

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061021\
 Data File : VX022651.D
 Acq On : 10 Jun 2021 18:05
 Operator : JC/MD
 Sample : M2652-08DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP09-20210608DL

Quant Time: Jun 11 06:46:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 12:20:00 2021
 Response via : Initial Calibration

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

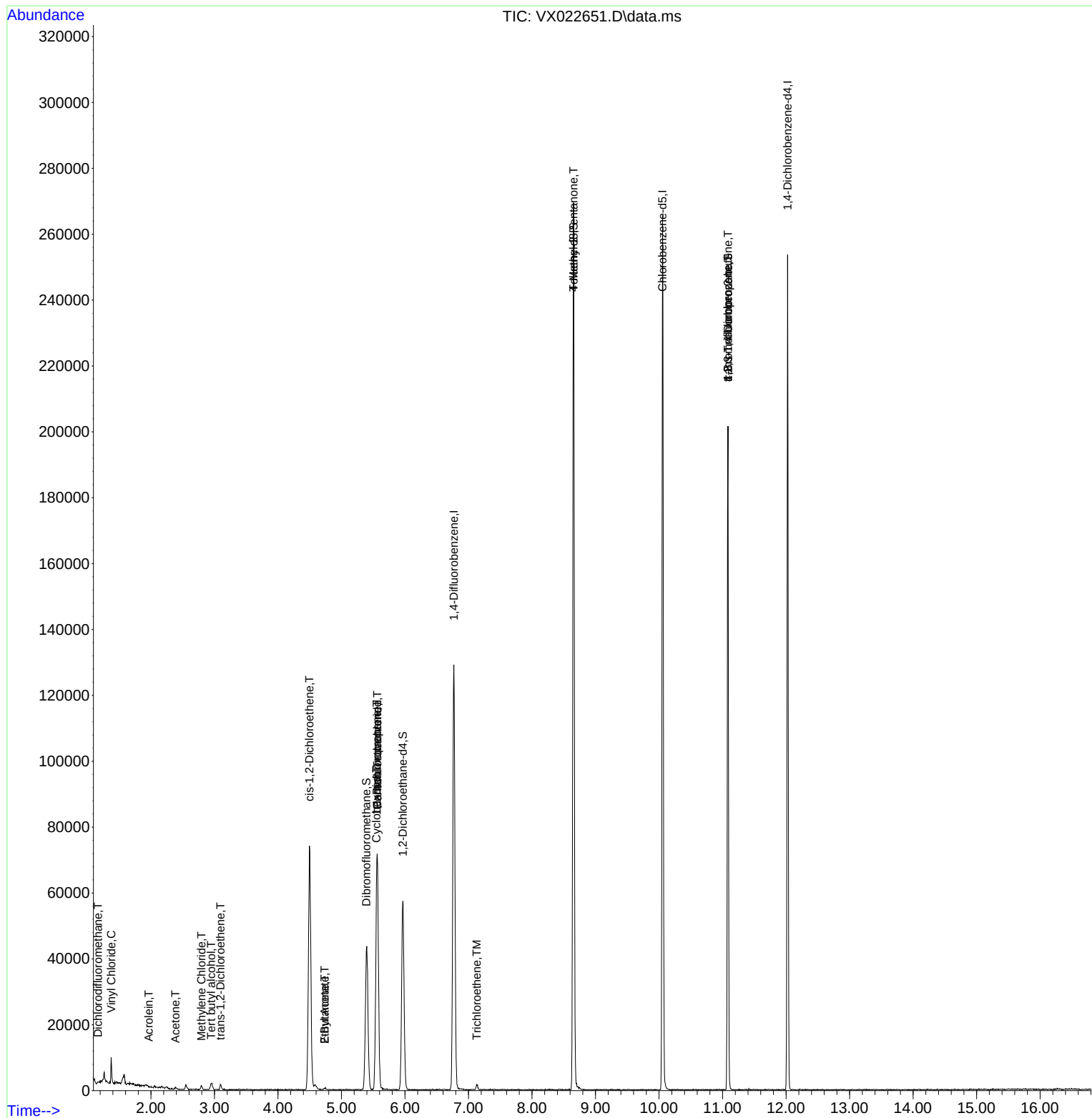
Internal Standards						
1) Pentafluorobenzene	5.562	168	61378	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	123882	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	113925	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	44224	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	52644	47.691	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.380%
35) Dibromofluoromethane	5.391	113	37283	47.170	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.340%
50) Toluene-d8	8.653	98	152698	49.008	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.020%
62) 4-Bromofluorobenzene	11.085	95	53164	45.116	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.240%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	243	0.337	ug/l	# 42
4) Vinyl Chloride	1.374	62	4095	4.789	ug/l	95
11) Tert butyl alcohol	2.946	59	1505	5.888	ug/l	# 73
13) Acrolein	1.965	56	49	0.457	ug/l	# 14
16) Acetone	2.386	43	605	1.224	ug/l	90
20) Methylene Chloride	2.794	84	565	0.316	ug/l	# 80
21) trans-1,2-Dichloroethene	3.093	96	680	0.824	ug/l	# 63
25) 2-Butanone	4.733	43	768	0.958	ug/l	# 45
27) cis-1,2-Dichloroethene	4.495	96	42662	42.405	ug/l	92
31) Cyclohexane	5.550	56	1818	1.365	ug/l	# 41
36) 1,1-Dichloropropene	5.556	75	6274	5.083	ug/l	# 49
37) Ethyl Acetate	4.733	43	768	0.490	ug/l	# 75
38) Carbon Tetrachloride	5.562	117	7491	7.095	ug/l	# 16
44) Trichloroethene	7.129	130	643	0.746	ug/l	95
51) 4-Methyl-2-Pentanone	8.653	43	739	0.470	ug/l	# 1
76) 1,2,3-Trichloropropane	11.085	75	28911	24.656	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	28911	62.164	ug/l	# 12

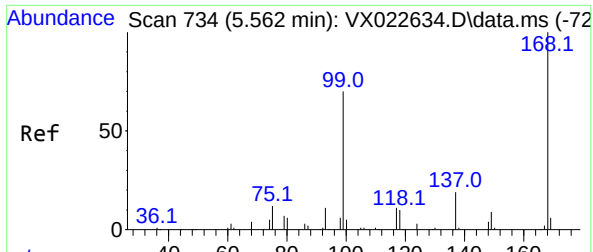
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 10 12:20:00 2021
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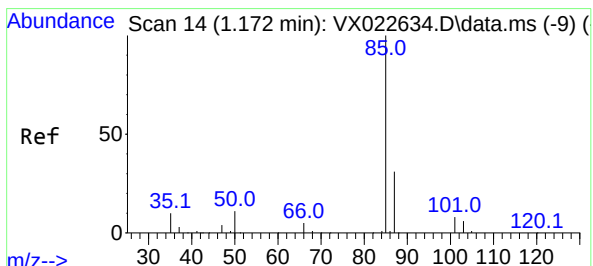
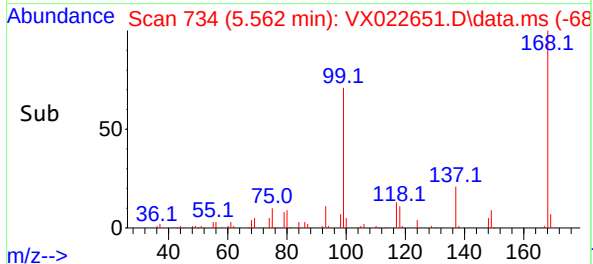
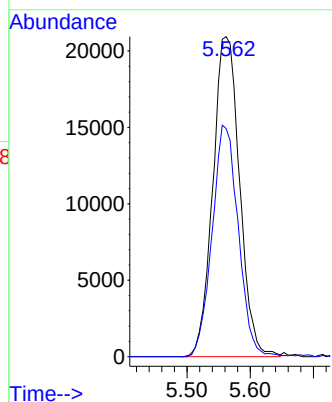
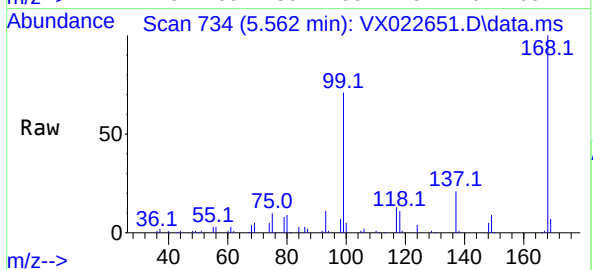




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022651.D
Acq: 10 Jun 2021 18:05

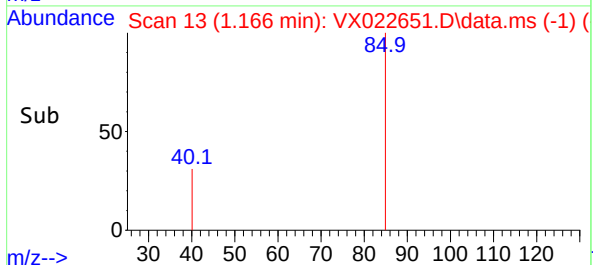
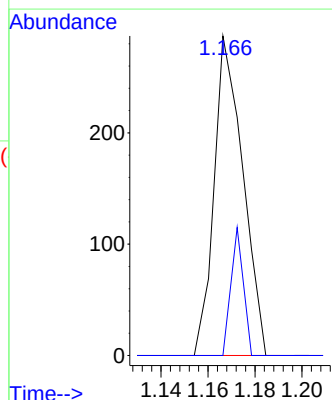
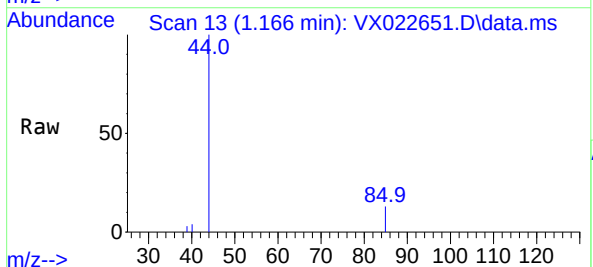
Instrument :
MSVOA_X
ClientSampleId :
DUP09-20210608DL

Tgt Ion:168 Resp: 61378
Ion Ratio Lower Upper
168 100
99 71.3 45.8 68.6#

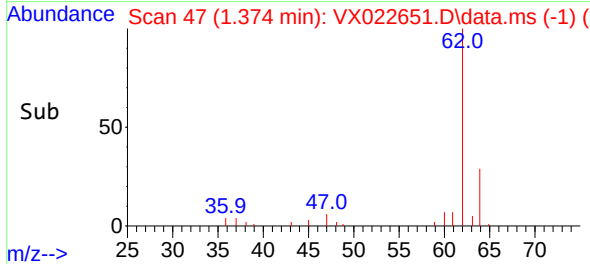
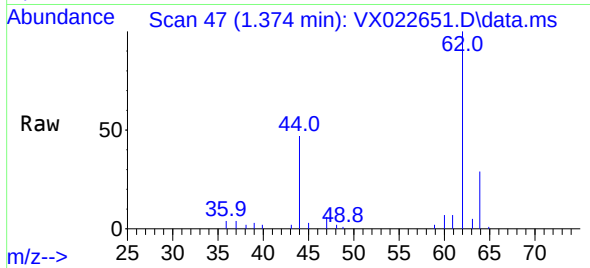
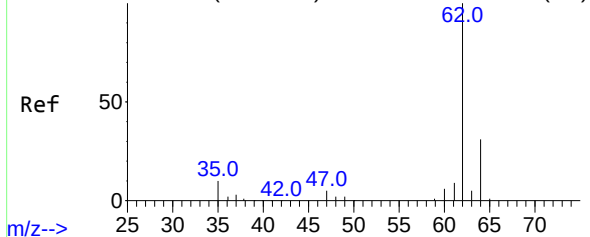


#2
Dichlorodifluoromethane
Concen: 0.337 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX022651.D
Acq: 10 Jun 2021 18:05

Tgt Ion: 85 Resp: 243
Ion Ratio Lower Upper
85 100
87 0.0 16.4 49.2#



Abundance Scan 47 (1.374 min): VX022634.D\data.ms (-43)



#4

Vinyl Chloride

Concen: 4.789 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX022651.D

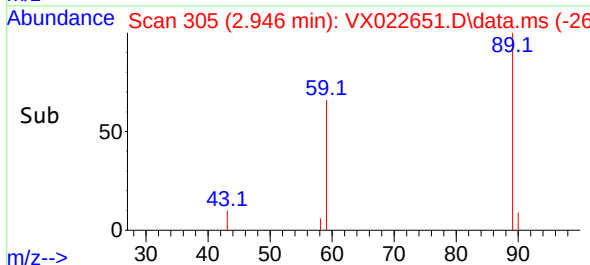
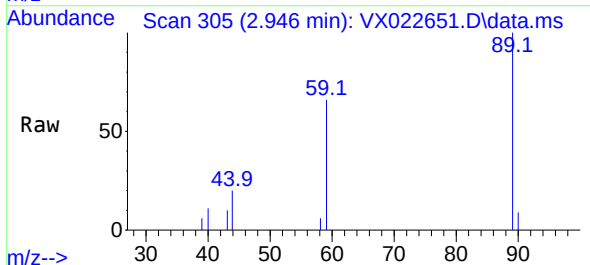
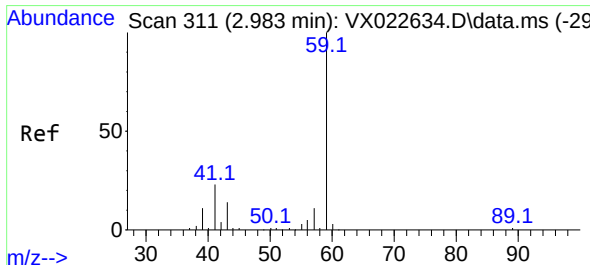
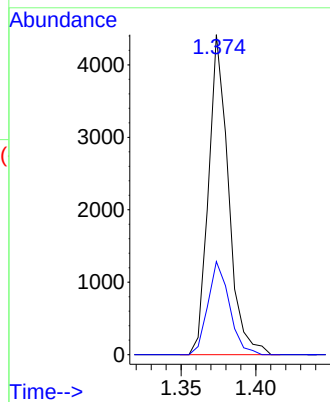
Acq: 10 Jun 2021 18:05

Tgt Ion: 62 Resp: 4095

Ion Ratio Lower Upper

62 100

64 29.1 25.7 38.5



#11

Tert butyl alcohol

Concen: 5.888 ug/l

RT: 2.946 min Scan# 305

Delta R.T. -0.037 min

Lab File: VX022651.D

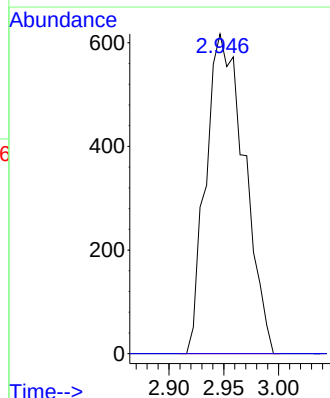
Acq: 10 Jun 2021 18:05

Tgt Ion: 59 Resp: 1505

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#

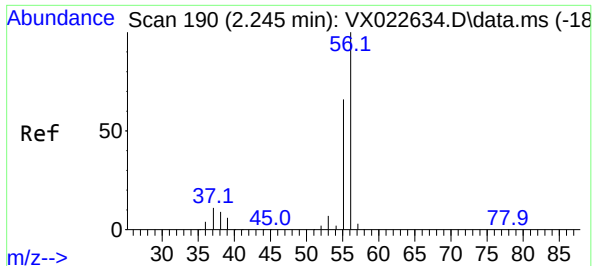


Instrument :

MSVOA_X

ClientSampleId :

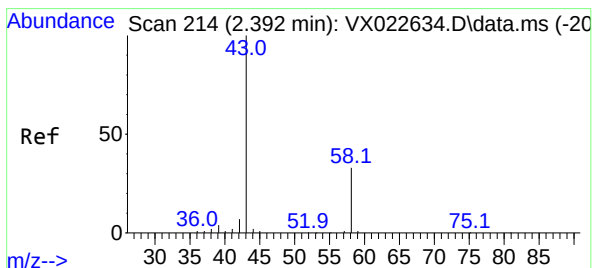
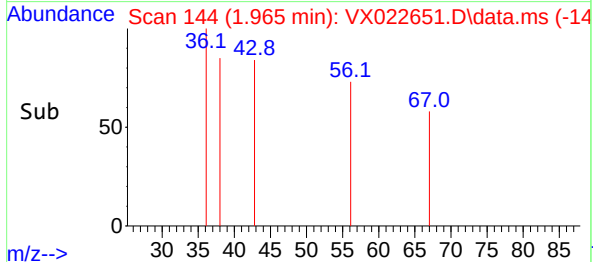
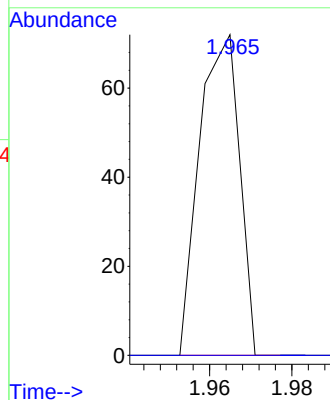
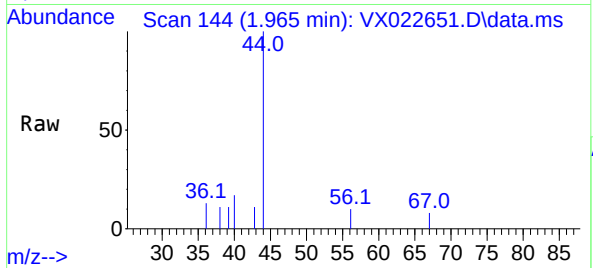
DUP09-20210608DL



#13
Acrolein
Concen: 0.457 ug/l
RT: 1.965 min Scan# 144
Delta R.T. -0.274 min
Lab File: VX022651.D
Acq: 10 Jun 2021 18:05

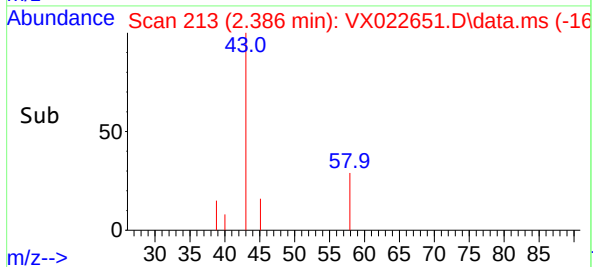
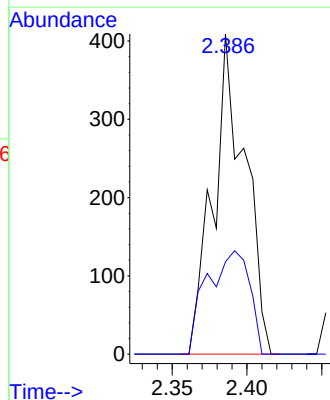
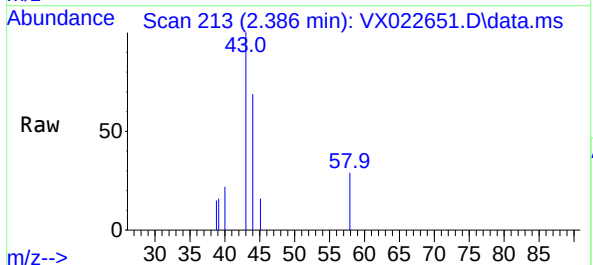
Instrument :
MSVOA_X
ClientSampleId :
DUP09-20210608DL

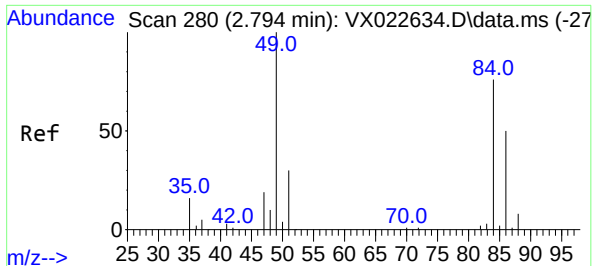
Tgt Ion: 56 Resp: 49
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 1.224 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022651.D
Acq: 10 Jun 2021 18:05

Tgt Ion: 43 Resp: 605
Ion Ratio Lower Upper
43 100
58 28.9 27.8 41.8



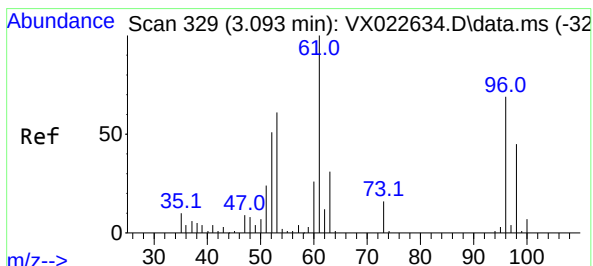
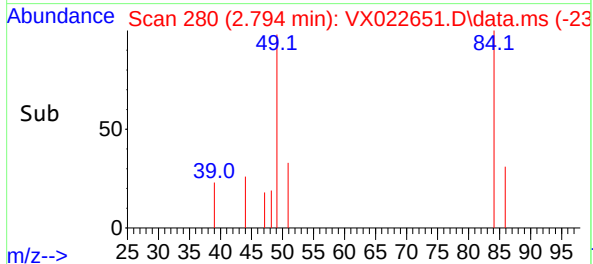
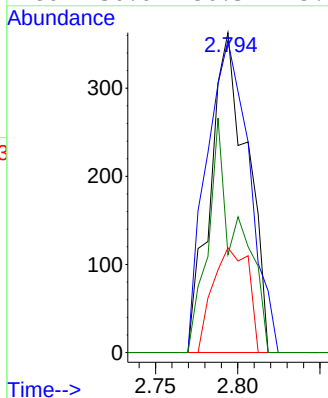
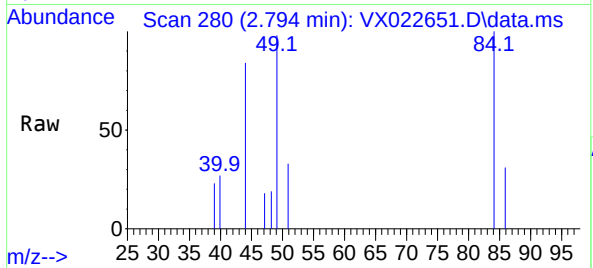


#20
Methylene Chloride
Concen: 0.316 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022651.D
Acq: 10 Jun 2021 18:05

Instrument :
MSVOA_X
ClientSampleId :
DUP09-20210608DL

Tgt Ion: 84 Resp: 565

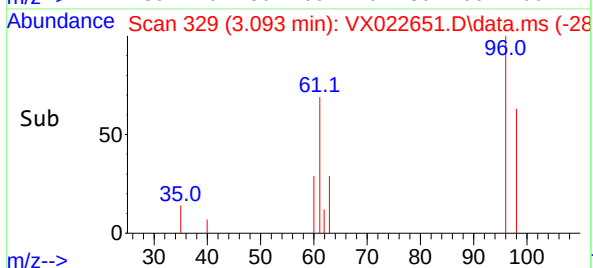
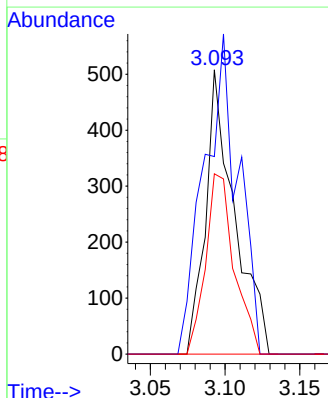
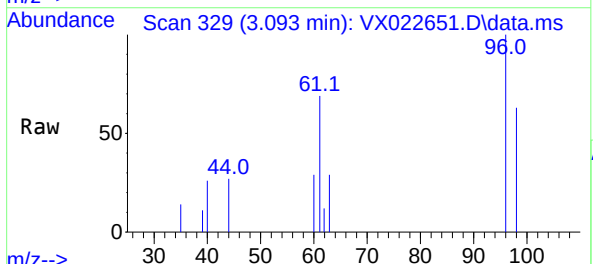
Ion	Ratio	Lower	Upper
84	100		
49	97.5	88.6	132.8
51	32.8	27.0	40.6
86	30.6	50.3	75.5#

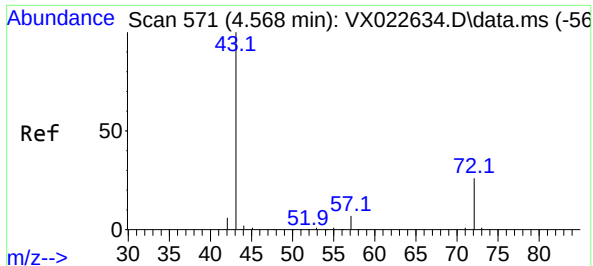


#21
trans-1,2-Dichloroethene
Concen: 0.824 ug/l
RT: 3.093 min Scan# 329
Delta R.T. -0.000 min
Lab File: VX022651.D
Acq: 10 Jun 2021 18:05

Tgt Ion: 96 Resp: 680

Ion	Ratio	Lower	Upper
96	100		
61	69.5	107.7	161.5#
98	63.4	50.4	75.6





#25

2-Butanone

Concen: 0.958 ug/l

RT: 4.733 min Scan# 598

Delta R.T. 0.165 min

Lab File: VX022651.D

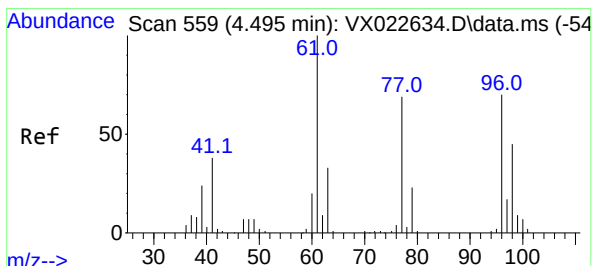
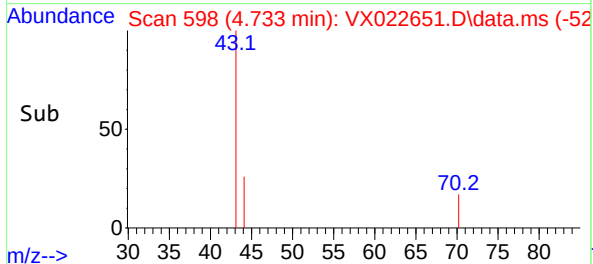
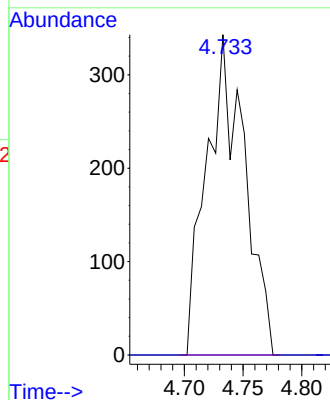
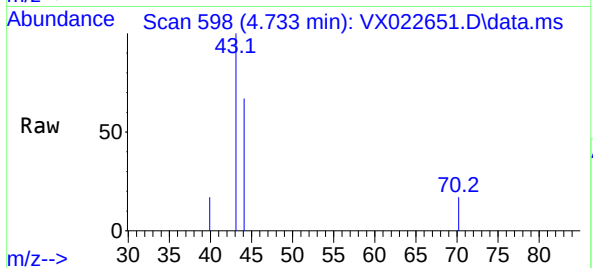
Acq: 10 Jun 2021 18:05

Tgt Ion: 43 Resp: 768

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#



#27

cis-1,2-Dichloroethene

Concen: 42.405 ug/l

RT: 4.495 min Scan# 559

Delta R.T. -0.000 min

Lab File: VX022651.D

Acq: 10 Jun 2021 18:05

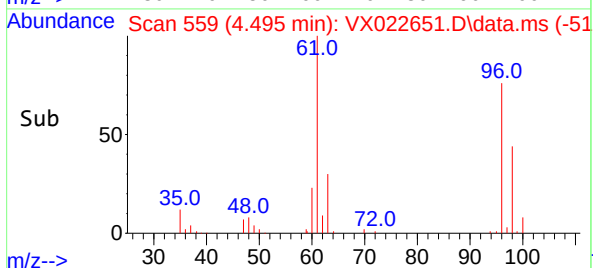
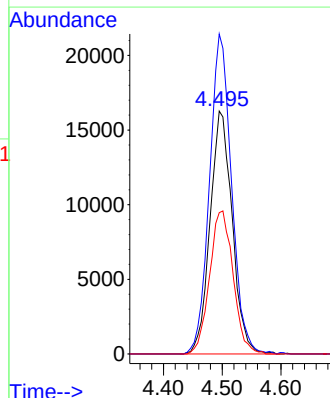
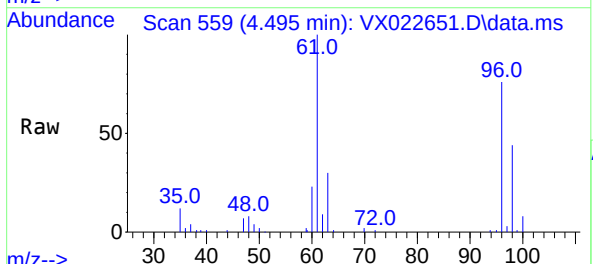
Tgt Ion: 96 Resp: 42662

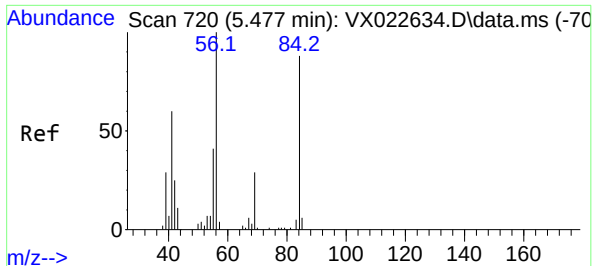
Ion Ratio Lower Upper

96 100

61 130.7 0.0 285.6

98 62.4 0.0 129.6

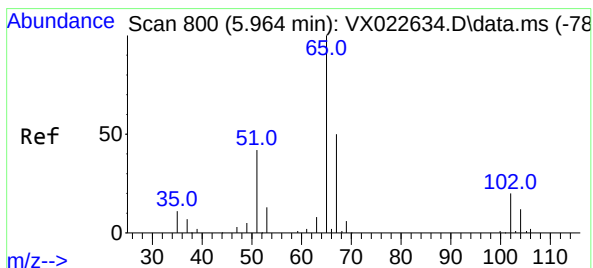
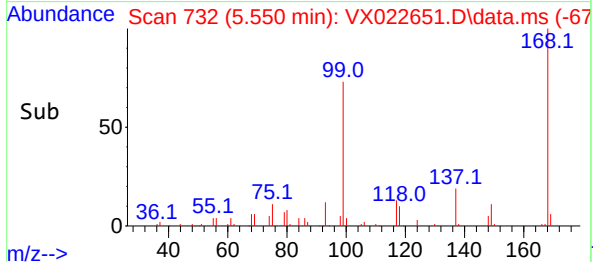
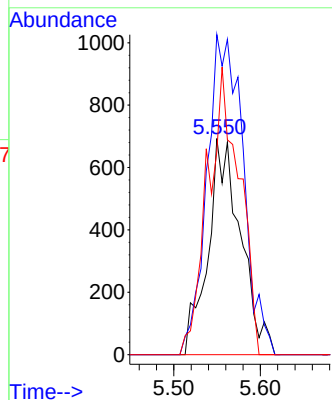
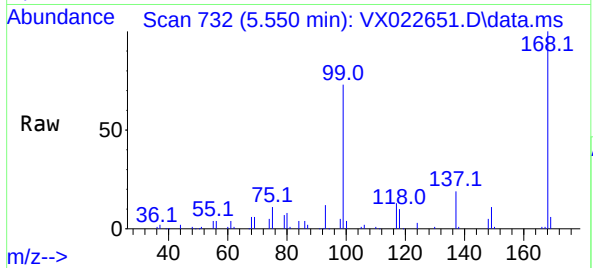




#31
Cyclohexane
Concen: 1.365 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.073 min
Lab File: VX022651.D
Acq: 10 Jun 2021 18:05

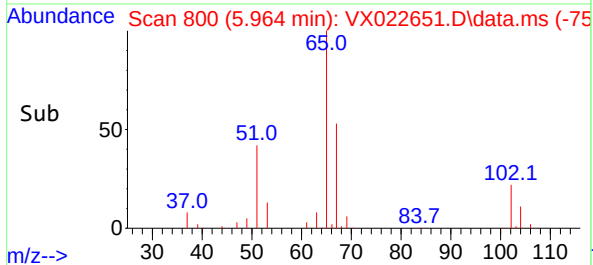
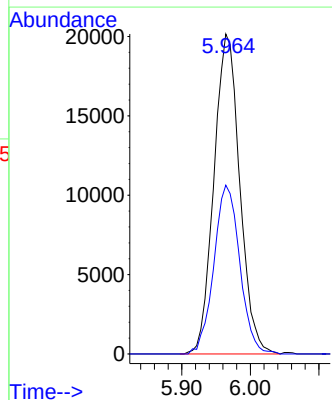
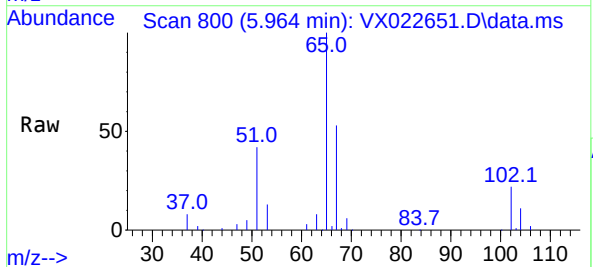
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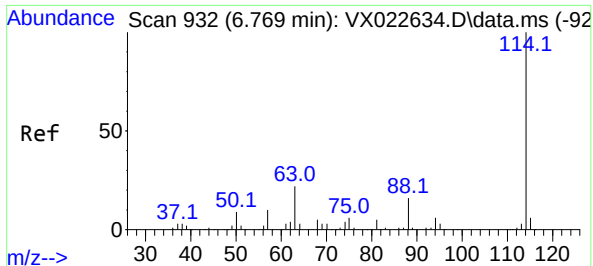
Tgt Ion: 56 Resp: 1818
Ion Ratio Lower Upper
56 100
69 148.1 25.3 37.9#
84 93.9 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 47.691 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022651.D
Acq: 10 Jun 2021 18:05

Tgt Ion: 65 Resp: 52644
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.4



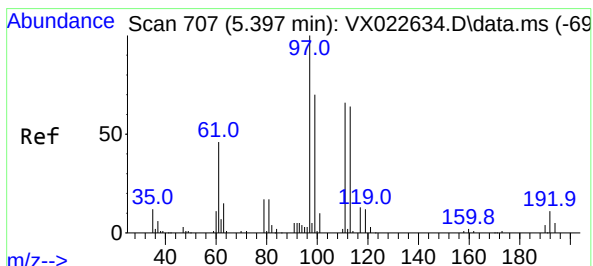
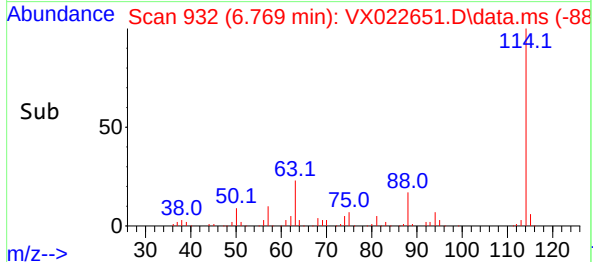
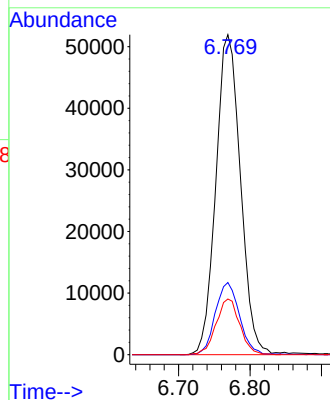
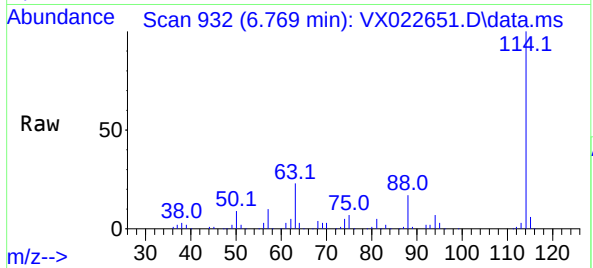


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022651.D
Acq: 10 Jun 2021 18:05

Instrument :
MSVOA_X
ClientSampleId :
DUP09-20210608DL

Tgt Ion:114 Resp: 123882

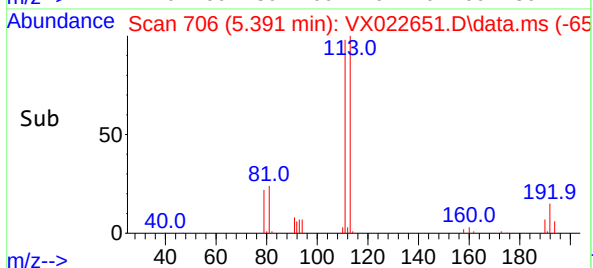
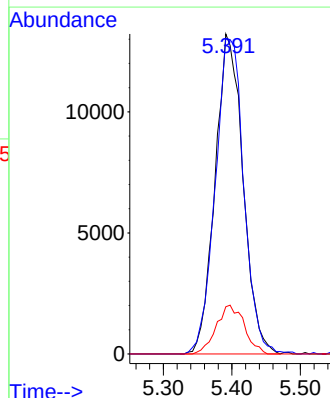
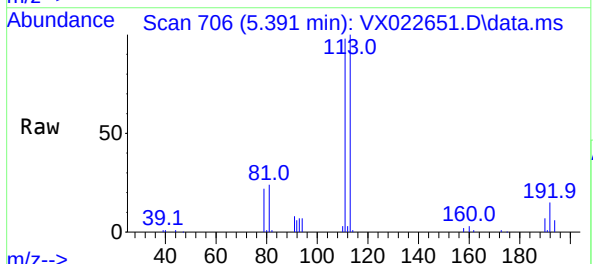
Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	40.8
88	17.4	0.0	32.8

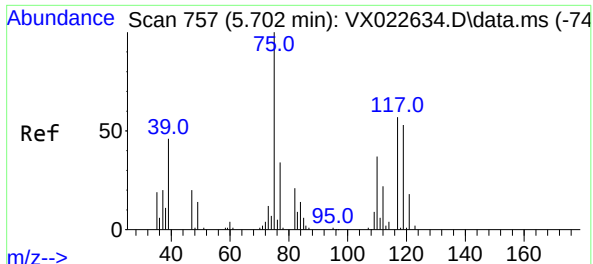


#35
Dibromofluoromethane
Concen: 47.170 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX022651.D
Acq: 10 Jun 2021 18:05

Tgt Ion:113 Resp: 37283

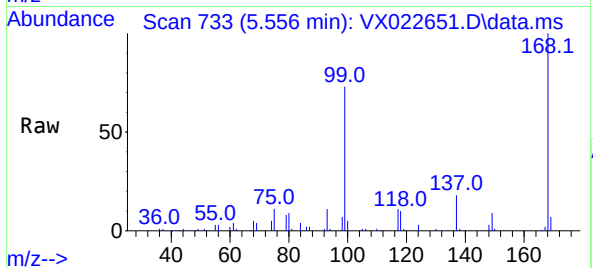
Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.9	122.9
192	15.3	16.7	25.1



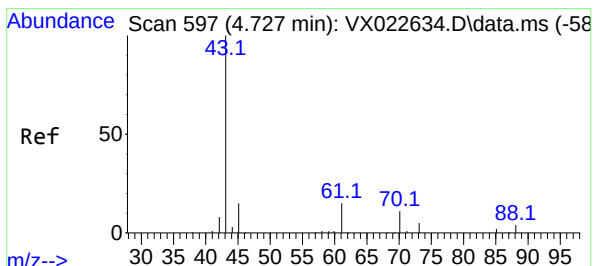
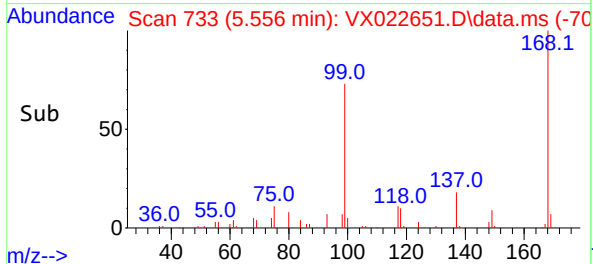
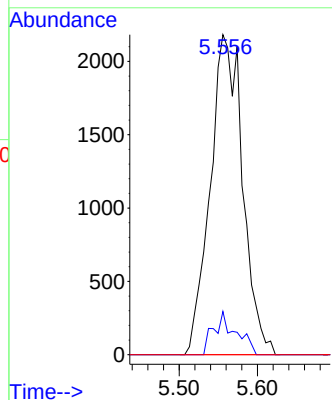


#36
1,1-Dichloropropene
Concen: 5.083 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX022651.D
Acq: 10 Jun 2021 18:05

Instrument :
MSVOA_X
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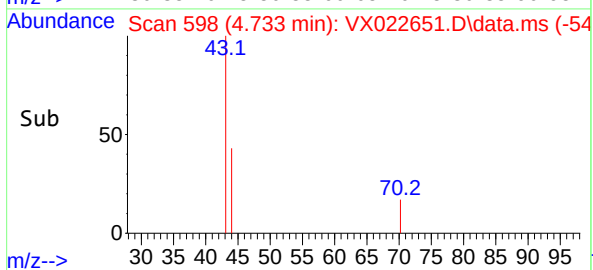
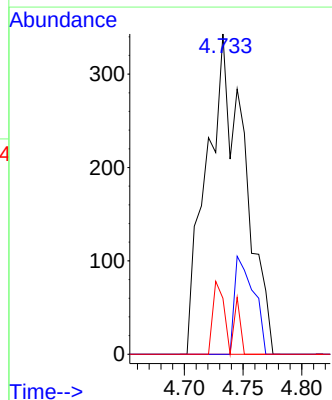
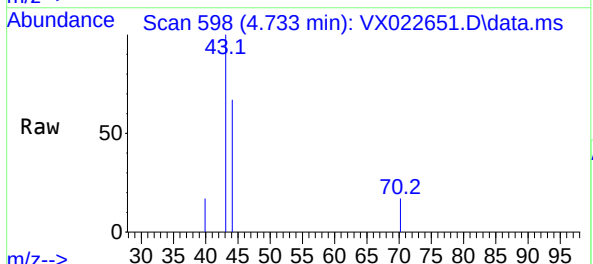


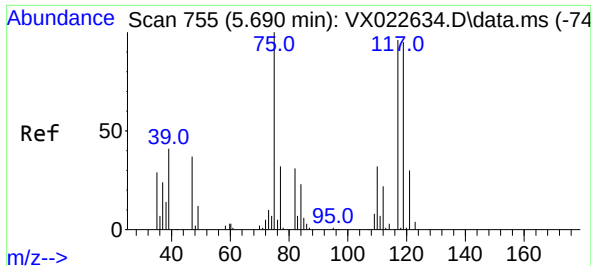
Tgt Ion: 75 Resp: 6274
Ion Ratio Lower Upper
75 100
110 9.2 18.1 54.4#
77 0.0 25.3 37.9#



#37
Ethyl Acetate
Concen: 0.490 ug/l
RT: 4.733 min Scan# 598
Delta R.T. 0.006 min
Lab File: VX022651.D
Acq: 10 Jun 2021 18:05

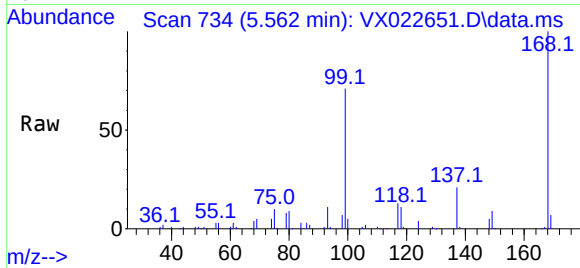
Tgt Ion: 43 Resp: 768
Ion Ratio Lower Upper
43 100
61 0.0 12.8 19.2#
70 9.5 10.5 15.7#



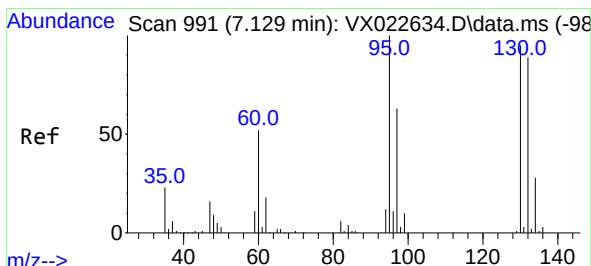
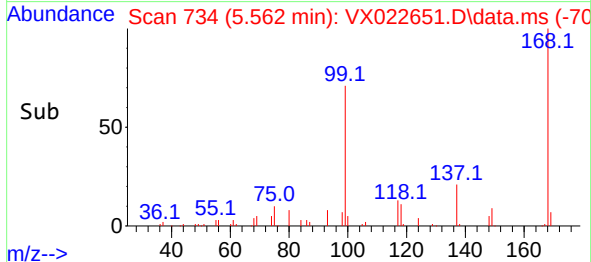
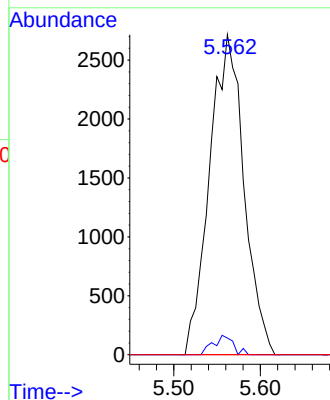


#38
Carbon Tetrachloride
Concen: 7.095 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.116 min
Lab File: VX022651.D
Acq: 10 Jun 2021 18:05

Instrument :
MSVOA_X
ClientSampleId :
DUP09-20210608DL

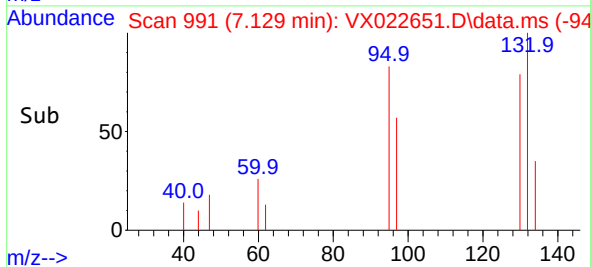
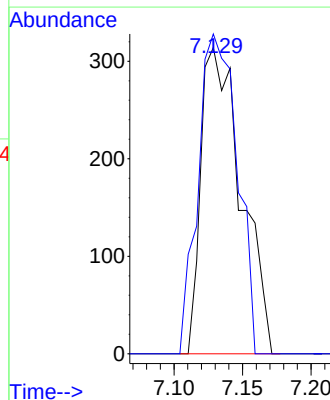
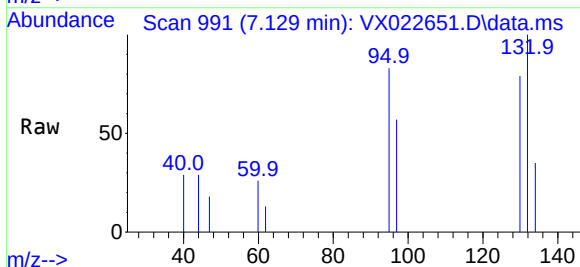


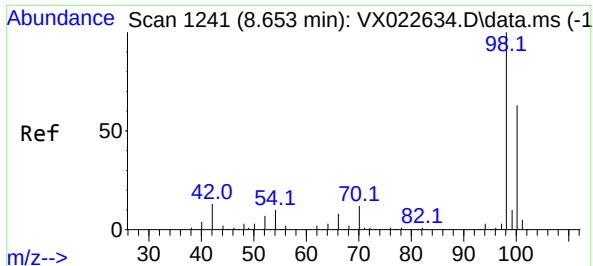
Tgt Ion:117 Resp: 7491
Ion Ratio Lower Upper
117 100
119 5.2 76.2 114.2#
121 0.0 24.8 37.2#



#44
Trichloroethene
Concen: 0.746 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX022651.D
Acq: 10 Jun 2021 18:05

Tgt Ion:130 Resp: 643
Ion Ratio Lower Upper
130 100
95 104.5 0.0 198.0

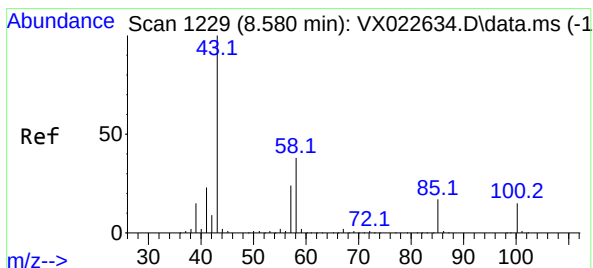
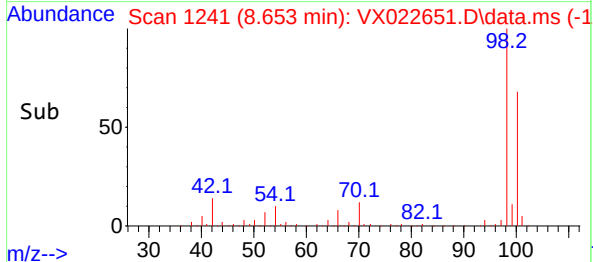
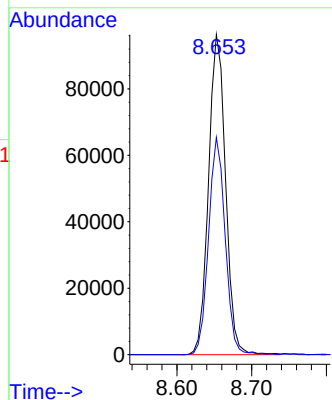
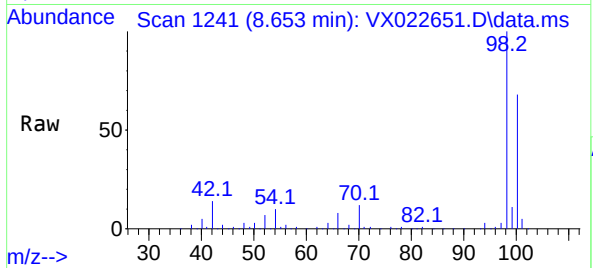




#50
Toluene-d8
Concen: 49.008 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022651.D
Acq: 10 Jun 2021 18:05

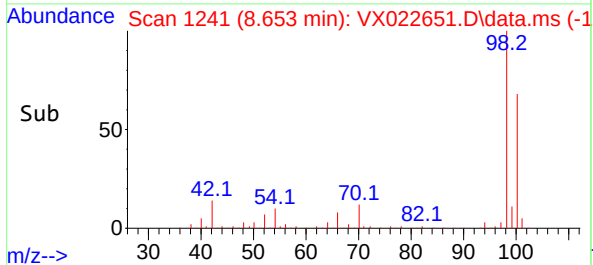
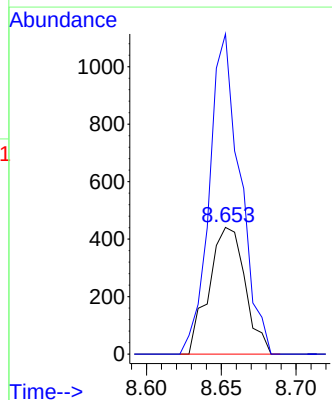
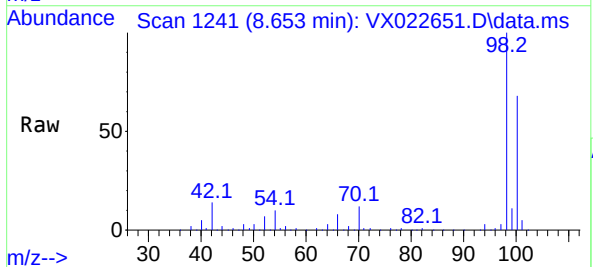
Instrument :
MSVOA_X
ClientSampleId :
DUP09-20210608DL

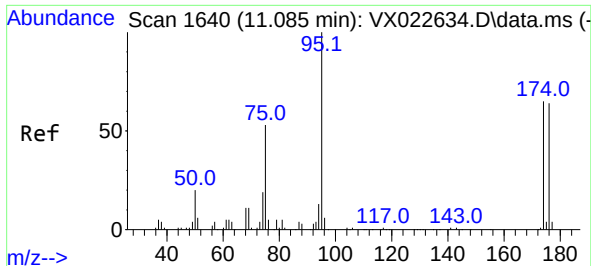
Tgt Ion: 98 Resp: 152698
Ion Ratio Lower Upper
98 100
100 66.3 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.470 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022651.D
Acq: 10 Jun 2021 18:05

Tgt Ion: 43 Resp: 739
Ion Ratio Lower Upper
43 100
58 216.6 35.4 53.0#

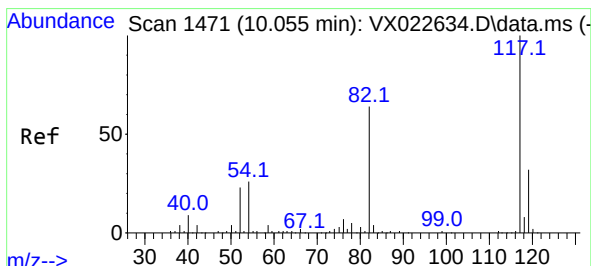
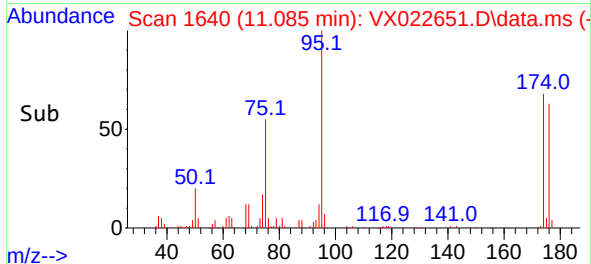
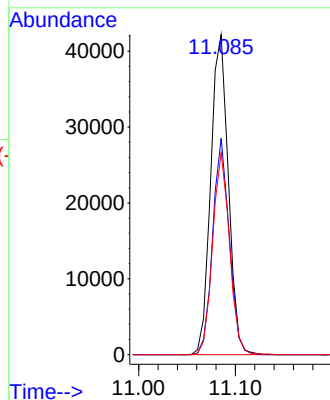
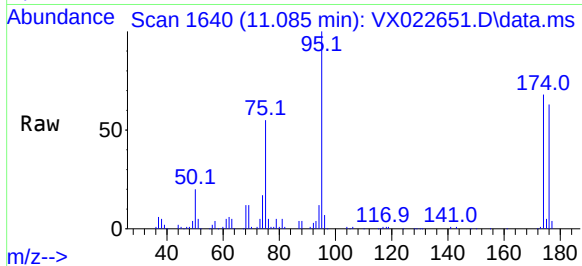




#62
4-Bromofluorobenzene
Concen: 45.116 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022651.D
Acq: 10 Jun 2021 18:05

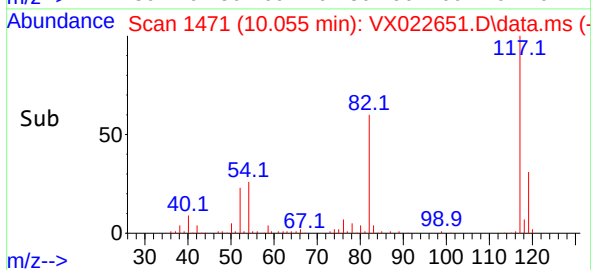
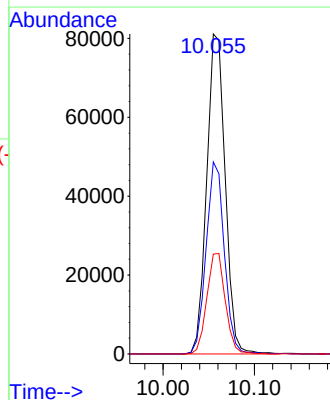
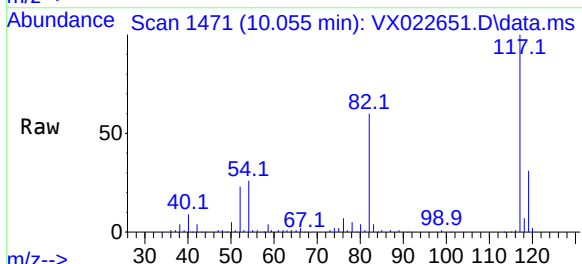
Instrument :
MSVOA_X
ClientSampleId :
DUP09-20210608DL

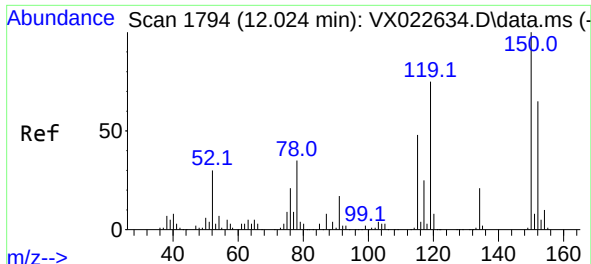
Tgt Ion: 95 Resp: 53164
Ion Ratio Lower Upper
95 100
174 63.9 0.0 154.6
176 60.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX022651.D
Acq: 10 Jun 2021 18:05

Tgt Ion: 117 Resp: 113925
Ion Ratio Lower Upper
117 100
82 60.0 47.4 71.2
119 31.2 26.6 39.8

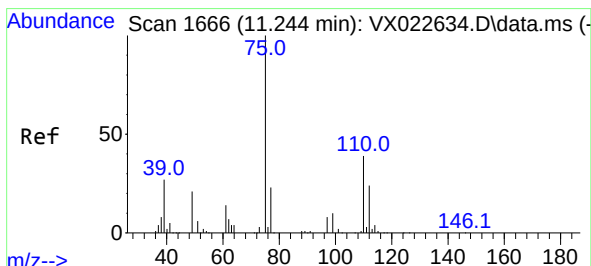
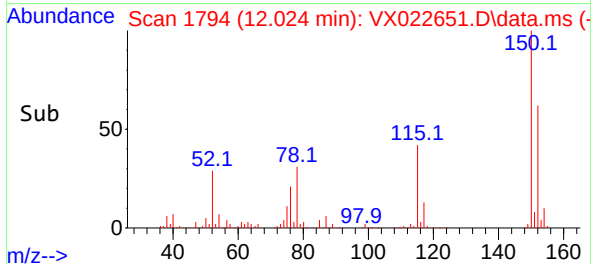
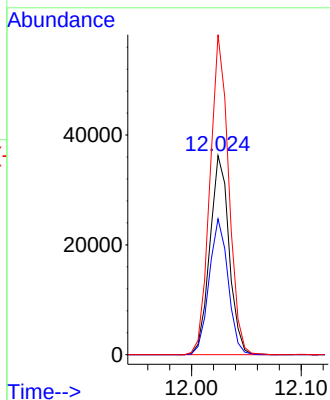
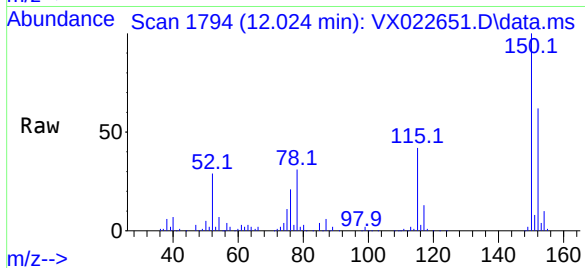




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX022651.D
Acq: 10 Jun 2021 18:05

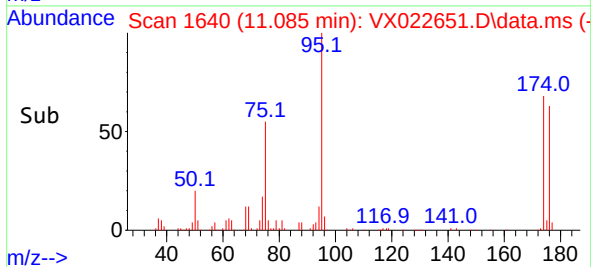
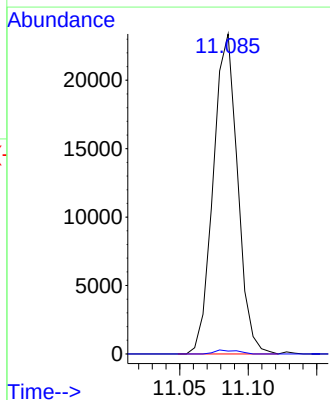
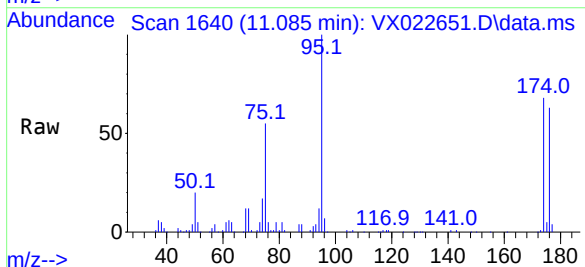
Instrument :
MSVOA_X
ClientSampleId :
DUP09-20210608DL

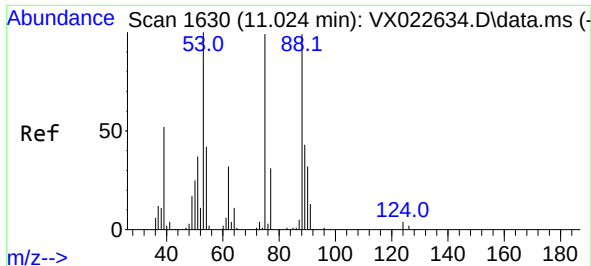
Tgt Ion:152 Resp: 44224
Ion Ratio Lower Upper
152 100
115 67.1 41.1 123.3
150 156.3 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 24.656 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022651.D
Acq: 10 Jun 2021 18:05

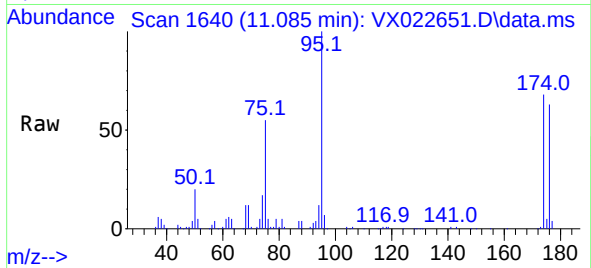
Tgt Ion: 75 Resp: 28911
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 62.164 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022651.D
Acq: 10 Jun 2021 18:05

Instrument :
MSVOA_X
ClientSampleId :
DUP09-20210608DL



Tgt Ion: 75 Resp: 28911
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

