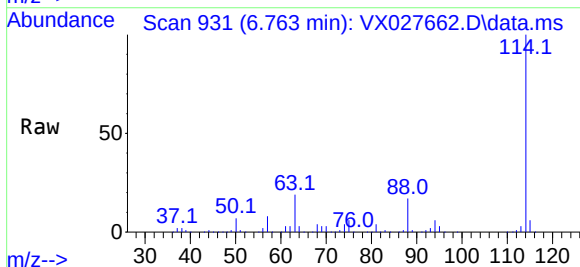
Tgt Ion: 114 Resp: 558052

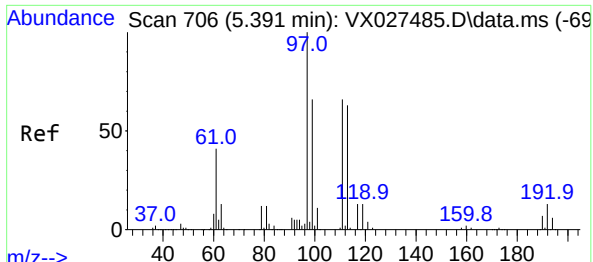
Ion Ratio Lower Upper

114 100

63 19.2 0.0 36.8

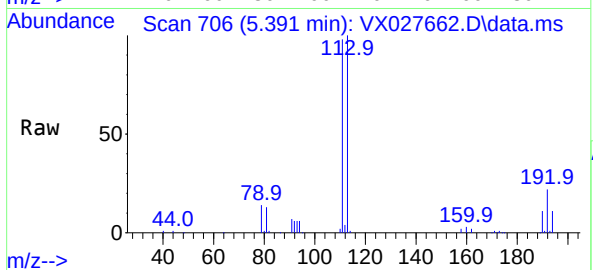
88 16.6 0.0 32.4





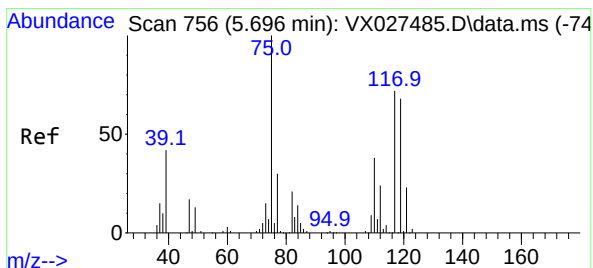
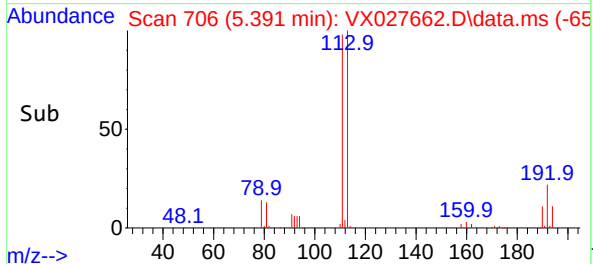
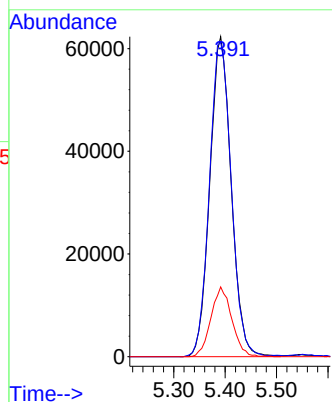
#35
Dibromofluoromethane
Concen: 49.924 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX027662.D
Acq: 23 Mar 2022 13:05

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:113 Resp: 179249

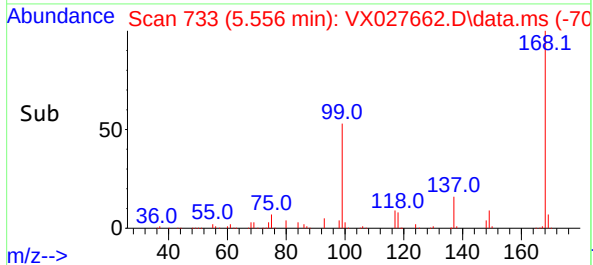
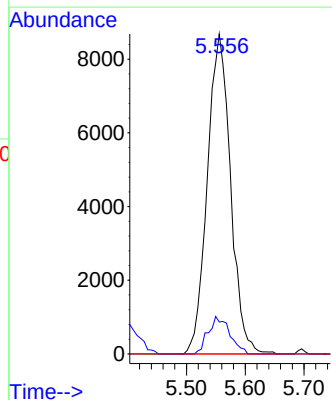
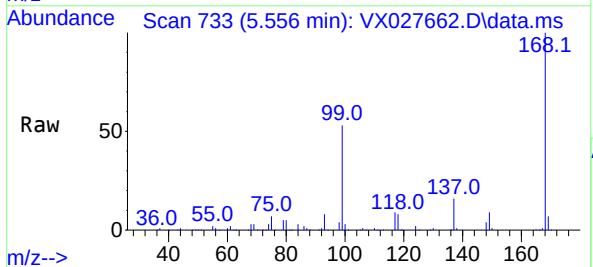
Ion	Ratio	Lower	Upper
113	100		
111	101.0	82.8	124.2
192	21.4	16.9	25.3

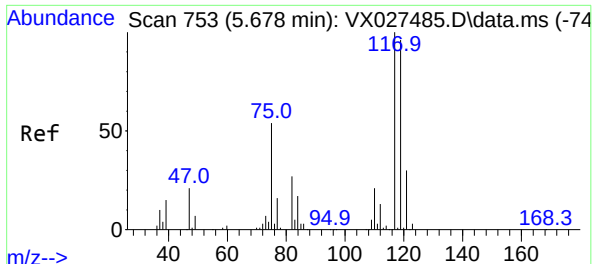


#36
1,1-Dichloropropene
Concen: 4.865 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX027662.D
Acq: 23 Mar 2022 13:05

Tgt Ion: 75 Resp: 23868

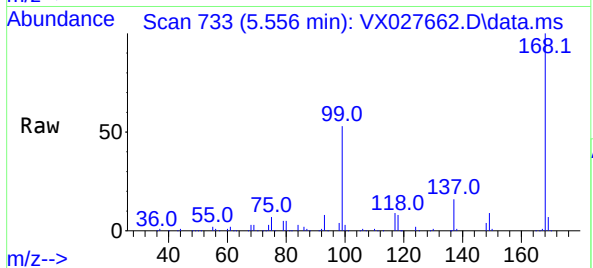
Ion	Ratio	Lower	Upper
75	100		
110	10.8	18.3	54.8#
77	0.0	24.8	37.2#



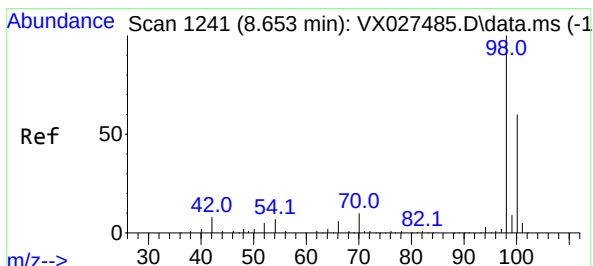
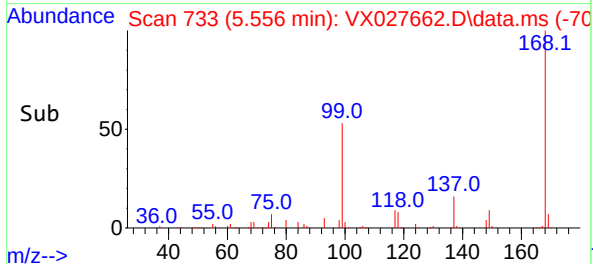
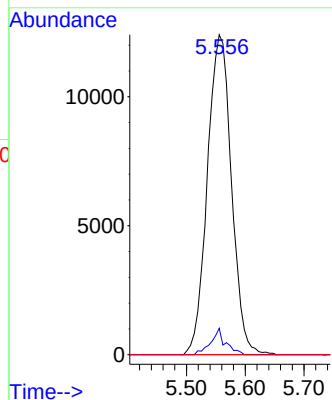


#38
Carbon Tetrachloride
Concen: 6.303 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX027662.D
Acq: 23 Mar 2022 13:05

Instrument :
MSVOA_X
ClientSampleId :

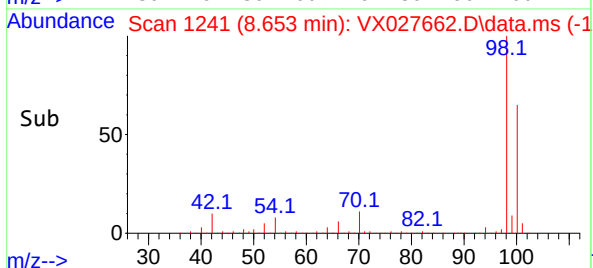
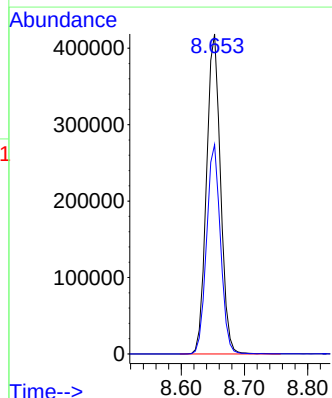
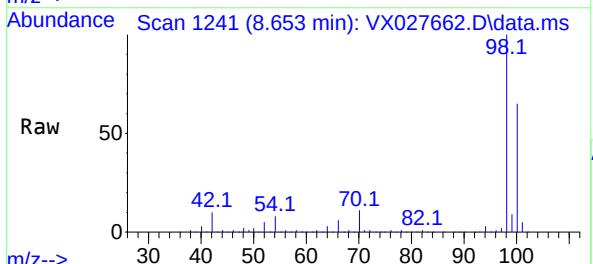


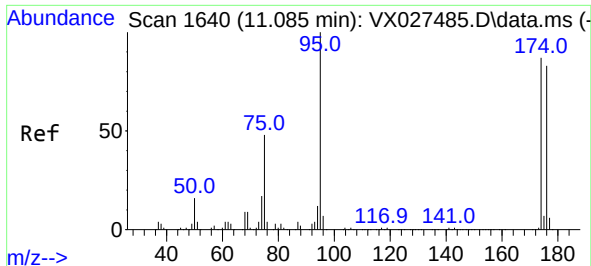
Tgt Ion:117 Resp: 35378
Ion Ratio Lower Upper
117 100
119 8.3 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 47.585 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027662.D
Acq: 23 Mar 2022 13:05

Tgt Ion: 98 Resp: 646512
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8

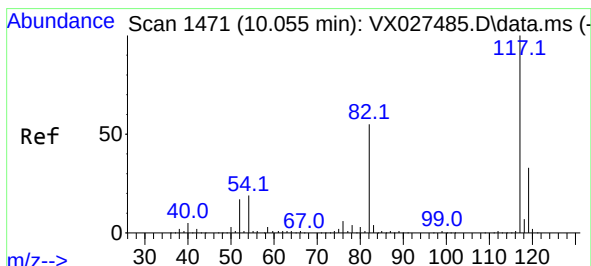
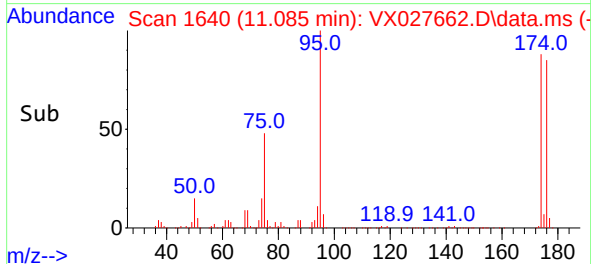
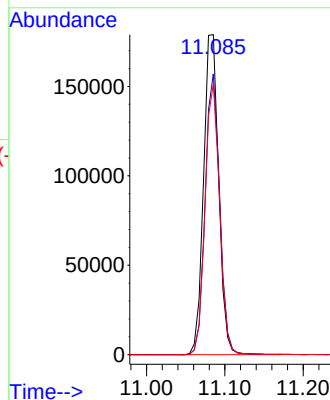
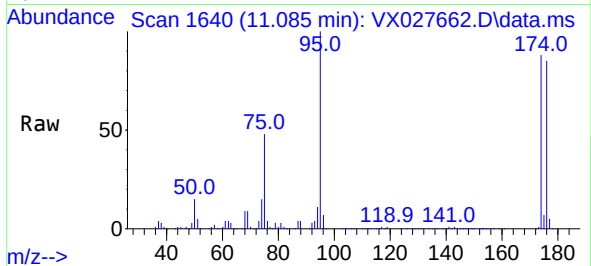




#62
4-Bromofluorobenzene
Concen: 47.951 ug/l
RT: 11.085 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX027662.D
Acq: 23 Mar 2022 13:05

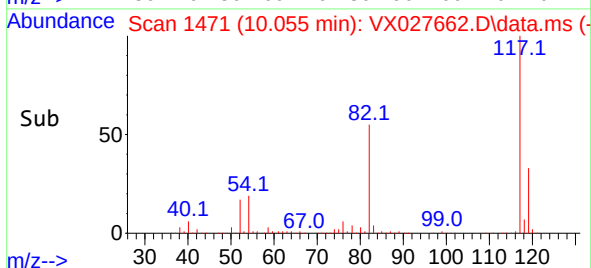
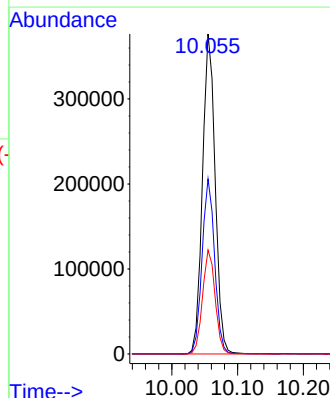
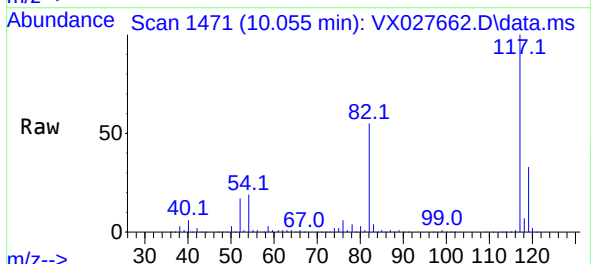
Instrument :
MSVOA_X
ClientSampleId :

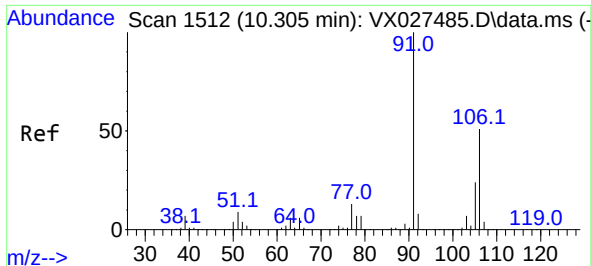
Tgt Ion: 95 Resp: 239455
Ion Ratio Lower Upper
95 100
174 84.3 0.0 163.0
176 81.7 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027662.D
Acq: 23 Mar 2022 13:05

Tgt Ion: 117 Resp: 505615
Ion Ratio Lower Upper
117 100
82 54.7 41.8 62.8
119 32.5 24.8 37.2

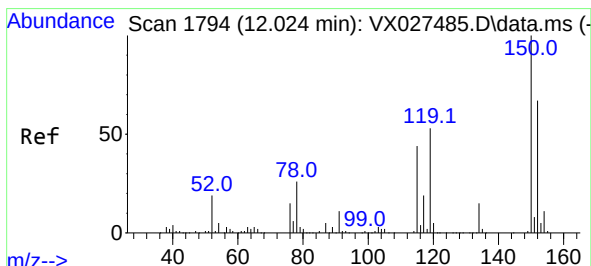
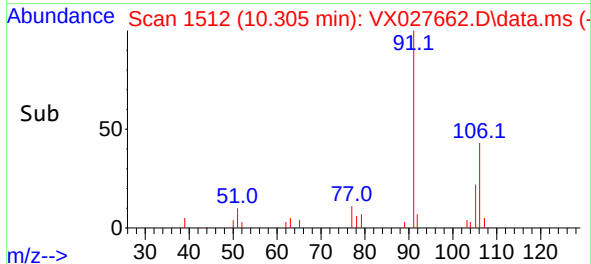
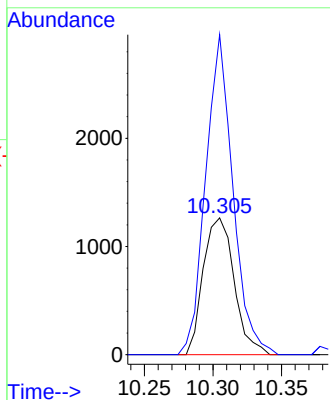
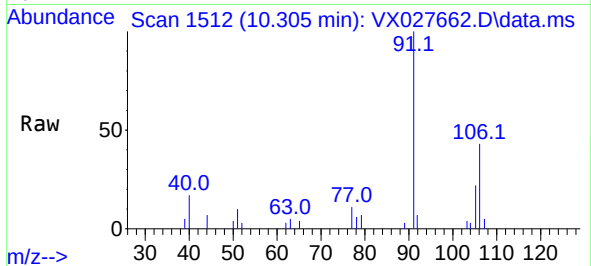




#68
m/p-Xylenes
Concen: 0.284 ug/l
RT: 10.305 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027662.D
Acq: 23 Mar 2022 13:05

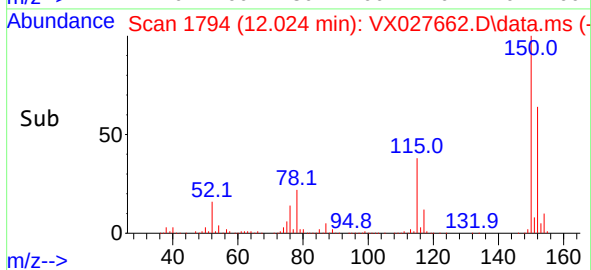
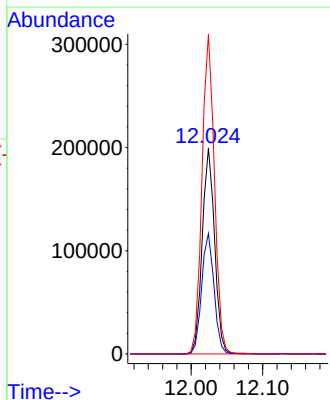
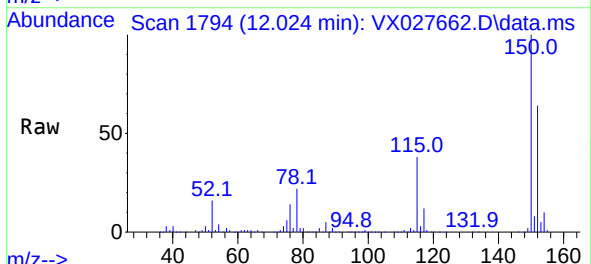
Instrument :
MSVOA_X
ClientSampleId :

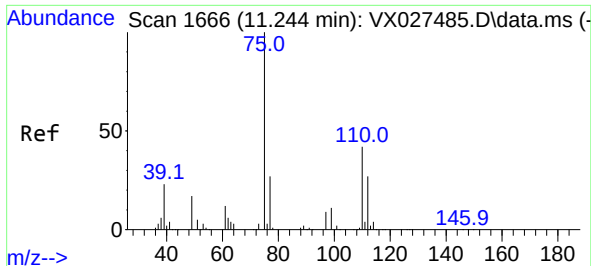
Tgt Ion:106 Resp: 1990
Ion Ratio Lower Upper
106 100
91 206.0 160.4 240.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX027662.D
Acq: 23 Mar 2022 13:05

Tgt Ion:152 Resp: 240997
Ion Ratio Lower Upper
152 100
115 58.4 37.5 112.7
150 155.6 0.0 338.2

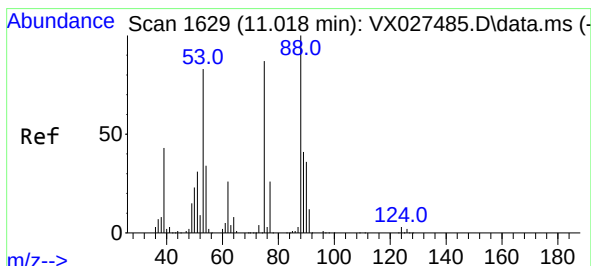
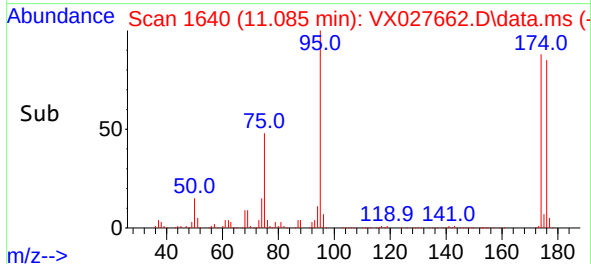
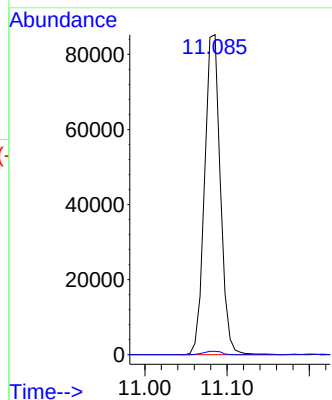
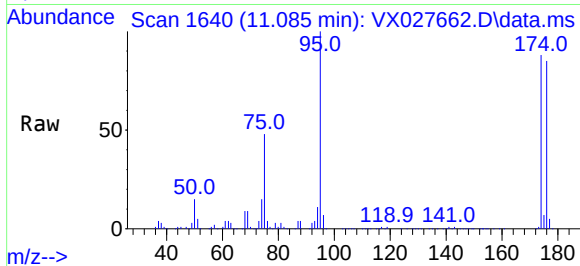




#76
1,2,3-Trichloropropane
Concen: 22.496 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX027662.D
Acq: 23 Mar 2022 13:05

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 113397
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.320 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX027662.D
Acq: 23 Mar 2022 13:05

Tgt Ion: 75 Resp: 113397
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

