

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060921\
 Data File : VX022615.D
 Acq On : 09 Jun 2021 15:43
 Operator : JC/MD
 Sample : M2652-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 40S-20210608

Quant Time: Jun 10 05:43:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 07 14:27:50 2021
 Response via : Initial Calibration

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

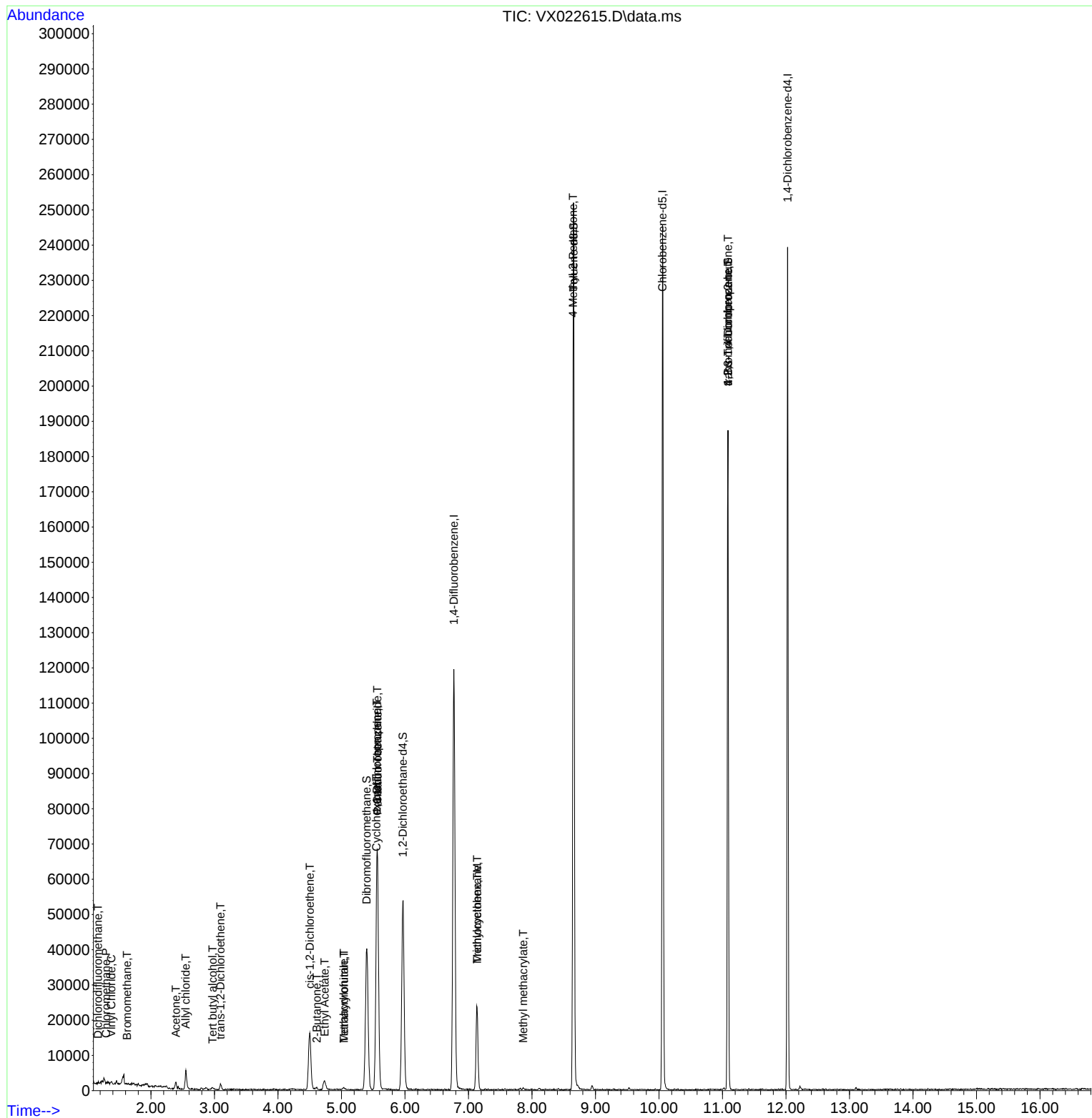
Internal Standards						
1) Pentafluorobenzene	5.568	168	57788	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	118224	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	104753	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	41866	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	49686	48.36	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.72%
35) Dibromofluoromethane	5.398	113	35085	47.43	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.86%
50) Toluene-d8	8.653	98	144032	48.80	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.60%
62) 4-Bromofluorobenzene	11.086	95	50570	46.10	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.20%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	197	0.29	ug/l #	42
3) Chloromethane	1.295	50	251	0.31	ug/l #	42
4) Vinyl Chloride	1.374	62	484	0.61	ug/l	94
5) Bromomethane	1.624	94	85	0.20	ug/l #	77
11) Tert butyl alcohol	2.971	59	676	2.93	ug/l #	73
14) Allyl chloride	2.544	41	533	0.40	ug/l #	72
16) Acetone	2.392	43	2218	4.80	ug/l #	88
21) trans-1,2-Dichloroethene	3.093	96	645	0.78	ug/l	93
25) 2-Butanone	4.611	43	177	0.23	ug/l #	45
27) cis-1,2-Dichloroethene	4.501	96	10090	10.41	ug/l	91
29) Tetrahydrofuran	5.038	42	402	0.90	ug/l #	73
31) Cyclohexane	5.550	56	1782	1.47	ug/l #	55
36) 1,1-Dichloropropene	5.556	75	5952	5.20	ug/l #	47
37) Ethyl Acetate	4.733	43	4606	3.14	ug/l	98
38) Carbon Tetrachloride	5.562	117	6789	8.21	ug/l #	17
39) Methylcyclohexane	7.135	83	34	1.87	ug/l #	19
41) Methacrylonitrile	5.038	41	245	0.30	ug/l #	19
44) Trichloroethene	7.135	130	8544	10.26	ug/l	98
48) Methyl methacrylate	7.860	41	236	0.21	ug/l #	4
51) 4-Methyl-2-Pentanone	8.647	43	740	0.50	ug/l #	1
76) 1,2,3-Trichloropropane	11.086	75	28314	26.11	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.086	75	28314	64.35	ug/l #	12

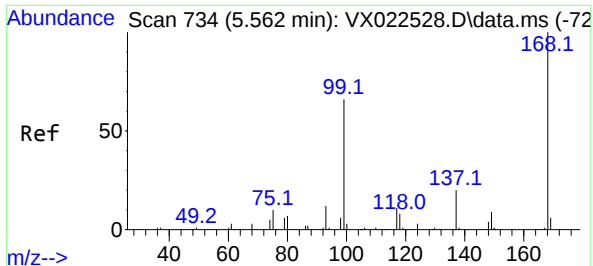
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

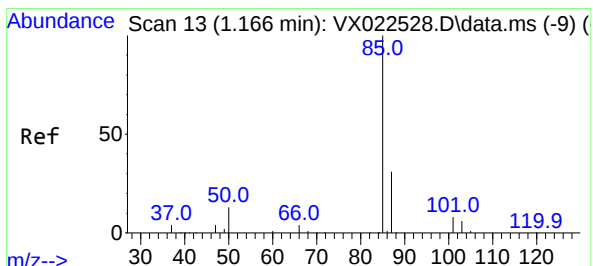
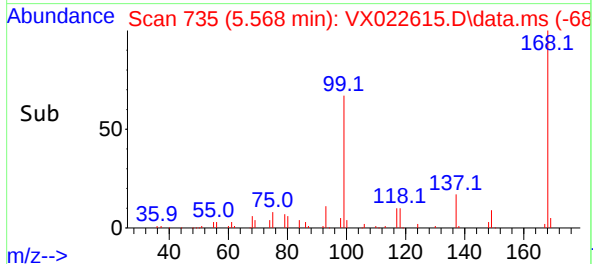
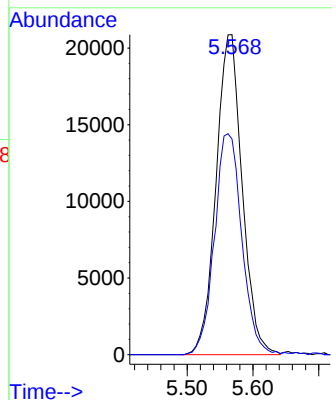
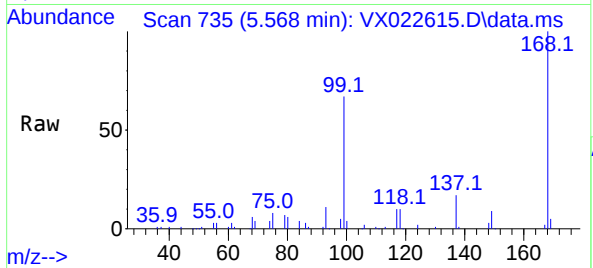




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX022615.D
Acq: 09 Jun 2021 15:43

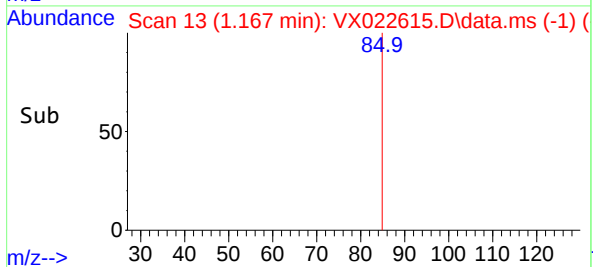
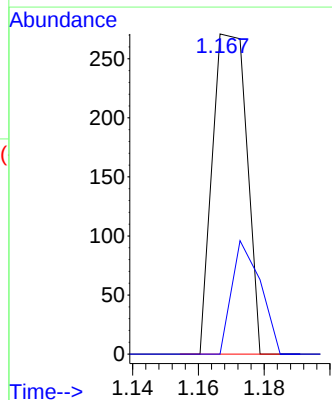
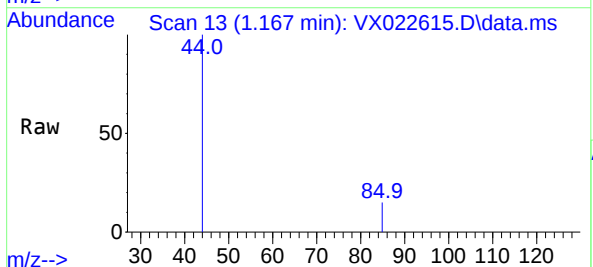
Instrument :
MSVOA_X
ClientSampleId :
40S-20210608

Tgt Ion:168 Resp: 57788
Ion Ratio Lower Upper
168 100
99 67.3 45.8 68.6

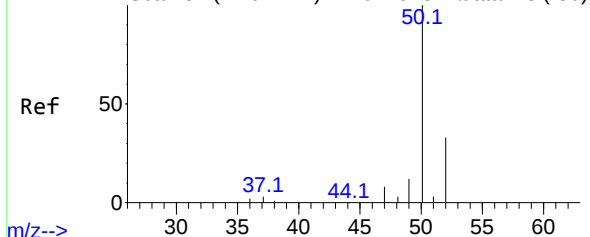


#2
Dichlorodifluoromethane
Concen: 0.29 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX022615.D
Acq: 09 Jun 2021 15:43

Tgt Ion: 85 Resp: 197
Ion Ratio Lower Upper
85 100
87 0.0 16.4 49.2#

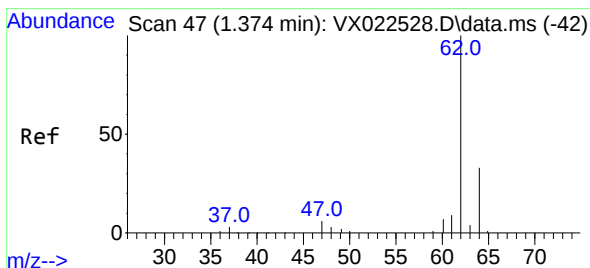
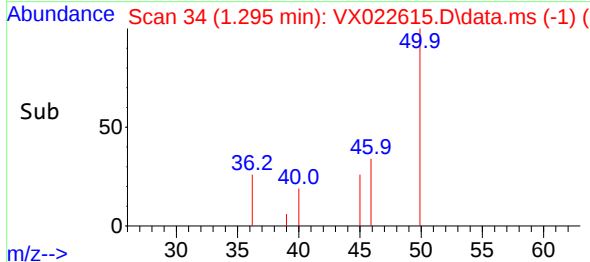
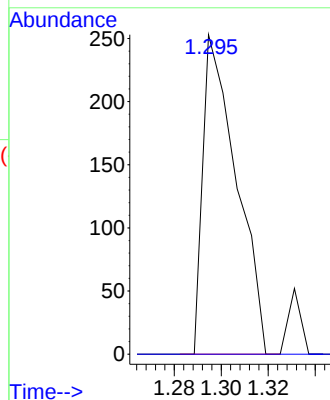
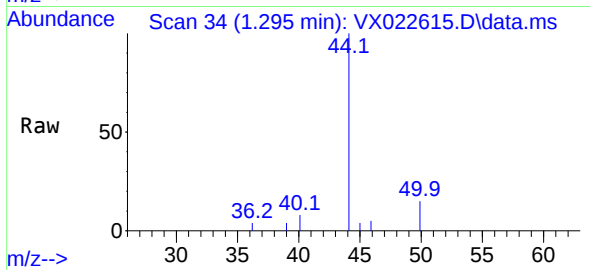


Abundance Scan 34 (1.294 min): VX022528.D\data.ms (-30)



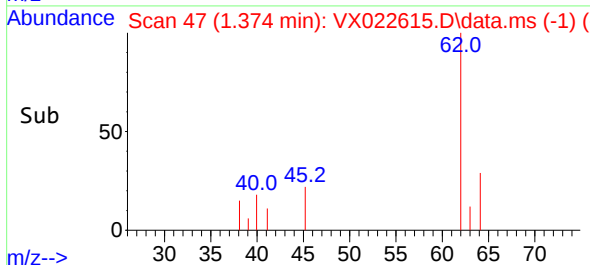
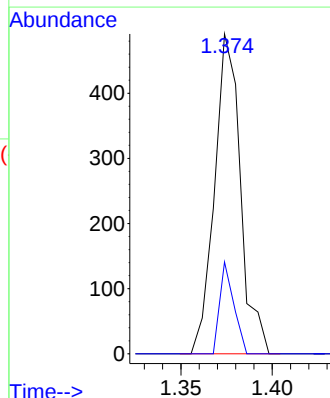
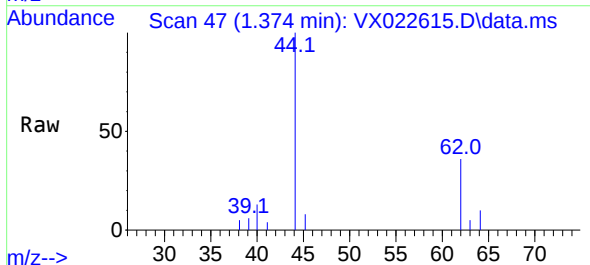
#3
Chloromethane
Concen: 0.31 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX022615.D
Acq: 09 Jun 2021 15:43

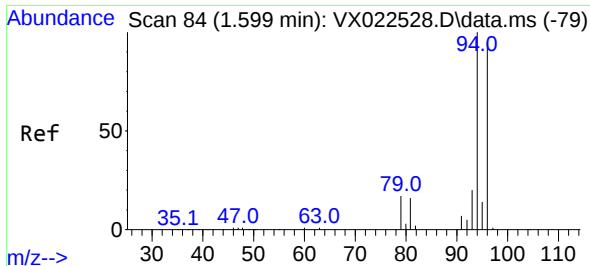
Tgt Ion: 50 Resp: 251
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#



#4
Vinyl Chloride
Concen: 0.61 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX022615.D
Acq: 09 Jun 2021 15:43

Tgt Ion: 62 Resp: 484
Ion Ratio Lower Upper
62 100
64 28.7 25.7 38.5

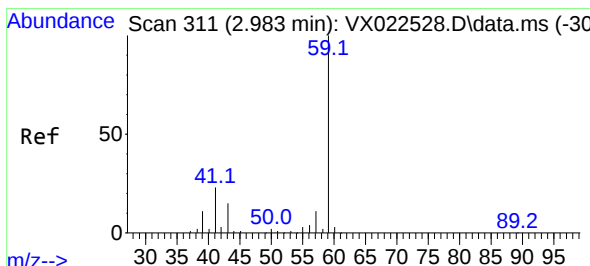
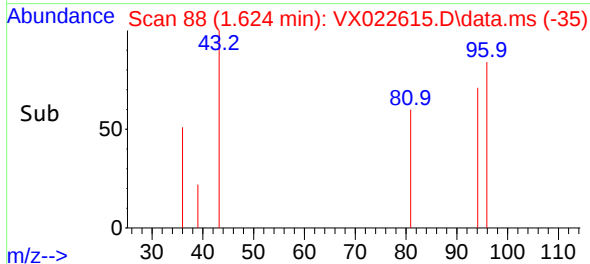
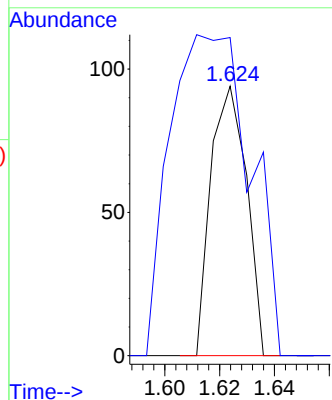
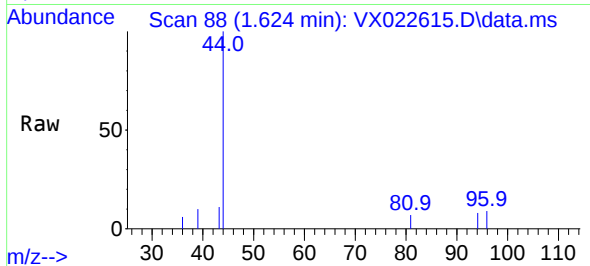




#5
Bromomethane
Concen: 0.20 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX022615.D
Acq: 09 Jun 2021 15:43

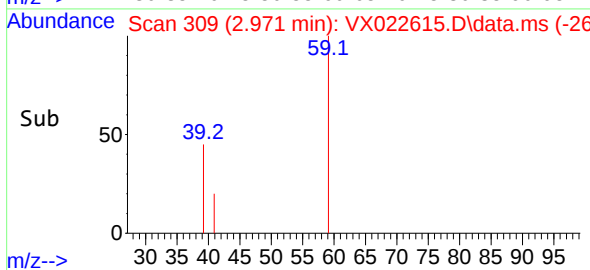
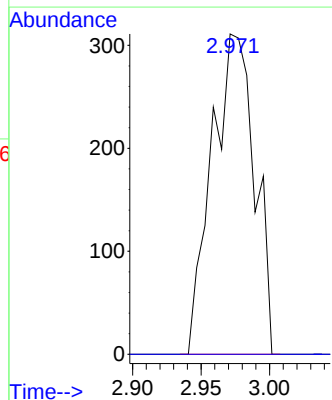
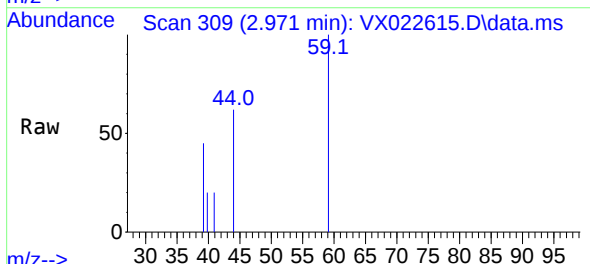
Instrument :
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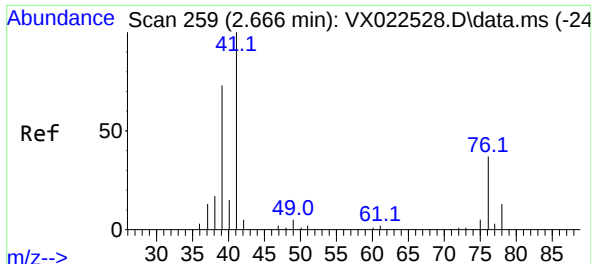
Tgt Ion: 94 Resp: 85
Ion Ratio Lower Upper
94 100
96 118.1 76.4 114.6#



#11
Tert butyl alcohol
Concen: 2.93 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX022615.D
Acq: 09 Jun 2021 15:43

Tgt Ion: 59 Resp: 676
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

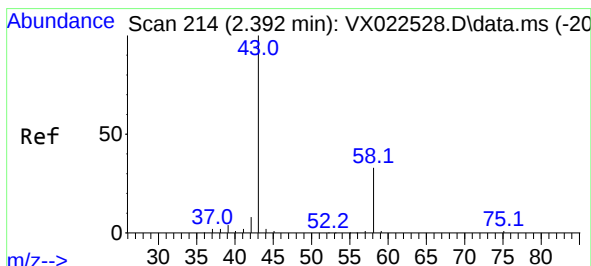
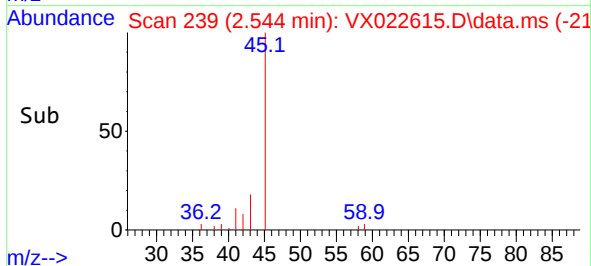
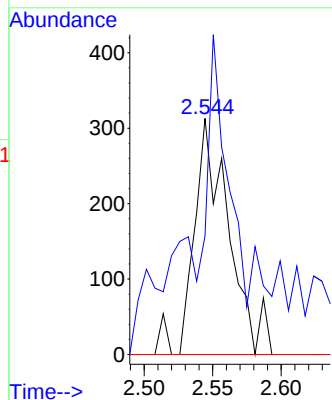
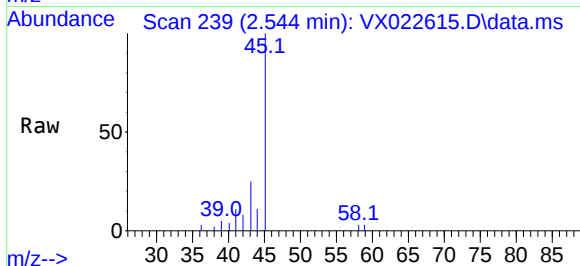




#14
Allyl chloride
Concen: 0.40 ug/l
RT: 2.544 min Scan# 239
Delta R.T. -0.122 min
Lab File: VX022615.D
Acq: 09 Jun 2021 15:43

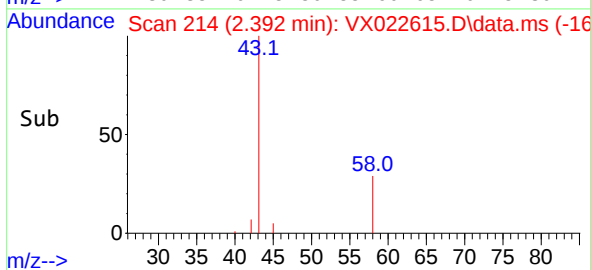
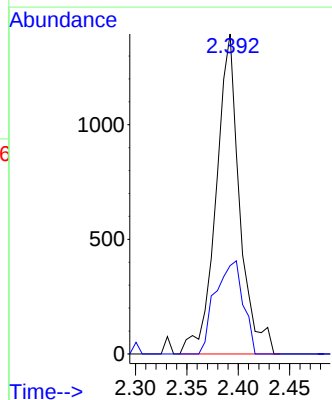
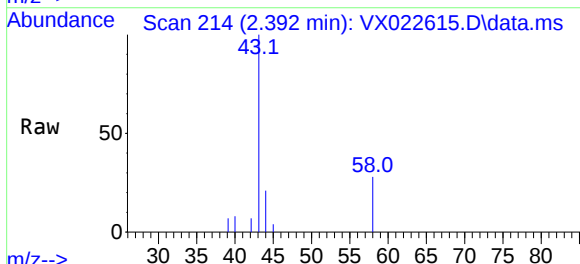
Instrument :
MSVOA_X
ClientSampleId :
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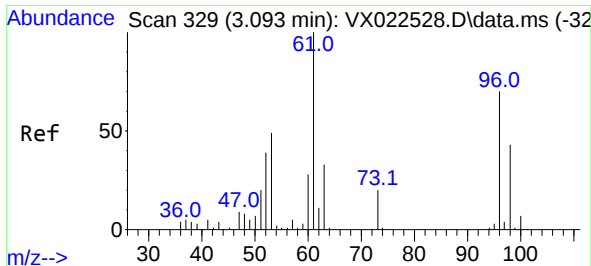
Tgt Ion:	41	Resp:	533
Ion	Ratio	Lower	Upper
41	100		
39	69.8	51.6	77.4
76	0.0	30.5	45.7#



#16
Acetone
Concen: 4.80 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022615.D
Acq: 09 Jun 2021 15:43

Tgt Ion:	43	Resp:	2218
Ion	Ratio	Lower	Upper
43	100		
58	27.6	27.8	41.8#

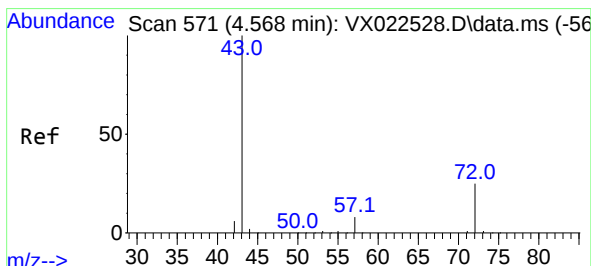
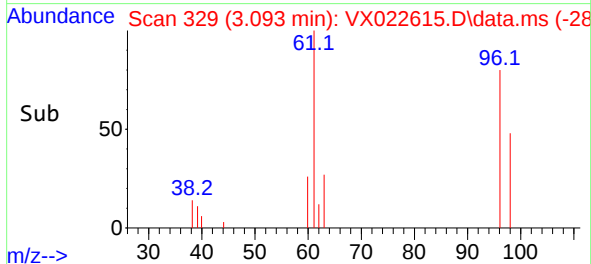
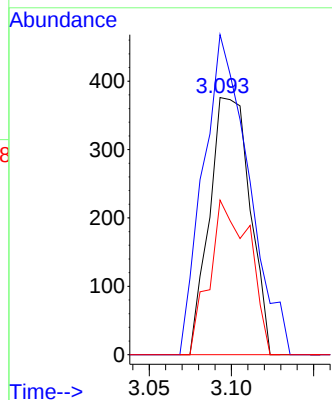
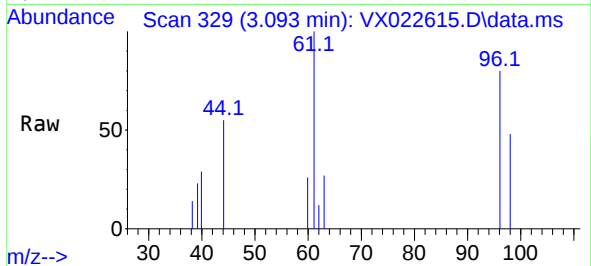




#21
trans-1,2-Dichloroethene
Concen: 0.78 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.000 min
Lab File: VX022615.D
Acq: 09 Jun 2021 15:43

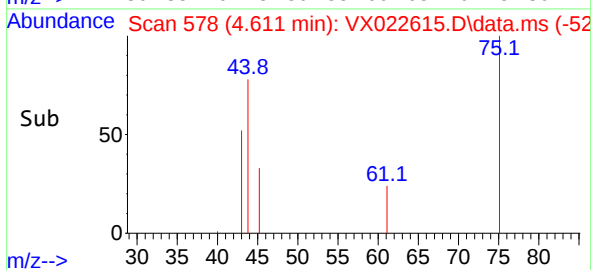
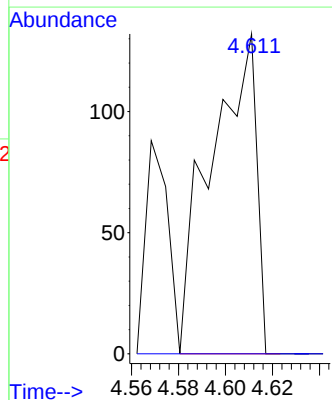
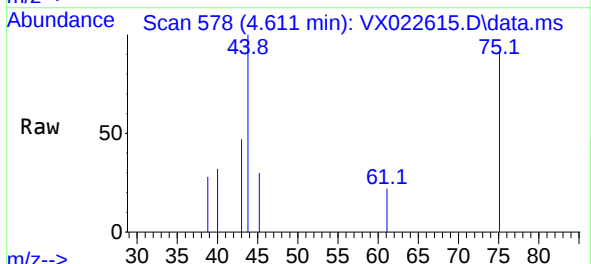
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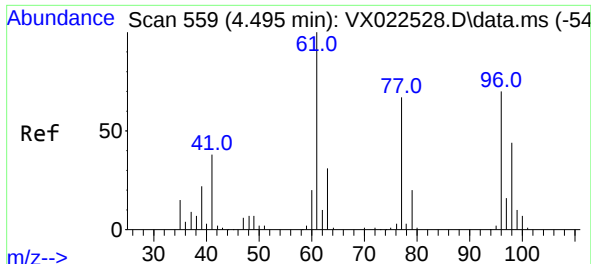
Tgt Ion: 96 Resp: 645
Ion Ratio Lower Upper
96 100
61 124.5 107.7 161.5
98 60.1 50.4 75.6



#25
2-Butanone
Concen: 0.23 ug/l
RT: 4.611 min Scan# 578
Delta R.T. 0.043 min
Lab File: VX022615.D
Acq: 09 Jun 2021 15:43

Tgt Ion: 43 Resp: 177
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



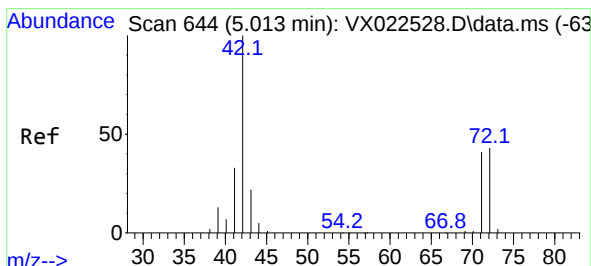
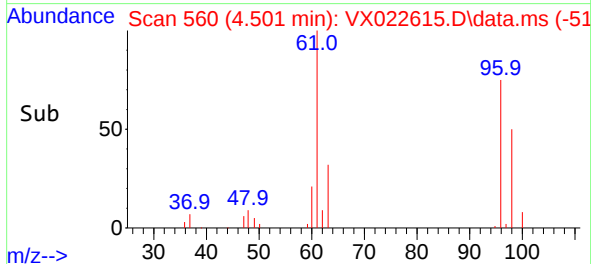
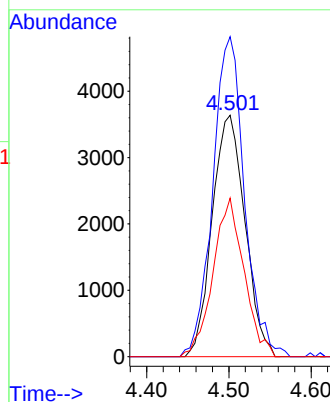
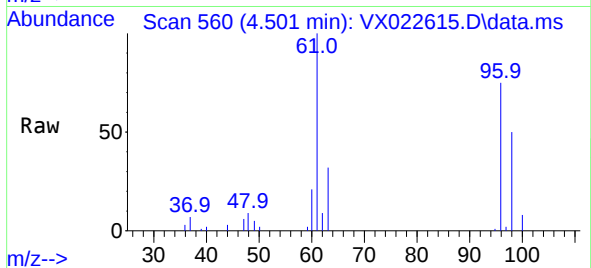


#27
cis-1,2-Dichloroethene
Concen: 10.41 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.006 min
Lab File: VX022615.D
Acq: 09 Jun 2021 15:43

Instrument :
MSVOA_X
ClientSampleId :
40S-20210608

Tgt Ion: 96 Resp: 10090

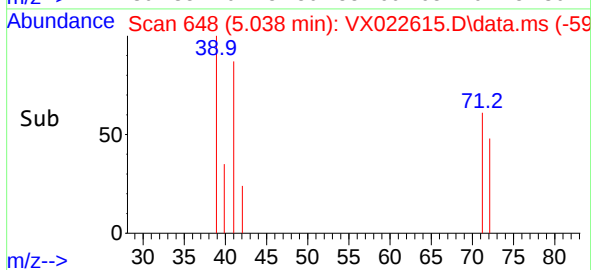
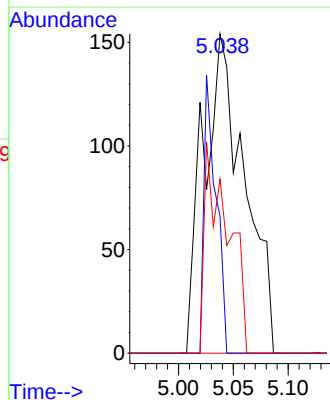
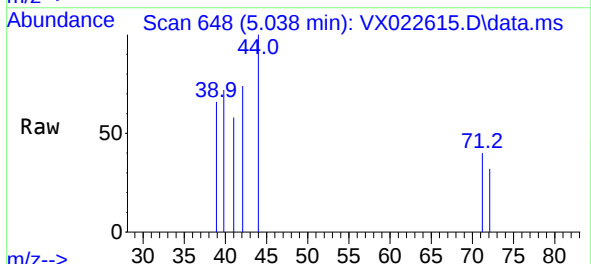
Ion	Ratio	Lower	Upper
96	100		
61	128.0	0.0	285.6
98	62.0	0.0	129.6

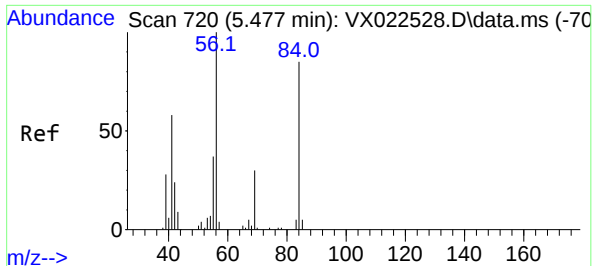


#29
Tetrahydrofuran
Concen: 0.90 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.025 min
Lab File: VX022615.D
Acq: 09 Jun 2021 15:43

Tgt Ion: 42 Resp: 402

Ion	Ratio	Lower	Upper
42	100		
72	25.6	41.7	62.5#
71	37.8	38.4	57.6#

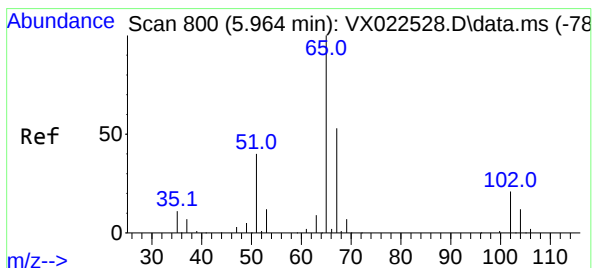
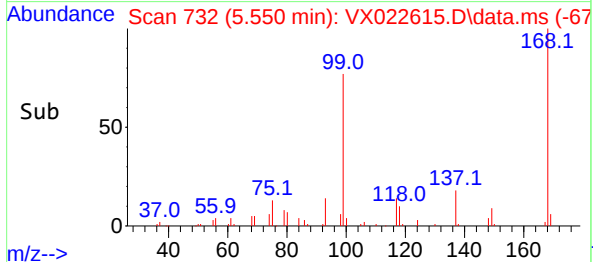
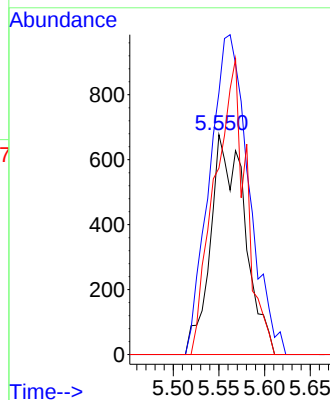
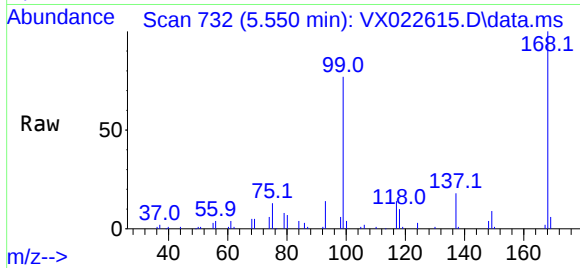




#31
Cyclohexane
Concen: 1.47 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.073 min
Lab File: VX022615.D
Acq: 09 Jun 2021 15:43

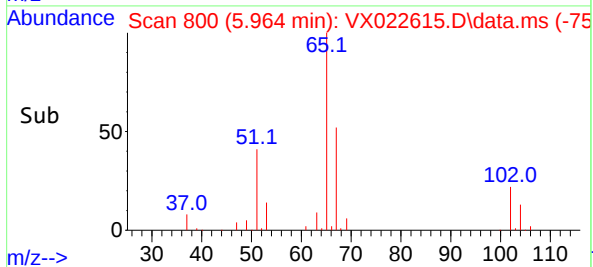
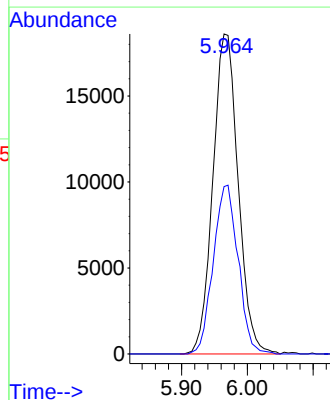
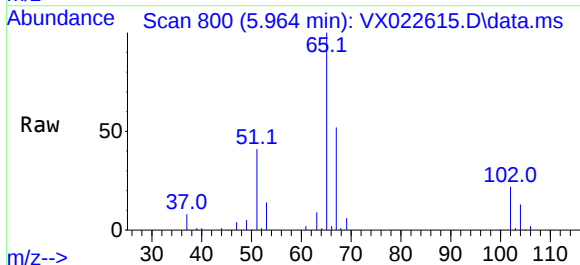
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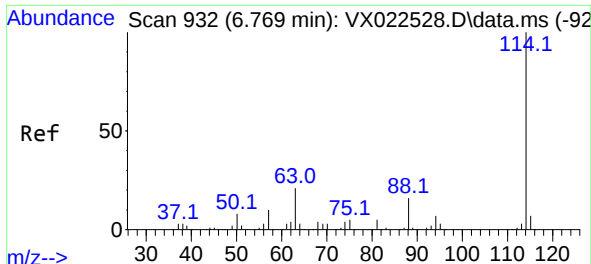
Tgt Ion: 56 Resp: 1782
Ion Ratio Lower Upper
56 100
69 119.1 25.3 37.9#
84 84.8 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 48.36 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022615.D
Acq: 09 Jun 2021 15:43

Tgt Ion: 65 Resp: 49686
Ion Ratio Lower Upper
65 100
67 52.0 0.0 105.4

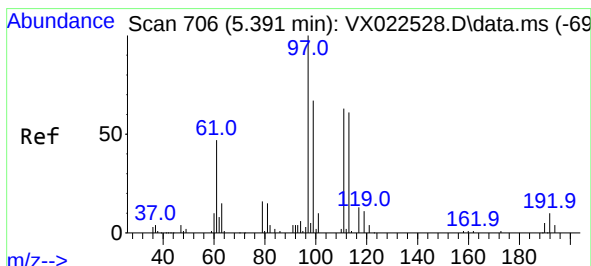
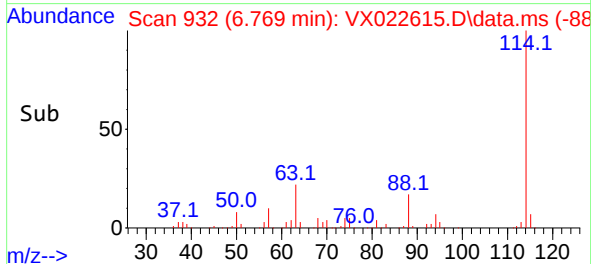
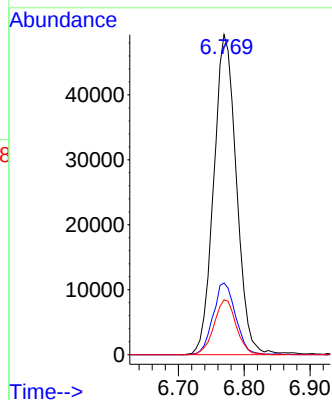
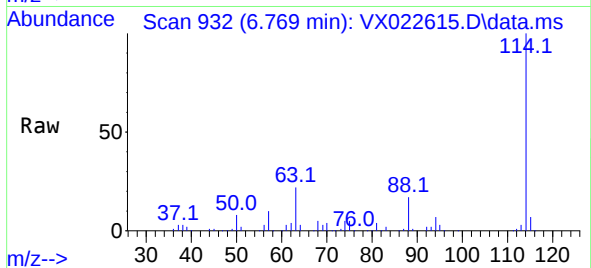




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022615.D
Acq: 09 Jun 2021 15:43

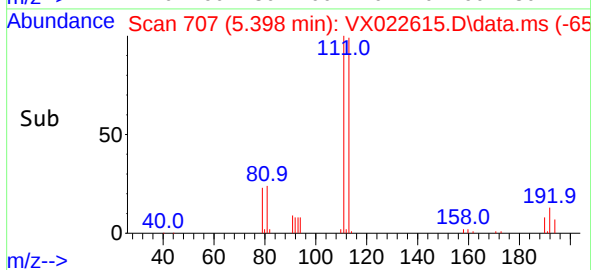
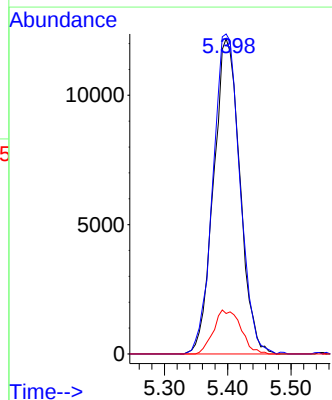
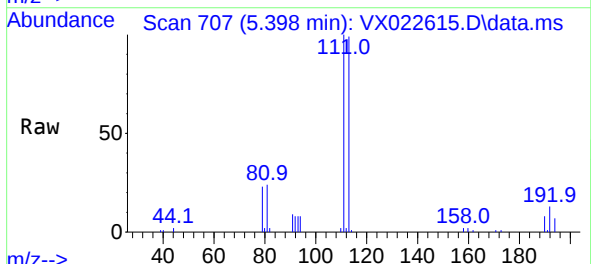
Instrument :
MSVOA_X
ClientSampleId :
40S-20210608

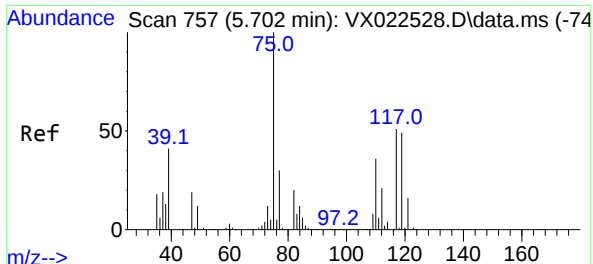
Tgt Ion:114 Resp: 118224
Ion Ratio Lower Upper
114 100
63 22.4 0.0 40.8
88 17.2 0.0 32.8



#35
Dibromofluoromethane
Concen: 47.43 ug/l
RT: 5.398 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022615.D
Acq: 09 Jun 2021 15:43

Tgt Ion:113 Resp: 35085
Ion Ratio Lower Upper
113 100
111 103.8 81.9 122.9
192 14.5 16.7 25.1#

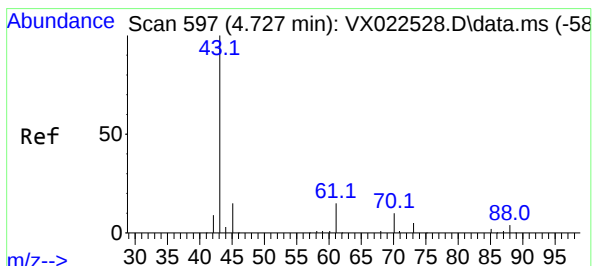
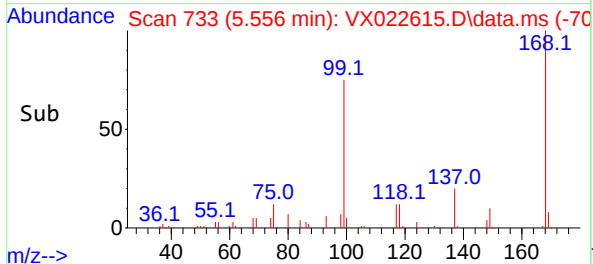
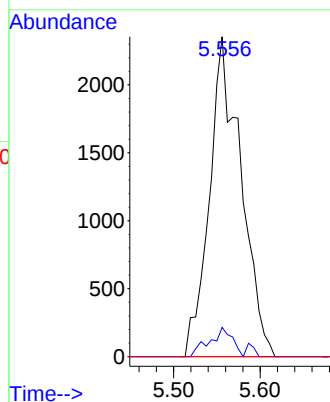
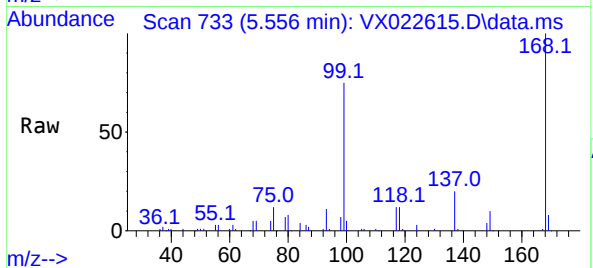




#36
1,1-Dichloropropene
Concen: 5.20 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX022615.D
Acq: 09 Jun 2021 15:43

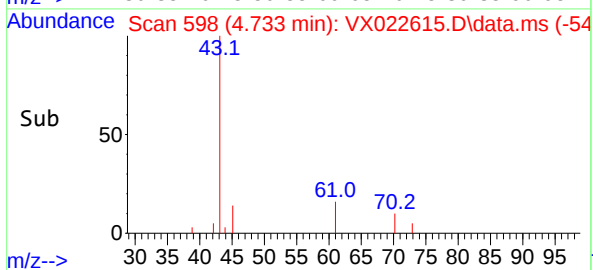
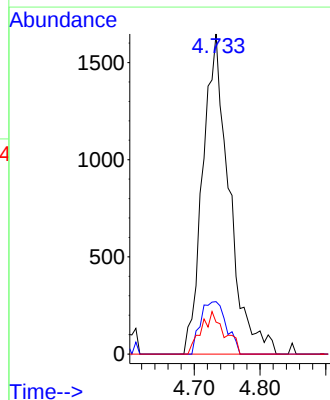
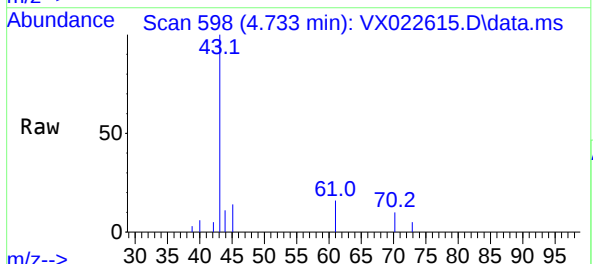
Instrument :
MSVOA_X
ClientSampleId :
40S-20210608

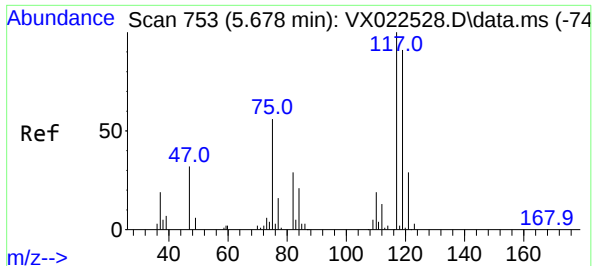
Tgt Ion: 75 Resp: 5952
Ion Ratio Lower Upper
75 100
110 6.6 18.1 54.4#
77 0.0 25.3 37.9#



#37
Ethyl Acetate
Concen: 3.14 ug/l
RT: 4.733 min Scan# 598
Delta R.T. 0.006 min
Lab File: VX022615.D
Acq: 09 Jun 2021 15:43

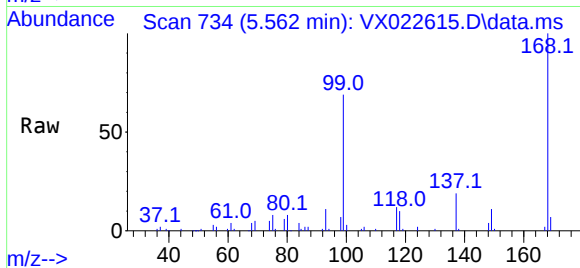
Tgt Ion: 43 Resp: 4606
Ion Ratio Lower Upper
43 100
61 16.0 12.8 19.2
70 11.6 10.5 15.7



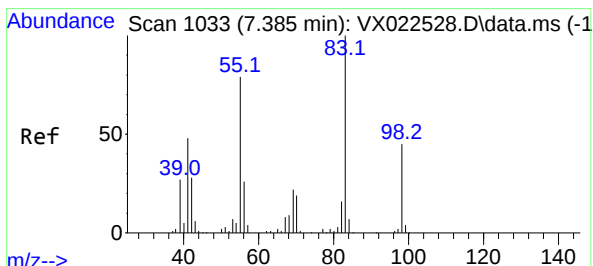
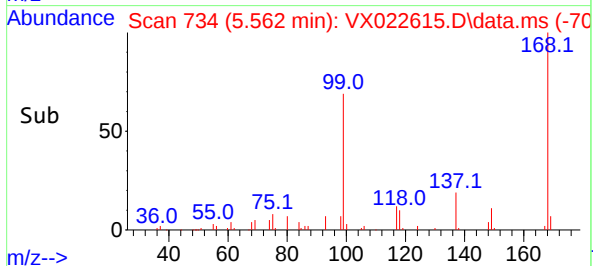
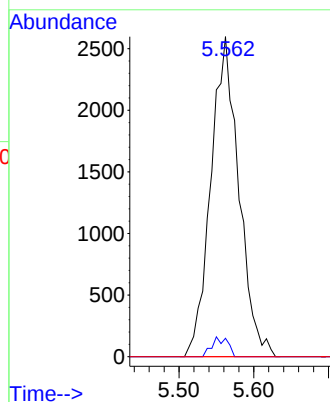


#38
Carbon Tetrachloride
Concen: 8.21 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.116 min
Lab File: VX022615.D
Acq: 09 Jun 2021 15:43

Instrument :
MSVOA_X
ClientSampleId :
40S-20210608

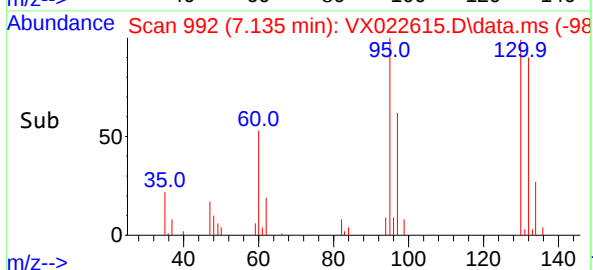
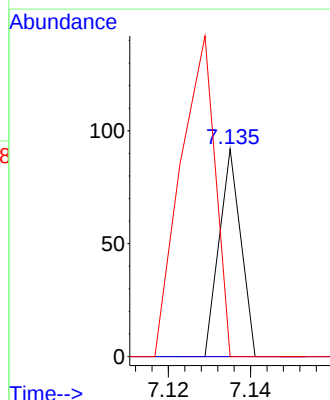
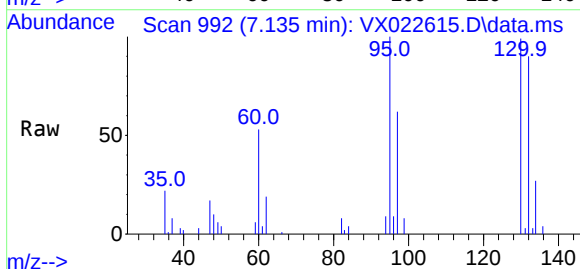


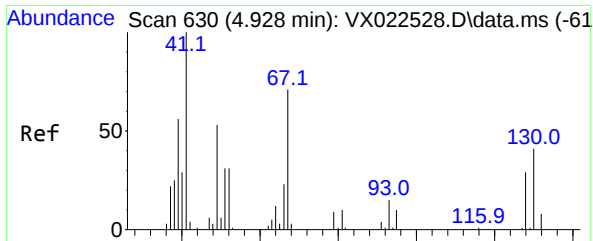
Tgt Ion:117 Resp: 6789
Ion Ratio Lower Upper
117 100
119 5.7 76.2 114.2#
121 0.0 24.8 37.2#



#39
Methylcyclohexane
Concen: 1.87 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.250 min
Lab File: VX022615.D
Acq: 09 Jun 2021 15:43

Tgt Ion: 83 Resp: 34
Ion Ratio Lower Upper
83 100
55 0.0 58.9 88.3#
98 0.0 38.1 57.1#



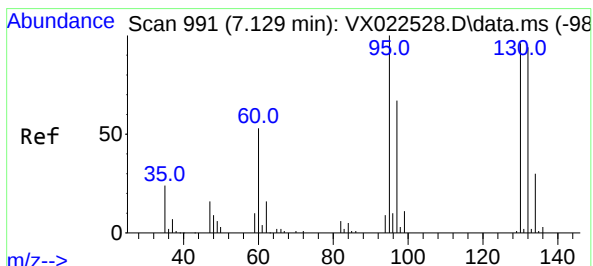
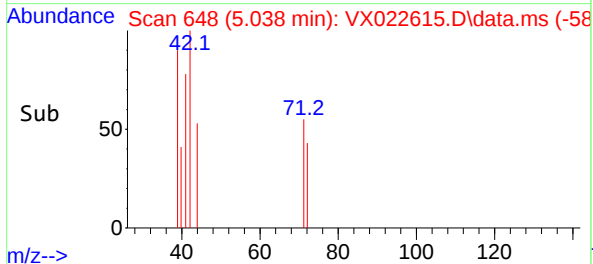
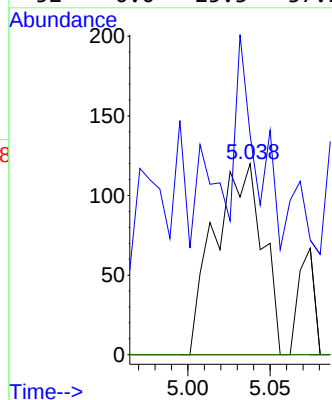
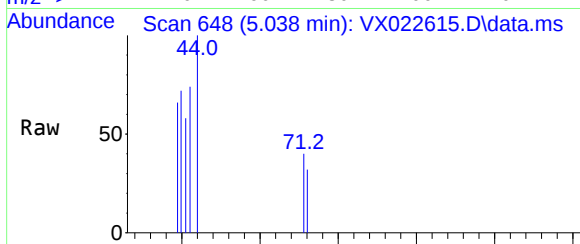


#41
Methacrylonitrile
Concen: 0.30 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.110 min
Lab File: VX022615.D
Acq: 09 Jun 2021 15:43

Instrument :
MSVOA_X
ClientSampleId :
40S-20210608

Tgt Ion: 41 Resp: 245

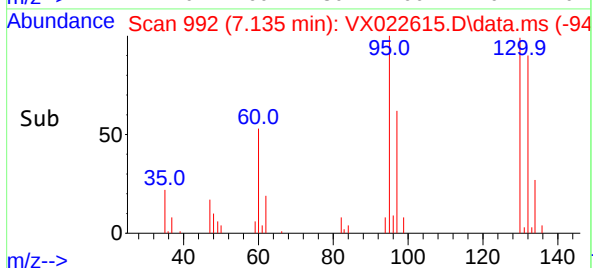
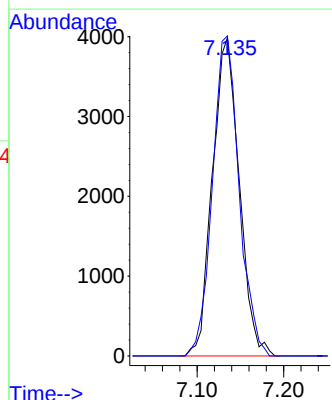
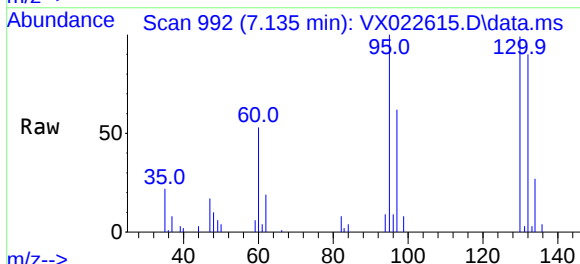
Ion	Ratio	Lower	Upper
41	100		
39	110.2	42.5	63.7#
67	0.0	65.0	97.6#
52	0.0	25.3	37.9#

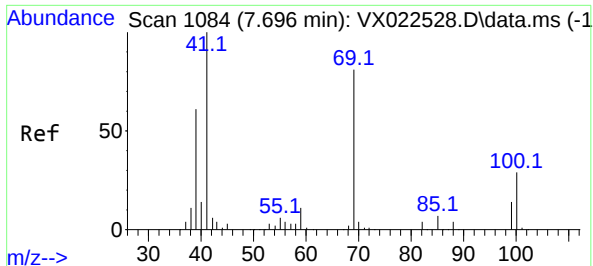


#44
Trichloroethene
Concen: 10.26 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX022615.D
Acq: 09 Jun 2021 15:43

Tgt Ion: 130 Resp: 8544

Ion	Ratio	Lower	Upper
130	100		
95	100.5	0.0	198.0





#48

Methyl methacrylate

Concen: 0.21 ug/l

RT: 7.860 min Scan# 1111

Delta R.T. 0.164 min

Lab File: VX022615.D

Acq: 09 Jun 2021 15:43

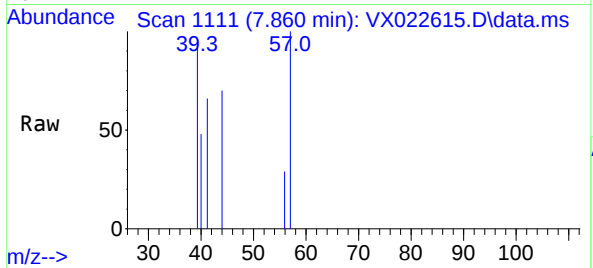
Tgt Ion: 41 Resp: 236

Ion Ratio Lower Upper

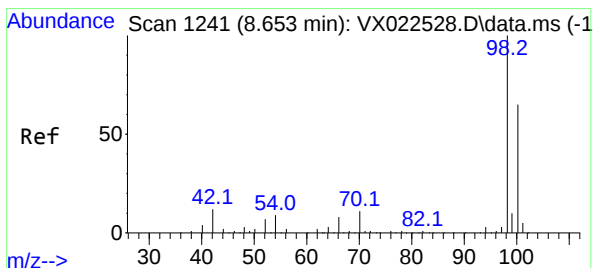
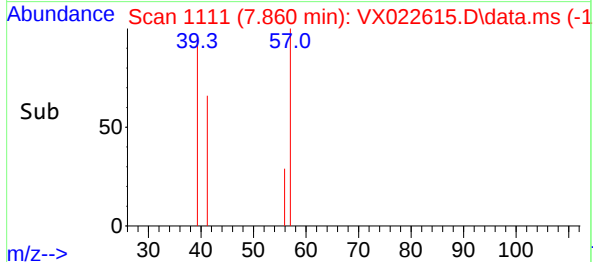
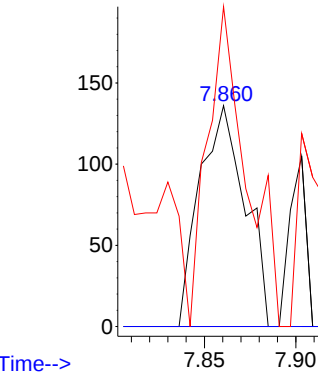
41 100

69 0.0 76.0 114.0#

39 124.2 44.6 67.0#



Abundance



#50

Toluene-d8

Concen: 48.80 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX022615.D

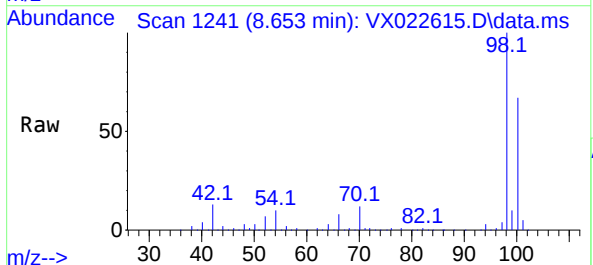
Acq: 09 Jun 2021 15:43

Tgt Ion: 98 Resp: 144032

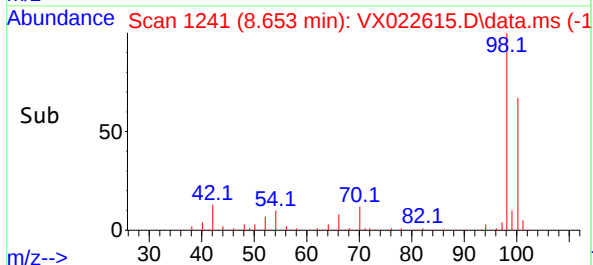
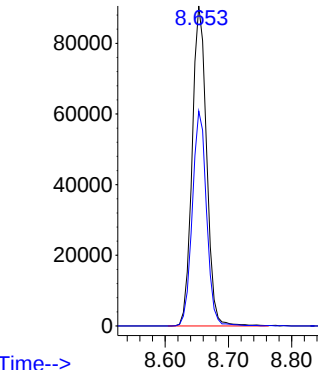
Ion Ratio Lower Upper

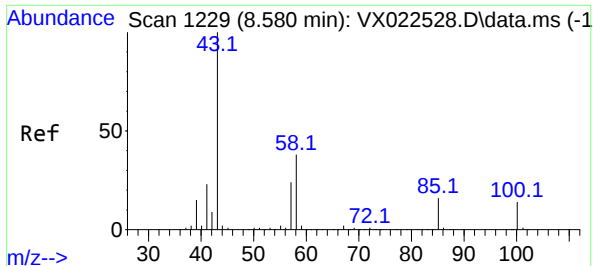
98 100

100 66.3 51.9 77.9



Abundance

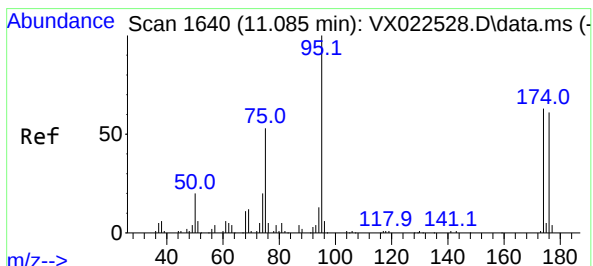
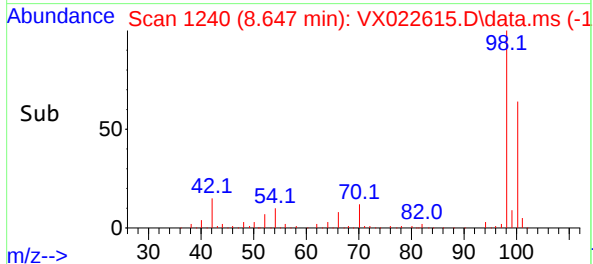
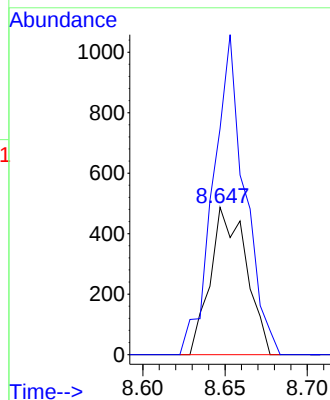
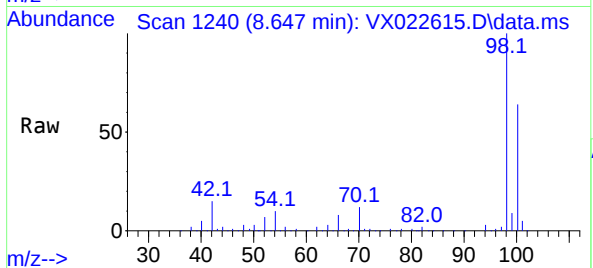




#51
4-Methyl-2-Pentanone
Concen: 0.50 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX022615.D
Acq: 09 Jun 2021 15:43

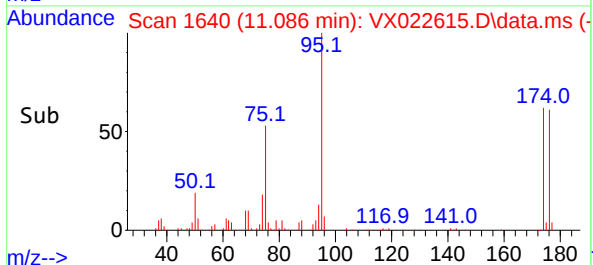
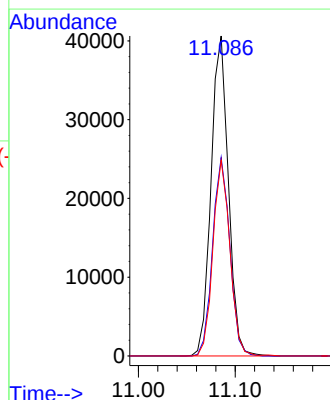
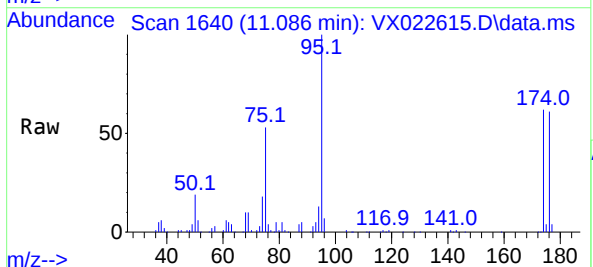
Instrument :
MSVOA_X
ClientSampleId :
40S-20210608

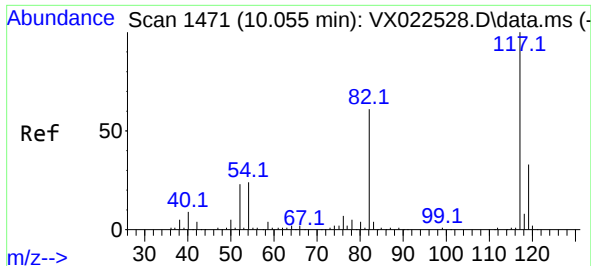
Tgt Ion: 43 Resp: 740
Ion Ratio Lower Upper
43 100
58 191.2 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 46.10 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.001 min
Lab File: VX022615.D
Acq: 09 Jun 2021 15:43

Tgt Ion: 95 Resp: 50570
Ion Ratio Lower Upper
95 100
174 61.6 0.0 154.6
176 59.8 0.0 155.8

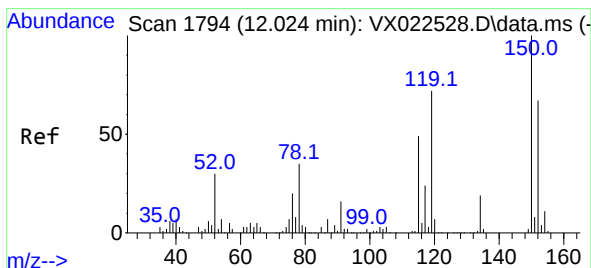
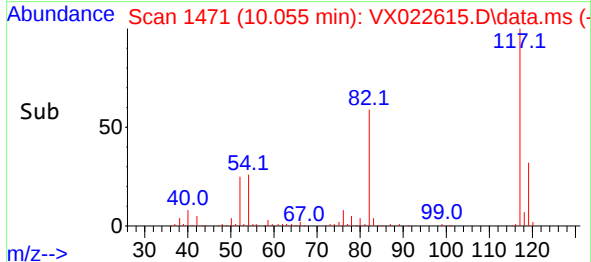
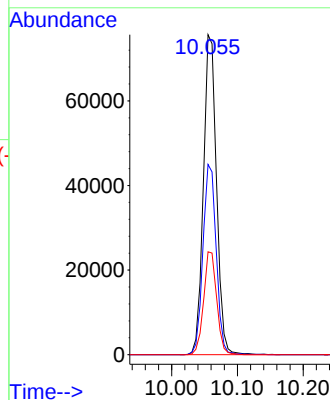
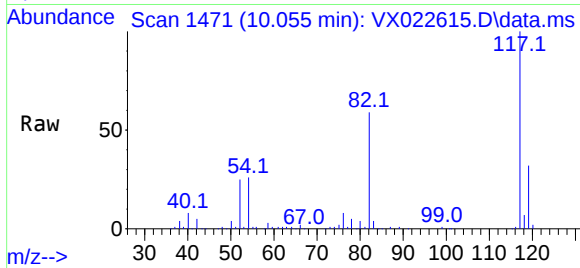




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022615.D
Acq: 09 Jun 2021 15:43

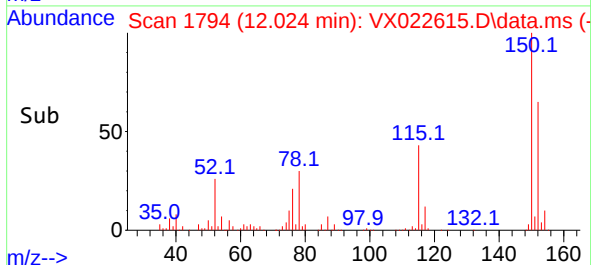
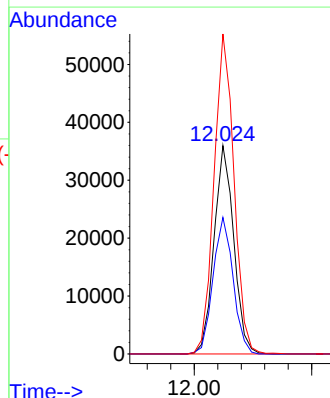
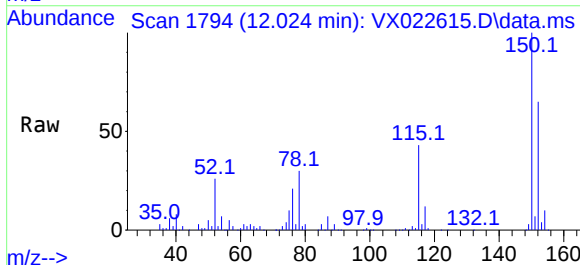
Instrument :
MSVOA_X
ClientSampleId :
40S-20210608

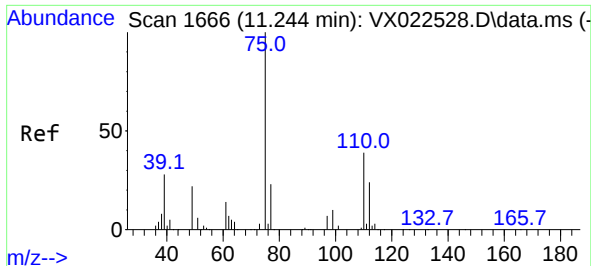
Tgt Ion:117 Resp: 104753
Ion Ratio Lower Upper
117 100
82 59.5 47.4 71.2
119 32.2 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022615.D
Acq: 09 Jun 2021 15:43

Tgt Ion:152 Resp: 41866
Ion Ratio Lower Upper
152 100
115 66.8 41.1 123.3
150 155.7 0.0 349.0

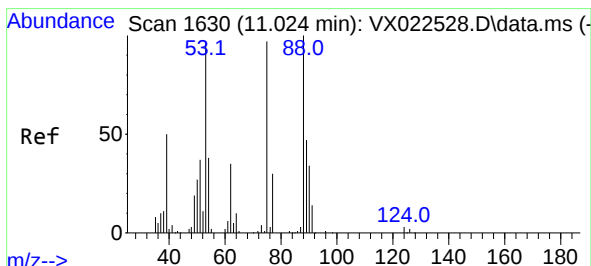
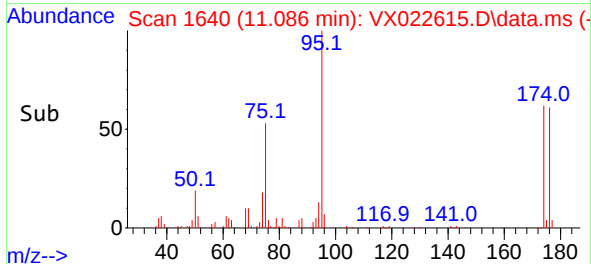
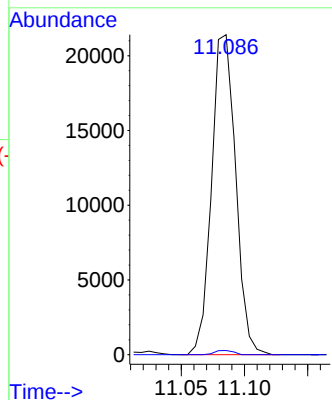
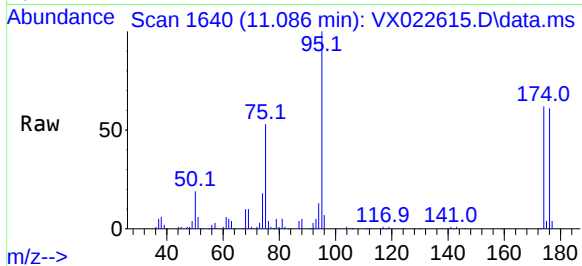




#76
1,2,3-Trichloropropane
Concen: 26.11 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX022615.D
Acq: 09 Jun 2021 15:43

Instrument :
MSVOA_X
ClientSampleId :
40S-20210608

Tgt Ion: 75 Resp: 28314
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.35 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.062 min
Lab File: VX022615.D
Acq: 09 Jun 2021 15:43

Tgt Ion: 75 Resp: 28314
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

