

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120222\
 Data File : VX033205.D
 Acq On : 02 Dec 2022 22:43
 Operator : JC/MD
 Sample : VX1202WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1202WBL02

Quant Time: Dec 05 00:59:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

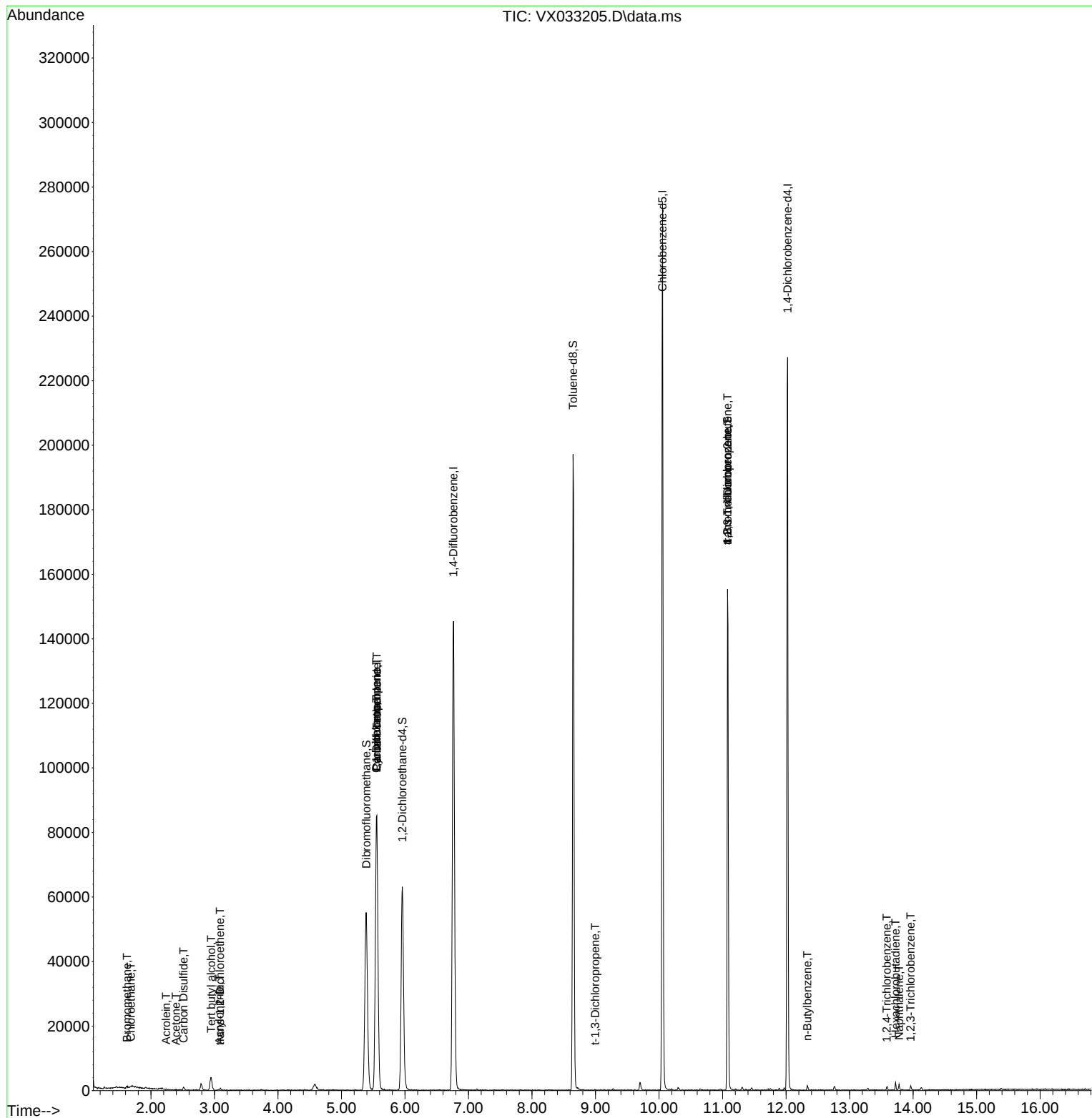
Internal Standards						
1) Pentafluorobenzene	5.556	168	80945	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	148976	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	119855	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	47319	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	64448	83.586	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 167.180%#			
35) Dibromofluoromethane	5.391	113	48386	57.611	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 115.220%			
50) Toluene-d8	8.647	98	117693	46.419	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 92.840%			
62) 4-Bromofluorobenzene	11.079	95	40323	36.549	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 73.100%#			
Target Compounds						Qvalue
5) Bromomethane	1.623	94	249	0.452	ug/l #	69
6) Chloroethane	1.684	64	171	0.283	ug/l #	42
11) Tert butyl alcohol	2.946	59	2513	20.111	ug/l #	72
13) Acrolein	2.239	56	76	0.529	ug/l #	44
15) Acrylonitrile	3.081	53	190	0.538	ug/l #	70
16) Acetone	2.392	43	117	0.318	ug/l #	45
17) Carbon Disulfide	2.514	76	979	0.502	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	172	0.213	ug/l #	38
31) Cyclohexane	5.550	56	1791	1.402	ug/l #	37
36) 1,1-Dichloropropene	5.550	75	6367	4.741	ug/l #	49
38) Carbon Tetrachloride	5.556	117	8426	5.656	ug/l #	17
53) t-1,3-Dichloropropene	8.994	75	41	1.543	ug/l #	43
76) 1,2,3-Trichloropropane	11.079	75	21981	24.528	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	21981	79.729	ug/l #	6
89) n-Butylbenzene	12.335	91	598	0.242	ug/l	84
93) 1,2,4-Trichlorobenzene	13.585	180	372	0.398	ug/l	99
94) Hexachlorobutadiene	13.725	225	410	0.994	ug/l	83
95) Naphthalene	13.780	128	1425	0.471	ug/l #	94
96) 1,2,3-Trichlorobenzene	13.963	180	472	0.503	ug/l	95

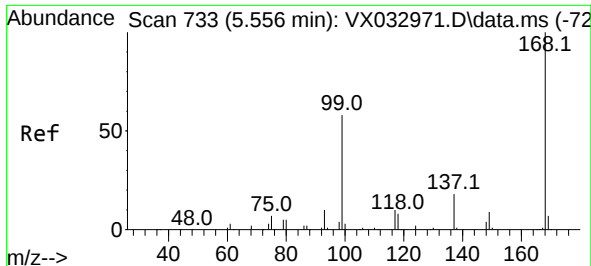
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120222\
Data File : VX033205.D
Acq On : 02 Dec 2022 22:43
Operator : JC/MD
Sample : VX1202WBL02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1202WBL02

Quant Time: Dec 05 00:59:46 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 22 13:58:46 2022
Response via : Initial Calibration

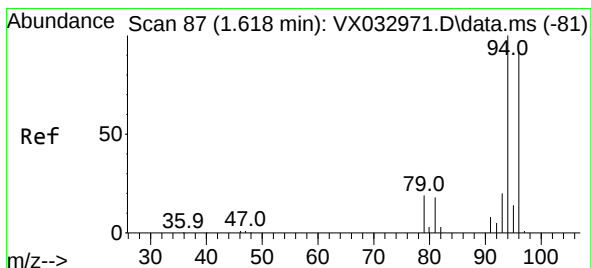
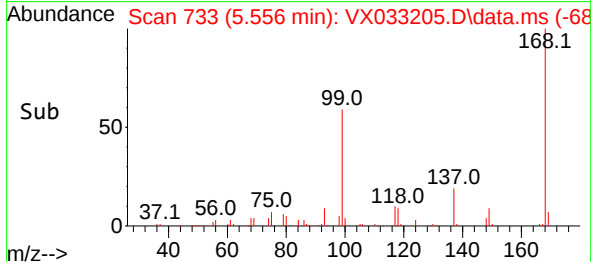
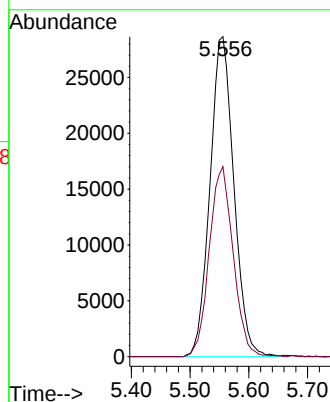
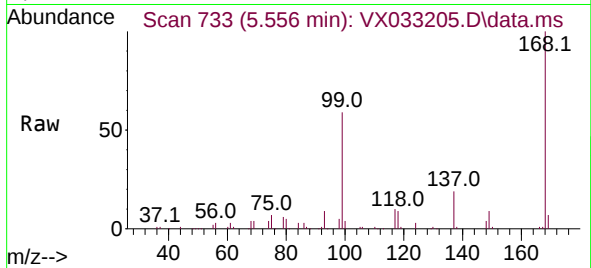




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033205.D
Acq: 02 Dec 2022 22:43

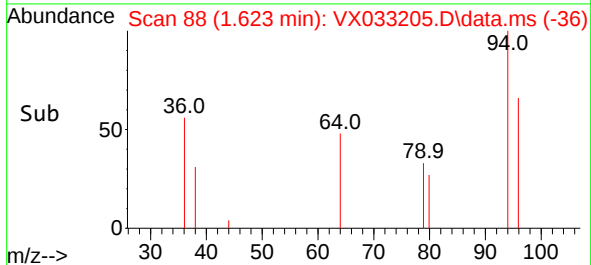
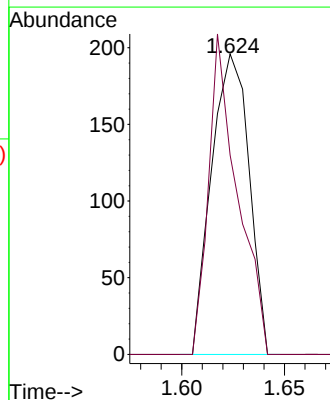
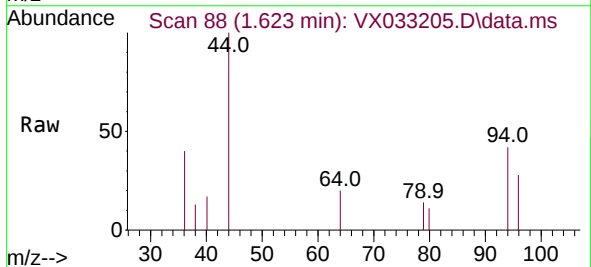
Instrument :
MSVOA_X
ClientSampleId :
VX1202WBL02

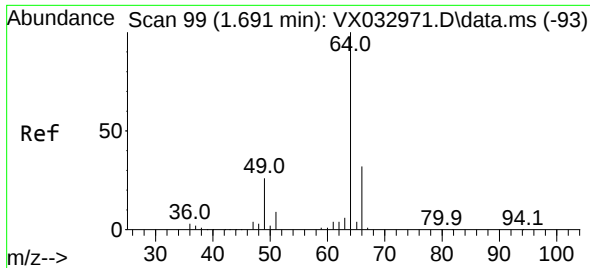
Tgt Ion:168 Resp: 80945
Ion Ratio Lower Upper
168 100
99 59.4 46.1 69.1



#5
Bromomethane
Concen: 0.452 ug/l
RT: 1.623 min Scan# 88
Delta R.T. 0.018 min
Lab File: VX033205.D
Acq: 02 Dec 2022 22:43

Tgt Ion: 94 Resp: 249
Ion Ratio Lower Upper
94 100
96 66.3 77.6 116.4#

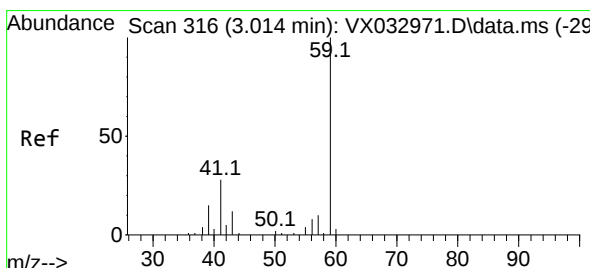
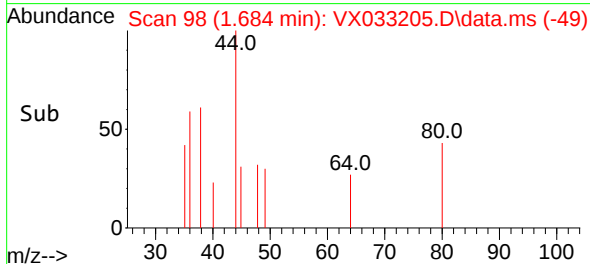
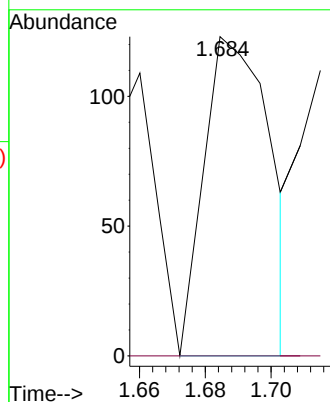
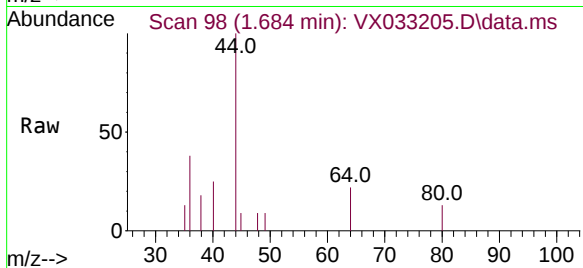




#6
Chloroethane
Concen: 0.283 ug/l
RT: 1.684 min Scan# 91
Delta R.T. -0.001 min
Lab File: VX033205.D
Acq: 02 Dec 2022 22:43

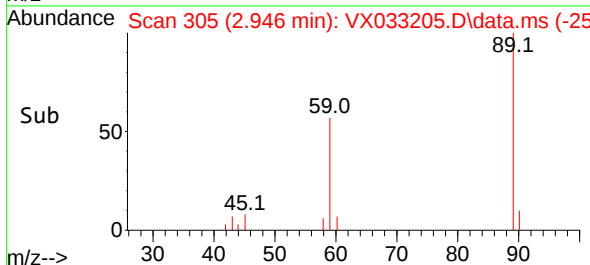
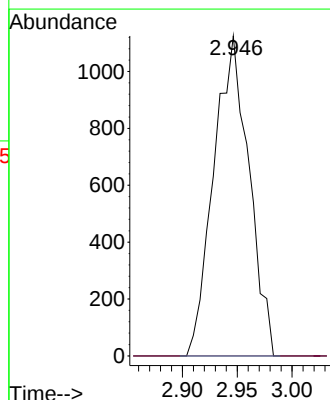
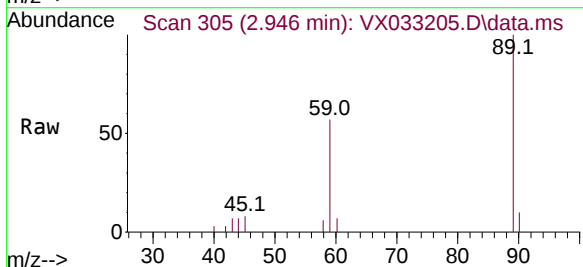
Instrument :
MSVOA_X
ClientSampleId :
VX1202WBL02

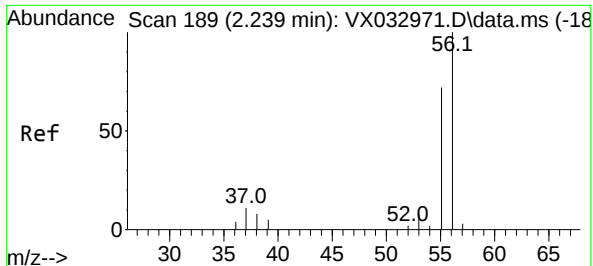
Tgt Ion: 64 Resp: 171
Ion Ratio Lower Upper
64 100
66 0.0 26.0 39.0#



#11
Tert butyl alcohol
Concen: 20.111 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.019 min
Lab File: VX033205.D
Acq: 02 Dec 2022 22:43

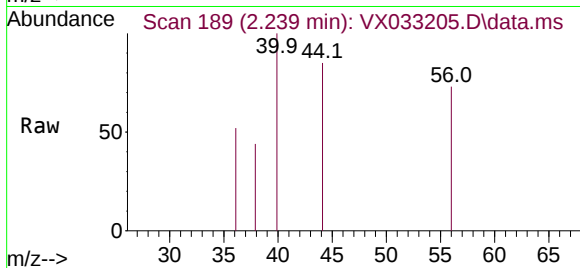
Tgt Ion: 59 Resp: 2513
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



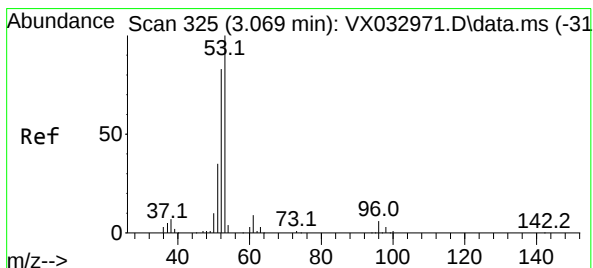
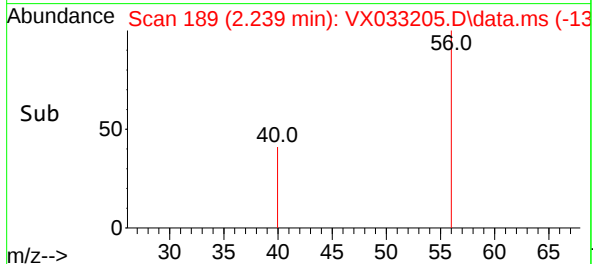
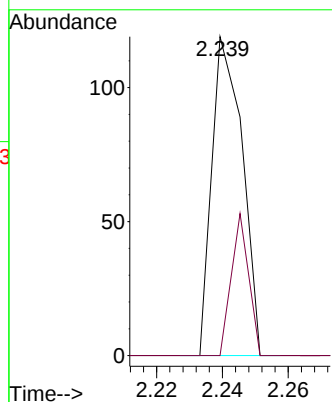


#13
Acrolein
Concen: 0.529 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX033205.D
Acq: 02 Dec 2022 22:43

Instrument :
MSVOA_X
ClientSampleId :
VX1202WBL02

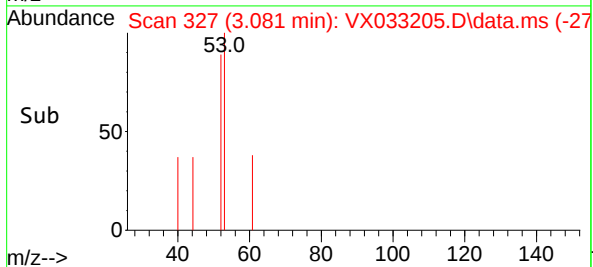
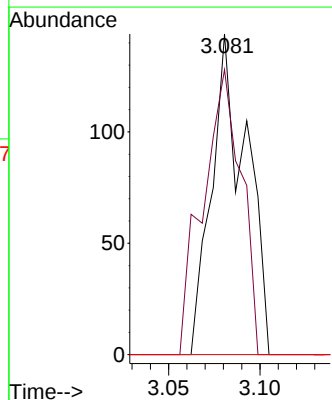
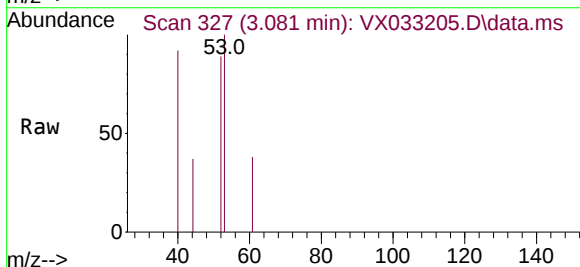


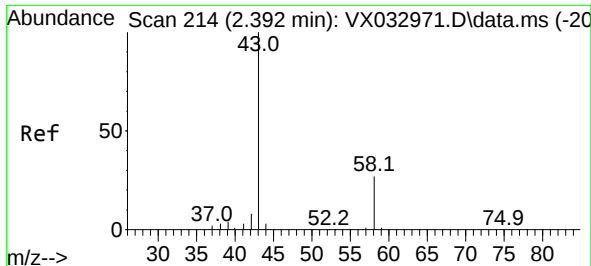
Tgt Ion: 56 Resp: 76
Ion Ratio Lower Upper
56 100
55 25.0 56.9 85.3#



#15
Acrylonitrile
Concen: 0.538 ug/l
RT: 3.081 min Scan# 327
Delta R.T. 0.019 min
Lab File: VX033205.D
Acq: 02 Dec 2022 22:43

Tgt Ion: 53 Resp: 190
Ion Ratio Lower Upper
53 100
52 98.4 67.4 101.0
51 0.0 30.3 45.5#

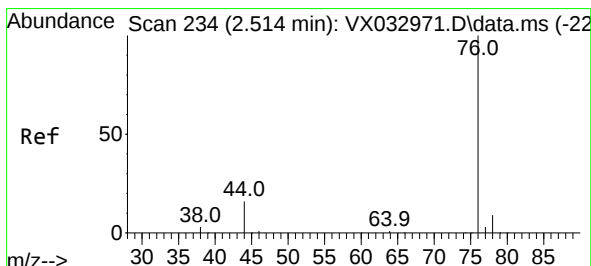
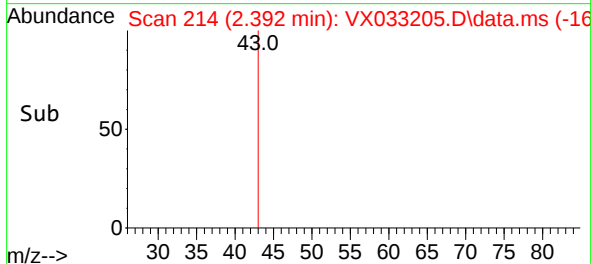
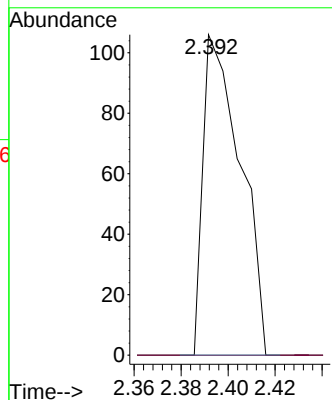
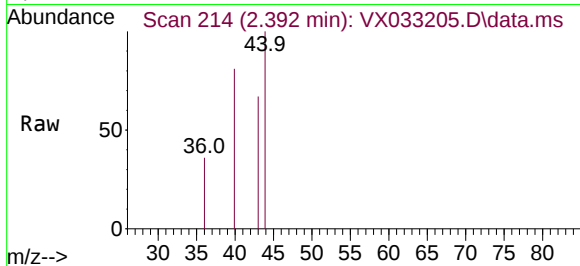




#16
Acetone
Concen: 0.318 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX033205.D
Acq: 02 Dec 2022 22:43

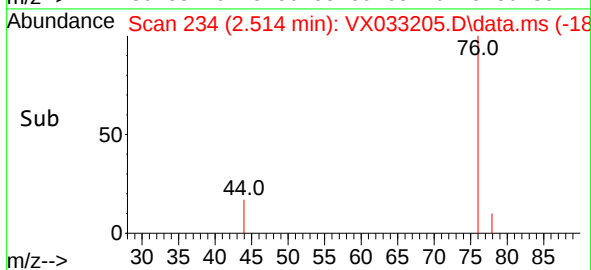
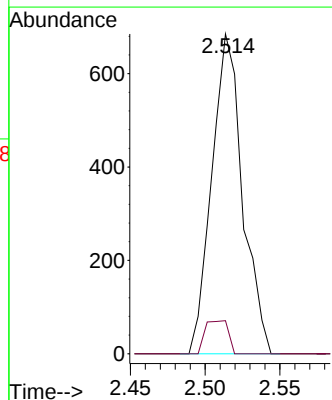
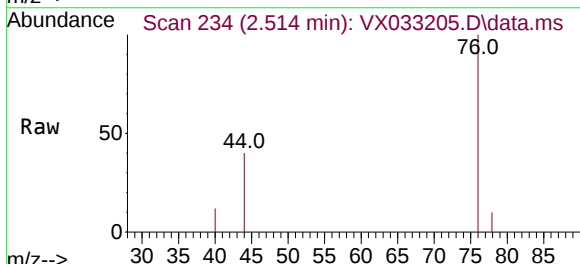
Instrument :
MSVOA_X
ClientSampleId :
VX1202WBL02

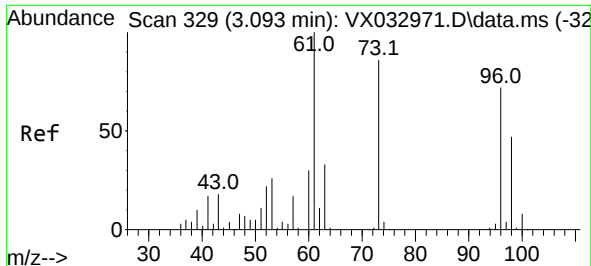
Tgt Ion: 43 Resp: 117
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#17
Carbon Disulfide
Concen: 0.502 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX033205.D
Acq: 02 Dec 2022 22:43

Tgt Ion: 76 Resp: 979
Ion Ratio Lower Upper
76 100
78 10.4 7.5 11.3

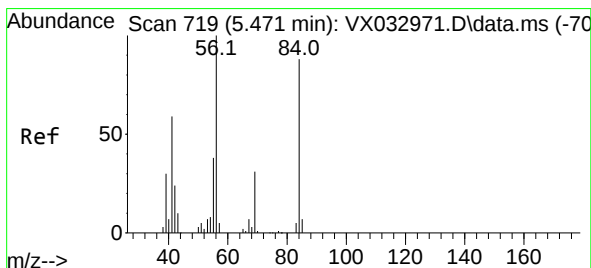
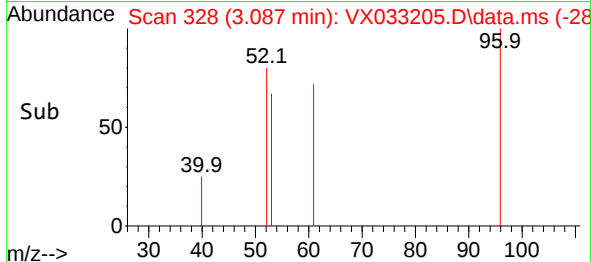
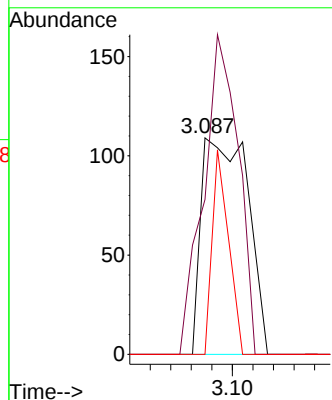
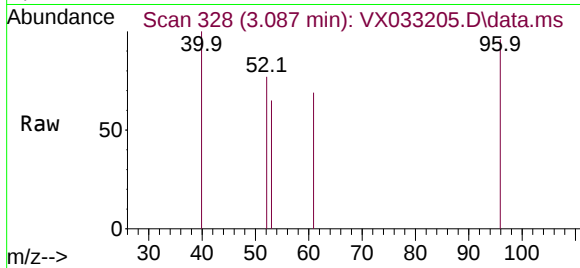




#21
trans-1,2-Dichloroethene
Concen: 0.213 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX033205.D
Acq: 02 Dec 2022 22:43

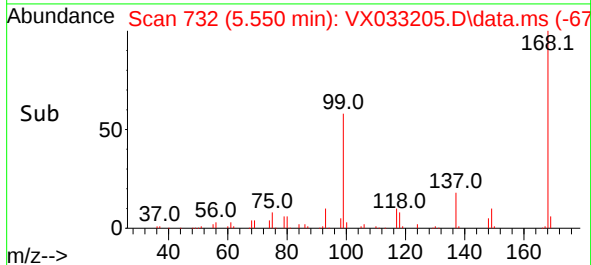
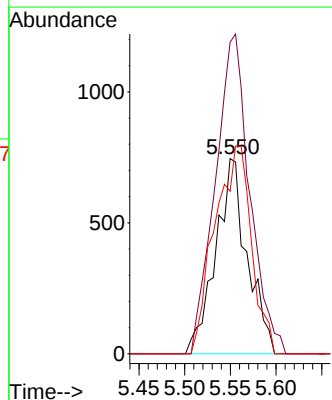
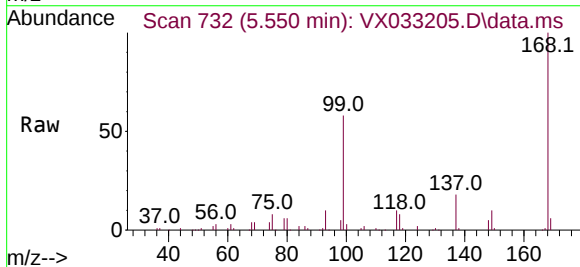
Instrument :
MSVOA_X
ClientSampleId :
VX1202WBL02

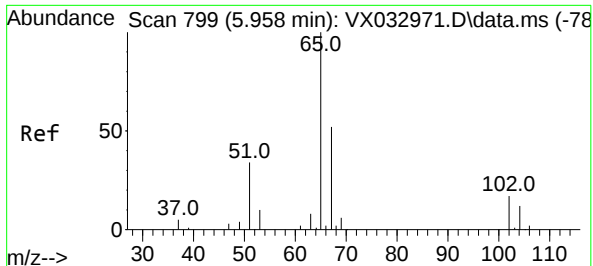
Tgt Ion: 96 Resp: 172
Ion Ratio Lower Upper
96 100
61 71.6 106.6 160.0#
98 0.0 51.0 76.6#



#31
Cyclohexane
Concen: 1.402 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.080 min
Lab File: VX033205.D
Acq: 02 Dec 2022 22:43

Tgt Ion: 56 Resp: 1791
Ion Ratio Lower Upper
56 100
69 159.6 24.1 36.1#
84 83.4 66.9 100.3





#33

1,2-Dichloroethane-d4

Concen: 83.586 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033205.D

Acq: 02 Dec 2022 22:43

Instrument :

MSVOA_X

ClientSampleId :

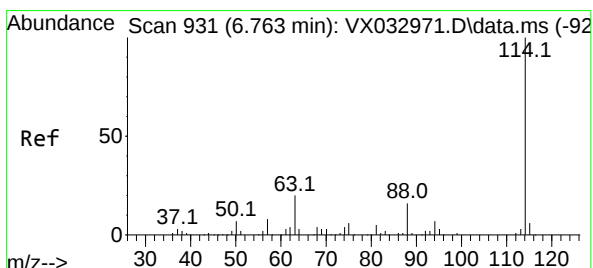
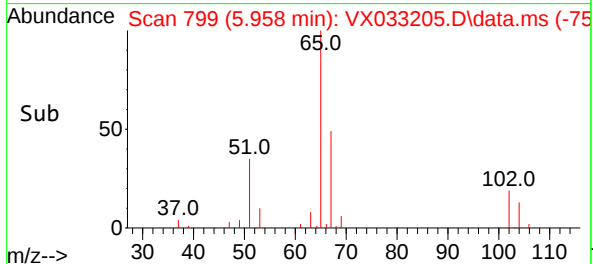
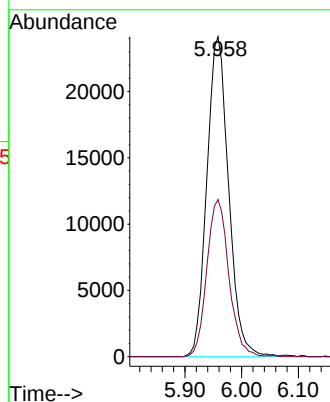
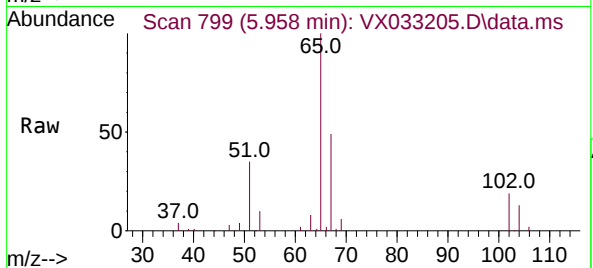
VX1202WBL02

Tgt Ion: 65 Resp: 64448

Ion Ratio Lower Upper

65 100

67 49.8 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX033205.D

Acq: 02 Dec 2022 22:43

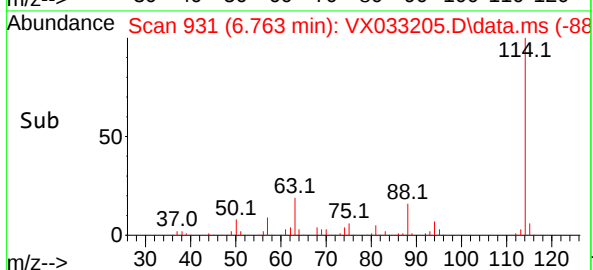
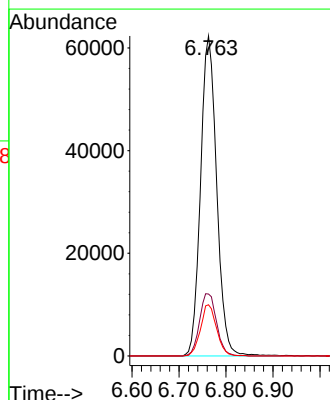
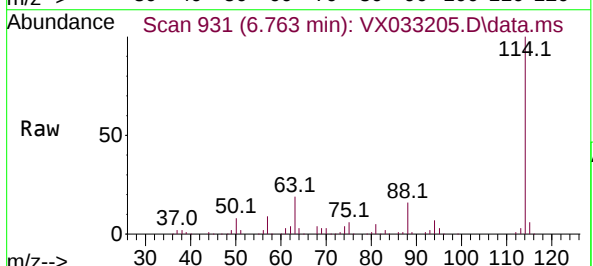
Tgt Ion: 114 Resp: 148976

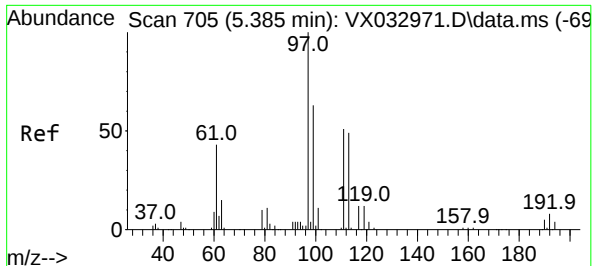
Ion Ratio Lower Upper

114 100

63 19.4 0.0 41.6

88 16.0 0.0 33.4





#35

Dibromofluoromethane

Concen: 57.611 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX033205.D

Acq: 02 Dec 2022 22:43

Instrument :

MSVOA_X

ClientSampleId :

VX1202WBL02

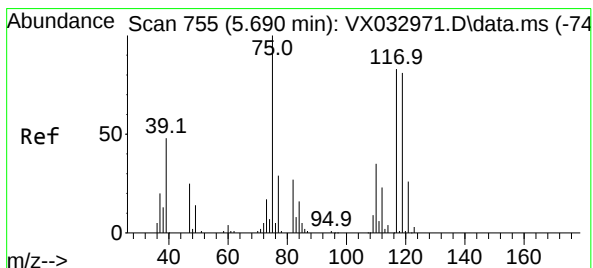
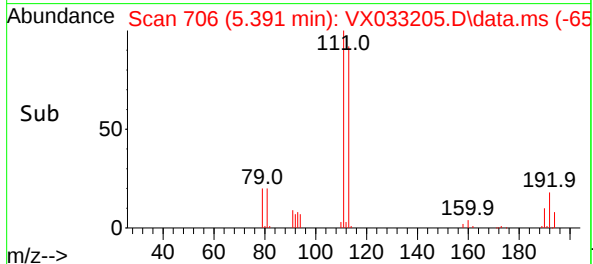
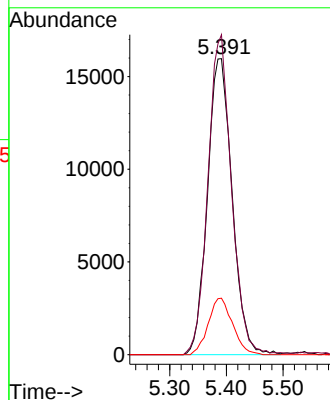
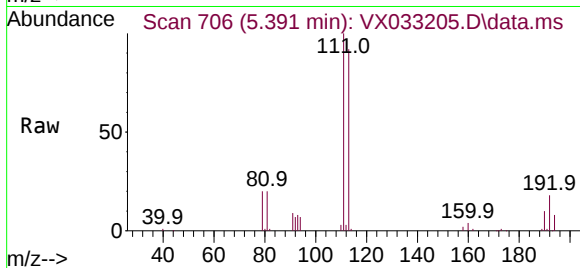
Tgt Ion:113 Resp: 48386

Ion Ratio Lower Upper

113 100

111 103.1 82.4 123.6

192 18.7 15.4 23.2



#36

1,1-Dichloropropene

Concen: 4.741 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX033205.D

Acq: 02 Dec 2022 22:43

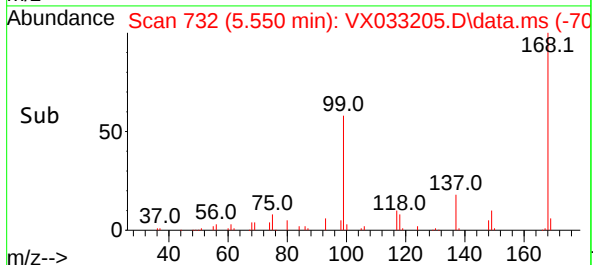
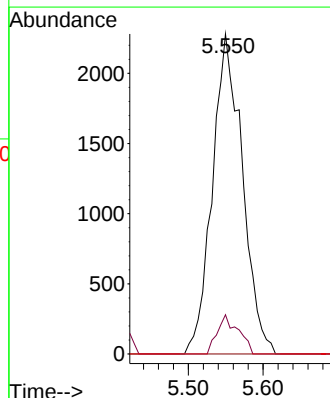
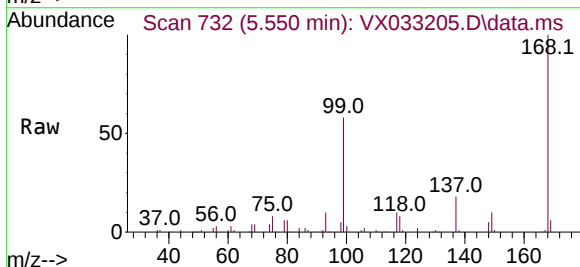
Tgt Ion: 75 Resp: 6367

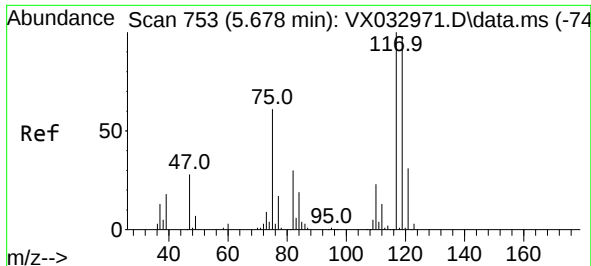
Ion Ratio Lower Upper

75 100

110 8.6 18.4 55.2#

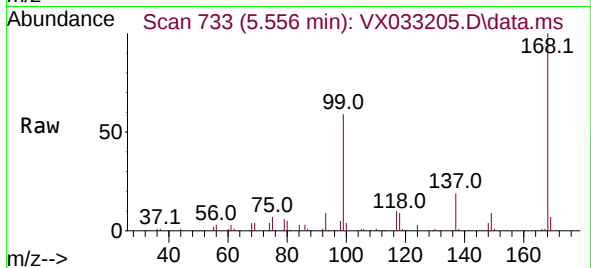
77 0.0 24.5 36.7#



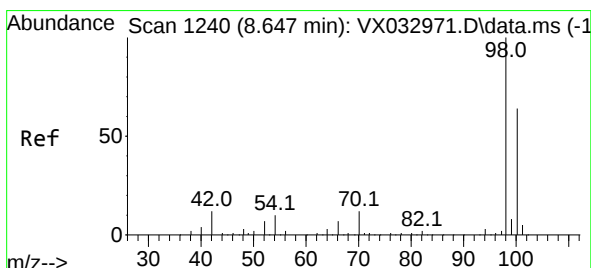
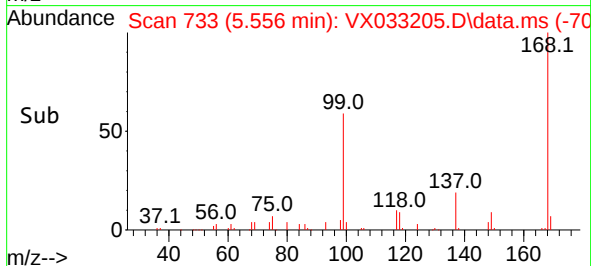
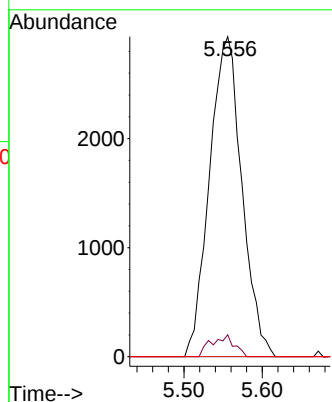


#38
Carbon Tetrachloride
Concen: 5.656 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX033205.D
Acq: 02 Dec 2022 22:43

Instrument :
MSVOA_X
ClientSampleId :
VX1202WBL02

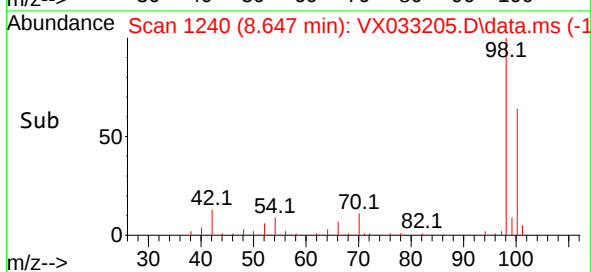
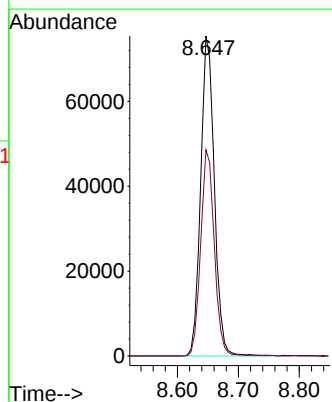
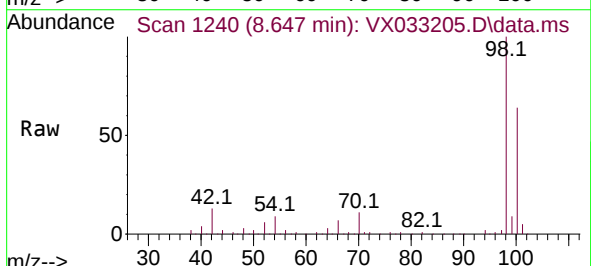


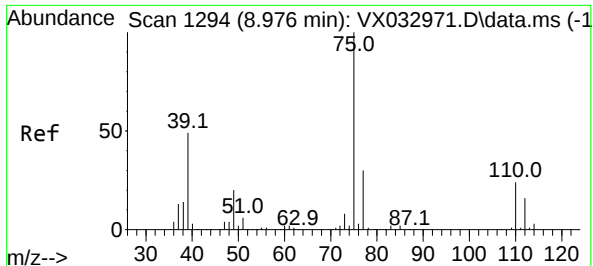
Tgt Ion:117 Resp: 8426
Ion Ratio Lower Upper
117 100
119 6.8 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 46.419 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033205.D
Acq: 02 Dec 2022 22:43

Tgt Ion: 98 Resp: 117693
Ion Ratio Lower Upper
98 100
100 64.2 50.9 76.3





#53

t-1,3-Dichloropropene

Concen: 1.543 ug/l

RT: 8.994 min Scan# 11

Delta R.T. 0.012 min

Lab File: VX033205.D

Acq: 02 Dec 2022 22:43

Instrument :

MSVOA_X

ClientSampleId :

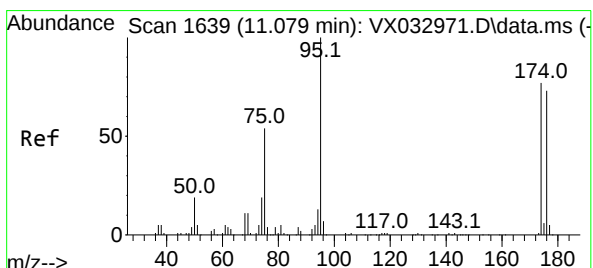
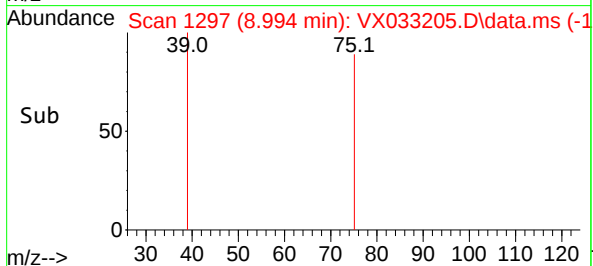
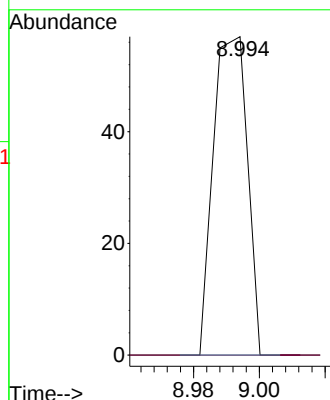
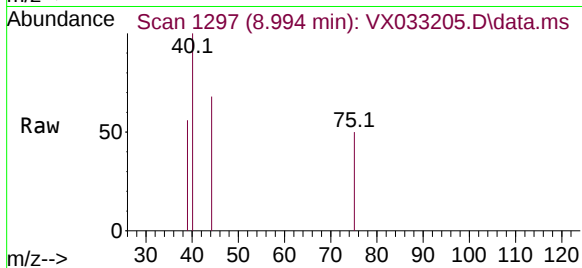
VX1202WBL02

Tgt Ion: 75 Resp: 41

Ion Ratio Lower Upper

75 100

77 0.0 25.1 37.7#



#62

4-Bromofluorobenzene

Concen: 36.549 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX033205.D

Acq: 02 Dec 2022 22:43

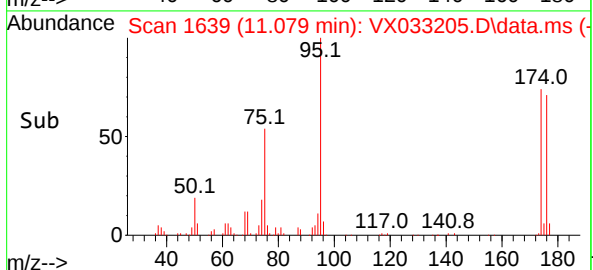
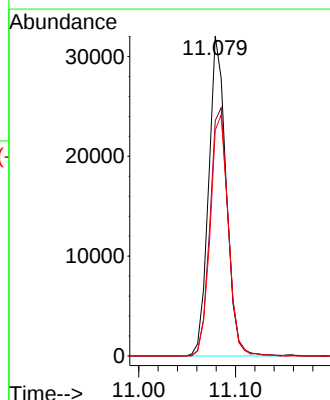
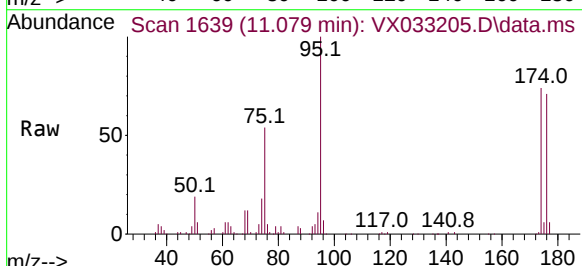
Tgt Ion: 95 Resp: 40323

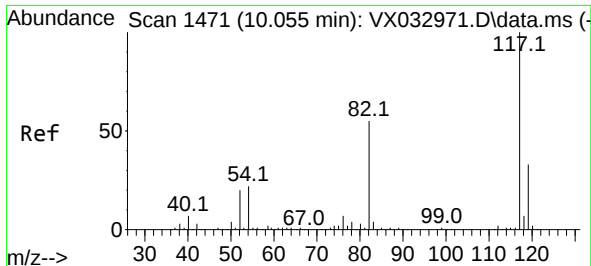
Ion Ratio Lower Upper

95 100

174 81.0 0.0 164.0

176 77.9 0.0 154.4

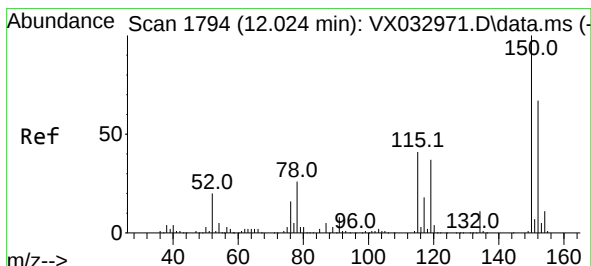
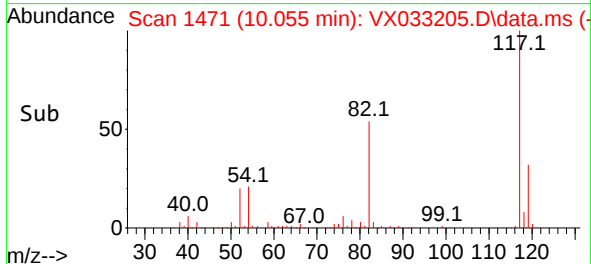
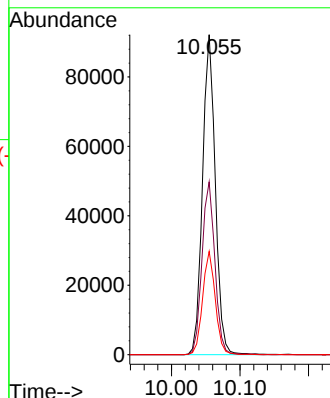
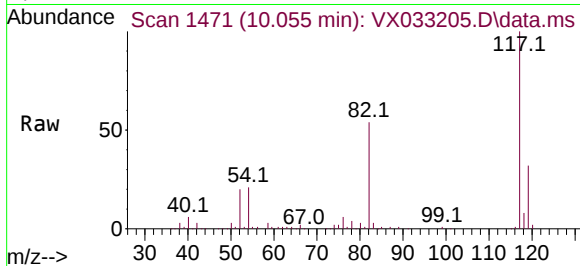




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033205.D
Acq: 02 Dec 2022 22:43

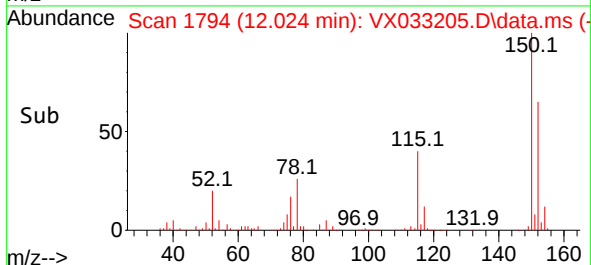
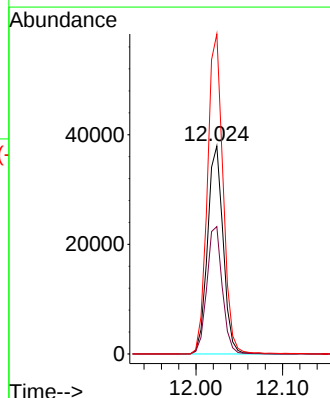
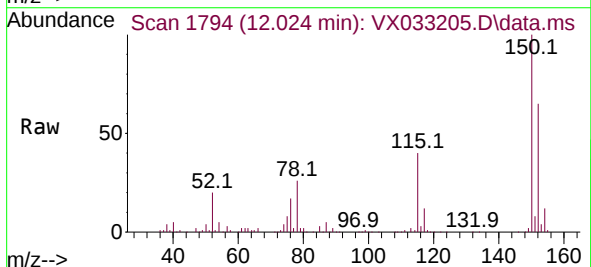
Instrument :
MSVOA_X
ClientSampleId :
VX1202WBL02

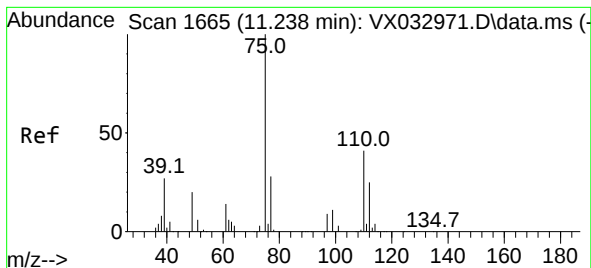
Tgt Ion:117 Resp: 119855
Ion Ratio Lower Upper
117 100
82 54.0 44.3 66.5
119 32.3 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033205.D
Acq: 02 Dec 2022 22:43

Tgt Ion:152 Resp: 47319
Ion Ratio Lower Upper
152 100
115 60.9 44.0 132.0
150 154.4 0.0 351.8

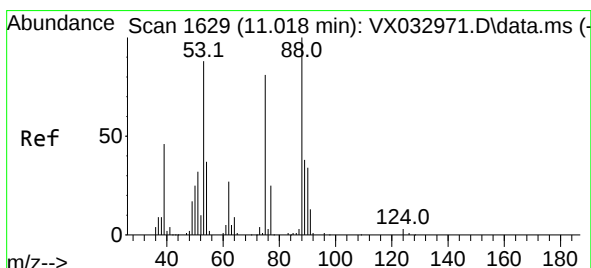
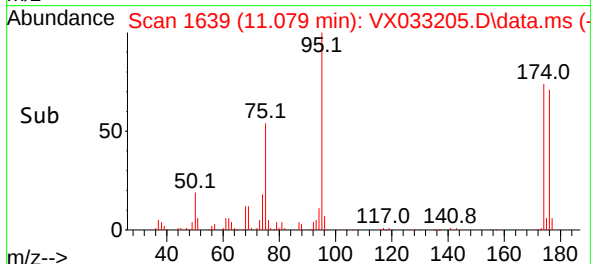
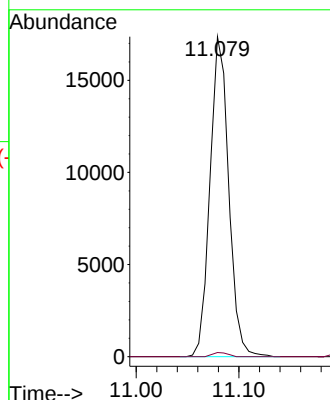
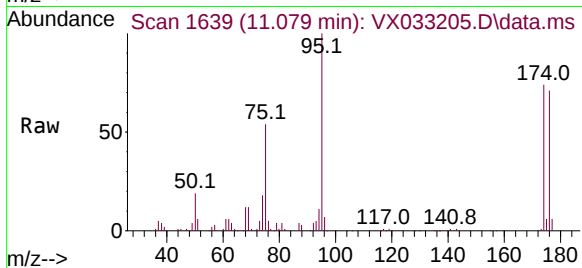




#76
1,2,3-Trichloropropane
Concen: 24.528 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX033205.D
Acq: 02 Dec 2022 22:43

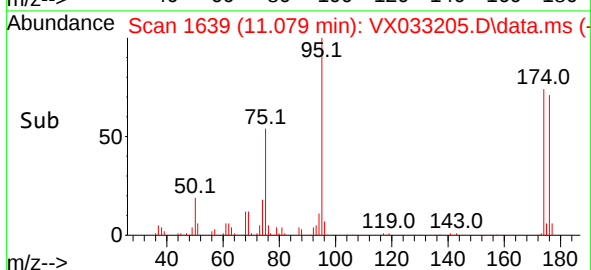
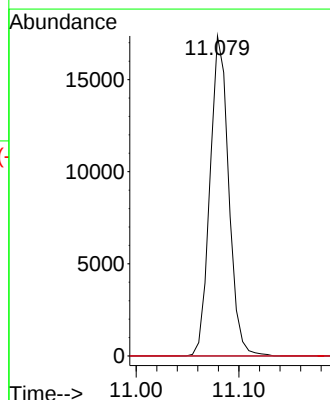
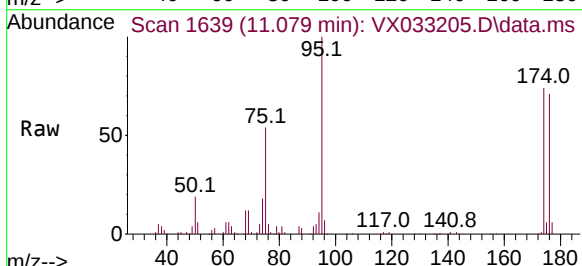
Instrument :
MSVOA_X
ClientSampleId :
VX1202WBL02

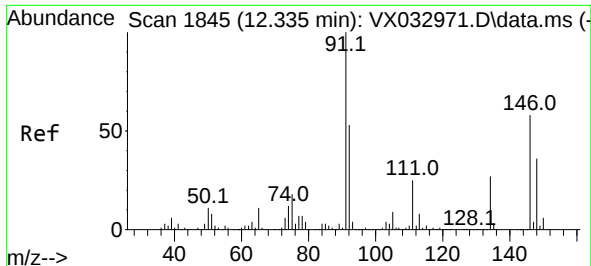
Tgt Ion: 75 Resp: 21981
Ion Ratio Lower Upper
75 100
77 1.1 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 79.729 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033205.D
Acq: 02 Dec 2022 22:43

Tgt Ion: 75 Resp: 21981
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#





#89

n-Butylbenzene

Concen: 0.242 ug/l

RT: 12.335 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX033205.D

Acq: 02 Dec 2022 22:43

Instrument :

MSVOA_X

ClientSampleId :

VX1202WBL02

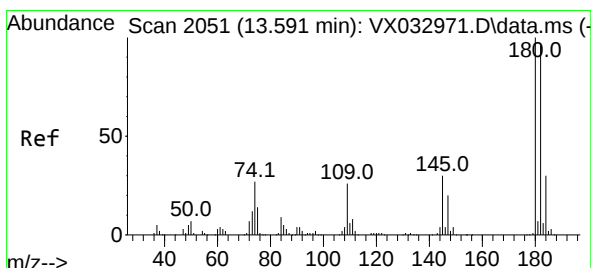
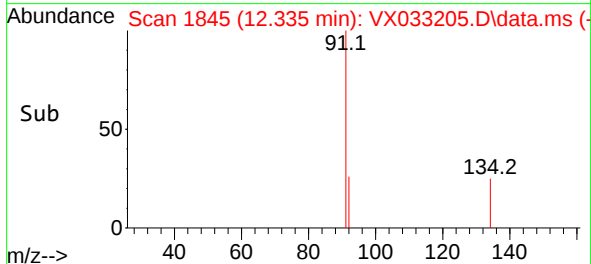
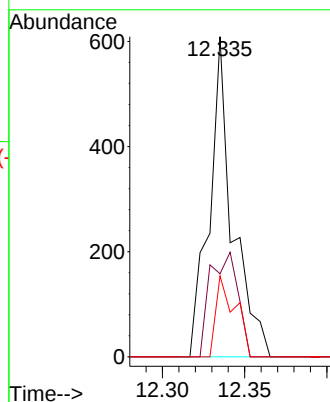
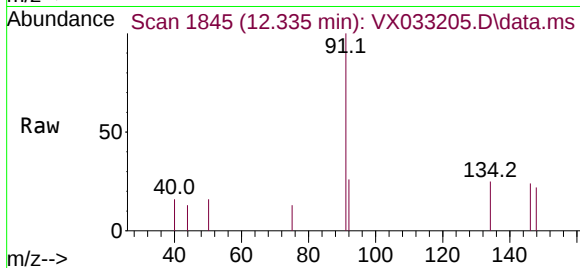
Tgt Ion: 91 Resp: 598

Ion Ratio Lower Upper

91 100

92 39.0 26.2 78.6

134 20.9 12.9 38.6



#93

1,2,4-Trichlorobenzene

Concen: 0.398 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.006 min

Lab File: VX033205.D

Acq: 02 Dec 2022 22:43

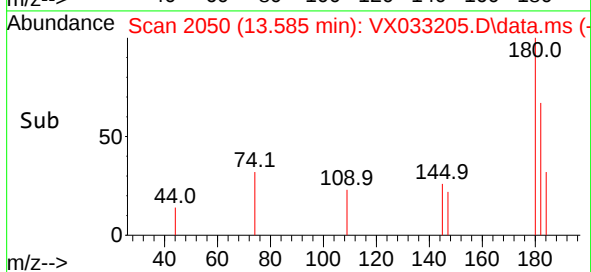
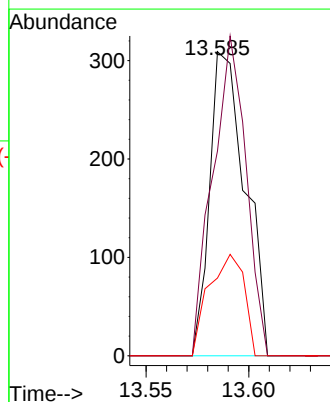
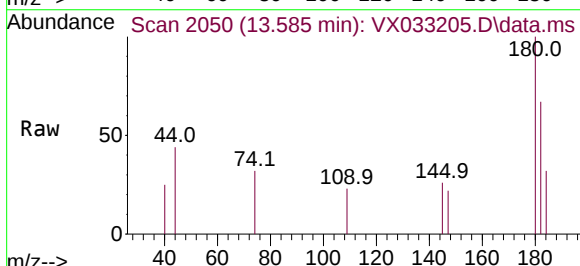
Tgt Ion: 180 Resp: 372

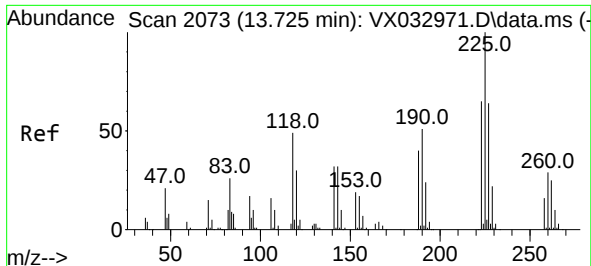
Ion Ratio Lower Upper

180 100

182 98.1 48.4 145.0

145 33.1 16.2 48.5

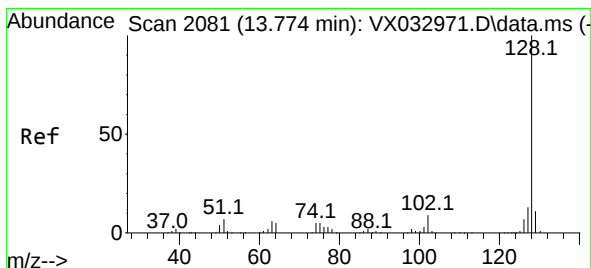
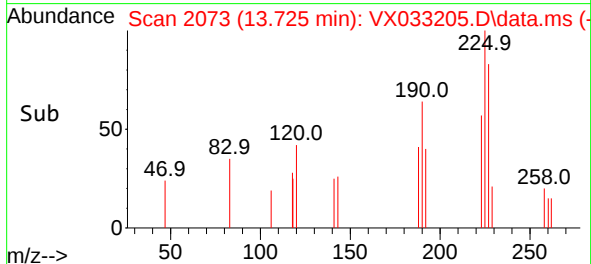
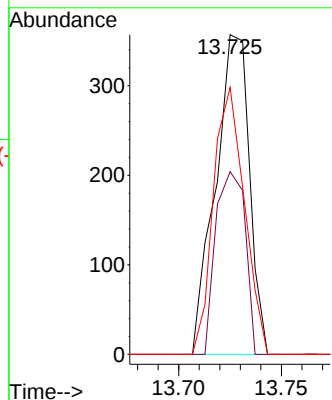
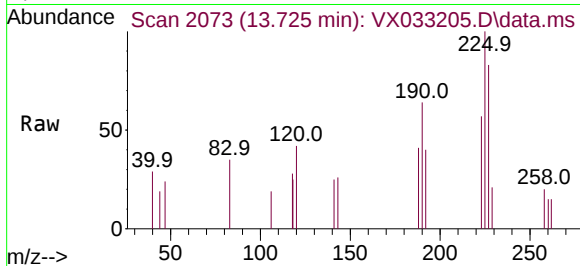




#94
Hexachlorobutadiene
Concen: 0.994 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX033205.D
Acq: 02 Dec 2022 22:43

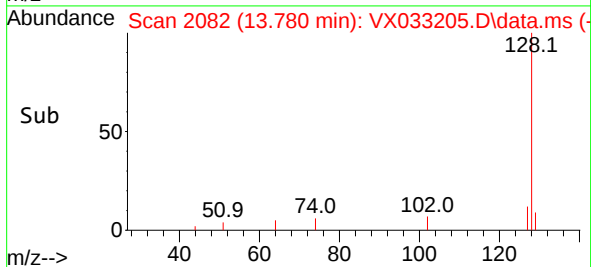
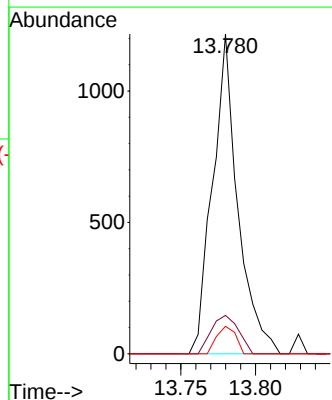
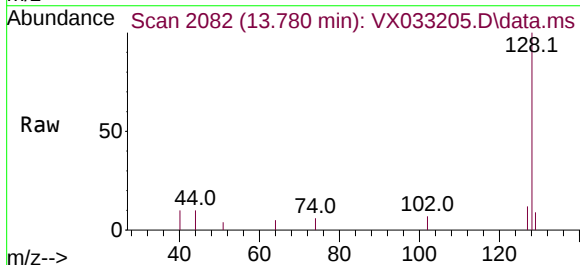
Instrument :
MSVOA_X
ClientSampleId :
VX1202WBL02

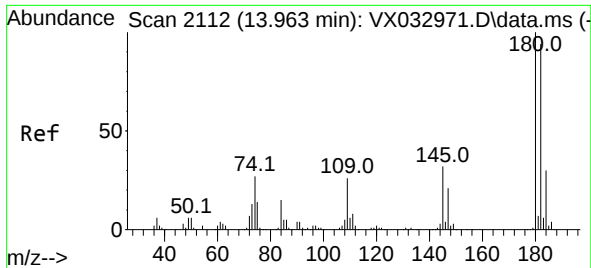
Tgt Ion:225	Resp:	410	
Ion	Ratio	Lower	Upper
225	100		
223	49.5	31.9	95.9
227	76.1	31.9	95.5



#95
Naphthalene
Concen: 0.471 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX033205.D
Acq: 02 Dec 2022 22:43

Tgt Ion:128	Resp:	1425	
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	6.5	8.9	13.3#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.503 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX033205.D
 Acq: 02 Dec 2022 22:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1202WBL02

Tgt Ion:180 Resp: 472
 Ion Ratio Lower Upper
 180 100
 182 92.2 47.5 142.6
 145 26.7 16.9 50.6

