

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051622\
 Data File : VX028720.D
 Acq On : 16 May 2022 10:45
 Operator : JC/MD
 Sample : VX0516MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0516MBL01

Quant Time: May 17 03:31:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

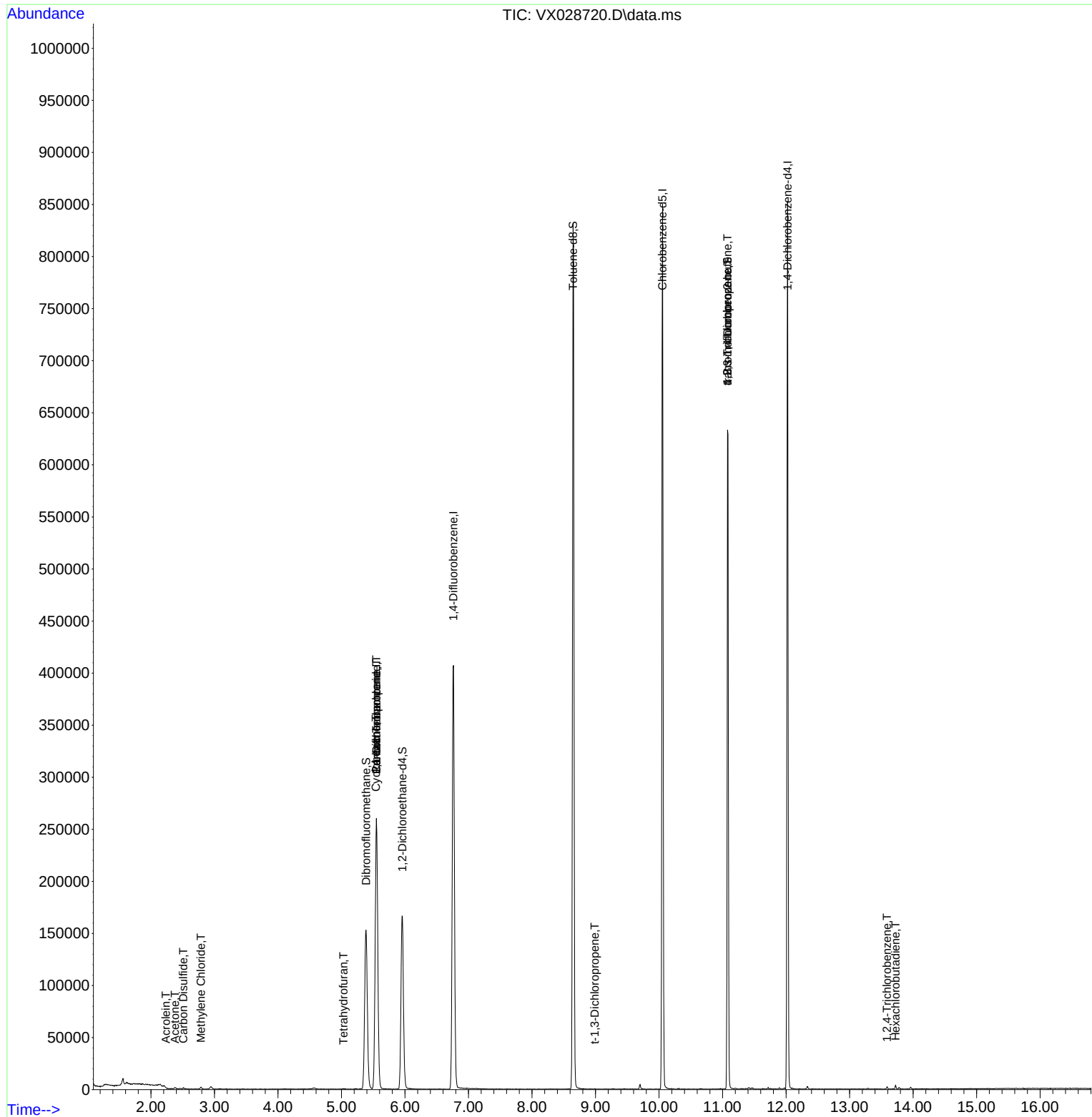
Internal Standards						
1) Pentafluorobenzene	5.550	168	238346	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	416371	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	368309	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	163328	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	160005	48.974	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.940%		
35) Dibromofluoromethane	5.385	113	133883	49.077	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.160%		
50) Toluene-d8	8.647	98	495135	48.141	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.280%		
62) 4-Bromofluorobenzene	11.079	95	166127	43.245	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	86.480%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	867	Below Cal	#	78
6) Chloroethane	1.563	64	911	Below Cal	#	68
11) Tert butyl alcohol	2.946	59	1470	Below Cal	#	72
13) Acrolein	2.233	56	189	0.352	ug/l #	79
16) Acetone	2.379	43	1389	0.991	ug/l	93
17) Carbon Disulfide	2.507	76	1299	0.203	ug/l #	85
20) Methylene Chloride	2.788	84	829	0.282	ug/l	94
29) Tetrahydrofuran	5.031	42	331	0.231	ug/l #	25
31) Cyclohexane	5.544	56	5513	1.216	ug/l #	34
36) 1,1-Dichloropropene	5.550	75	19559	4.773	ug/l #	50
38) Carbon Tetrachloride	5.550	117	25316	6.139	ug/l #	15
53) t-1,3-Dichloropropene	8.988	75	66	1.654	ug/l #	43
76) 1,2,3-Trichloropropane	11.079	75	88582	23.159	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	88582	67.611	ug/l #	15
93) 1,2,4-Trichlorobenzene	13.591	180	684	0.210	ug/l	96
94) Hexachlorobutadiene	13.725	225	642	0.485	ug/l	69

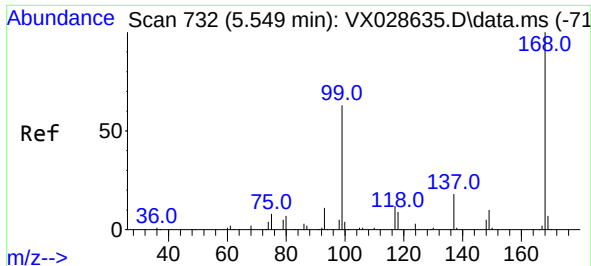
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051622\
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ALS Vial : 3 Sample Multiplier: 1

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VX0516MBL01

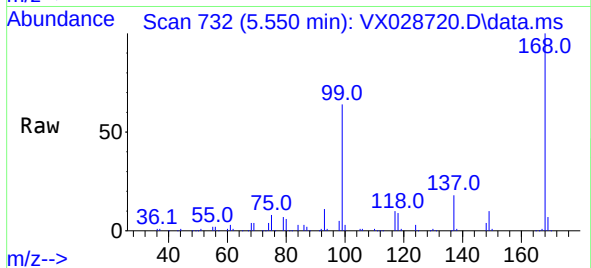
Quant Time: May 17 03:31:51 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
Response via : Initial Calibration



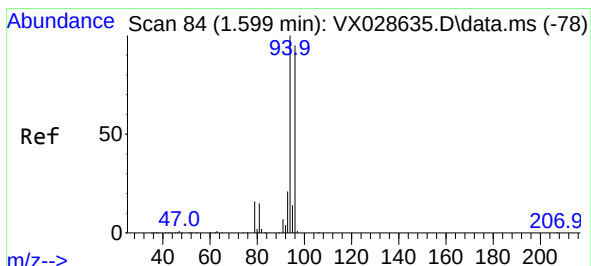
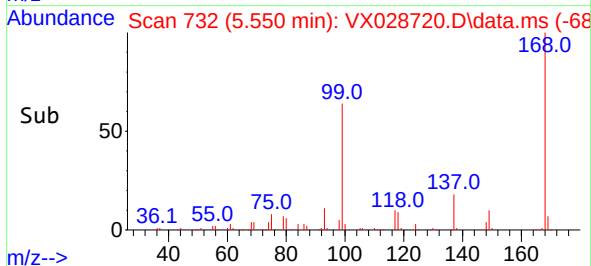
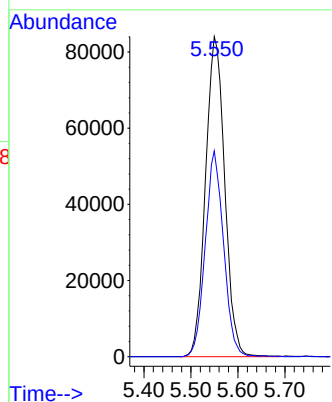


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX028720.D
Acq: 16 May 2022 10:45

Instrument :
MSVOA_X
ClientSampleId :
VX0516MBL01

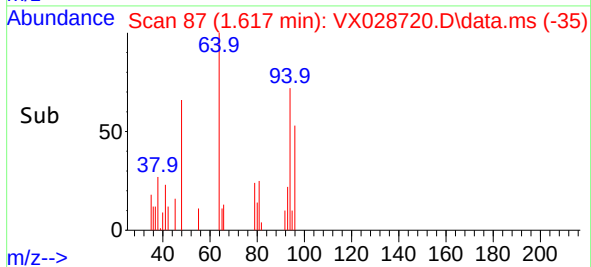
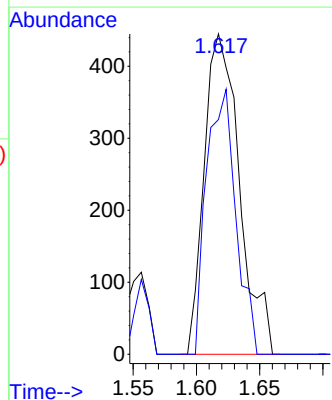
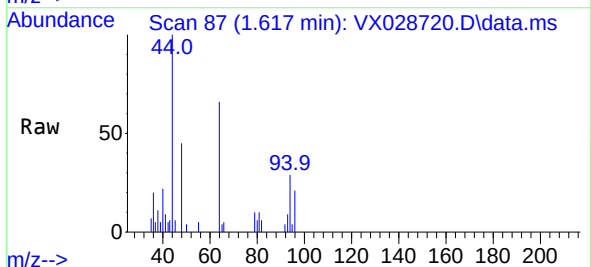


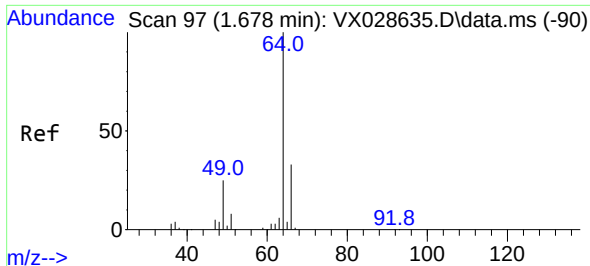
Tgt Ion:168 Resp: 238346
Ion Ratio Lower Upper
168 100
99 64.3 41.7 62.5#



#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX028720.D
Acq: 16 May 2022 10:45

Tgt Ion: 94 Resp: 867
Ion Ratio Lower Upper
94 100
96 73.3 75.3 112.9#

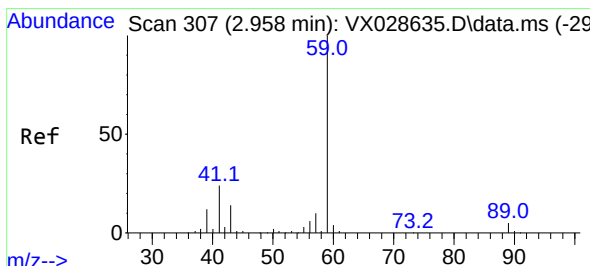
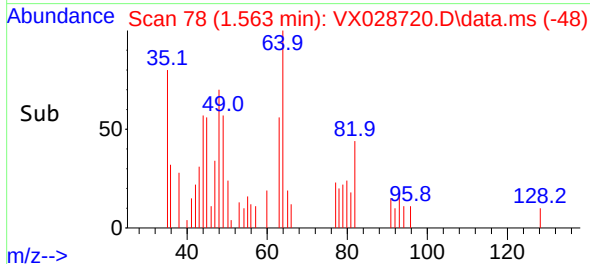
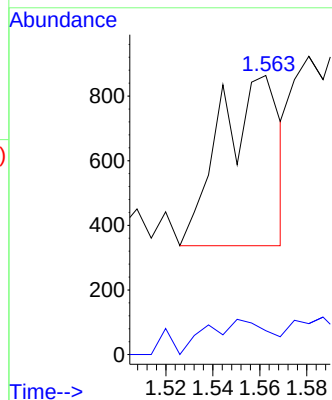
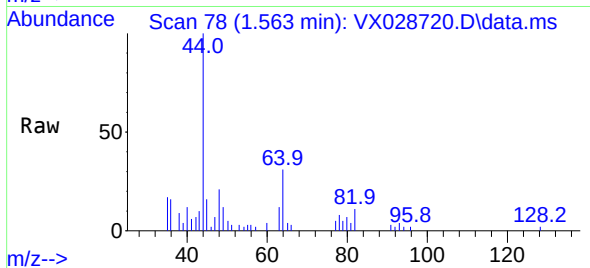




#6
Chloroethane
Concen: Below Cal
RT: 1.563 min Scan# 71
Delta R.T. -0.115 min
Lab File: VX028720.D
Acq: 16 May 2022 10:45

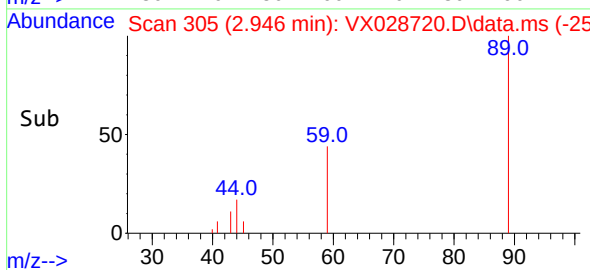
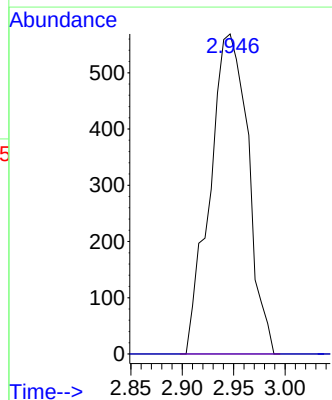
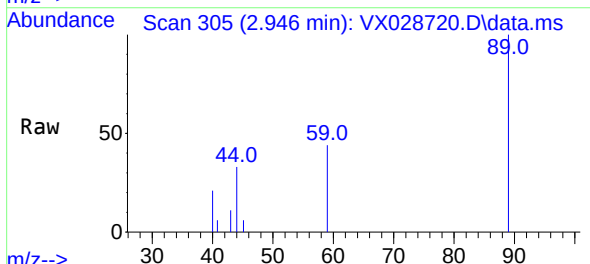
Instrument :
MSVOA_X
ClientSampleId :
VX0516MBL01

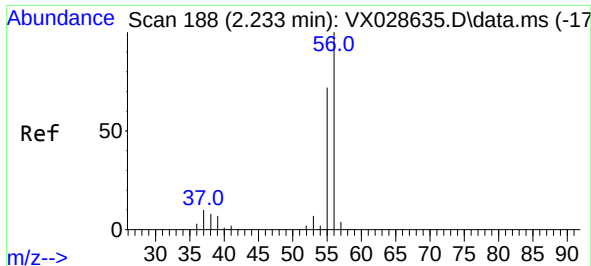
Tgt Ion: 64 Resp: 911
Ion Ratio Lower Upper
64 100
66 14.0 25.3 37.9#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.946 min Scan# 305
Delta R.T. -0.012 min
Lab File: VX028720.D
Acq: 16 May 2022 10:45

Tgt Ion: 59 Resp: 1470
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

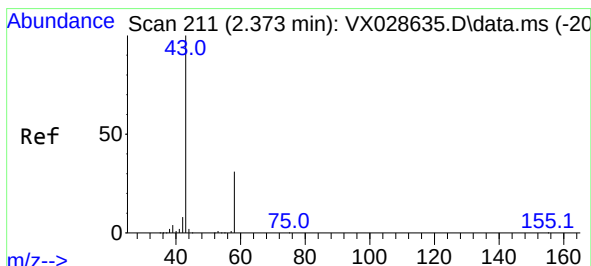
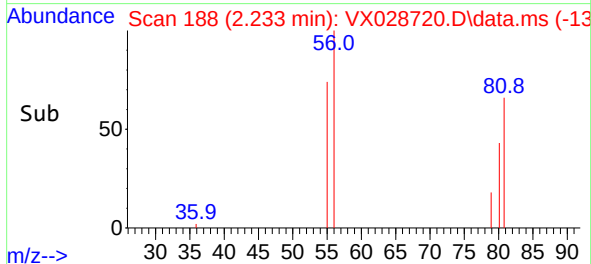
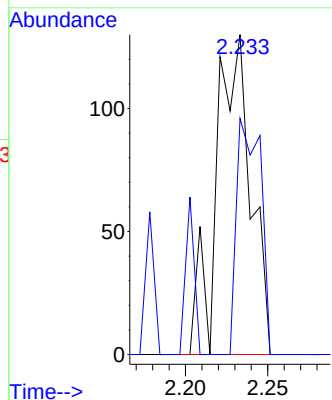
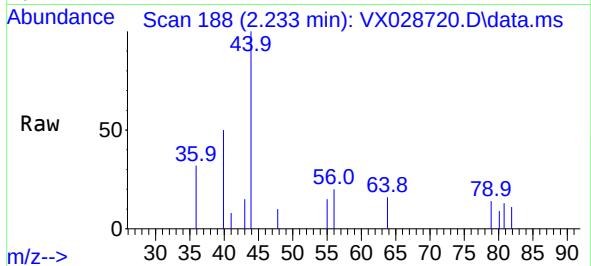




#13
Acrolein
Concen: 0.352 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028720.D
Acq: 16 May 2022 10:45

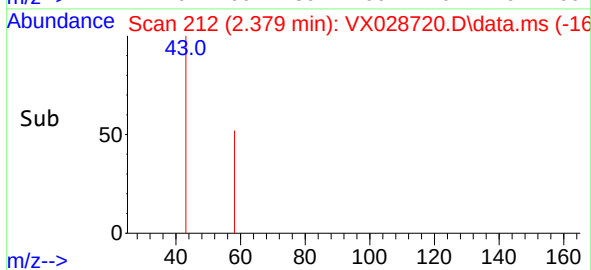
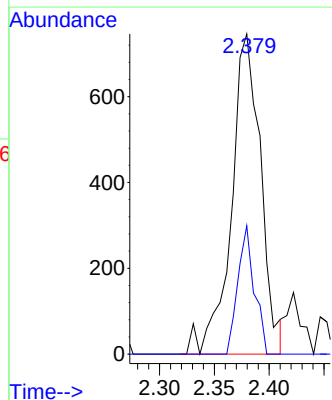
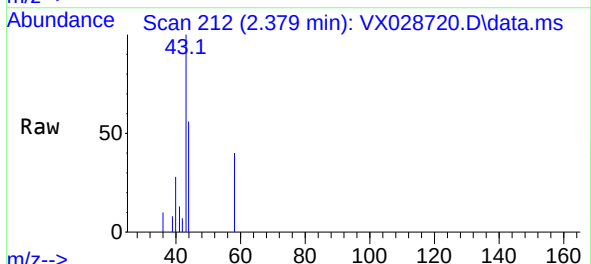
Instrument :
MSVOA_X
ClientSampleId :
VX0516MBL01

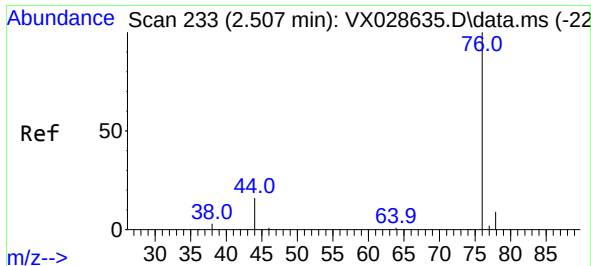
Tgt Ion: 56 Resp: 189
Ion Ratio Lower Upper
56 100
55 51.3 55.0 82.6#



#16
Acetone
Concen: 0.991 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX028720.D
Acq: 16 May 2022 10:45

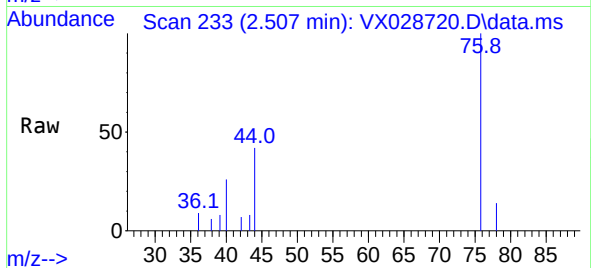
Tgt Ion: 43 Resp: 1389
Ion Ratio Lower Upper
43 100
58 40.1 28.8 43.2



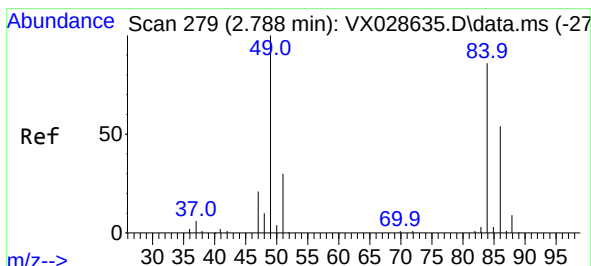
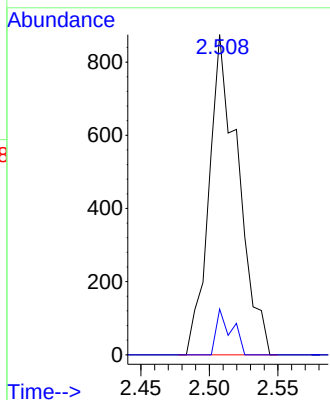
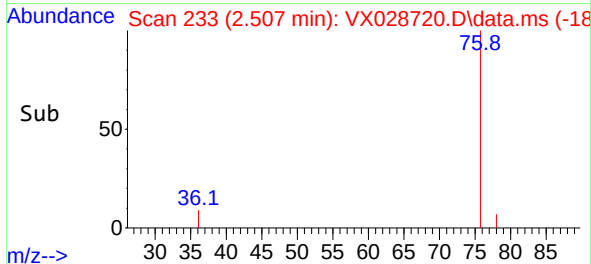


#17
Carbon Disulfide
Concen: 0.203 ug/l
RT: 2.507 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX028720.D
Acq: 16 May 2022 10:45

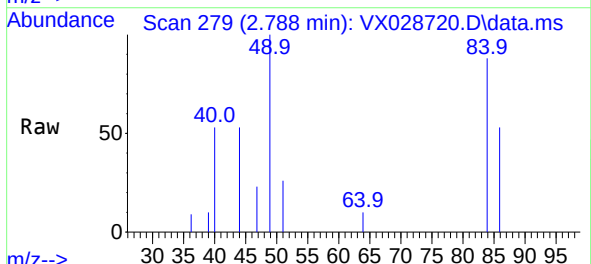
Instrument :
MSVOA_X
ClientSampleId :
VX0516MBL01



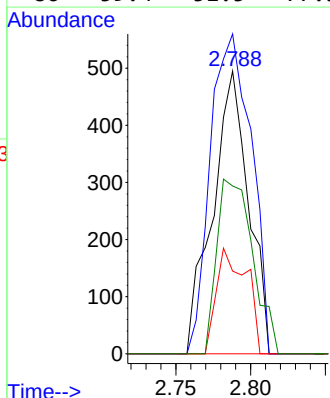
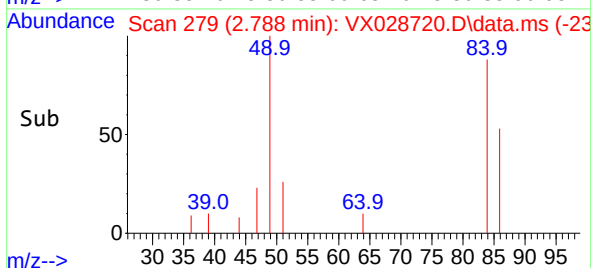
Tgt Ion: 76 Resp: 1299
Ion Ratio Lower Upper
76 100
78 14.3 7.2 10.8#

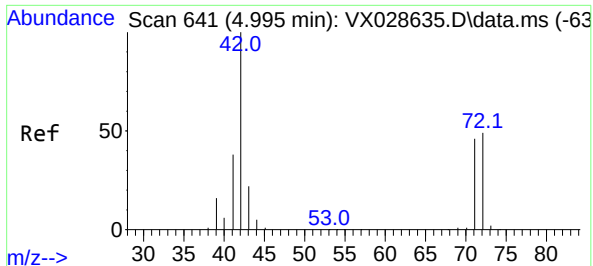


#20
Methylene Chloride
Concen: 0.282 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX028720.D
Acq: 16 May 2022 10:45



Tgt Ion: 84 Resp: 829
Ion Ratio Lower Upper
84 100
49 113.1 85.5 128.3
51 29.3 26.6 39.8
86 59.4 51.5 77.3





#29

Tetrahydrofuran

Concen: 0.231 ug/l

RT: 5.031 min Scan# 641

Delta R.T. 0.036 min

Lab File: VX028720.D

Acq: 16 May 2022 10:45

Instrument :

MSVOA_X

ClientSampleId :

VX0516MBL01

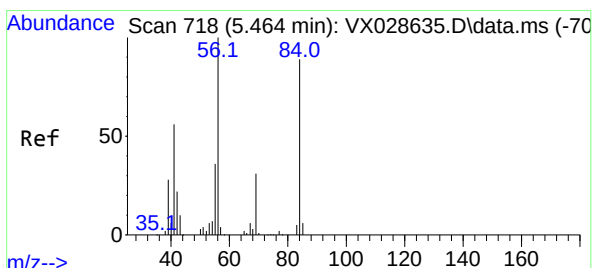
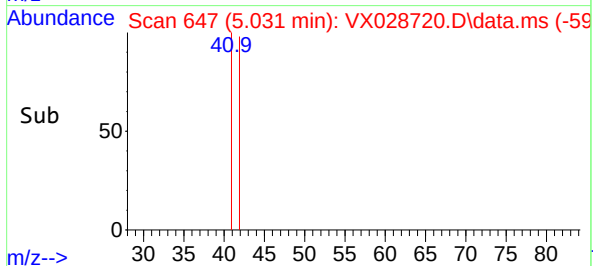
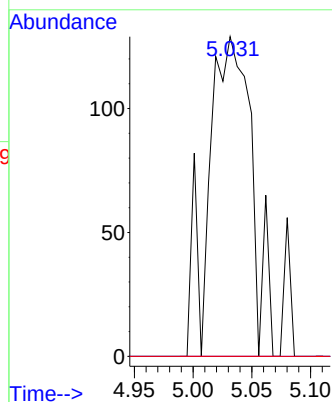
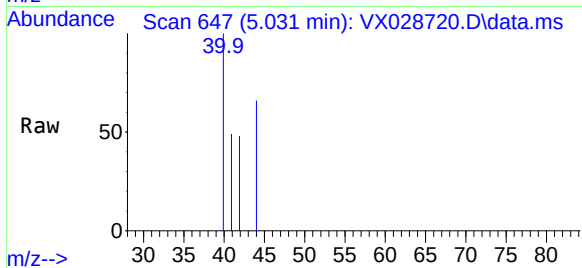
Tgt Ion: 42 Resp: 331

Ion Ratio Lower Upper

42 100

72 0.0 44.1 66.1#

71 0.0 40.5 60.7#



#31

Cyclohexane

Concen: 1.216 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.080 min

Lab File: VX028720.D

Acq: 16 May 2022 10:45

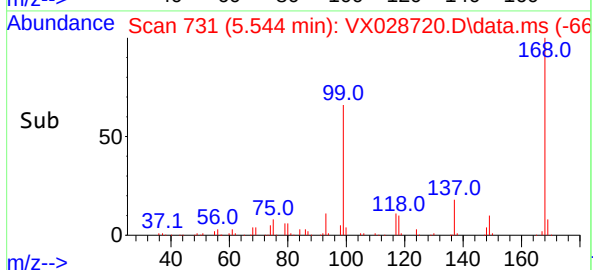
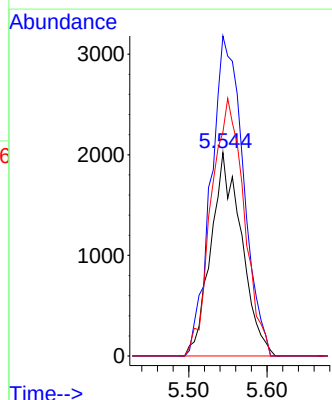
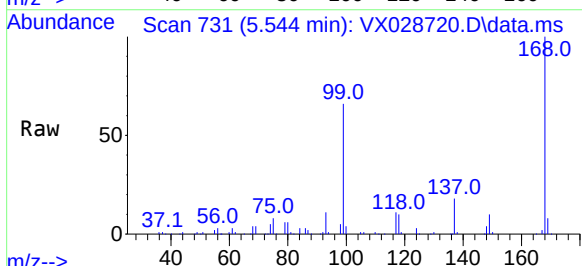
Tgt Ion: 56 Resp: 5513

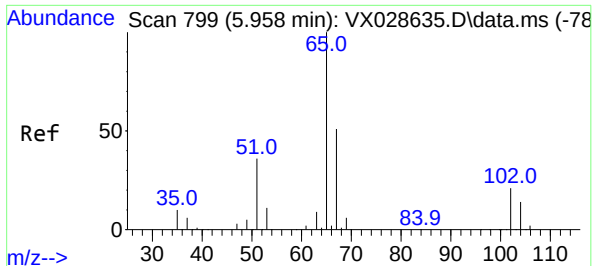
Ion Ratio Lower Upper

56 100

69 157.3 26.7 40.1#

84 110.0 77.2 115.8





#33

1,2-Dichloroethane-d4

Concen: 48.974 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028720.D

Acq: 16 May 2022 10:45

Instrument :

MSVOA_X

ClientSampleId :

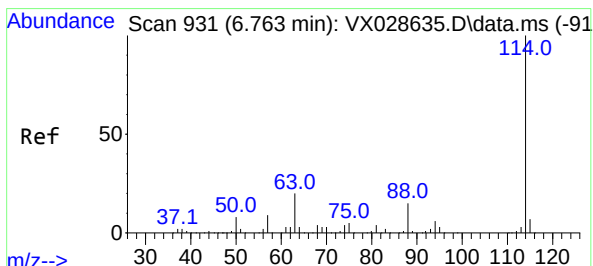
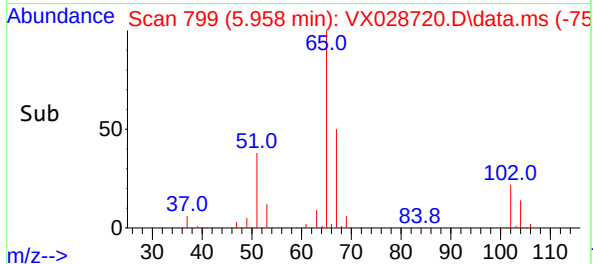
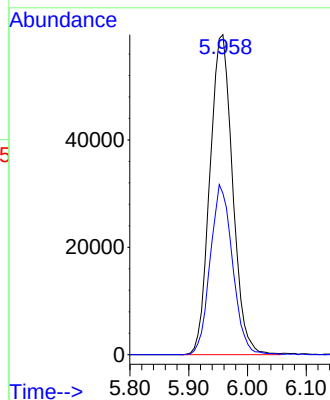
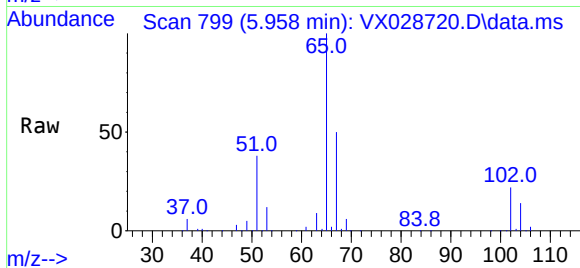
VX0516MBL01

Tgt Ion: 65 Resp: 160005

Ion Ratio Lower Upper

65 100

67 52.3 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: VX028720.D

Acq: 16 May 2022 10:45

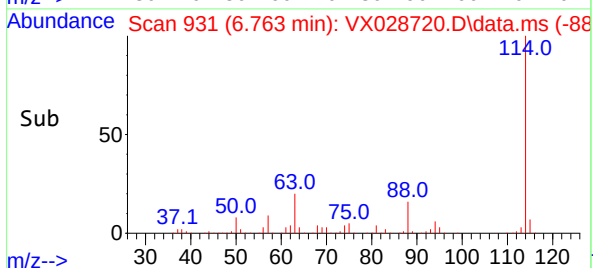
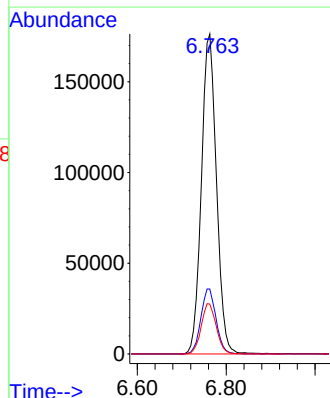
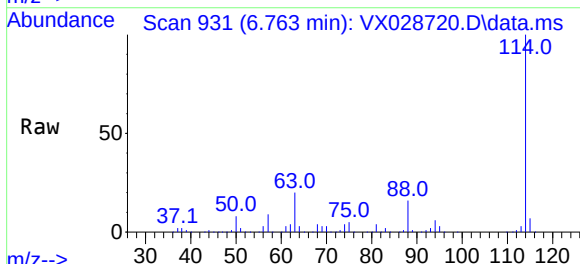
Tgt Ion: 114 Resp: 416371

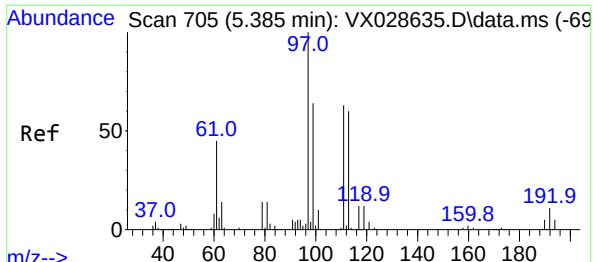
Ion Ratio Lower Upper

114 100

63 20.3 0.0 36.8

88 15.6 0.0 32.4

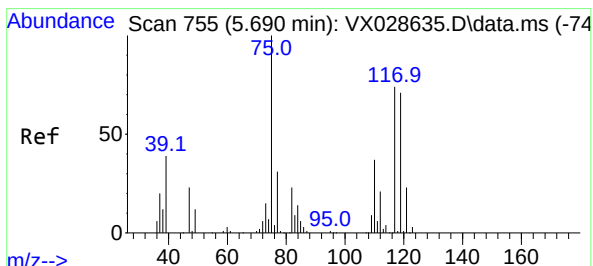
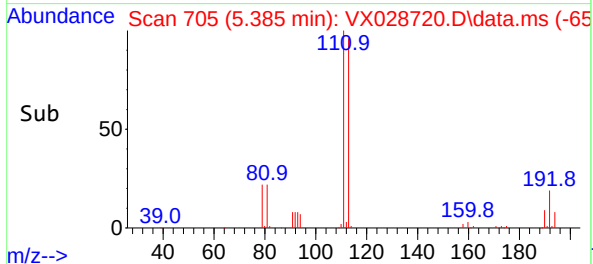
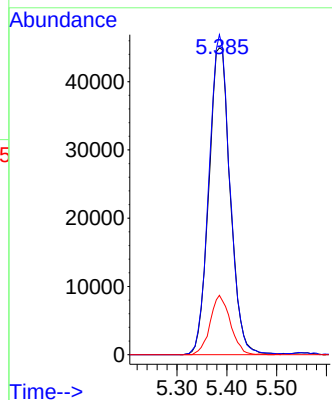
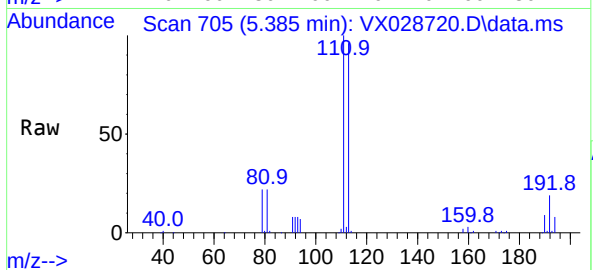




#35
Dibromofluoromethane
Concen: 49.077 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX028720.D
Acq: 16 May 2022 10:45

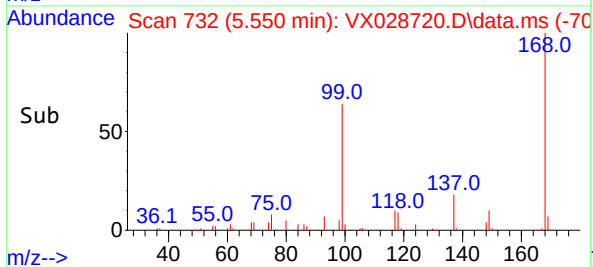
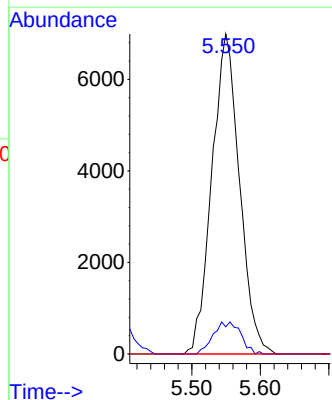
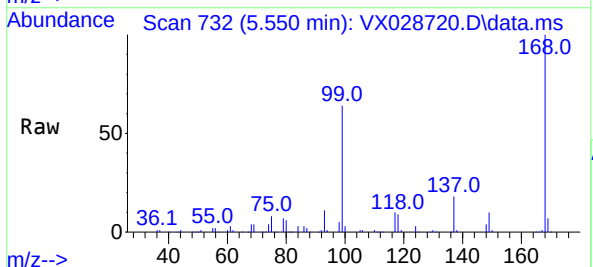
Instrument :
MSVOA_X
ClientSampleId :
VX0516MBL01

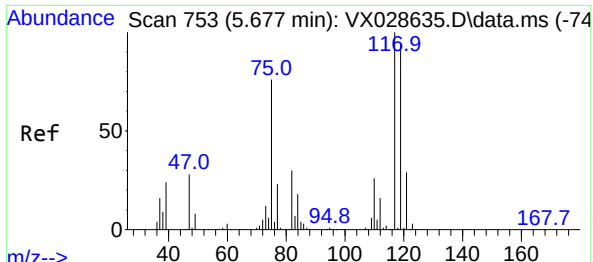
Tgt Ion:113 Resp: 133883
Ion Ratio Lower Upper
113 100
111 102.1 82.8 124.2
192 18.2 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.773 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX028720.D
Acq: 16 May 2022 10:45

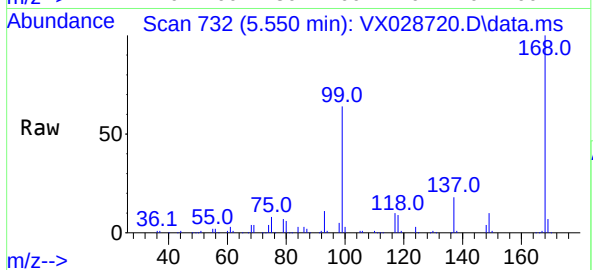
Tgt Ion: 75 Resp: 19559
Ion Ratio Lower Upper
75 100
110 9.9 18.3 54.8#
77 0.0 24.8 37.2#



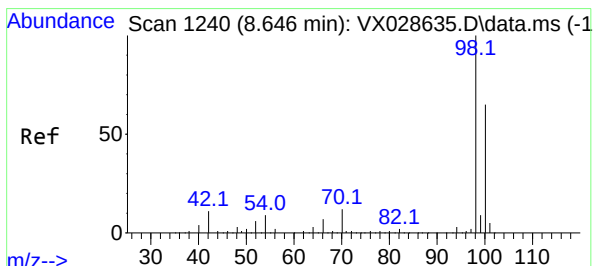
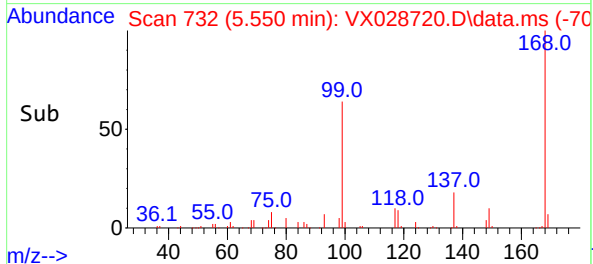
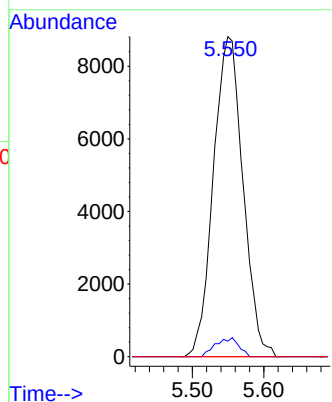


#38
Carbon Tetrachloride
Concen: 6.139 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.127 min
Lab File: VX028720.D
Acq: 16 May 2022 10:45

Instrument :
MSVOA_X
ClientSampleId :
VX0516MBL01

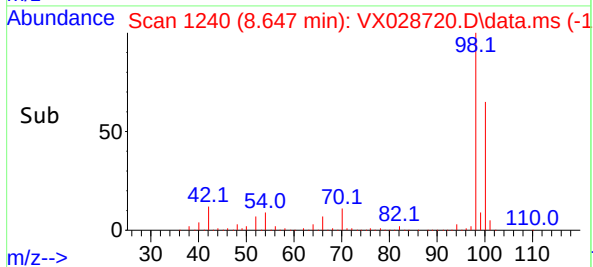
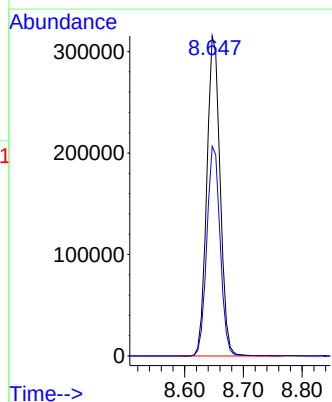
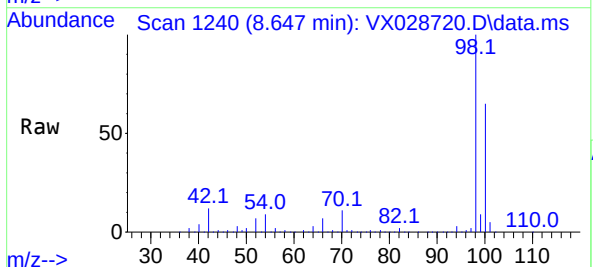


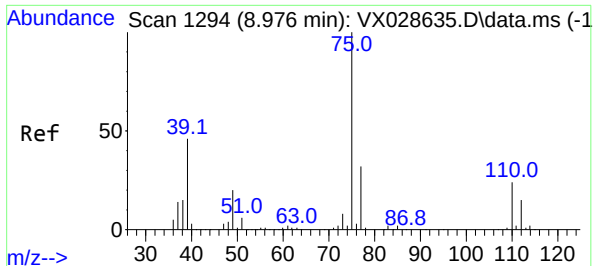
Tgt Ion:117 Resp: 25316
Ion Ratio Lower Upper
117 100
119 4.9 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 48.141 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX028720.D
Acq: 16 May 2022 10:45

Tgt Ion: 98 Resp: 495135
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8





#53

t-1,3-Dichloropropene

Concen: 1.654 ug/l

RT: 8.988 min Scan# 11

Delta R.T. 0.012 min

Lab File: VX028720.D

Acq: 16 May 2022 10:45

Instrument :

MSVOA_X

ClientSampleId :

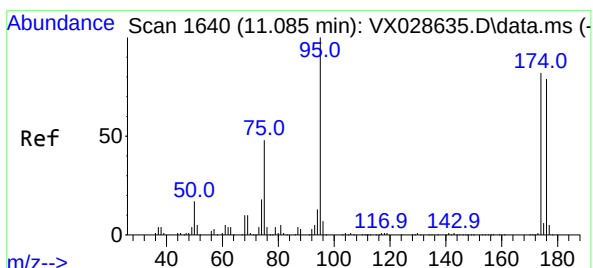
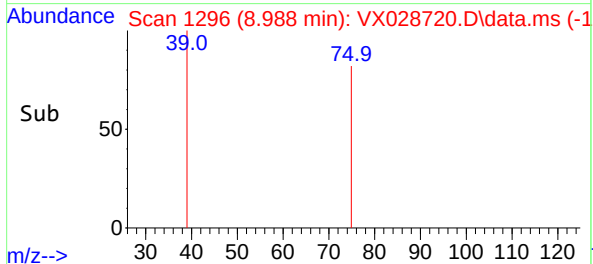
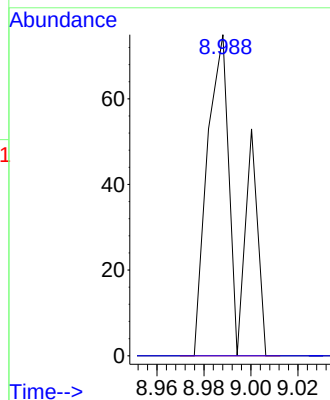
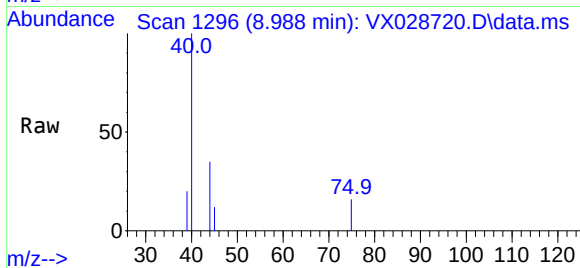
VX0516MBL01

Tgt Ion: 75 Resp: 66

Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.0#



#62

4-Bromofluorobenzene

Concen: 43.245 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX028720.D

Acq: 16 May 2022 10:45

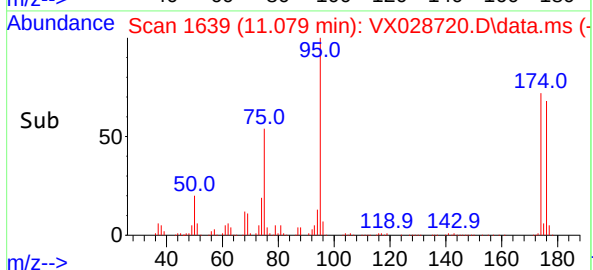
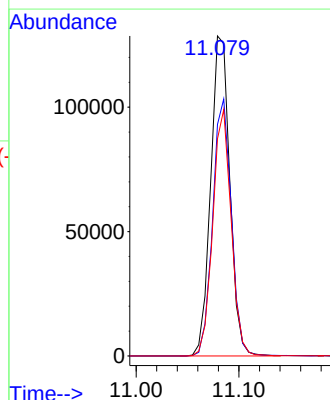
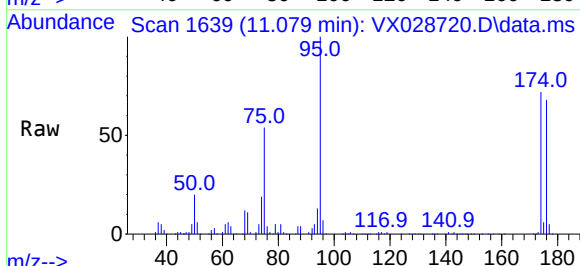
Tgt Ion: 95 Resp: 166127

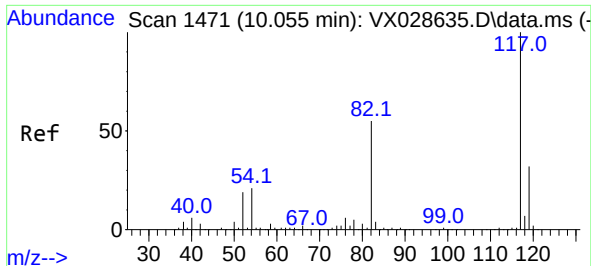
Ion Ratio Lower Upper

95 100

174 78.1 0.0 163.0

176 73.9 0.0 155.0

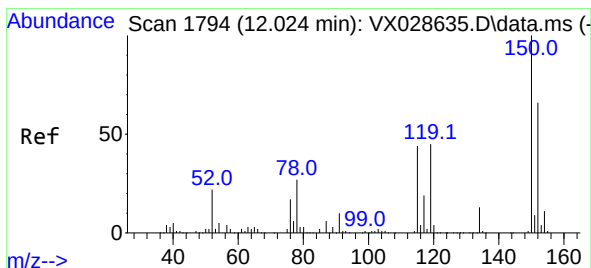
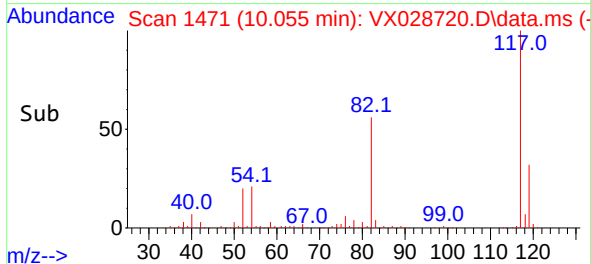
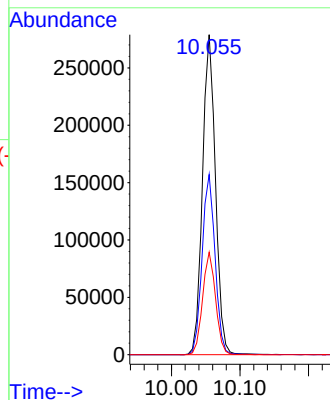
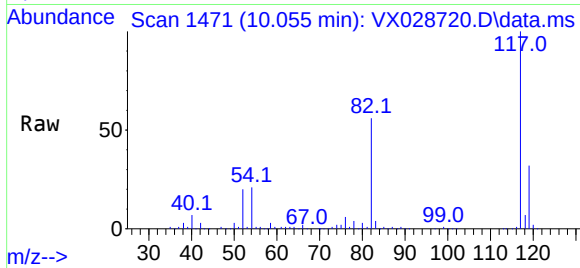




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028720.D
Acq: 16 May 2022 10:45

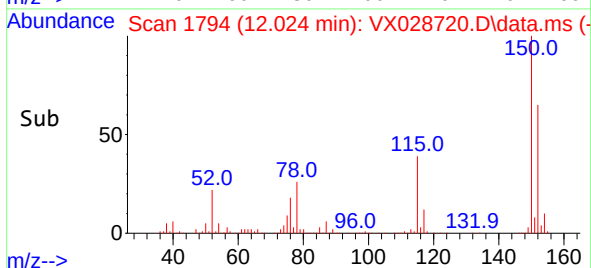
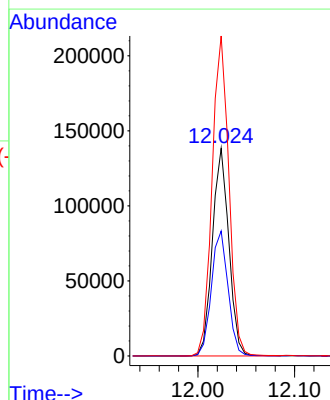
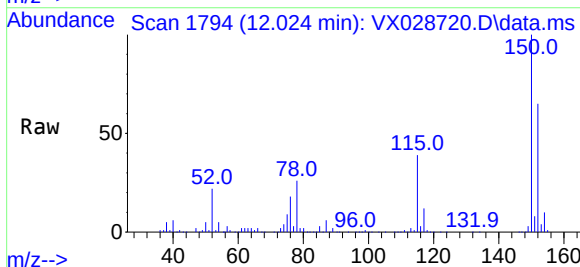
Instrument :
MSVOA_X
ClientSampleId :
VX0516MBL01

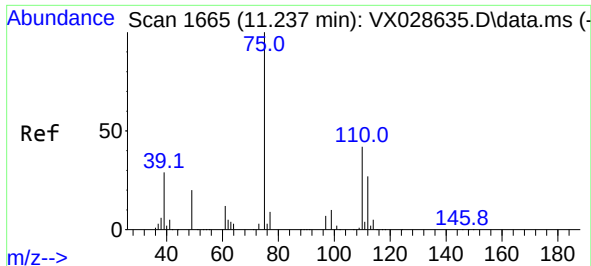
Tgt Ion:117 Resp: 368309
Ion Ratio Lower Upper
117 100
82 56.3 41.8 62.8
119 32.0 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028720.D
Acq: 16 May 2022 10:45

Tgt Ion:152 Resp: 163328
Ion Ratio Lower Upper
152 100
115 61.1 37.5 112.7
150 157.3 0.0 338.2

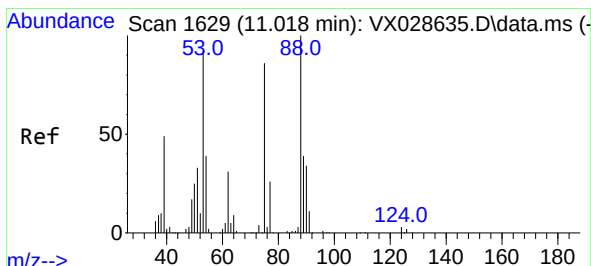
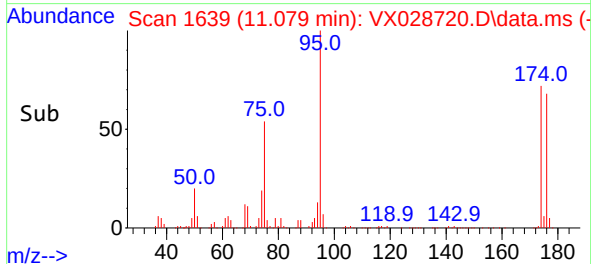
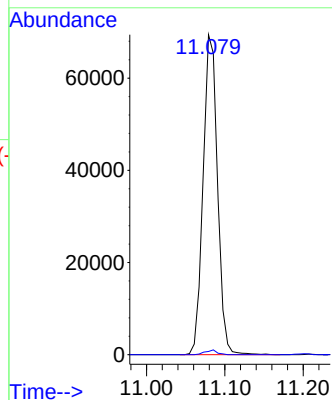
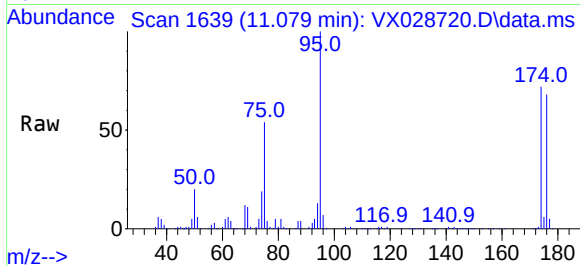




#76
1,2,3-Trichloropropane
Concen: 23.159 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028720.D
Acq: 16 May 2022 10:45

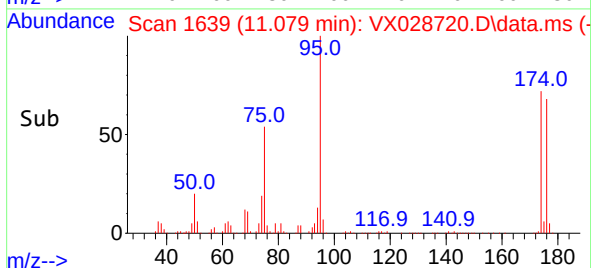
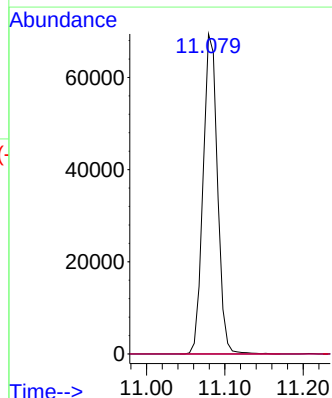
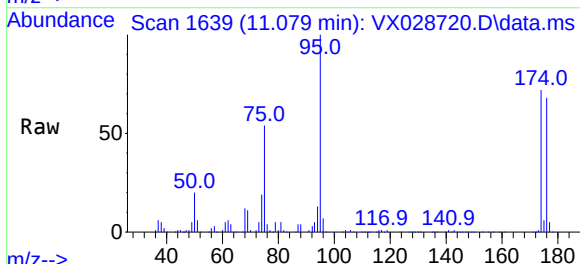
Instrument :
MSVOA_X
ClientSampleId :
VX0516MBL01

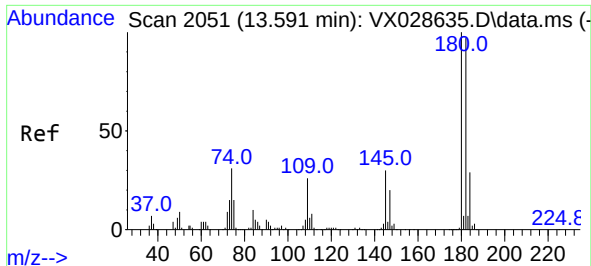
Tgt Ion: 75 Resp: 88582
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.611 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028720.D
Acq: 16 May 2022 10:45

Tgt Ion: 75 Resp: 88582
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

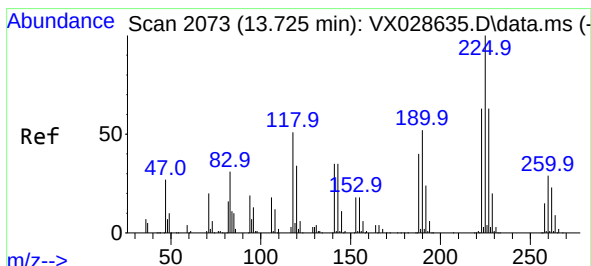
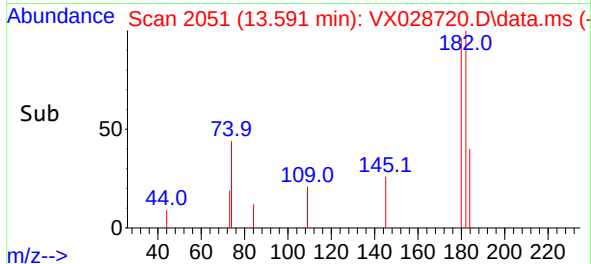
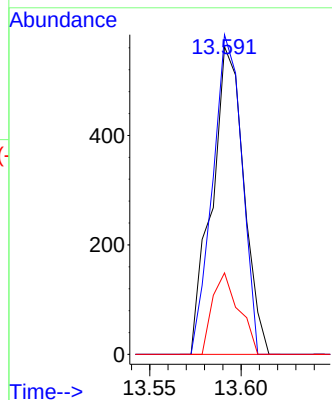
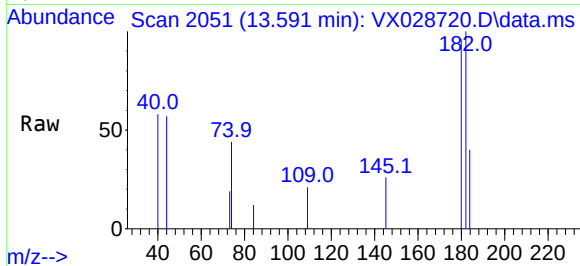




#93
1,2,4-Trichlorobenzene
Concen: 0.210 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX028720.D
Acq: 16 May 2022 10:45

Instrument :
MSVOA_X
ClientSampleId :
VX0516MBL01

Tgt Ion:180	Resp:	684	
Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.7	143.1
145	21.9	15.2	45.5



#94
Hexachlorobutadiene
Concen: 0.485 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX028720.D
Acq: 16 May 2022 10:45

Tgt Ion:225	Resp:	642	
Ion	Ratio	Lower	Upper
225	100		
223	44.4	34.2	102.5
227	41.7	33.9	101.7

