

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063022\
 Data File : VX029907.D
 Acq On : 30 Jun 2022 13:21
 Operator : JC/MD
 Sample : N3485-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 01 04:48:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 05:54:51 2022
 Response via : Initial Calibration

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

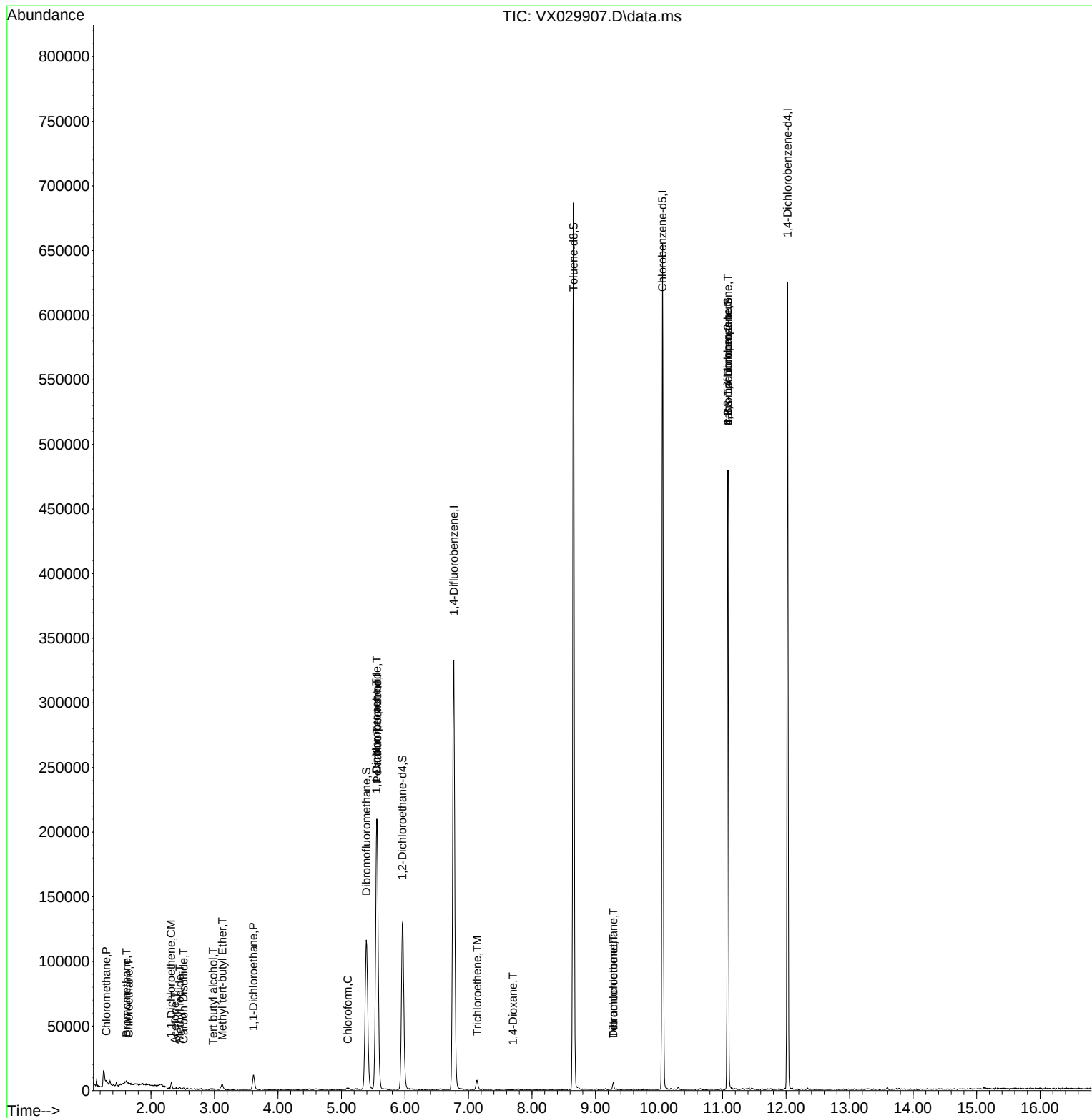
Internal Standards						
1) Pentafluorobenzene	5.562	168	208923	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	359845	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	304909	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	123606	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	115991	43.859	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.720%
35) Dibromofluoromethane	5.391	113	103751	46.135	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.280%
50) Toluene-d8	8.653	98	406742	48.212	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.420%
62) 4-Bromofluorobenzene	11.085	95	132122	44.304	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	611	0.260	ug/l #	50
5) Bromomethane	1.617	94	344	0.267	ug/l #	34
6) Chloroethane	1.648	64	593	1.374	ug/l #	51
10) Methyl Iodide	2.453	142	978	2.201	ug/l #	79
11) Tert butyl alcohol	2.977	59	267	0.386	ug/l #	74
12) 1,1-Dichloroethene	2.318	96	1405	0.653	ug/l	90
13) Acrolein	2.251	56	86	Below Cal	#	73
16) Acetone	2.379	43	1175	0.908	ug/l #	76
17) Carbon Disulfide	2.513	76	1204	0.225	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	4082	0.562	ug/l	95
24) 1,1-Dichloroethane	3.611	63	11771	2.782	ug/l	96
30) Chloroform	5.098	83	1428	0.344	ug/l #	59
36) 1,1-Dichloropropene	5.550	75	14966	5.004	ug/l #	48
38) Carbon Tetrachloride	5.556	117	19046	7.349	ug/l #	17
44) Trichloroethene	7.135	130	2886	1.108	ug/l	94
49) 1,4-Dioxane	7.702	88	27	0.390	ug/l #	25
60) Dibromochloromethane	9.281	129	744	0.331	ug/l #	11
64) Tetrachloroethene	9.281	164	920	0.500	ug/l #	54
76) 1,2,3-Trichloropropane	11.085	75	60487	20.442	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	60487	64.919	ug/l #	13

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

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Quant Time: Jul 01 04:48:07 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 29 05:54:51 2022
Response via : Initial Calibration

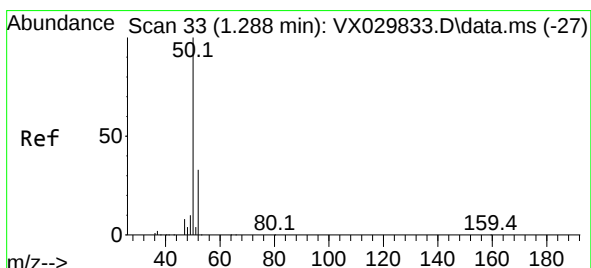
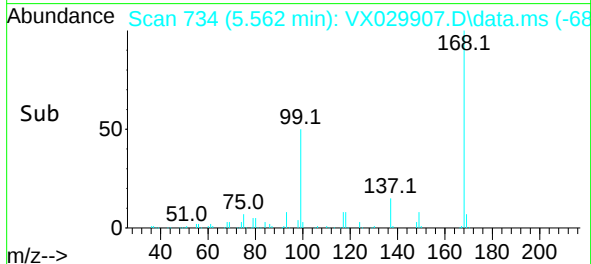
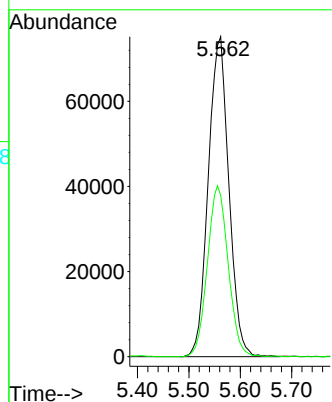
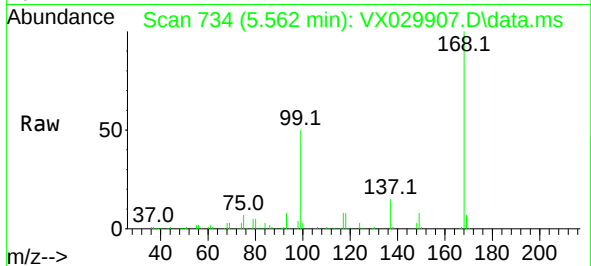




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX029907.D
Acq: 30 Jun 2022 13:21

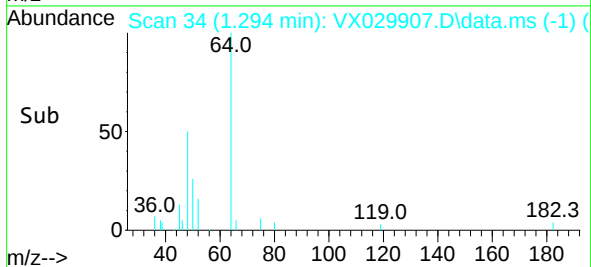
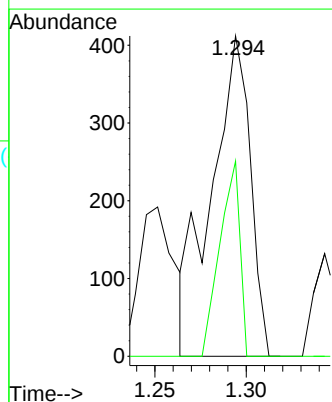
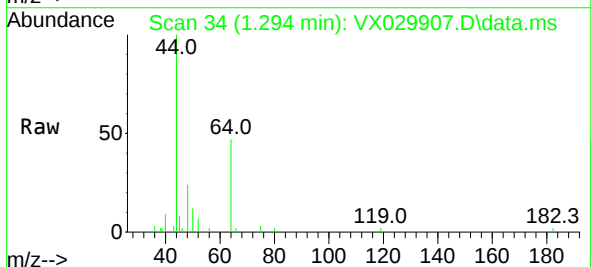
Instrument :
MSVOA_X
ClientSampleId :

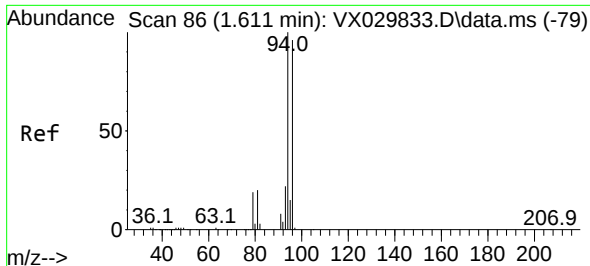
Tgt Ion:168 Resp: 208923
Ion Ratio Lower Upper
168 100
99 50.4 44.0 66.0



#3
Chloromethane
Concen: 0.260 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX029907.D
Acq: 30 Jun 2022 13:21

Tgt Ion: 50 Resp: 611
Ion Ratio Lower Upper
50 100
52 60.9 26.3 39.5#

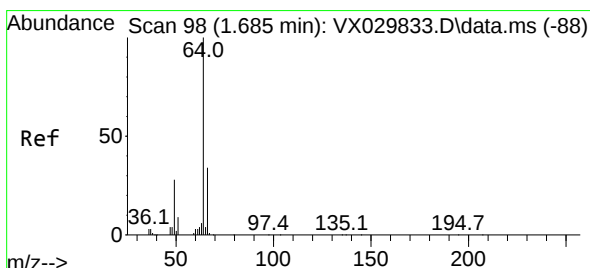
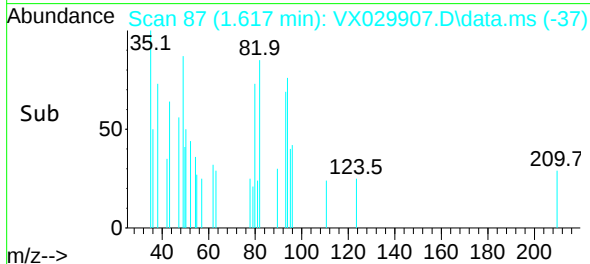
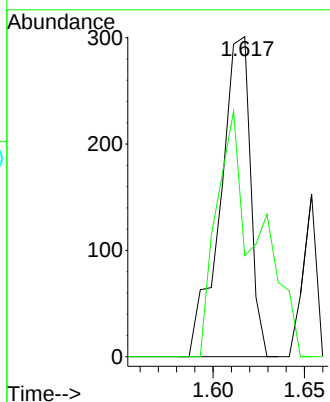
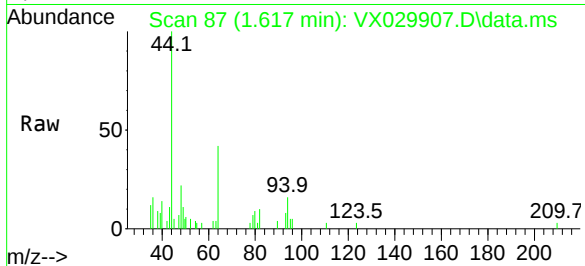




#5
Bromomethane
Concen: 0.267 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX029907.D
Acq: 30 Jun 2022 13:21

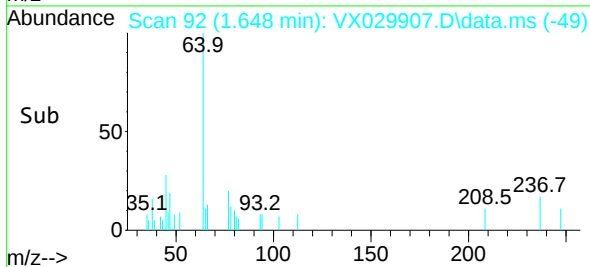
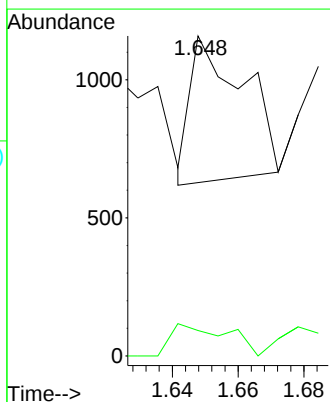
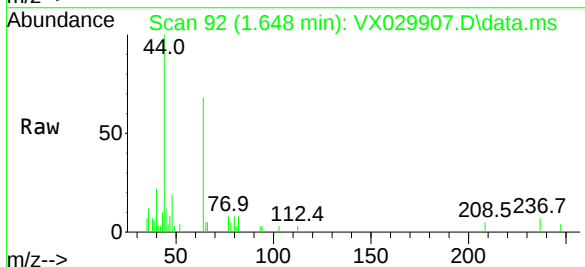
Instrument :
MSVOA_X
ClientSampleId :

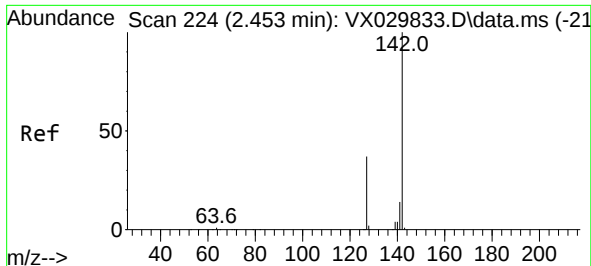
Tgt Ion: 94 Resp: 344
Ion Ratio Lower Upper
94 100
96 31.6 76.9 115.3#



#6
Chloroethane
Concen: 1.374 ug/l
RT: 1.648 min Scan# 92
Delta R.T. -0.037 min
Lab File: VX029907.D
Acq: 30 Jun 2022 13:21

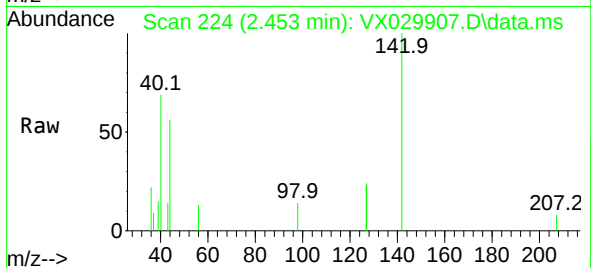
Tgt Ion: 64 Resp: 593
Ion Ratio Lower Upper
64 100
66 6.1 27.2 40.8#



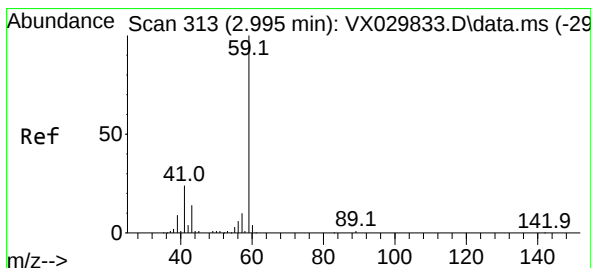
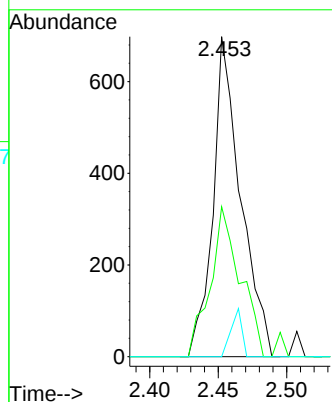
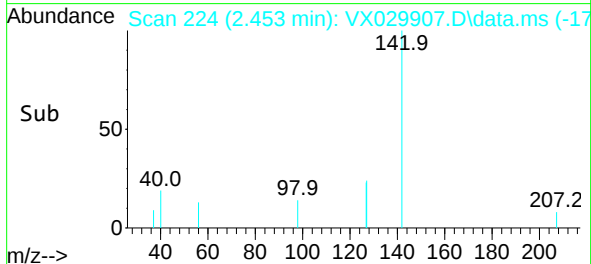


#10
Methyl Iodide
Concen: 2.201 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX029907.D
Acq: 30 Jun 2022 13:21

Instrument :
MSVOA_X
ClientSampleId :

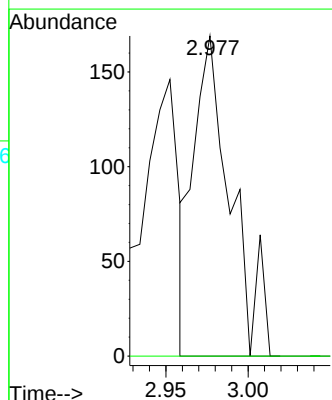
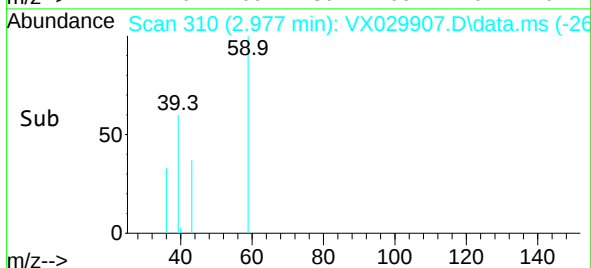
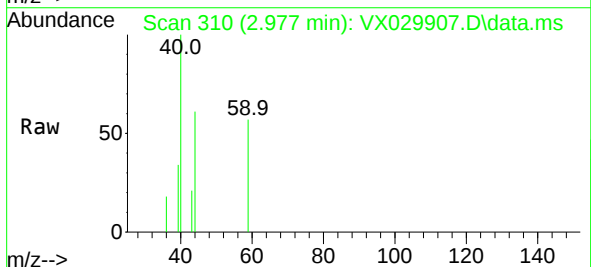


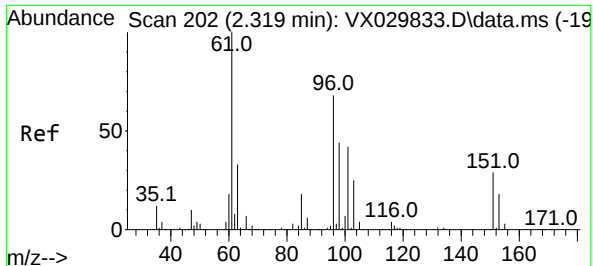
Tgt Ion:142 Resp: 978
Ion Ratio Lower Upper
142 100
127 50.9 30.2 45.2#
141 5.9 11.3 16.9#



#11
Tert butyl alcohol
Concen: 0.386 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.018 min
Lab File: VX029907.D
Acq: 30 Jun 2022 13:21

Tgt Ion: 59 Resp: 267
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#





#12

1,1-Dichloroethene

Concen: 0.653 ug/l

RT: 2.318 min Scan# 20

Delta R.T. -0.000 min

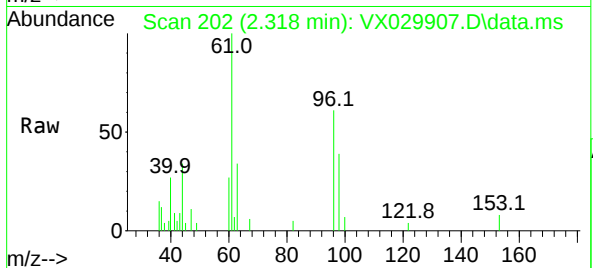
Lab File: VX029907.D

Acq: 30 Jun 2022 13:21

Instrument :

MSVOA_X

ClientSampleId :



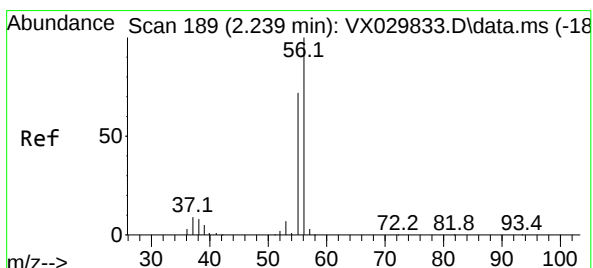
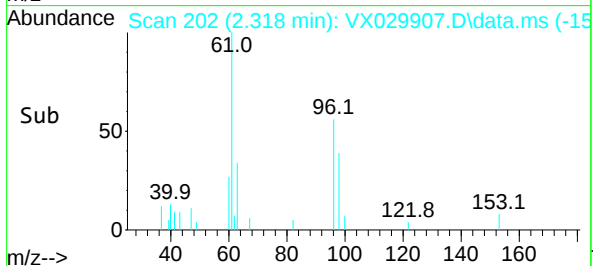
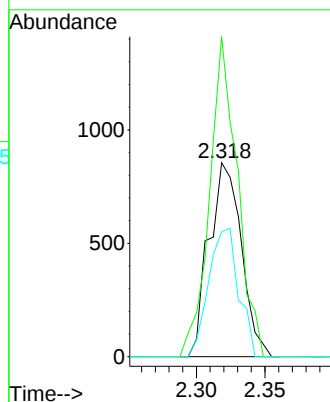
Tgt Ion: 96 Resp: 1405

Ion Ratio Lower Upper

96 100

61 165.0 117.4 176.0

98 64.4 52.2 78.4



#13

Acrolein

Concen: Below Cal

RT: 2.251 min Scan# 191

Delta R.T. 0.012 min

Lab File: VX029907.D

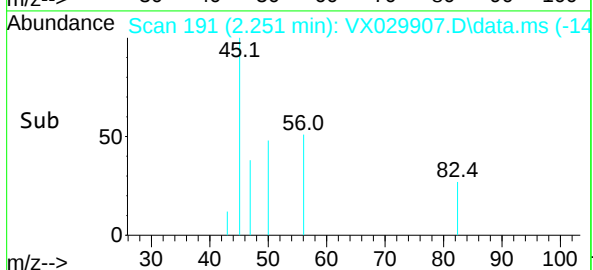
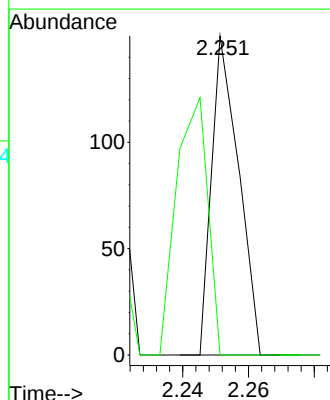
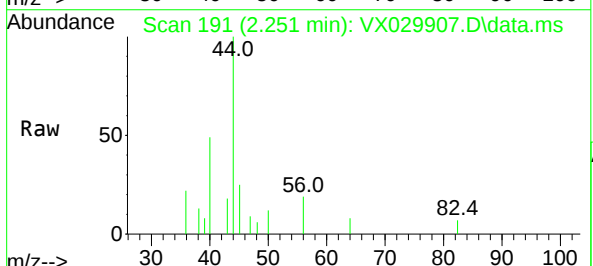
Acq: 30 Jun 2022 13:21

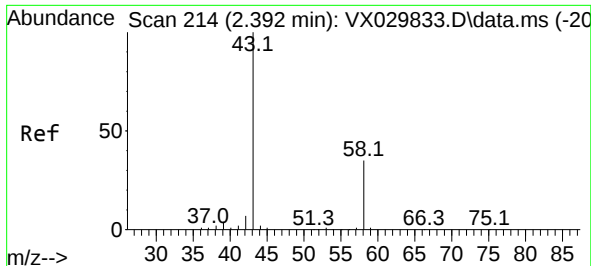
Tgt Ion: 56 Resp: 86

Ion Ratio Lower Upper

56 100

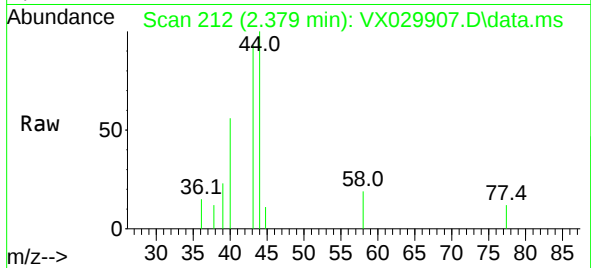
55 93.0 56.6 84.8#



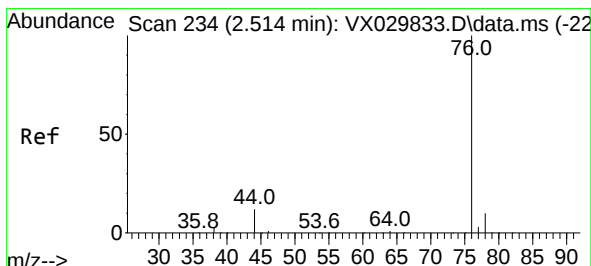
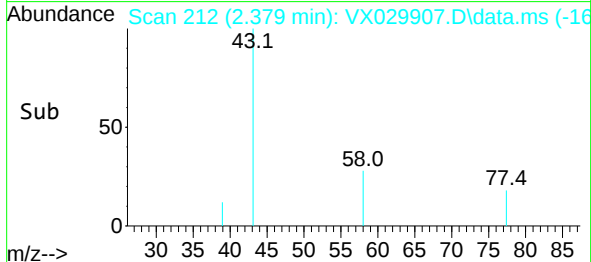
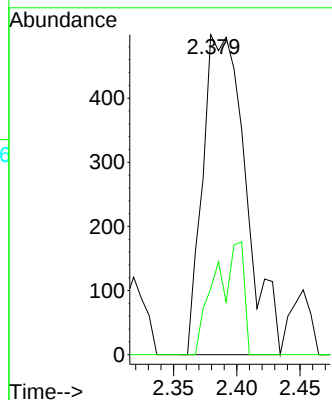


#16
Acetone
Concen: 0.908 ug/l
RT: 2.379 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX029907.D
Acq: 30 Jun 2022 13:21

Instrument :
MSVOA_X
ClientSampleId :

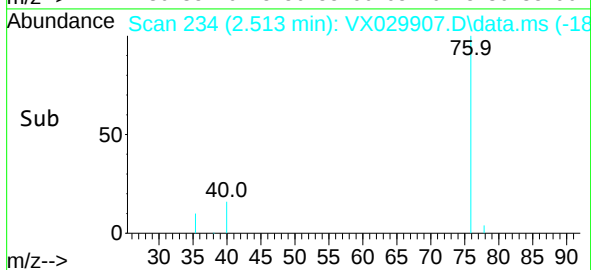
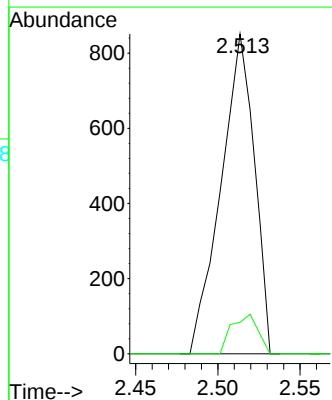
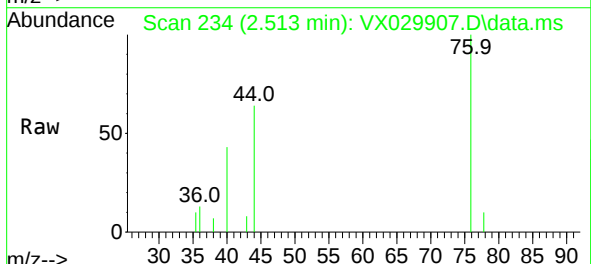


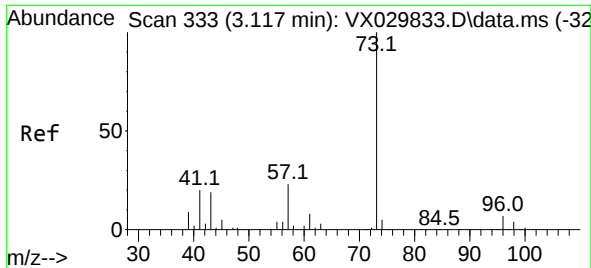
Tgt Ion: 43 Resp: 1175
Ion Ratio Lower Upper
43 100
58 20.6 27.7 41.5#



#17
Carbon Disulfide
Concen: 0.225 ug/l
RT: 2.513 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX029907.D
Acq: 30 Jun 2022 13:21

Tgt Ion: 76 Resp: 1204
Ion Ratio Lower Upper
76 100
78 9.9 7.8 11.6

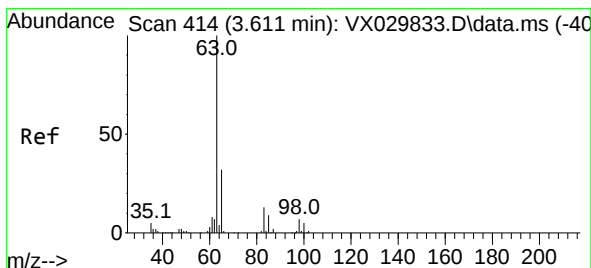
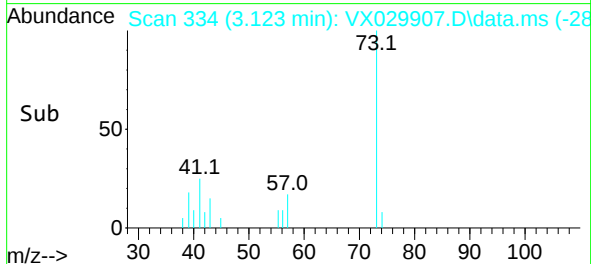
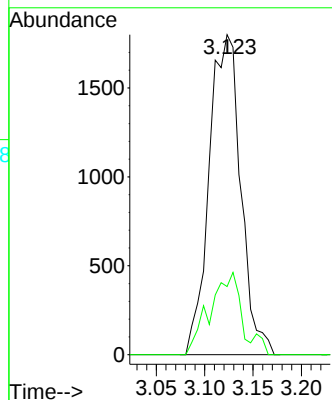
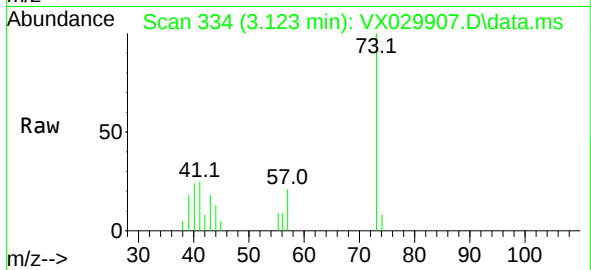




#19
Methyl tert-butyl Ether
Concen: 0.562 ug/l
RT: 3.123 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX029907.D
Acq: 30 Jun 2022 13:21

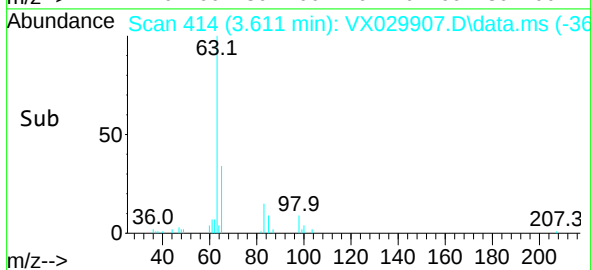
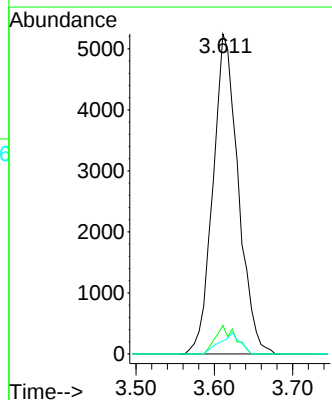
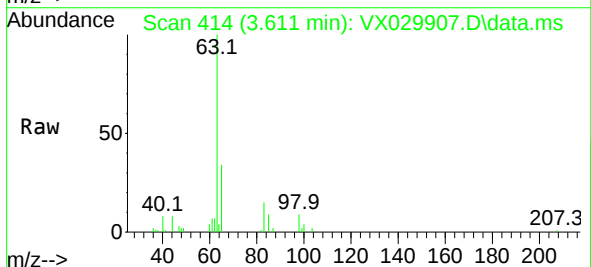
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MSVOA_X
ClientSampleId :

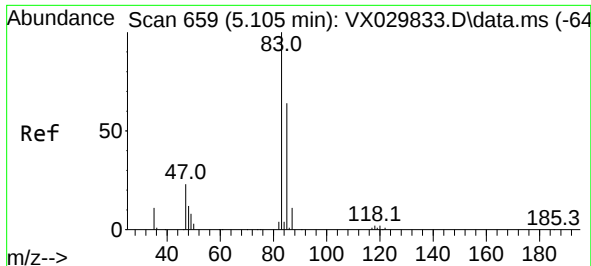
Tgt Ion: 73 Resp: 4082
Ion Ratio Lower Upper
73 100
57 21.3 19.0 28.6



#24
1,1-Dichloroethane
Concen: 2.782 ug/l
RT: 3.611 min Scan# 414
Delta R.T. -0.000 min
Lab File: VX029907.D
Acq: 30 Jun 2022 13:21

Tgt Ion: 63 Resp: 11771
Ion Ratio Lower Upper
63 100
98 8.9 3.5 10.5
100 4.0 2.3 6.9

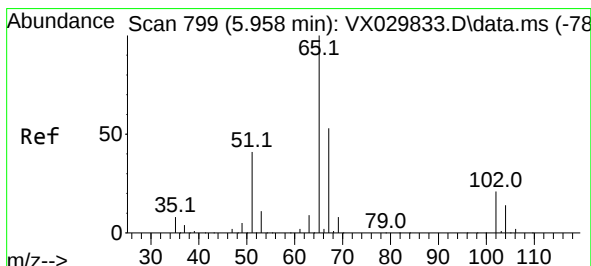
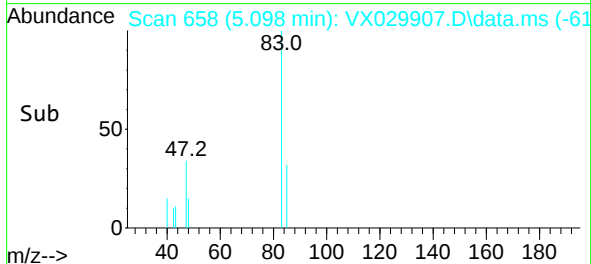
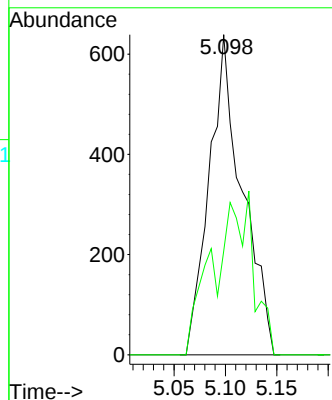
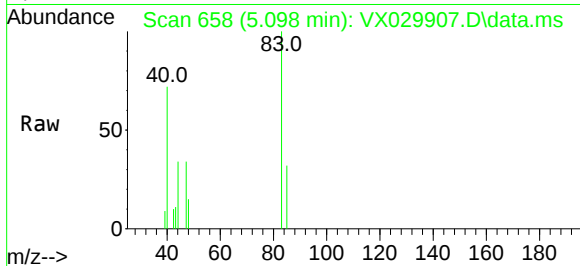




#30
Chloroform
Concen: 0.344 ug/l
RT: 5.098 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX029907.D
Acq: 30 Jun 2022 13:21

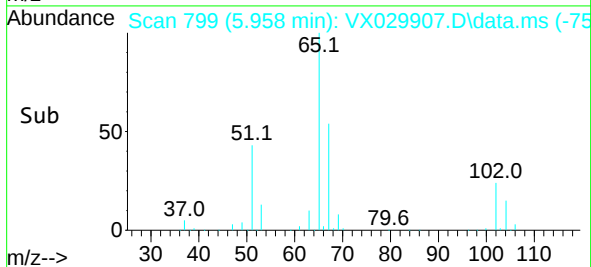
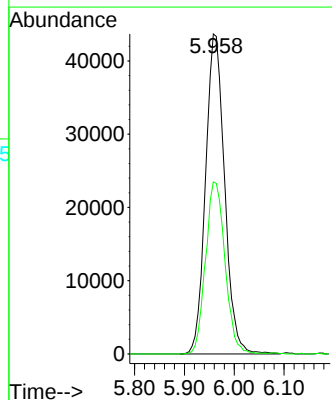
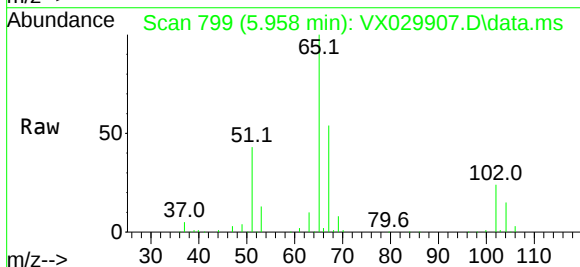
Instrument :
MSVOA_X
ClientSampleId :

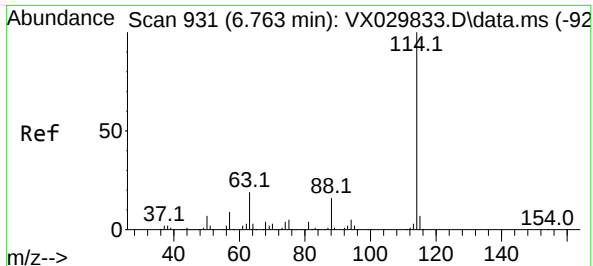
Tgt Ion: 83 Resp: 1428
Ion Ratio Lower Upper
83 100
85 32.4 51.5 77.3#



#33
1,2-Dichloroethane-d4
Concen: 43.859 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX029907.D
Acq: 30 Jun 2022 13:21

Tgt Ion: 65 Resp: 115991
Ion Ratio Lower Upper
65 100
67 54.8 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 91

Delta R.T. 0.006 min

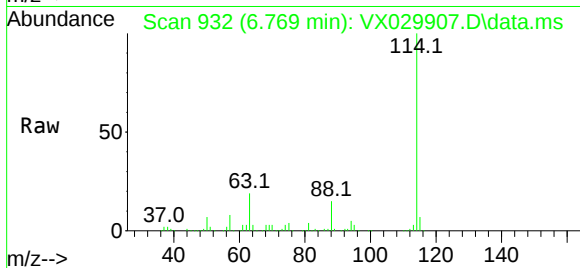
Lab File: VX029907.D

Acq: 30 Jun 2022 13:21

Instrument :

MSVOA_X

ClientSampleId :



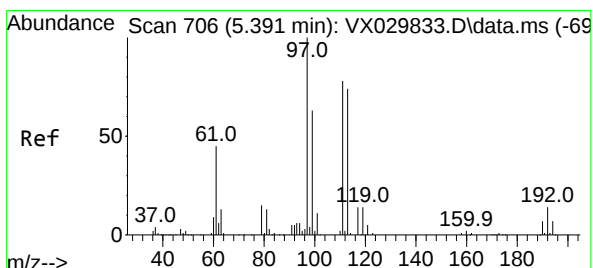
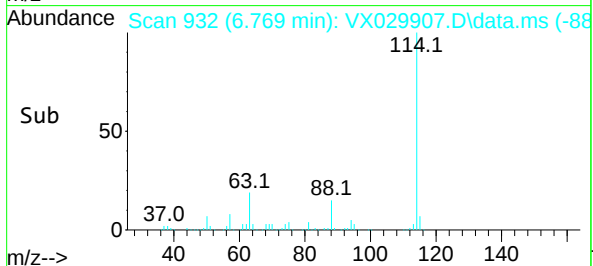
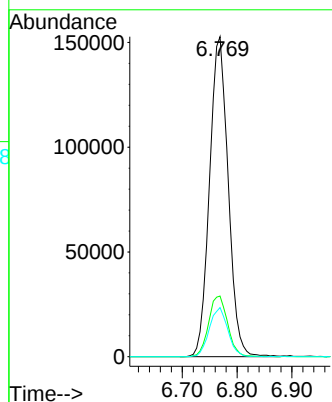
Tgt Ion:114 Resp: 359845

Ion Ratio Lower Upper

114 100

63 19.0 0.0 38.4

88 15.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 46.135 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX029907.D

Acq: 30 Jun 2022 13:21

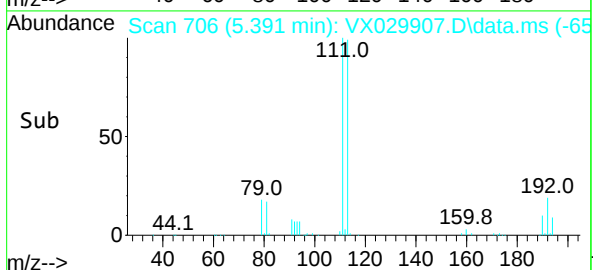
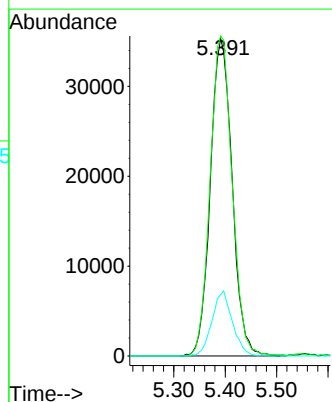
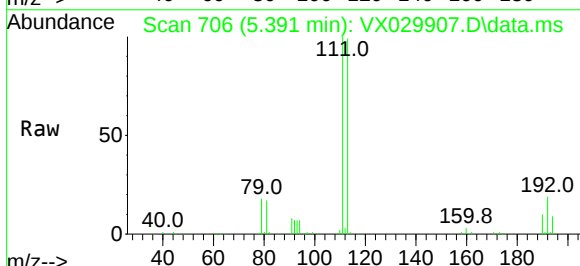
Tgt Ion:113 Resp: 103751

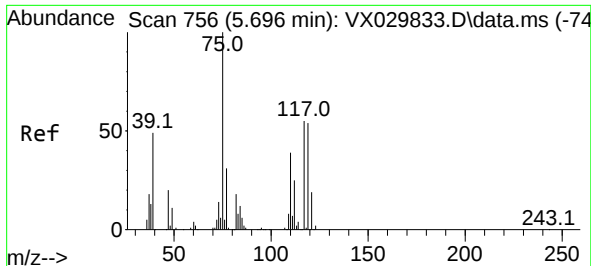
Ion Ratio Lower Upper

113 100

111 102.2 83.2 124.8

192 19.2 14.8 22.2

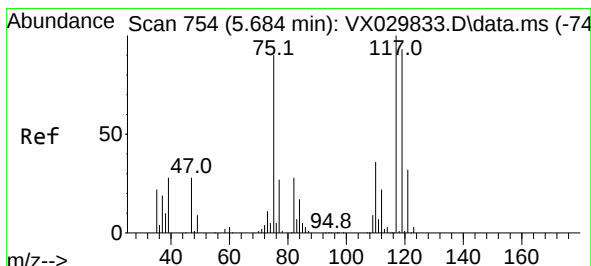
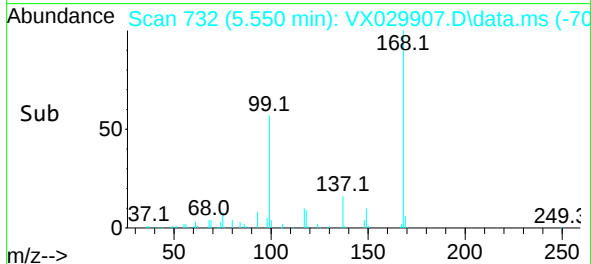
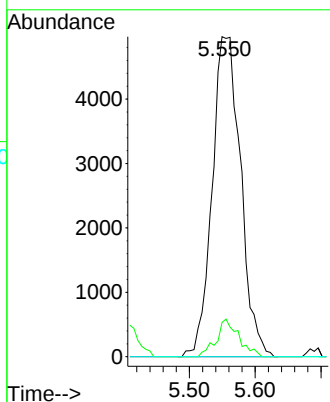
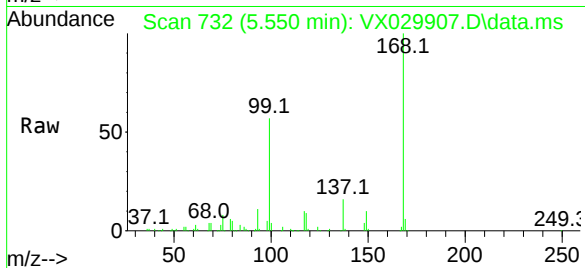




#36
1,1-Dichloropropene
Concen: 5.004 ug/l
RT: 5.550 min Scan# 713
Delta R.T. -0.147 min
Lab File: VX029907.D
Acq: 30 Jun 2022 13:21

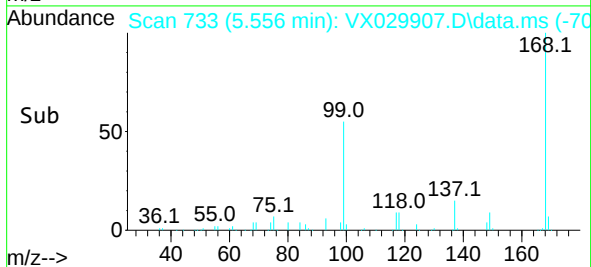
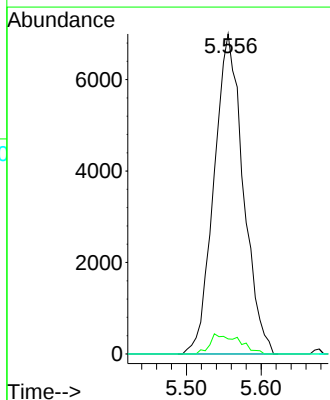
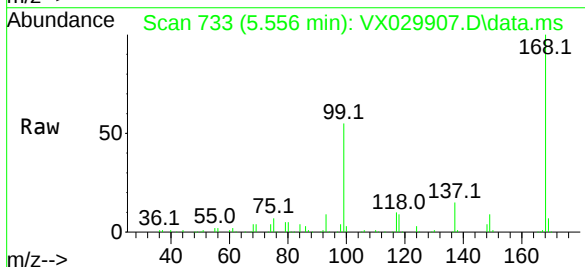
Instrument :
MSVOA_X
ClientSampleId :

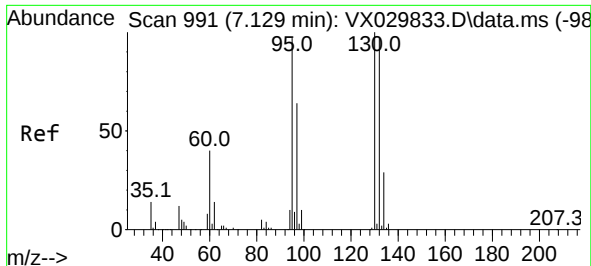
Tgt Ion: 75 Resp: 14966
Ion Ratio Lower Upper
75 100
110 9.3 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 7.349 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX029907.D
Acq: 30 Jun 2022 13:21

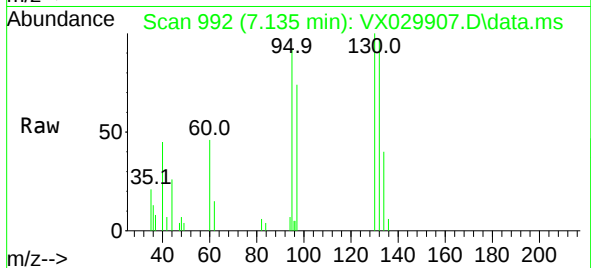
Tgt Ion: 117 Resp: 19046
Ion Ratio Lower Upper
117 100
119 4.7 74.1 111.1#
121 0.0 25.8 38.8#



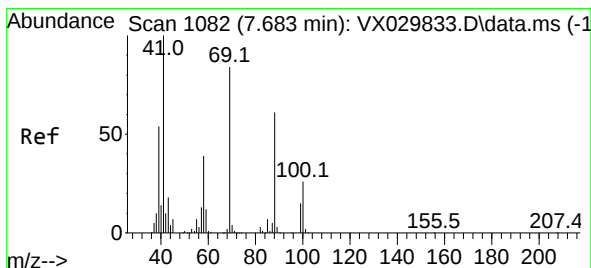
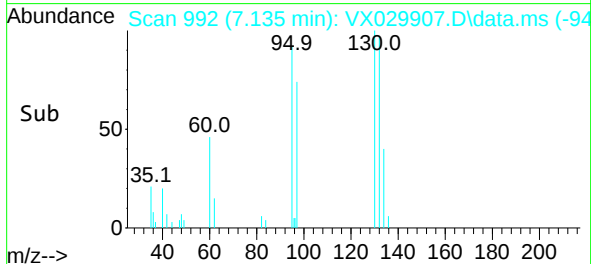
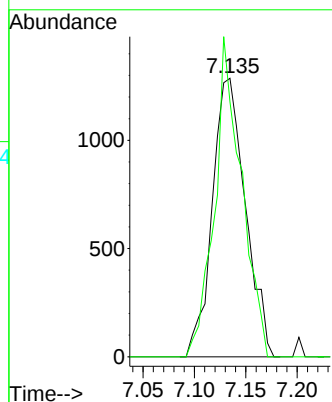


#44
Trichloroethene
Concen: 1.108 ug/l
RT: 7.135 min Scan# 94
Delta R.T. 0.006 min
Lab File: VX029907.D
Acq: 30 Jun 2022 13:21

Instrument :
MSVOA_X
ClientSampleId :

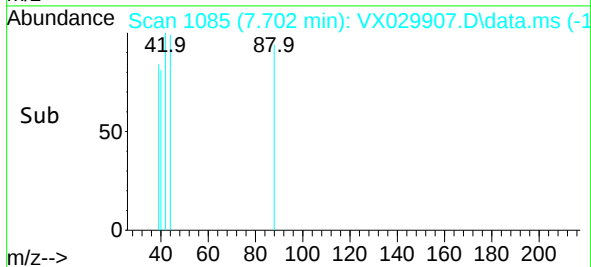
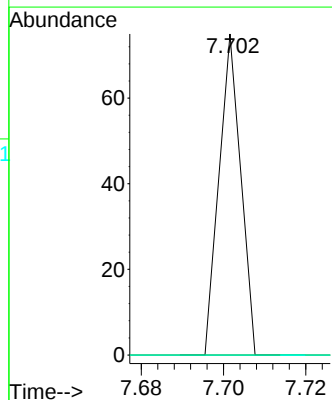
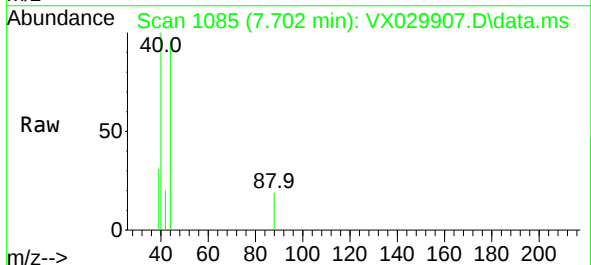


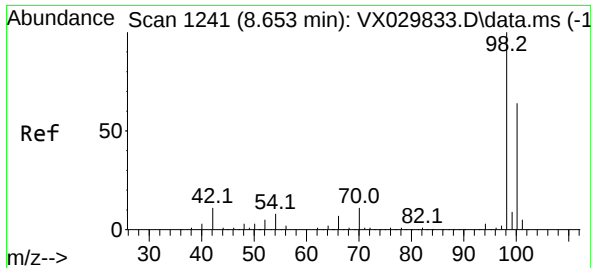
Tgt Ion:130 Resp: 2886
Ion Ratio Lower Upper
130 100
95 91.5 0.0 194.8



#49
1,4-Dioxane
Concen: 0.390 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.018 min
Lab File: VX029907.D
Acq: 30 Jun 2022 13:21

Tgt Ion: 88 Resp: 27
Ion Ratio Lower Upper
88 100
43 0.0 23.8 35.8#
58 0.0 53.8 80.6#

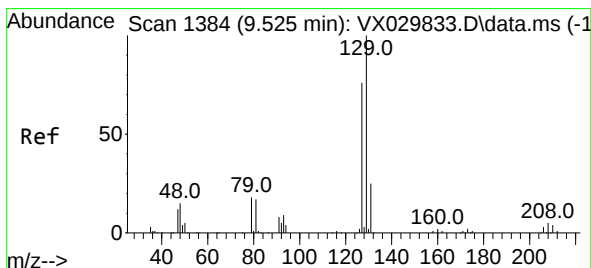
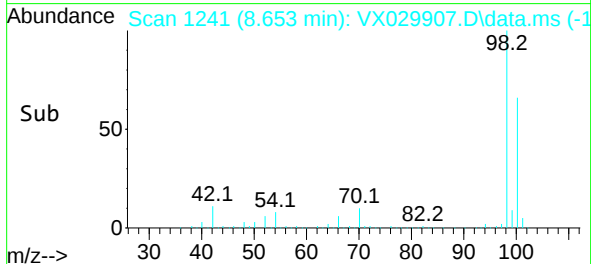
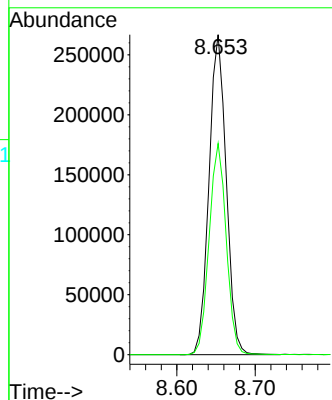
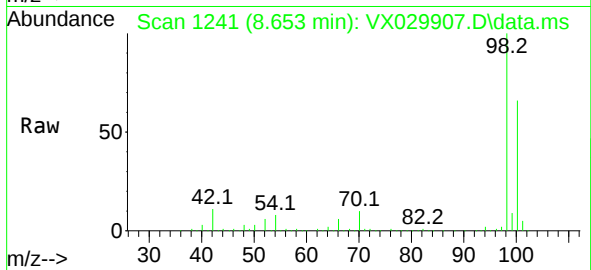




#50
Toluene-d8
Concen: 48.212 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029907.D
Acq: 30 Jun 2022 13:21

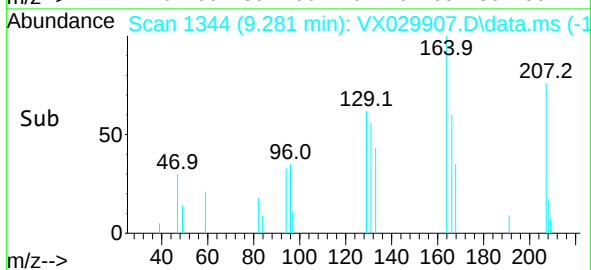
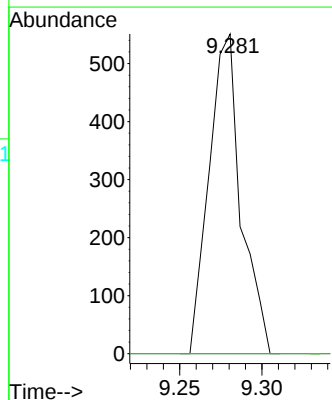
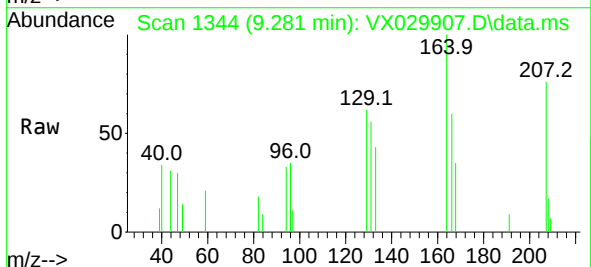
Instrument :
MSVOA_X
ClientSampleId :

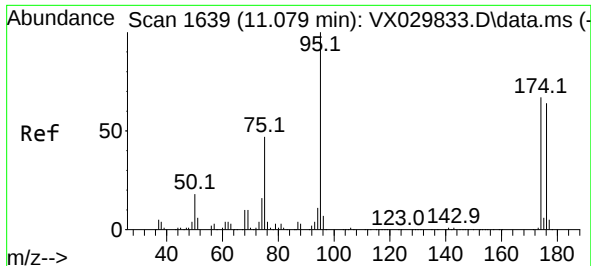
Tgt Ion: 98 Resp: 406742
Ion Ratio Lower Upper
98 100
100 65.6 52.3 78.5



#60
Dibromochloromethane
Concen: 0.331 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.244 min
Lab File: VX029907.D
Acq: 30 Jun 2022 13:21

Tgt Ion: 129 Resp: 744
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#

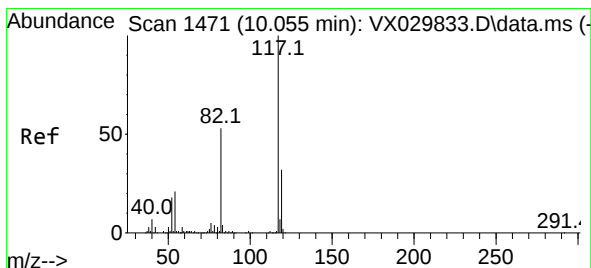
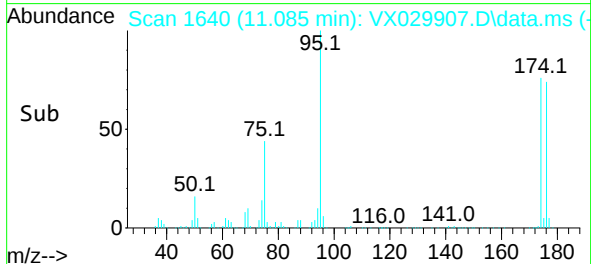
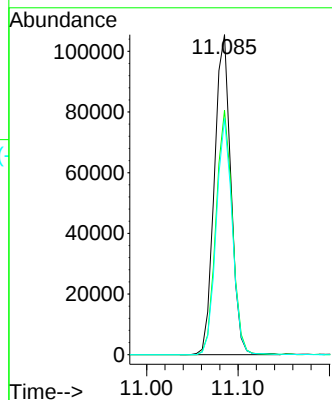
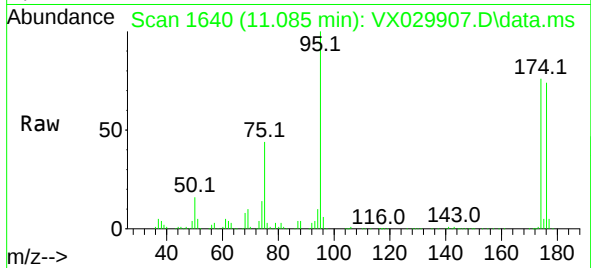




#62
4-Bromofluorobenzene
Concen: 44.304 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX029907.D
Acq: 30 Jun 2022 13:21

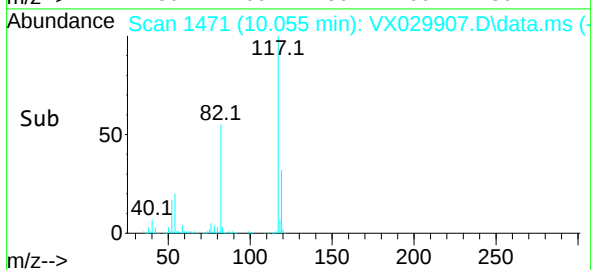
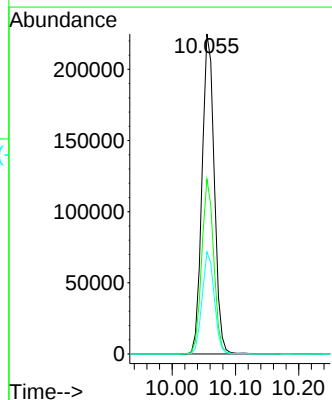
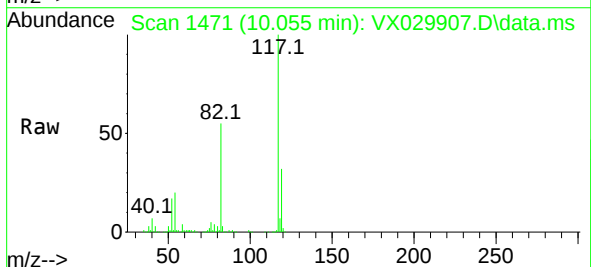
Instrument :
MSVOA_X
ClientSampleId :

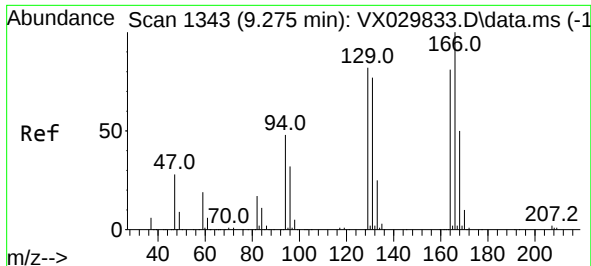
Tgt Ion: 95 Resp: 132122
Ion Ratio Lower Upper
95 100
174 75.7 0.0 149.0
176 71.8 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029907.D
Acq: 30 Jun 2022 13:21

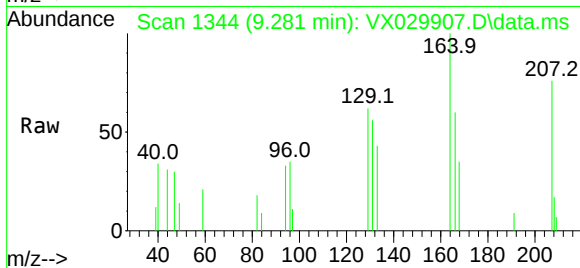
Tgt Ion: 117 Resp: 304909
Ion Ratio Lower Upper
117 100
82 54.6 42.7 64.1
119 31.9 25.4 38.2



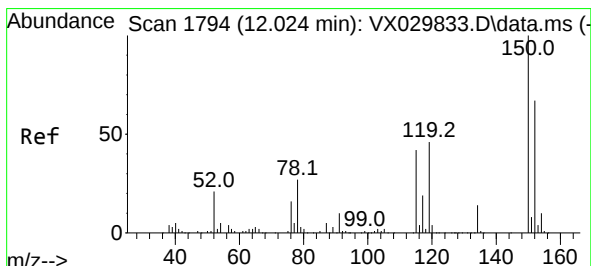
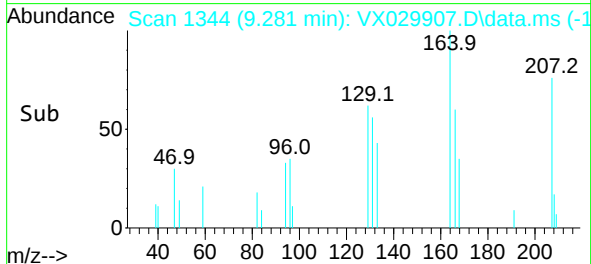
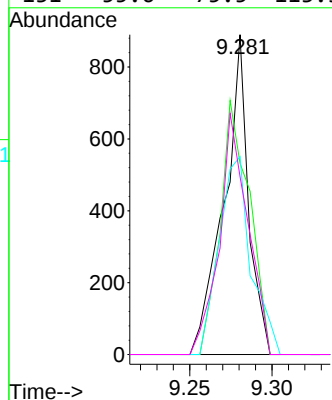


#64
Tetrachloroethene
Concen: 0.500 ug/l
RT: 9.281 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX029907.D
Acq: 30 Jun 2022 13:21

Instrument :
MSVOA_X
ClientSampleId :

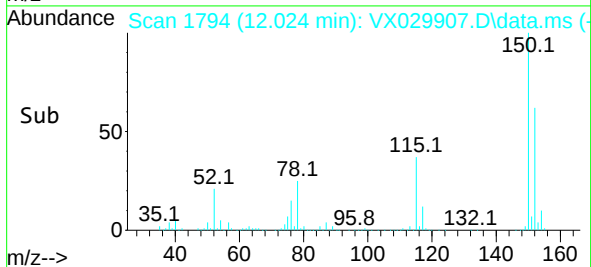
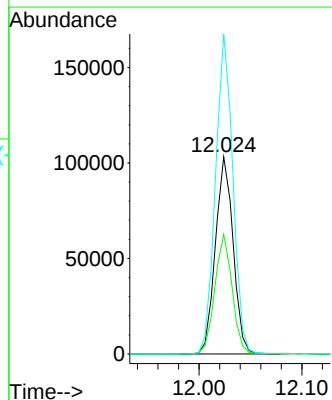
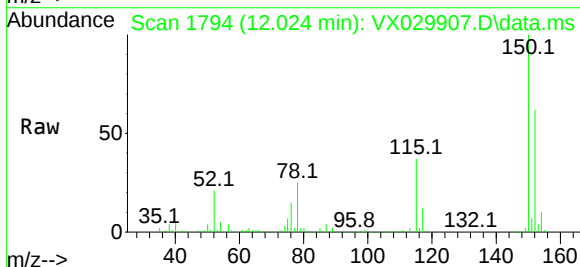


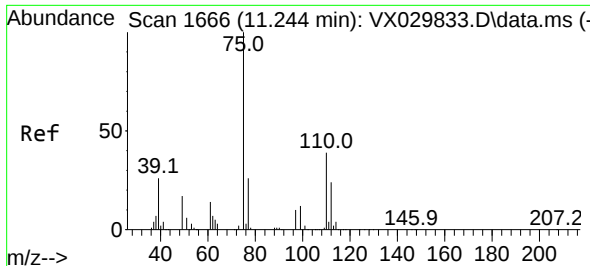
Tgt Ion:164 Resp: 920
Ion Ratio Lower Upper
164 100
166 59.8 98.2 147.4#
129 61.9 80.8 121.2#
131 55.6 75.5 113.3#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX029907.D
Acq: 30 Jun 2022 13:21

Tgt Ion:152 Resp: 123606
Ion Ratio Lower Upper
152 100
115 59.0 40.5 121.5
150 159.0 0.0 347.0

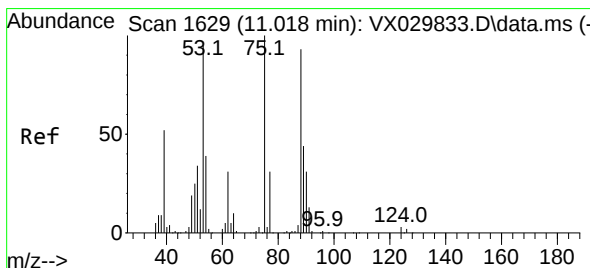
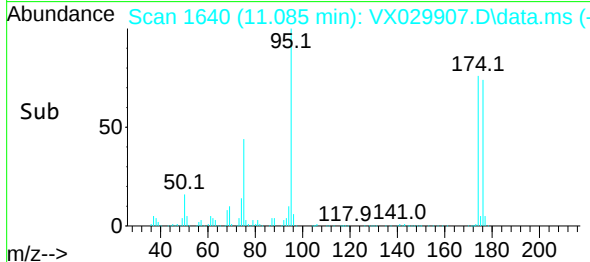
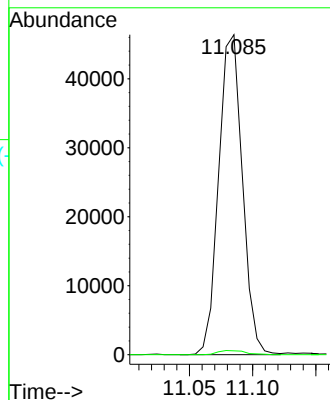
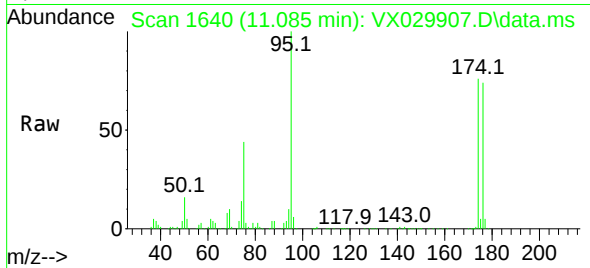




#76
1,2,3-Trichloropropane
Concen: 20.442 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX029907.D
Acq: 30 Jun 2022 13:21

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 60487
Ion Ratio Lower Upper
75 100
77 1.5 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.919 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX029907.D
Acq: 30 Jun 2022 13:21

Tgt Ion: 75 Resp: 60487
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.1 34.8 52.2#

