

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091622\
 Data File : VX031429.D
 Acq On : 16 Sep 2022 23:02
 Operator : JC/MD
 Sample : VX0916WBL03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916WBL03

Quant Time: Sep 17 02:51:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091422W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 01:50:07 2022
 Response via : Initial Calibration

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

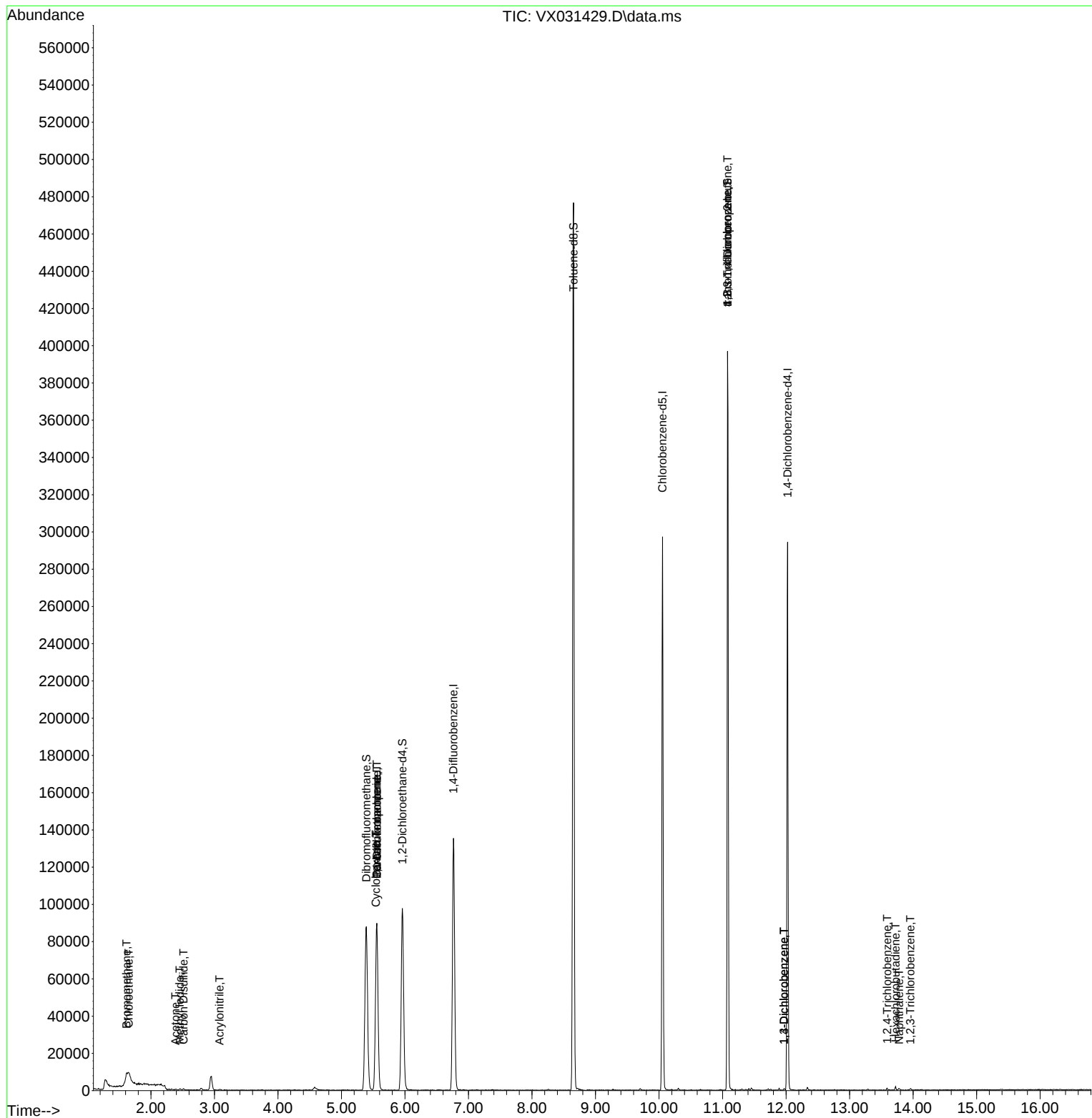
Internal Standards						
1) Pentafluorobenzene	5.556	168	84550	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	138919	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	124887	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	56558	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	87414	42.121	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	84.240%		
35) Dibromofluoromethane	5.391	113	73623	49.303	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.600%		
50) Toluene-d8	8.653	98	277291	49.503	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.000%		
62) 4-Bromofluorobenzene	11.079	95	90739	44.236	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.480%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	375	Below Cal	#	78
5) Bromomethane	1.617	94	796	0.719	ug/l	93
6) Chloroethane	1.648	64	1841	1.591	ug/l #	46
10) Methyl Iodide	2.453	142	649	1.375	ug/l #	77
11) Tert butyl alcohol	2.946	59	4472	Below Cal	#	73
15) Acrylonitrile	3.081	53	195	0.204	ug/l #	38
16) Acetone	2.386	43	382	0.431	ug/l	97
17) Carbon Disulfide	2.514	76	804	1.159	ug/l #	87
20) Methylene Chloride	2.794	84	495	Below Cal	#	61
21) trans-1,2-Dichloroethene	3.093	96	116	Below Cal	#	75
31) Cyclohexane	5.544	56	2198	0.986	ug/l #	39
36) 1,1-Dichloropropene	5.556	75	7007	3.428	ug/l #	46
38) Carbon Tetrachloride	5.556	117	8456	3.806	ug/l #	17
76) 1,2,3-Trichloropropane	11.079	75	51872	36.395	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	51872	100.705	ug/l #	11
87) 1,3-Dichlorobenzene	11.969	146	400	0.220	ug/l	89
88) 1,4-Dichlorobenzene	11.969	146	400	0.214	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	404	0.404	ug/l #	66
94) Hexachlorobutadiene	13.725	225	324	0.829	ug/l	92
95) Naphthalene	13.780	128	939	0.231	ug/l #	95
96) 1,2,3-Trichlorobenzene	13.957	180	257	0.240	ug/l #	52

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091622\
Data File : VX031429.D
Acq On : 16 Sep 2022 23:02
Operator : JC/MD
Sample : VX0916WBL03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBL03

Quant Time: Sep 17 02:51:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091422W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 15 01:50:07 2022
Response via : Initial Calibration

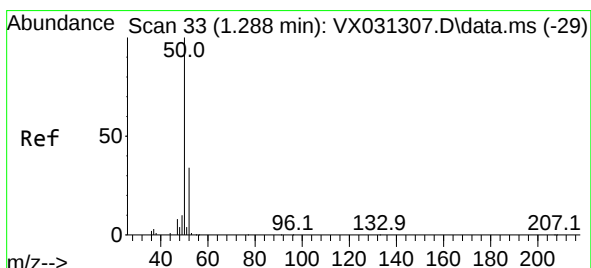
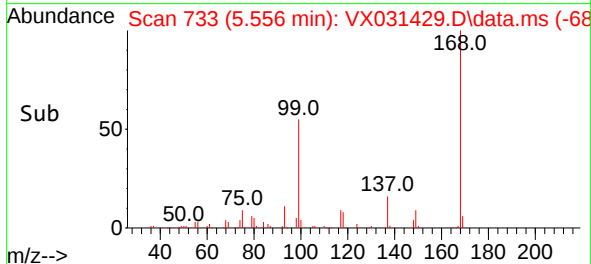
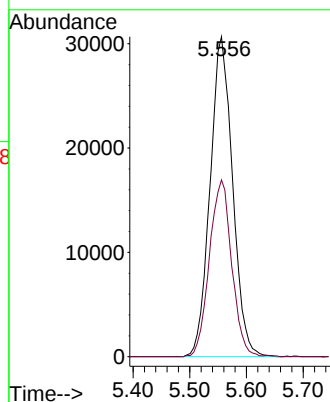
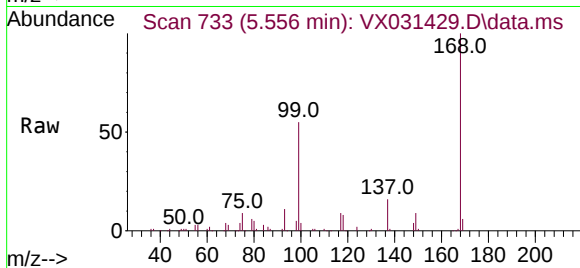




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031429.D
Acq: 16 Sep 2022 23:02

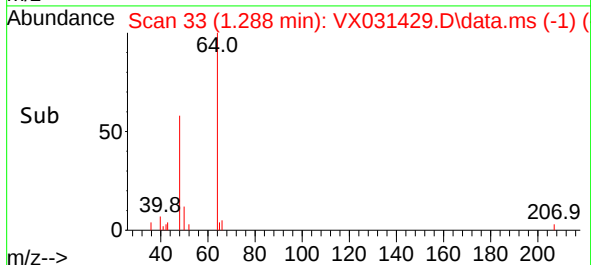
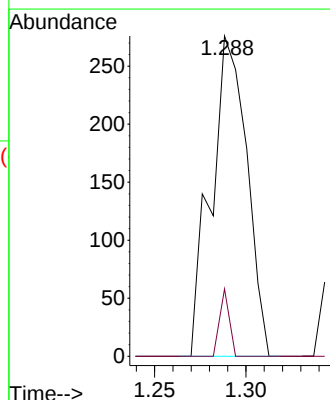
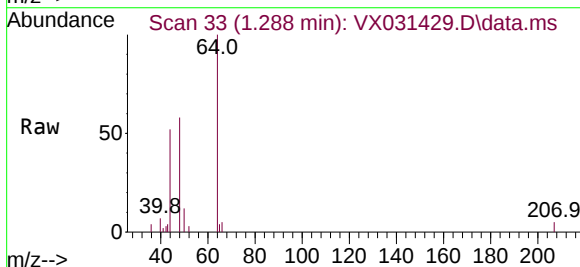
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBL03

Tgt Ion:168 Resp: 84550
Ion Ratio Lower Upper
168 100
99 55.2 48.8 73.2



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031429.D
Acq: 16 Sep 2022 23:02

Tgt Ion: 50 Resp: 375
Ion Ratio Lower Upper
50 100
52 21.0 26.9 40.3#

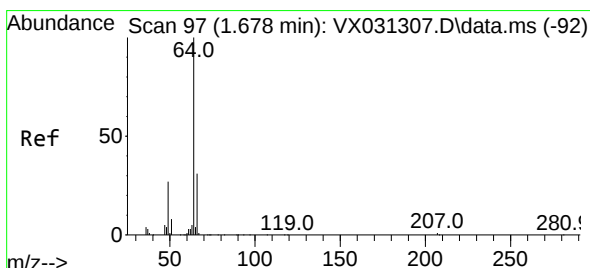
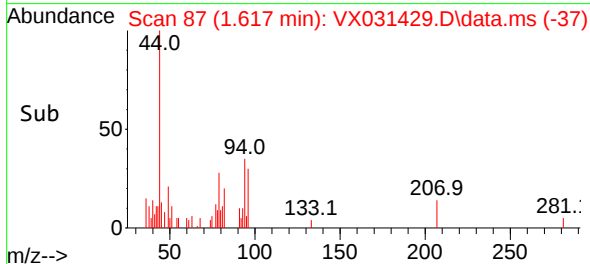
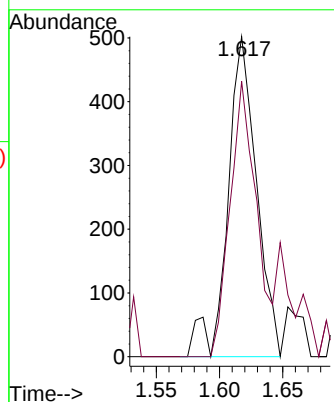
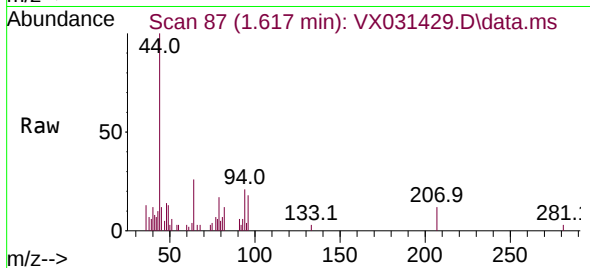




#5
Bromomethane
Concen: 0.719 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX031429.D
Acq: 16 Sep 2022 23:02

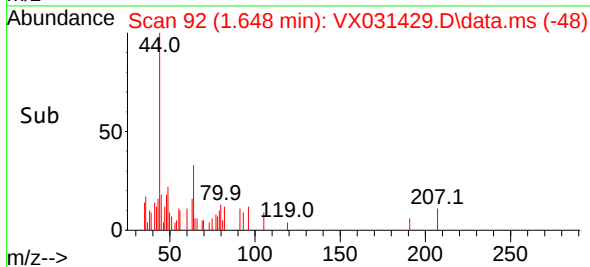
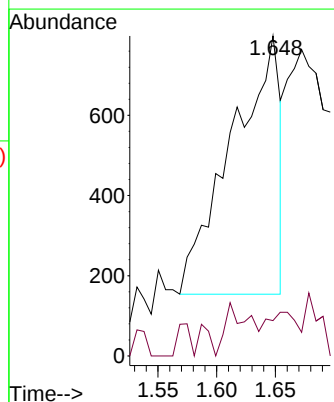
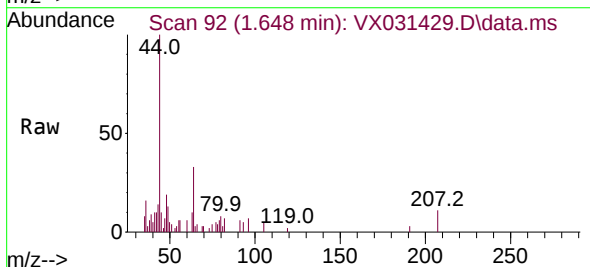
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBL03

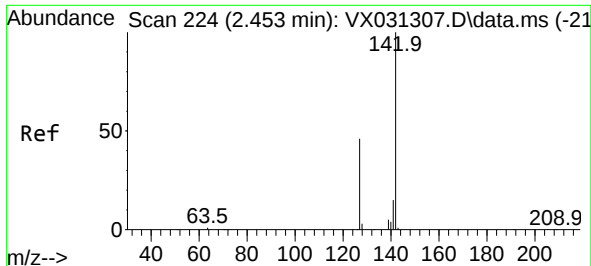
Tgt Ion: 94 Resp: 796
Ion Ratio Lower Upper
94 100
96 86.1 74.4 111.6



#6
Chloroethane
Concen: 1.591 ug/l
RT: 1.648 min Scan# 92
Delta R.T. -0.030 min
Lab File: VX031429.D
Acq: 16 Sep 2022 23:02

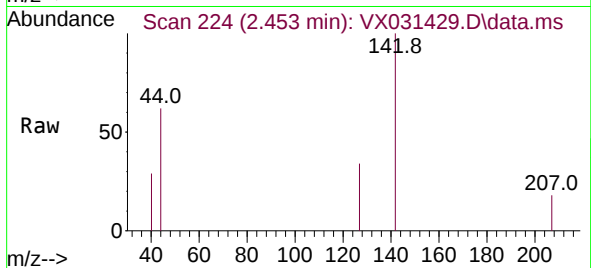
Tgt Ion: 64 Resp: 1841
Ion Ratio Lower Upper
64 100
66 1.4 25.0 37.4#



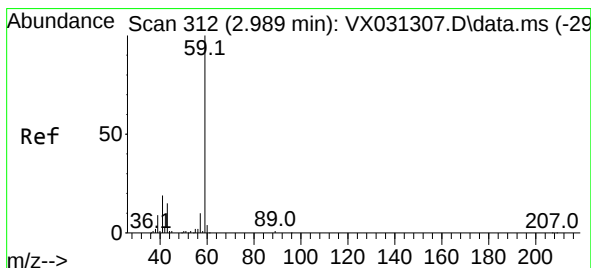
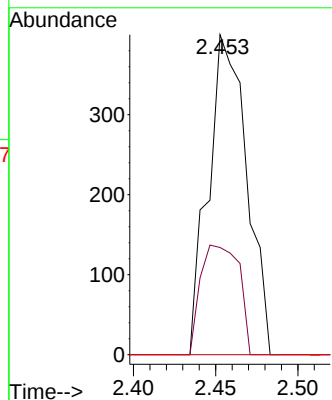
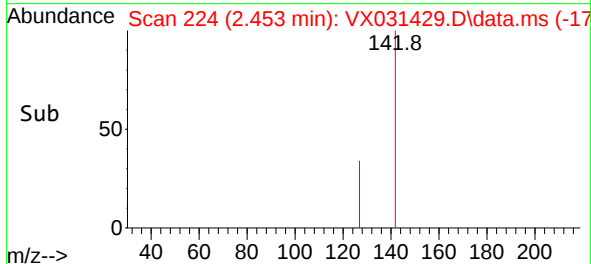


#10
Methyl Iodide
Concen: 1.375 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX031429.D
Acq: 16 Sep 2022 23:02

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBL03

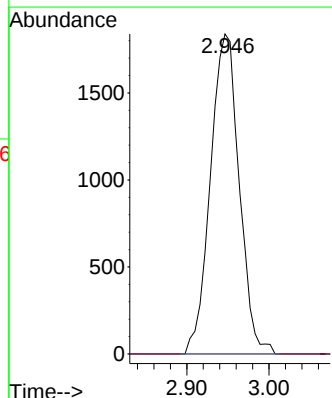
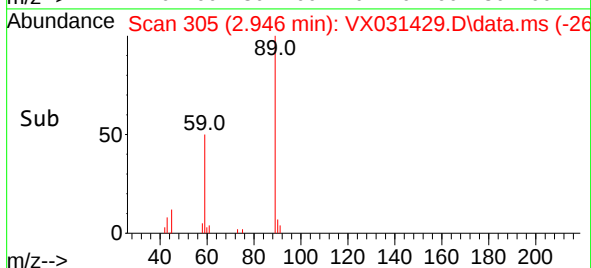
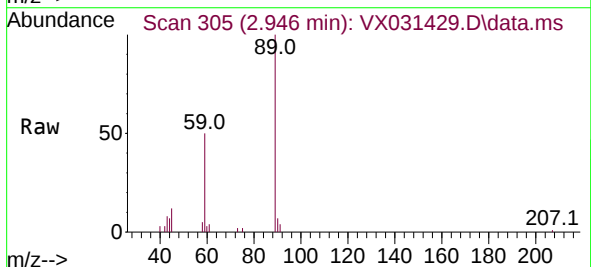


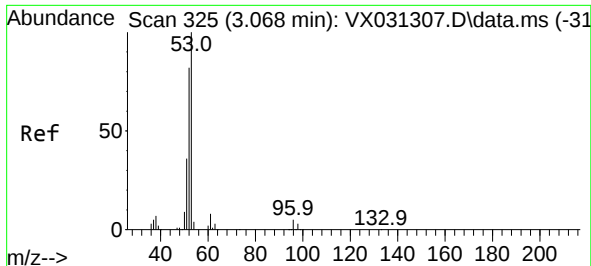
Tgt Ion:142 Resp: 649
Ion Ratio Lower Upper
142 100
127 34.2 37.4 56.0#
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.946 min Scan# 305
Delta R.T. -0.043 min
Lab File: VX031429.D
Acq: 16 Sep 2022 23:02

Tgt Ion: 59 Resp: 4472
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

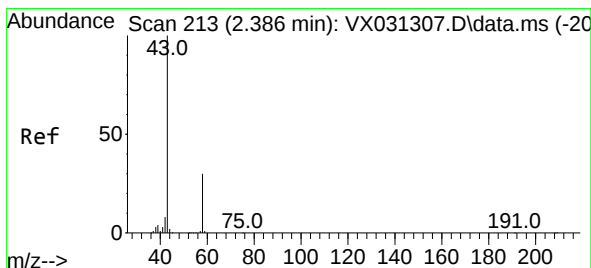
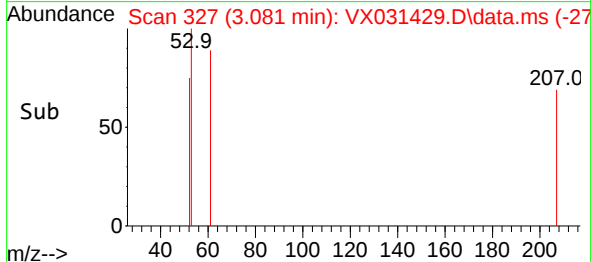
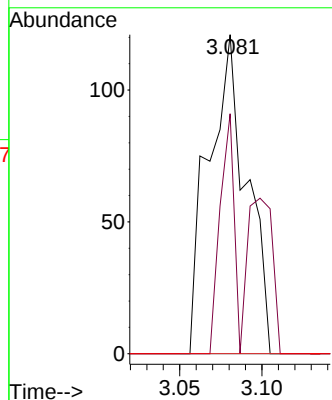
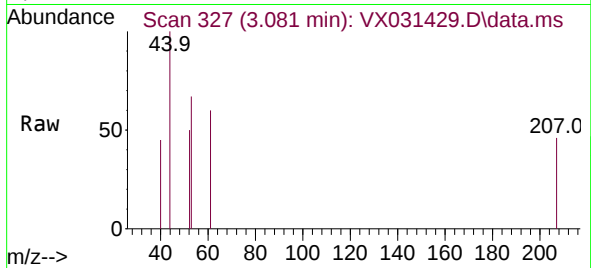




#15
Acrylonitrile
Concen: 0.204 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX031429.D
Acq: 16 Sep 2022 23:02

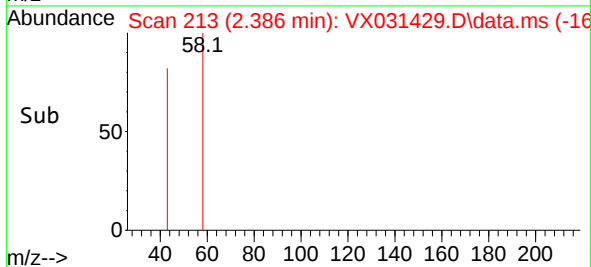
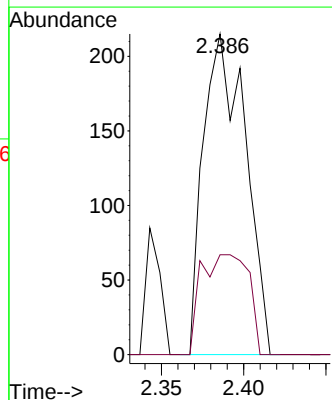
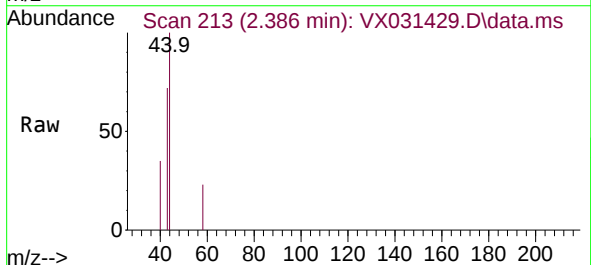
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBL03

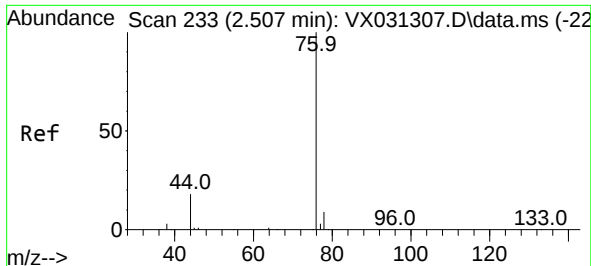
Tgt Ion: 53 Resp: 195
Ion Ratio Lower Upper
53 100
52 27.7 66.9 100.3#
51 0.0 30.0 45.0#



#16
Acetone
Concen: 0.431 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX031429.D
Acq: 16 Sep 2022 23:02

Tgt Ion: 43 Resp: 382
Ion Ratio Lower Upper
43 100
58 31.2 23.8 35.8





#17

Carbon Disulfide

Concen: 1.159 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.007 min

Lab File: VX031429.D

Acq: 16 Sep 2022 23:02

Instrument :

MSVOA_X

ClientSampleId :

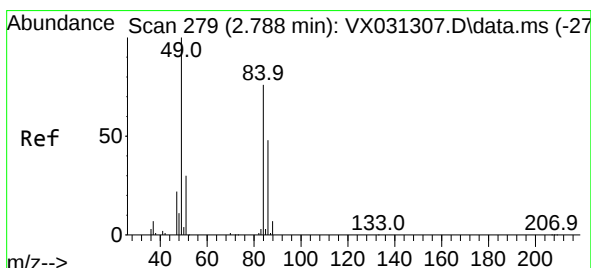
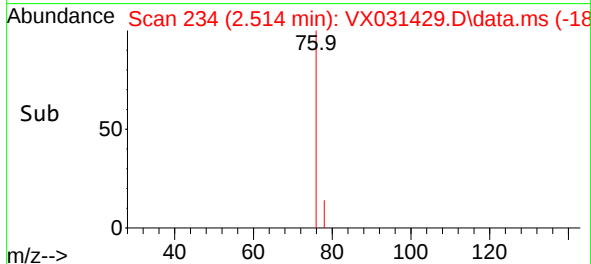
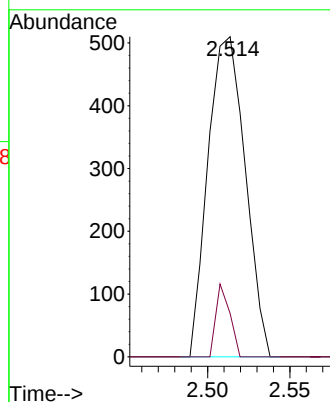
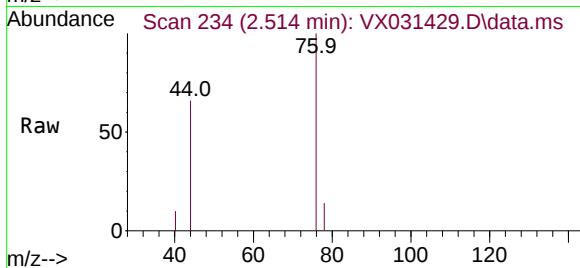
VX0916WBL03

Tgt Ion: 76 Resp: 804

Ion Ratio Lower Upper

76 100

78 13.5 7.2 10.8#



#20

Methylene Chloride

Concen: Below Cal

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX031429.D

Acq: 16 Sep 2022 23:02

Tgt Ion: 84 Resp: 495

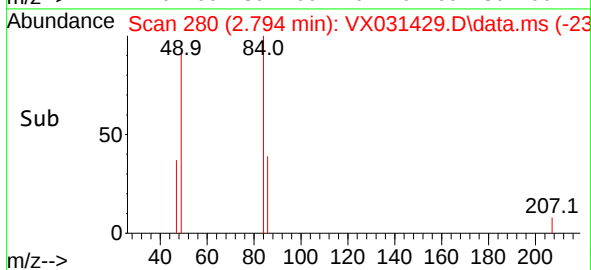
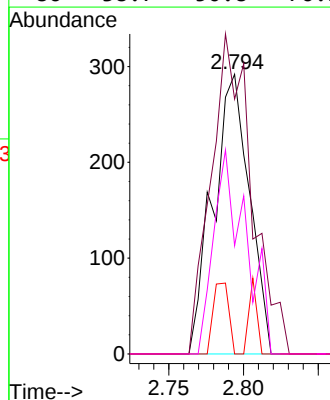
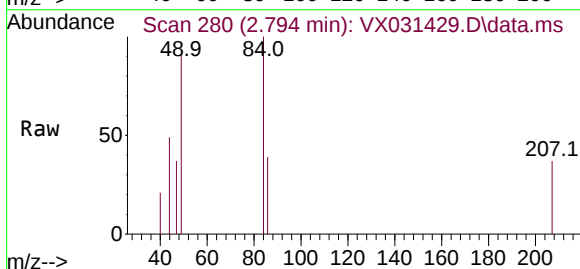
Ion Ratio Lower Upper

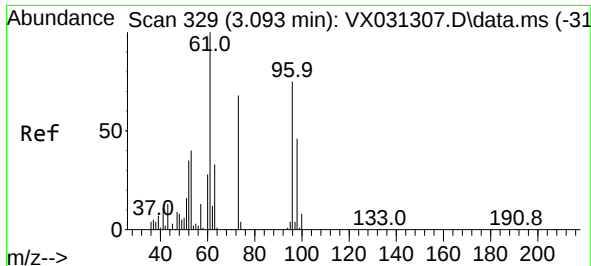
84 100

49 91.1 105.9 158.9#

51 0.0 32.2 48.2#

86 38.7 50.8 76.2#

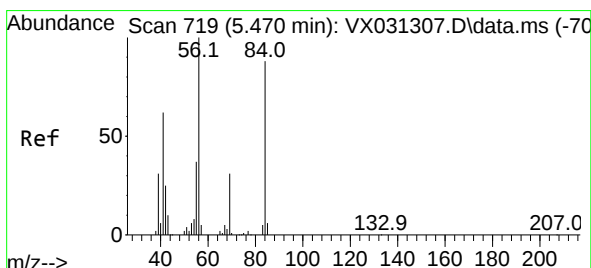
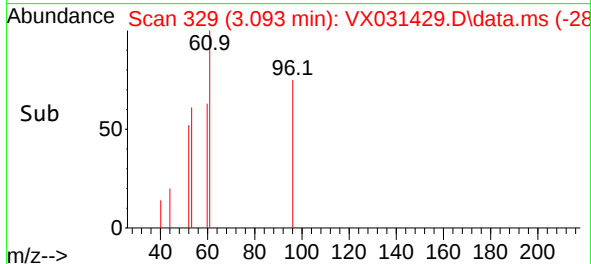
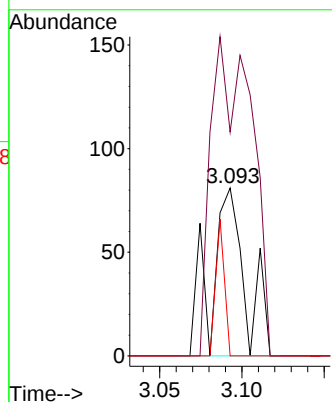
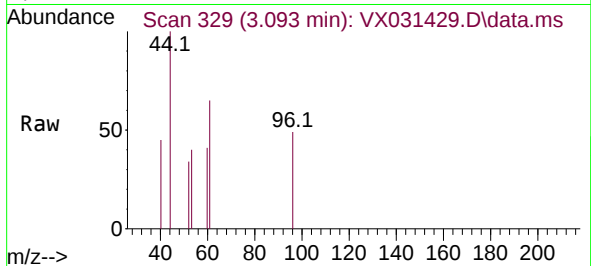




#21
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX031429.D
Acq: 16 Sep 2022 23:02

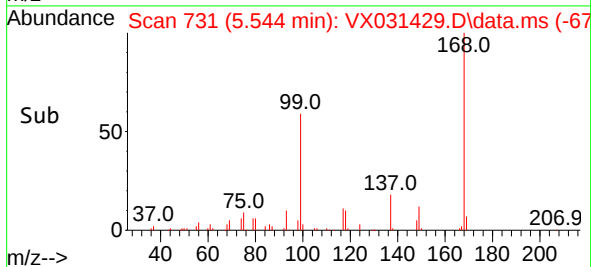
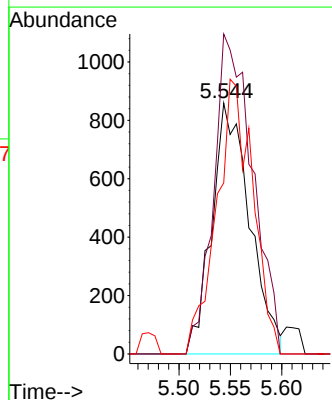
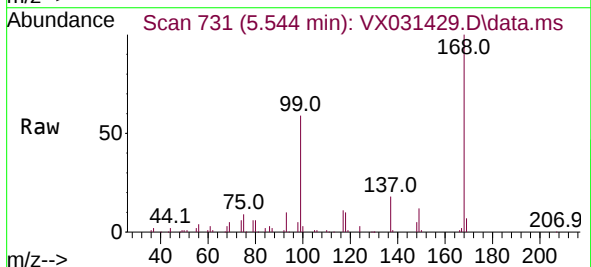
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBL03

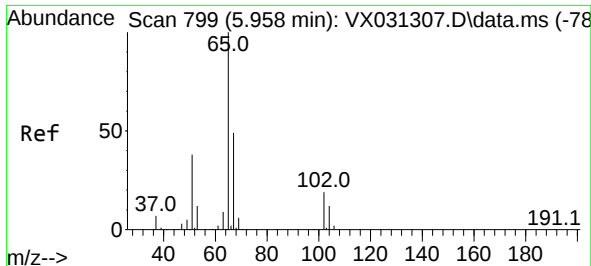
Tgt Ion: 96 Resp: 116
Ion Ratio Lower Upper
96 100
61 133.3 106.7 160.1
98 0.0 48.7 73.1#



#31
Cyclohexane
Concen: 0.986 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX031429.D
Acq: 16 Sep 2022 23:02

Tgt Ion: 56 Resp: 2198
Ion Ratio Lower Upper
56 100
69 127.6 25.1 37.7#
84 68.2 70.2 105.4#





#33

1,2-Dichloroethane-d4

Concen: 42.121 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031429.D

Acq: 16 Sep 2022 23:02

Instrument :

MSVOA_X

ClientSampleId :

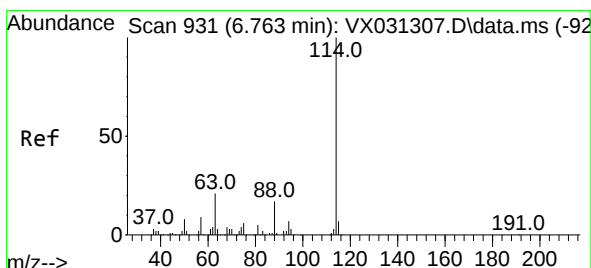
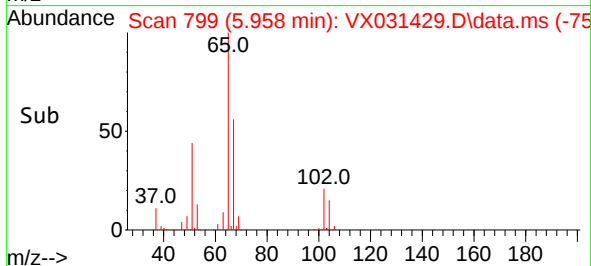
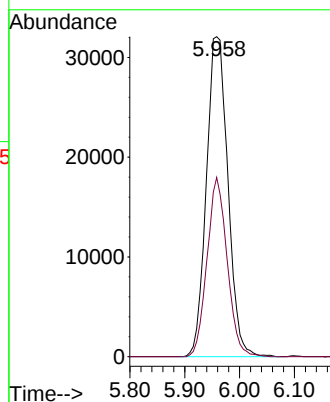
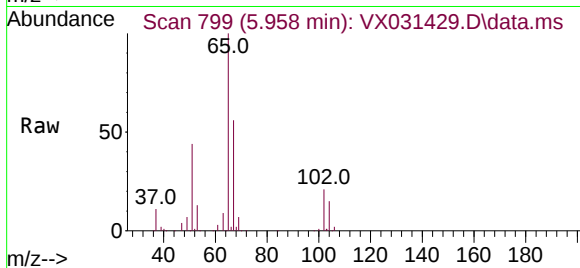
VX0916WBL03

Tgt Ion: 65 Resp: 87414

Ion Ratio Lower Upper

65 100

67 52.4 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX031429.D

Acq: 16 Sep 2022 23:02

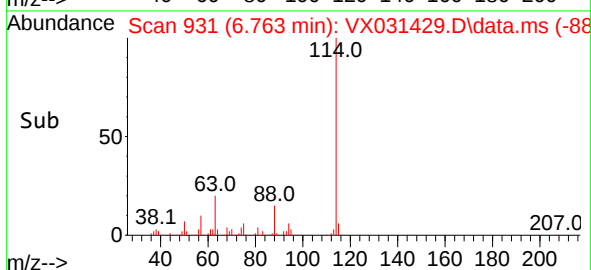
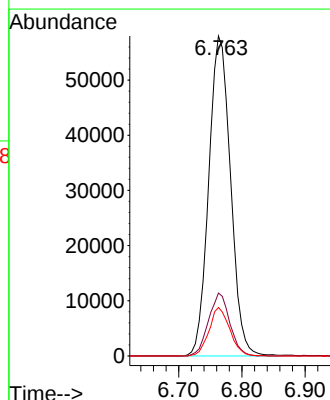
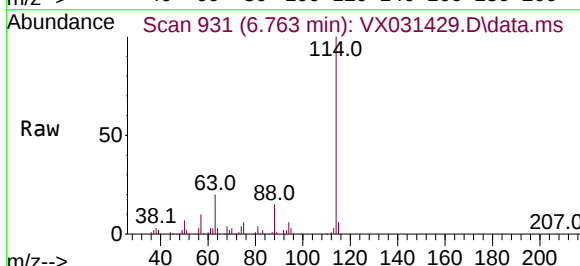
Tgt Ion: 114 Resp: 138919

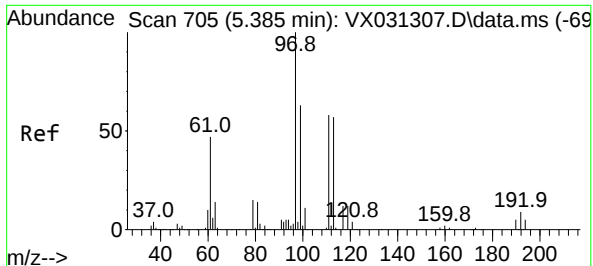
Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.6

88 15.2 0.0 33.0

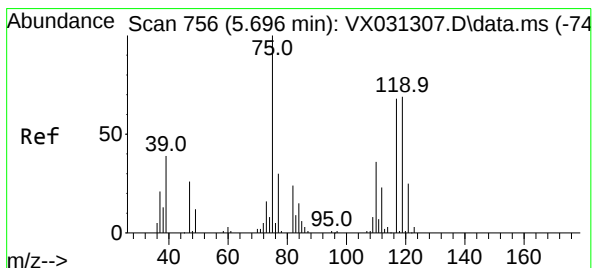
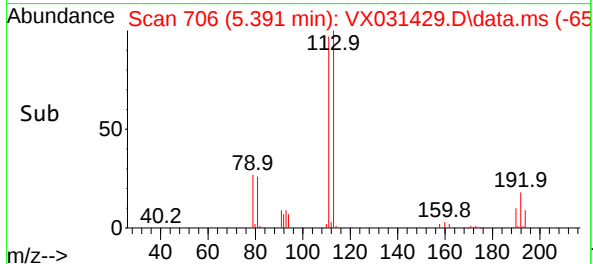
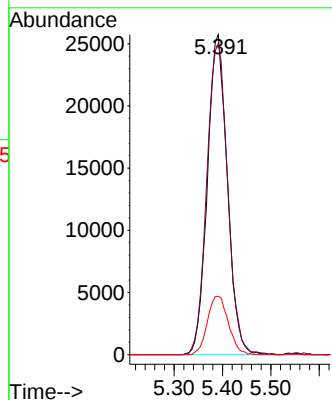
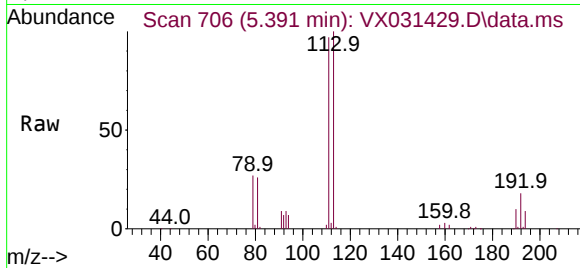




#35
Dibromofluoromethane
Concen: 49.303 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX031429.D
Acq: 16 Sep 2022 23:02

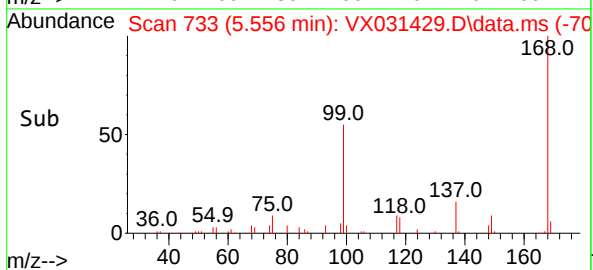
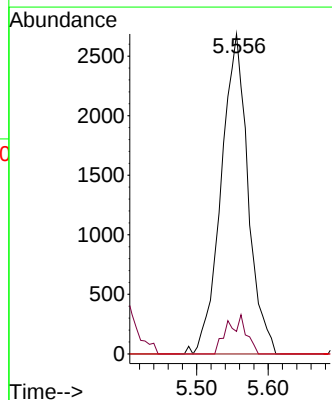
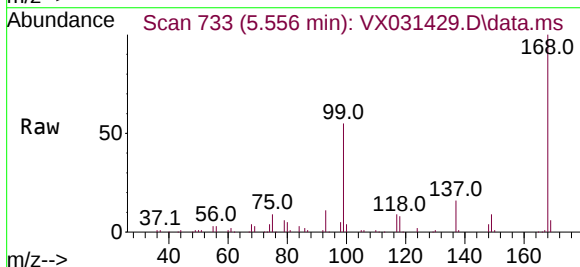
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBL03

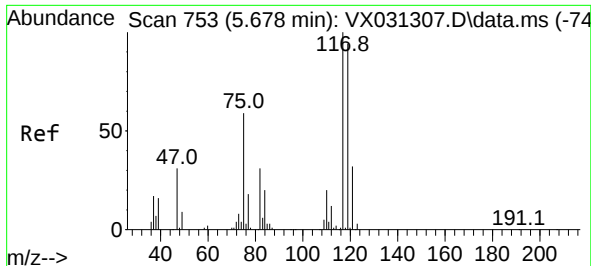
Tgt Ion:113 Resp: 73623
Ion Ratio Lower Upper
113 100
111 102.0 82.4 123.6
192 19.2 14.1 21.1



#36
1,1-Dichloropropene
Concen: 3.428 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX031429.D
Acq: 16 Sep 2022 23:02

Tgt Ion: 75 Resp: 7007
Ion Ratio Lower Upper
75 100
110 4.9 17.5 52.5#
77 0.0 24.9 37.3#

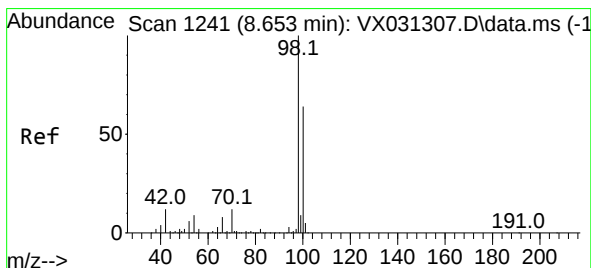
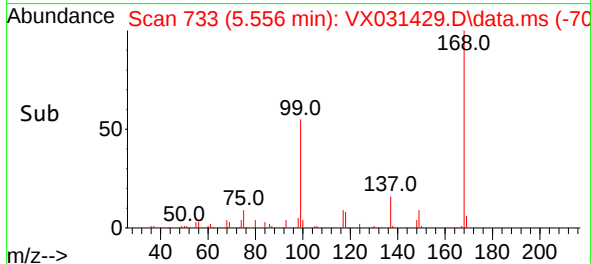
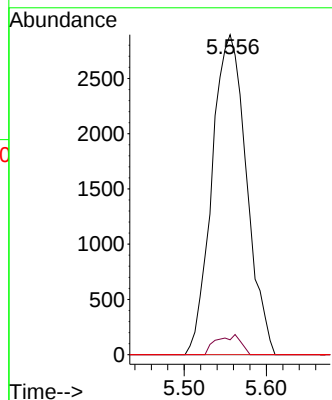
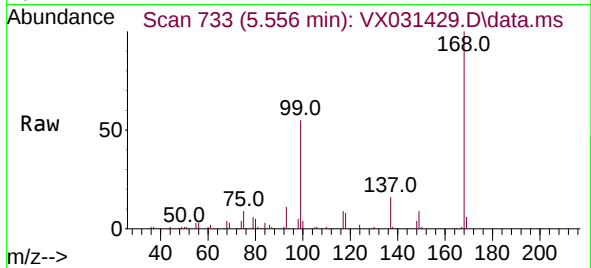




#38
Carbon Tetrachloride
Concen: 3.806 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX031429.D
Acq: 16 Sep 2022 23:02

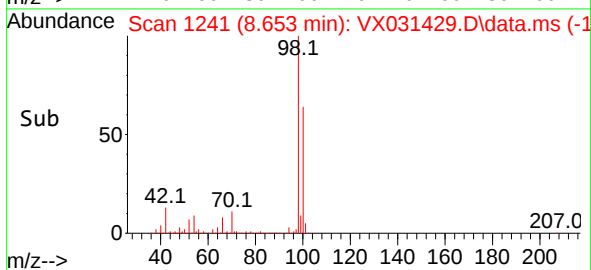
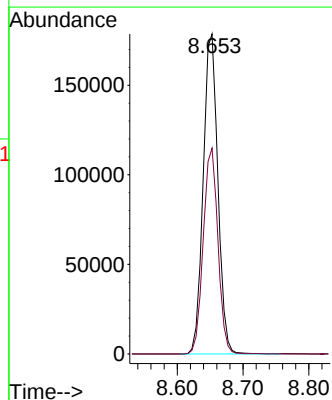
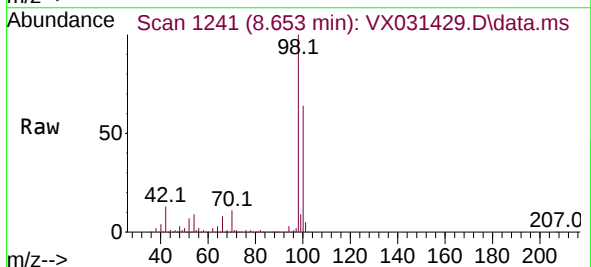
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBL03

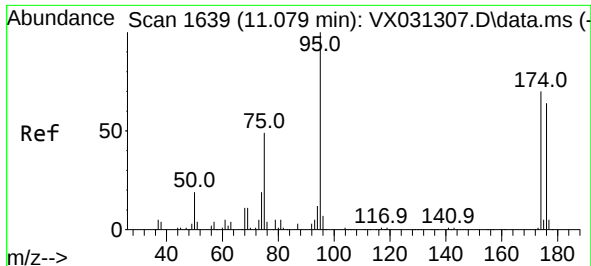
Tgt Ion:117 Resp: 8456
Ion Ratio Lower Upper
117 100
119 4.6 74.6 112.0#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 49.503 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX031429.D
Acq: 16 Sep 2022 23:02

Tgt Ion: 98 Resp: 277291
Ion Ratio Lower Upper
98 100
100 64.3 52.5 78.7

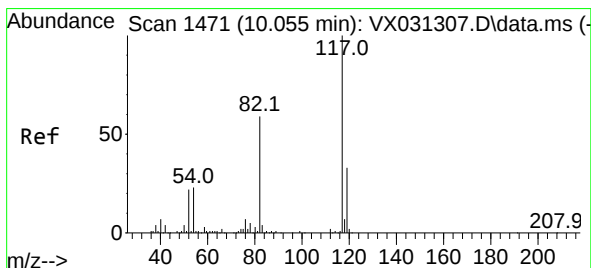
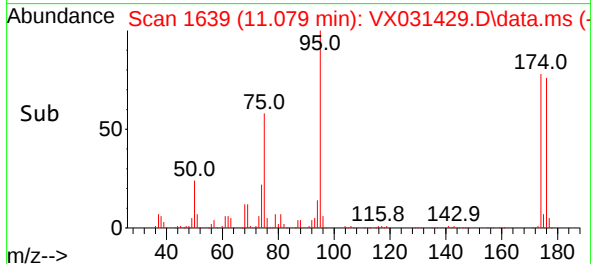
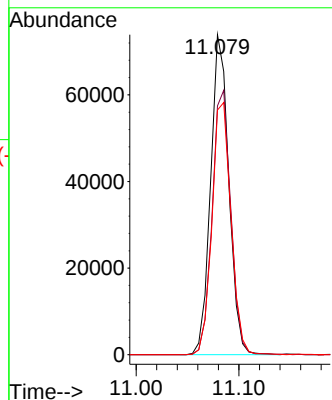
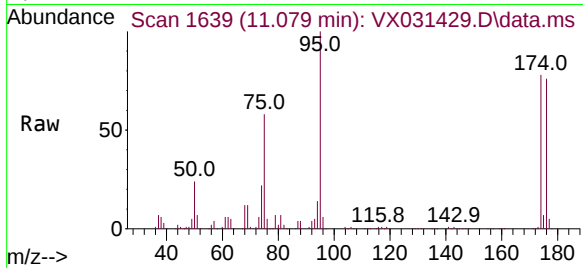




#62
4-Bromofluorobenzene
Concen: 44.236 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031429.D
Acq: 16 Sep 2022 23:02

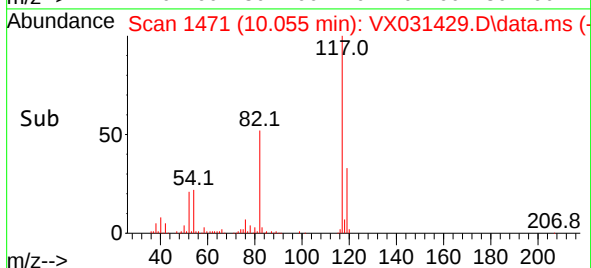
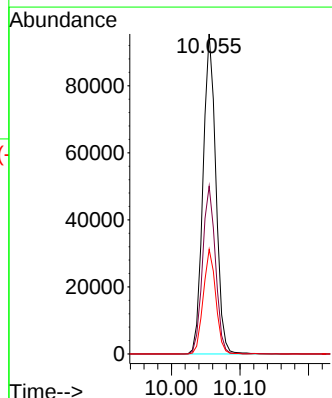
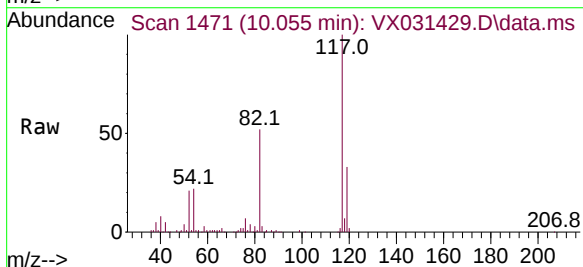
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBL03

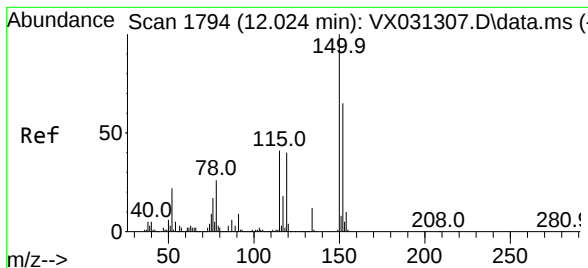
Tgt Ion: 95 Resp: 90739
Ion Ratio Lower Upper
95 100
174 84.8 0.0 153.2
176 82.6 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031429.D
Acq: 16 Sep 2022 23:02

Tgt Ion: 117 Resp: 124887
Ion Ratio Lower Upper
117 100
82 52.5 46.8 70.2
119 32.7 26.4 39.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX031429.D

Acq: 16 Sep 2022 23:02

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBL03

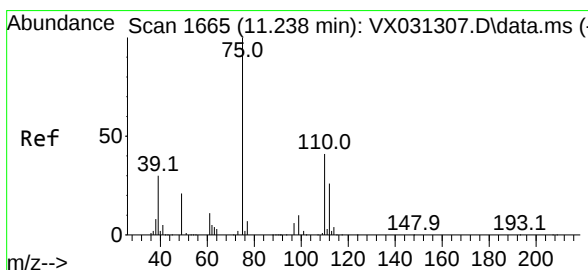
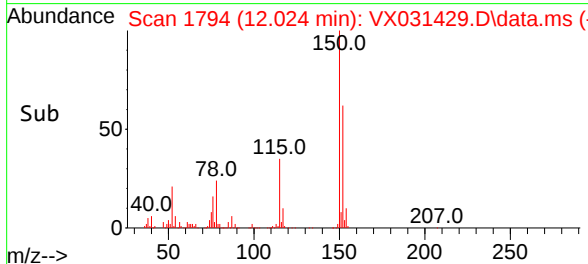
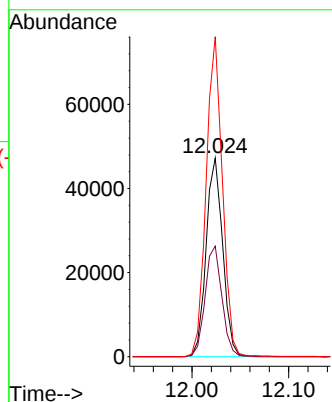
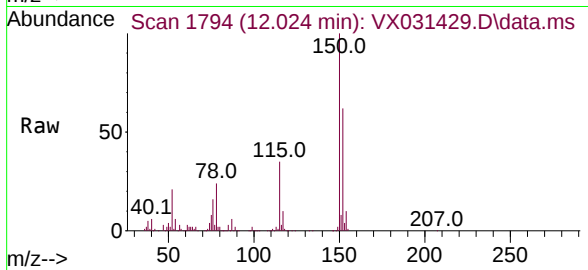
Tgt Ion:152 Resp: 56558

Ion Ratio Lower Upper

152 100

115 56.4 43.4 130.1

150 157.6 0.0 346.8



#76

1,2,3-Trichloropropane

Concen: 36.395 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX031429.D

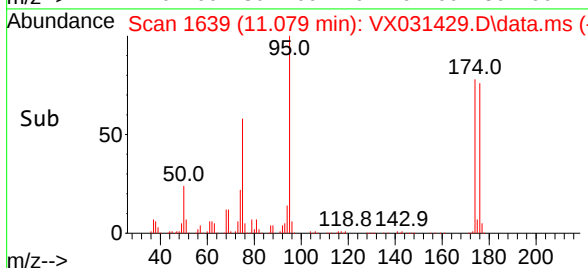
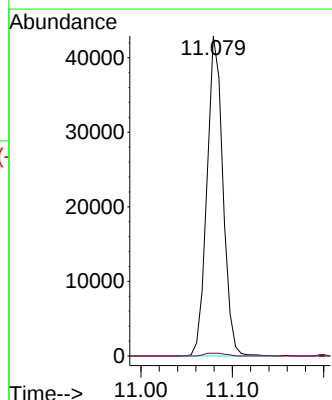
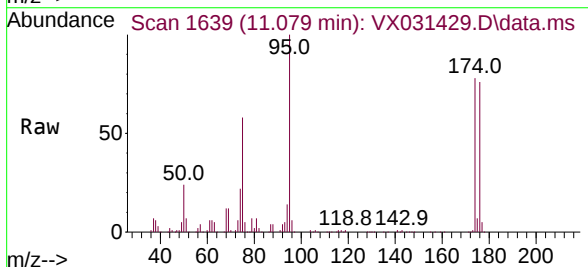
Acq: 16 Sep 2022 23:02

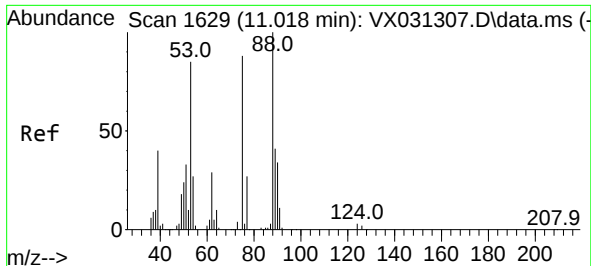
Tgt Ion: 75 Resp: 51872

Ion Ratio Lower Upper

75 100

77 1.1 20.3 60.9#

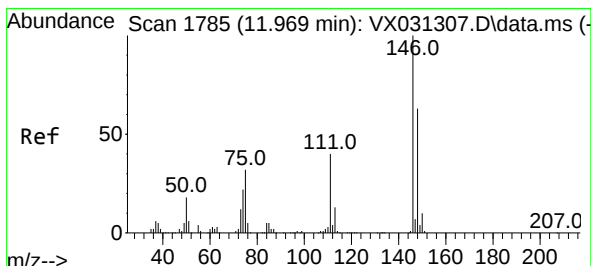
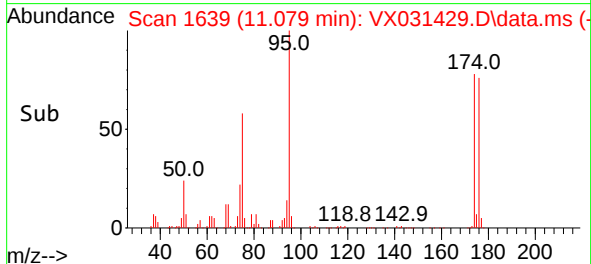
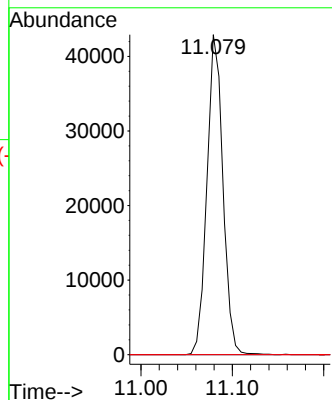
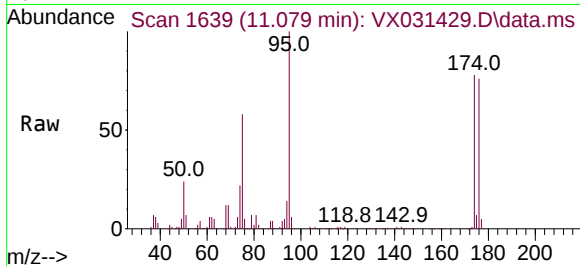




#81
trans-1,4-Dichloro-2-butene
Concen: 100.705 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031429.D
Acq: 16 Sep 2022 23:02

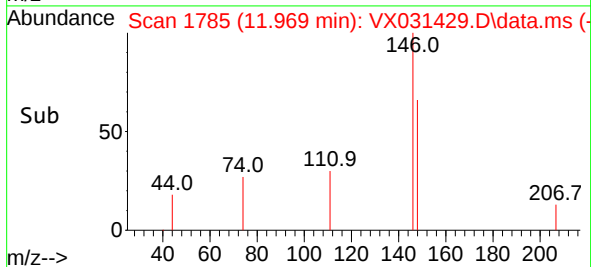
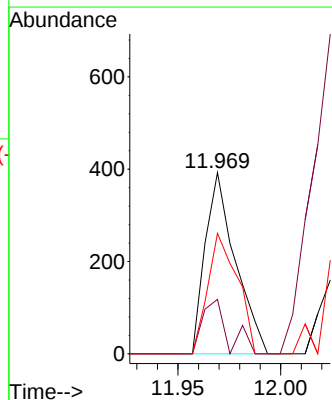
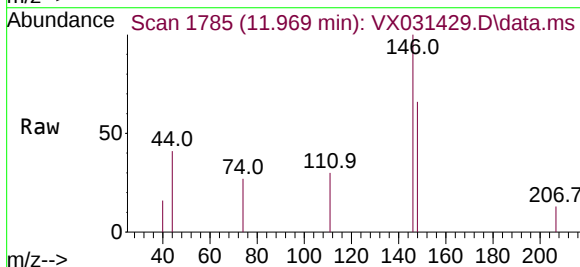
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBL03

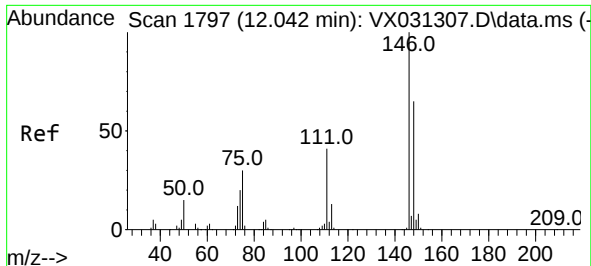
Tgt Ion: 75 Resp: 51872
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#



#87
1,3-Dichlorobenzene
Concen: 0.220 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX031429.D
Acq: 16 Sep 2022 23:02

Tgt Ion:146 Resp: 400
Ion Ratio Lower Upper
146 100
111 25.3 19.8 59.4
148 65.5 31.5 94.5

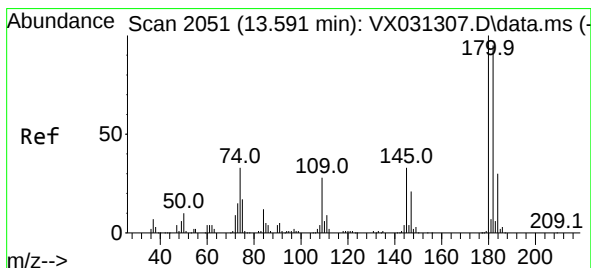
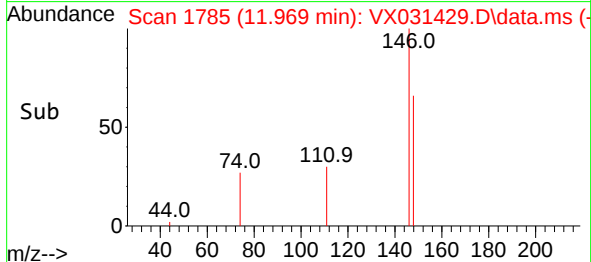
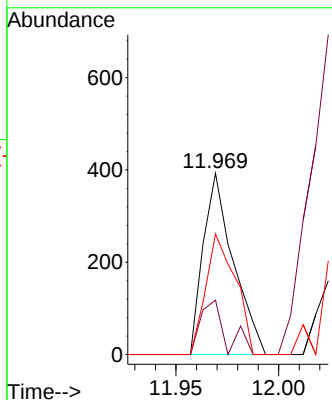
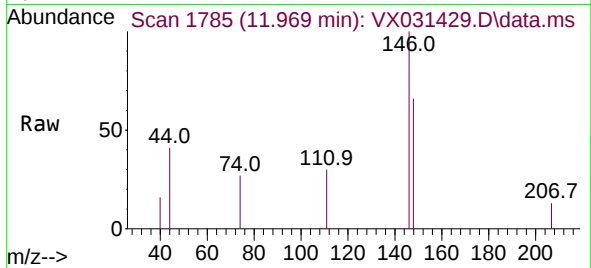




#88
 1,4-Dichlorobenzene
 Concen: 0.214 ug/l
 RT: 11.969 min Scan# 11
 Delta R.T. -0.073 min
 Lab File: VX031429.D
 Acq: 16 Sep 2022 23:02

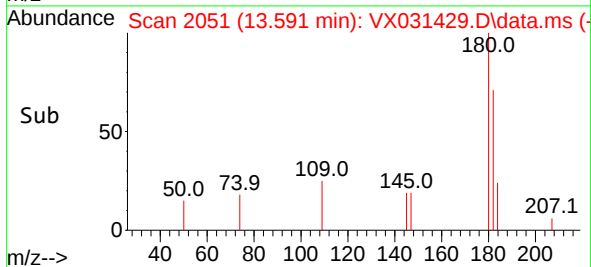
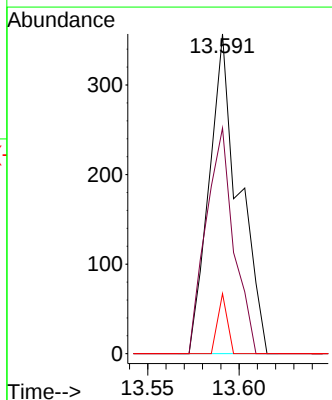
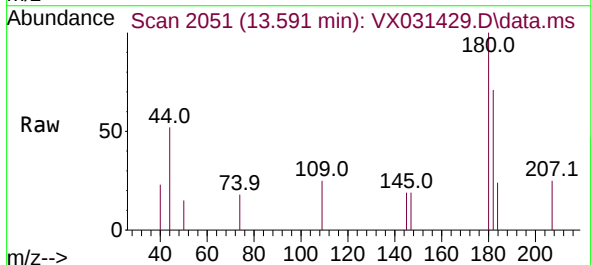
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916WBL03

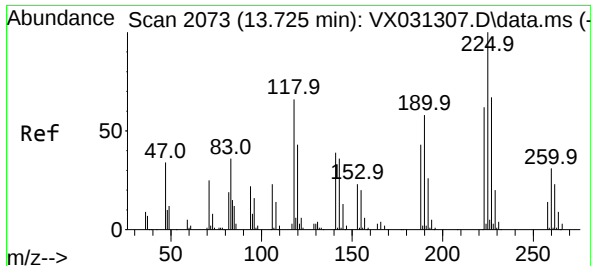
Tgt Ion:146 Resp: 400
 Ion Ratio Lower Upper
 146 100
 111 25.3 20.5 61.5
 148 65.5 32.0 96.2



#93
 1,2,4-Trichlorobenzene
 Concen: 0.404 ug/l
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.000 min
 Lab File: VX031429.D
 Acq: 16 Sep 2022 23:02

Tgt Ion:180 Resp: 404
 Ion Ratio Lower Upper
 180 100
 182 65.8 46.9 140.6
 145 6.2 16.7 50.1#

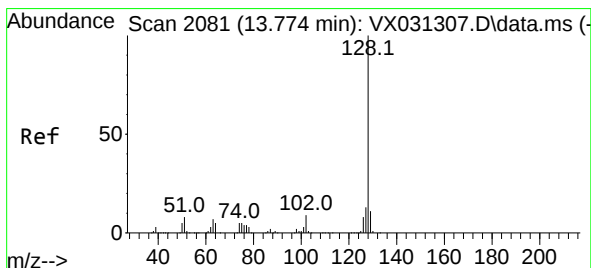
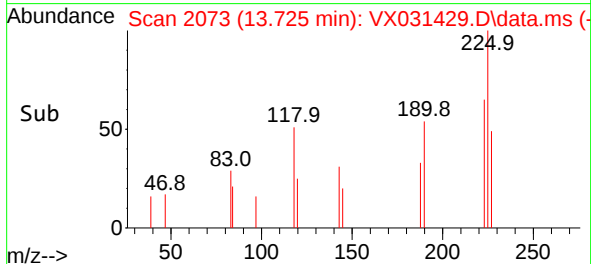
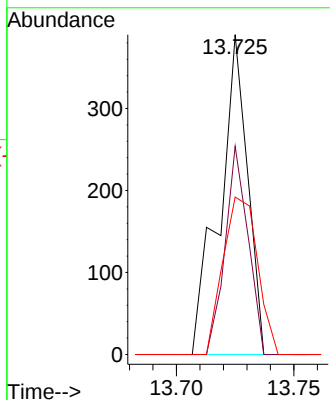
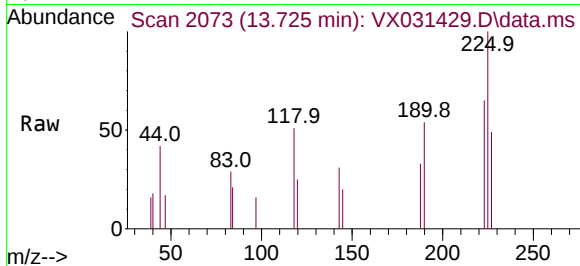




#94
Hexachlorobutadiene
Concen: 0.829 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX031429.D
Acq: 16 Sep 2022 23:02

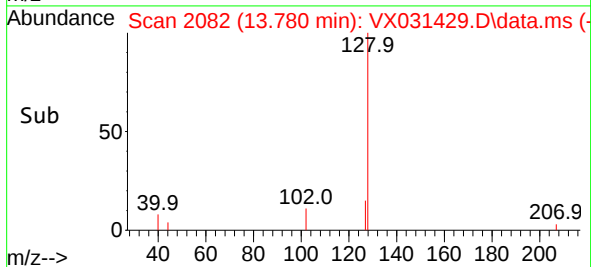
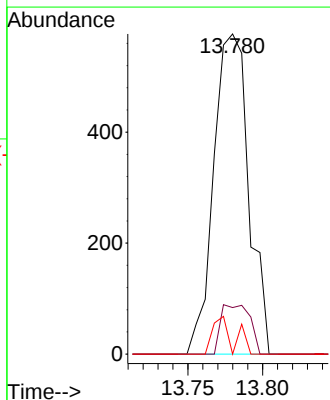
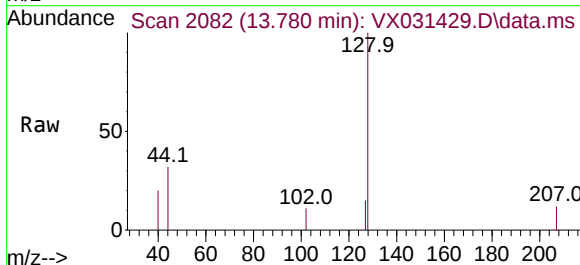
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBL03

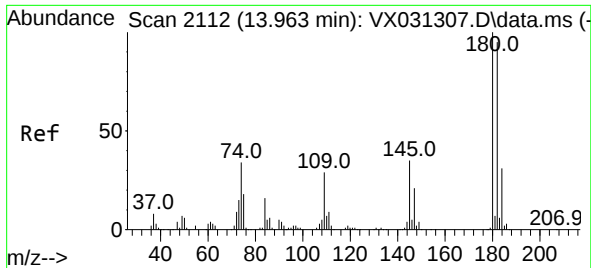
Tgt Ion:	225	Resp:	324
Ion	Ratio	Lower	Upper
225	100		
223	53.1	30.8	92.4
227	60.5	32.3	96.9



#95
Naphthalene
Concen: 0.231 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX031429.D
Acq: 16 Sep 2022 23:02

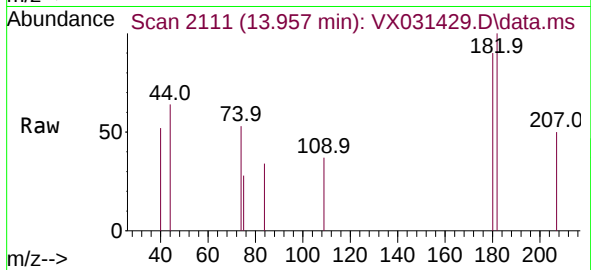
Tgt Ion:	128	Resp:	939
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	6.9	8.8	13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 0.240 ug/l
 RT: 13.957 min Scan# 2111
 Delta R.T. -0.006 min
 Lab File: VX031429.D
 Acq: 16 Sep 2022 23:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916WBL03



Tgt Ion:	180	Resp:	257
Ion	Ratio	Lower	Upper
180	100		
182	138.9	47.9	143.8
145	0.0	17.6	52.8#

