

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050422\
 Data File : VX028519.D
 Acq On : 04 May 2022 14:08
 Operator : JC/MD
 Sample : VX0504WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504WBL01

Quant Time: May 05 03:17:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

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

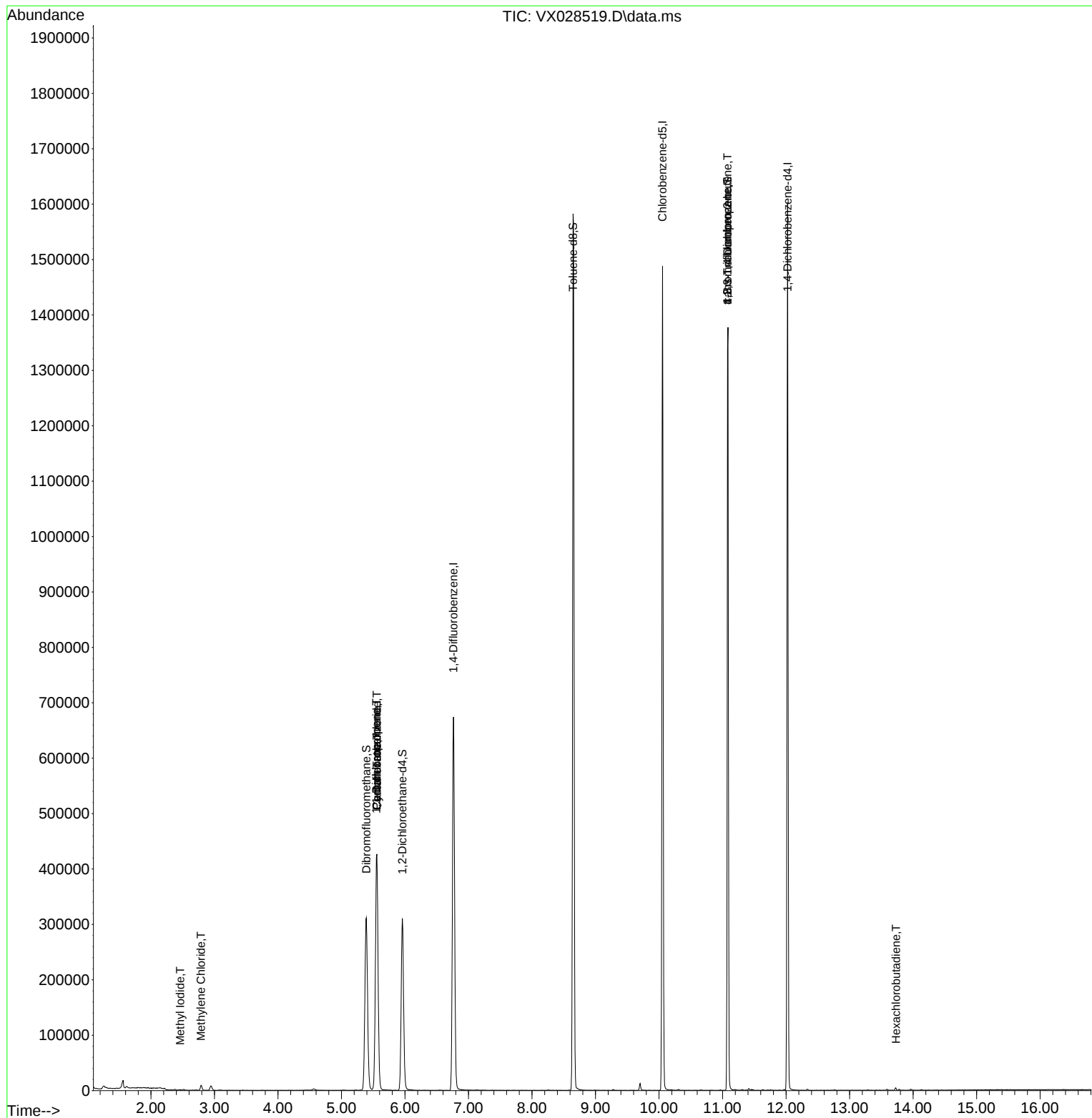
Internal Standards						
1) Pentafluorobenzene	5.556	168	427620	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	722379	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	698180	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	324012	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	292223	52.410	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 104.820%	
35) Dibromofluoromethane	5.391	113	273054	53.899	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 107.800%	
50) Toluene-d8	8.647	98	988900	50.824	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 101.640%	
62) 4-Bromofluorobenzene	11.079	95	358658	48.209	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 96.420%	
Target Compounds						Qvalue
3) Chloromethane	1.294	50	541	Below Cal		95
5) Bromomethane	1.617	94	1650	Below Cal		89
6) Chloroethane	1.660	64	122	Below Cal	#	43
8) Diethyl Ether	2.026	74	26	Below Cal	#	7
10) Methyl Iodide	2.459	142	1051	5.433	ug/l #	88
11) Tert butyl alcohol	2.940	59	4417	Below Cal	#	72
16) Acetone	2.380	43	1398	Below Cal		89
20) Methylene Chloride	2.788	84	4153	1.004	ug/l	100
31) Cyclohexane	5.556	56	8323	1.225	ug/l #	6
36) 1,1-Dichloropropene	5.550	75	30581	4.628	ug/l #	50
38) Carbon Tetrachloride	5.556	117	40972	5.492	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	180221	28.262	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	180221	83.988	ug/l #	15
94) Hexachlorobutadiene	13.731	225	751	0.261	ug/l	90

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

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Quant Title : SW846 8260
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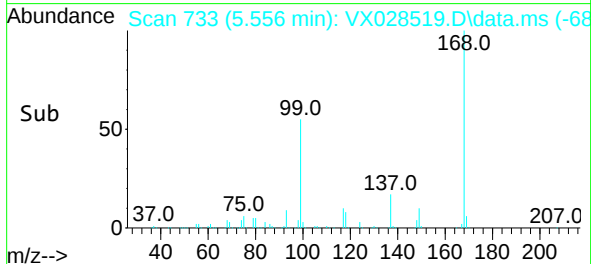
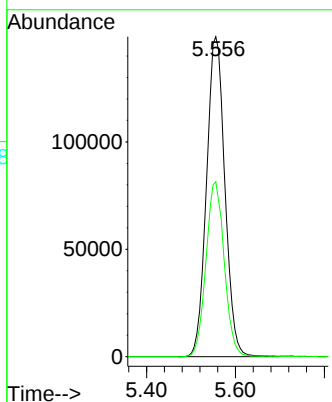
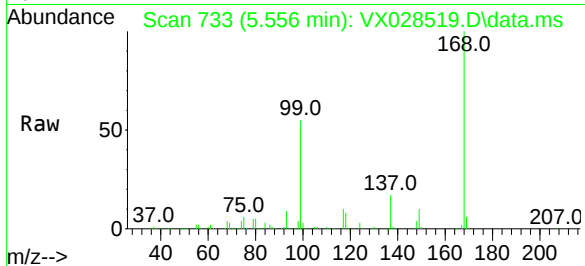




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028519.D
Acq: 04 May 2022 14:08

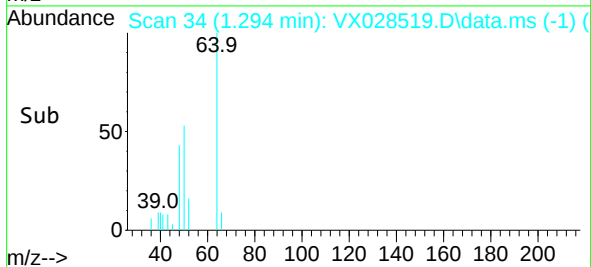
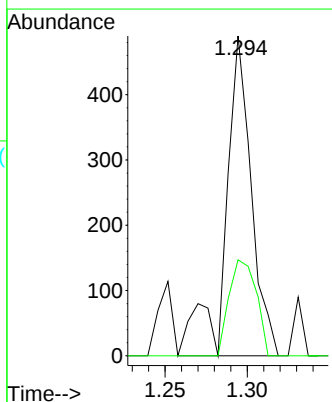
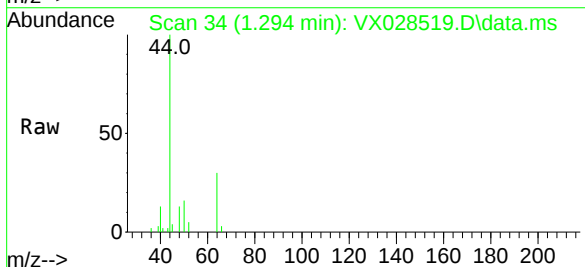
Instrument :
MSVOA_X
ClientSampleId :
VX0504WBL01

Tgt Ion:168 Resp: 427620
Ion Ratio Lower Upper
168 100
99 54.7 41.7 62.5



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX028519.D
Acq: 04 May 2022 14:08

Tgt Ion: 50 Resp: 541
Ion Ratio Lower Upper
50 100
52 30.0 26.4 39.6

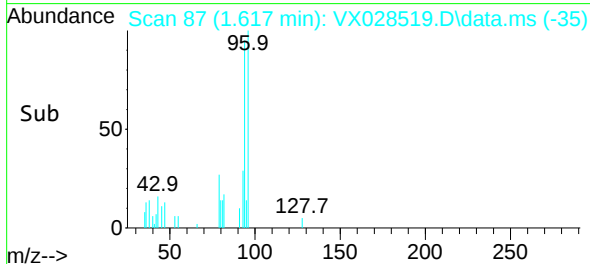
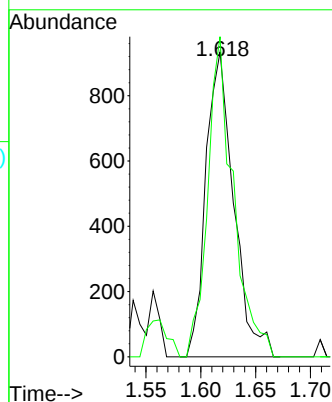
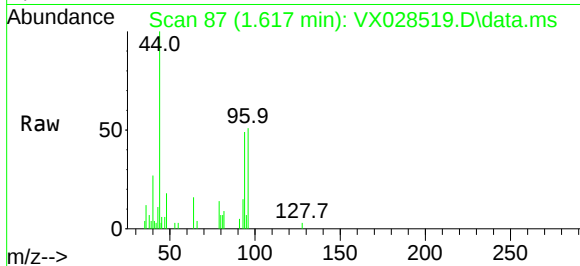




#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 81
Delta R.T. 0.018 min
Lab File: VX028519.D
Acq: 04 May 2022 14:08

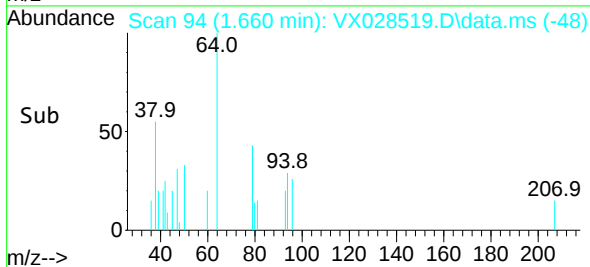
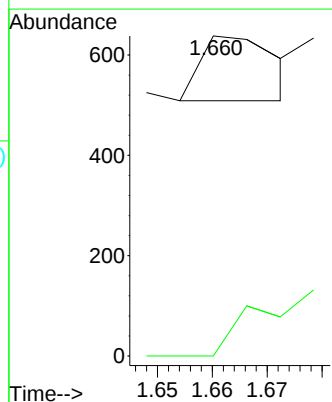
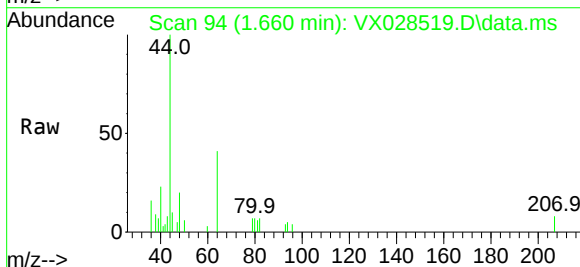
Instrument :
MSVOA_X
ClientSampleId :
VX0504WBL01

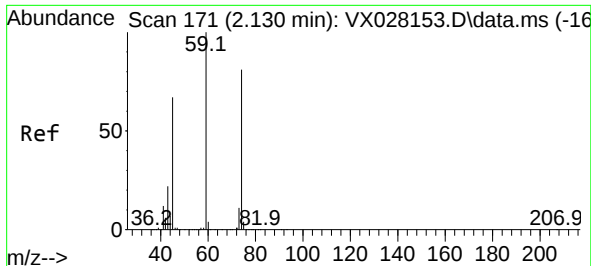
Tgt Ion: 94 Resp: 1650
Ion Ratio Lower Upper
94 100
96 105.0 75.3 112.9



#6
Chloroethane
Concen: Below Cal
RT: 1.660 min Scan# 94
Delta R.T. -0.018 min
Lab File: VX028519.D
Acq: 04 May 2022 14:08

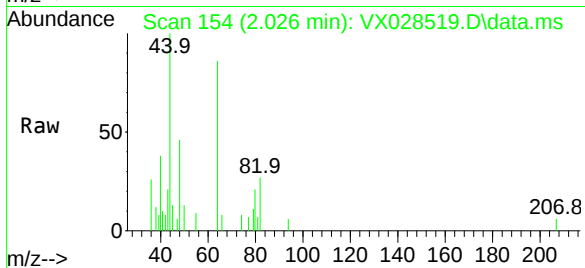
Tgt Ion: 64 Resp: 122
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



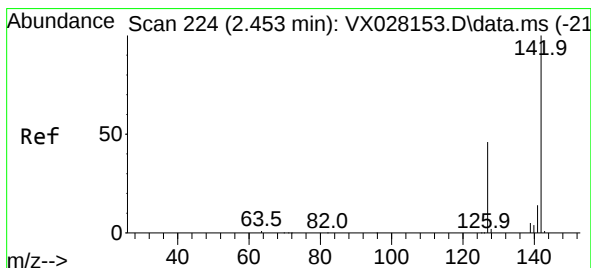
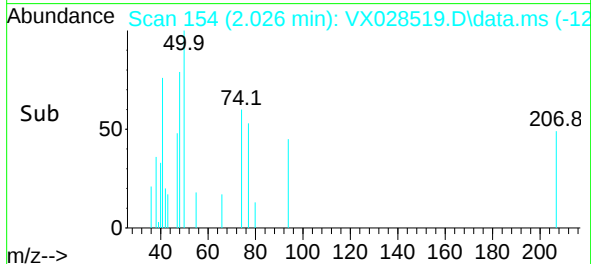
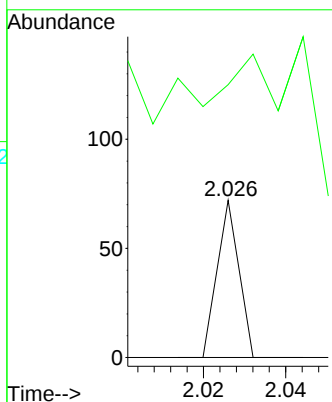


#8
Diethyl Ether
Concen: Below Cal
RT: 2.026 min Scan# 11
Delta R.T. -0.104 min
Lab File: VX028519.D
Acq: 04 May 2022 14:08

Instrument :
MSVOA_X
ClientSampleId :
VX0504WBL01

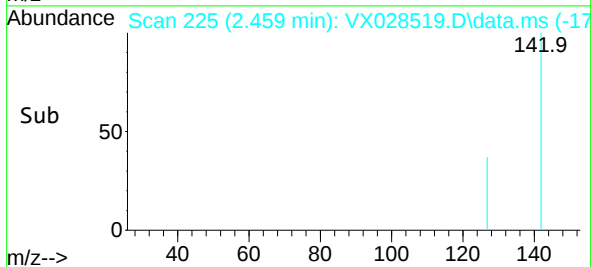
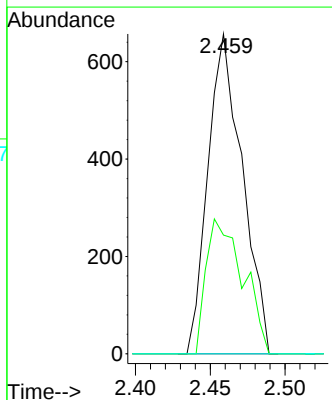
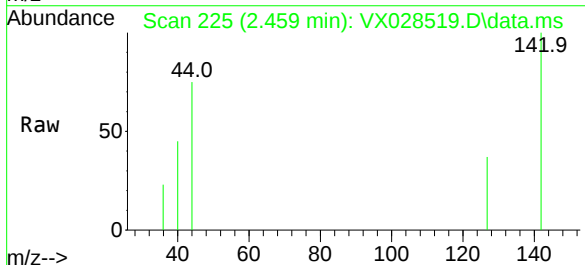


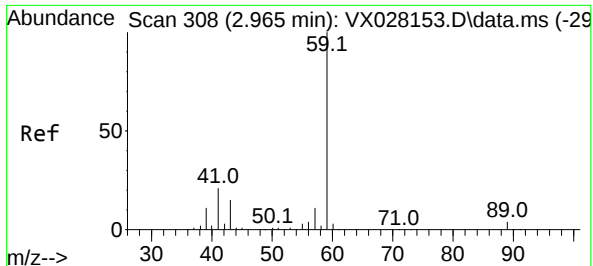
Tgt Ion: 74 Resp: 26
Ion Ratio Lower Upper
74 100
45 0.0 42.0 126.0#



#10
Methyl Iodide
Concen: 5.433 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX028519.D
Acq: 04 May 2022 14:08

Tgt Ion: 142 Resp: 1051
Ion Ratio Lower Upper
142 100
127 45.1 33.9 50.9
141 0.0 11.4 17.2#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.940 min Scan# 308

Delta R.T. -0.025 min

Lab File: VX028519.D

Acq: 04 May 2022 14:08

Instrument :

MSVOA_X

ClientSampleId :

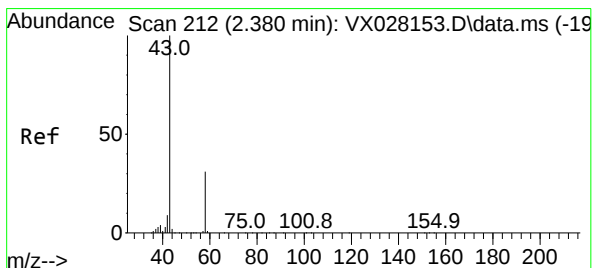
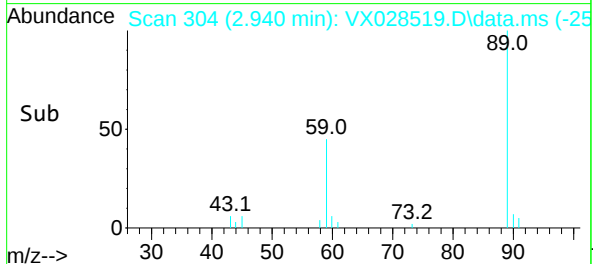
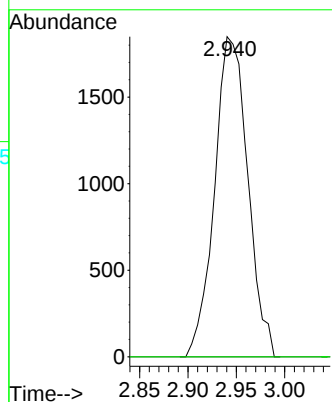
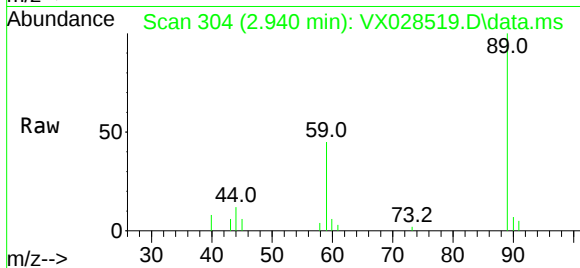
VX0504WBL01

Tgt Ion: 59 Resp: 4417

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: VX028519.D

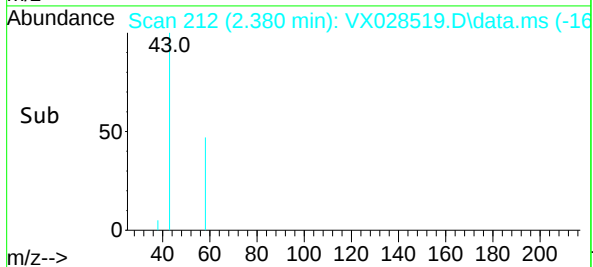
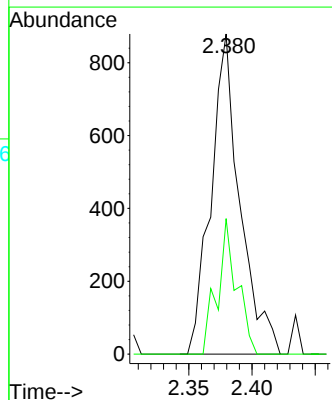
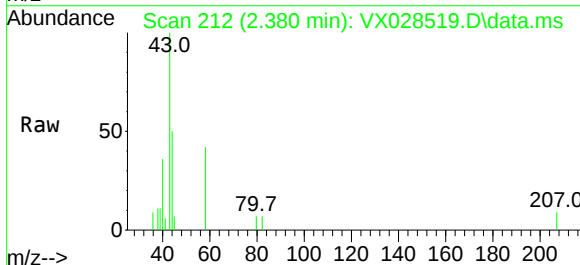
Acq: 04 May 2022 14:08

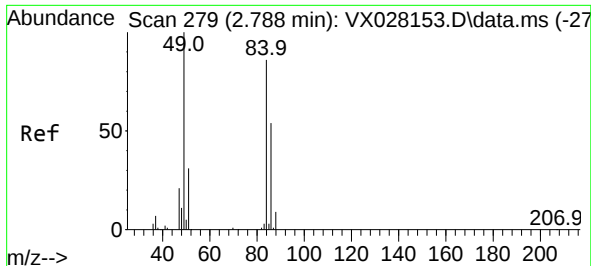
Tgt Ion: 43 Resp: 1398

Ion Ratio Lower Upper

43 100

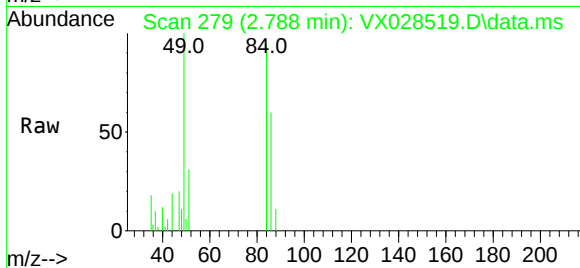
58 42.3 28.8 43.2



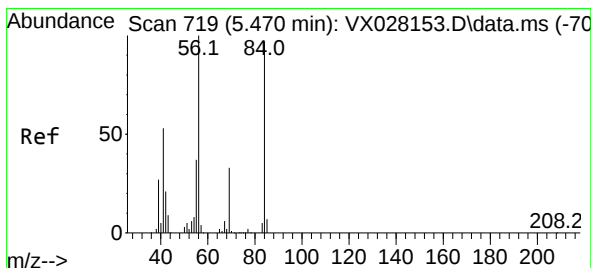
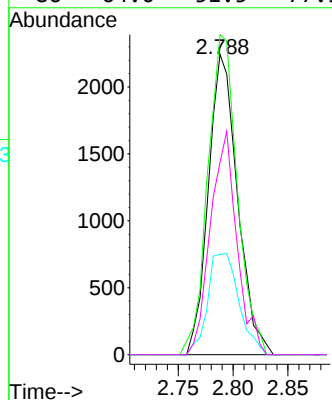


#20
Methylene Chloride
Concen: 1.004 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX028519.D
Acq: 04 May 2022 14:08

Instrument :
MSVOA_X
ClientSampleId :
VX0504WBL01

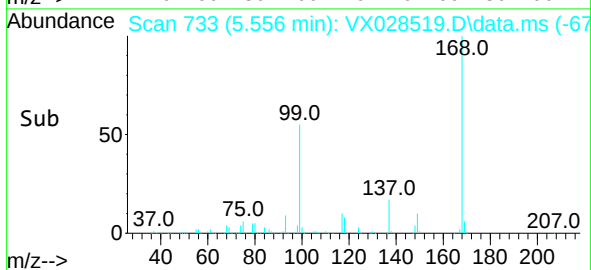
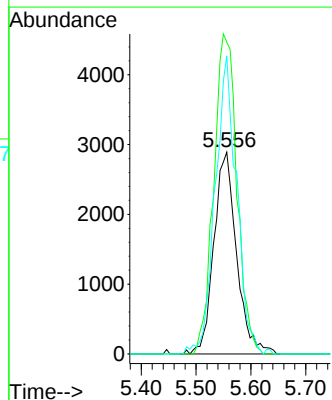
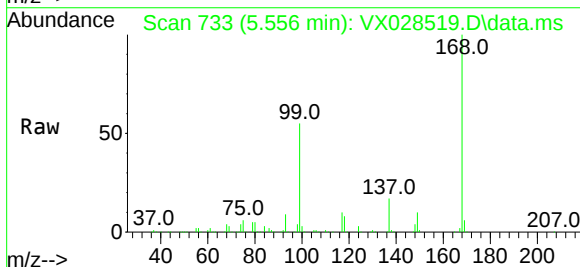


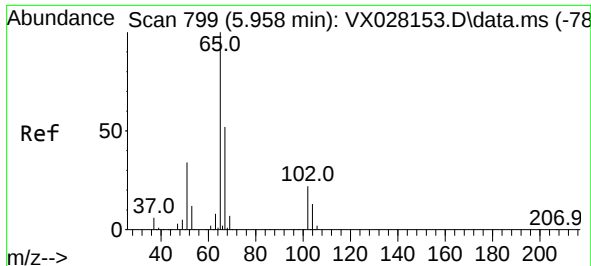
Tgt Ion:	84	Resp:	4153
Ion	Ratio	Lower	Upper
84	100		
49	106.6	85.5	128.3
51	33.4	26.6	39.8
86	64.0	51.5	77.3



#31
Cyclohexane
Concen: 1.225 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.086 min
Lab File: VX028519.D
Acq: 04 May 2022 14:08

Tgt Ion:	56	Resp:	8323
Ion	Ratio	Lower	Upper
56	100		
69	154.6	26.7	40.1#
84	147.8	77.2	115.8#





#33

1,2-Dichloroethane-d4

Concen: 52.410 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028519.D

Acq: 04 May 2022 14:08

Instrument :

MSVOA_X

ClientSampleId :

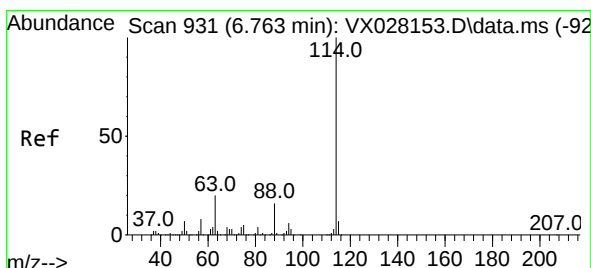
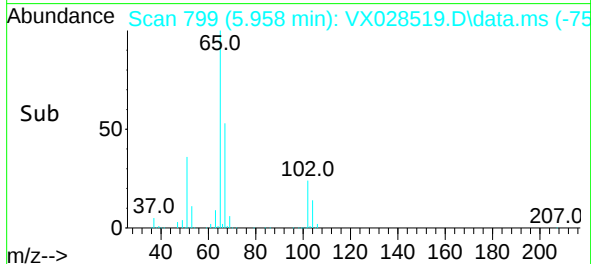
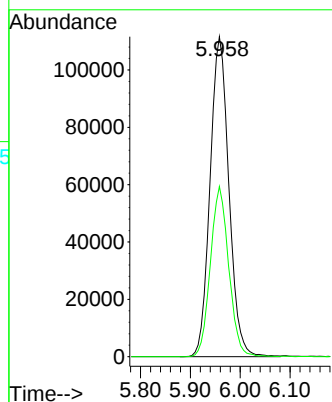
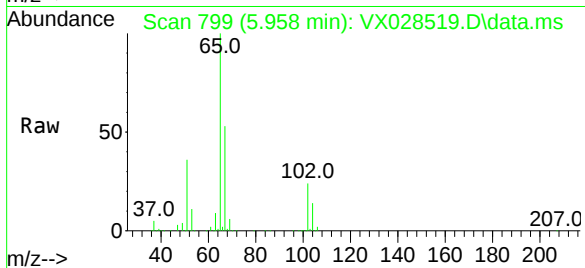
VX0504WBL01

Tgt Ion: 65 Resp: 292223

Ion Ratio Lower Upper

65 100

67 51.9 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: VX028519.D

Acq: 04 May 2022 14:08

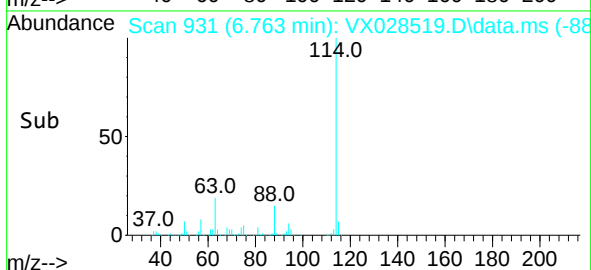
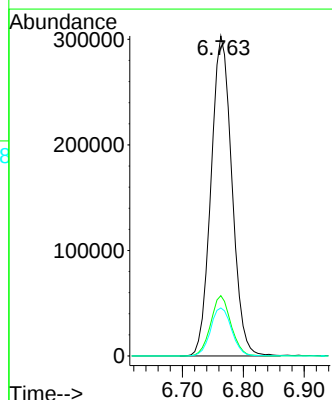
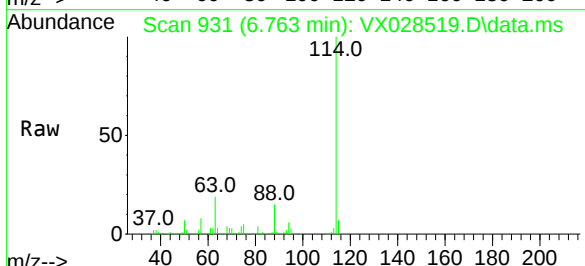
Tgt Ion: 114 Resp: 722379

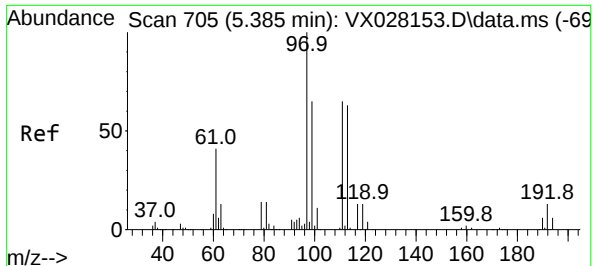
Ion Ratio Lower Upper

114 100

63 18.8 0.0 36.8

88 15.0 0.0 32.4





#35

Dibromofluoromethane

Concen: 53.899 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX028519.D

Acq: 04 May 2022 14:08

Instrument :

MSVOA_X

ClientSampleId :

VX0504WBL01

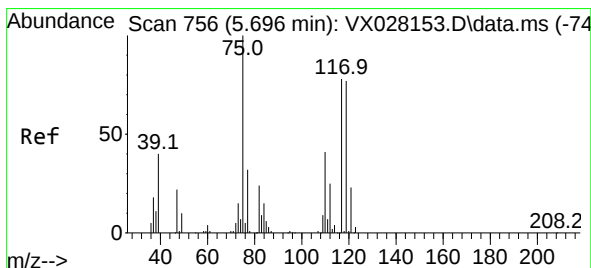
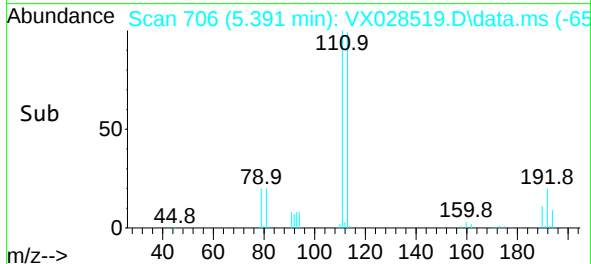
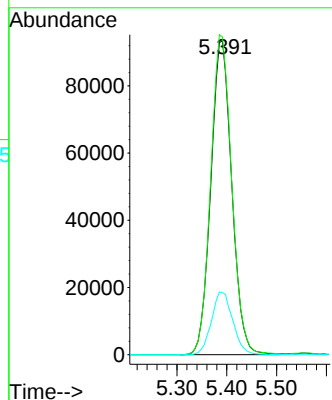
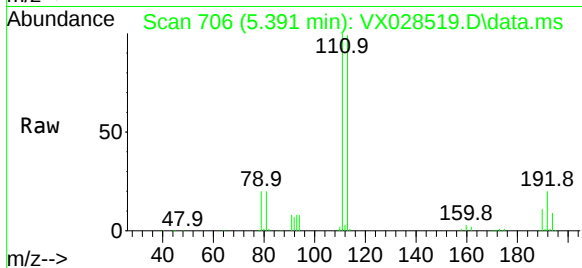
Tgt Ion:113 Resp: 273054

Ion Ratio Lower Upper

113 100

111 102.3 82.8 124.2

192 20.3 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.628 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX028519.D

Acq: 04 May 2022 14:08

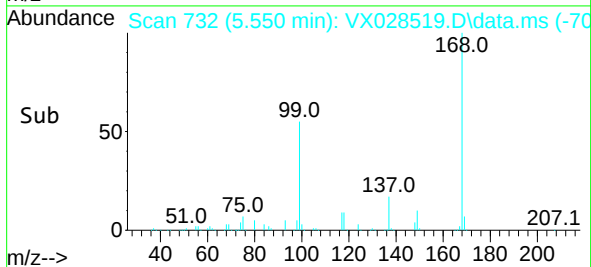
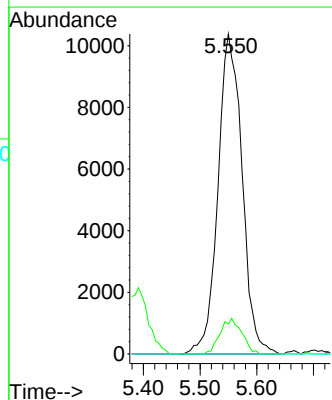
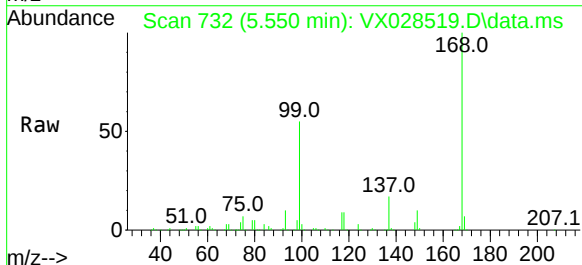
Tgt Ion: 75 Resp: 30581

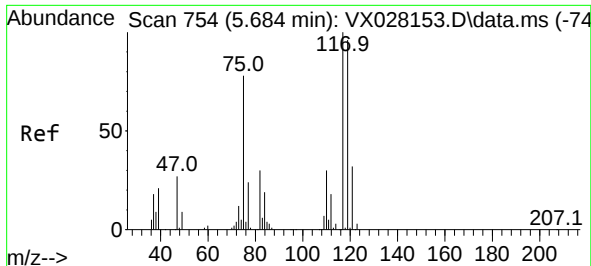
Ion Ratio Lower Upper

75 100

110 10.0 18.3 54.8#

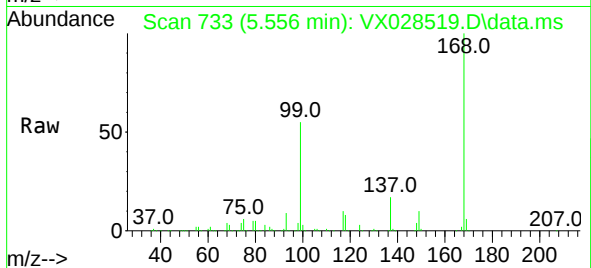
77 0.0 24.8 37.2#



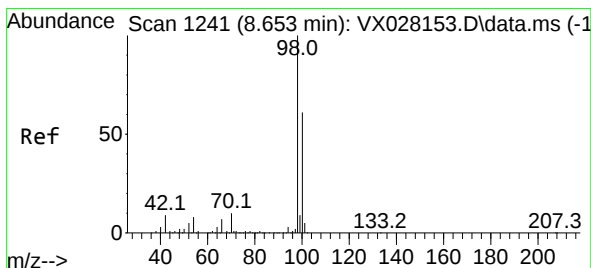
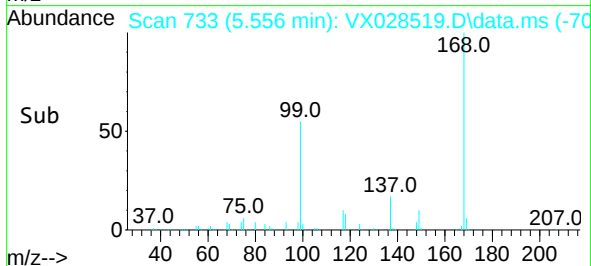
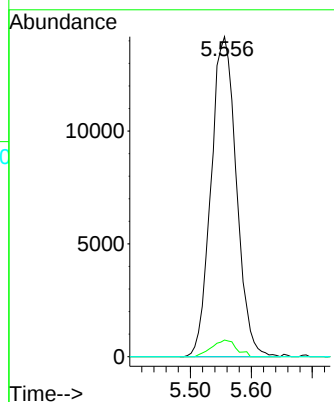


#38
Carbon Tetrachloride
Concen: 5.492 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX028519.D
Acq: 04 May 2022 14:08

Instrument :
MSVOA_X
ClientSampleId :
VX0504WBL01

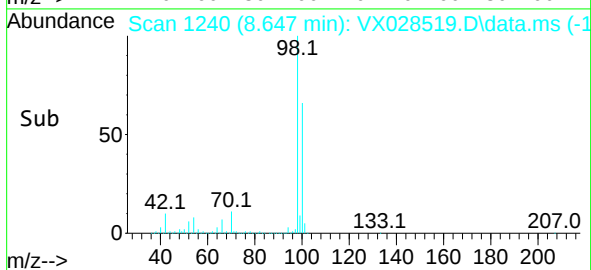
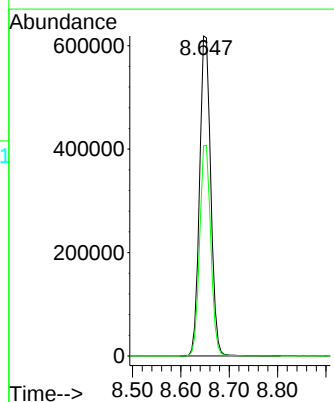
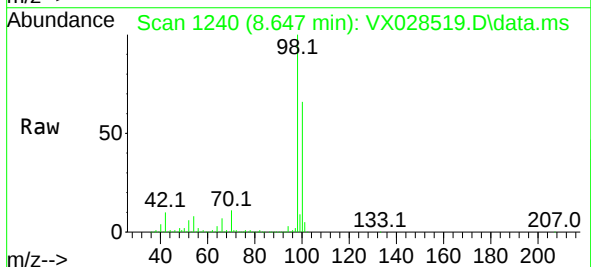


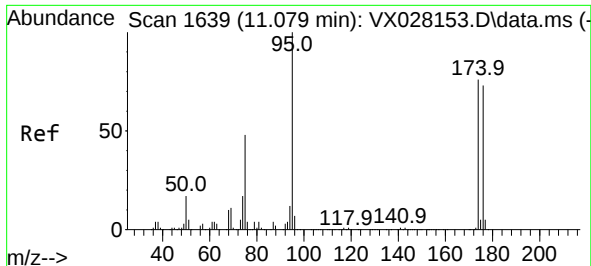
Tgt Ion:117 Resp: 40972
Ion Ratio Lower Upper
117 100
119 5.2 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 50.824 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX028519.D
Acq: 04 May 2022 14:08

Tgt Ion: 98 Resp: 988900
Ion Ratio Lower Upper
98 100
100 65.6 52.6 78.8

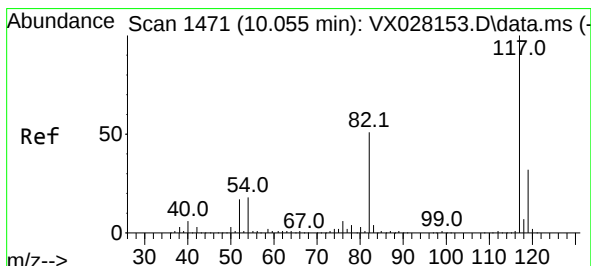
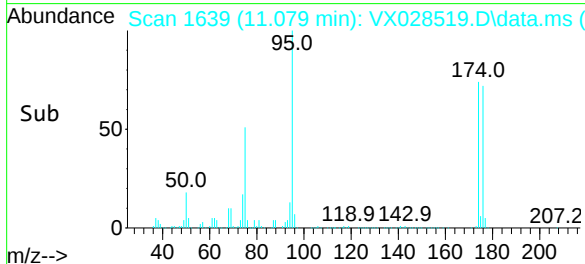
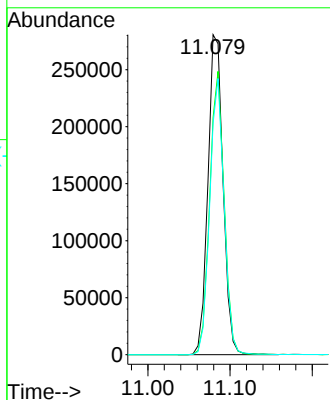
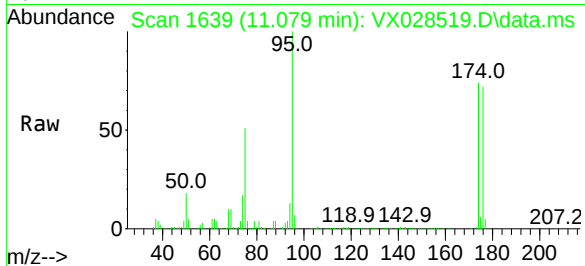




#62
4-Bromofluorobenzene
Concen: 48.209 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028519.D
Acq: 04 May 2022 14:08

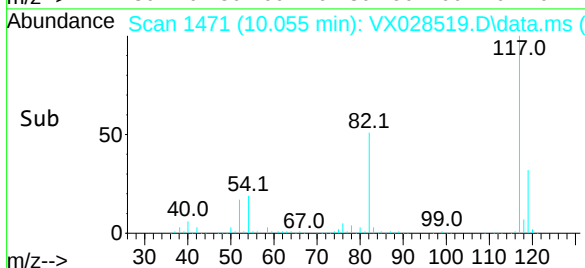
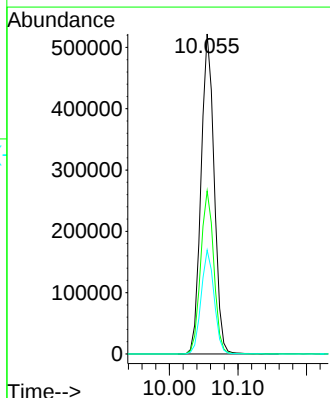
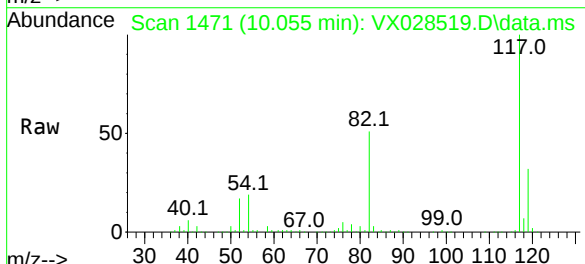
Instrument :
MSVOA_X
ClientSampleId :
VX0504WBL01

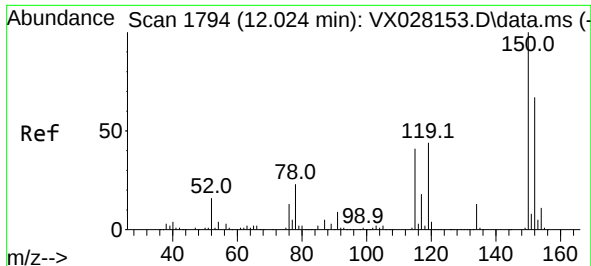
Tgt Ion: 95 Resp: 358658
Ion Ratio Lower Upper
95 100
174 84.8 0.0 163.0
176 82.1 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028519.D
Acq: 04 May 2022 14:08

Tgt Ion: 117 Resp: 698180
Ion Ratio Lower Upper
117 100
82 50.9 41.8 62.8
119 32.4 24.8 37.2

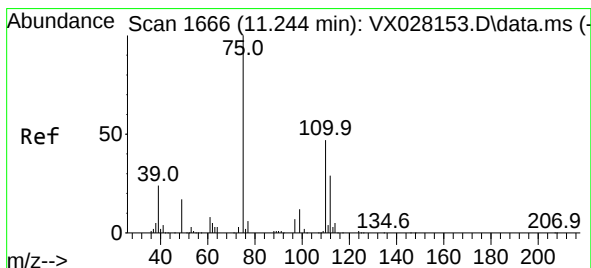
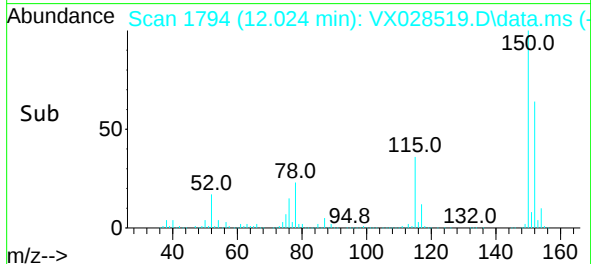
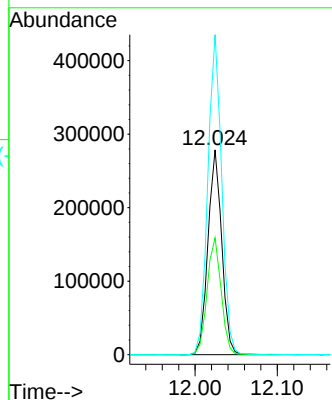
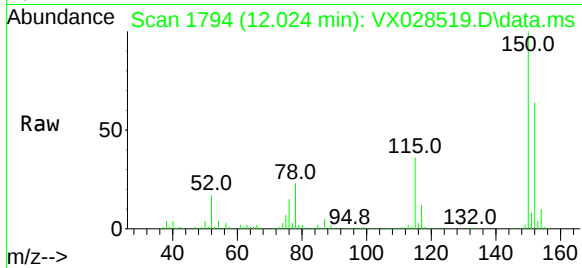




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX028519.D
 Acq: 04 May 2022 14:08

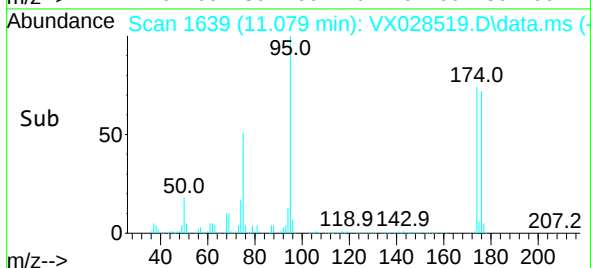
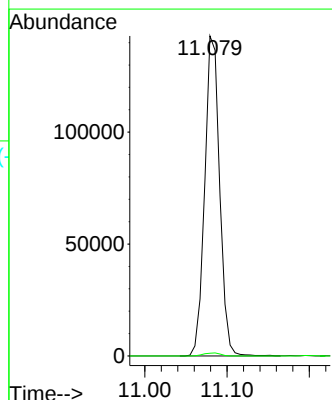
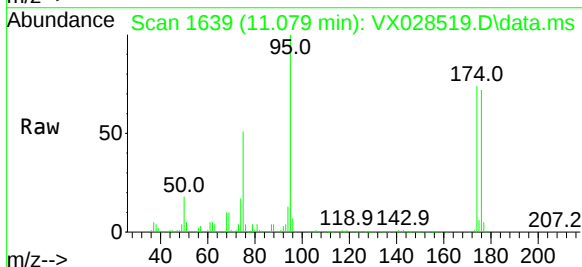
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504WBL01

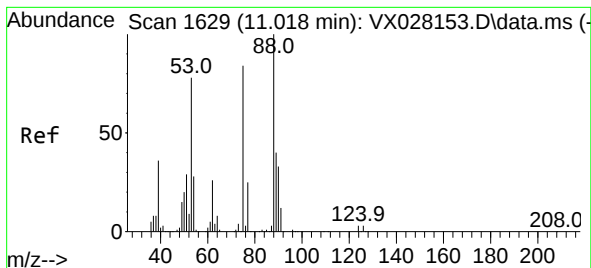
Tgt Ion:152 Resp: 324012
 Ion Ratio Lower Upper
 152 100
 115 58.3 37.5 112.7
 150 157.6 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 28.262 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX028519.D
 Acq: 04 May 2022 14:08

Tgt Ion: 75 Resp: 180221
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.4 58.2#

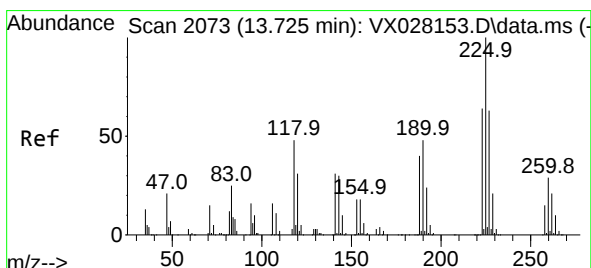
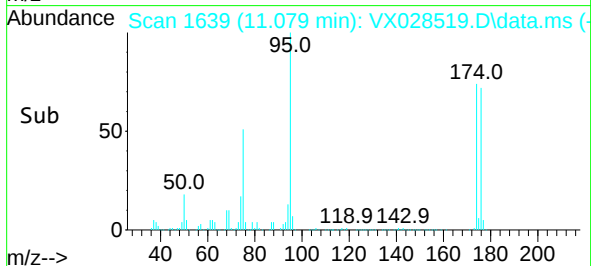
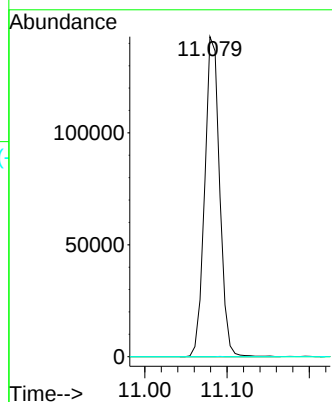
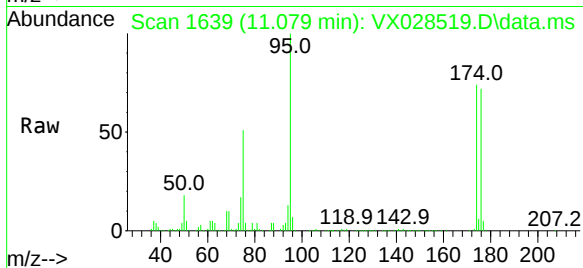




#81
trans-1,4-Dichloro-2-butene
Concen: 83.988 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX028519.D
Acq: 04 May 2022 14:08

Instrument :
MSVOA_X
ClientSampleId :
VX0504WBL01

Tgt Ion: 75 Resp: 180221
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#94
Hexachlorobutadiene
Concen: 0.261 ug/l
RT: 13.731 min Scan# 2074
Delta R.T. 0.006 min
Lab File: VX028519.D
Acq: 04 May 2022 14:08

Tgt Ion: 225 Resp: 751
Ion Ratio Lower Upper
225 100
223 55.8 34.2 102.5
227 63.6 33.9 101.7

