

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092622\
 Data File : VX031674.D
 Acq On : 27 Sep 2022 01:58
 Operator : JC/MD
 Sample : N4791-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 27 04:41:02 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)

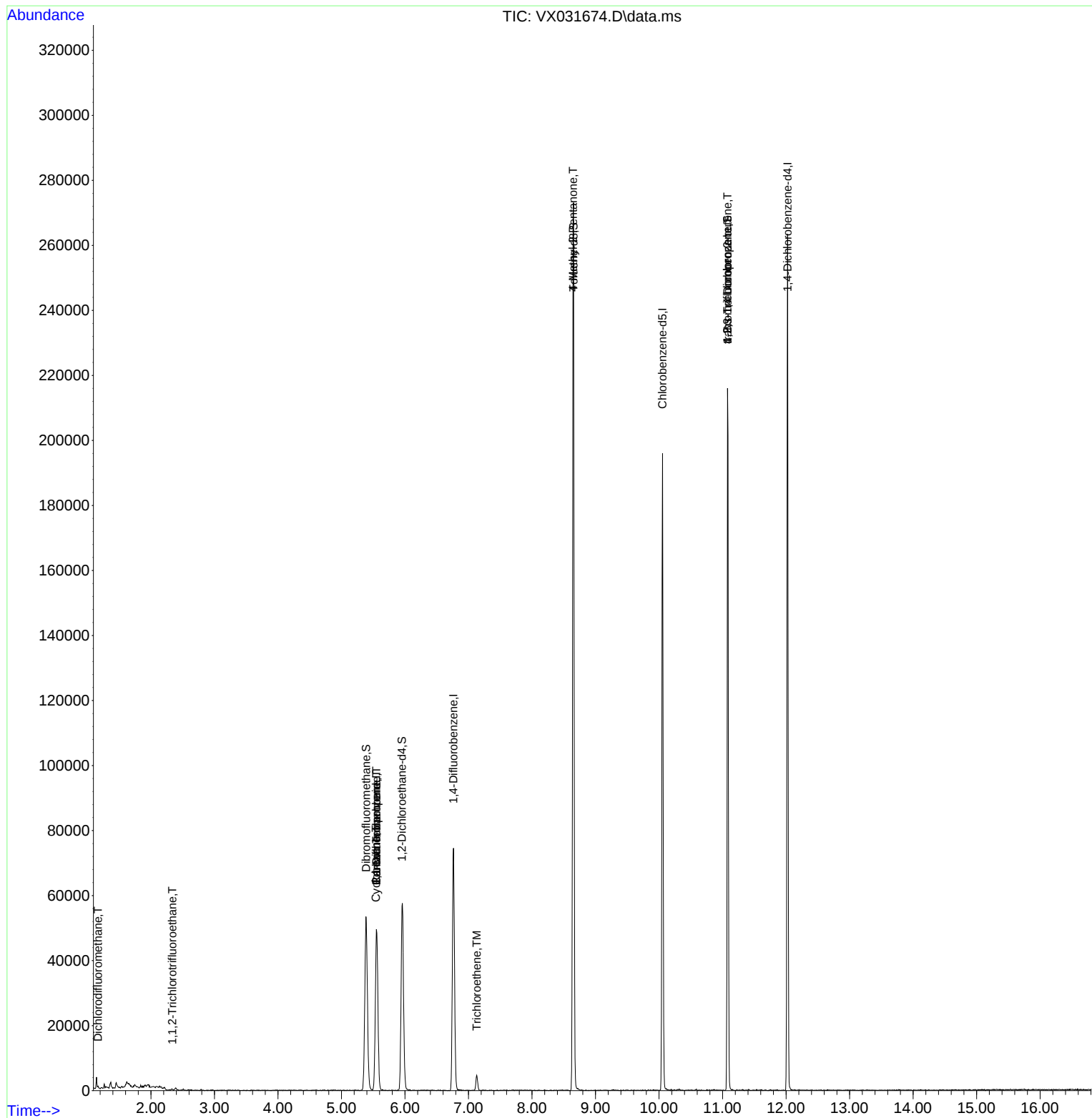
Internal Standards						
1) Pentafluorobenzene	5.550	168	47249	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	76244	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	83544	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	50836	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	54314	54.161	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.320%	
35) Dibromofluoromethane	5.385	113	44561	49.051	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.100%	
50) Toluene-d8	8.653	98	161003	48.884	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.760%	
62) 4-Bromofluorobenzene	11.079	95	50267	41.641	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 83.280%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	385	0.670	ug/l	94
3) Chloromethane	1.288	50	267	Below Cal	#	41
5) Bromomethane	1.611	94	409	Below Cal	#	50
6) Chloroethane	1.685	64	96	Below Cal	#	43
9) 1,1,2-Trichlorotrifluo...	2.337	101	198	0.315	ug/l #	71
16) Acetone	2.386	43	847	Below Cal		94
17) Carbon Disulfide	2.508	76	317	Below Cal	#	75
20) Methylene Chloride	2.788	84	104	Below Cal	#	48
31) Cyclohexane	5.544	56	1180	1.238	ug/l #	16
36) 1,1-Dichloropropene	5.550	75	3849	3.689	ug/l #	45
38) Carbon Tetrachloride	5.550	117	5023	4.272	ug/l #	13
44) Trichloroethene	7.129	130	1747	1.930	ug/l	69
49) 1,4-Dioxane	7.708	88	55	Below Cal	#	24
51) 4-Methyl-2-Pentanone	8.647	43	677	0.646	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	27975	30.355	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	27975	100.016	ug/l #	11

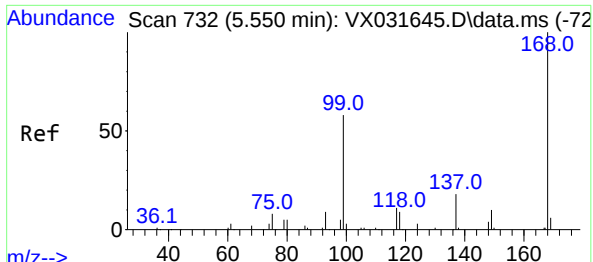
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092622\
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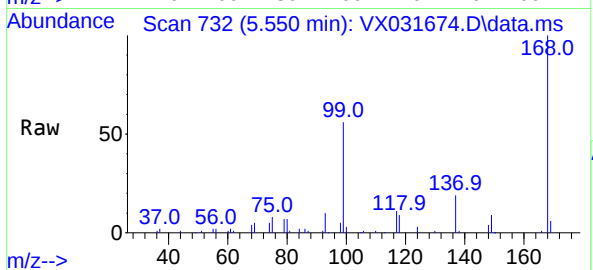
Quant Time: Sep 27 04:41:02 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 27 01:44:18 2022
Response via : Initial Calibration



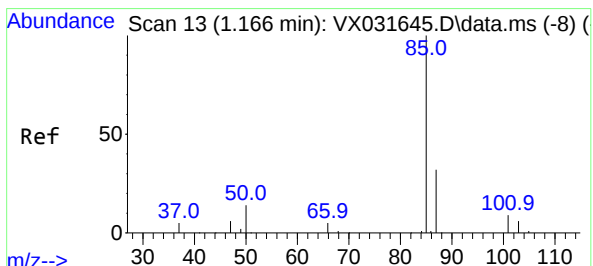
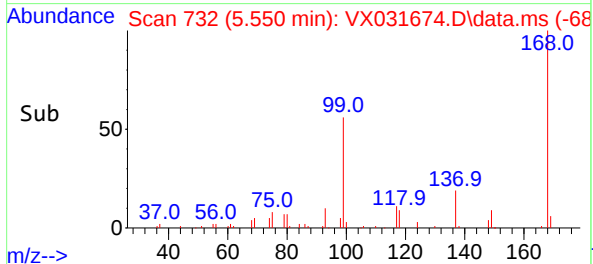
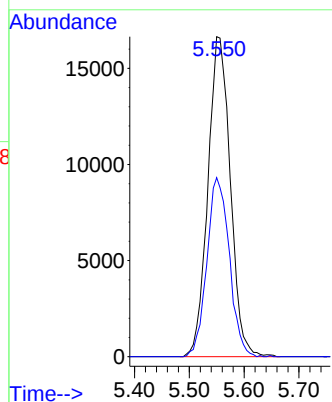


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031674.D
Acq: 27 Sep 2022 01:58

Instrument :
MSVOA_X
ClientSampleId :

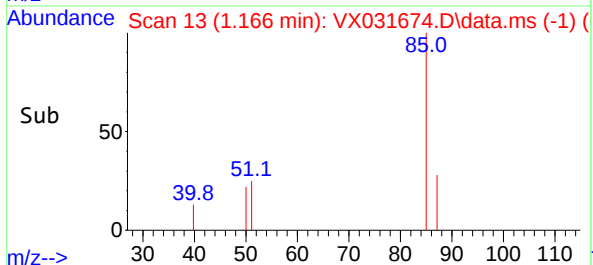
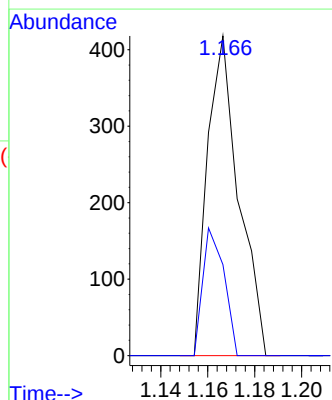
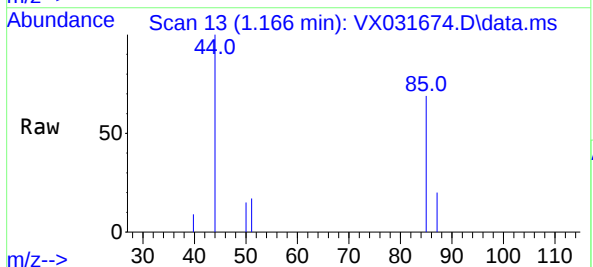


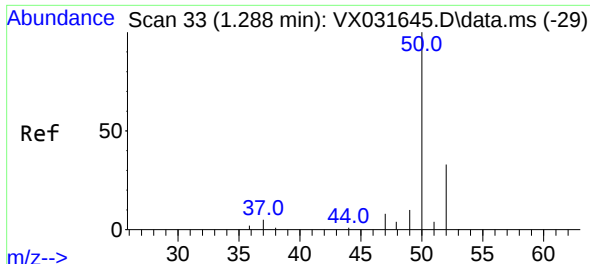
Tgt Ion:168 Resp: 47249
Ion Ratio Lower Upper
168 100
99 56.0 48.8 73.2



#2
Dichlorodifluoromethane
Concen: 0.670 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX031674.D
Acq: 27 Sep 2022 01:58

Tgt Ion: 85 Resp: 385
Ion Ratio Lower Upper
85 100
87 28.5 15.8 47.4

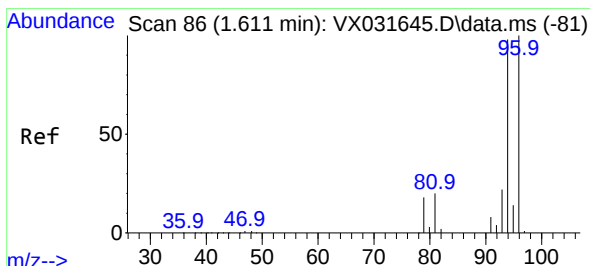
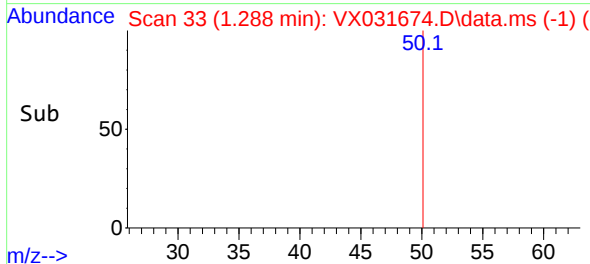
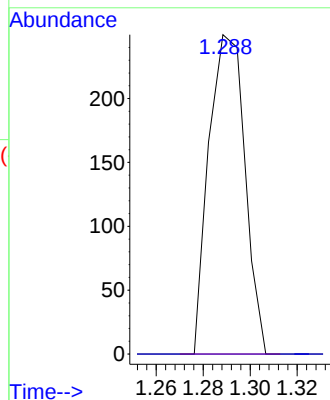
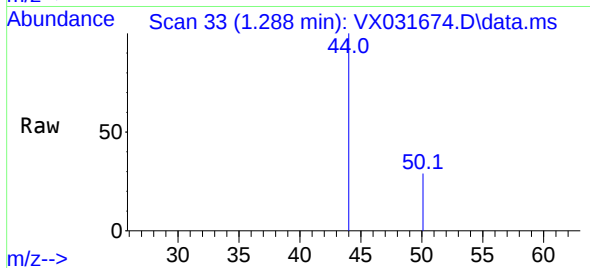




#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX031674.D
Acq: 27 Sep 2022 01:58

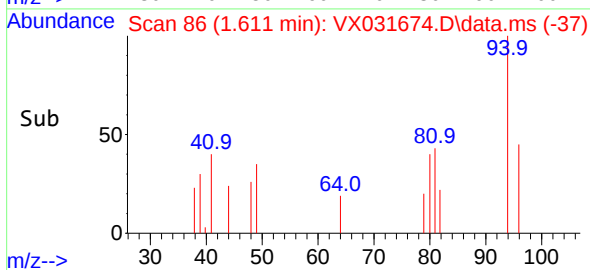
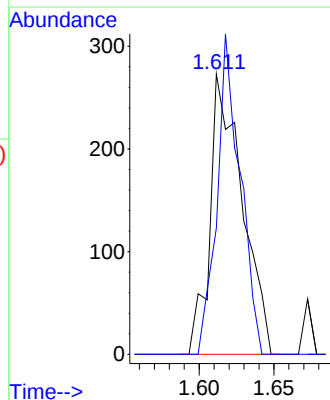
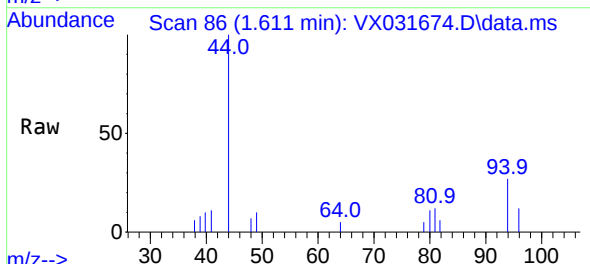
Instrument :
MSVOA_X
ClientSampleId :

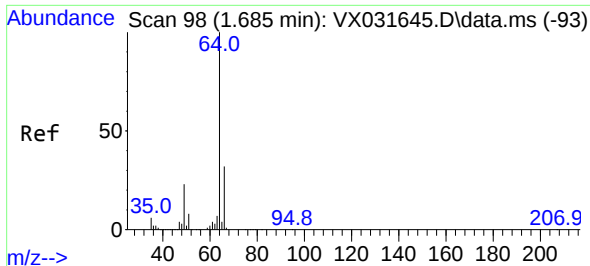
Tgt Ion: 50 Resp: 267
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.000 min
Lab File: VX031674.D
Acq: 27 Sep 2022 01:58

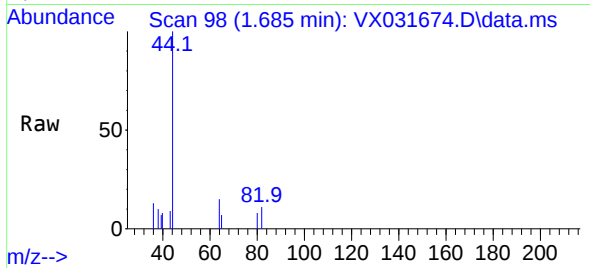
Tgt Ion: 94 Resp: 409
Ion Ratio Lower Upper
94 100
96 45.1 74.4 111.6#



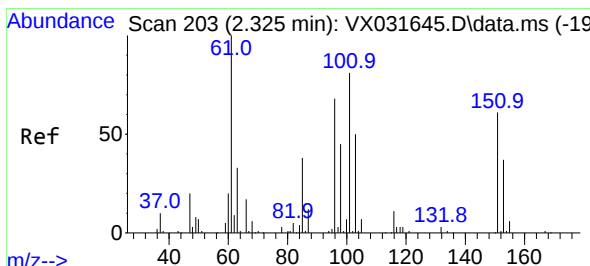
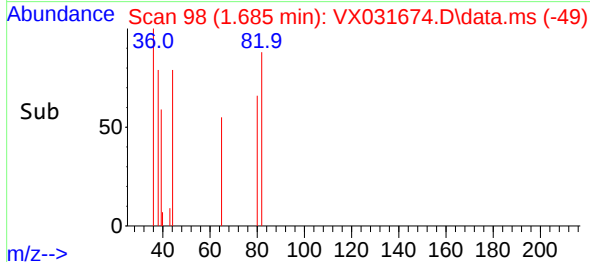
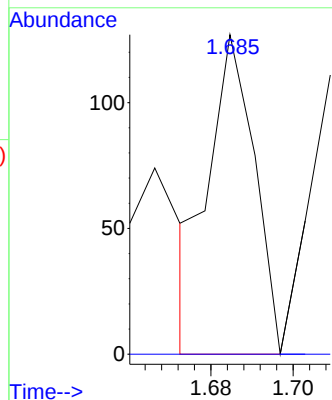


#6
Chloroethane
Concen: Below Cal
RT: 1.685 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX031674.D
Acq: 27 Sep 2022 01:58

Instrument :
MSVOA_X
ClientSampleId :

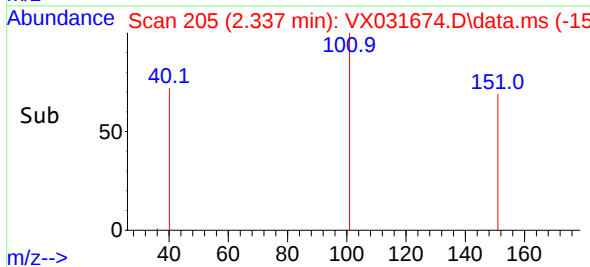
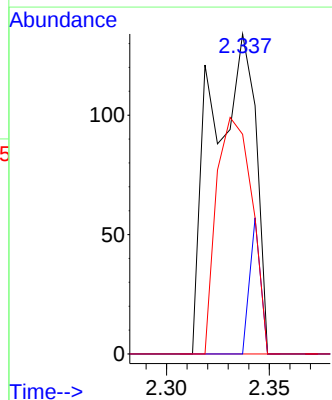
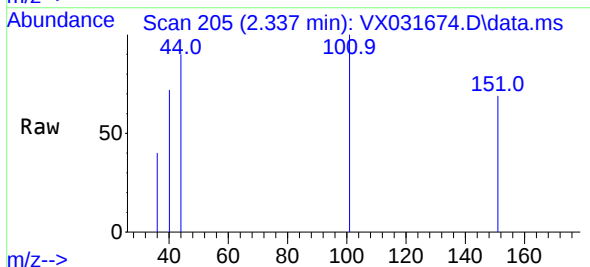


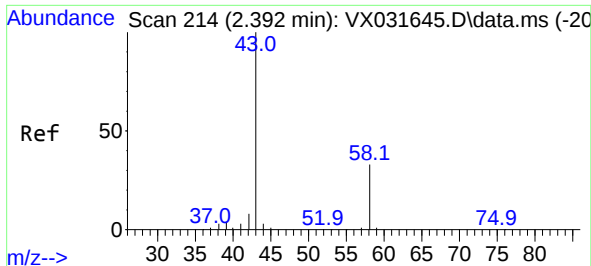
Tgt Ion: 64 Resp: 96
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.315 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.006 min
Lab File: VX031674.D
Acq: 27 Sep 2022 01:58

Tgt Ion: 101 Resp: 198
Ion Ratio Lower Upper
101 100
85 10.6 38.6 57.8#
151 60.1 54.0 81.0

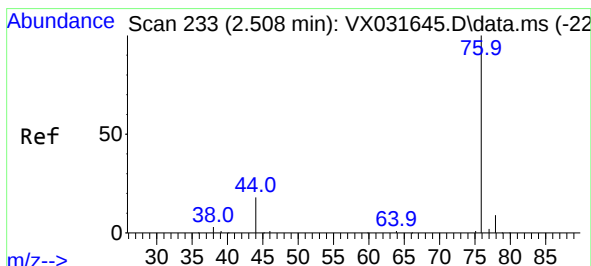
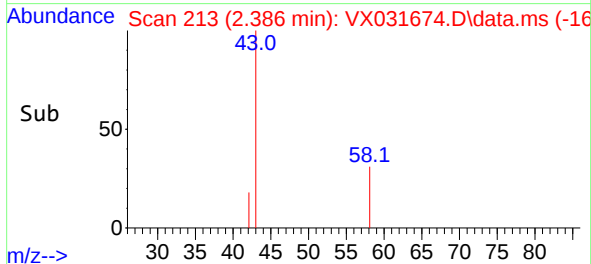
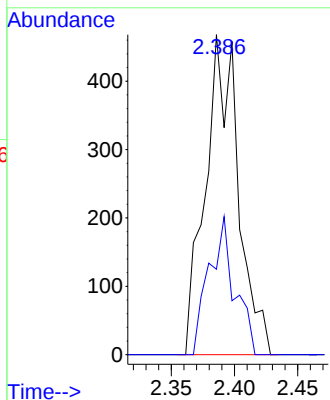
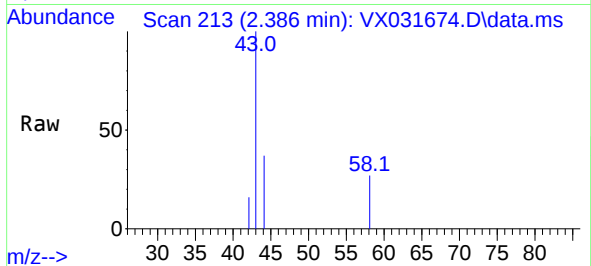




#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX031674.D
Acq: 27 Sep 2022 01:58

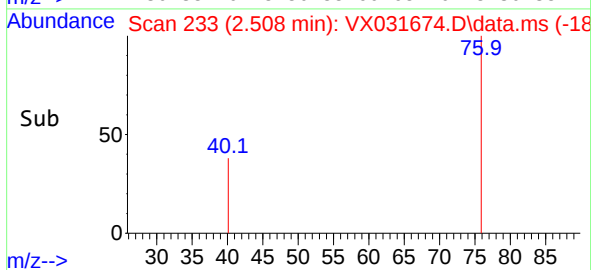
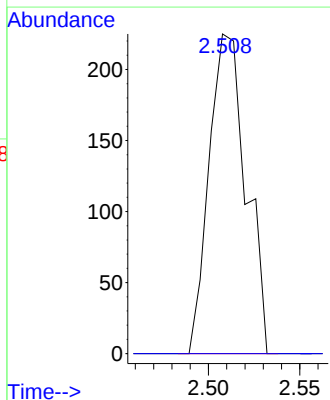
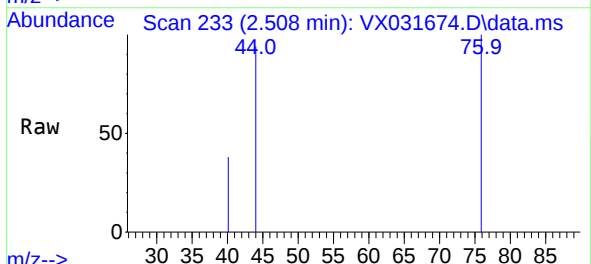
Instrument :
MSVOA_X
ClientSampleId :

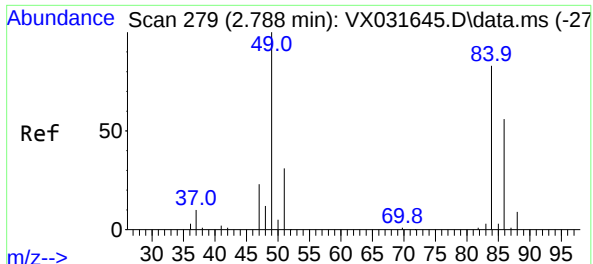
Tgt Ion: 43 Resp: 847
Ion Ratio Lower Upper
43 100
58 26.7 23.8 35.8



#17
Carbon Disulfide
Concen: Below Cal
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX031674.D
Acq: 27 Sep 2022 01:58

Tgt Ion: 76 Resp: 317
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

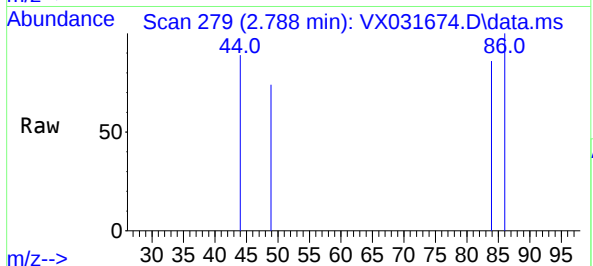
Lab File: VX031674.D

Acq: 27 Sep 2022 01:58

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 104

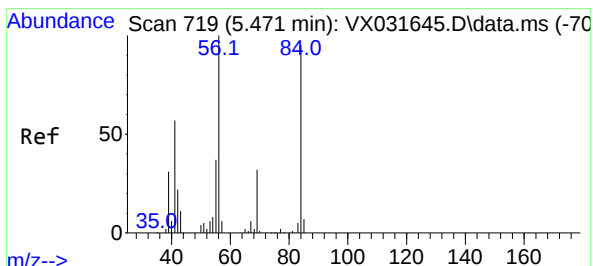
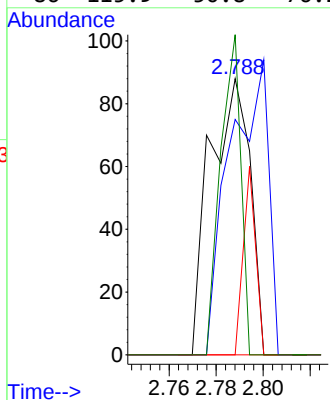
Ion Ratio Lower Upper

84 100

49 85.2 105.9 158.9#

51 0.0 32.2 48.2#

86 115.9 50.8 76.2#



#31

Cyclohexane

Concen: 1.238 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.073 min

Lab File: VX031674.D

Acq: 27 Sep 2022 01:58

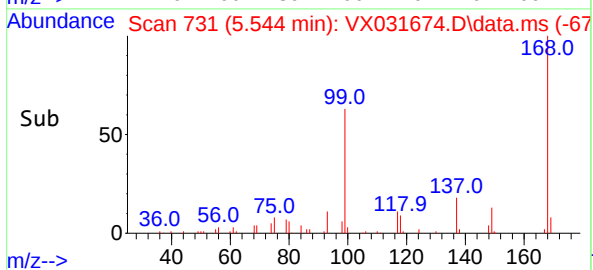
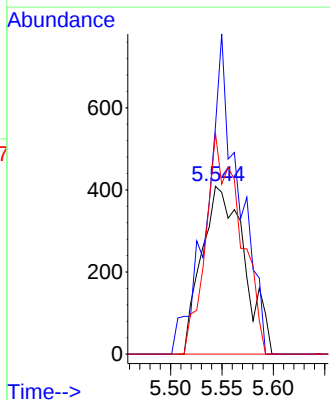
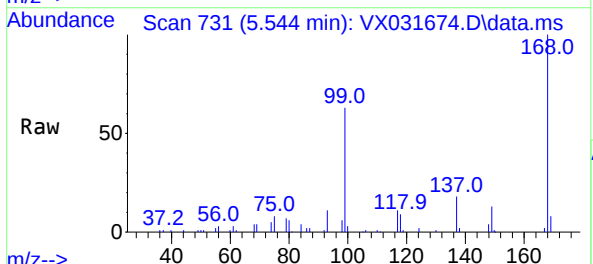
Tgt Ion: 56 Resp: 1180

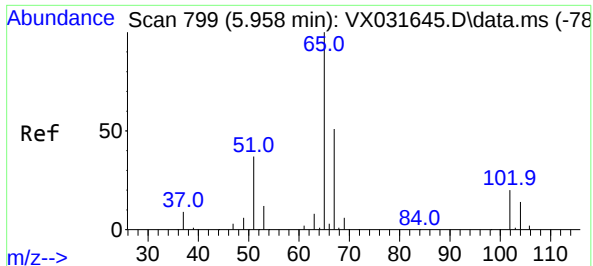
Ion Ratio Lower Upper

56 100

69 135.9 25.1 37.7#

84 131.5 70.2 105.4#





#33

1,2-Dichloroethane-d4

Concen: 54.161 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX031674.D

Acq: 27 Sep 2022 01:58

Instrument :

MSVOA_X

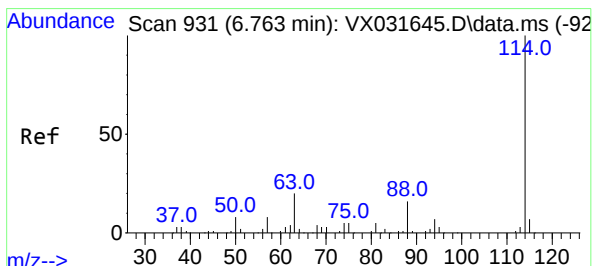
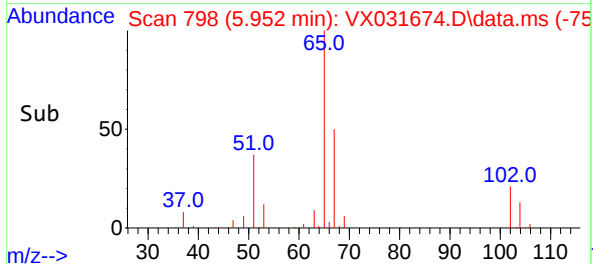
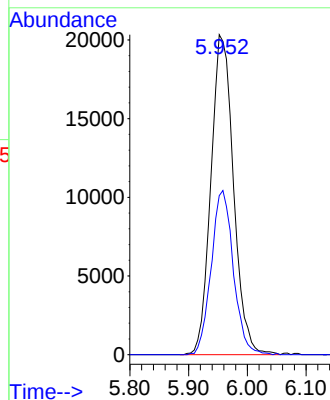
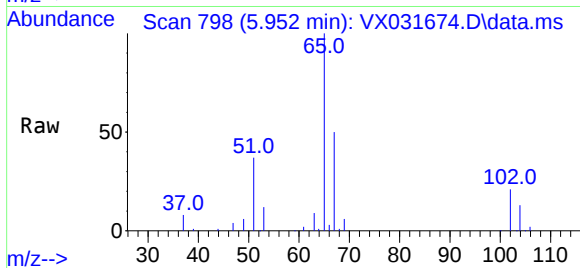
ClientSampleId :

Tgt Ion: 65 Resp: 54314

Ion Ratio Lower Upper

65 100

67 50.4 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: VX031674.D

Acq: 27 Sep 2022 01:58

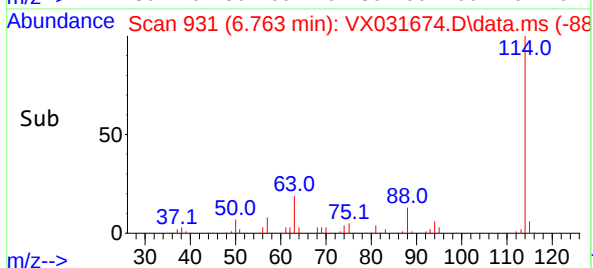
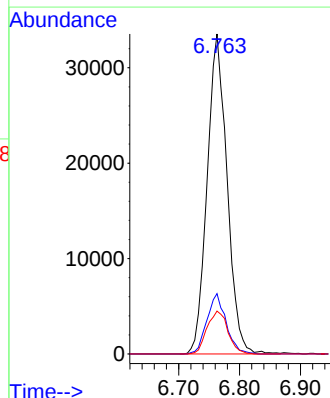
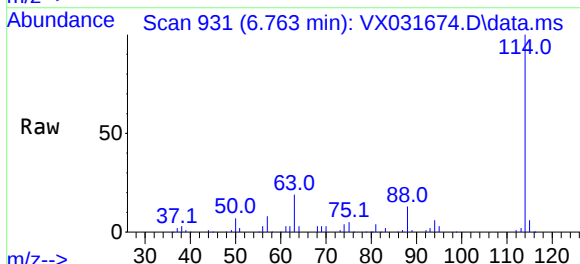
Tgt Ion: 114 Resp: 76244

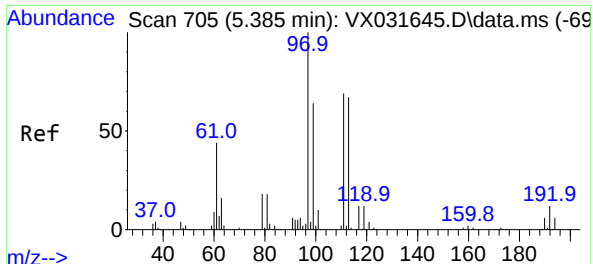
Ion Ratio Lower Upper

114 100

63 18.8 0.0 42.6

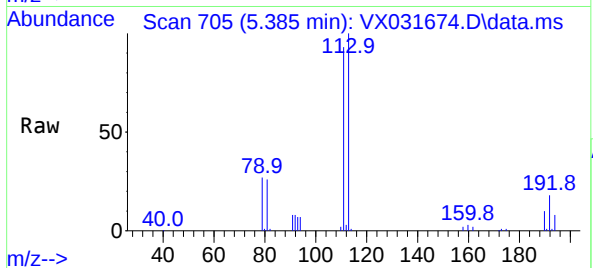
88 13.4 0.0 33.0



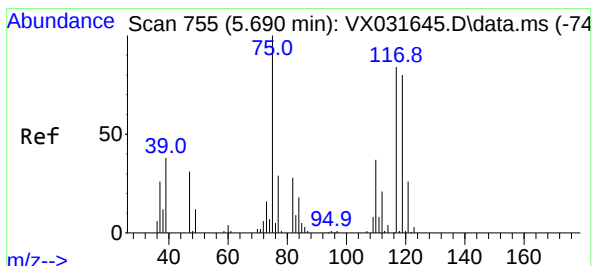
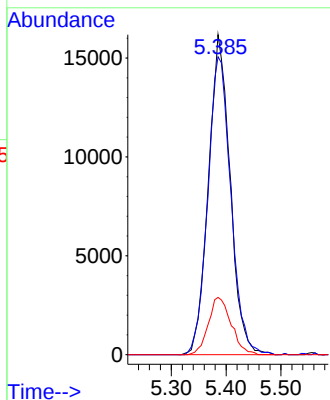
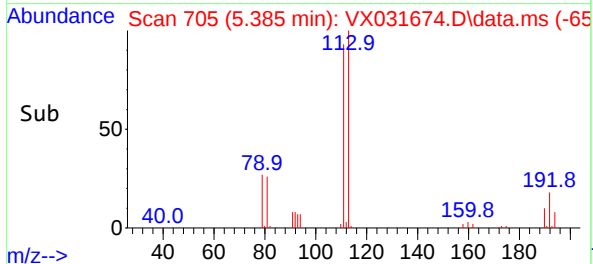


#35
Dibromofluoromethane
Concen: 49.051 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX031674.D
Acq: 27 Sep 2022 01:58

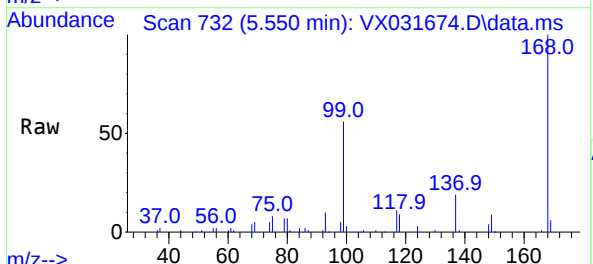
Instrument :
MSVOA_X
ClientSampleId :



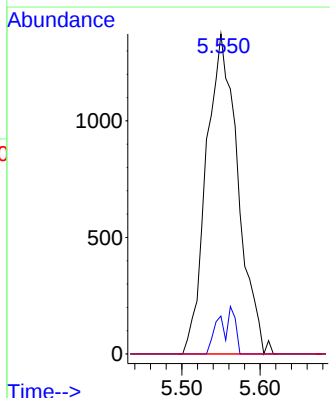
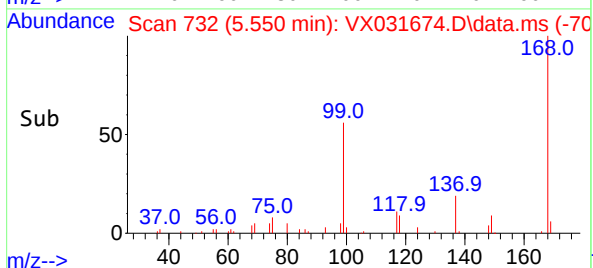
Tgt Ion:113 Resp: 44561
Ion Ratio Lower Upper
113 100
111 98.6 82.4 123.6
192 18.8 14.1 21.1

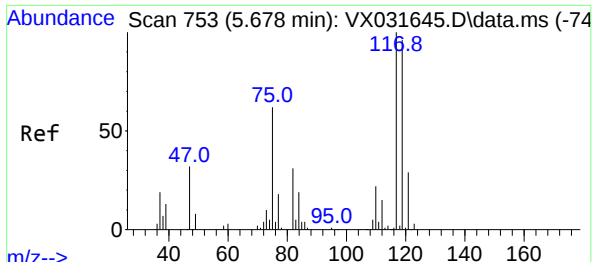


#36
1,1-Dichloropropene
Concen: 3.689 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX031674.D
Acq: 27 Sep 2022 01:58



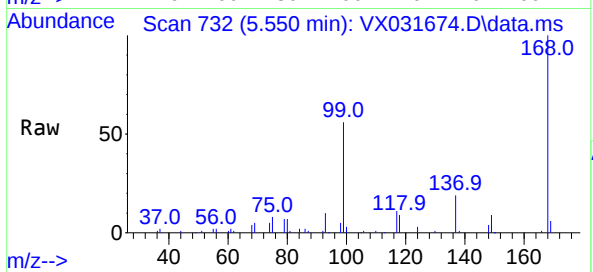
Tgt Ion: 75 Resp: 3849
Ion Ratio Lower Upper
75 100
110 4.0 17.5 52.5#
77 0.0 24.9 37.3#



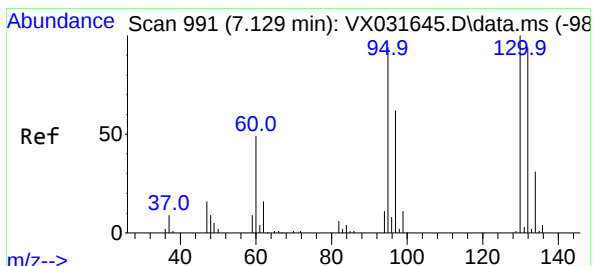
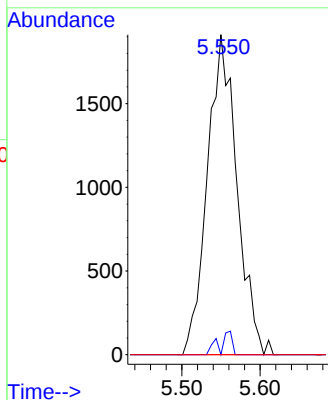
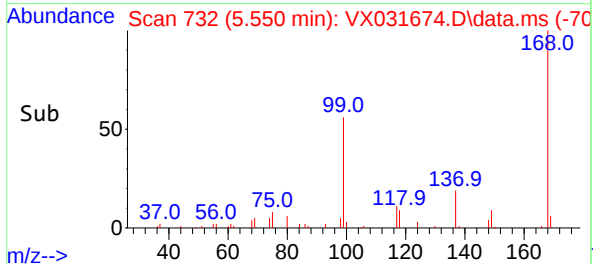


#38
Carbon Tetrachloride
Concen: 4.272 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX031674.D
Acq: 27 Sep 2022 01:58

Instrument :
MSVOA_X
ClientSampleId :

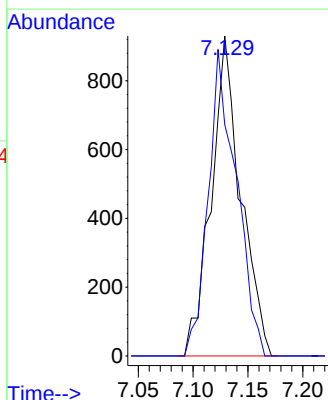
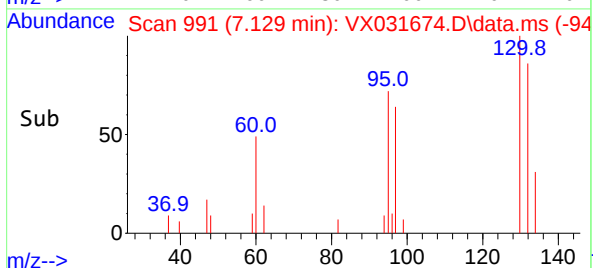
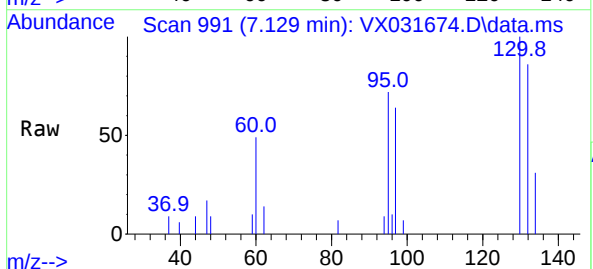


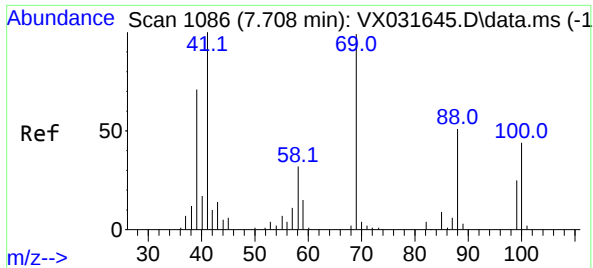
Tgt Ion:117 Resp: 5023
Ion Ratio Lower Upper
117 100
119 0.0 74.6 112.0#
121 0.0 25.3 37.9#



#44
Trichloroethene
Concen: 1.930 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX031674.D
Acq: 27 Sep 2022 01:58

Tgt Ion:130 Resp: 1747
Ion Ratio Lower Upper
130 100
95 72.3 0.0 206.8





#49

1,4-Dioxane

Concen: Below Cal

RT: 7.708 min Scan# 1086

Delta R.T. 0.024 min

Lab File: VX031674.D

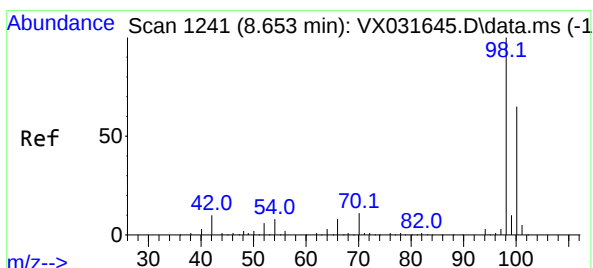
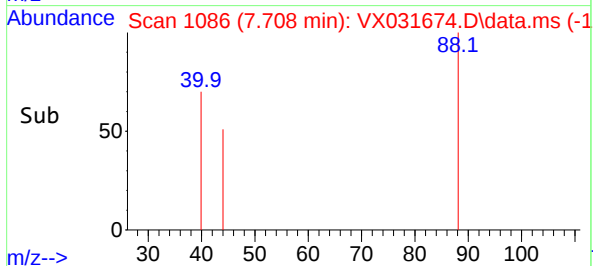
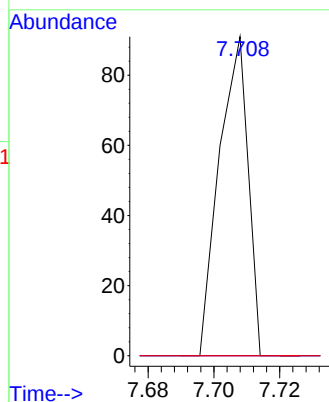
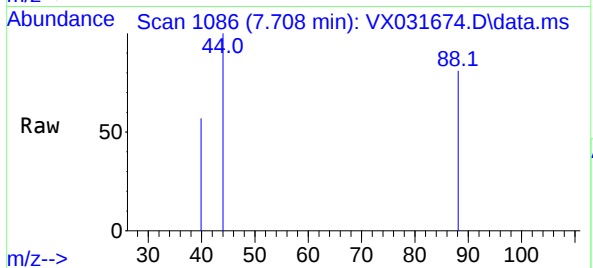
Acq: 27 Sep 2022 01:58

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 88	Resp:	55
Ion	Ratio	Lower Upper
88	100	
43	0.0	27.1 40.7#
58	0.0	53.9 80.9#



#50

Toluene-d8

Concen: 48.884 ug/l

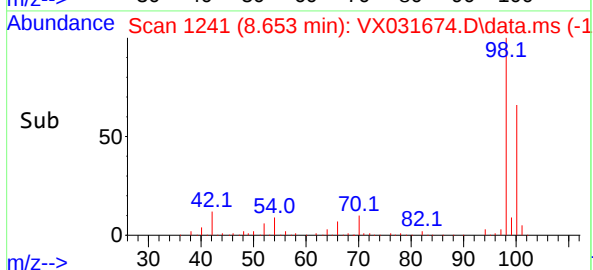
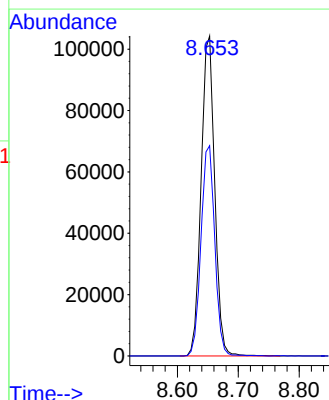
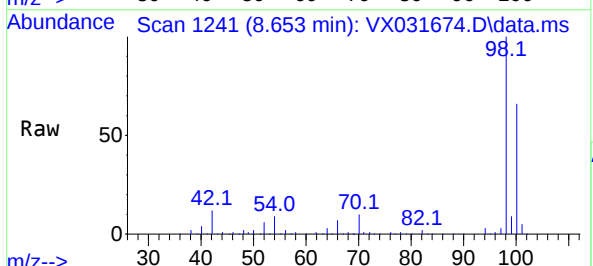
RT: 8.653 min Scan# 1241

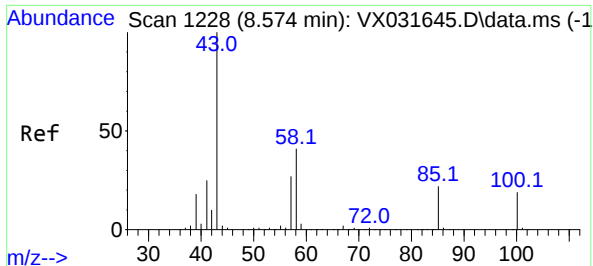
Delta R.T. -0.000 min

Lab File: VX031674.D

Acq: 27 Sep 2022 01:58

Tgt Ion: 98	Resp:	161003
Ion	Ratio	Lower Upper
98	100	
100	66.8	52.5 78.7

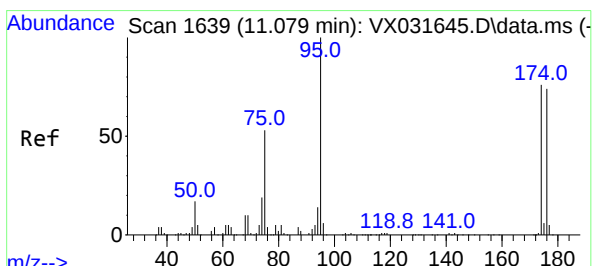
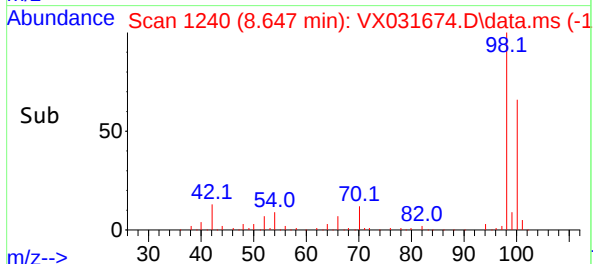
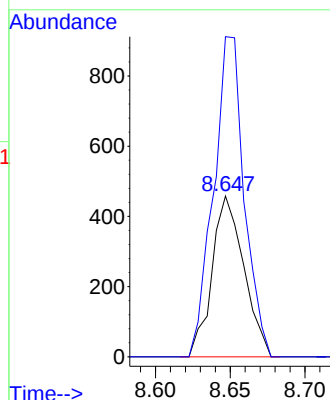
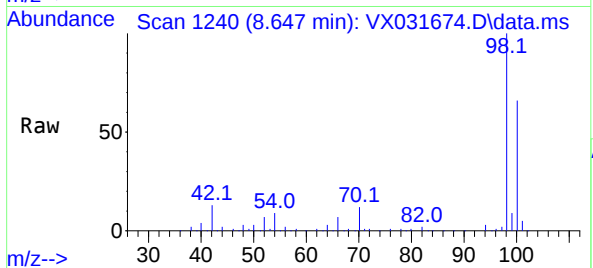




#51
4-Methyl-2-Pentanone
Concen: 0.646 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX031674.D
Acq: 27 Sep 2022 01:58

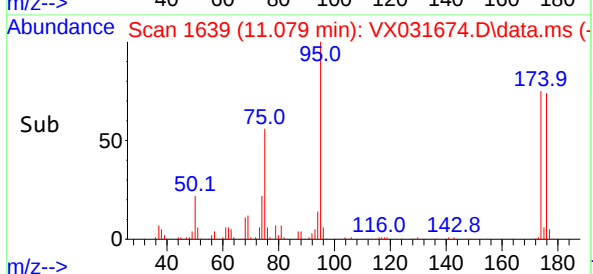
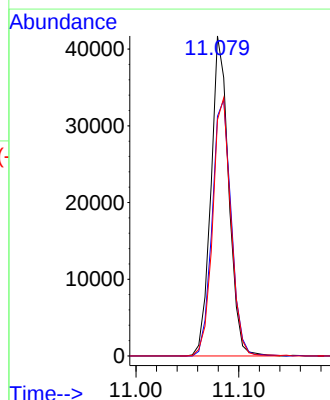
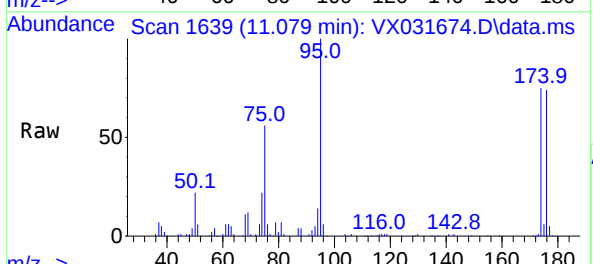
Instrument :
MSVOA_X
ClientSampleId :

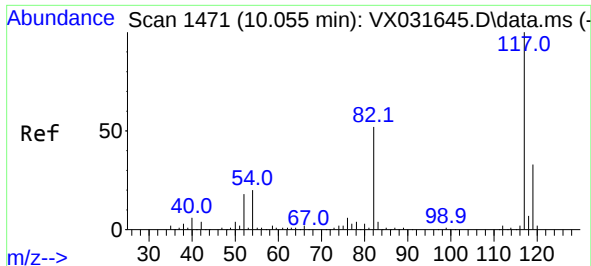
Tgt Ion: 43 Resp: 677
Ion Ratio Lower Upper
43 100
58 192.8 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 41.641 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031674.D
Acq: 27 Sep 2022 01:58

Tgt Ion: 95 Resp: 50267
Ion Ratio Lower Upper
95 100
174 85.3 0.0 153.2
176 82.4 0.0 144.0

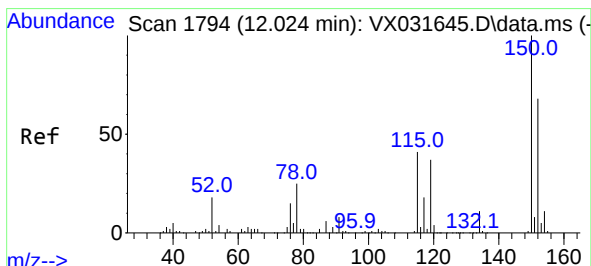
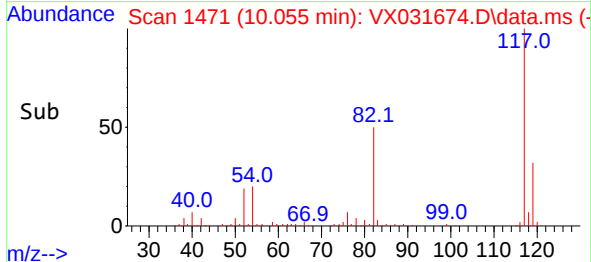
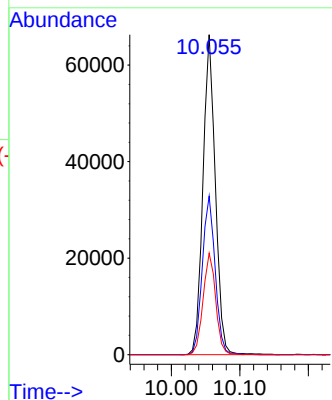
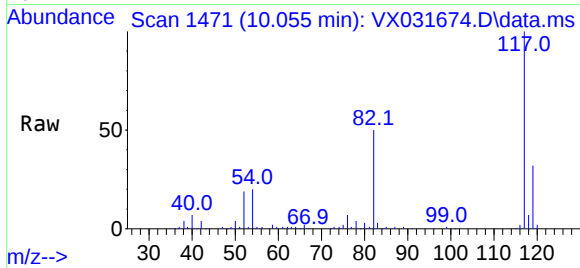




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031674.D
Acq: 27 Sep 2022 01:58

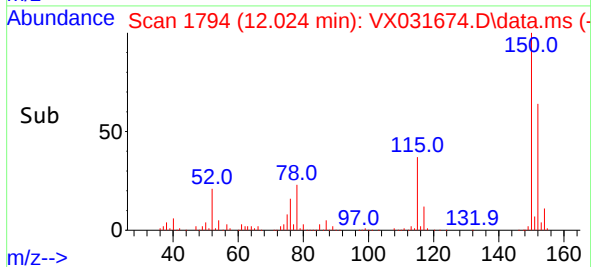
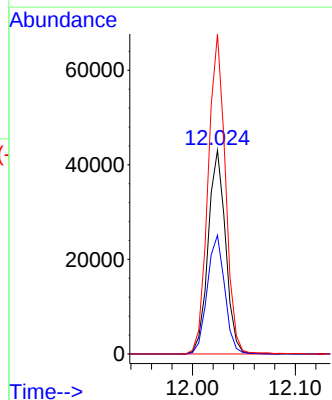
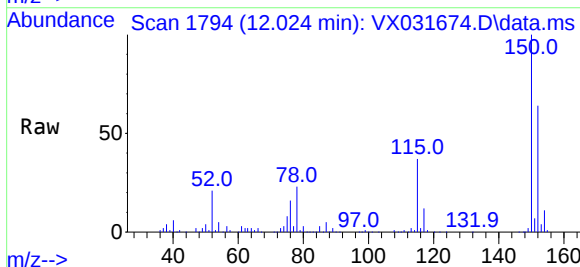
Instrument :
MSVOA_X
ClientSampleId :

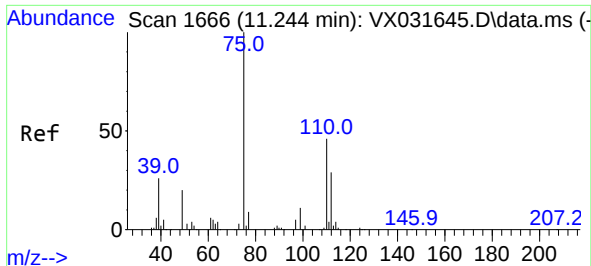
Tgt Ion:117 Resp: 83544
Ion Ratio Lower Upper
117 100
82 49.6 46.8 70.2
119 31.7 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031674.D
Acq: 27 Sep 2022 01:58

Tgt Ion:152 Resp: 50836
Ion Ratio Lower Upper
152 100
115 58.5 43.4 130.1
150 156.6 0.0 346.8

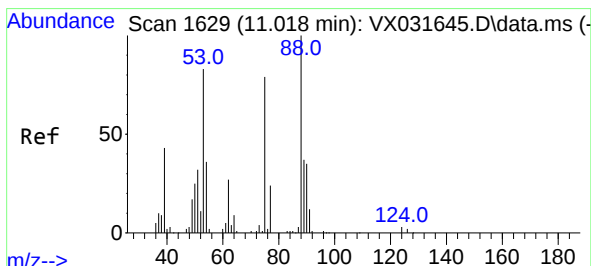
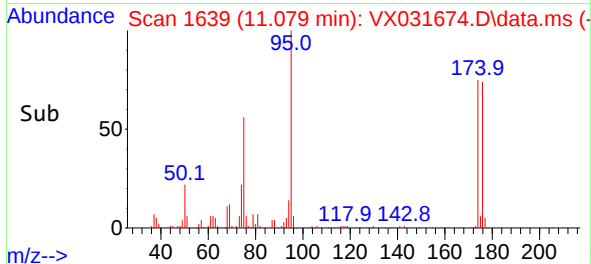
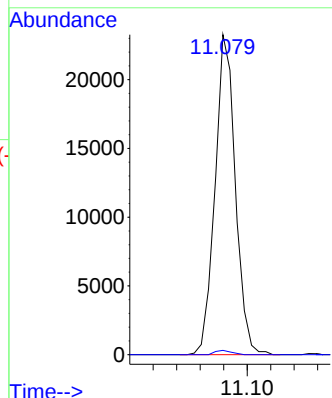
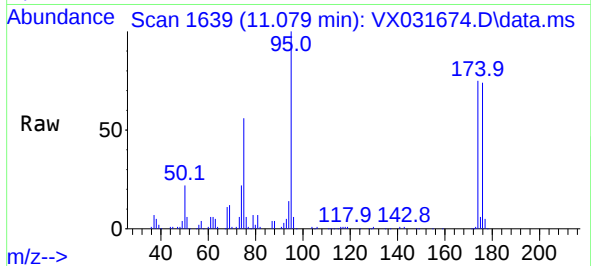




#76
1,2,3-Trichloropropane
Concen: 30.355 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031674.D
Acq: 27 Sep 2022 01:58

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 27975
Ion Ratio Lower Upper
75 100
77 1.1 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 100.016 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031674.D
Acq: 27 Sep 2022 01:58

Tgt Ion: 75 Resp: 27975
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

