

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092622\
 Data File : VX031671.D
 Acq On : 27 Sep 2022 00:48
 Operator : JC/MD
 Sample : N4791-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 27 01:57:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:44:18 2022
 Response via : Initial Calibration

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

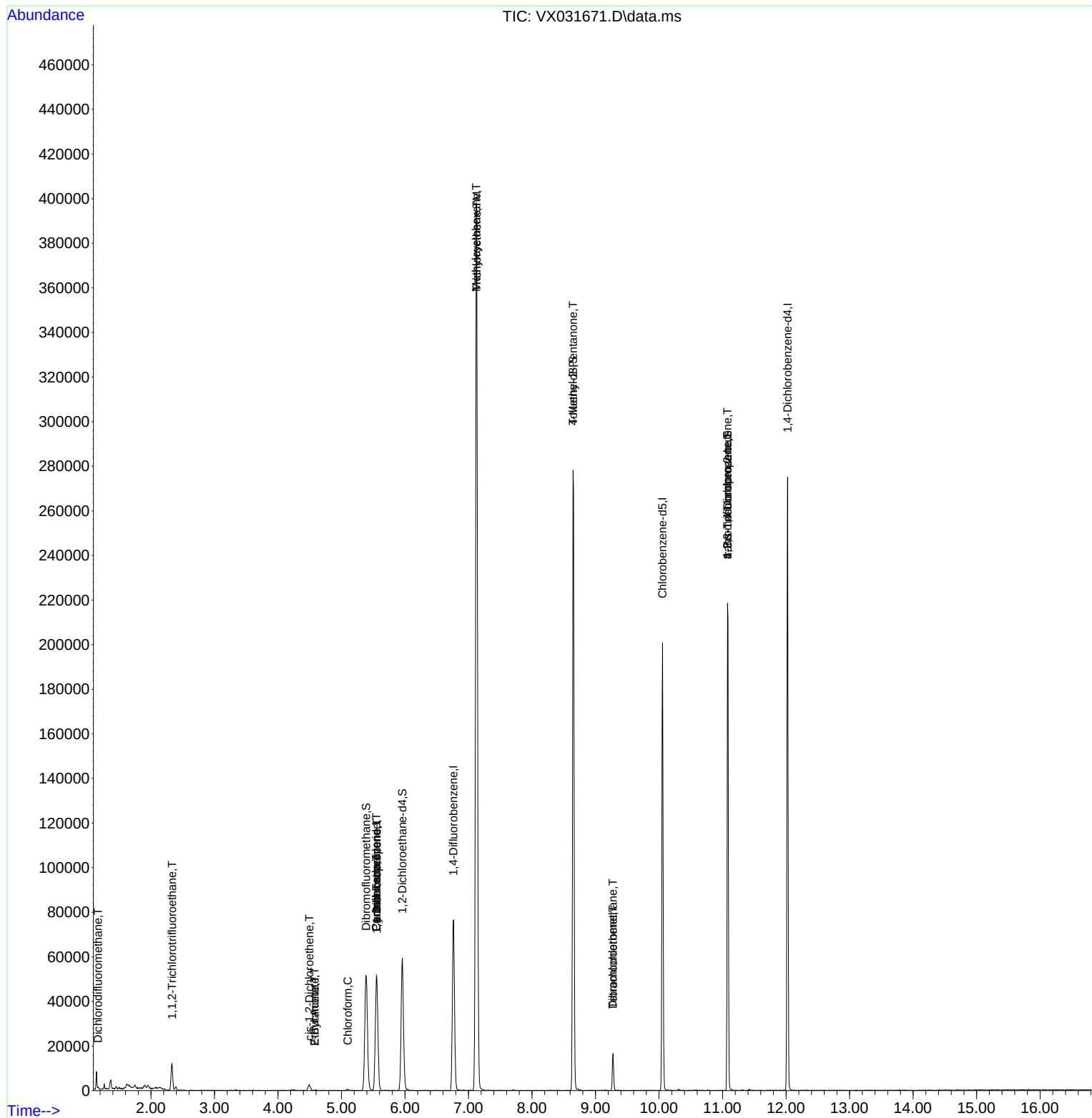
Internal Standards						
1) Pentafluorobenzene	5.550	168	50301	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	78705	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	86175	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	53373	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	54145	50.717	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.440%
35) Dibromofluoromethane	5.385	113	44008	46.928	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.860%
50) Toluene-d8	8.647	98	165959	48.813	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.620%
62) 4-Bromofluorobenzene	11.079	95	53473	42.912	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.820%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	319	0.521	ug/l	75
3) Chloromethane	1.288	50	99	Below Cal	#	41
5) Bromomethane	1.611	94	442	Below Cal		91
6) Chloroethane	1.684	64	232	Below Cal	#	43
7) Trichlorofluoromethane	1.886	101	558	Below Cal	#	62
9) 1,1,2-Trichlorotrifluo...	2.331	101	3961	5.924	ug/l #	86
12) 1,1-Dichloroethene	2.325	96	508	Below Cal	#	67
16) Acetone	2.392	43	1824	Below Cal		89
17) Carbon Disulfide	2.507	76	221	Below Cal	#	75
20) Methylene Chloride	2.794	84	45	Below Cal	#	4
25) 2-Butanone	4.574	43	271	0.532	ug/l #	49
27) cis-1,2-Dichloroethene	4.495	96	1799	1.987	ug/l	72
30) Chloroform	5.098	83	680	0.423	ug/l	87
31) Cyclohexane	5.550	56	1184	1.166	ug/l #	50
36) 1,1-Dichloropropene	5.556	75	3931	3.650	ug/l #	45
37) Ethyl Acetate	4.574	43	271	0.249	ug/l #	68
38) Carbon Tetrachloride	5.550	117	5062	4.171	ug/l #	18
39) Methylcyclohexane	7.123	83	1782	1.452	ug/l #	1
44) Trichloroethene	7.129	130	146608	156.921	ug/l	90
49) 1,4-Dioxane	7.702	88	288	Below Cal	#	56
51) 4-Methyl-2-Pentanone	8.647	43	769	0.711	ug/l #	1
60) Dibromochloromethane	9.275	129	2469	3.699	ug/l #	11
64) Tetrachloroethene	9.275	164	3054	3.316	ug/l #	86
76) 1,2,3-Trichloropropane	11.079	75	29792	30.790	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	29792	101.406	ug/l #	11

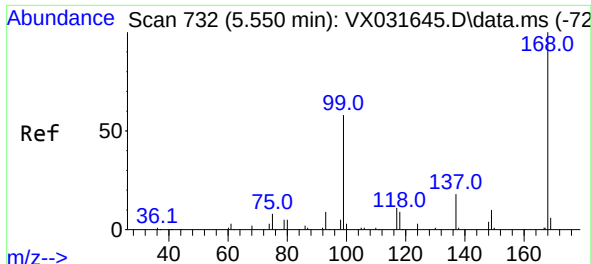
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092622\
Data File : VX031671.D
Acq On : 27 Sep 2022 00:48
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Sample : N4791-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

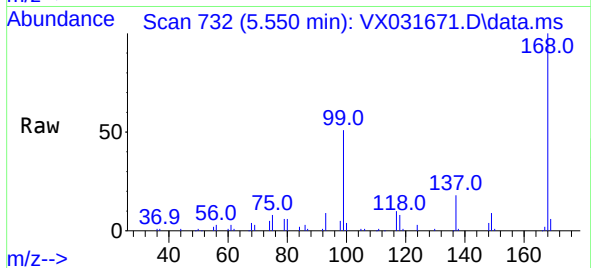
Quant Time: Sep 27 01:57:54 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 27 01:44:18 2022
Response via : Initial Calibration



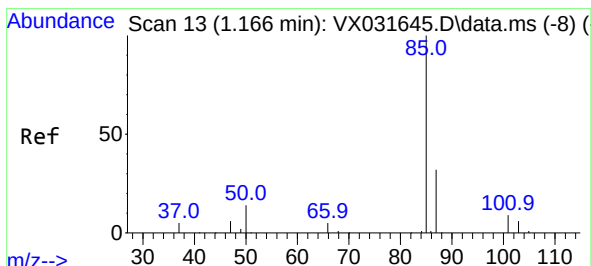
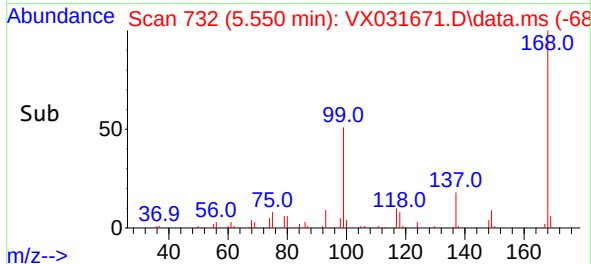
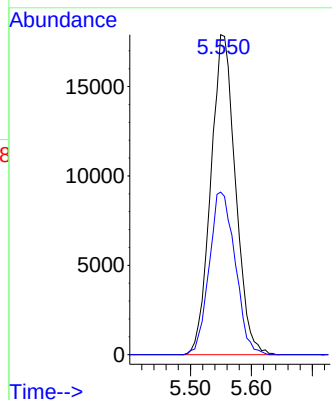


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031671.D
Acq: 27 Sep 2022 00:48

Instrument :
MSVOA_X
ClientSampleId :

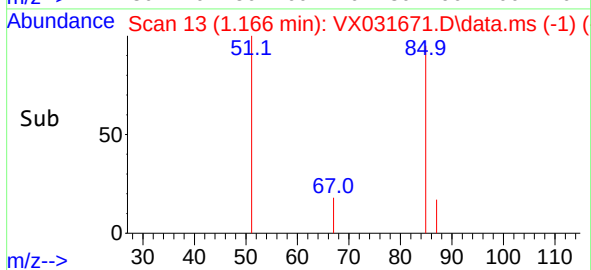
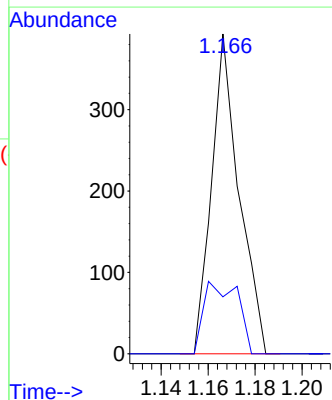
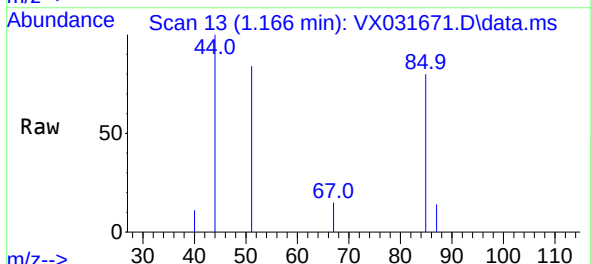


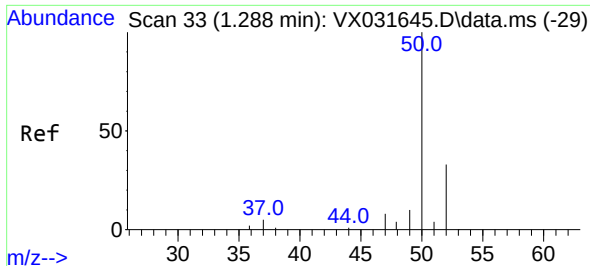
Tgt Ion:168 Resp: 50301
Ion Ratio Lower Upper
168 100
99 50.8 48.8 73.2



#2
Dichlorodifluoromethane
Concen: 0.521 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX031671.D
Acq: 27 Sep 2022 00:48

Tgt Ion: 85 Resp: 319
Ion Ratio Lower Upper
85 100
87 17.8 15.8 47.4

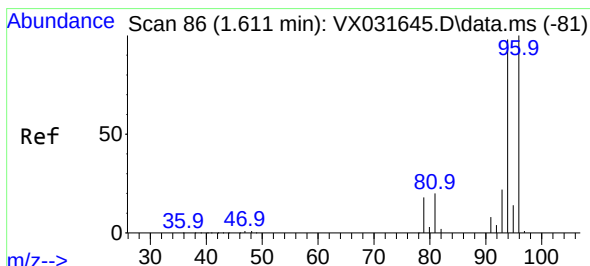
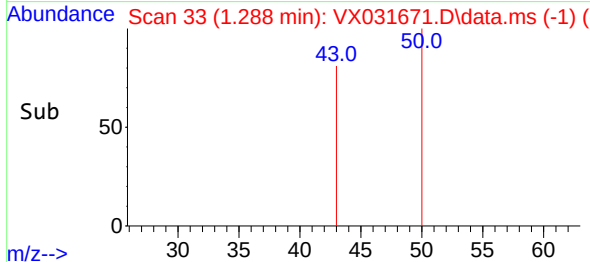
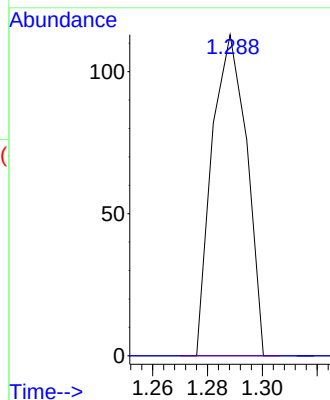
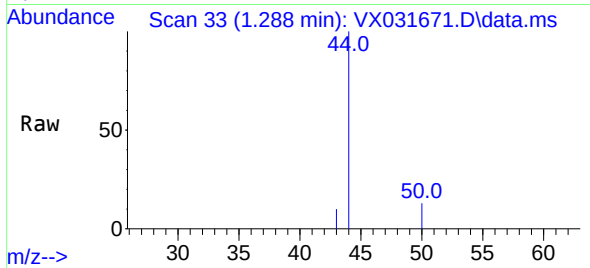




#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX031671.D
Acq: 27 Sep 2022 00:48

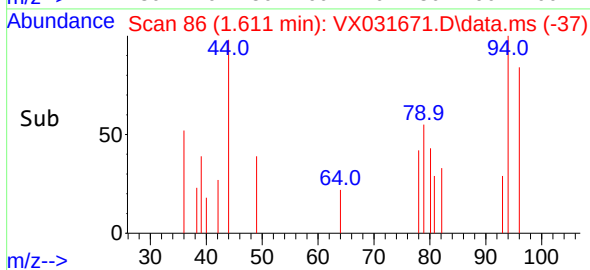
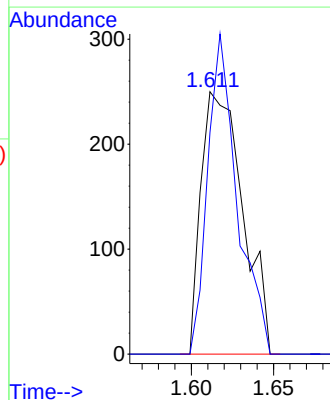
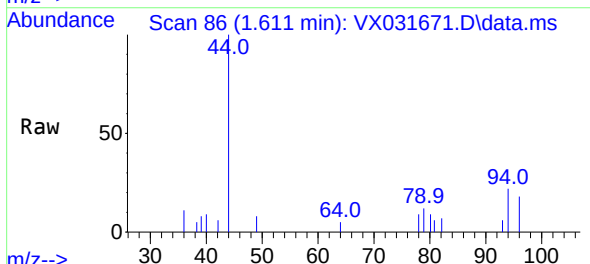
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 50 Resp: 99
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#

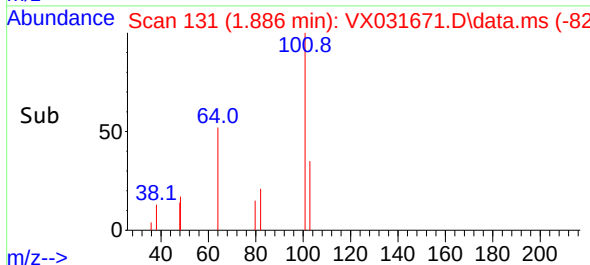
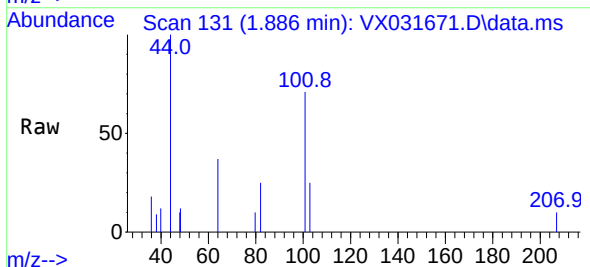
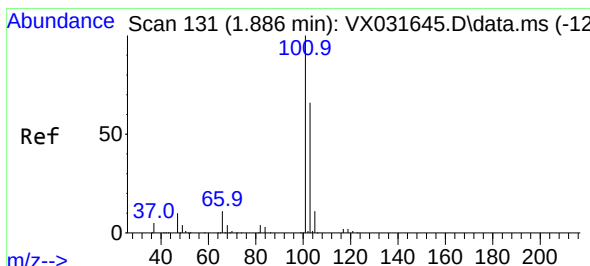
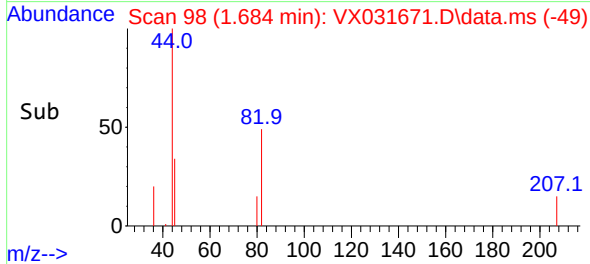
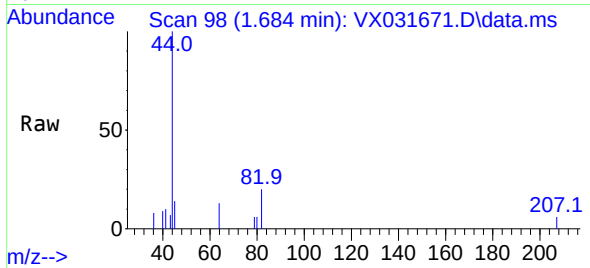
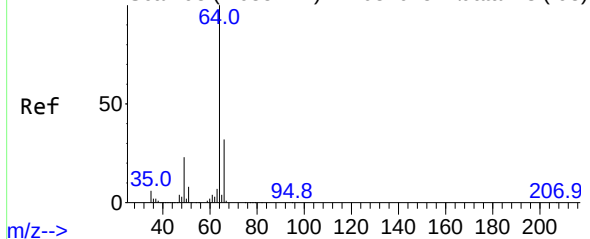


#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.000 min
Lab File: VX031671.D
Acq: 27 Sep 2022 00:48

Tgt Ion: 94 Resp: 442
Ion Ratio Lower Upper
94 100
96 84.4 74.4 111.6



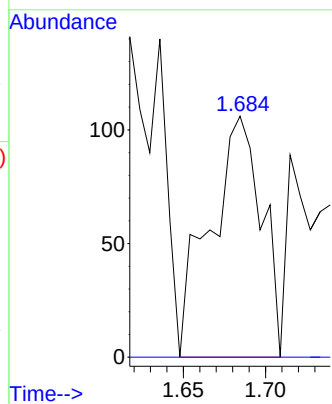
Abundance Scan 98 (1.685 min): VX031645.D\data.ms (-93)



#6
Chloroethane
Concen: Below Cal
RT: 1.684 min Scan# 91
Delta R.T. -0.001 min
Lab File: VX031671.D
Acq: 27 Sep 2022 00:48

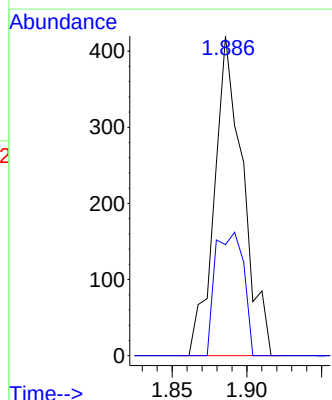
Instrument :
MSVOA_X
ClientSampleId :

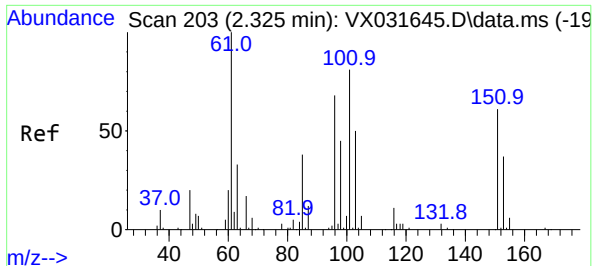
Tgt Ion: 64 Resp: 232
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#



#7
Trichlorofluoromethane
Concen: Below Cal
RT: 1.886 min Scan# 131
Delta R.T. -0.000 min
Lab File: VX031671.D
Acq: 27 Sep 2022 00:48

Tgt Ion: 101 Resp: 558
Ion Ratio Lower Upper
101 100
103 34.8 51.8 77.6#

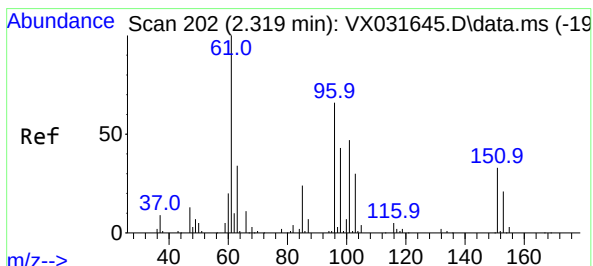
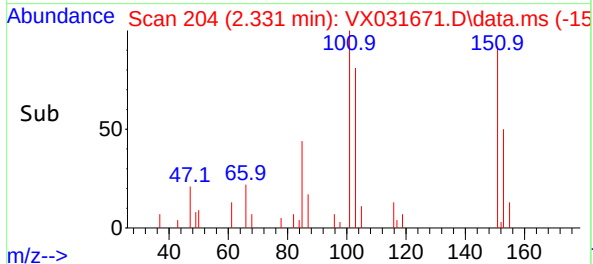
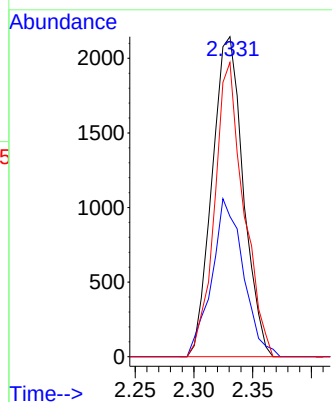
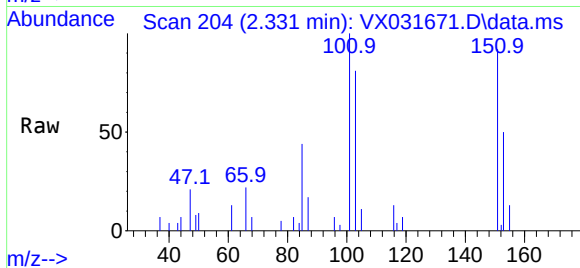




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.924 ug/l
RT: 2.331 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX031671.D
Acq: 27 Sep 2022 00:48

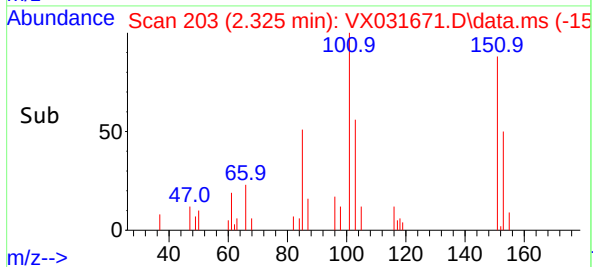
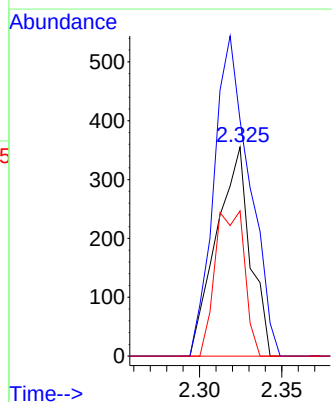
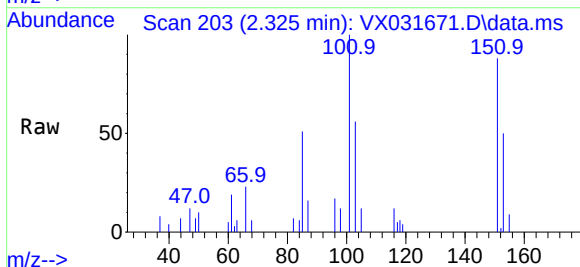
Instrument :
MSVOA_X
ClientSampleId :

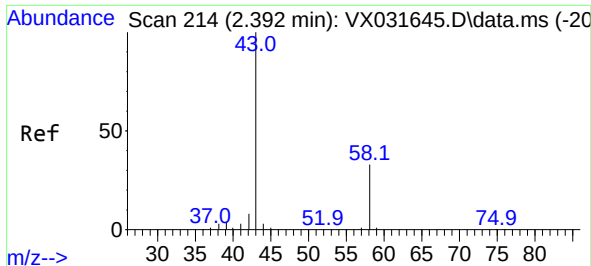
Tgt Ion:101 Resp: 3961
Ion Ratio Lower Upper
101 100
85 49.9 38.6 57.8
151 85.9 54.0 81.0#



#12
1,1-Dichloroethene
Concen: Below Cal
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX031671.D
Acq: 27 Sep 2022 00:48

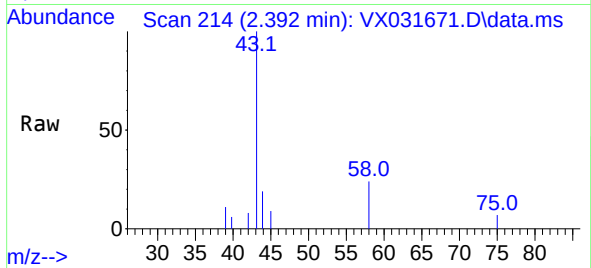
Tgt Ion: 96 Resp: 508
Ion Ratio Lower Upper
96 100
61 113.0 135.3 202.9#
98 69.6 49.4 74.2



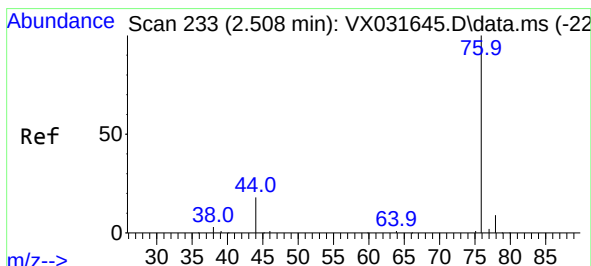
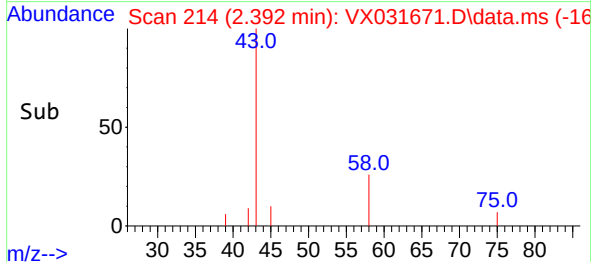
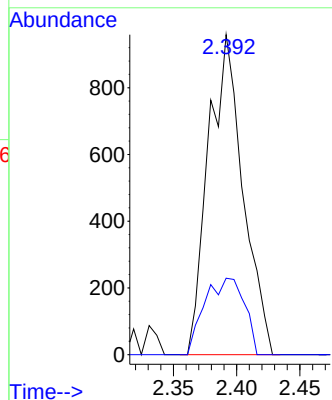


#16
Acetone
Concen: Below Cal
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX031671.D
Acq: 27 Sep 2022 00:48

Instrument :
MSVOA_X
ClientSampleId :

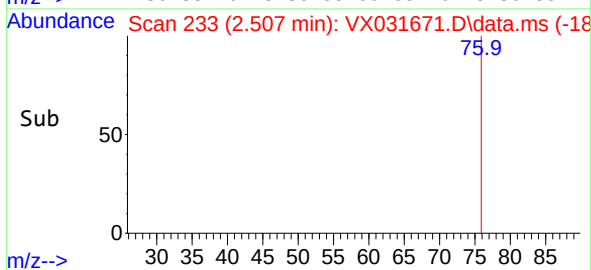
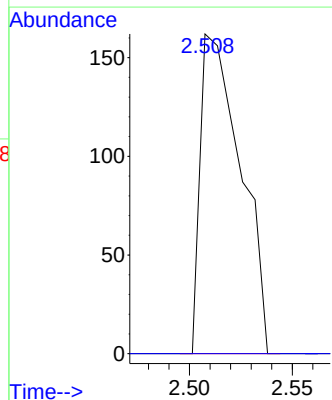
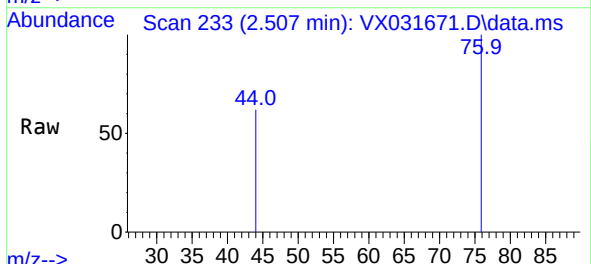


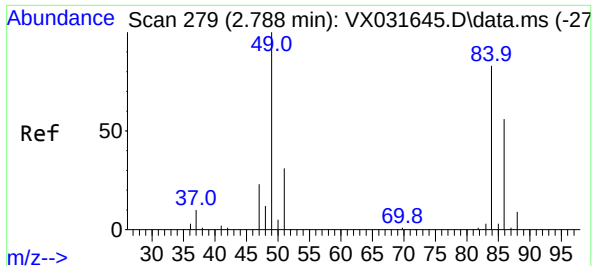
Tgt Ion: 43 Resp: 1824
Ion Ratio Lower Upper
43 100
58 23.9 23.8 35.8



#17
Carbon Disulfide
Concen: Below Cal
RT: 2.507 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX031671.D
Acq: 27 Sep 2022 00:48

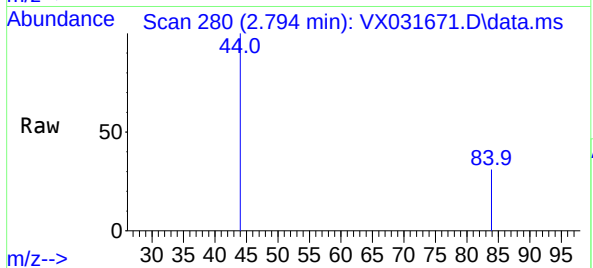
Tgt Ion: 76 Resp: 221
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



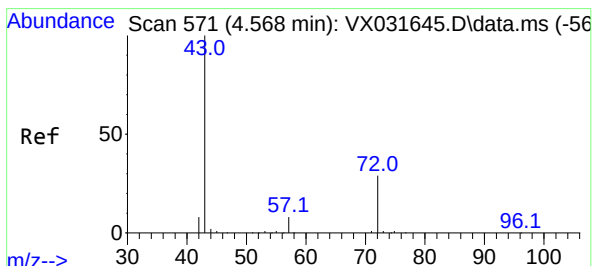
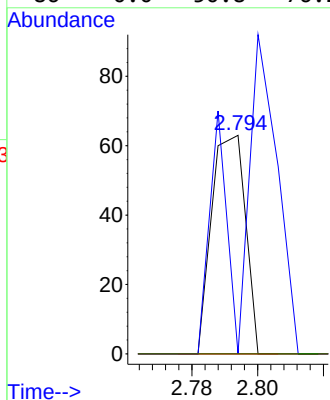


#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX031671.D
Acq: 27 Sep 2022 00:48

Instrument :
MSVOA_X
ClientSampleId :

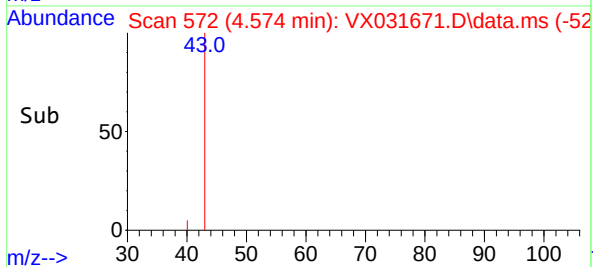
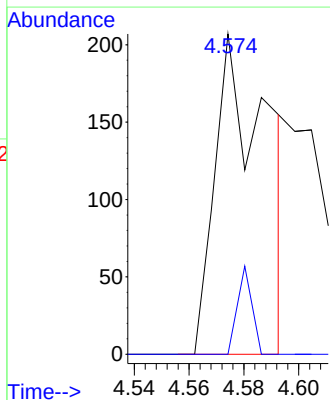
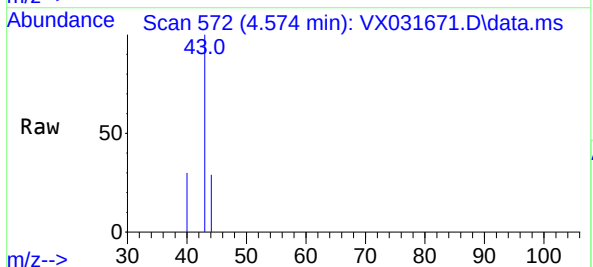


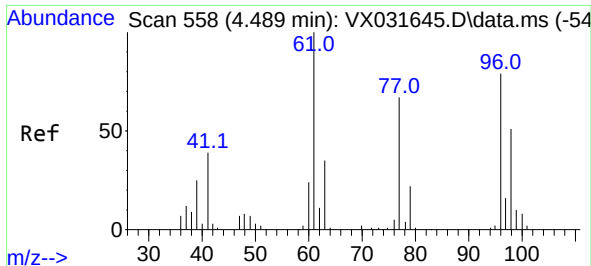
Tgt Ion:	84	Resp:	45
Ion	Ratio	Lower	Upper
84	100		
49	0.0	105.9	158.9#
51	0.0	32.2	48.2#
86	0.0	50.8	76.2#



#25
2-Butanone
Concen: 0.532 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.012 min
Lab File: VX031671.D
Acq: 27 Sep 2022 00:48

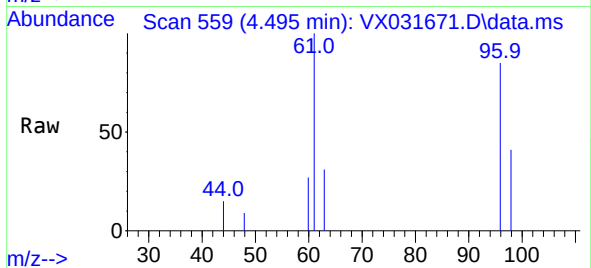
Tgt Ion:	43	Resp:	271
Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.1	31.7#





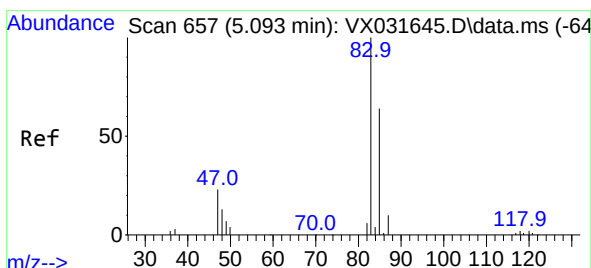
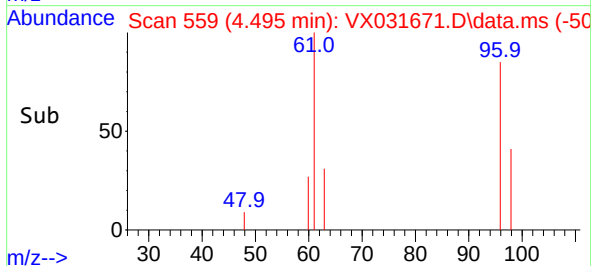
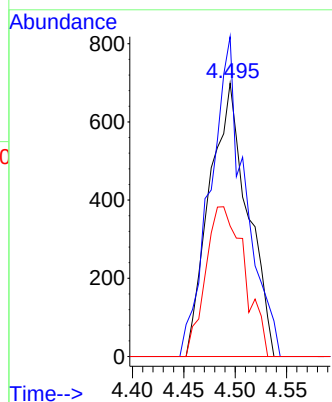
#27
 cis-1,2-Dichloroethene
 Concen: 1.987 ug/l
 RT: 4.495 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VX031671.D
 Acq: 27 Sep 2022 00:48

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 96 Resp: 1799

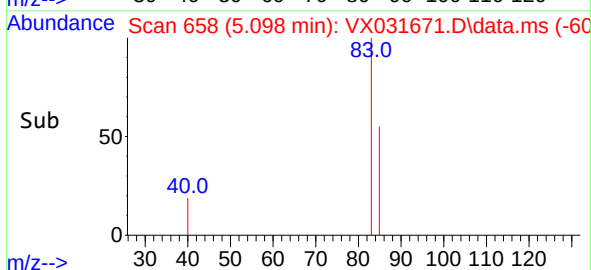
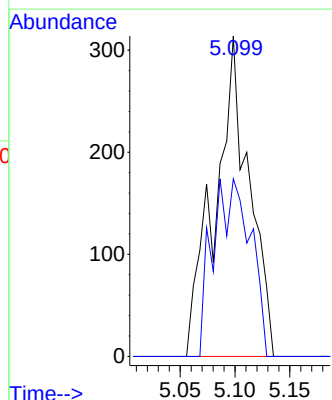
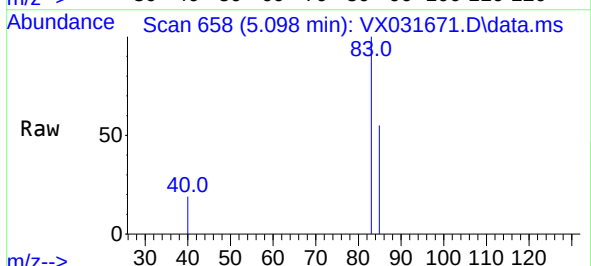
Ion	Ratio	Lower	Upper
96	100		
61	107.7	0.0	305.2
98	56.2	0.0	128.4

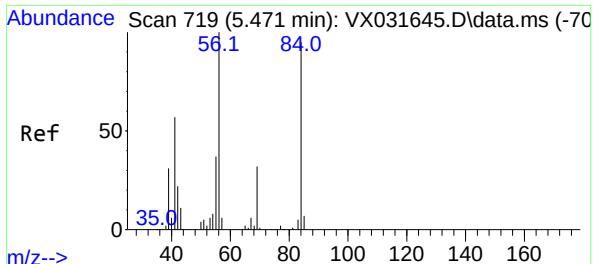


#30
 Chloroform
 Concen: 0.423 ug/l
 RT: 5.098 min Scan# 658
 Delta R.T. -0.001 min
 Lab File: VX031671.D
 Acq: 27 Sep 2022 00:48

Tgt Ion: 83 Resp: 680

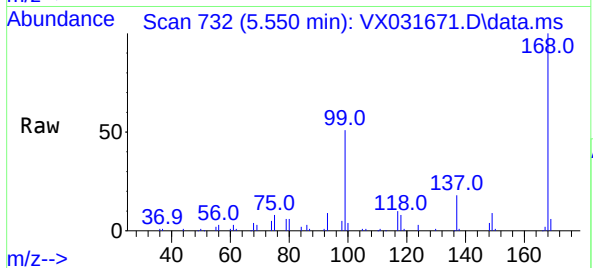
Ion	Ratio	Lower	Upper
83	100		
85	55.4	52.8	79.2



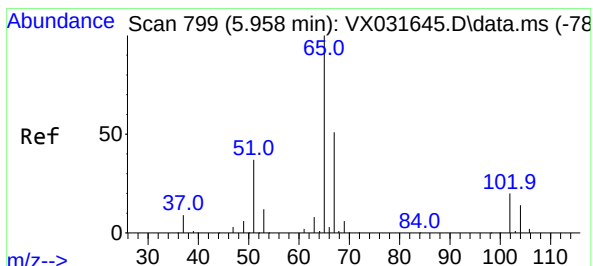
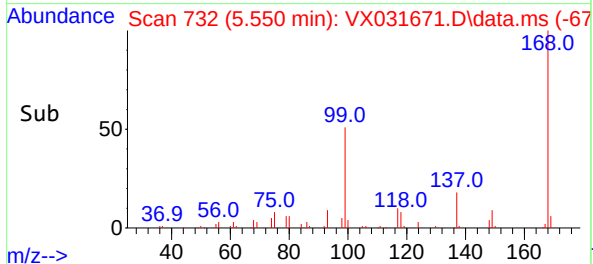
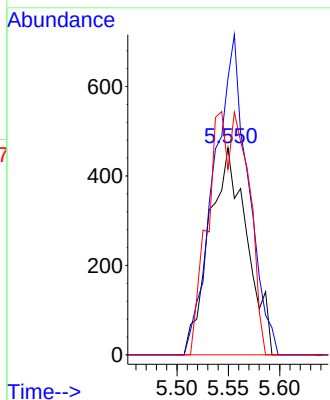


#31
Cyclohexane
Concen: 1.166 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX031671.D
Acq: 27 Sep 2022 00:48

Instrument :
MSVOA_X
ClientSampleId :

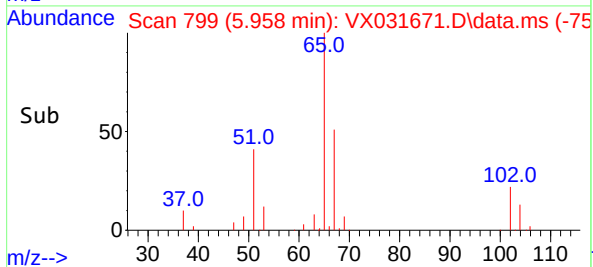
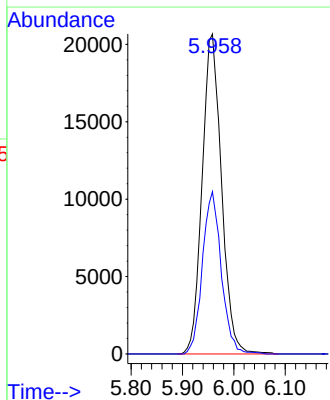
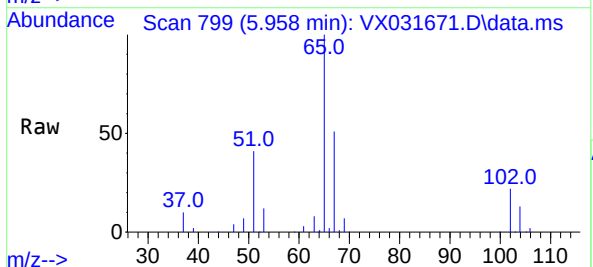


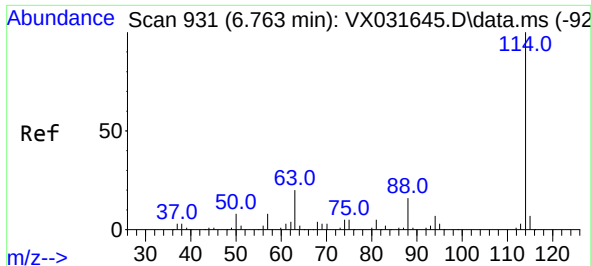
Tgt Ion: 56 Resp: 1184
Ion Ratio Lower Upper
56 100
69 133.5 25.1 37.7#
84 89.6 70.2 105.4



#33
1,2-Dichloroethane-d4
Concen: 50.717 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031671.D
Acq: 27 Sep 2022 00:48

Tgt Ion: 65 Resp: 54145
Ion Ratio Lower Upper
65 100
67 49.4 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX031671.D

Acq: 27 Sep 2022 00:48

Instrument :

MSVOA_X

ClientSampleId :

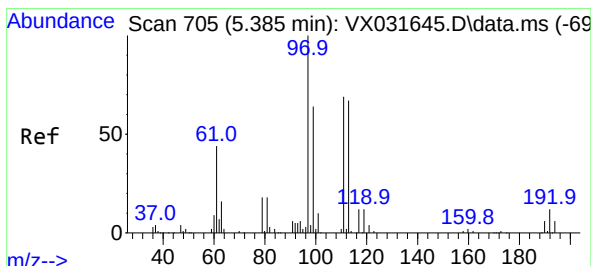
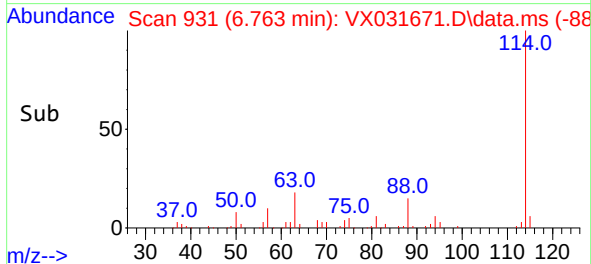
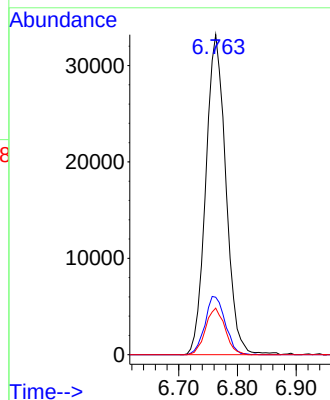
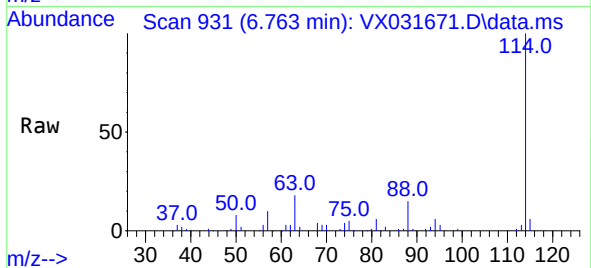
Tgt Ion:114 Resp: 78705

Ion Ratio Lower Upper

114 100

63 18.0 0.0 42.6

88 14.6 0.0 33.0



#35

Dibromofluoromethane

Concen: 46.928 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX031671.D

Acq: 27 Sep 2022 00:48

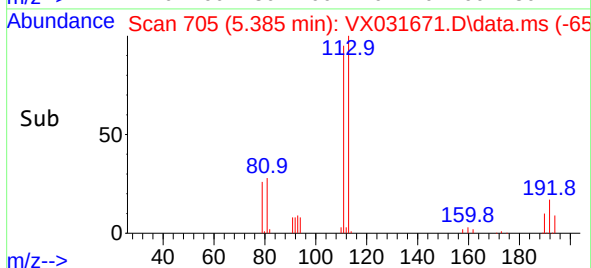
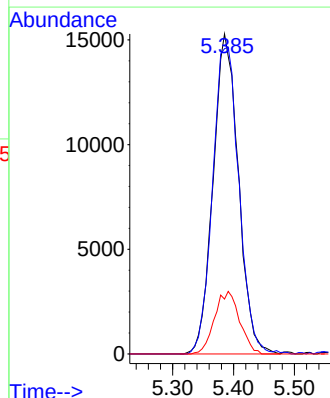
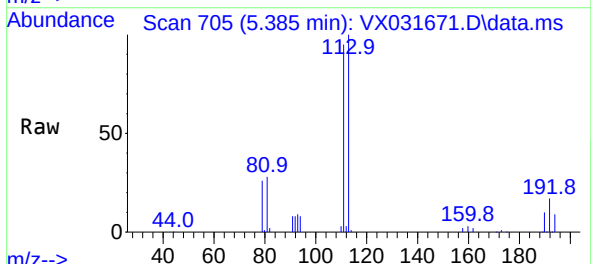
Tgt Ion:113 Resp: 44008

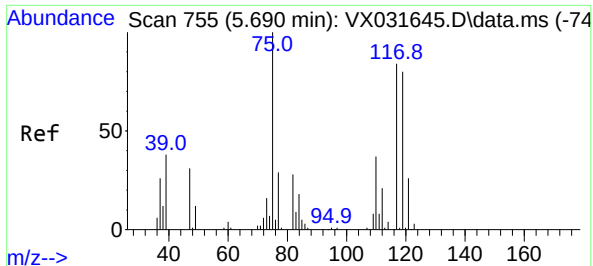
Ion Ratio Lower Upper

113 100

111 100.4 82.4 123.6

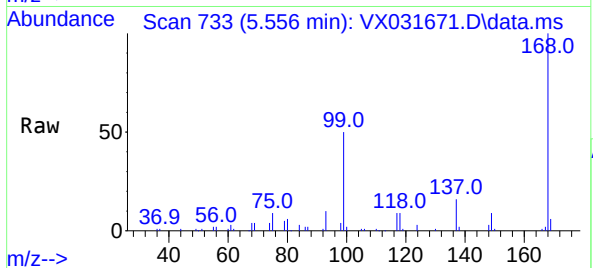
192 19.3 14.1 21.1



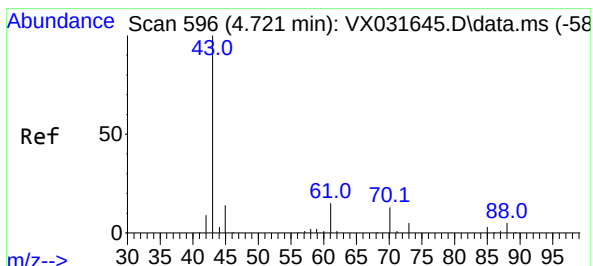
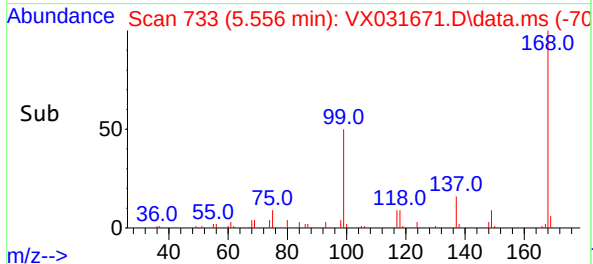
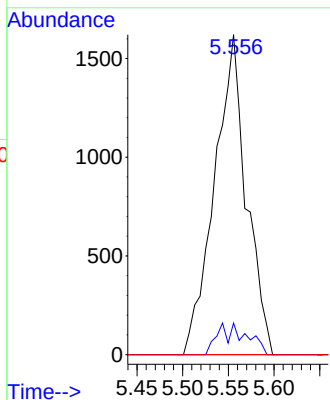


#36
1,1-Dichloropropene
Concen: 3.650 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX031671.D
Acq: 27 Sep 2022 00:48

Instrument :
MSVOA_X
ClientSampleId :

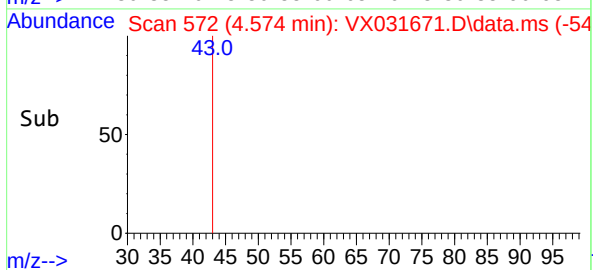
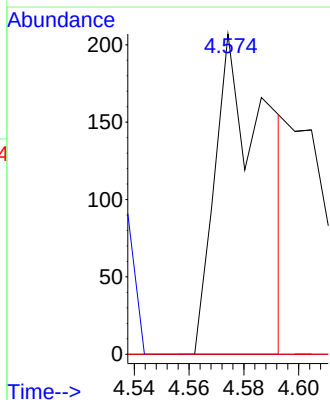
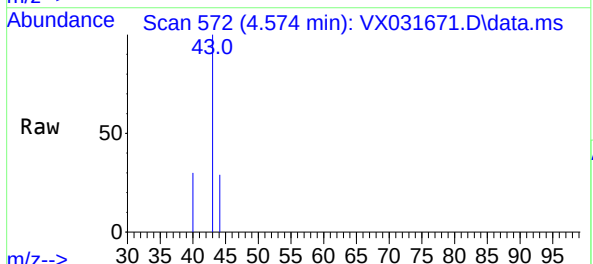


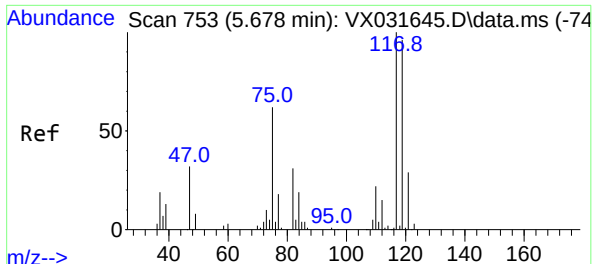
Tgt Ion: 75 Resp: 3931
Ion Ratio Lower Upper
75 100
110 3.5 17.5 52.5#
77 0.0 24.9 37.3#



#37
Ethyl Acetate
Concen: 0.249 ug/l
RT: 4.574 min Scan# 572
Delta R.T. -0.147 min
Lab File: VX031671.D
Acq: 27 Sep 2022 00:48

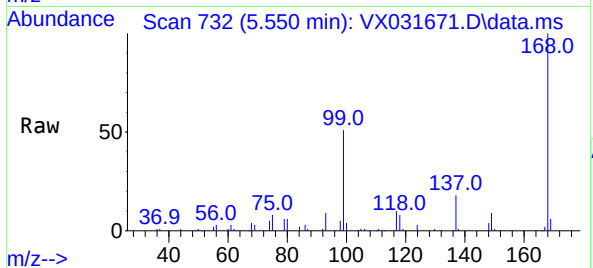
Tgt Ion: 43 Resp: 271
Ion Ratio Lower Upper
43 100
61 0.0 11.1 16.7#
70 0.0 8.6 13.0#



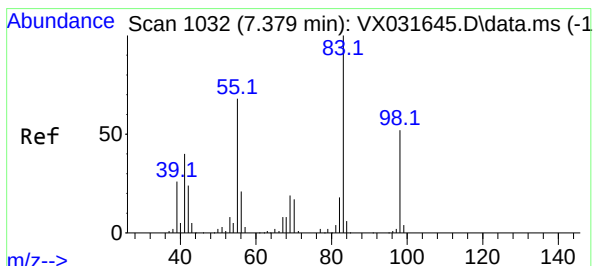
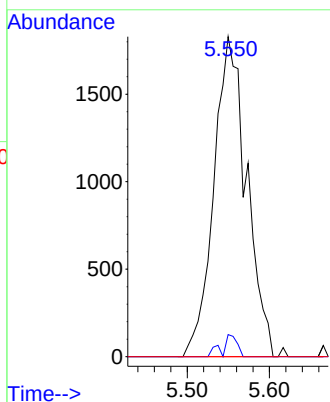
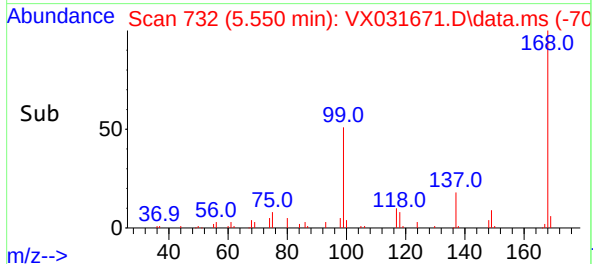


#38
Carbon Tetrachloride
Concen: 4.171 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX031671.D
Acq: 27 Sep 2022 00:48

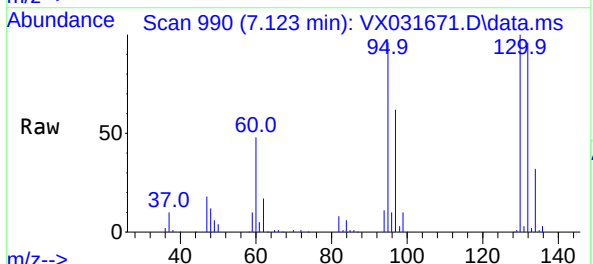
Instrument :
MSVOA_X
ClientSampleId :



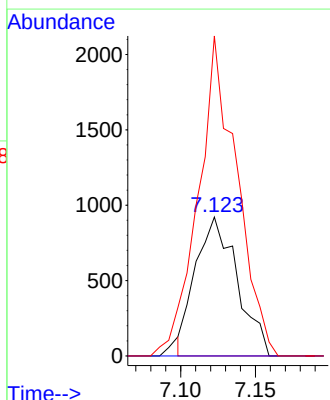
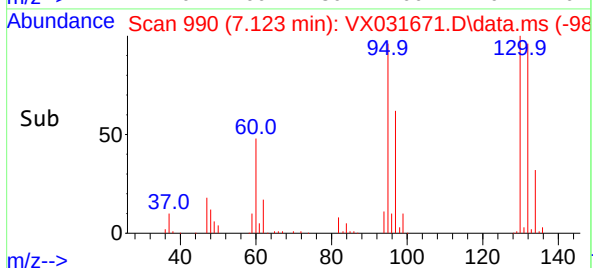
Tgt Ion:117 Resp: 5062
Ion Ratio Lower Upper
117 100
119 6.9 74.6 112.0#
121 0.0 25.3 37.9#

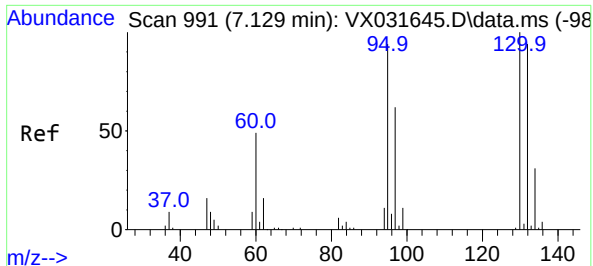


#39
Methylcyclohexane
Concen: 1.452 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.262 min
Lab File: VX031671.D
Acq: 27 Sep 2022 00:48



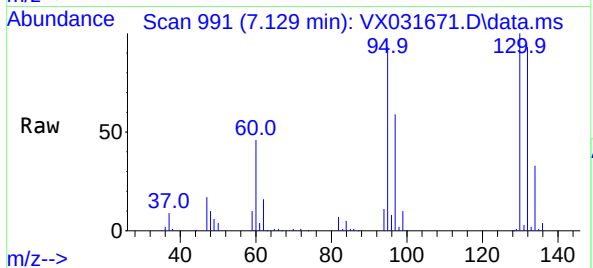
Tgt Ion: 83 Resp: 1782
Ion Ratio Lower Upper
83 100
55 0.0 61.0 91.4#
98 230.5 37.7 56.5#



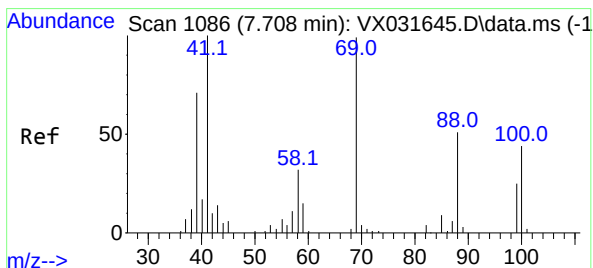
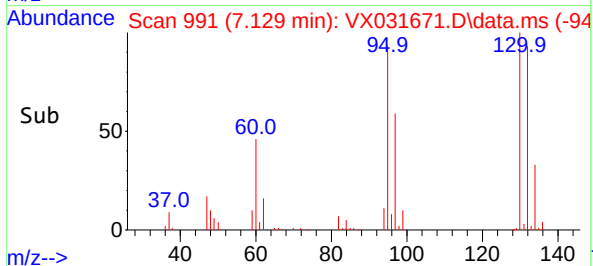
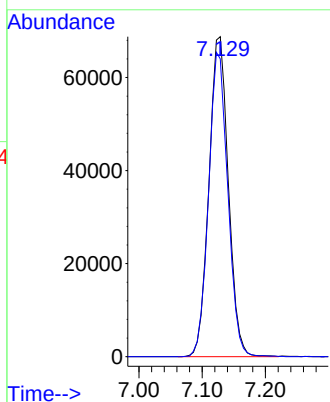


#44
Trichloroethene
Concen: 156.921 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX031671.D
Acq: 27 Sep 2022 00:48

Instrument :
MSVOA_X
ClientSampleId :

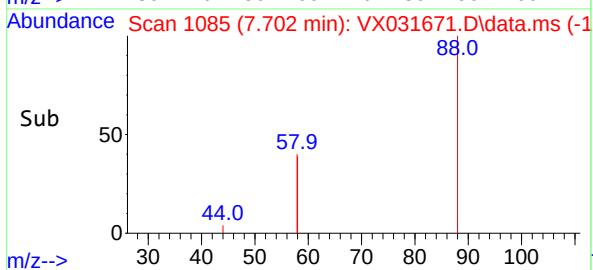
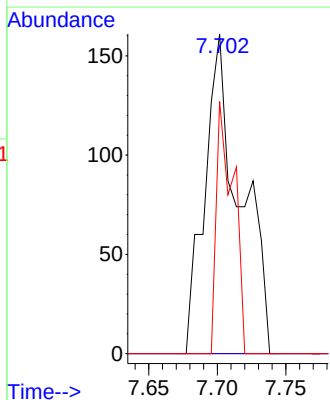
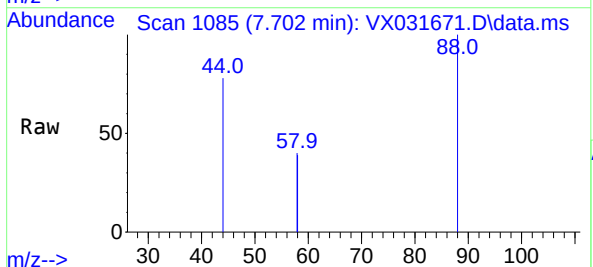


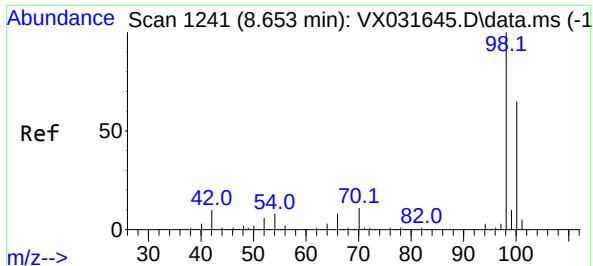
Tgt Ion:130 Resp: 146608
Ion Ratio Lower Upper
130 100
95 93.1 0.0 206.8



#49
1,4-Dioxane
Concen: Below Cal
RT: 7.702 min Scan# 1085
Delta R.T. 0.018 min
Lab File: VX031671.D
Acq: 27 Sep 2022 00:48

Tgt Ion: 88 Resp: 288
Ion Ratio Lower Upper
88 100
43 0.0 27.1 40.7#
58 38.2 53.9 80.9#

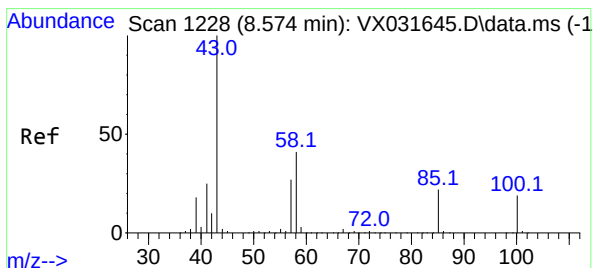
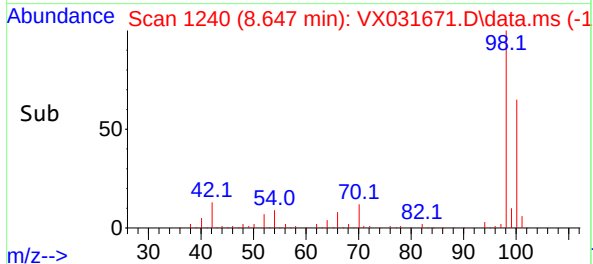
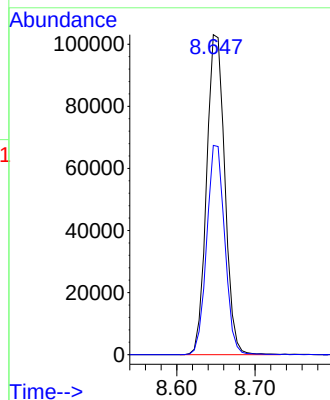
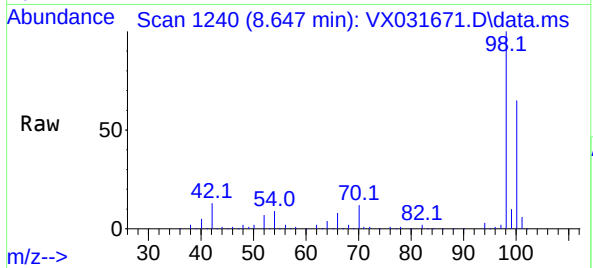




#50
Toluene-d8
Concen: 48.813 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX031671.D
Acq: 27 Sep 2022 00:48

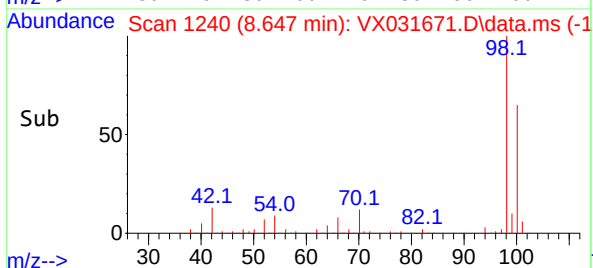
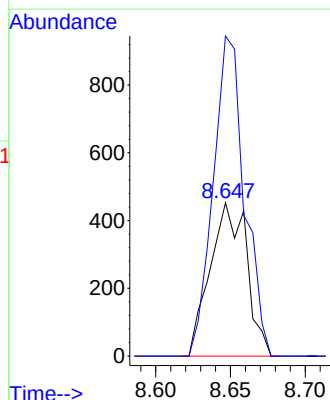
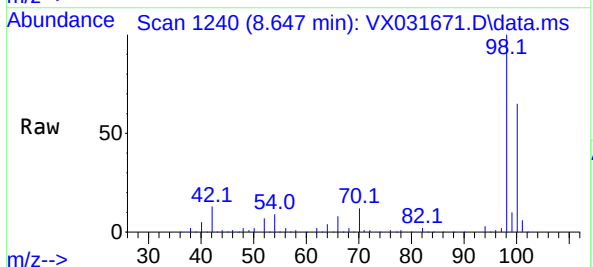
Instrument :
MSVOA_X
ClientSampleId :

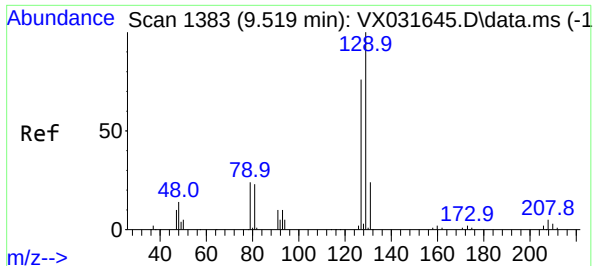
Tgt Ion: 98 Resp: 165959
Ion Ratio Lower Upper
98 100
100 64.9 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.711 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX031671.D
Acq: 27 Sep 2022 00:48

Tgt Ion: 43 Resp: 769
Ion Ratio Lower Upper
43 100
58 179.2 30.6 46.0#

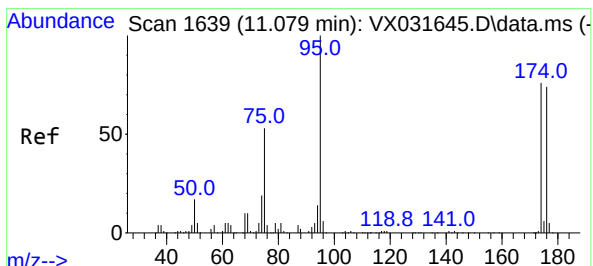
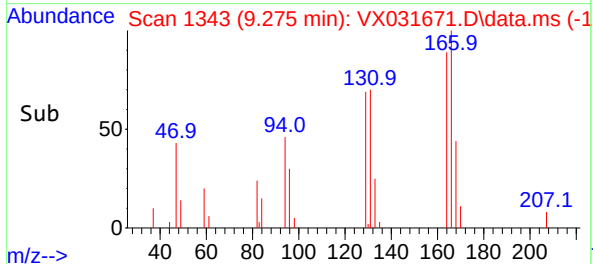
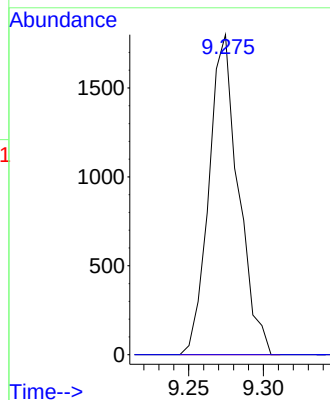
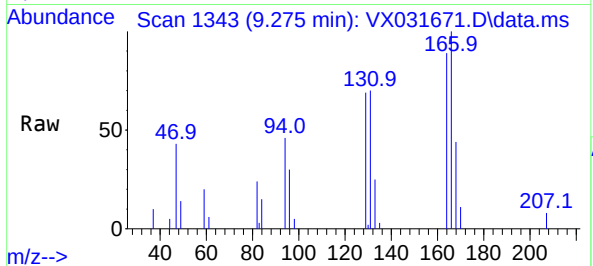




#60
Dibromochloromethane
Concen: 3.699 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX031671.D
Acq: 27 Sep 2022 00:48

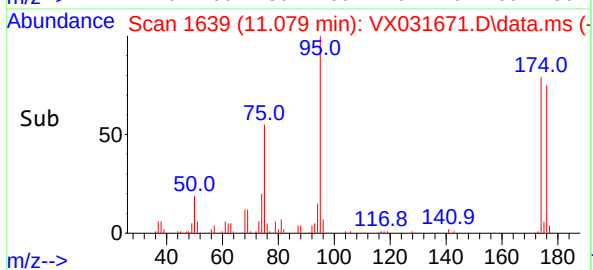
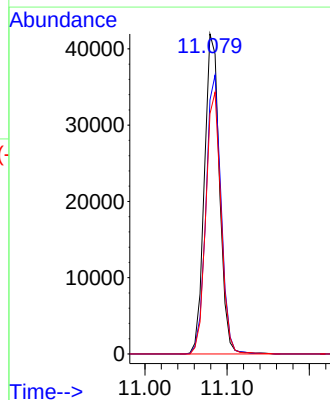
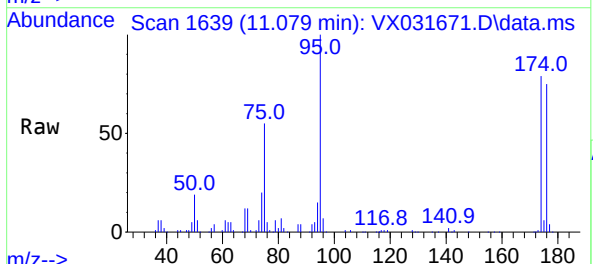
Instrument :
MSVOA_X
ClientSampleId :

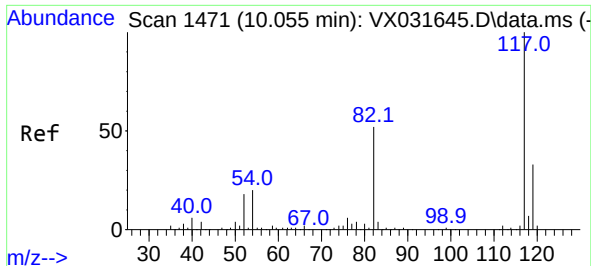
Tgt Ion:129 Resp: 2469
Ion Ratio Lower Upper
129 100
127 0.0 38.7 116.1#



#62
4-Bromofluorobenzene
Concen: 42.912 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031671.D
Acq: 27 Sep 2022 00:48

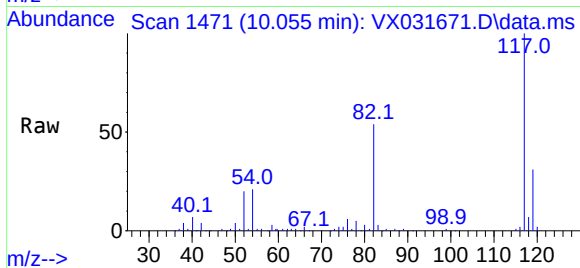
Tgt Ion: 95 Resp: 53473
Ion Ratio Lower Upper
95 100
174 87.2 0.0 153.2
176 82.5 0.0 144.0



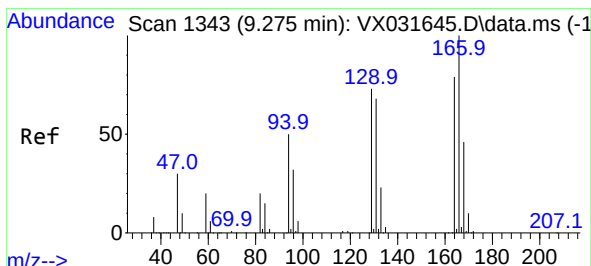
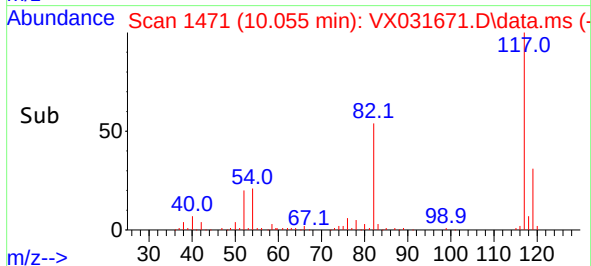
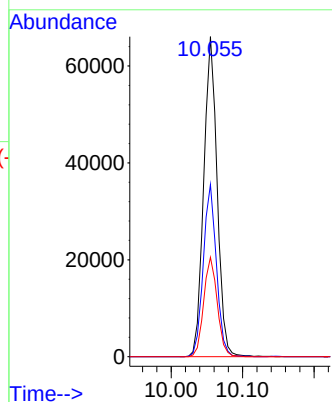


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031671.D
Acq: 27 Sep 2022 00:48

Instrument :
MSVOA_X
ClientSampleId :

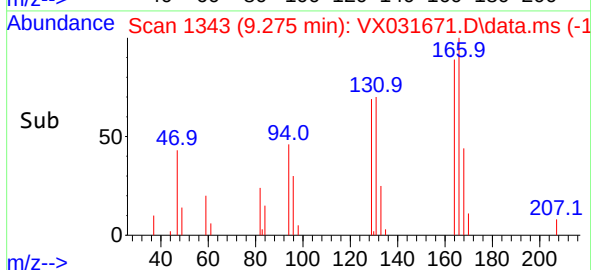
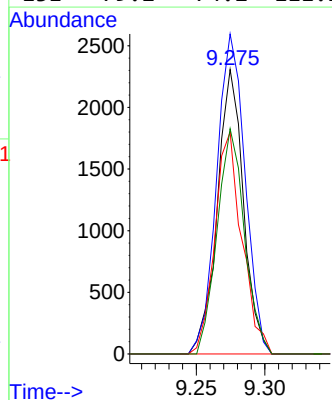
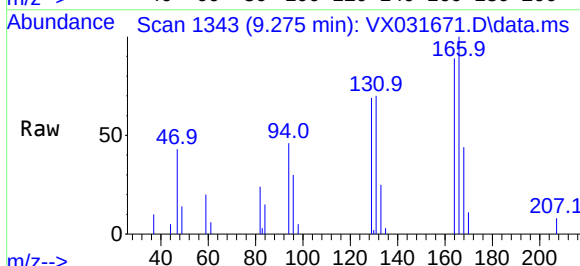


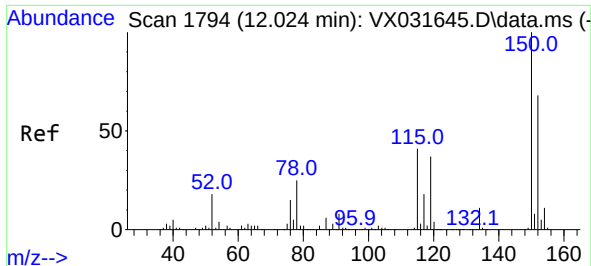
Tgt Ion:117 Resp: 86175
Ion Ratio Lower Upper
117 100
82 53.8 46.8 70.2
119 31.1 26.4 39.6



#64
Tetrachloroethene
Concen: 3.316 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX031671.D
Acq: 27 Sep 2022 00:48

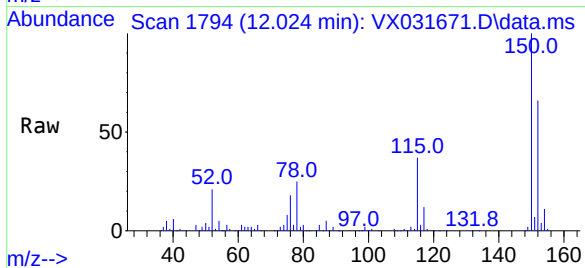
Tgt Ion:164 Resp: 3054
Ion Ratio Lower Upper
164 100
166 112.5 99.0 148.4
129 78.0 78.0 117.0#
131 79.2 74.2 111.2



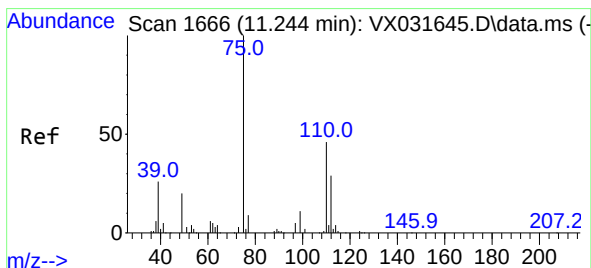
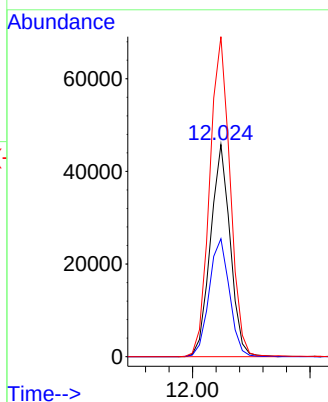
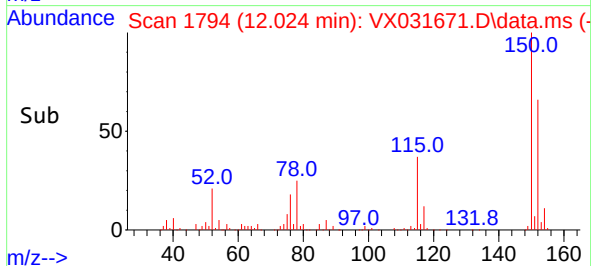


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031671.D
Acq: 27 Sep 2022 00:48

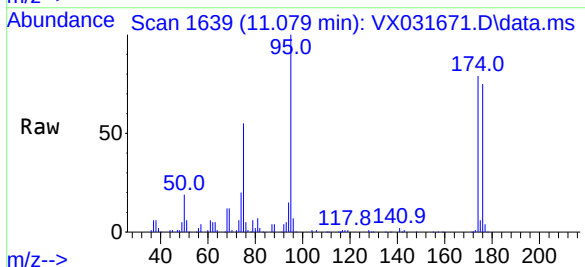
Instrument :
MSVOA_X
ClientSampleId :



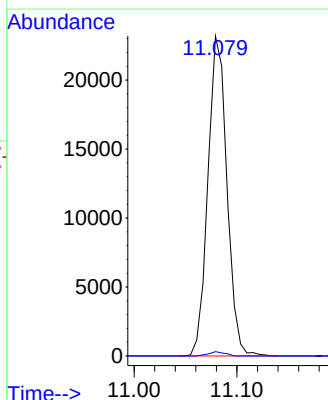
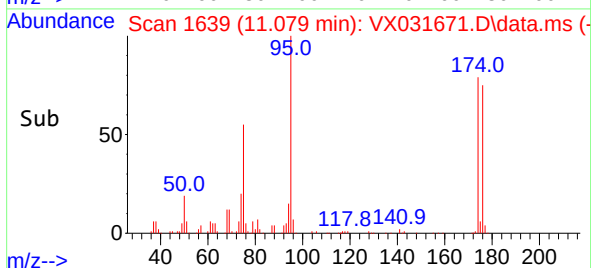
Tgt Ion:152 Resp: 53373
Ion Ratio Lower Upper
152 100
115 57.4 43.4 130.1
150 156.2 0.0 346.8

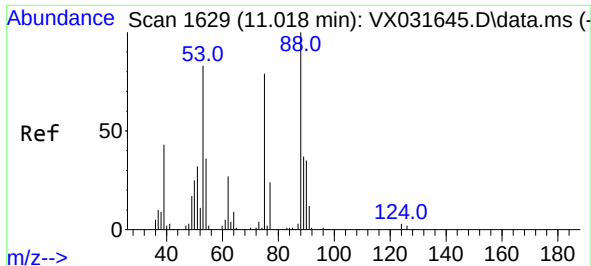


#76
1,2,3-Trichloropropane
Concen: 30.790 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031671.D
Acq: 27 Sep 2022 00:48



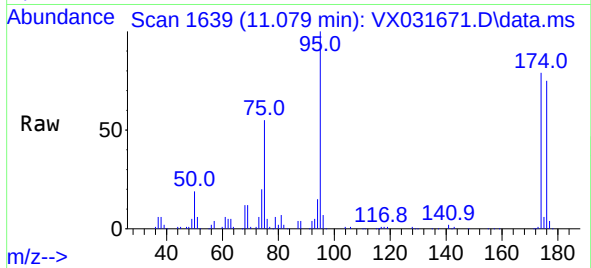
Tgt Ion: 75 Resp: 29792
Ion Ratio Lower Upper
75 100
77 1.1 20.3 60.9#





#81
trans-1,4-Dichloro-2-butene
Concen: 101.406 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX031671.D
Acq: 27 Sep 2022 00:48

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 29792
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

