

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101922\
 Data File : VX032207.D
 Acq On : 19 Oct 2022 14:54
 Operator : JC/MD
 Sample : VX1019MBL02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1019MBL02

Quant Time: Oct 19 16:56:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 19 16:51:09 2022
 Response via : Initial Calibration

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

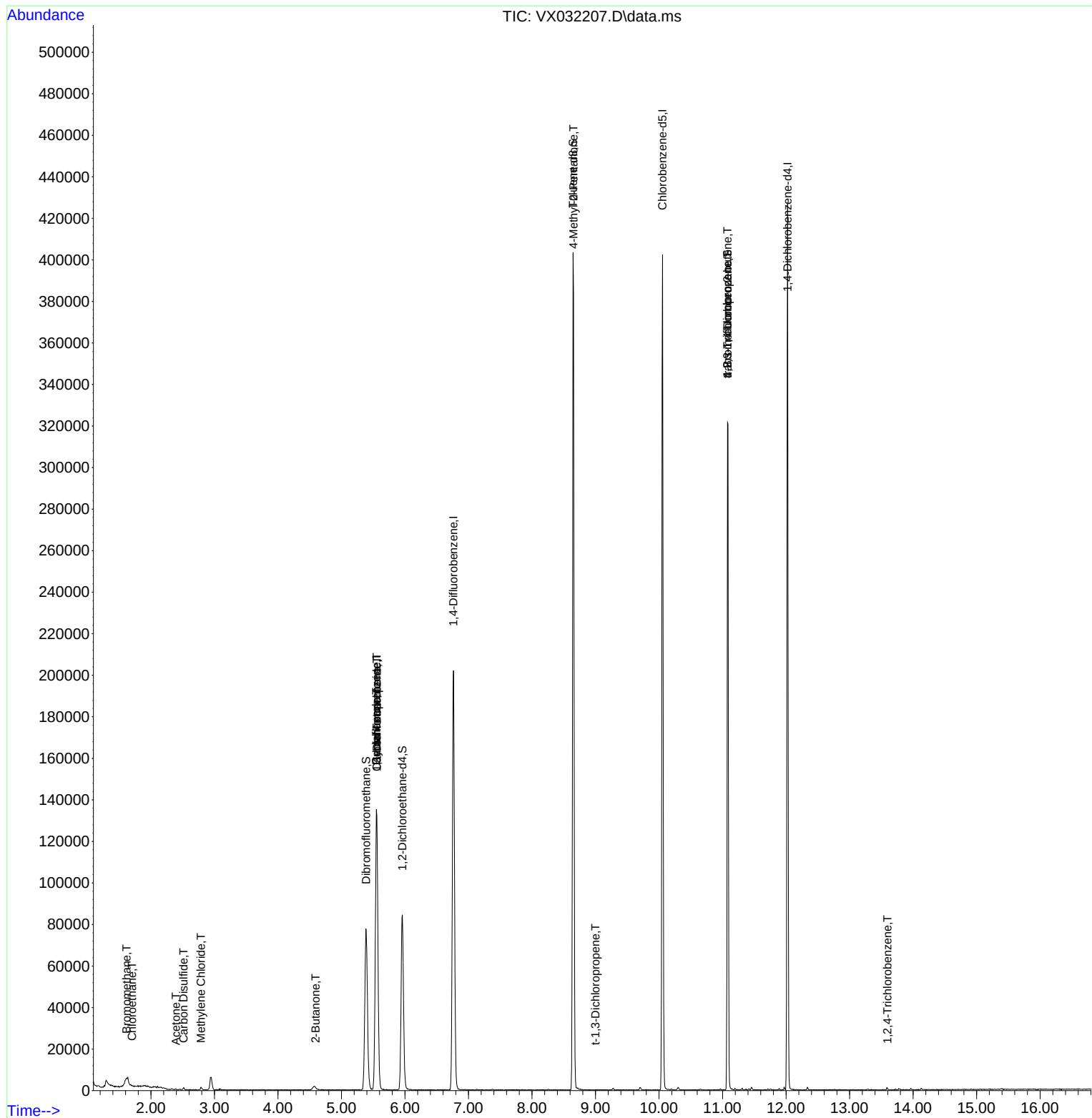
Internal Standards						
1) Pentafluorobenzene	5.549	168	128536	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	203121	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	177425	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83218	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82201	49.160	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.320%		
35) Dibromofluoromethane	5.385	113	66483	47.036	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.080%		
50) Toluene-d8	8.646	98	241291	47.424	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.840%		
62) 4-Bromofluorobenzene	11.079	95	82654	44.363	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.720%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	338	Below Cal	#	44
5) Bromomethane	1.617	94	387	0.292	ug/l #	67
6) Chloroethane	1.702	64	72	2.007	ug/l #	41
11) Tert butyl alcohol	2.934	59	3892	Below Cal	#	74
16) Acetone	2.391	43	266	0.490	ug/l #	44
17) Carbon Disulfide	2.513	76	1133	0.422	ug/l #	94
20) Methylene Chloride	2.788	84	510	0.366	ug/l	95
25) 2-Butanone	4.592	43	288	0.340	ug/l #	48
31) Cyclohexane	5.549	56	2771	1.450	ug/l #	8
36) 1,1-Dichloropropene	5.555	75	9765	5.371	ug/l #	49
38) Carbon Tetrachloride	5.555	117	12757	6.646	ug/l #	16
51) 4-Methyl-2-Pentanone	8.652	43	1112	0.635	ug/l #	1
53) t-1,3-Dichloropropene	9.000	75	53	1.843	ug/l #	43
76) 1,2,3-Trichloropropane	11.079	75	44736	27.131	ug/l #	45
81) trans-1,4-Dichloro-2-b...	11.079	75	44736	83.291	ug/l #	6
93) 1,2,4-Trichlorobenzene	13.597	180	425	0.237	ug/l	85

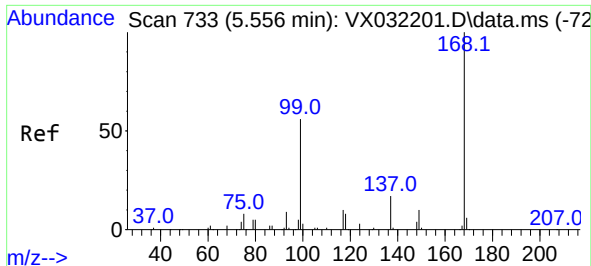
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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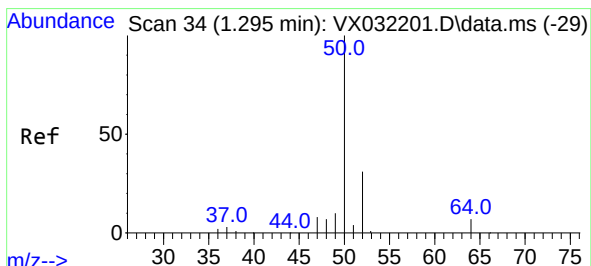
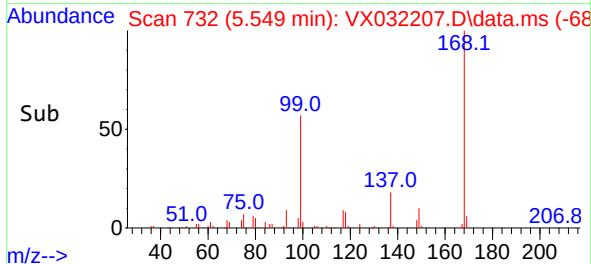
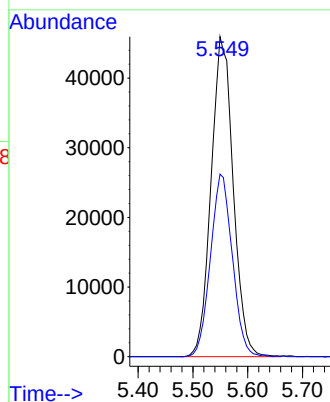
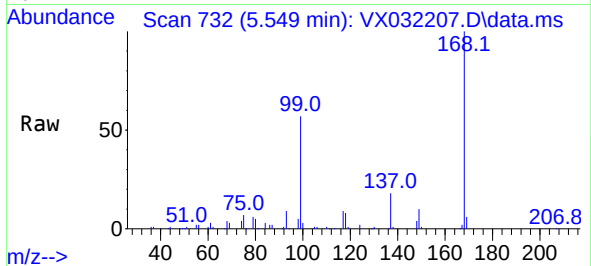




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX032207.D
Acq: 19 Oct 2022 14:54

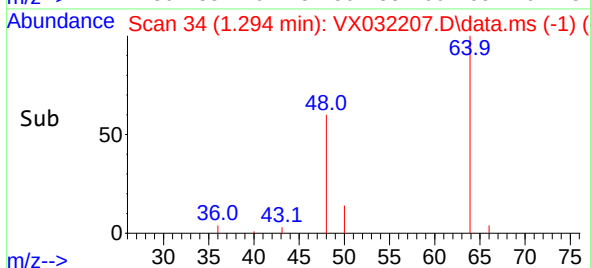
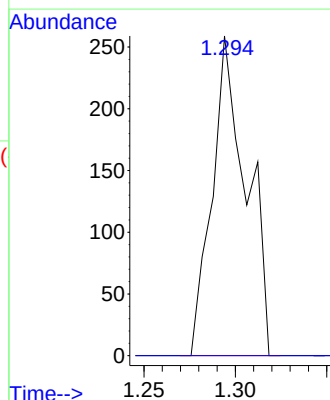
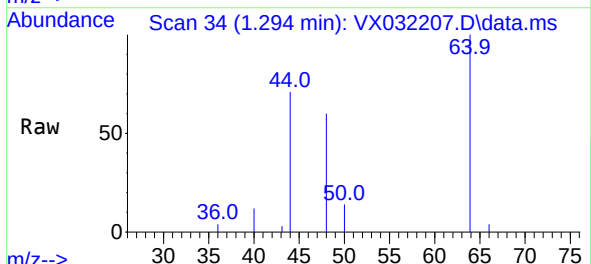
Instrument :
MSVOA_X
ClientSampleId :
VX1019MBL02

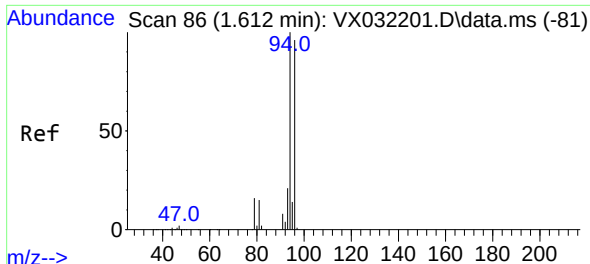
Tgt Ion:168 Resp: 128536
Ion Ratio Lower Upper
168 100
99 57.1 44.8 67.2



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX032207.D
Acq: 19 Oct 2022 14:54

Tgt Ion: 50 Resp: 338
Ion Ratio Lower Upper
50 100
52 0.0 24.7 37.1#

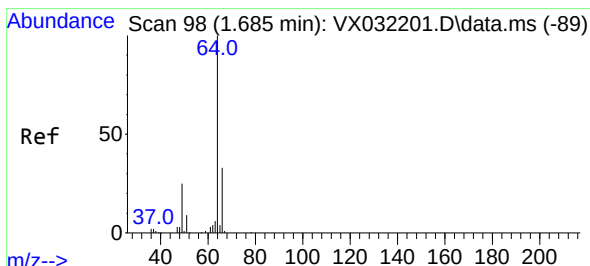
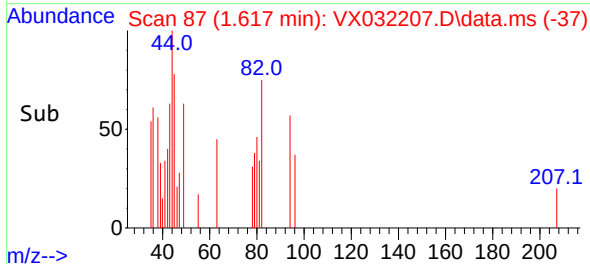
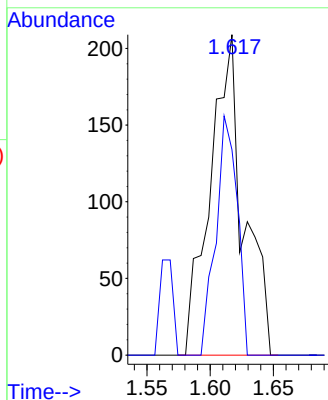
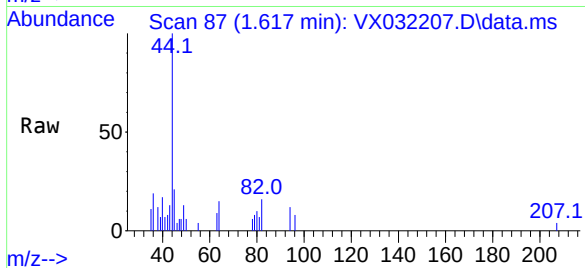




#5
Bromomethane
Concen: 0.292 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.005 min
Lab File: VX032207.D
Acq: 19 Oct 2022 14:54

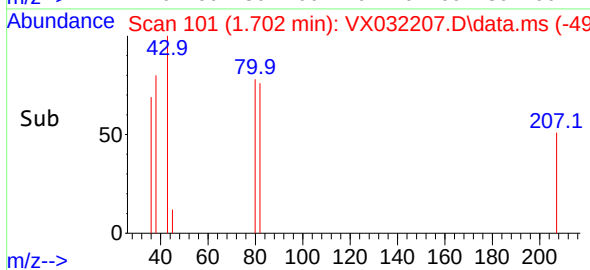
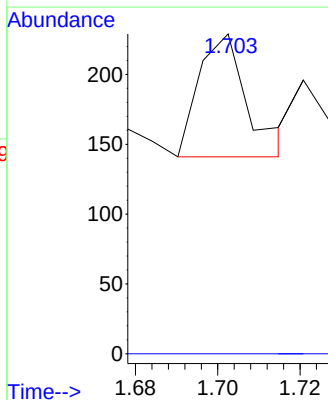
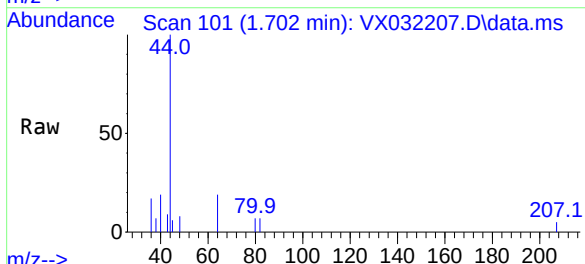
Instrument :
MSVOA_X
ClientSampleId :
VX1019MBL02

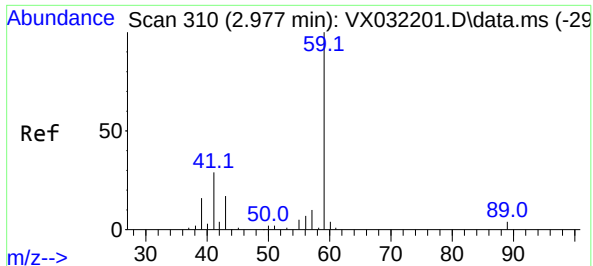
Tgt Ion: 94 Resp: 387
Ion Ratio Lower Upper
94 100
96 64.1 76.7 115.1#



#6
Chloroethane
Concen: 2.007 ug/l
RT: 1.702 min Scan# 101
Delta R.T. 0.017 min
Lab File: VX032207.D
Acq: 19 Oct 2022 14:54

Tgt Ion: 64 Resp: 72
Ion Ratio Lower Upper
64 100
66 0.0 26.6 39.8#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.934 min Scan# 30

Delta R.T. -0.043 min

Lab File: VX032207.D

Acq: 19 Oct 2022 14:54

Instrument :

MSVOA_X

ClientSampleId :

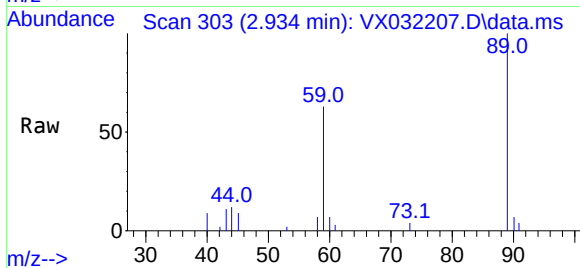
VX1019MBL02

Tgt Ion: 59 Resp: 3892

Ion Ratio Lower Upper

59 100

57 0.0 7.5 11.3#



Abundance

2.934

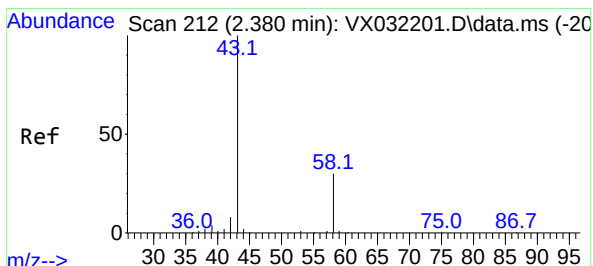
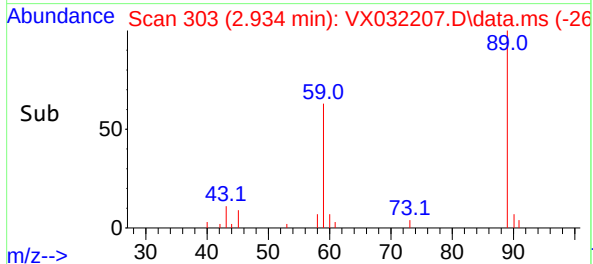
1500

1000

500

0

Time-->



#16

Acetone

Concen: 0.490 ug/l

RT: 2.391 min Scan# 214

Delta R.T. 0.011 min

Lab File: VX032207.D

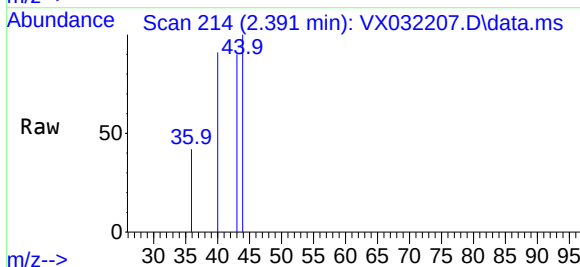
Acq: 19 Oct 2022 14:54

Tgt Ion: 43 Resp: 266

Ion Ratio Lower Upper

43 100

58 0.0 24.2 36.2#



Abundance

2.391

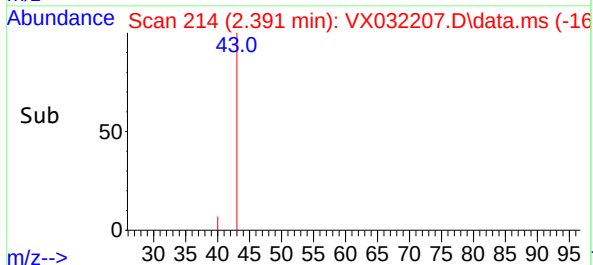
150

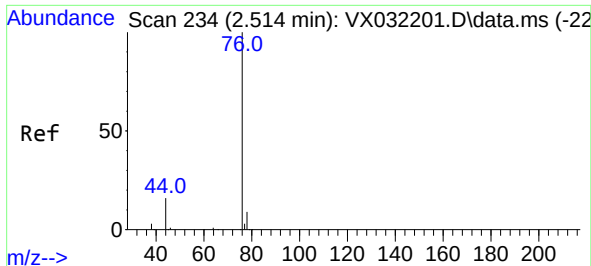
100

50

0

Time-->

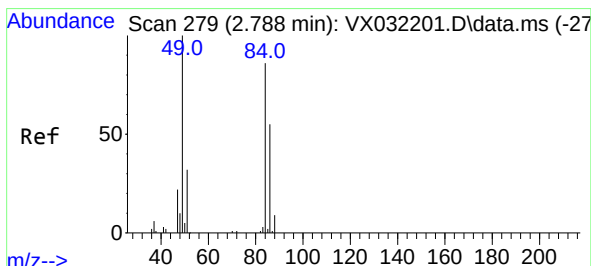
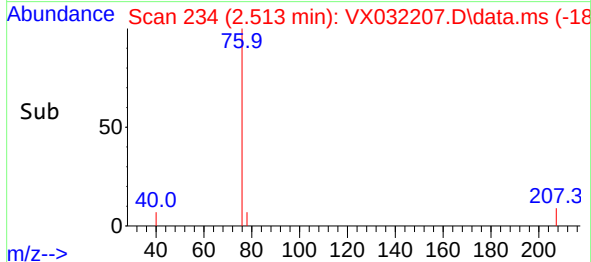
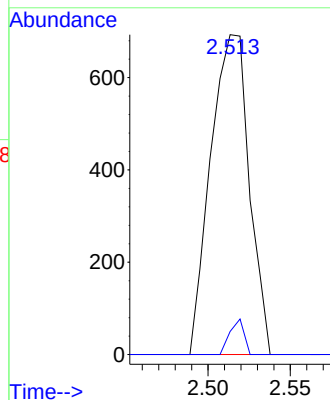
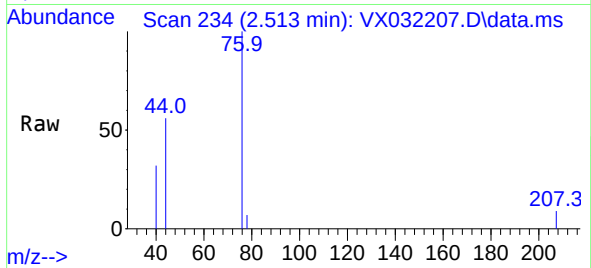




#17
Carbon Disulfide
Concen: 0.422 ug/l
RT: 2.513 min Scan# 211
Delta R.T. -0.001 min
Lab File: VX032207.D
Acq: 19 Oct 2022 14:54

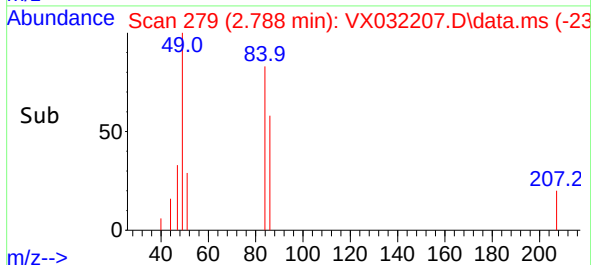
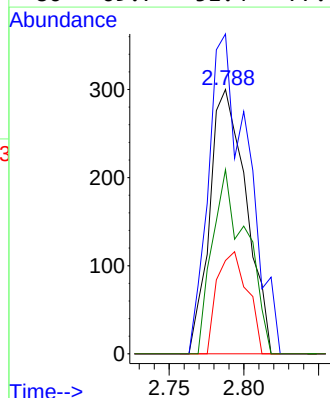
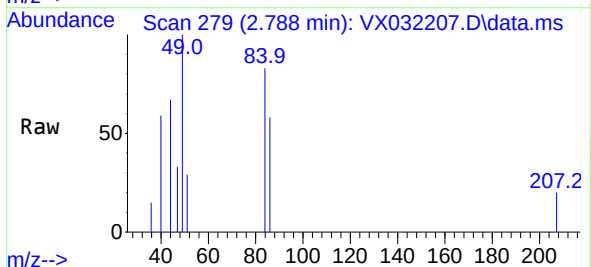
Instrument :
MSVOA_X
ClientSampleId :
VX1019MBL02

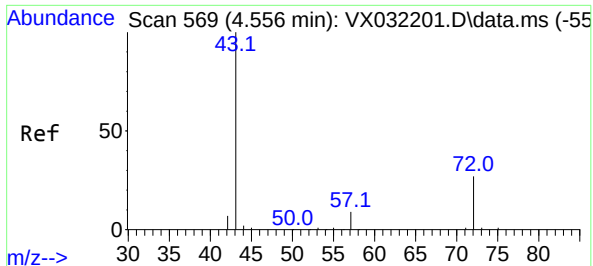
Tgt Ion: 76 Resp: 1133
Ion Ratio Lower Upper
76 100
78 7.2 7.6 11.4#



#20
Methylene Chloride
Concen: 0.366 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX032207.D
Acq: 19 Oct 2022 14:54

Tgt Ion: 84 Resp: 510
Ion Ratio Lower Upper
84 100
49 121.0 92.6 139.0
51 35.3 29.2 43.8
86 69.7 51.4 77.0





#25

2-Butanone

Concen: 0.340 ug/l

RT: 4.592 min Scan# 51

Delta R.T. 0.036 min

Lab File: VX032207.D

Acq: 19 Oct 2022 14:54

Instrument :

MSVOA_X

ClientSampleId :

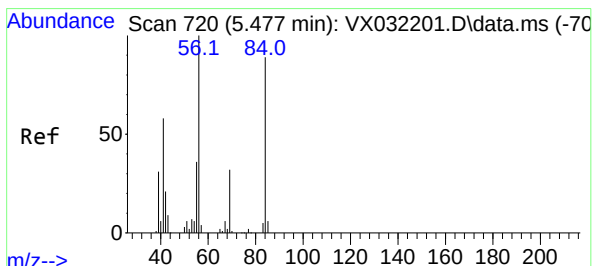
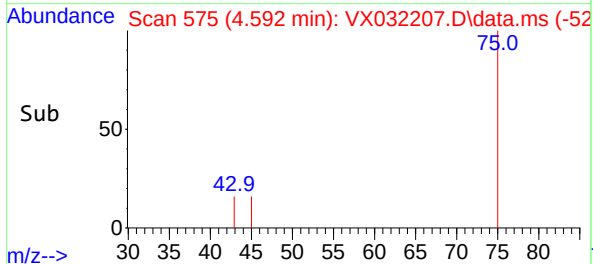
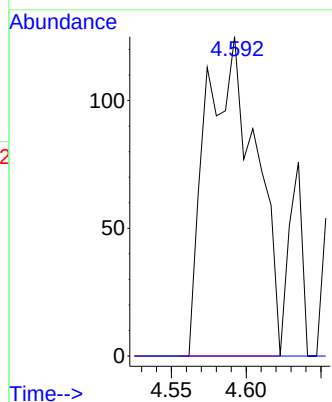
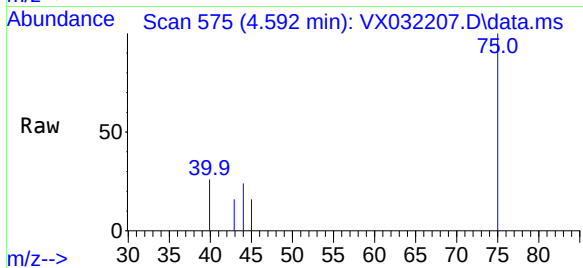
VX1019MBL02

Tgt Ion: 43 Resp: 288

Ion Ratio Lower Upper

43 100

72 0.0 21.7 32.5#



#31

Cyclohexane

Concen: 1.450 ug/l

RT: 5.549 min Scan# 732

Delta R.T. 0.072 min

Lab File: VX032207.D

Acq: 19 Oct 2022 14:54

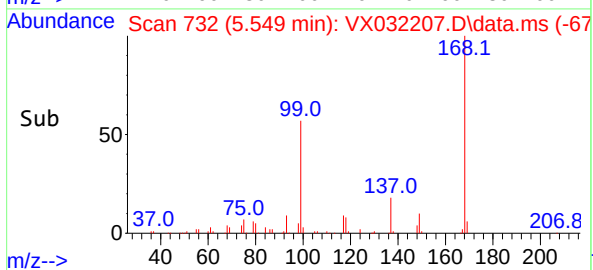
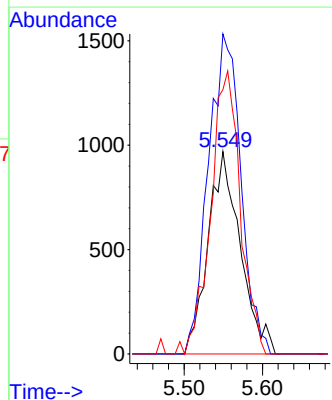
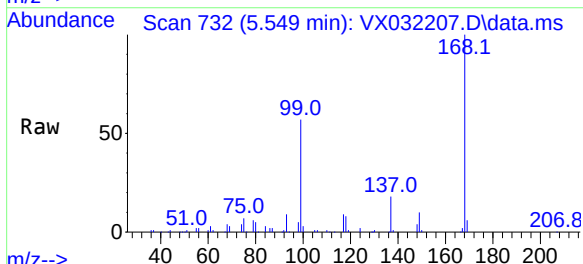
Tgt Ion: 56 Resp: 2771

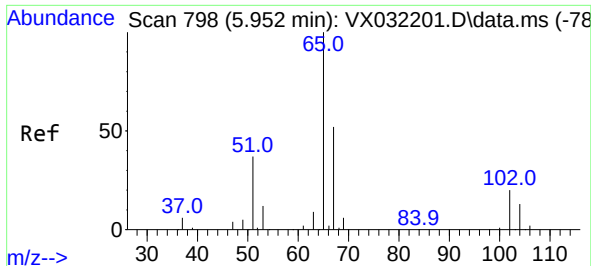
Ion Ratio Lower Upper

56 100

69 158.0 25.4 38.0#

84 130.5 71.2 106.8#





#33

1,2-Dichloroethane-d4

Concen: 49.160 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX032207.D

Acq: 19 Oct 2022 14:54

Instrument :

MSVOA_X

ClientSampleId :

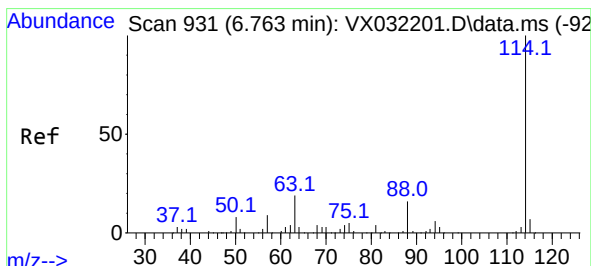
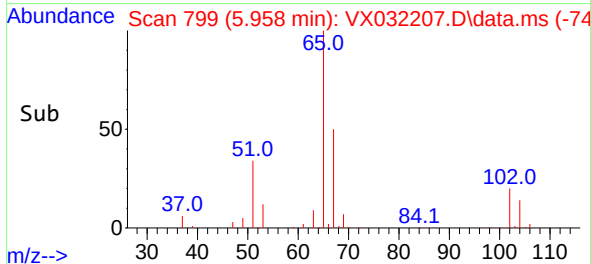
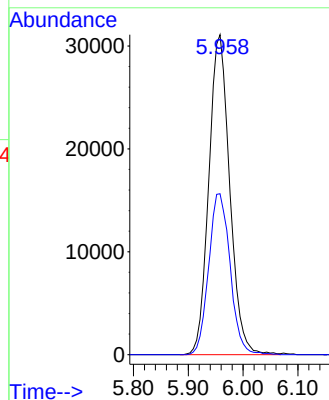
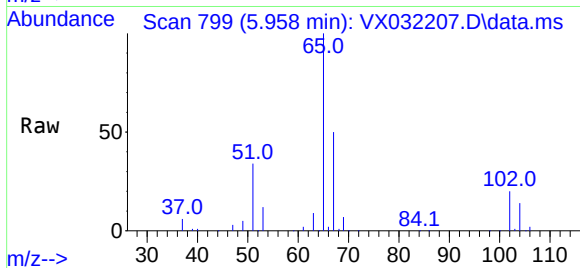
VX1019MBL02

Tgt Ion: 65 Resp: 82201

Ion Ratio Lower Upper

65 100

67 51.7 0.0 103.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX032207.D

Acq: 19 Oct 2022 14:54

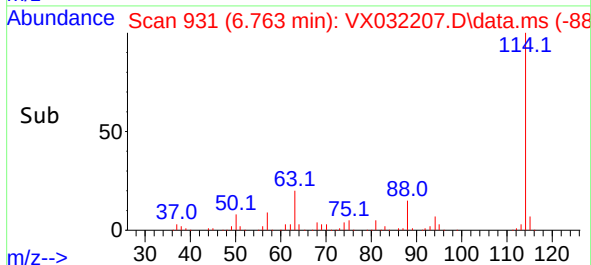
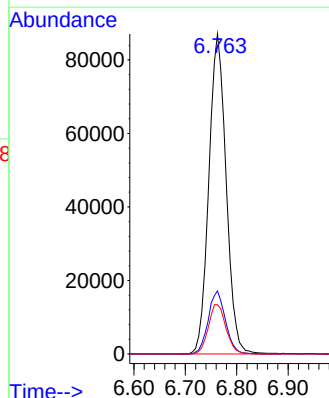
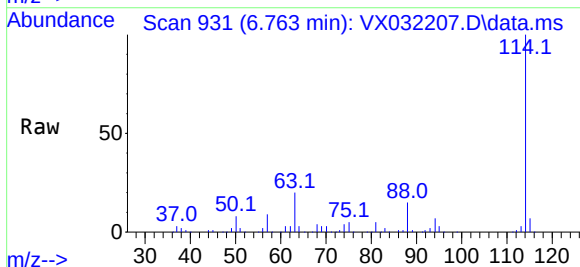
Tgt Ion: 114 Resp: 203121

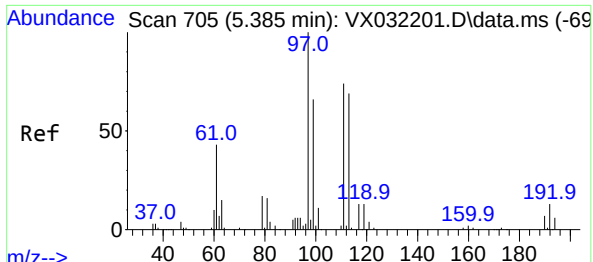
Ion Ratio Lower Upper

114 100

63 19.7 0.0 38.6

88 15.4 0.0 32.6

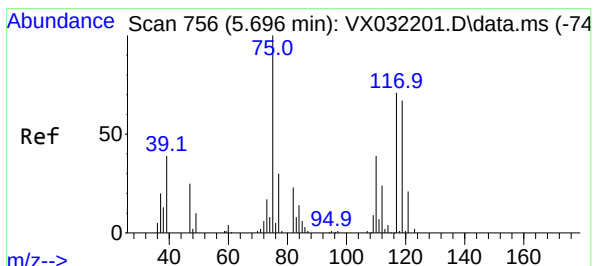
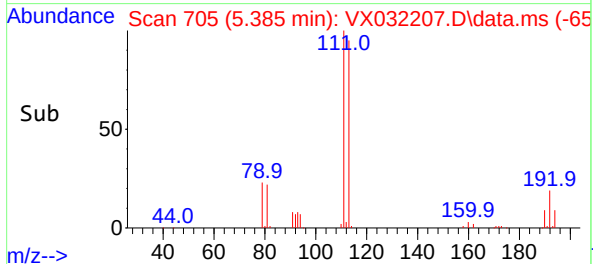
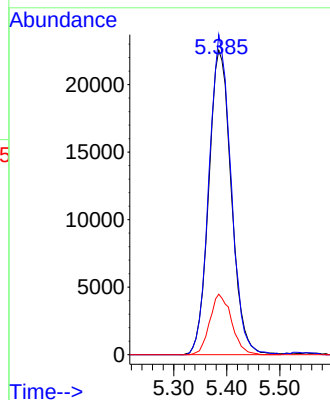
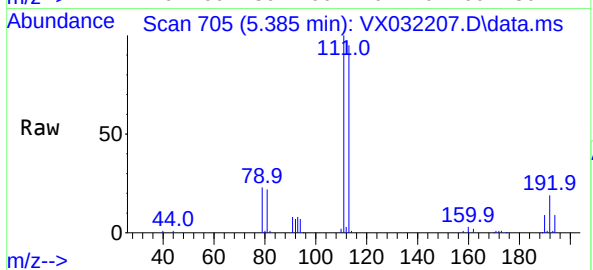




#35
Dibromofluoromethane
Concen: 47.036 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032207.D
Acq: 19 Oct 2022 14:54

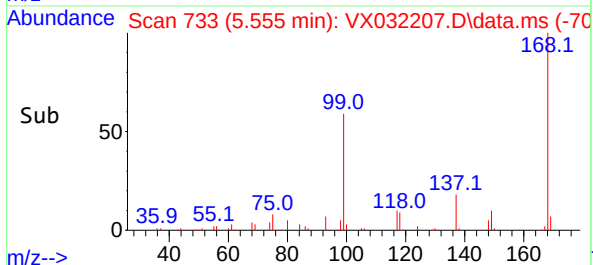
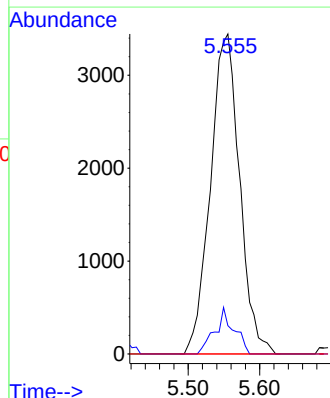
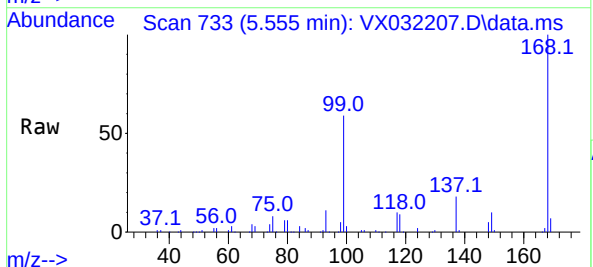
Instrument :
MSVOA_X
ClientSampleId :
VX1019MBL02

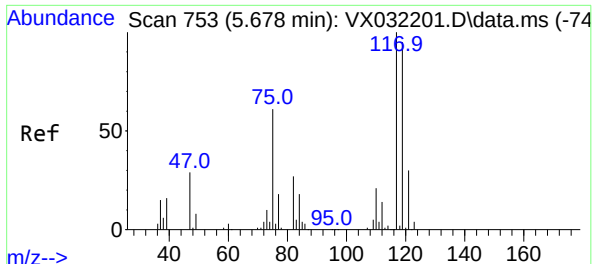
Tgt Ion:113 Resp: 66483
Ion Ratio Lower Upper
113 100
111 102.4 82.8 124.2
192 19.2 15.5 23.3



#36
1,1-Dichloropropene
Concen: 5.371 ug/l
RT: 5.555 min Scan# 733
Delta R.T. -0.141 min
Lab File: VX032207.D
Acq: 19 Oct 2022 14:54

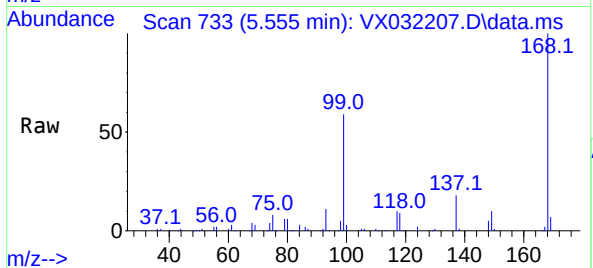
Tgt Ion: 75 Resp: 9765
Ion Ratio Lower Upper
75 100
110 9.5 18.4 55.0#
77 0.0 24.7 37.1#



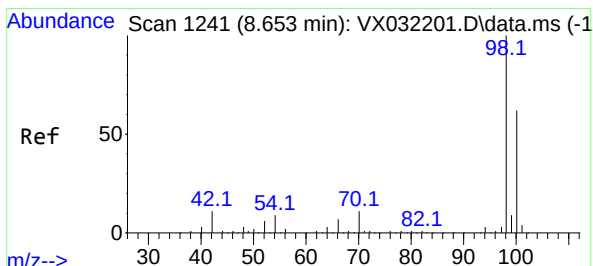
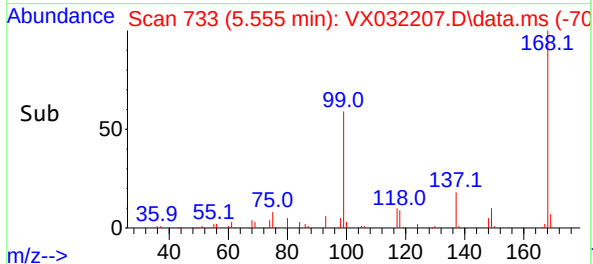
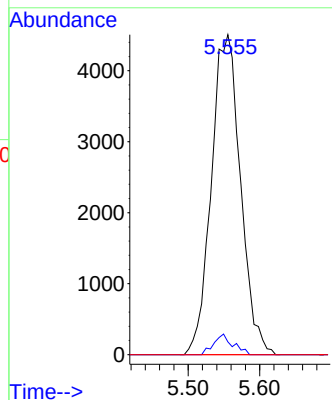


#38
Carbon Tetrachloride
Concen: 6.646 ug/l
RT: 5.555 min Scan# 71
Delta R.T. -0.123 min
Lab File: VX032207.D
Acq: 19 Oct 2022 14:54

Instrument :
MSVOA_X
ClientSampleId :
VX1019MBL02

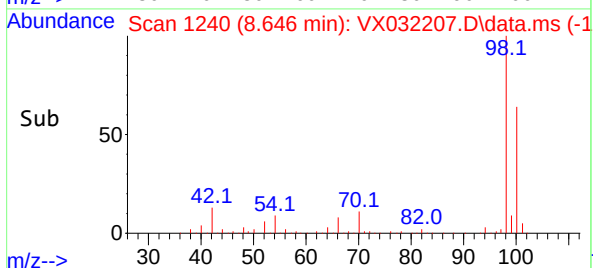
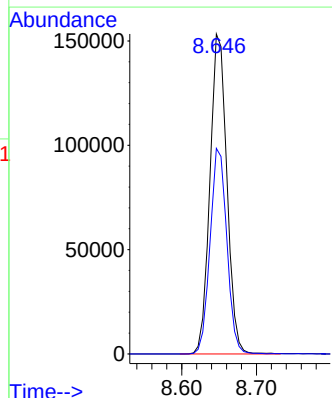
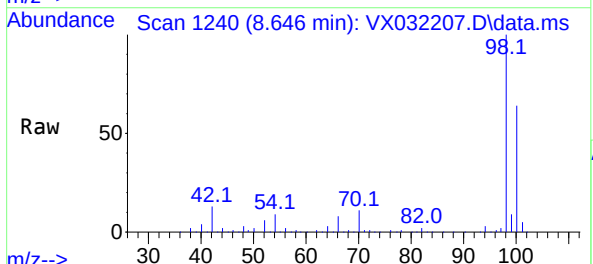


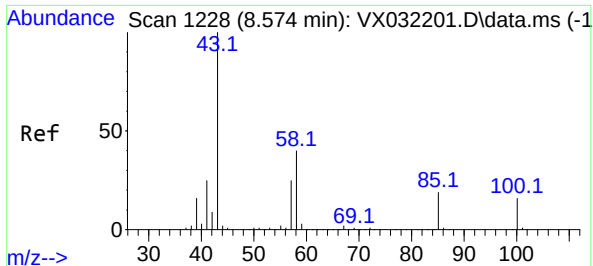
Tgt Ion:117 Resp: 12757
Ion Ratio Lower Upper
117 100
119 4.0 75.4 113.0#
121 0.0 23.9 35.9#



#50
Toluene-d8
Concen: 47.424 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.007 min
Lab File: VX032207.D
Acq: 19 Oct 2022 14:54

Tgt Ion: 98 Resp: 241291
Ion Ratio Lower Upper
98 100
100 63.6 50.7 76.1





#51

4-Methyl-2-Pentanone

Concen: 0.635 ug/l

RT: 8.652 min Scan# 11

Delta R.T. 0.078 min

Lab File: VX032207.D

Acq: 19 Oct 2022 14:54

Instrument :

MSVOA_X

ClientSampleId :

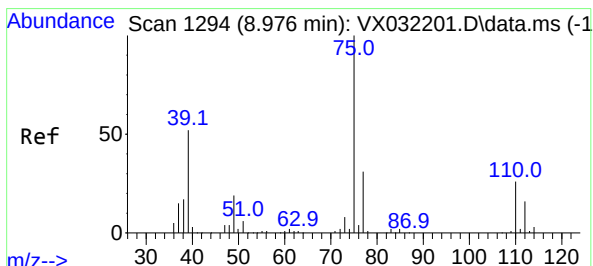
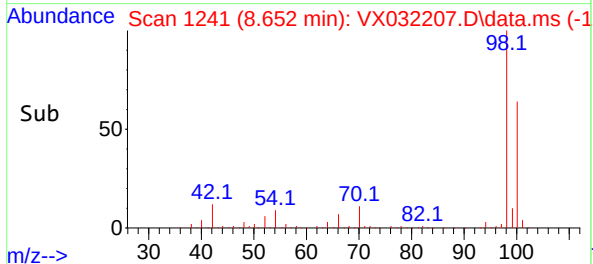
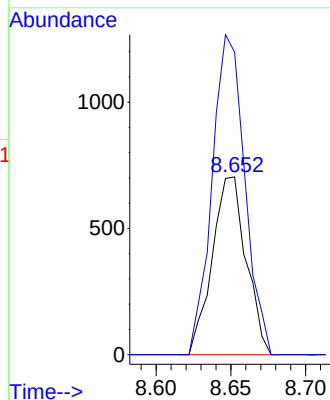
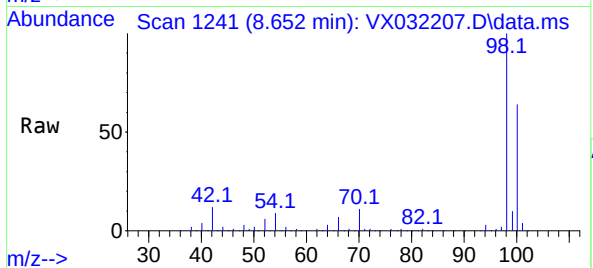
VX1019MBL02

Tgt Ion: 43 Resp: 1112

Ion Ratio Lower Upper

43 100

58 173.2 31.0 46.4#



#53

t-1,3-Dichloropropene

Concen: 1.843 ug/l

RT: 9.000 min Scan# 1298

Delta R.T. 0.024 min

Lab File: VX032207.D

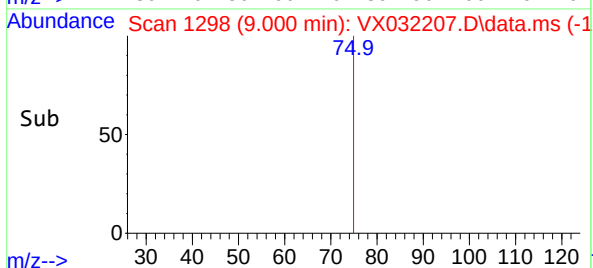
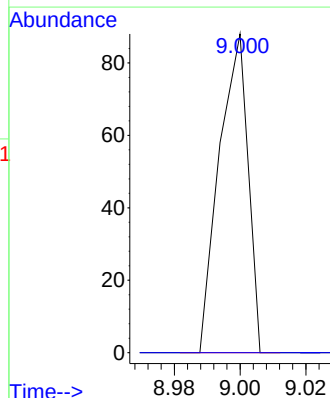
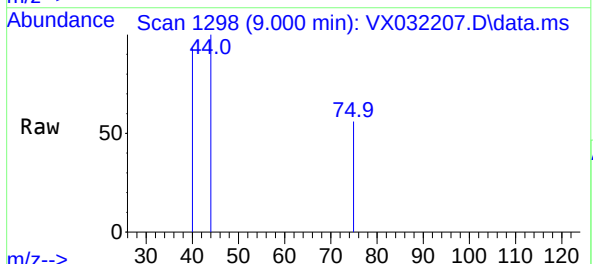
Acq: 19 Oct 2022 14:54

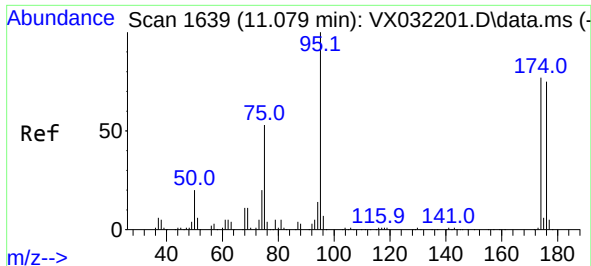
Tgt Ion: 75 Resp: 53

Ion Ratio Lower Upper

75 100

77 0.0 25.2 37.8#

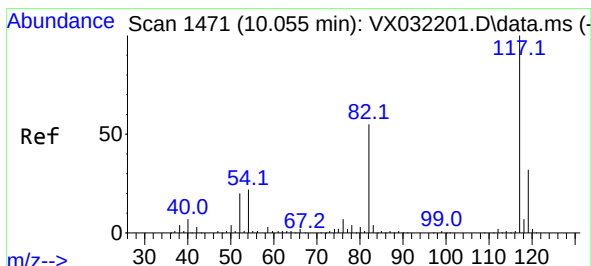
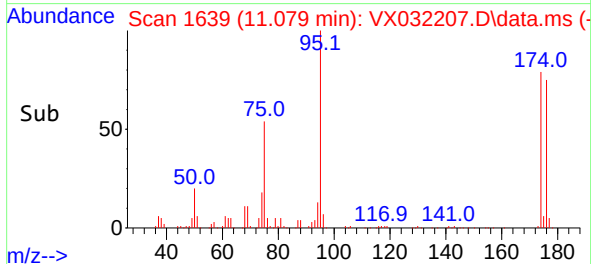
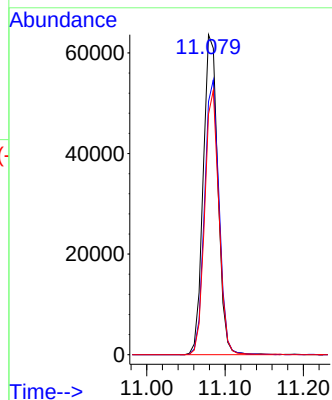
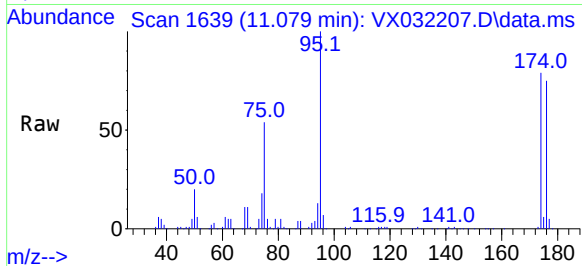




#62
4-Bromofluorobenzene
Concen: 44.363 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX032207.D
Acq: 19 Oct 2022 14:54

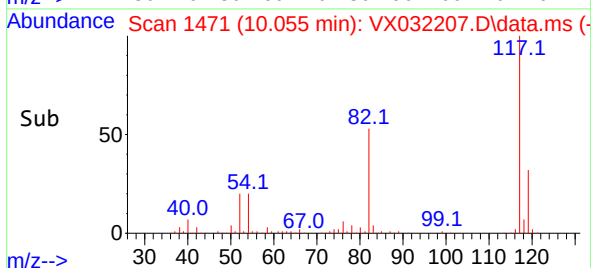
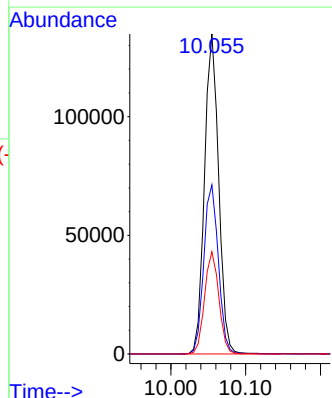
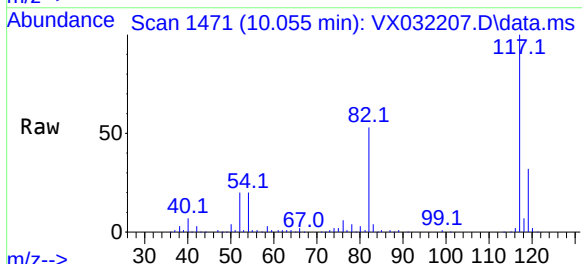
Instrument :
MSVOA_X
ClientSampleId :
VX1019MBL02

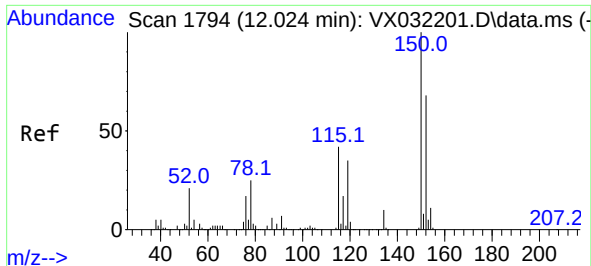
Tgt Ion: 95 Resp: 82654
Ion Ratio Lower Upper
95 100
174 85.3 0.0 166.8
176 79.9 0.0 161.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032207.D
Acq: 19 Oct 2022 14:54

Tgt Ion: 117 Resp: 177425
Ion Ratio Lower Upper
117 100
82 52.8 44.2 66.4
119 32.0 25.8 38.8

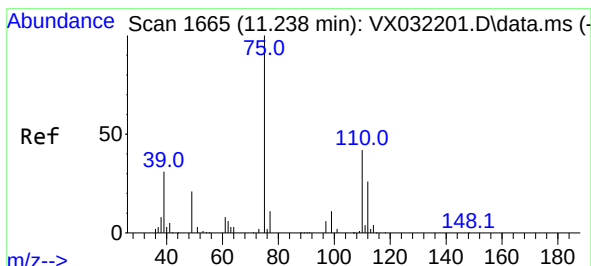
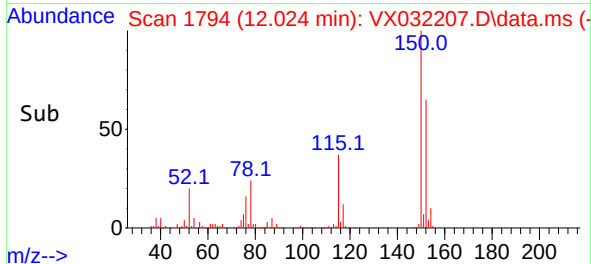
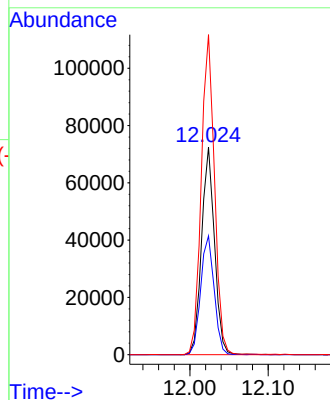
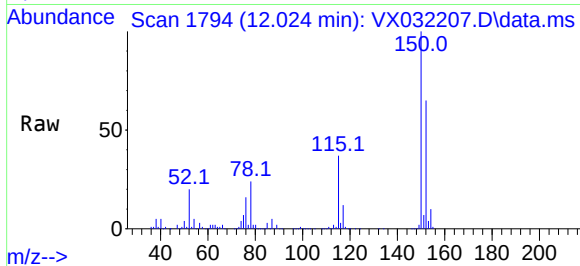




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX032207.D
 Acq: 19 Oct 2022 14:54

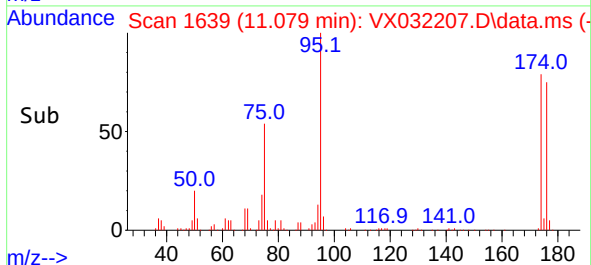
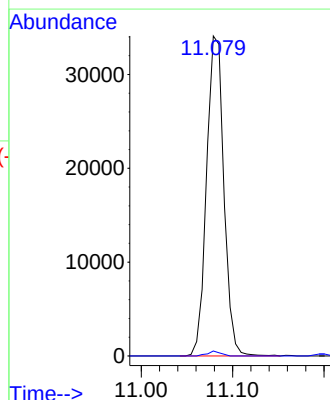
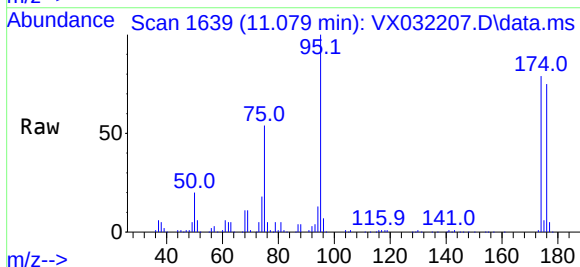
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1019MBL02

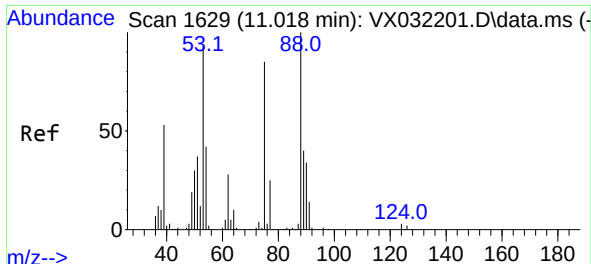
Tgt Ion:152 Resp: 83218
 Ion Ratio Lower Upper
 152 100
 115 59.6 43.1 129.4
 150 157.7 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 27.131 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX032207.D
 Acq: 19 Oct 2022 14:54

Tgt Ion: 75 Resp: 44736
 Ion Ratio Lower Upper
 75 100
 77 1.2 16.0 47.9#

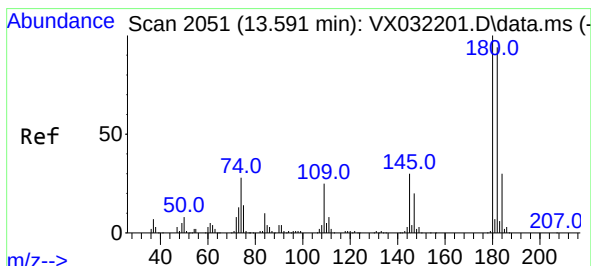
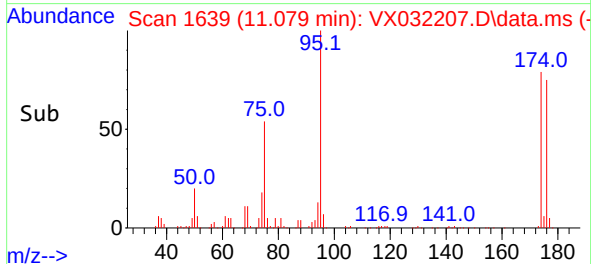
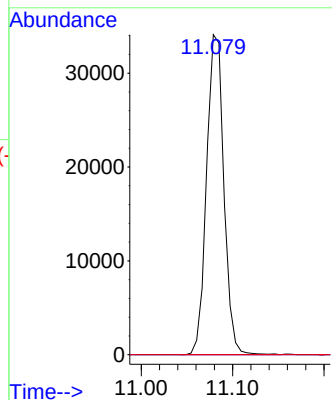
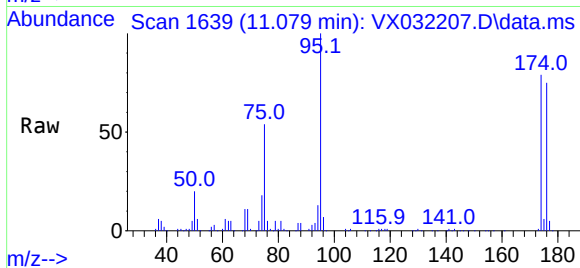




#81
trans-1,4-Dichloro-2-butene
Concen: 83.291 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032207.D
Acq: 19 Oct 2022 14:54

Instrument :
MSVOA_X
ClientSampleId :
VX1019MBL02

Tgt Ion: 75 Resp: 44736
Ion Ratio Lower Upper
75 100
53 0.0 87.8 131.8#
89 0.0 37.8 56.8#



#93
1,2,4-Trichlorobenzene
Concen: 0.237 ug/l
RT: 13.597 min Scan# 2052
Delta R.T. 0.006 min
Lab File: VX032207.D
Acq: 19 Oct 2022 14:54

Tgt Ion:180 Resp: 425
Ion Ratio Lower Upper
180 100
182 78.8 46.8 140.3
145 24.2 15.6 46.7

