

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100322\
 Data File : VX031836.D
 Acq On : 03 Oct 2022 16:11
 Operator : JC/MD
 Sample : VX1003MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 04 07:02:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100322W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 06:59:30 2022
 Response via : Initial Calibration

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

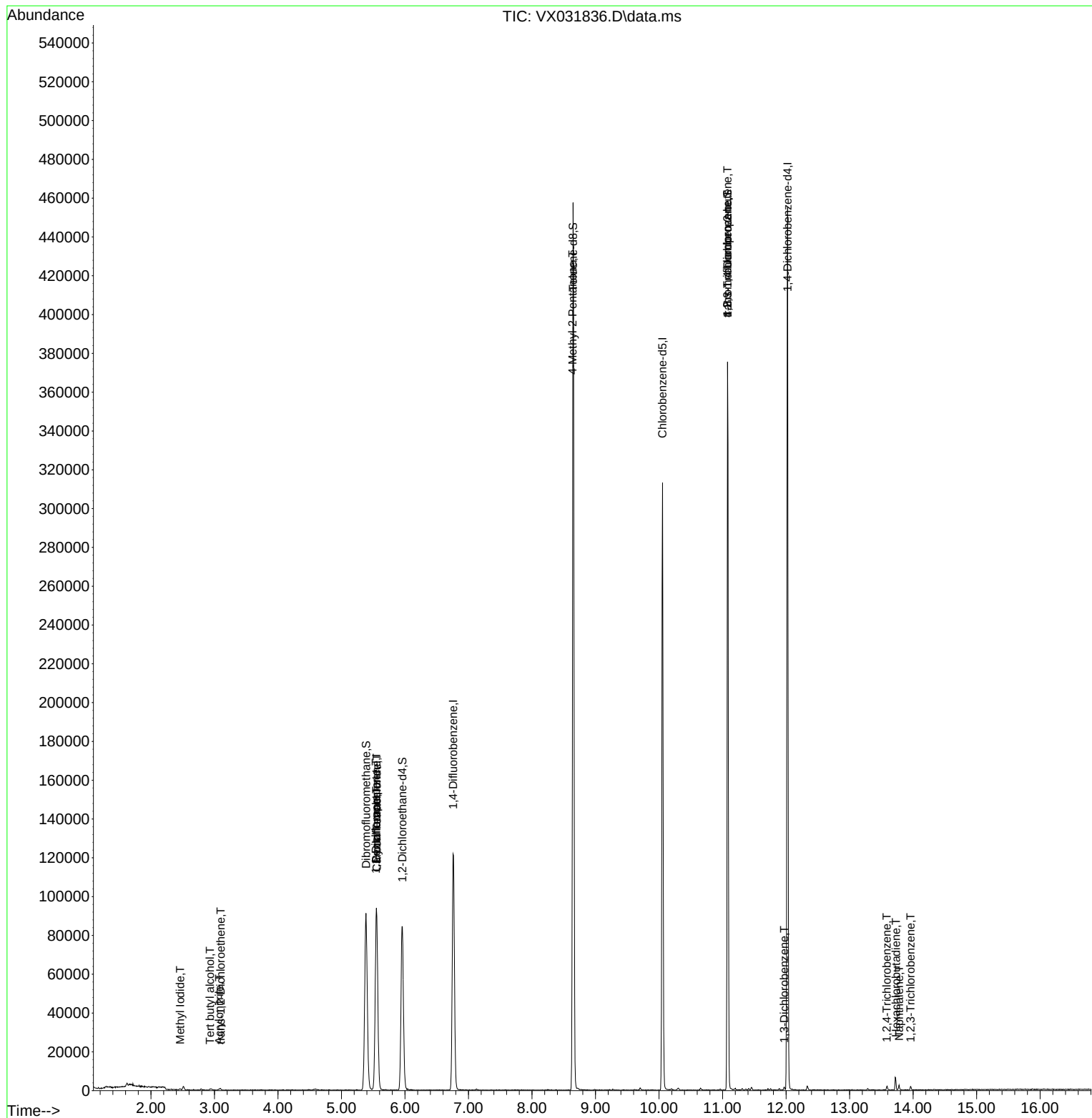
Internal Standards						
1) Pentafluorobenzene	5.550	168	93896	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	137977	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	149801	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97888	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81098	48.209	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.420%
35) Dibromofluoromethane	5.385	113	77920	47.532	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.060%
50) Toluene-d8	8.647	98	282544	48.180	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.360%
62) 4-Bromofluorobenzene	11.079	95	94861	44.919	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.840%
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	845	Below Cal	#	85
6) Chloroethane	1.691	64	116	Below Cal	#	43
10) Methyl Iodide	2.459	142	652	0.486	ug/l #	90
11) Tert butyl alcohol	2.928	59	205	0.875	ug/l #	73
15) Acrylonitrile	3.074	53	335	0.548	ug/l #	87
16) Acetone	2.404	43	90	Below Cal	#	45
17) Carbon Disulfide	2.507	76	2270	Below Cal	#	94
21) trans-1,2-Dichloroethene	3.099	96	331	0.215	ug/l #	80
31) Cyclohexane	5.550	56	1610	0.804	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	6512	3.204	ug/l #	51
38) Carbon Tetrachloride	5.556	117	9188	3.641	ug/l #	17
51) 4-Methyl-2-Pentanone	8.641	43	969	0.621	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	46499	26.109	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	46499	89.628	ug/l #	11
87) 1,3-Dichlorobenzene	11.969	146	703	0.204	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	698	0.331	ug/l	99
94) Hexachlorobutadiene	13.731	225	906	1.044	ug/l	97
95) Naphthalene	13.780	128	1999	0.304	ug/l	96
96) 1,2,3-Trichlorobenzene	13.963	180	614	0.300	ug/l	81

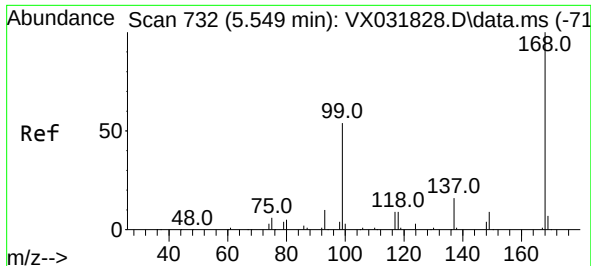
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100322\
Data File : VX031836.D
Acq On : 03 Oct 2022 16:11
Operator : JC/MD
Sample : VX1003MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

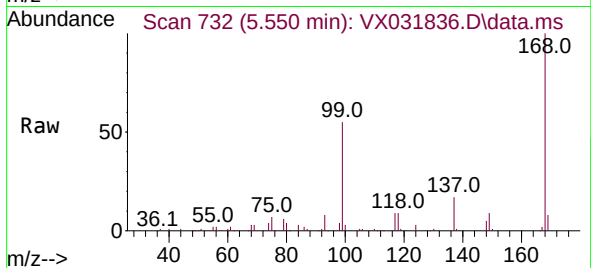
Quant Time: Oct 04 07:02:42 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100322W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 04 06:59:30 2022
Response via : Initial Calibration



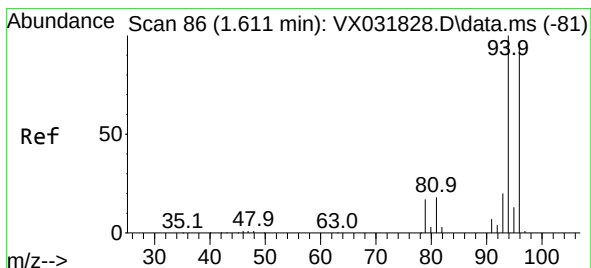
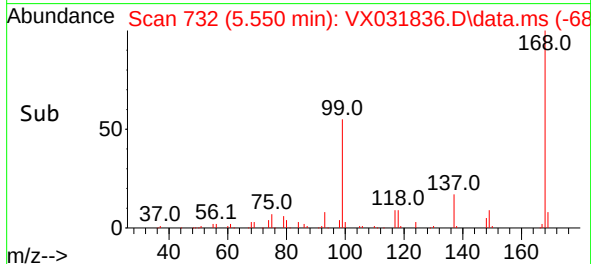
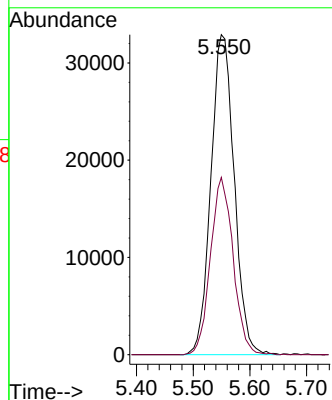


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031836.D
Acq: 03 Oct 2022 16:11

Instrument :
MSVOA_X
ClientSampleId :

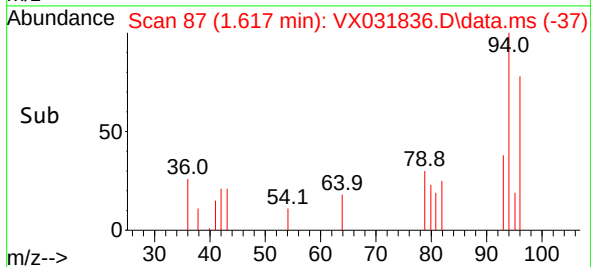
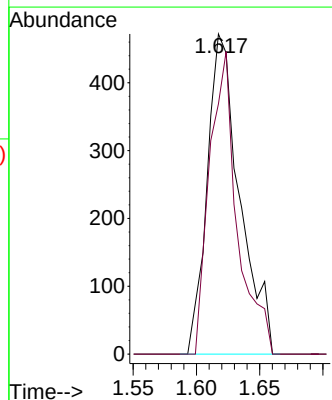
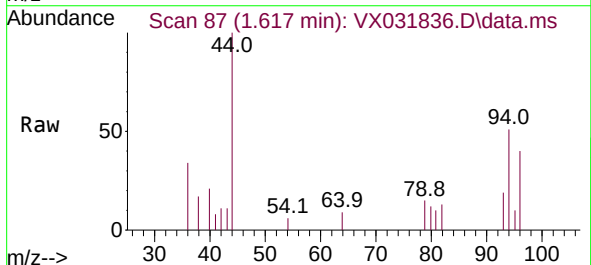


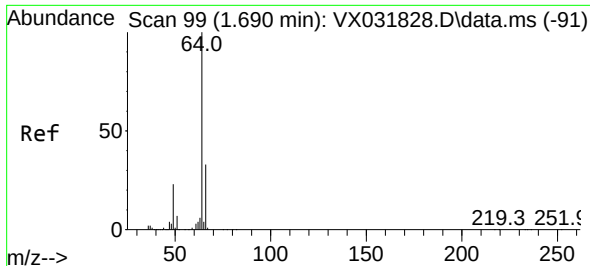
Tgt Ion:168 Resp: 93896
Ion Ratio Lower Upper
168 100
99 55.4 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX031836.D
Acq: 03 Oct 2022 16:11

Tgt Ion: 94 Resp: 845
Ion Ratio Lower Upper
94 100
96 78.2 74.4 111.6

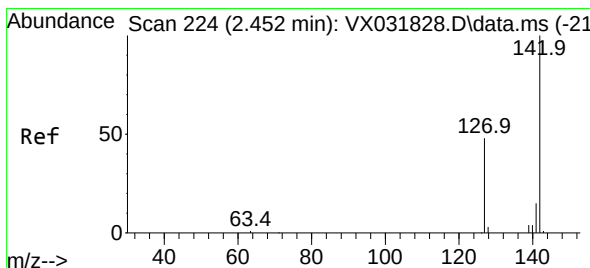
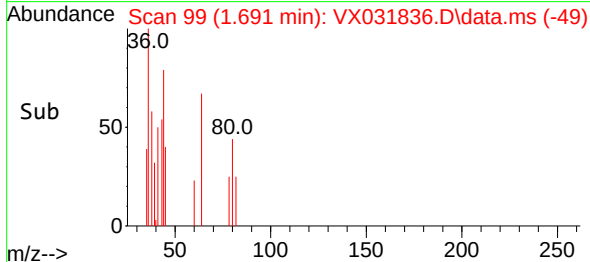
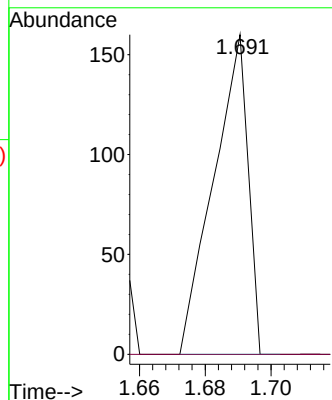
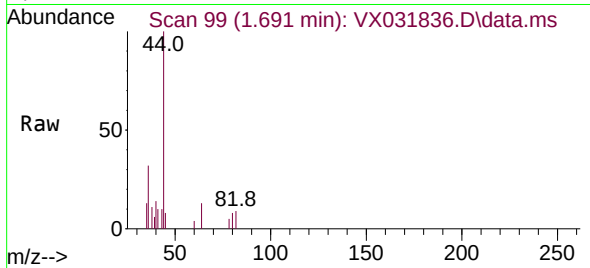




#6
Chloroethane
Concen: Below Cal
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX031836.D
Acq: 03 Oct 2022 16:11

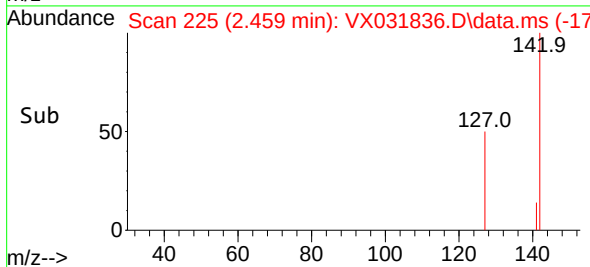
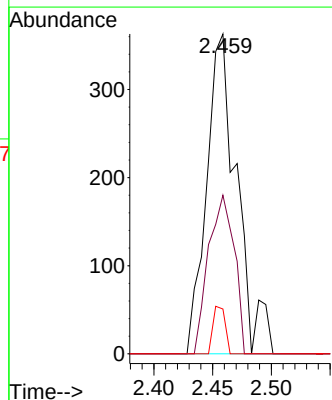
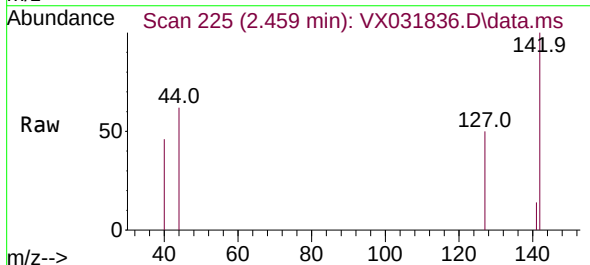
Instrument :
MSVOA_X
ClientSampleId :

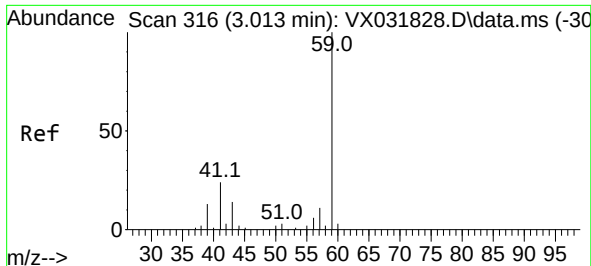
Tgt Ion: 64 Resp: 116
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#



#10
Methyl Iodide
Concen: 0.486 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX031836.D
Acq: 03 Oct 2022 16:11

Tgt Ion: 142 Resp: 652
Ion Ratio Lower Upper
142 100
127 42.2 37.4 56.0
141 5.8 11.6 17.4#





#11

Tert butyl alcohol

Concen: 0.875 ug/l

RT: 2.928 min Scan# 302

Delta R.T. -0.153 min

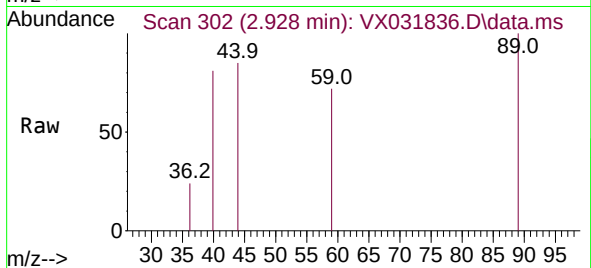
Lab File: VX031836.D

Acq: 03 Oct 2022 16:11

Instrument :

MSVOA_X

ClientSampleId :

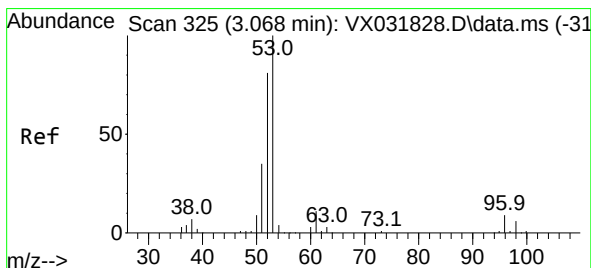
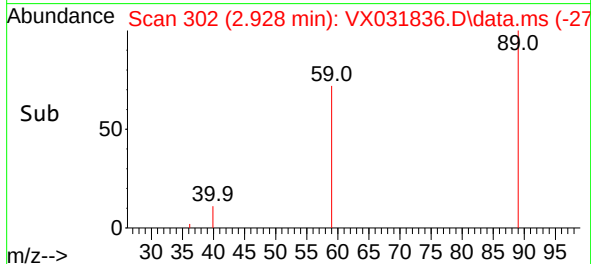
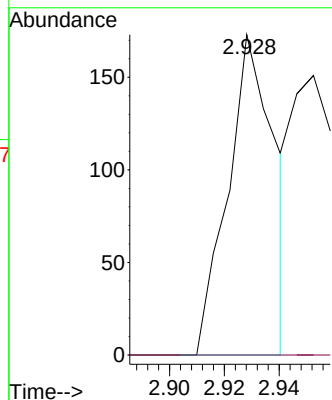


Tgt Ion: 59 Resp: 205

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#15

Acrylonitrile

Concen: 0.548 ug/l

RT: 3.074 min Scan# 326

Delta R.T. 0.006 min

Lab File: VX031836.D

Acq: 03 Oct 2022 16:11

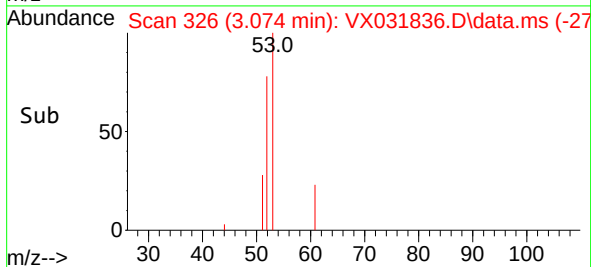
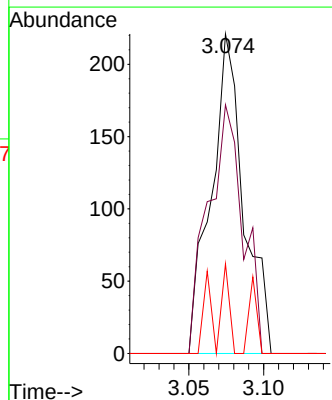
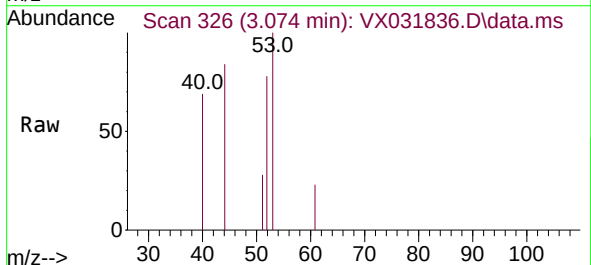
Tgt Ion: 53 Resp: 335

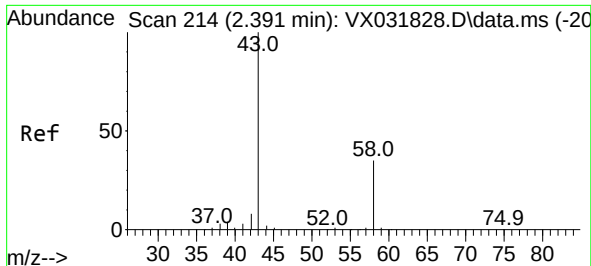
Ion Ratio Lower Upper

53 100

52 83.3 66.9 100.3

51 13.1 30.0 45.0#

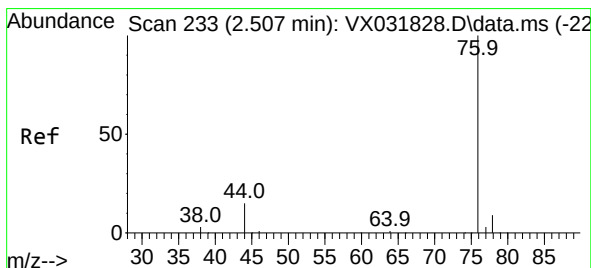
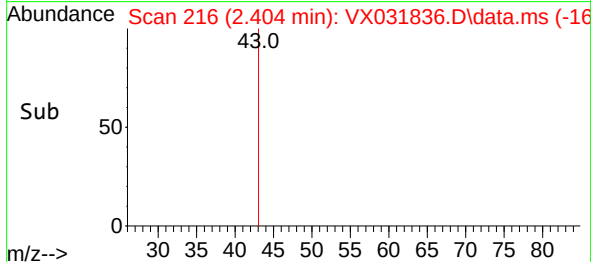
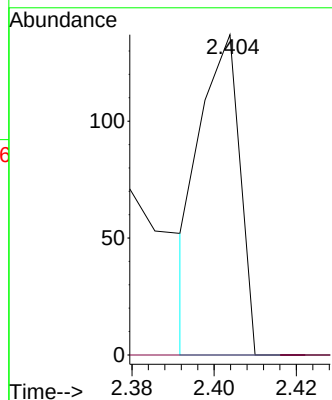
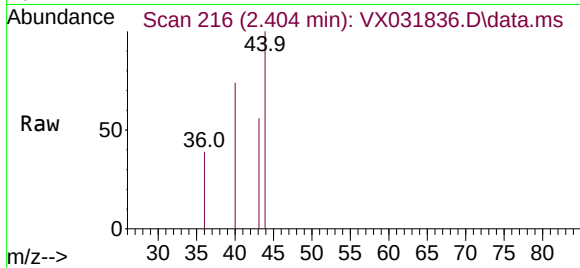




#16
Acetone
Concen: Below Cal
RT: 2.404 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX031836.D
Acq: 03 Oct 2022 16:11

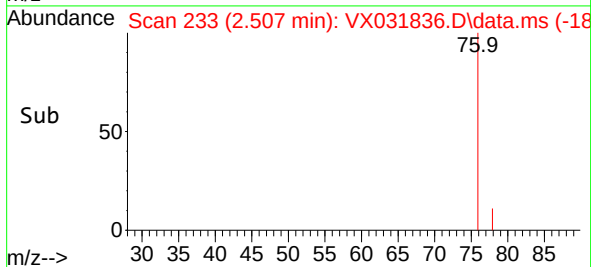
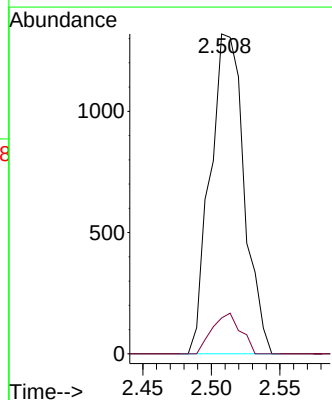
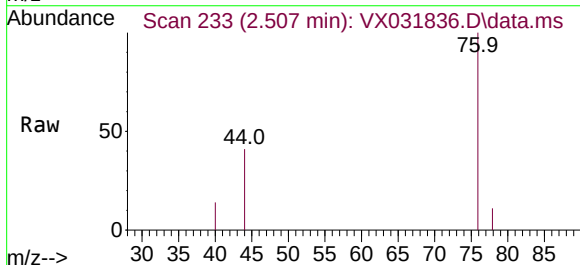
Instrument :
MSVOA_X
ClientSampleId :

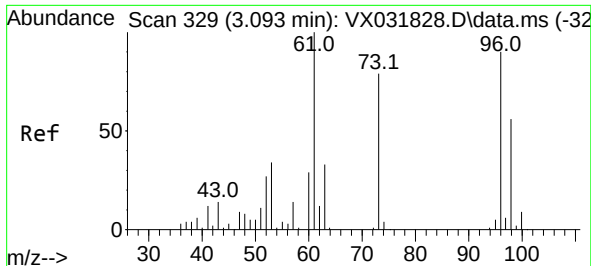
Tgt Ion: 43 Resp: 90
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#17
Carbon Disulfide
Concen: Below Cal
RT: 2.507 min Scan# 233
Delta R.T. -0.001 min
Lab File: VX031836.D
Acq: 03 Oct 2022 16:11

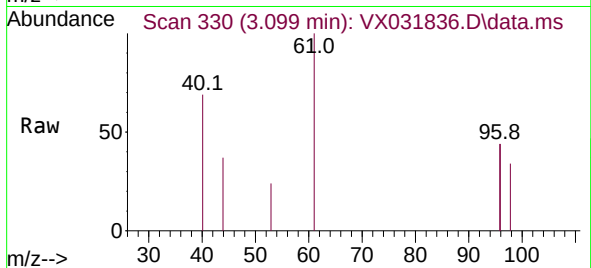
Tgt Ion: 76 Resp: 2270
Ion Ratio Lower Upper
76 100
78 11.2 7.2 10.8#





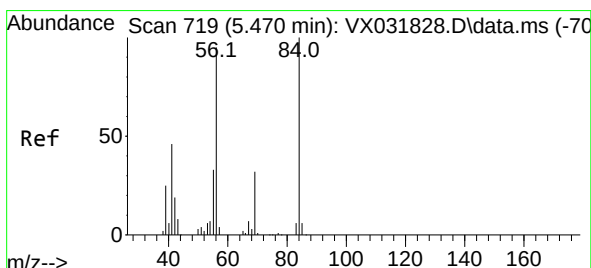
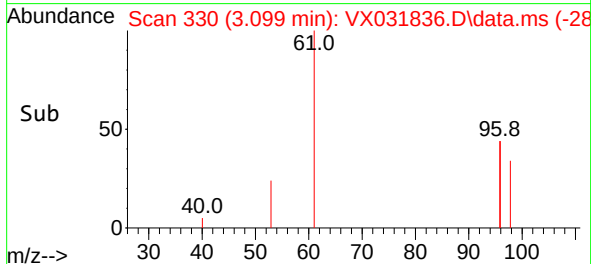
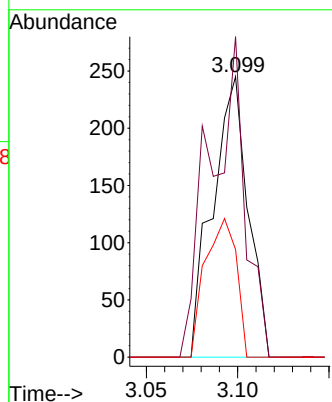
#21
trans-1,2-Dichloroethene
Concen: 0.215 ug/l
RT: 3.099 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX031836.D
Acq: 03 Oct 2022 16:11

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 96 Resp: 331

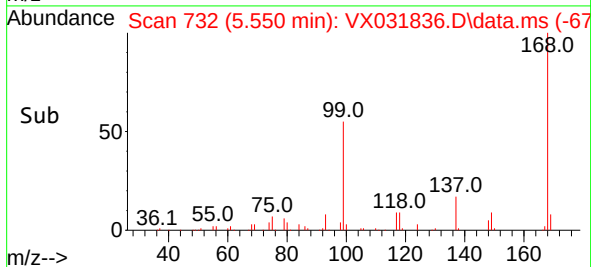
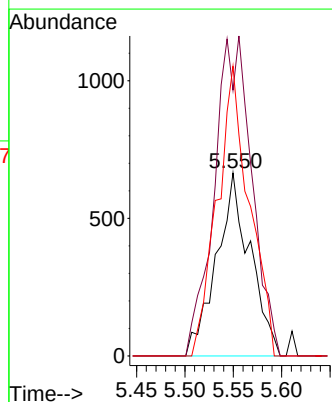
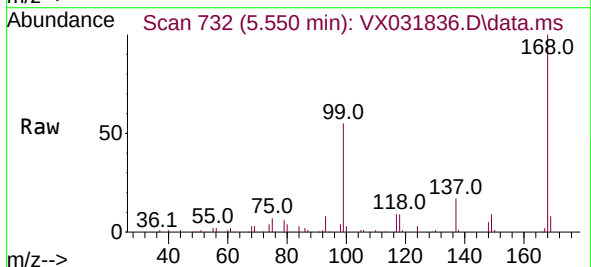
Ion	Ratio	Lower	Upper
96	100		
61	114.3	106.7	160.1
98	38.4	48.7	73.1#

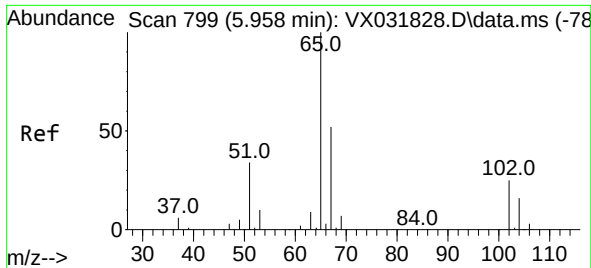


#31
Cyclohexane
Concen: 0.804 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.080 min
Lab File: VX031836.D
Acq: 03 Oct 2022 16:11

Tgt Ion: 56 Resp: 1610

Ion	Ratio	Lower	Upper
56	100		
69	145.3	25.1	37.7#
84	158.3	70.2	105.4#





#33

1,2-Dichloroethane-d4

Concen: 48.209 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.006 min

Lab File: VX031836.D

Acq: 03 Oct 2022 16:11

Instrument :

MSVOA_X

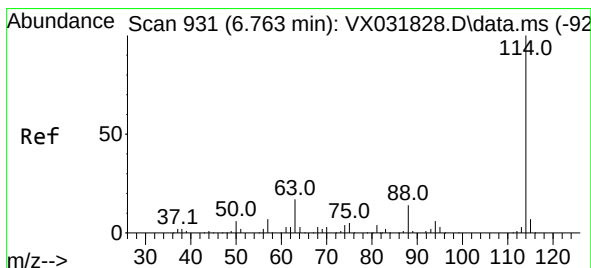
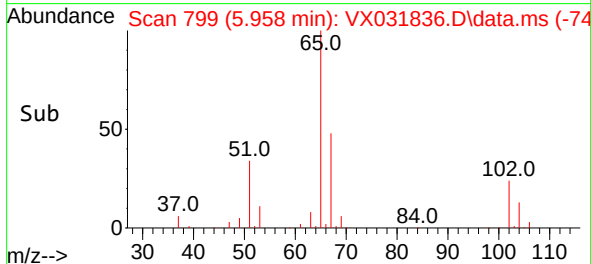
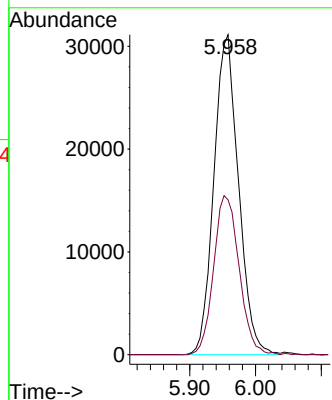
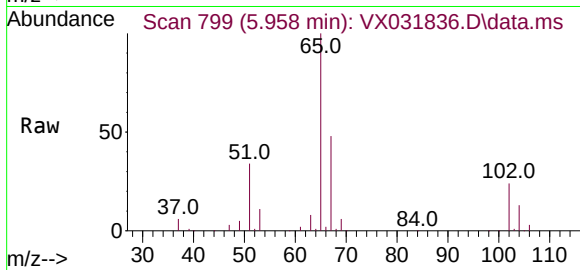
ClientSampleId :

Tgt Ion: 65 Resp: 81098

Ion Ratio Lower Upper

65 100

67 51.5 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX031836.D

Acq: 03 Oct 2022 16:11

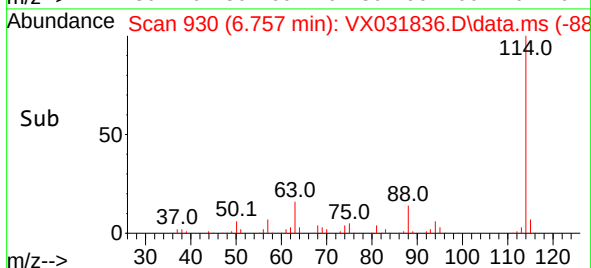
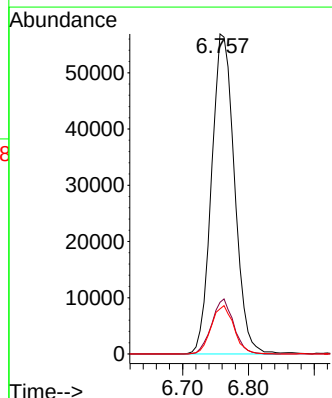
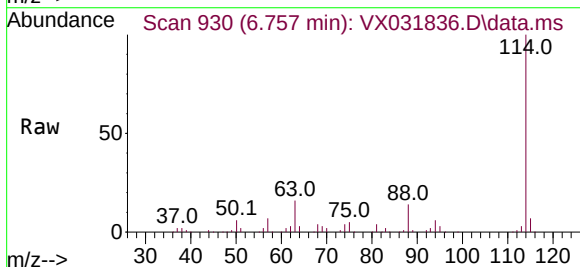
Tgt Ion: 114 Resp: 137977

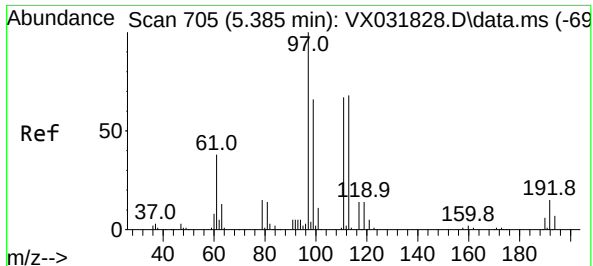
Ion Ratio Lower Upper

114 100

63 16.2 0.0 42.6

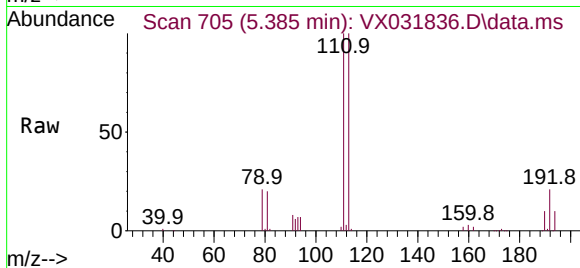
88 14.1 0.0 33.0



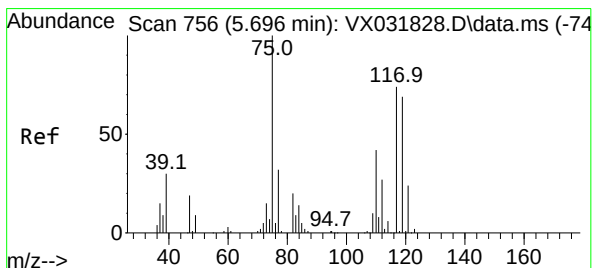
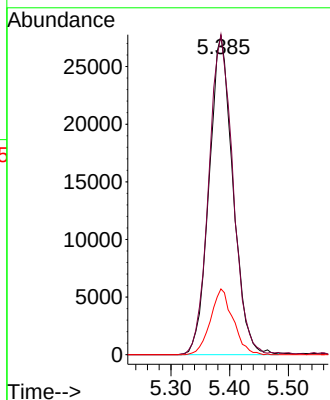
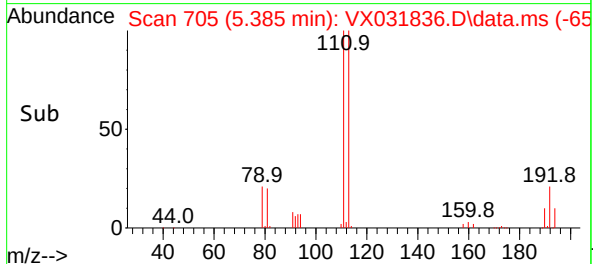


#35
Dibromofluoromethane
Concen: 47.532 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031836.D
Acq: 03 Oct 2022 16:11

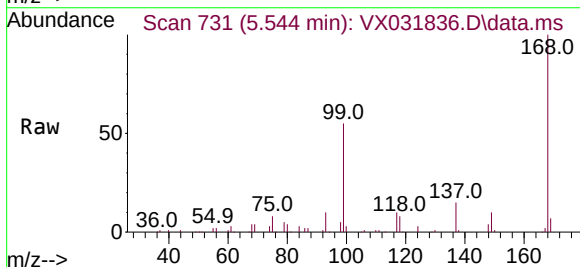
Instrument :
MSVOA_X
ClientSampleId :



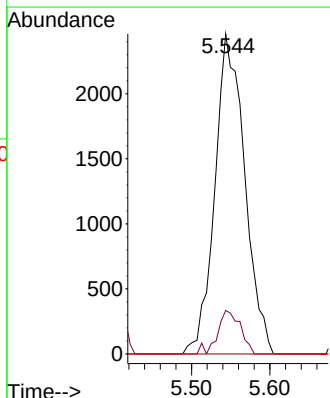
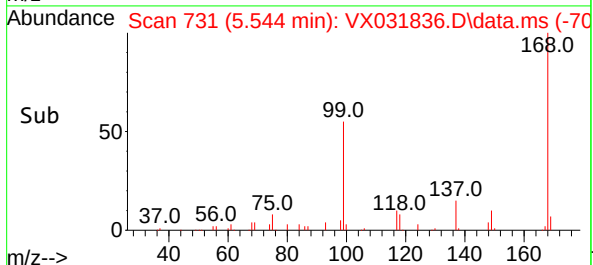
Tgt Ion:113 Resp: 77920
Ion Ratio Lower Upper
113 100
111 102.1 82.4 123.6
192 19.6 14.1 21.1

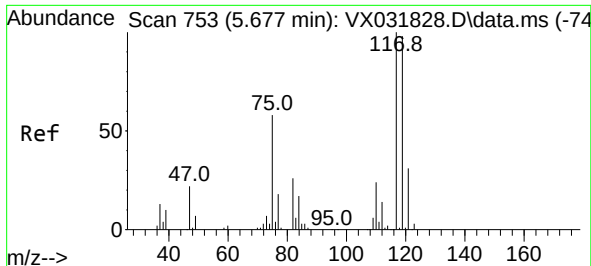


#36
1,1-Dichloropropene
Concen: 3.204 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.152 min
Lab File: VX031836.D
Acq: 03 Oct 2022 16:11



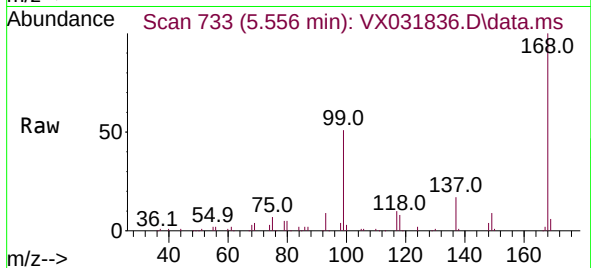
Tgt Ion: 75 Resp: 6512
Ion Ratio Lower Upper
75 100
110 10.4 17.5 52.5#
77 0.0 24.9 37.3#



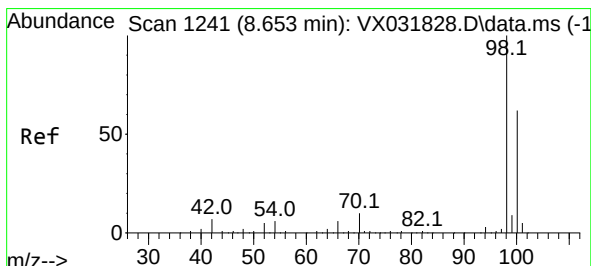
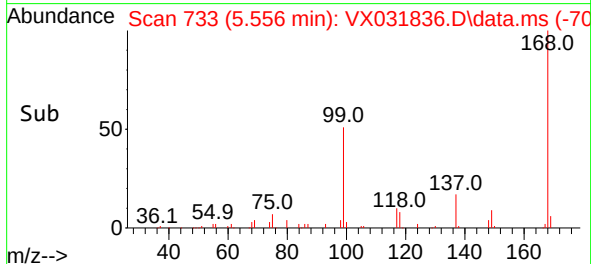
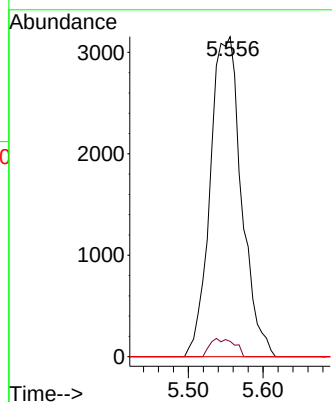


#38
Carbon Tetrachloride
Concen: 3.641 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX031836.D
Acq: 03 Oct 2022 16:11

Instrument :
MSVOA_X
ClientSampleId :

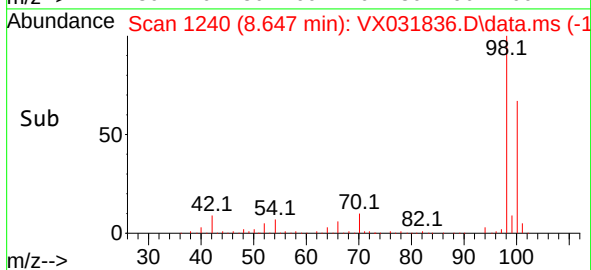
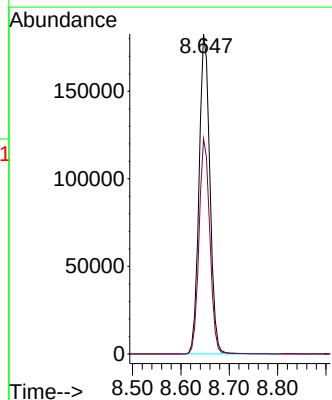
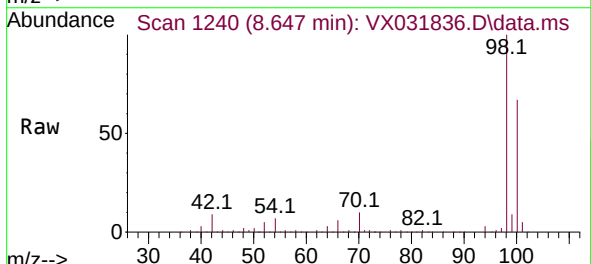


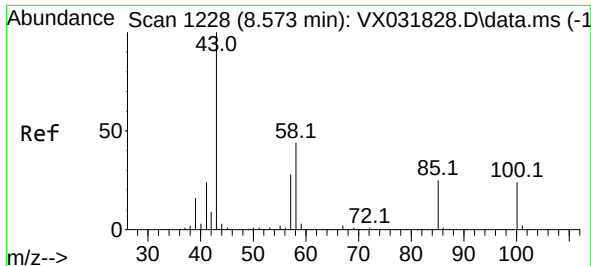
Tgt Ion:117 Resp: 9188
Ion Ratio Lower Upper
117 100
119 4.8 74.6 112.0#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 48.180 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX031836.D
Acq: 03 Oct 2022 16:11

Tgt Ion: 98 Resp: 282544
Ion Ratio Lower Upper
98 100
100 67.2 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.621 ug/l

RT: 8.641 min Scan# 1239

Delta R.T. 0.061 min

Lab File: VX031836.D

Acq: 03 Oct 2022 16:11

Instrument :

MSVOA_X

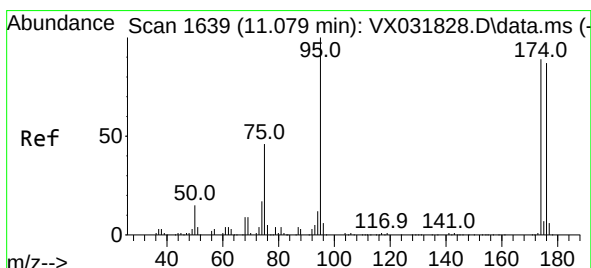
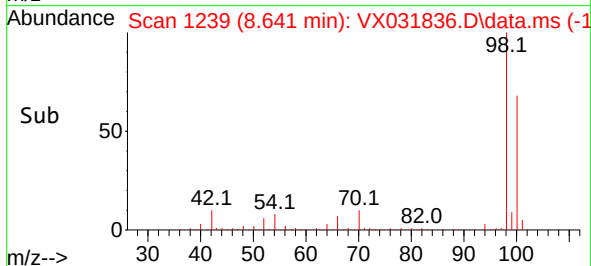
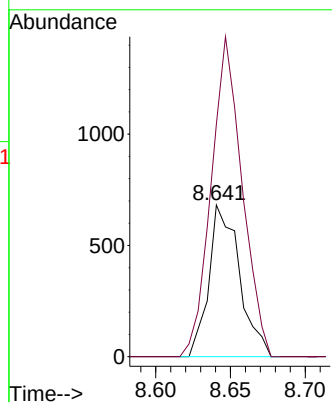
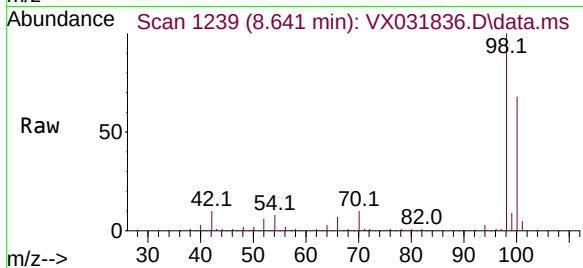
ClientSampleId :

Tgt Ion: 43 Resp: 969

Ion Ratio Lower Upper

43 100

58 213.8 30.6 46.0#



#62

4-Bromofluorobenzene

Concen: 44.919 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX031836.D

Acq: 03 Oct 2022 16:11

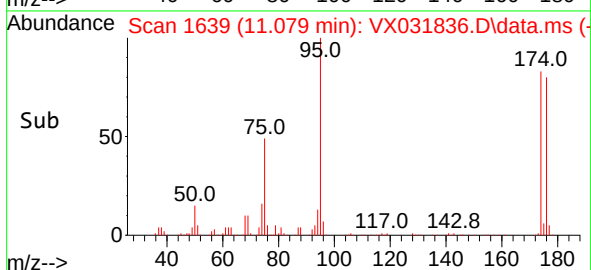
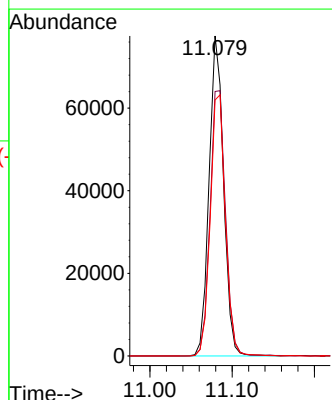
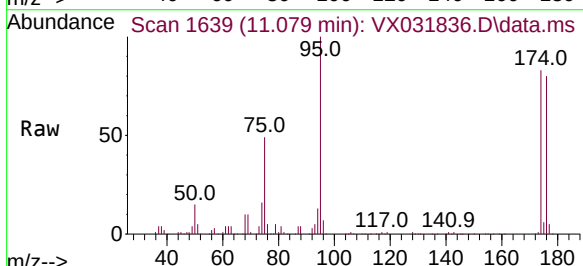
Tgt Ion: 95 Resp: 94861

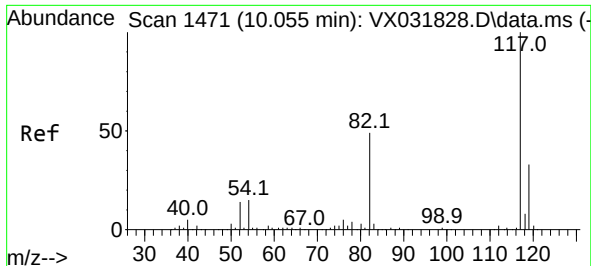
Ion Ratio Lower Upper

95 100

174 88.5 0.0 153.2

176 85.2 0.0 144.0

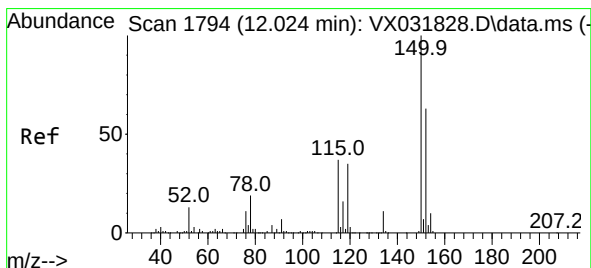
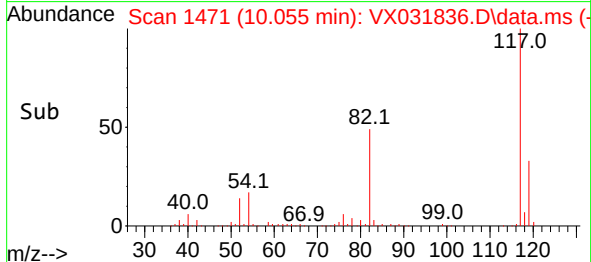
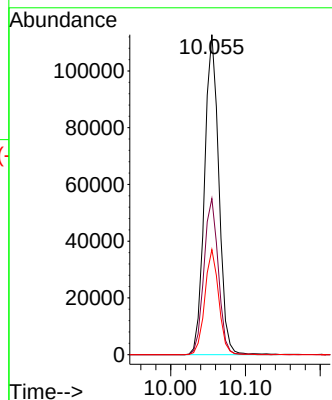
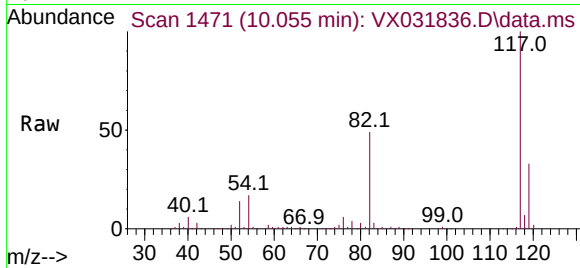




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031836.D
Acq: 03 Oct 2022 16:11

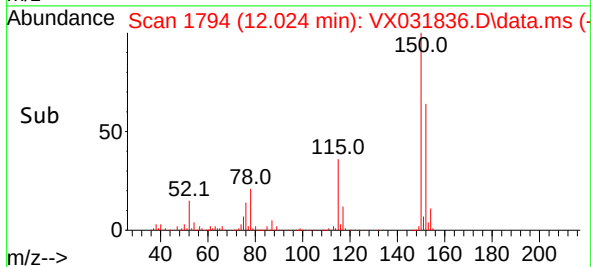
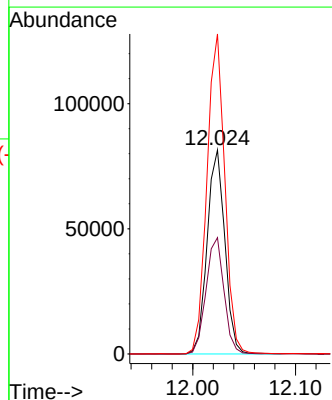
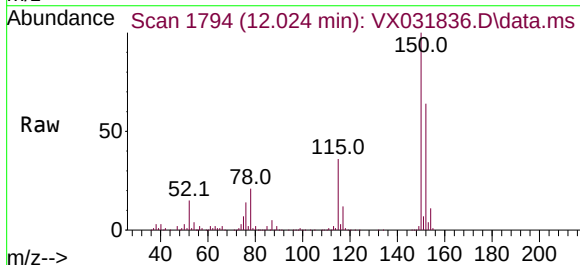
Instrument :
MSVOA_X
ClientSampleId :

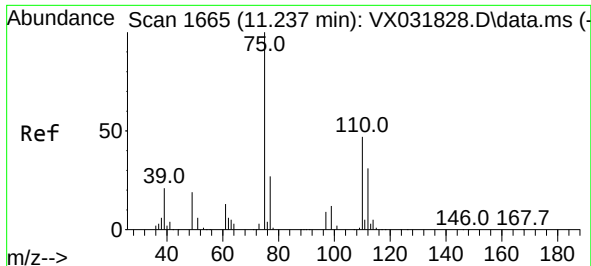
Tgt Ion:117 Resp: 149801
Ion Ratio Lower Upper
117 100
82 48.8 46.8 70.2
119 32.8 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031836.D
Acq: 03 Oct 2022 16:11

Tgt Ion:152 Resp: 97888
Ion Ratio Lower Upper
152 100
115 58.0 43.4 130.1
150 157.9 0.0 346.8

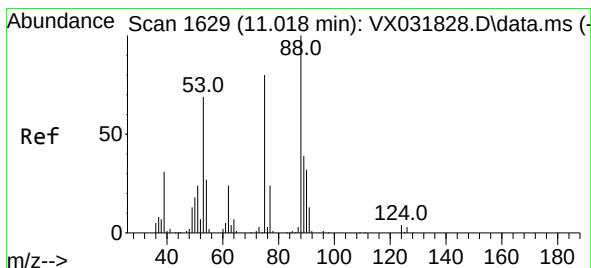
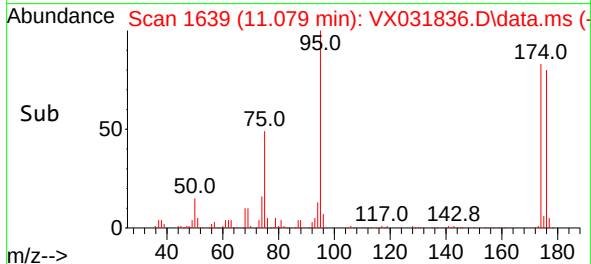
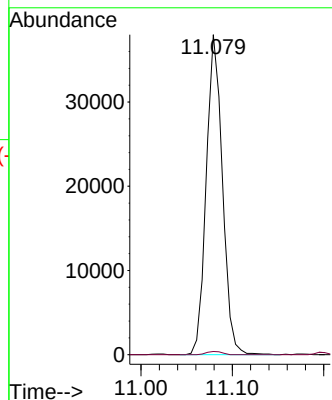
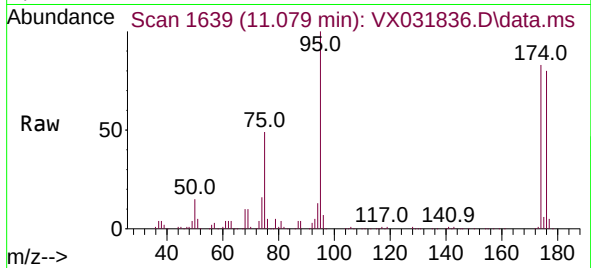




#76
1,2,3-Trichloropropane
Concen: 26.109 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX031836.D
Acq: 03 Oct 2022 16:11

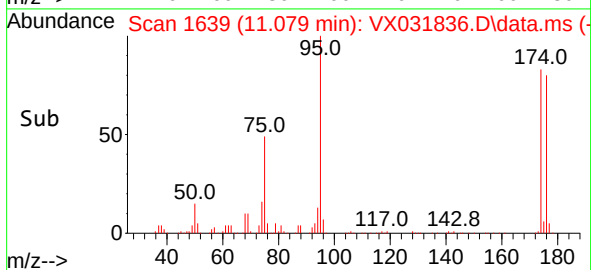
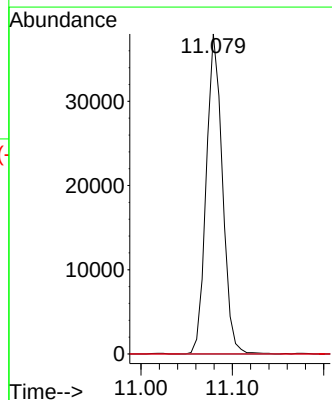
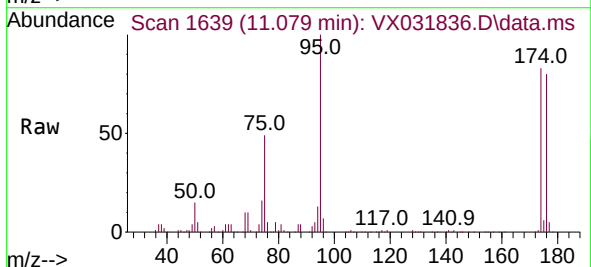
Instrument :
MSVOA_X
ClientSampleId :

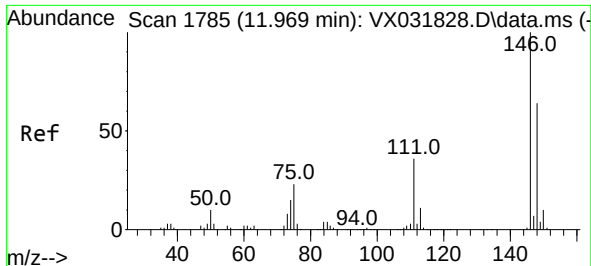
Tgt Ion: 75 Resp: 46499
Ion Ratio Lower Upper
75 100
77 1.0 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.628 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031836.D
Acq: 03 Oct 2022 16:11

Tgt Ion: 75 Resp: 46499
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#





#87

1,3-Dichlorobenzene

Concen: 0.204 ug/l

RT: 11.969 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX031836.D

Acq: 03 Oct 2022 16:11

Instrument :

MSVOA_X

ClientSampleId :

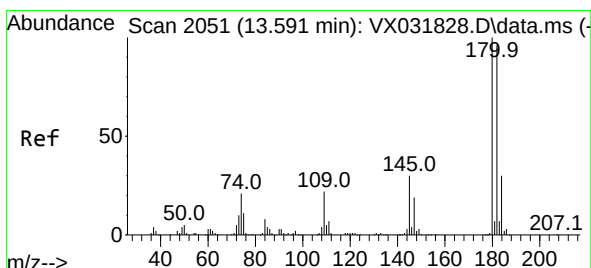
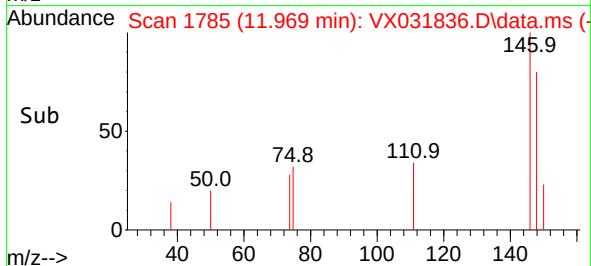
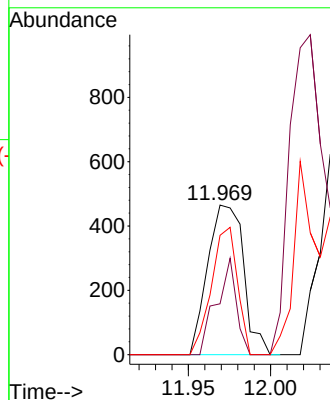
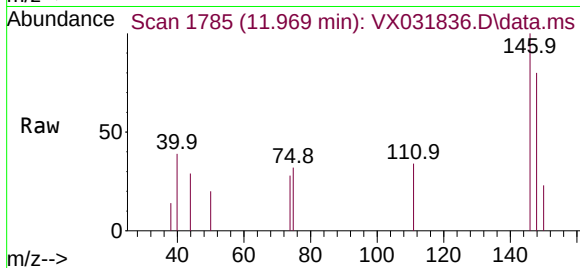
Tgt Ion:146 Resp: 703

Ion Ratio Lower Upper

146 100

111 35.8 19.8 59.4

148 61.9 31.5 94.5



#93

1,2,4-Trichlorobenzene

Concen: 0.331 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.006 min

Lab File: VX031836.D

Acq: 03 Oct 2022 16:11

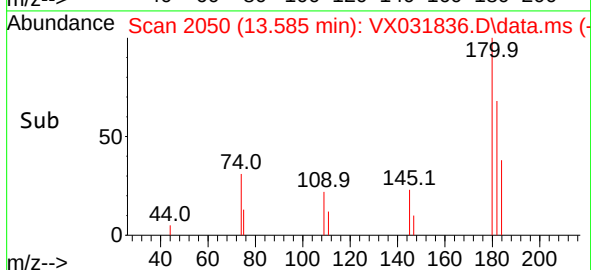
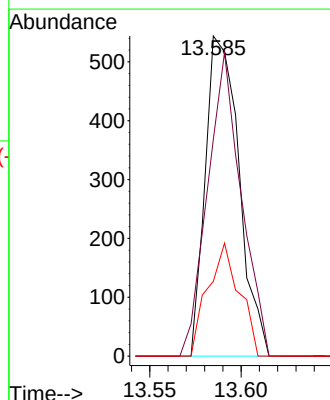
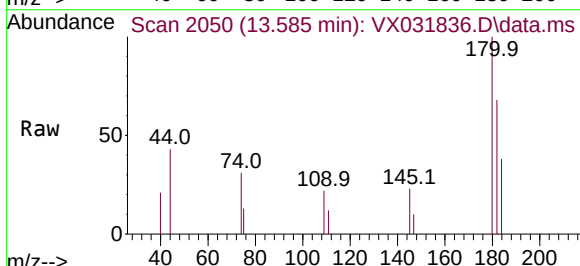
Tgt Ion:180 Resp: 698

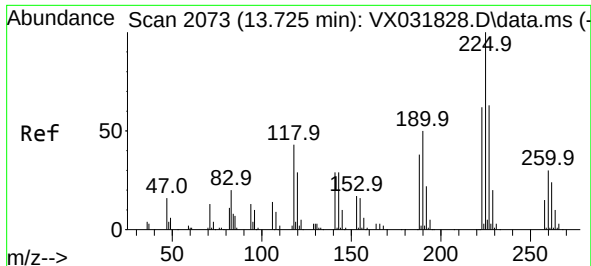
Ion Ratio Lower Upper

180 100

182 94.6 46.9 140.6

145 33.1 16.7 50.1

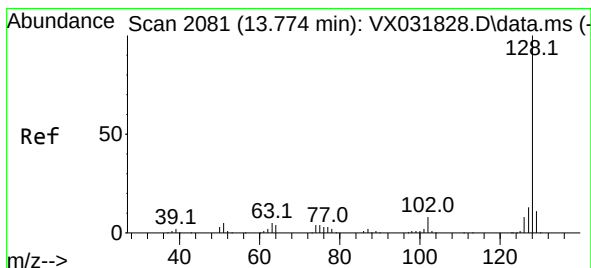
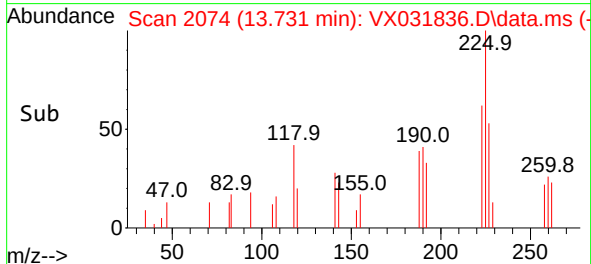
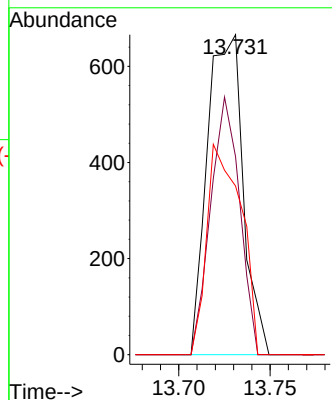
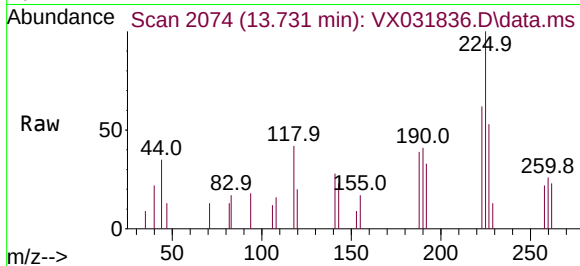




#94
Hexachlorobutadiene
Concen: 1.044 ug/l
RT: 13.731 min Scan# 2074
Delta R.T. 0.006 min
Lab File: VX031836.D
Acq: 03 Oct 2022 16:11

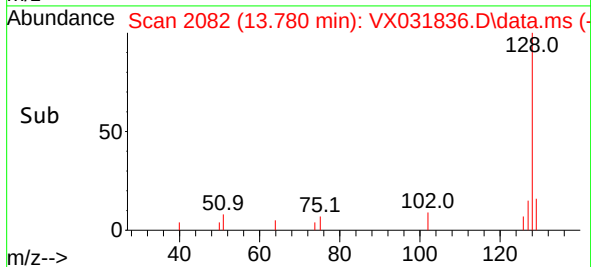
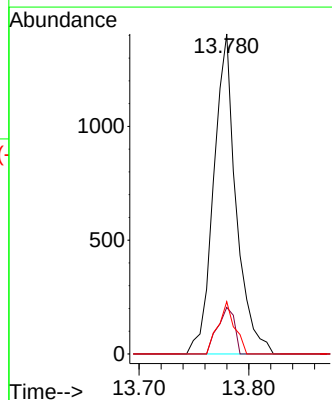
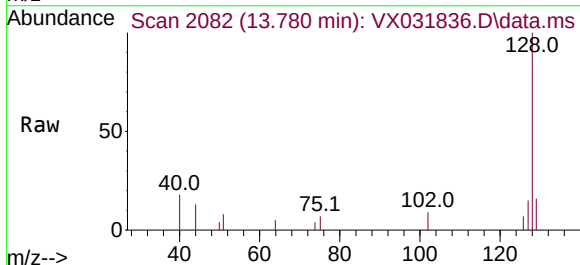
Instrument :
MSVOA_X
ClientSampleId :

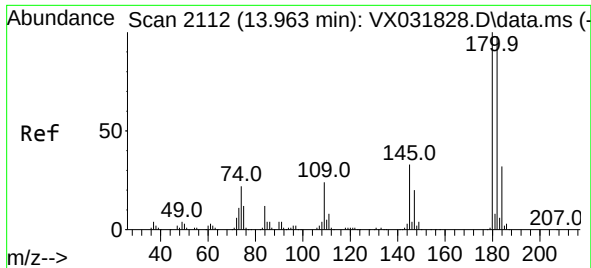
Tgt Ion:225 Resp: 906
Ion Ratio Lower Upper
225 100
223 65.2 30.8 92.4
227 63.1 32.3 96.9



#95
Naphthalene
Concen: 0.304 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX031836.D
Acq: 03 Oct 2022 16:11

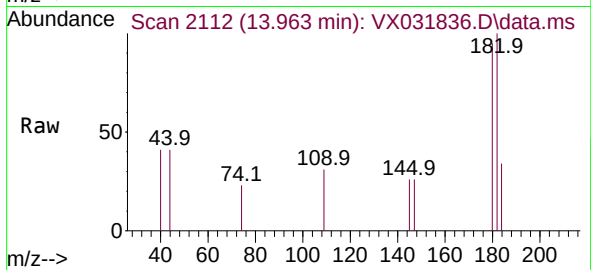
Tgt Ion:128 Resp: 1999
Ion Ratio Lower Upper
128 100
127 11.0 10.4 15.6
129 12.1 8.8 13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 0.300 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX031836.D
 Acq: 03 Oct 2022 16:11

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	180	Resp:	614
Ion	Ratio	Lower	Upper
180	100		
182	119.1	47.9	143.8
145	31.3	17.6	52.8

