

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011922\
 Data File : VX026513.D
 Acq On : 19 Jan 2022 12:51
 Operator : JC/MD
 Sample : N1187-02 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 20963

Quant Time: Jan 20 05:04:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

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

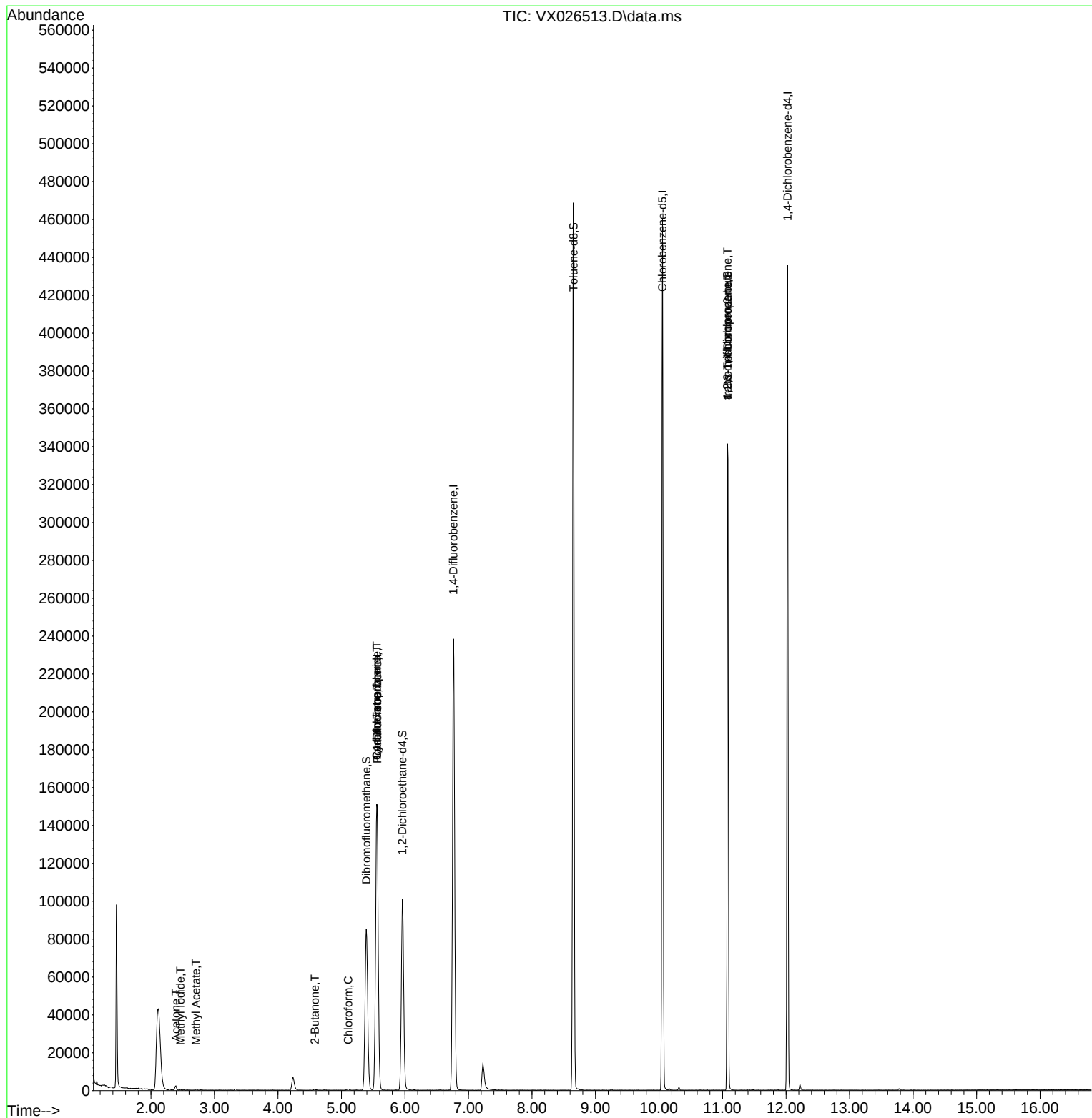
Internal Standards						
1) Pentafluorobenzene	5.562	168	141680	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	240142	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	202986	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85686	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	96545	48.781	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.560%
35) Dibromofluoromethane	5.391	113	76311	49.209	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.420%
50) Toluene-d8	8.653	98	275238	49.253	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.500%
62) 4-Bromofluorobenzene	11.079	95	96275	48.497	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.000%
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.465	142	369	4.647	ug/l #	72
16) Acetone	2.392	43	2958	2.931	ug/l	100
18) Methyl Acetate	2.709	43	632	0.315	ug/l #	76
25) 2-Butanone	4.580	43	869	0.662	ug/l #	86
30) Chloroform	5.105	83	948	0.306	ug/l	87
31) Cyclohexane	5.556	56	2847	0.975	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	11365	4.642	ug/l #	50
38) Carbon Tetrachloride	5.556	117	15072	5.985	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	48612	25.767	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	48612	78.168	ug/l #	3

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

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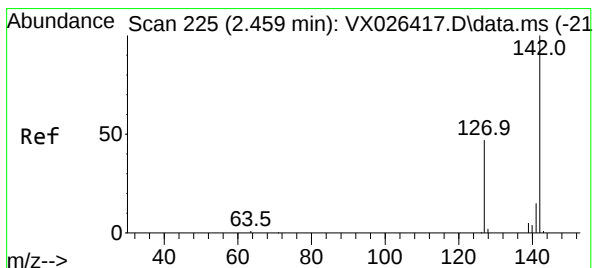
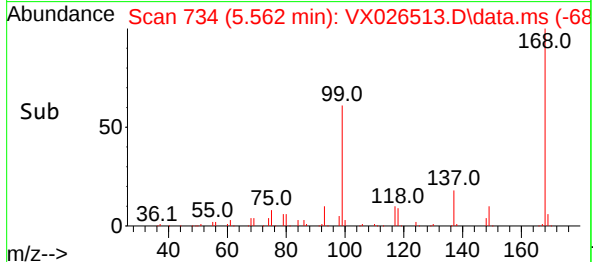
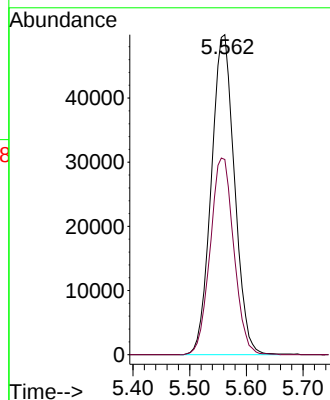
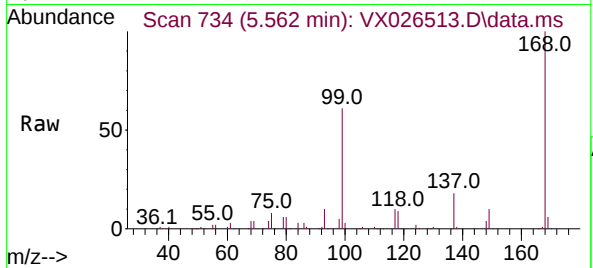




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026513.D
Acq: 19 Jan 2022 12:51

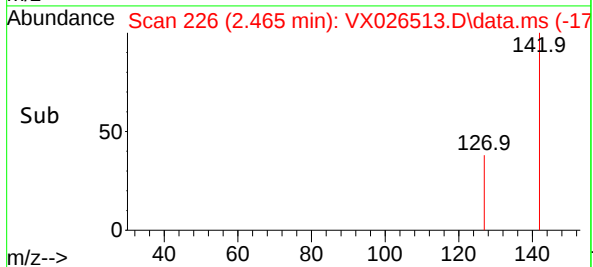
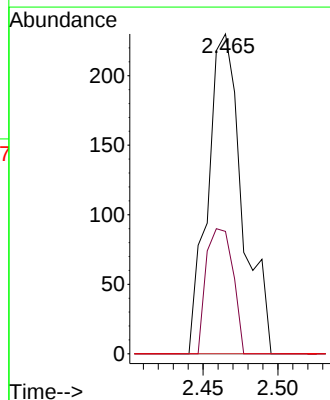
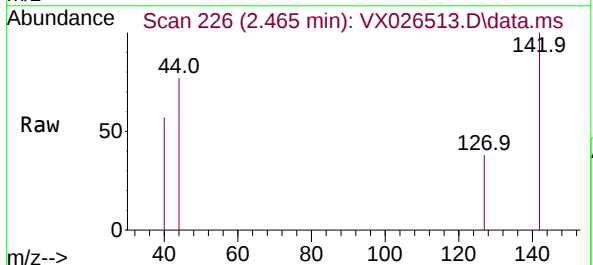
Instrument :
MSVOA_X
ClientSampleId :
20963

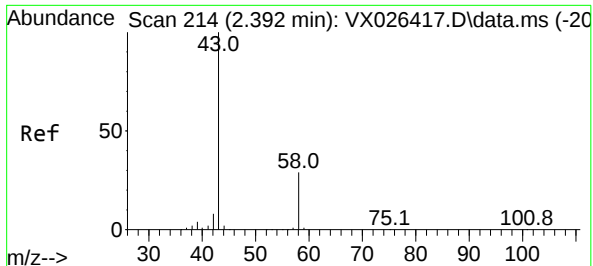
Tgt Ion:168 Resp: 141680
Ion Ratio Lower Upper
168 100
99 61.0 50.3 75.5



#10
Methyl Iodide
Concen: 4.647 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.006 min
Lab File: VX026513.D
Acq: 19 Jan 2022 12:51

Tgt Ion:142 Resp: 369
Ion Ratio Lower Upper
142 100
127 30.4 38.1 57.1#
141 0.0 11.2 16.8#

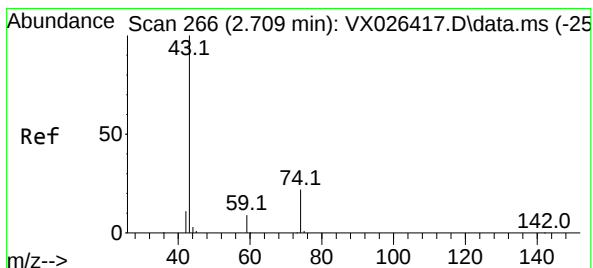
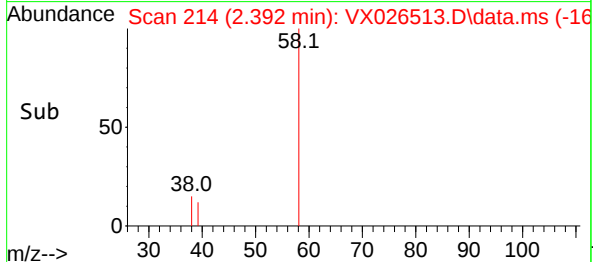
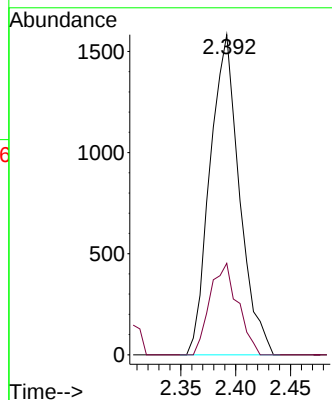
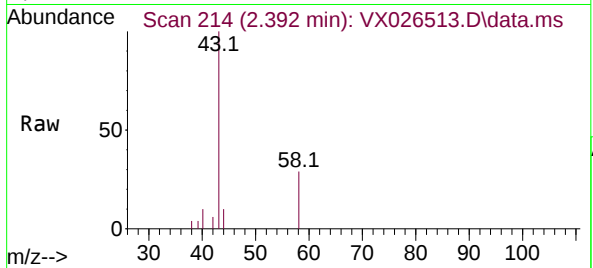




#16
Acetone
Concen: 2.931 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX026513.D
Acq: 19 Jan 2022 12:51

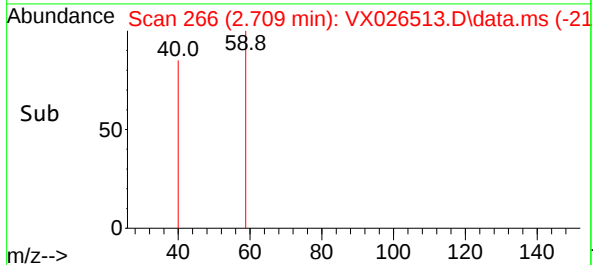
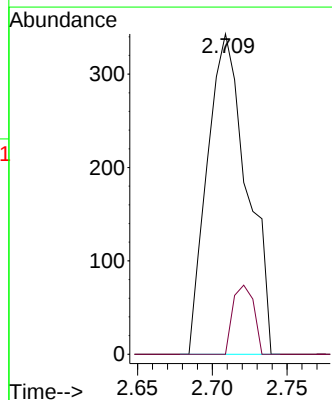
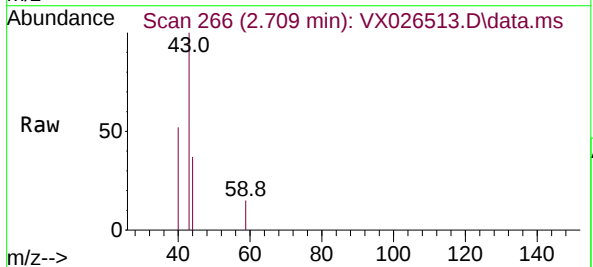
Instrument :
MSVOA_X
ClientSampleId :
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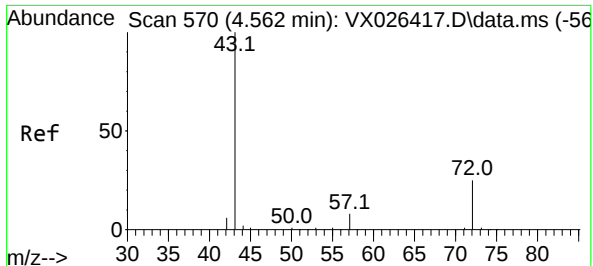
Tgt Ion: 43 Resp: 2958
Ion Ratio Lower Upper
43 100
58 28.6 23.0 34.6



#18
Methyl Acetate
Concen: 0.315 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX026513.D
Acq: 19 Jan 2022 12:51

Tgt Ion: 43 Resp: 632
Ion Ratio Lower Upper
43 100
74 11.4 18.3 27.5#





#25

2-Butanone

Concen: 0.662 ug/l

RT: 4.580 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX026513.D

Acq: 19 Jan 2022 12:51

Instrument :

MSVOA_X

ClientSampleId :

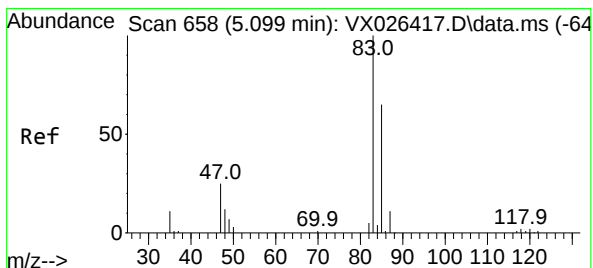
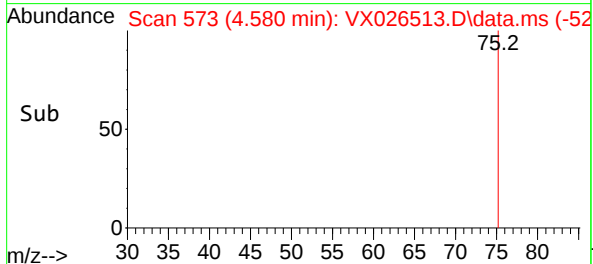
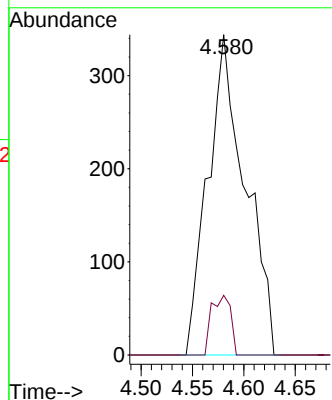
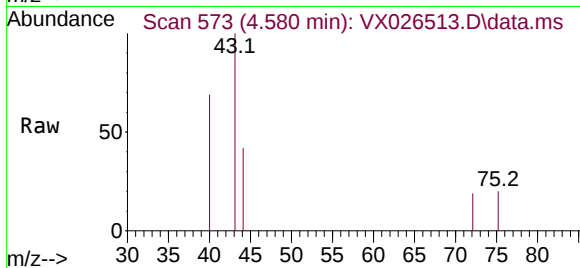
20963

Tgt Ion: 43 Resp: 869

Ion Ratio Lower Upper

43 100

72 18.6 20.4 30.6#



#30

Chloroform

Concen: 0.306 ug/l

RT: 5.105 min Scan# 659

Delta R.T. 0.006 min

Lab File: VX026513.D

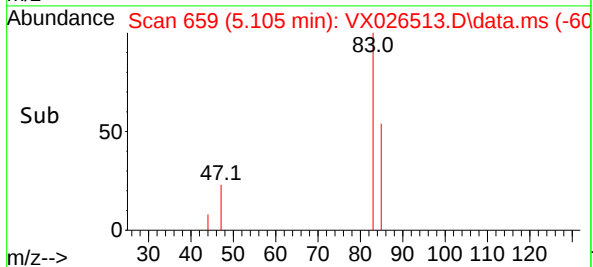
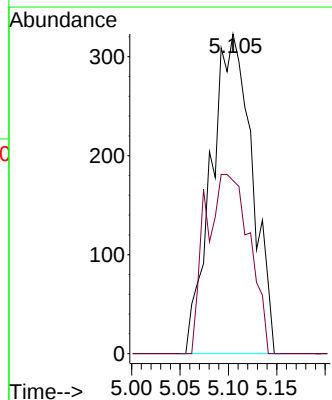
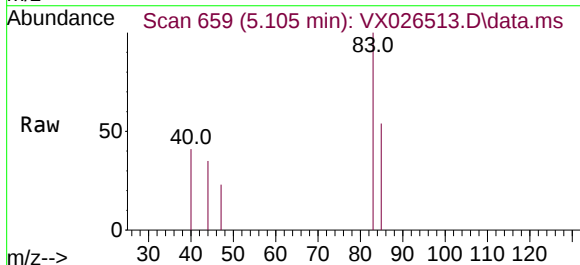
Acq: 19 Jan 2022 12:51

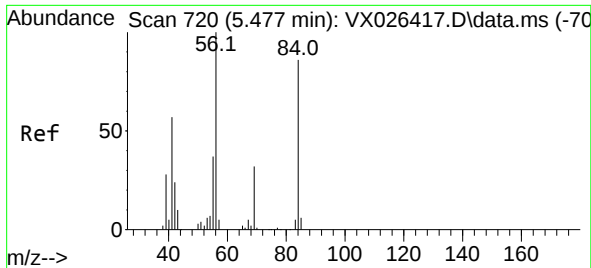
Tgt Ion: 83 Resp: 948

Ion Ratio Lower Upper

83 100

85 54.2 51.6 77.4

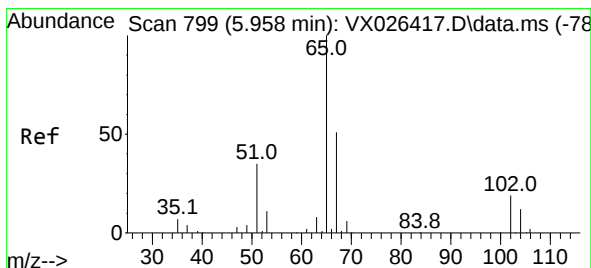
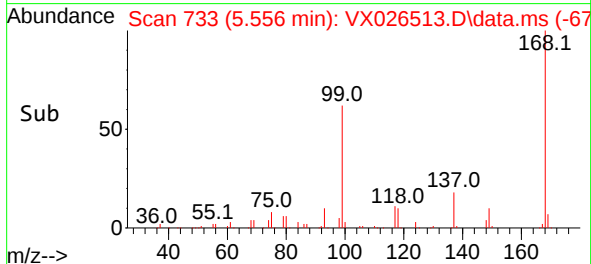
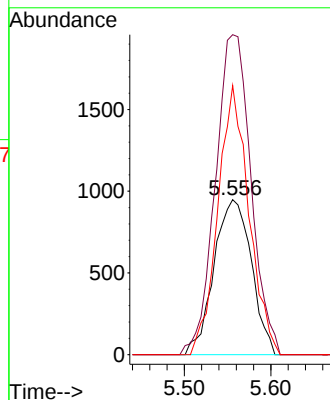
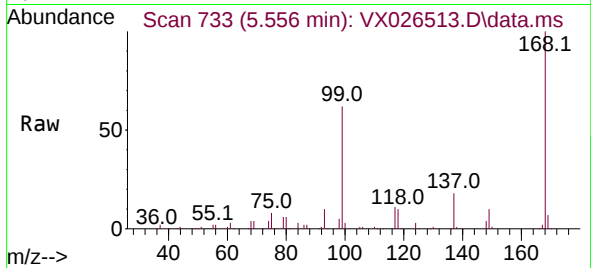




#31
Cyclohexane
Concen: 0.975 ug/l
RT: 5.556 min Scan# 713
Delta R.T. 0.079 min
Lab File: VX026513.D
Acq: 19 Jan 2022 12:51

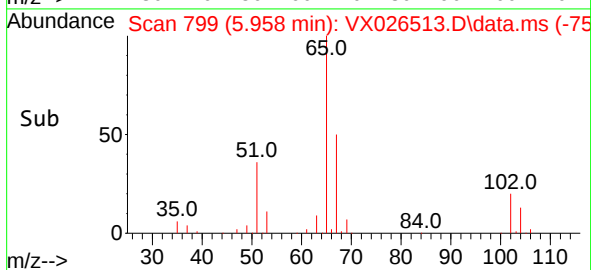
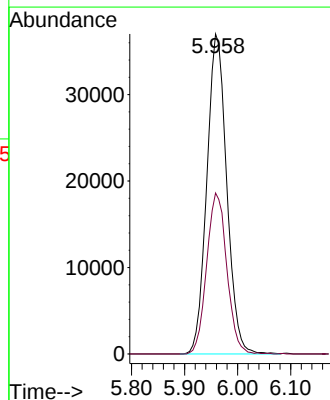
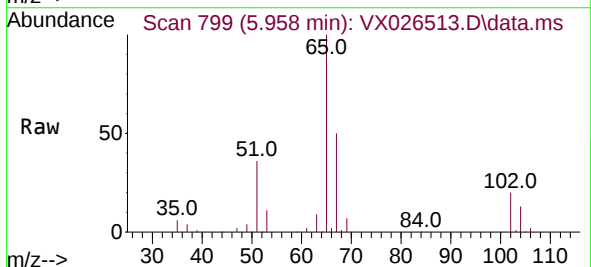
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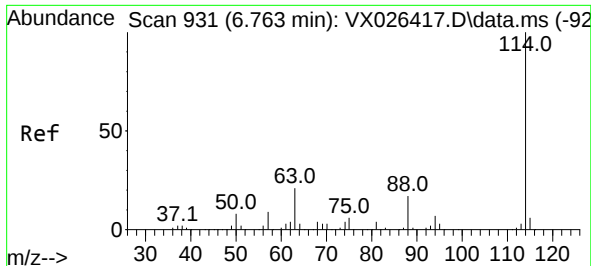
Tgt Ion: 56 Resp: 2847
Ion Ratio Lower Upper
56 100
69 206.3 25.8 38.6#
84 173.6 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 48.781 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX026513.D
Acq: 19 Jan 2022 12:51

Tgt Ion: 65 Resp: 96545
Ion Ratio Lower Upper
65 100
67 50.9 0.0 100.8

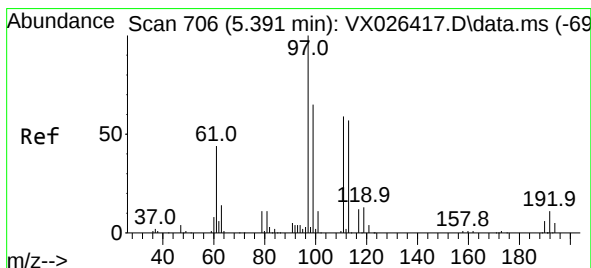
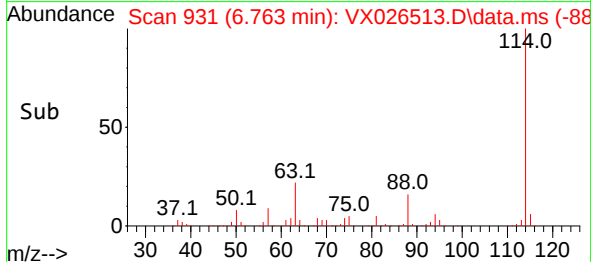
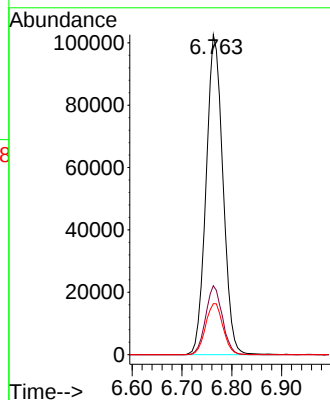
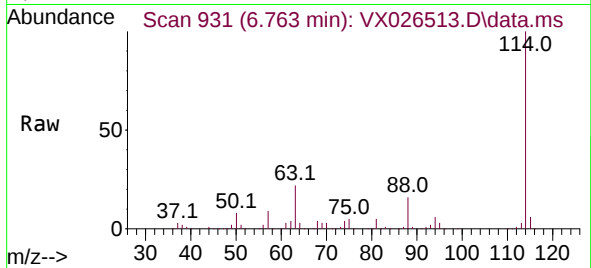




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX026513.D
Acq: 19 Jan 2022 12:51

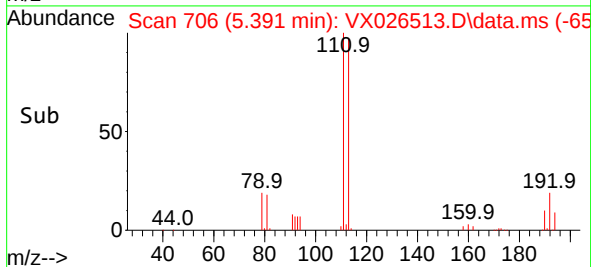
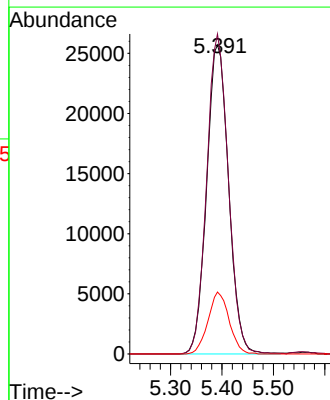
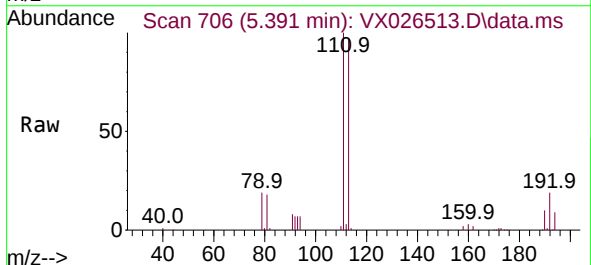
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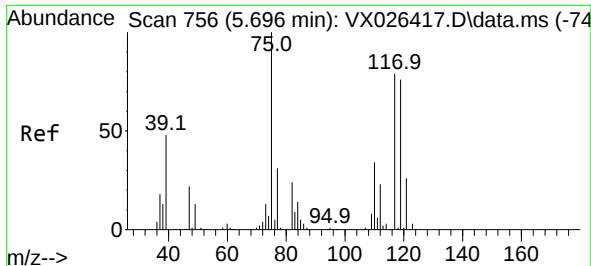
Tgt Ion:114 Resp: 240142
Ion Ratio Lower Upper
114 100
63 21.6 0.0 42.8
88 16.0 0.0 33.0



#35
Dibromofluoromethane
Concen: 49.209 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026513.D
Acq: 19 Jan 2022 12:51

Tgt Ion:113 Resp: 76311
Ion Ratio Lower Upper
113 100
111 101.9 81.2 121.8
192 19.2 15.0 22.4

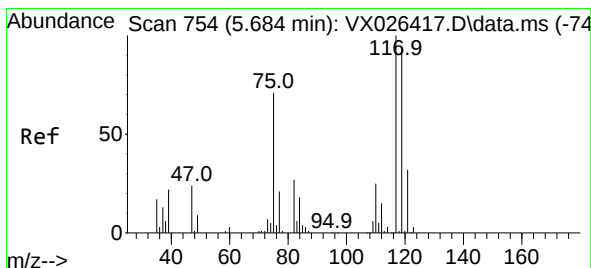
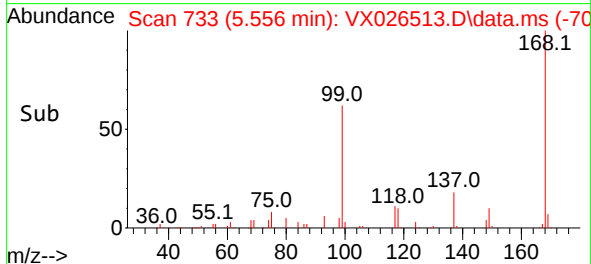
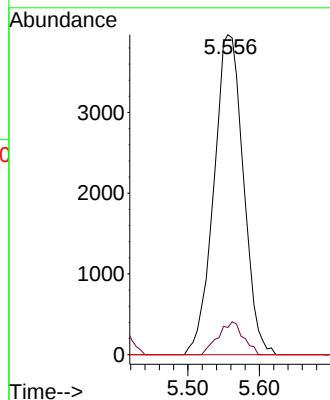
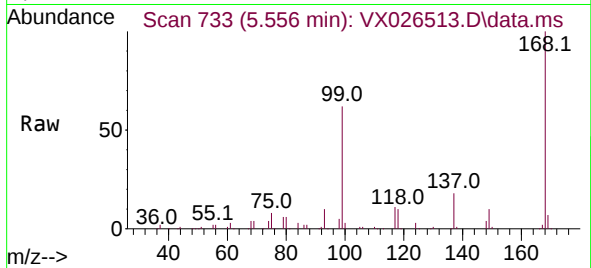




#36
1,1-Dichloropropene
Concen: 4.642 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX026513.D
Acq: 19 Jan 2022 12:51

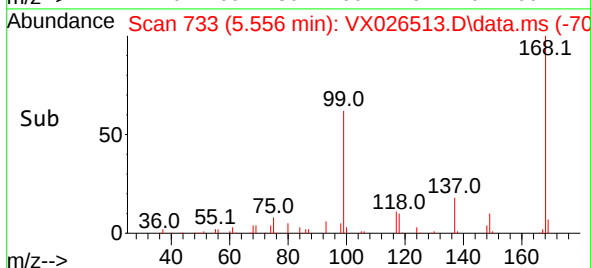
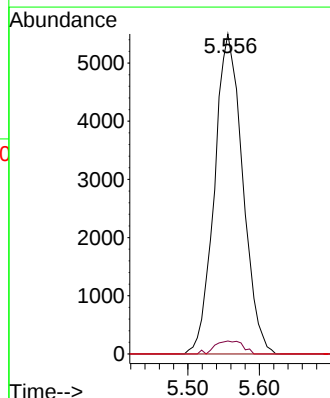
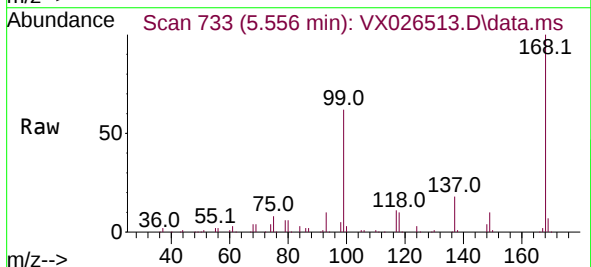
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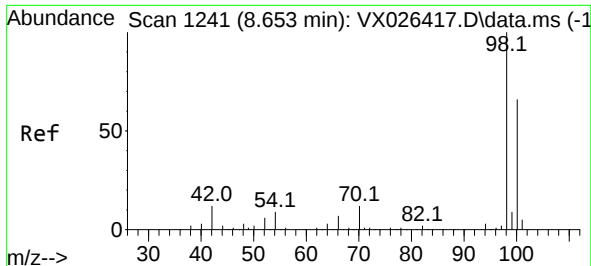
Tgt Ion: 75 Resp: 11365
Ion Ratio Lower Upper
75 100
110 8.7 17.2 51.6#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 5.985 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX026513.D
Acq: 19 Jan 2022 12:51

Tgt Ion: 117 Resp: 15072
Ion Ratio Lower Upper
117 100
119 4.1 74.7 112.1#
121 0.0 25.4 38.0#

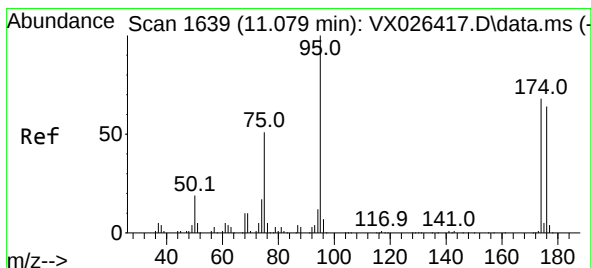
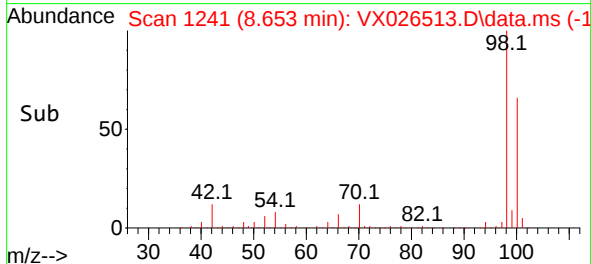
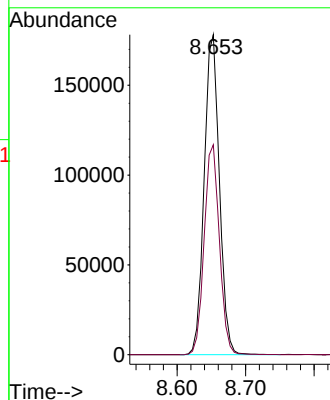
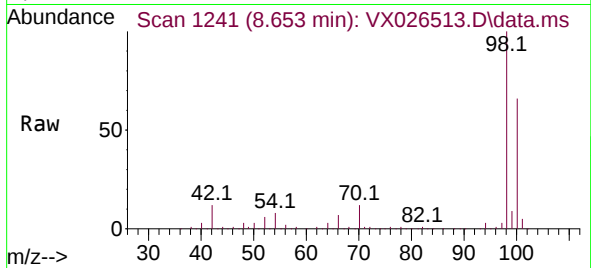




#50
Toluene-d8
Concen: 49.253 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026513.D
Acq: 19 Jan 2022 12:51

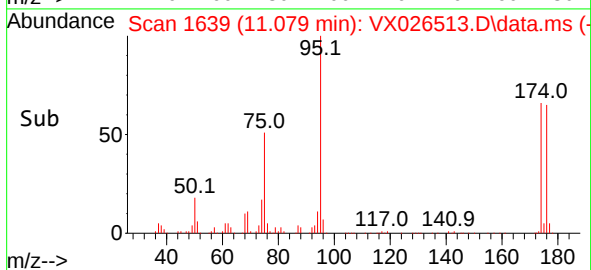
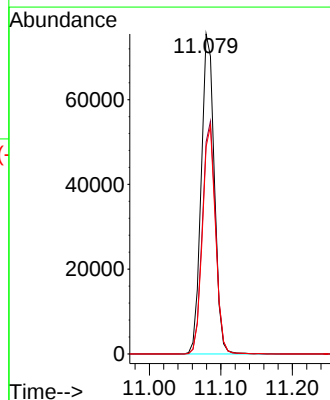
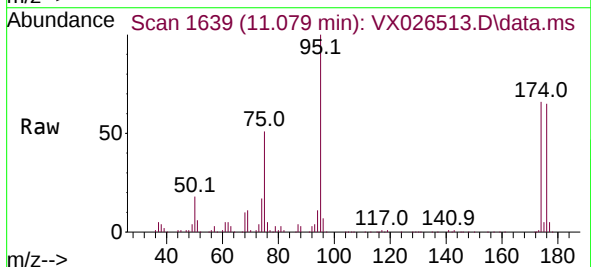
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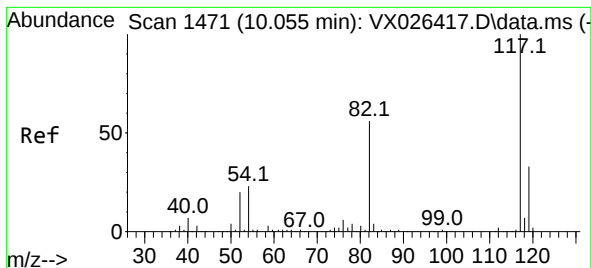
Tgt Ion: 98 Resp: 275238
Ion Ratio Lower Upper
98 100
100 65.7 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 48.497 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026513.D
Acq: 19 Jan 2022 12:51

Tgt Ion: 95 Resp: 96275
Ion Ratio Lower Upper
95 100
174 73.1 0.0 148.6
176 70.9 0.0 141.4

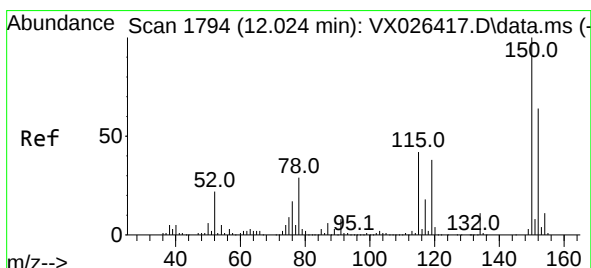
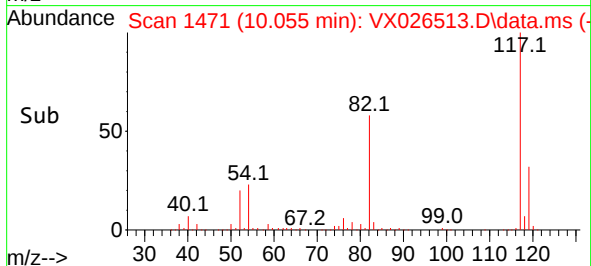
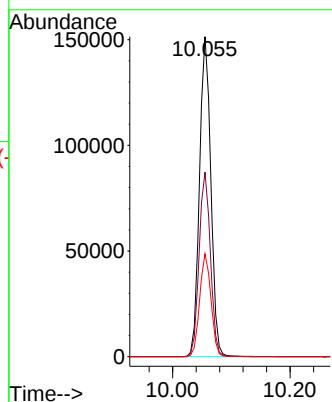
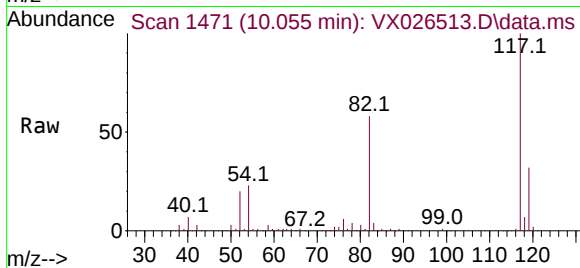




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026513.D
Acq: 19 Jan 2022 12:51

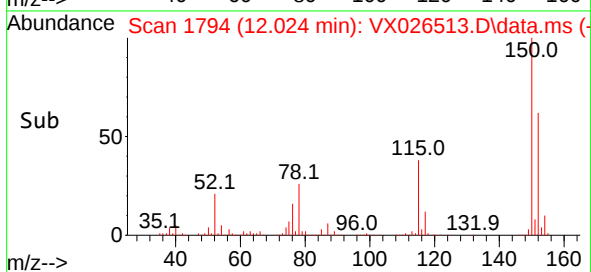
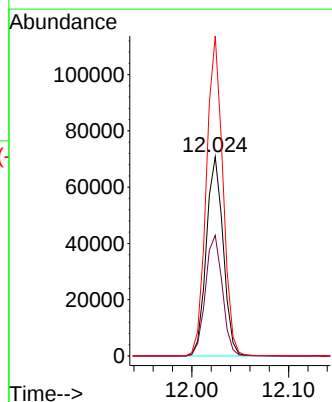
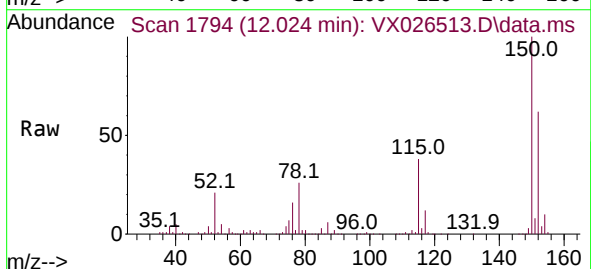
Instrument :
MSVOA_X
ClientSampleId :
20963

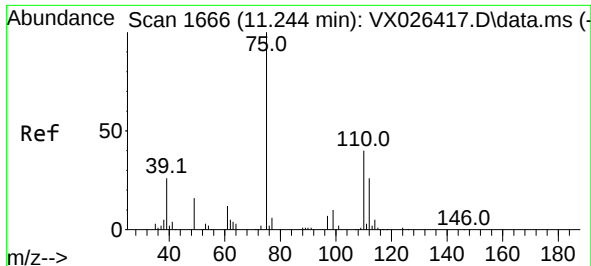
Tgt Ion:117 Resp: 202986
Ion Ratio Lower Upper
117 100
82 57.7 45.2 67.8
119 32.2 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026513.D
Acq: 19 Jan 2022 12:51

Tgt Ion:152 Resp: 85686
Ion Ratio Lower Upper
152 100
115 61.1 44.2 132.6
150 157.8 0.0 348.2

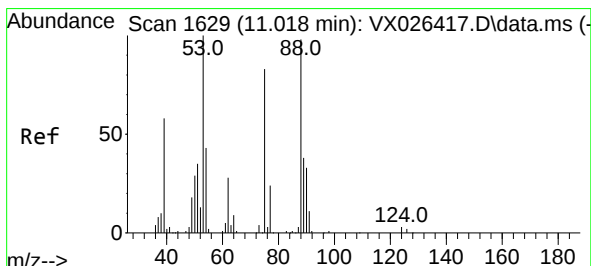
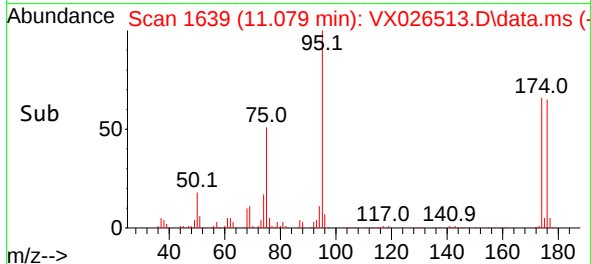
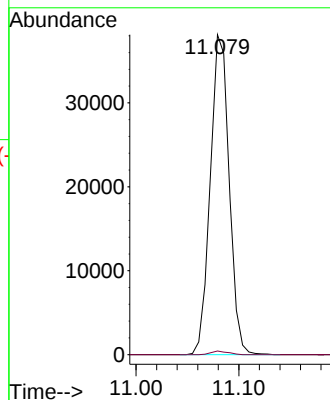
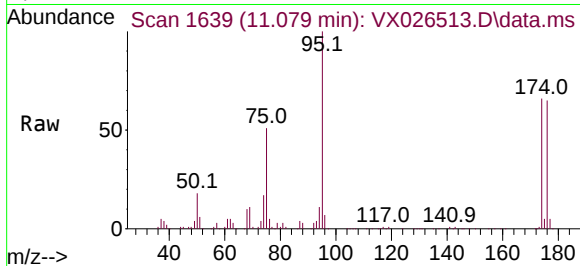




#76
1,2,3-Trichloropropane
Concen: 25.767 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026513.D
Acq: 19 Jan 2022 12:51

Instrument :
MSVOA_X
ClientSampleId :
20963

Tgt Ion: 75 Resp: 48612
Ion Ratio Lower Upper
75 100
77 1.0 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.168 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026513.D
Acq: 19 Jan 2022 12:51

Tgt Ion: 75 Resp: 48612
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

