

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061021\
 Data File : VX022650.D
 Acq On : 10 Jun 2021 17:41
 Operator : JC/MD
 Sample : M2652-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP09-20210608

Quant Time: Jun 11 06:46:33 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)

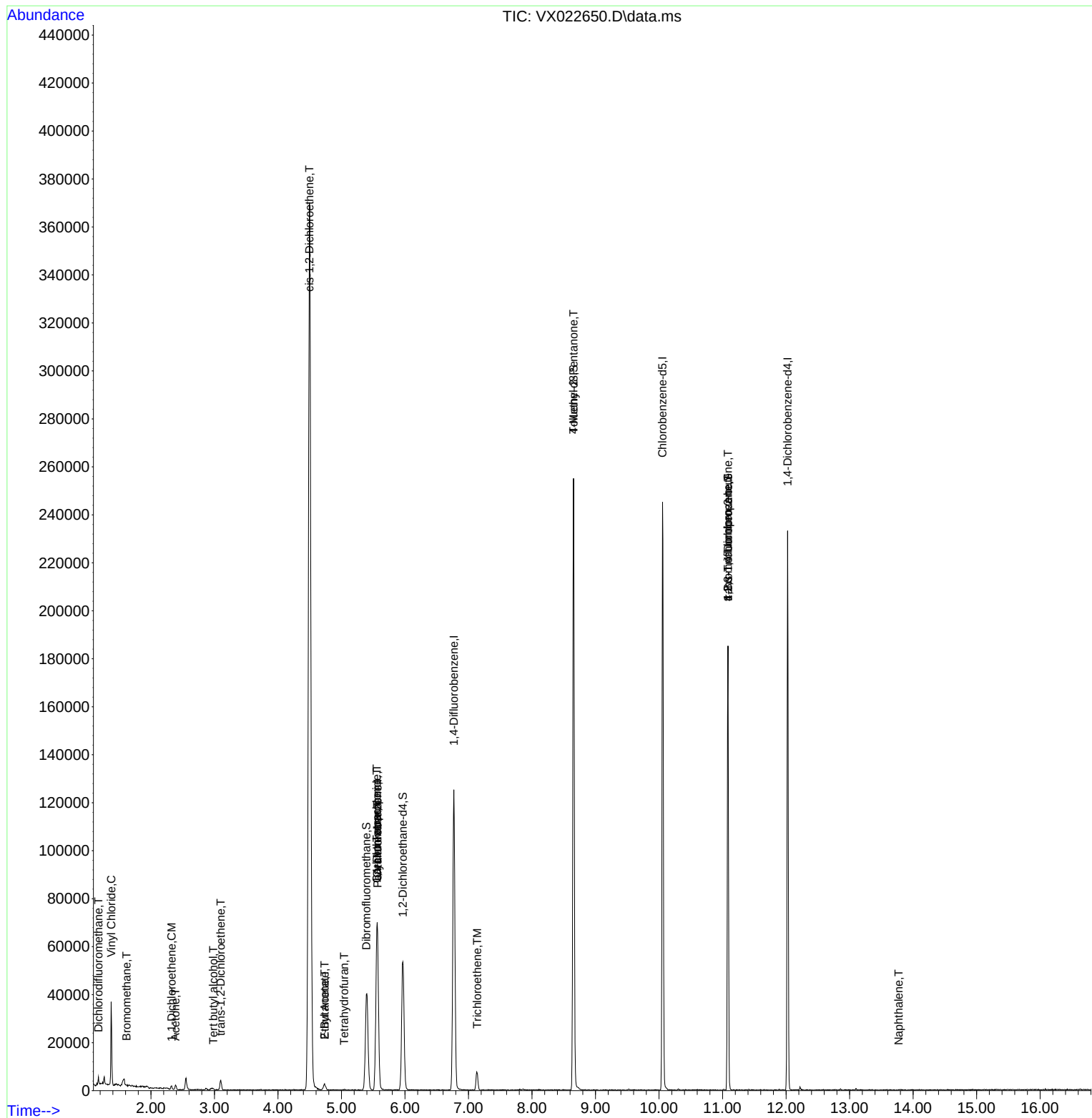
Internal Standards						
1) Pentafluorobenzene	5.568	168	58347	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	121183	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	105435	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	41044	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	50107	47.750	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.500%
35) Dibromofluoromethane	5.391	113	35013	45.285	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.560%
50) Toluene-d8	8.653	98	145590	47.767	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.540%
62) 4-Bromofluorobenzene	11.085	95	49927	43.312	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.620%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	1739	2.540	ug/l	97
4) Vinyl Chloride	1.374	62	19456	23.933	ug/l	97
5) Bromomethane	1.617	94	163	0.369	ug/l #	57
11) Tert butyl alcohol	2.983	59	825	3.396	ug/l #	73
12) 1,1-Dichloroethene	2.325	96	517	0.730	ug/l	83
16) Acetone	2.386	43	2045	4.352	ug/l #	78
20) Methylene Chloride	2.794	84	45	Below Cal	#	61
21) trans-1,2-Dichloroethene	3.099	96	1442	1.837	ug/l	97
25) 2-Butanone	4.733	43	4141	5.434	ug/l #	45
27) cis-1,2-Dichloroethene	4.495	96	218145	228.097	ug/l	93
29) Tetrahydrofuran	5.044	42	128	0.288	ug/l #	27
31) Cyclohexane	5.562	56	1898	1.499	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	6319	5.233	ug/l #	47
37) Ethyl Acetate	4.733	43	4141	2.698	ug/l #	70
38) Carbon Tetrachloride	5.556	117	6890	6.671	ug/l #	16
44) Trichloroethene	7.135	130	2755	3.267	ug/l	93
51) 4-Methyl-2-Pentanone	8.653	43	789	0.513	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	26826	24.651	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	26826	62.152	ug/l #	12
95) Naphthalene	13.774	128	112	1.506	ug/l #	69

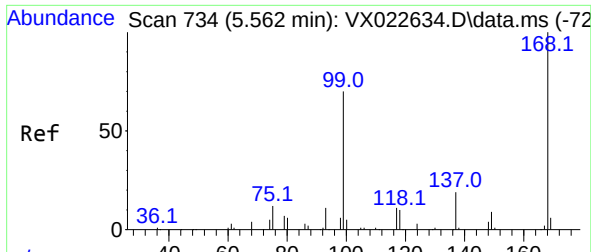
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061021\
Data File : VX022650.D
Acq On : 10 Jun 2021 17:41
Operator : JC/MD
Sample : M2652-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DUP09-20210608

Quant Time: Jun 11 06:46:33 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

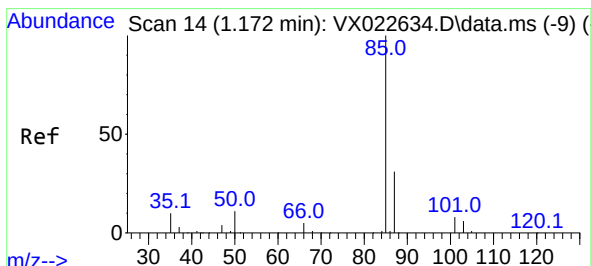
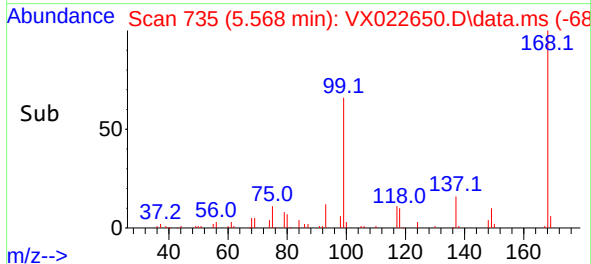
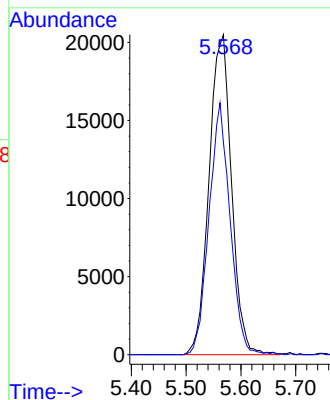
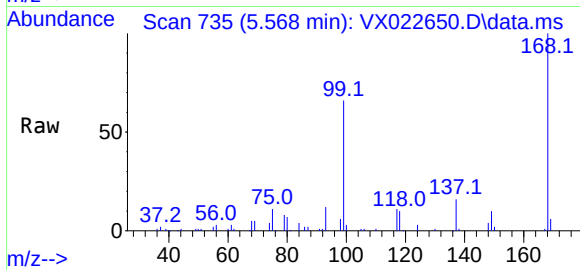




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX022650.D
Acq: 10 Jun 2021 17:41

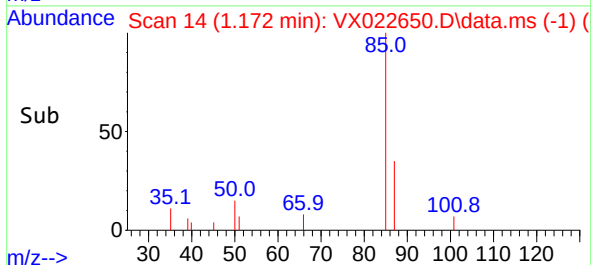
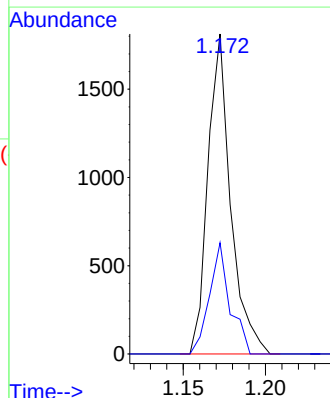
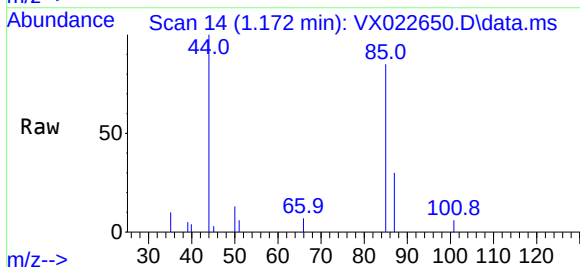
Instrument :
MSVOA_X
ClientSampleId :
DUP09-20210608

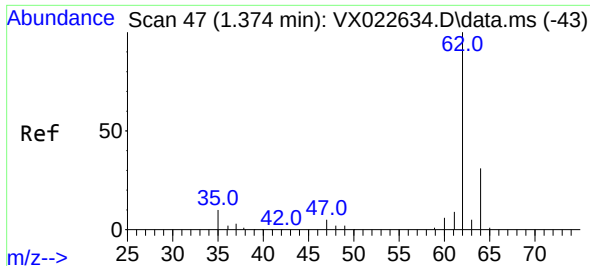
Tgt Ion:168 Resp: 58347
Ion Ratio Lower Upper
168 100
99 66.4 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 2.540 ug/l
RT: 1.172 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX022650.D
Acq: 10 Jun 2021 17:41

Tgt Ion: 85 Resp: 1739
Ion Ratio Lower Upper
85 100
87 34.7 16.4 49.2

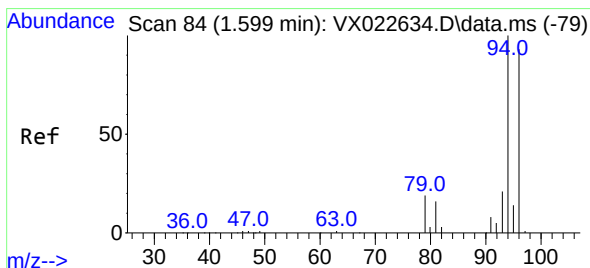
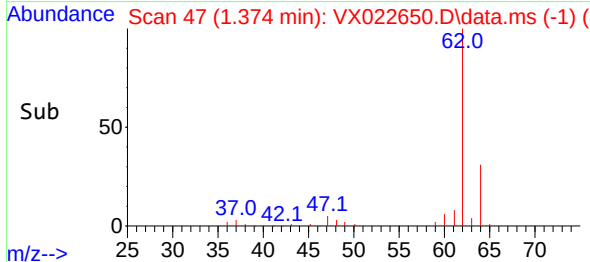
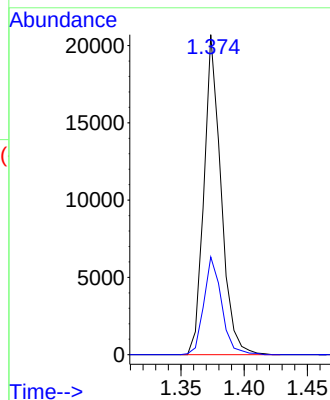
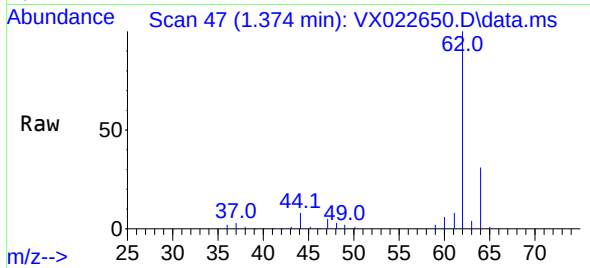




#4
 Vinyl Chloride
 Concen: 23.933 ug/l
 RT: 1.374 min Scan# 47
 Delta R.T. -0.000 min
 Lab File: VX022650.D
 Acq: 10 Jun 2021 17:41

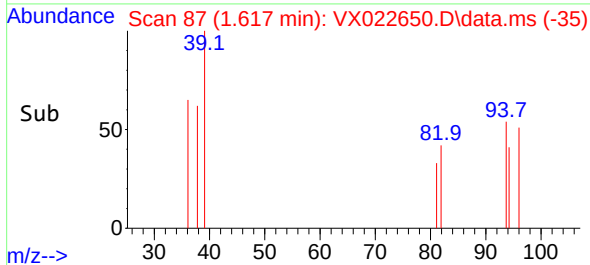
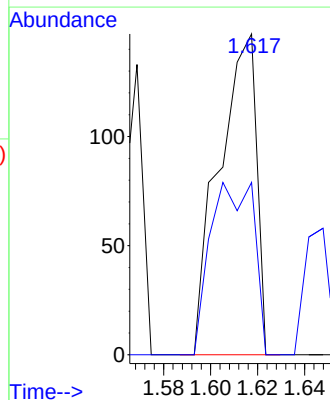
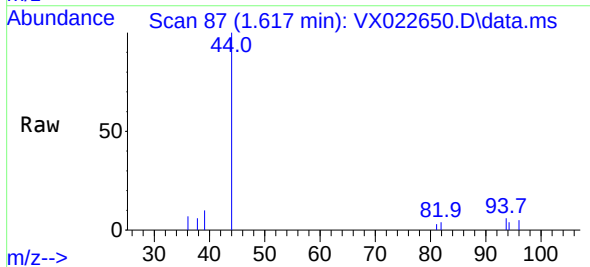
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP09-20210608

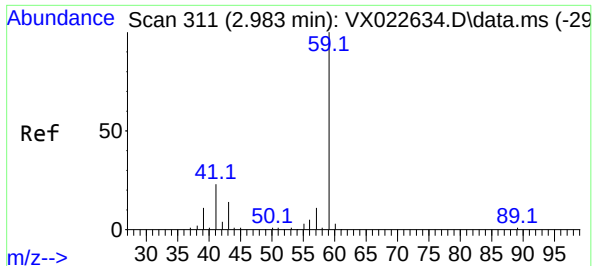
Tgt Ion: 62 Resp: 19456
 Ion Ratio Lower Upper
 62 100
 64 30.5 25.7 38.5



#5
 Bromomethane
 Concen: 0.369 ug/l
 RT: 1.617 min Scan# 87
 Delta R.T. 0.018 min
 Lab File: VX022650.D
 Acq: 10 Jun 2021 17:41

Tgt Ion: 94 Resp: 163
 Ion Ratio Lower Upper
 94 100
 96 53.7 76.4 114.6#



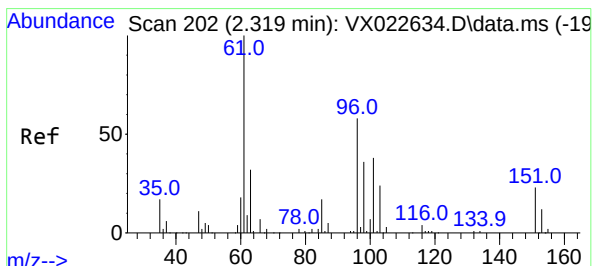
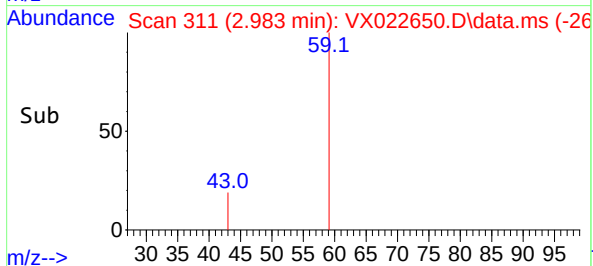
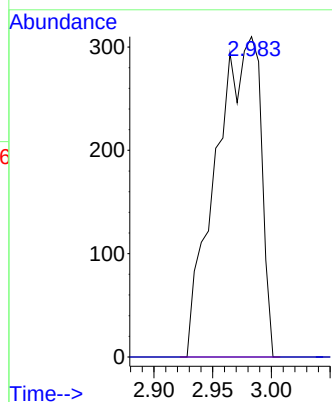
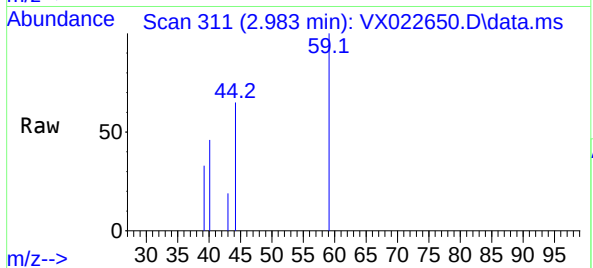


#11

Tert butyl alcohol
Concen: 3.396 ug/l
RT: 2.983 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX022650.D
Acq: 10 Jun 2021 17:41

Instrument :
MSVOA_X
ClientSampleId :
DUP09-20210608

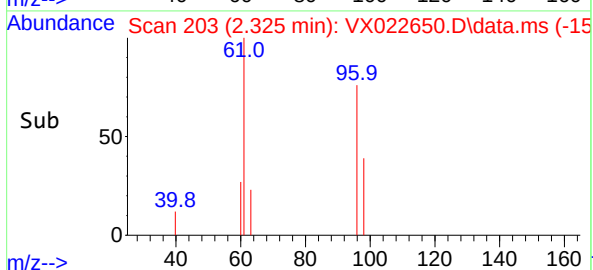
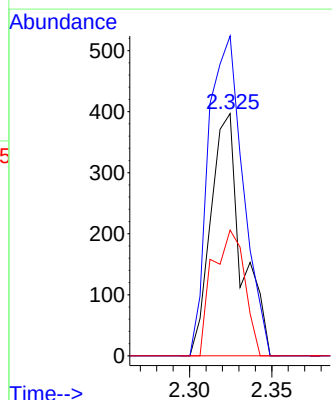
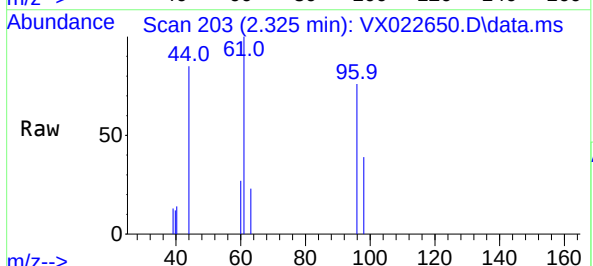
Tgt Ion: 59 Resp: 825
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

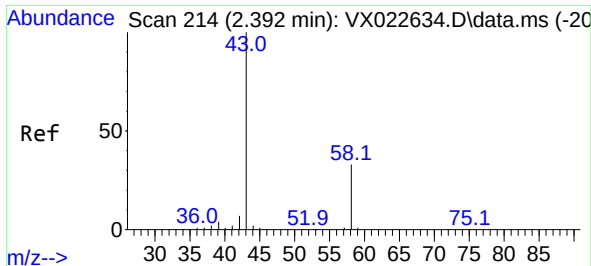


#12

1,1-Dichloroethene
Concen: 0.730 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX022650.D
Acq: 10 Jun 2021 17:41

Tgt Ion: 96 Resp: 517
Ion Ratio Lower Upper
96 100
61 132.0 124.6 187.0
98 51.9 50.6 76.0

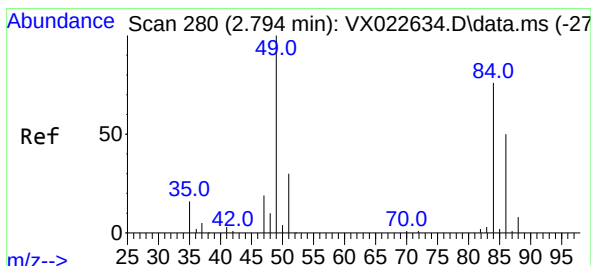
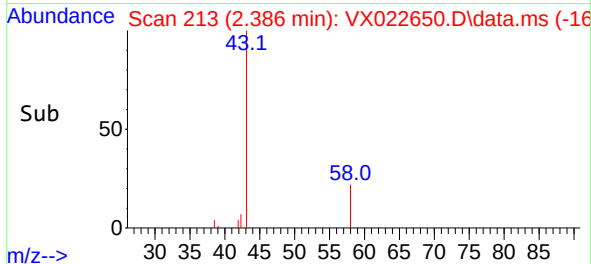
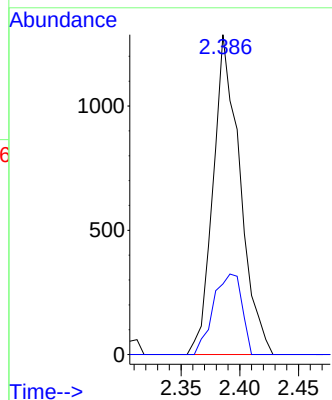
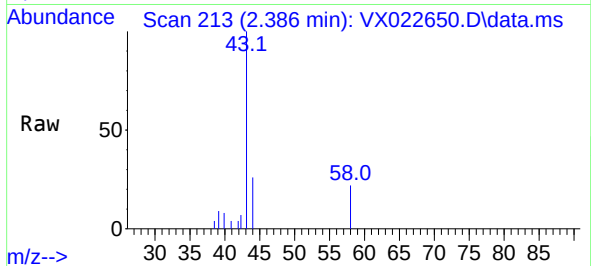




#16
Acetone
Concen: 4.352 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022650.D
Acq: 10 Jun 2021 17:41

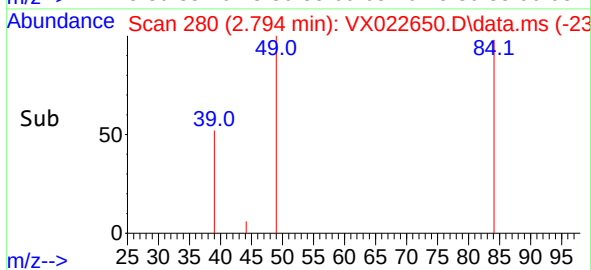
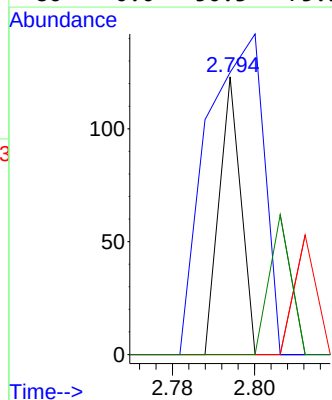
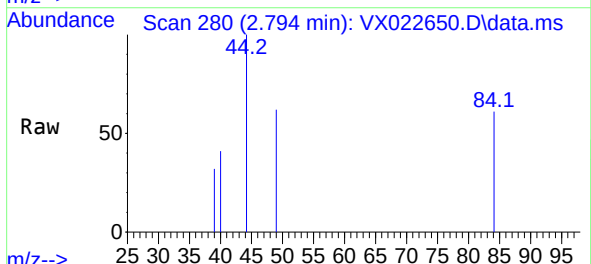
Instrument :
MSVOA_X
ClientSampleId :
DUP09-20210608

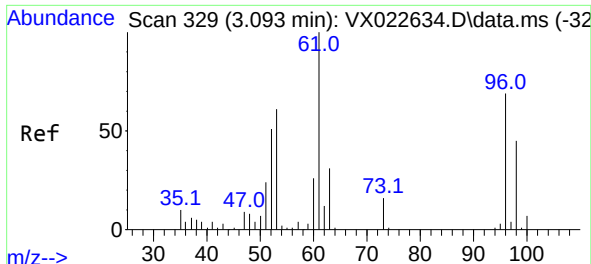
Tgt Ion: 43 Resp: 2045
Ion Ratio Lower Upper
43 100
58 22.1 27.8 41.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022650.D
Acq: 10 Jun 2021 17:41

Tgt Ion: 84 Resp: 45
Ion Ratio Lower Upper
84 100
49 101.6 88.6 132.8
51 0.0 27.0 40.6#
86 0.0 50.3 75.5#

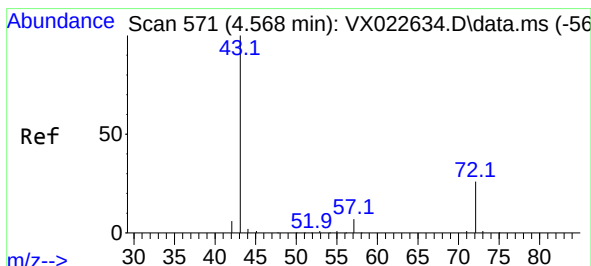
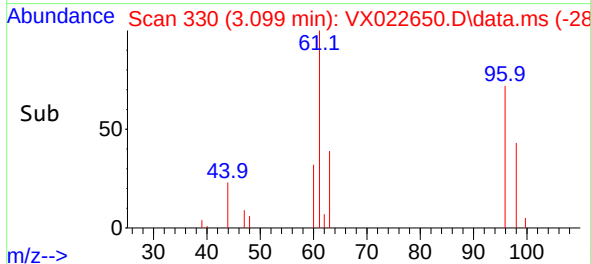
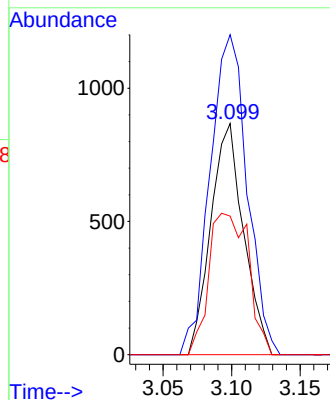
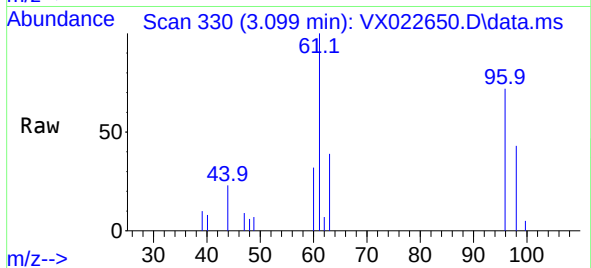




#21
trans-1,2-Dichloroethene
Concen: 1.837 ug/l
RT: 3.099 min Scan# 330
Delta R.T. 0.006 min
Lab File: VX022650.D
Acq: 10 Jun 2021 17:41

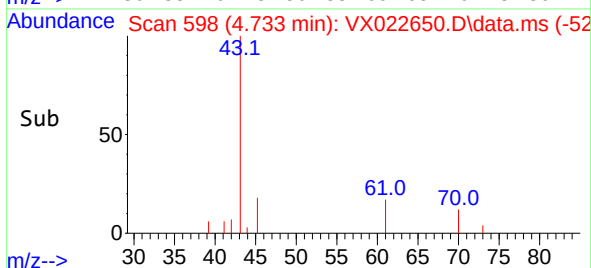
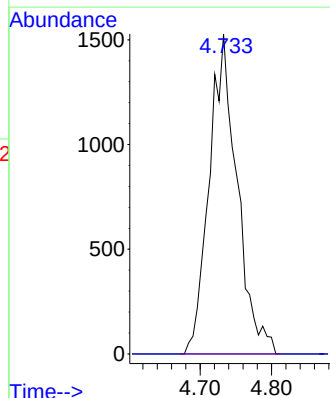
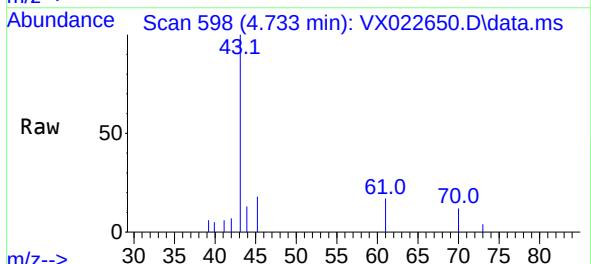
Instrument :
MSVOA_X
ClientSampleId :
DUP09-20210608

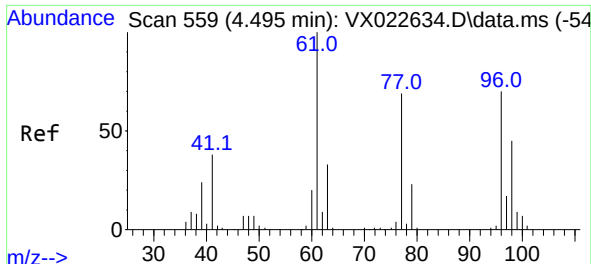
Tgt Ion: 96 Resp: 1442
Ion Ratio Lower Upper
96 100
61 138.4 107.7 161.5
98 59.9 50.4 75.6



#25
2-Butanone
Concen: 5.434 ug/l
RT: 4.733 min Scan# 598
Delta R.T. 0.165 min
Lab File: VX022650.D
Acq: 10 Jun 2021 17:41

Tgt Ion: 43 Resp: 4141
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



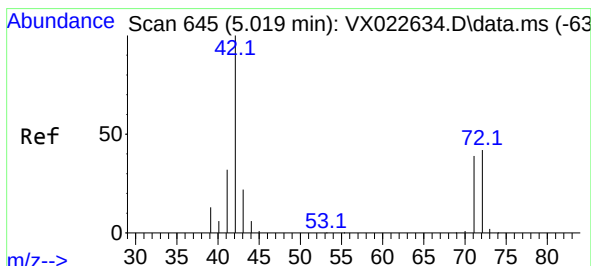
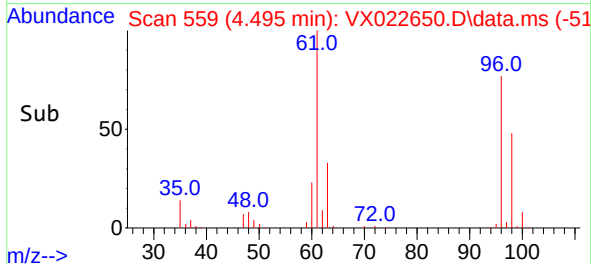
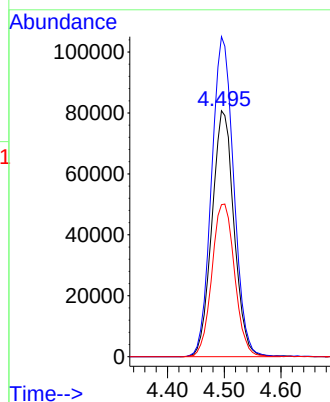
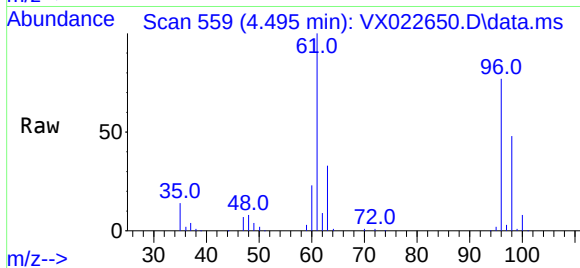


#27
cis-1,2-Dichloroethene
Concen: 228.097 ug/l
RT: 4.495 min Scan# 559
Delta R.T. -0.000 min
Lab File: VX022650.D
Acq: 10 Jun 2021 17:41

Instrument :
MSVOA_X
ClientSampleId :
DUP09-20210608

Tgt Ion: 96 Resp: 218145

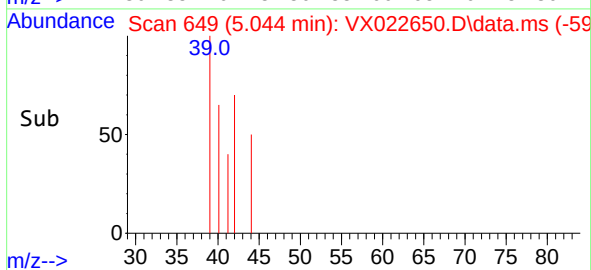
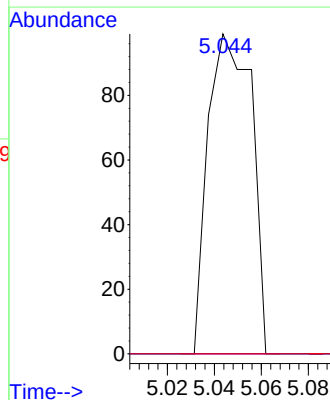
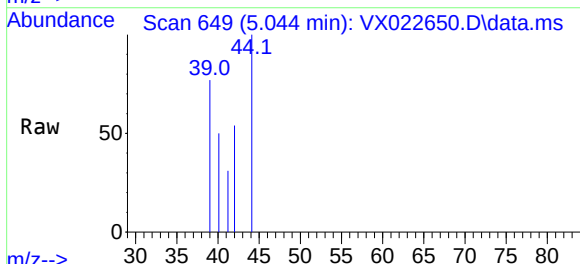
Ion	Ratio	Lower	Upper
96	100		
61	130.8	0.0	285.6
98	64.0	0.0	129.6

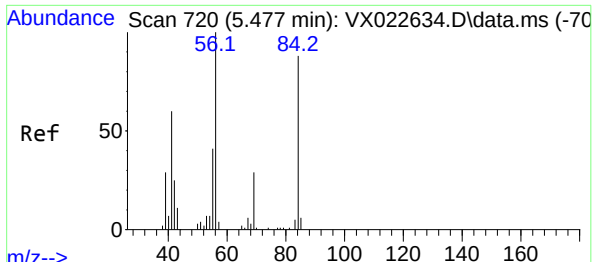


#29
Tetrahydrofuran
Concen: 0.288 ug/l
RT: 5.044 min Scan# 649
Delta R.T. 0.031 min
Lab File: VX022650.D
Acq: 10 Jun 2021 17:41

Tgt Ion: 42 Resp: 128

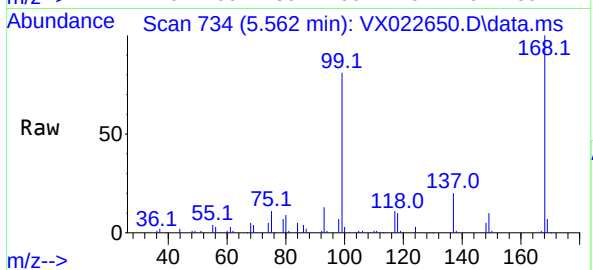
Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	0.0	38.4	57.6#



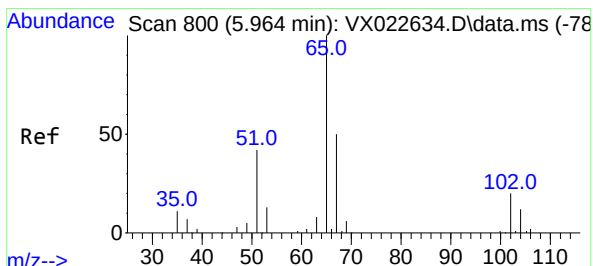
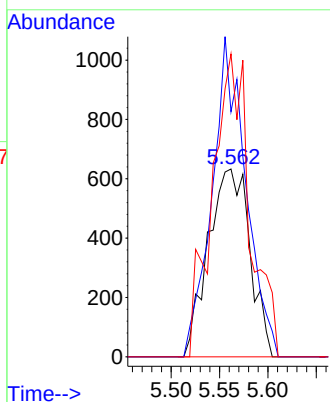
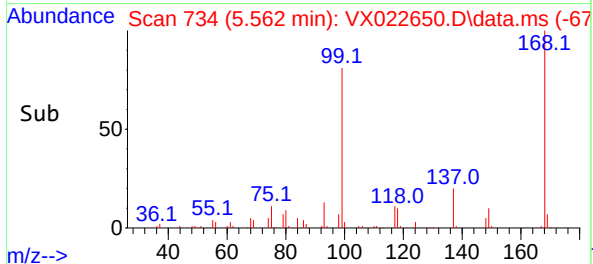


#31
Cyclohexane
Concen: 1.499 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX022650.D
Acq: 10 Jun 2021 17:41

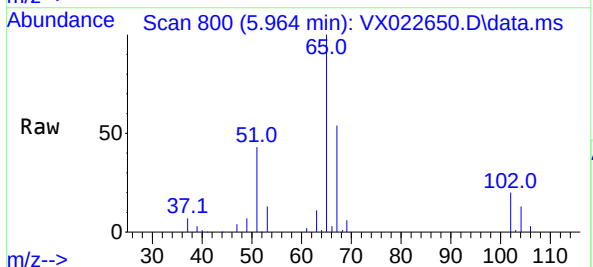
Instrument :
MSVOA_X
ClientSampleId :
DUP09-20210608



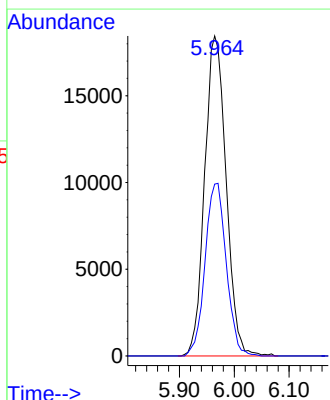
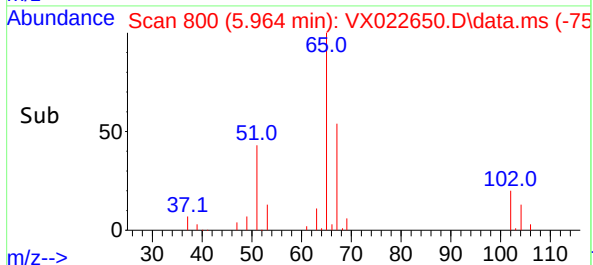
Tgt Ion: 56 Resp: 1898
Ion Ratio Lower Upper
56 100
69 130.5 25.3 37.9#
84 161.3 71.4 107.0#

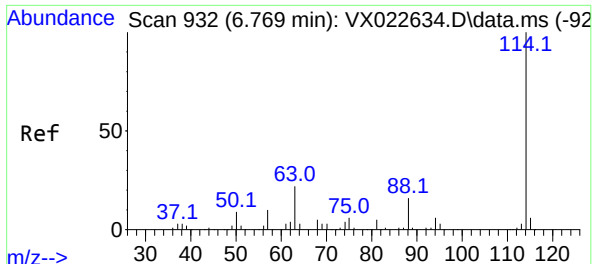


#33
1,2-Dichloroethane-d4
Concen: 47.750 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022650.D
Acq: 10 Jun 2021 17:41



Tgt Ion: 65 Resp: 50107
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.4

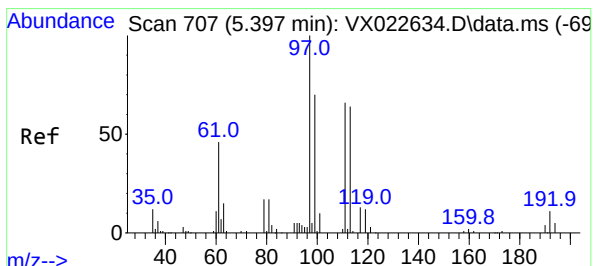
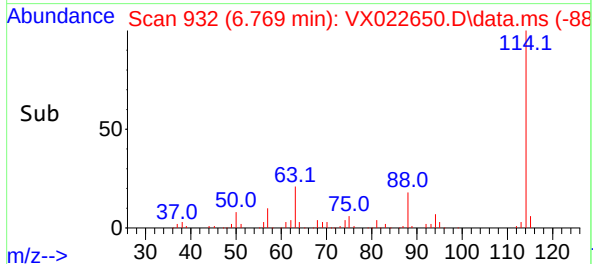
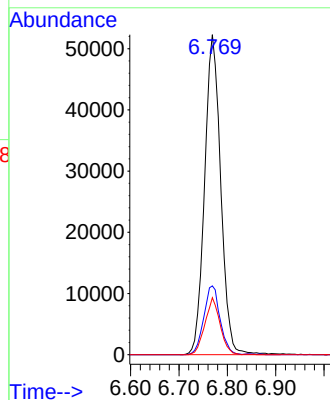
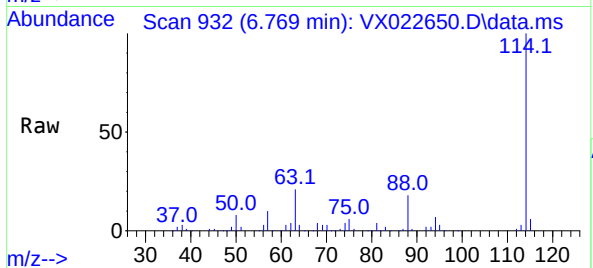




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022650.D
Acq: 10 Jun 2021 17:41

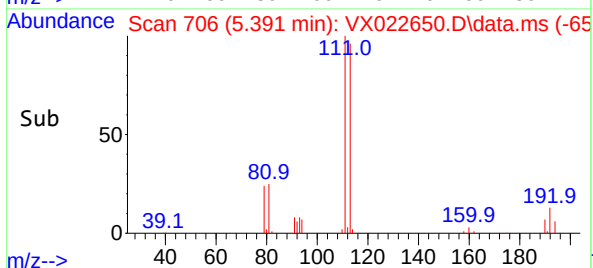
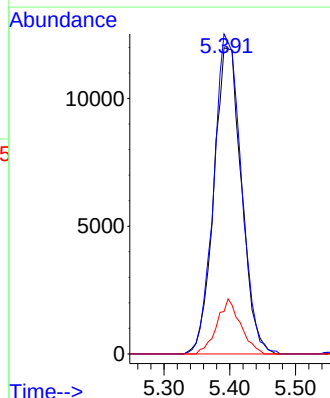
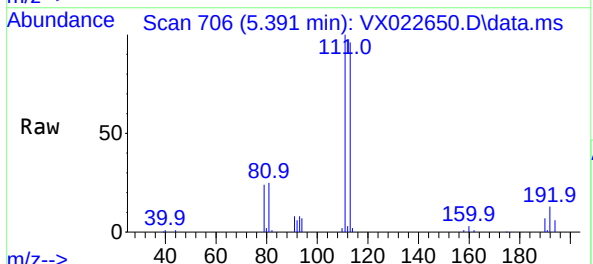
Instrument :
MSVOA_X
ClientSampleId :
DUP09-20210608

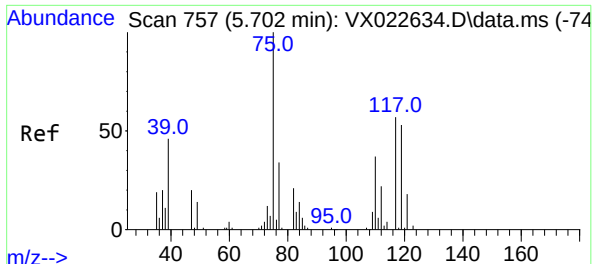
Tgt Ion:	114	Resp:	121183
Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	40.8
88	17.8	0.0	32.8



#35
Dibromofluoromethane
Concen: 45.285 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX022650.D
Acq: 10 Jun 2021 17:41

Tgt Ion:	113	Resp:	35013
Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.9	122.9
192	15.4	16.7	25.1#



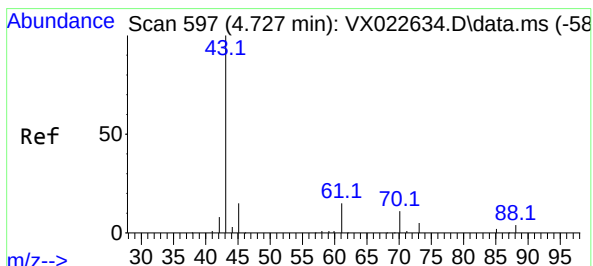
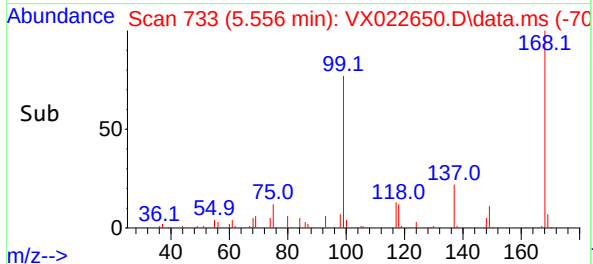
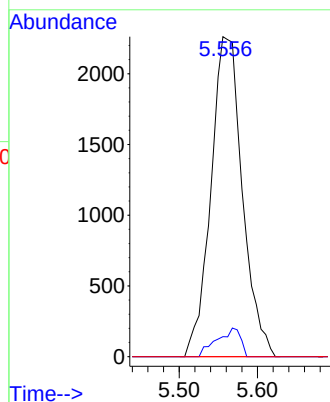
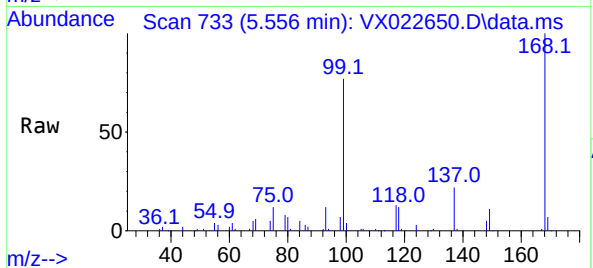


#36

1,1-Dichloropropene
Concen: 5.233 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX022650.D
Acq: 10 Jun 2021 17:41

Instrument :
MSVOA_X
ClientSampleId :
DUP09-20210608

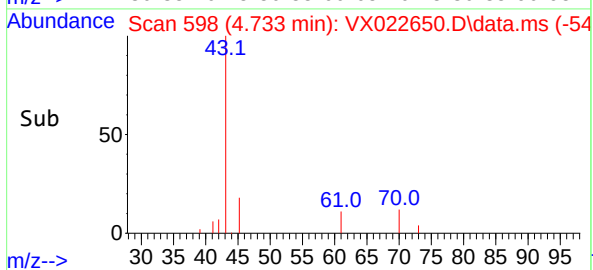
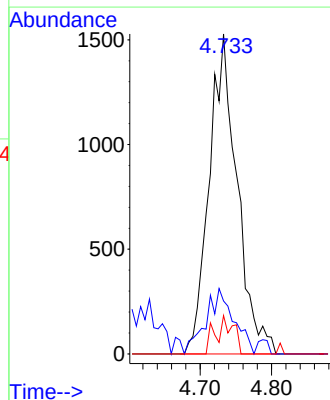
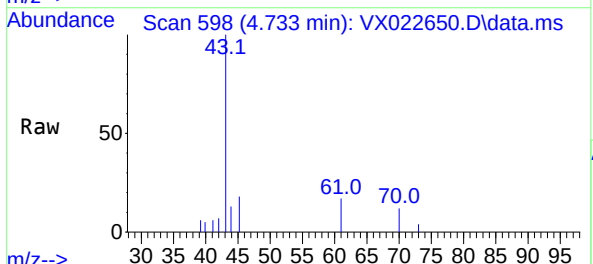
Tgt Ion: 75 Resp: 6319
Ion Ratio Lower Upper
75 100
110 6.7 18.1 54.4#
77 0.0 25.3 37.9#

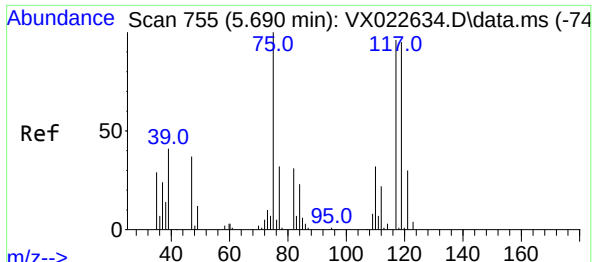


#37

Ethyl Acetate
Concen: 2.698 ug/l
RT: 4.733 min Scan# 598
Delta R.T. 0.006 min
Lab File: VX022650.D
Acq: 10 Jun 2021 17:41

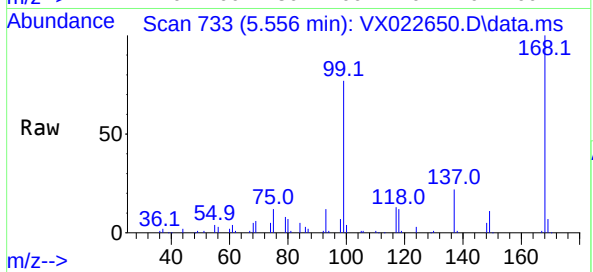
Tgt Ion: 43 Resp: 4141
Ion Ratio Lower Upper
43 100
61 0.0 12.8 19.2#
70 4.9 10.5 15.7#



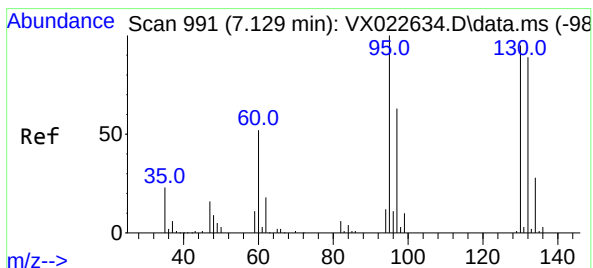
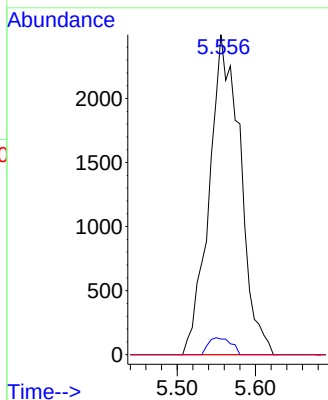
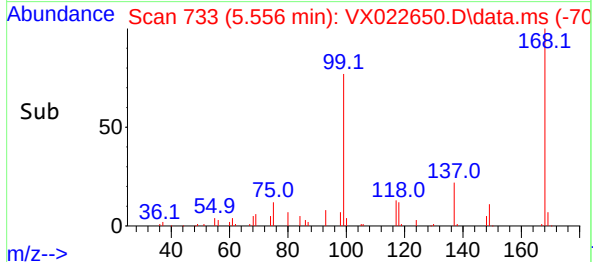


#38
Carbon Tetrachloride
Concen: 6.671 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX022650.D
Acq: 10 Jun 2021 17:41

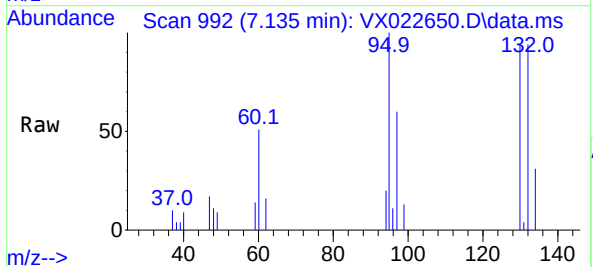
Instrument :
MSVOA_X
ClientSampleId :
DUP09-20210608



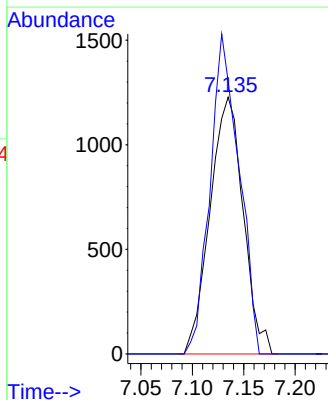
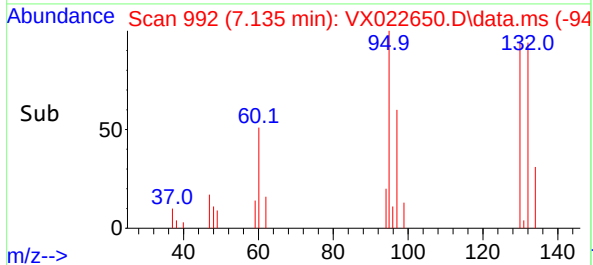
Tgt Ion:117 Resp: 6890
Ion Ratio Lower Upper
117 100
119 4.9 76.2 114.2#
121 0.0 24.8 37.2#

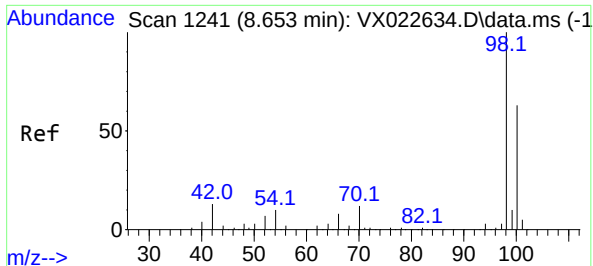


#44
Trichloroethene
Concen: 3.267 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX022650.D
Acq: 10 Jun 2021 17:41



Tgt Ion:130 Resp: 2755
Ion Ratio Lower Upper
130 100
95 106.2 0.0 198.0

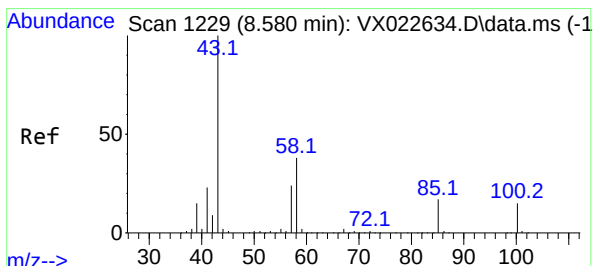
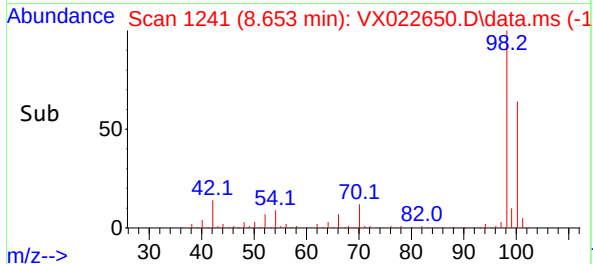
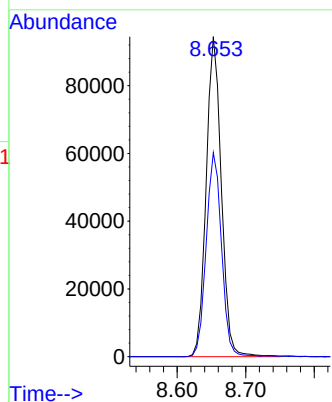
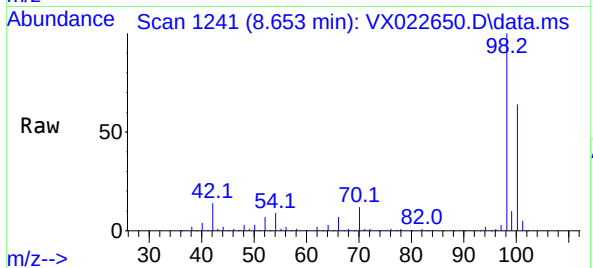




#50
Toluene-d8
Concen: 47.767 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022650.D
Acq: 10 Jun 2021 17:41

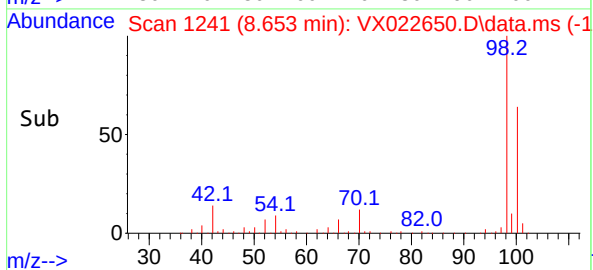
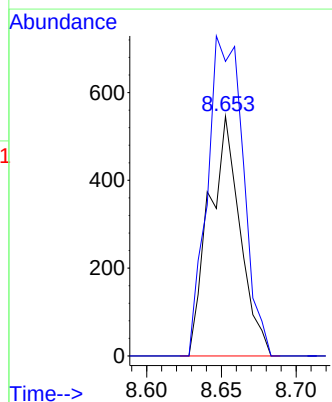
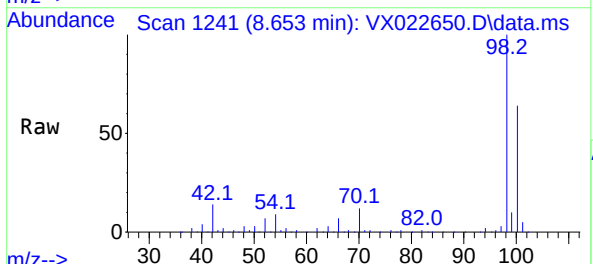
Instrument :
MSVOA_X
ClientSampleId :
DUP09-20210608

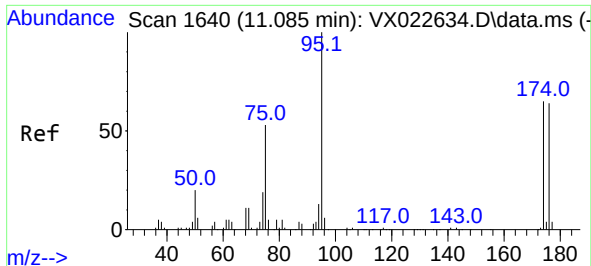
Tgt Ion: 98 Resp: 145590
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.513 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022650.D
Acq: 10 Jun 2021 17:41

Tgt Ion: 43 Resp: 789
Ion Ratio Lower Upper
43 100
58 153.5 35.4 53.0#

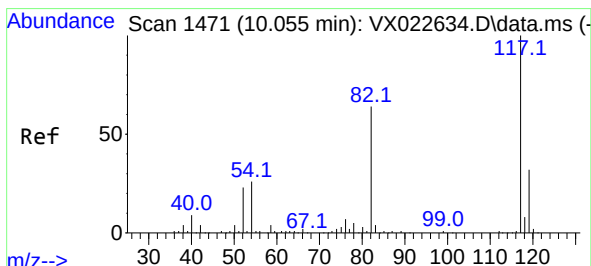
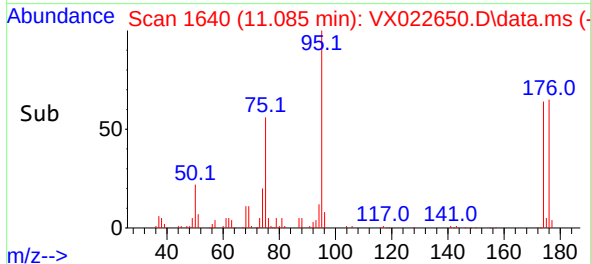
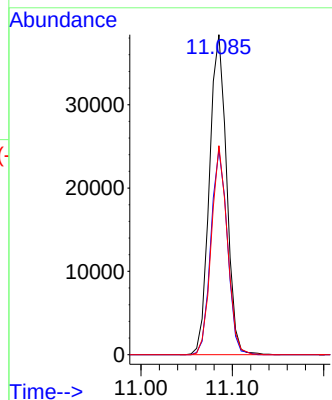
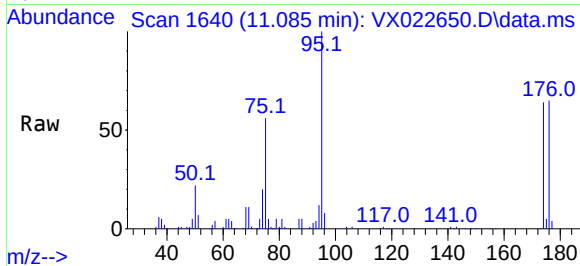




#62
4-Bromofluorobenzene
Concen: 43.312 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022650.D
Acq: 10 Jun 2021 17:41

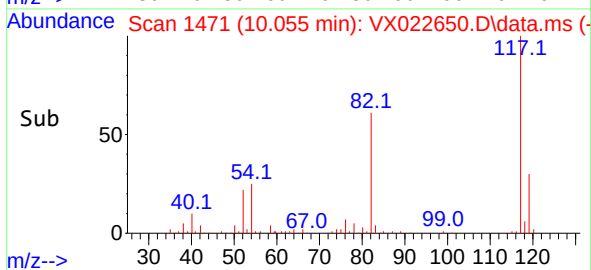
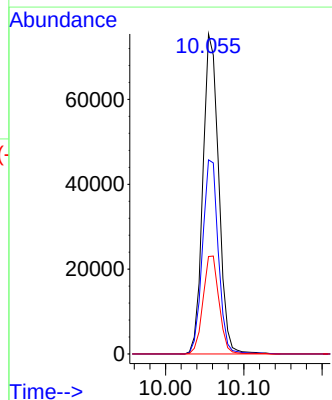
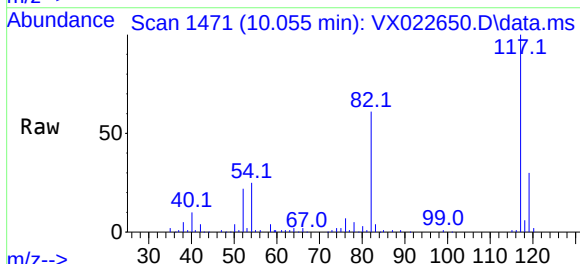
Instrument :
MSVOA_X
ClientSampleId :
DUP09-20210608

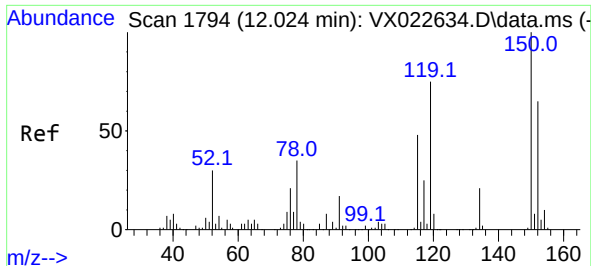
Tgt Ion: 95 Resp: 49927
Ion Ratio Lower Upper
95 100
174 61.5 0.0 154.6
176 61.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX022650.D
Acq: 10 Jun 2021 17:41

Tgt Ion: 117 Resp: 105435
Ion Ratio Lower Upper
117 100
82 60.7 47.4 71.2
119 30.5 26.6 39.8

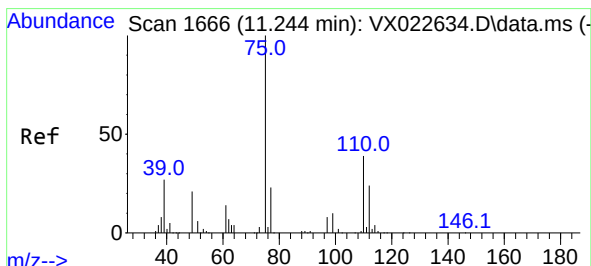
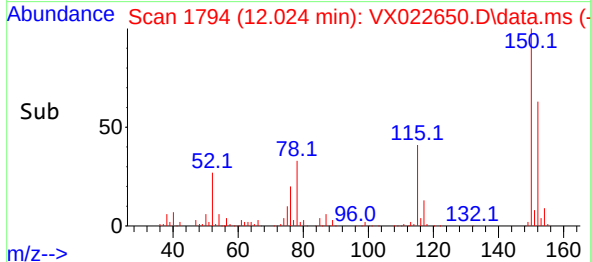
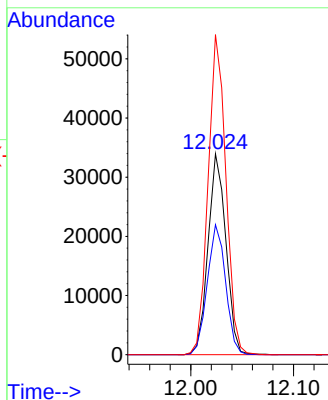
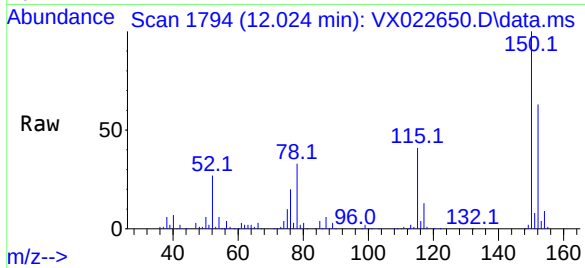




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX022650.D
Acq: 10 Jun 2021 17:41

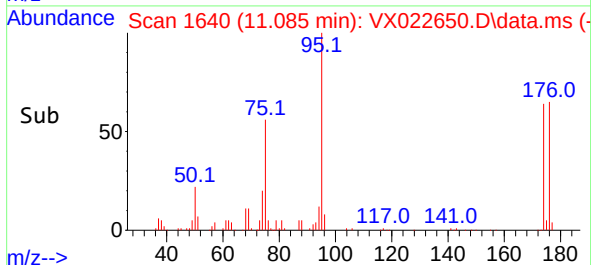
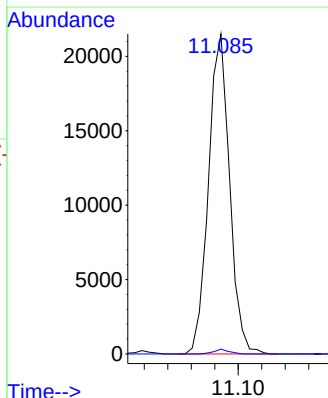
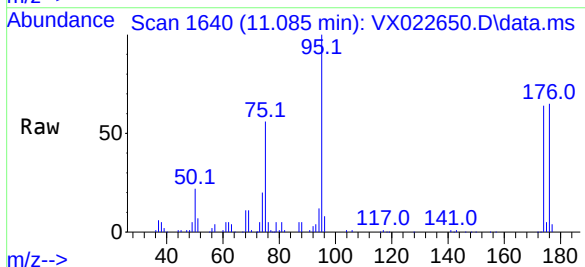
Instrument :
MSVOA_X
ClientSampleId :
DUP09-20210608

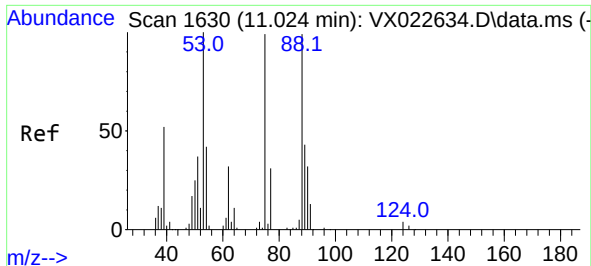
Tgt Ion:152 Resp: 41044
Ion Ratio Lower Upper
152 100
115 66.4 41.1 123.3
150 157.9 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 24.651 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022650.D
Acq: 10 Jun 2021 17:41

Tgt Ion: 75 Resp: 26826
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#

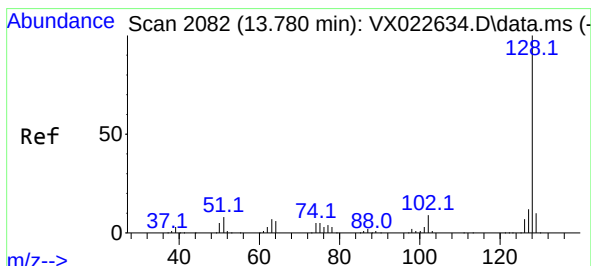
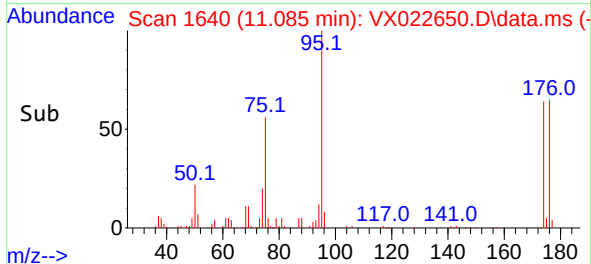
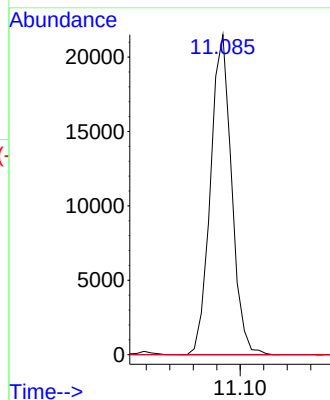
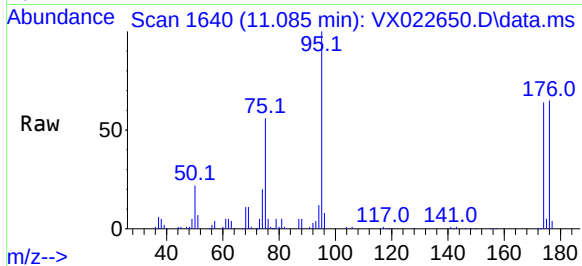




#81
trans-1,4-Dichloro-2-butene
Concen: 62.152 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022650.D
Acq: 10 Jun 2021 17:41

Instrument :
MSVOA_X
ClientSampleId :
DUP09-20210608

Tgt Ion: 75 Resp: 26826
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.506 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX022650.D
Acq: 10 Jun 2021 17:41

Tgt Ion: 128 Resp: 112
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

