

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011323\
 Data File : VU052656.D
 Acq On : 13 Jan 2023 10:44
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 13 22:25:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 11 00:53:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	144169	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	137316	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	73715	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	54749	4.323	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.400%
7) Chloroethane-d5	1.912	69	47255	4.580	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.600%
11) 1,1-Dichloroethene-d2	2.565	65	26513	4.753	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.000%
20) 2-Butanone-d5	4.649	46	171131	50.532	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.060%
24) Chloroform-d	5.057	84	119354	5.052	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
26) 1,2-Dichloroethane-d4	5.697	65	63971	5.272	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.400%
32) Benzene-d6	5.723	84	235150	5.283	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.600%
36) 1,2-Dichloropropane-d6	6.687	67	76653	5.168	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.400%
41) Toluene-d8	7.893	98	210161	5.356	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.200%
43) trans-1,3-Dichloroprop...	8.176	79	30356	5.504	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	110.000%
46) 2-Hexanone-d5	8.632	63	136844	59.727	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.460%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	62721	5.523	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.400%
66) 1,2-Dichlorobenzene-d4	12.189	152	70865	5.281	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	74862	4.833	ug/L	98
3) Chloromethane	1.520	50	77148	4.101	ug/L	99
5) Vinyl chloride	1.604	62	74958	4.165	ug/L	97
6) Bromomethane	1.858	94	43571	4.664	ug/L	95
8) Chloroethane	1.935	64	46448	4.245	ug/L	96
9) Trichlorofluoromethane	2.138	101	101788	4.798	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	61298	4.911	ug/L	99
12) 1,1-Dichloroethene	2.578	96	57578	4.606	ug/L	93
13) Acetone	2.671	43	115293	47.469	ug/L	90
14) Carbon disulfide	2.790	76	196645	4.552	ug/L	100
15) Methyl Acetate	2.961	43	27888	4.789	ug/L	95
16) Methylene chloride	3.044	84	74518	4.480	ug/L	92
17) Methyl tert-butyl Ether	3.363	73	150661	5.447	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	64006	5.021	ug/L	93
19) 1,1-Dichloroethane	3.864	63	123474	4.665	ug/L	100
21) 2-Butanone	4.726	43	202018	51.669	ug/L	100
22) cis-1,2-Dichloroethene	4.665	96	67548	4.934	ug/L	98
23) Bromochloromethane	4.970	128	30181	5.208	ug/L	84
25) Chloroform	5.083	83	125201	4.811	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011323\
 Data File : VU052656.D
 Acq On : 13 Jan 2023 10:44
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

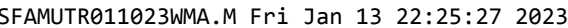
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

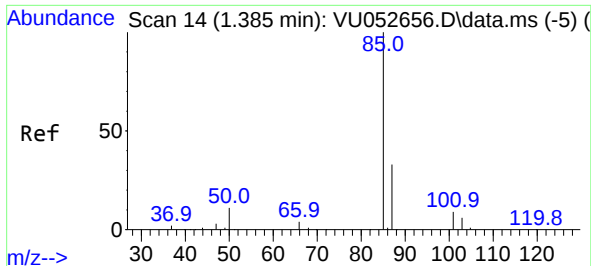
Quant Time: Jan 13 22:25:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 11 00:53:59 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	80672	5.116	ug/L	99
29) 1,1,1-Trichloroethane	5.311	97	102091	4.739	ug/L	98
30) Cyclohexane	5.385	56	113694	5.245	ug/L	99
31) Carbon tetrachloride	5.520	117	86084	5.099	ug/L	95
33) Benzene	5.768	78	280347	5.158	ug/L	100
34) Trichloroethene	6.539	95	65222	5.073	ug/L	98
35) Methylcyclohexane	6.761	83	111997	5.276	ug/L	98
37) 1,2-Dichloropropane	6.787	63	74531	5.110	ug/L	98
38) Bromodichloromethane	7.102	83	88770	5.169	ug/L	97
39) cis-1,3-Dichloropropene	7.604	75	98707	5.331	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	469319	56.260	ug/L	99
42) Toluene	7.964	91	282712	5.222	ug/L	99
44) trans-1,3-Dichloropropene	8.205	75	85700	5.362	ug/L	99
45) 1,1,2-Trichloroethane	8.395	97	48868	5.327	ug/L	96
47) Tetrachloroethene	8.549	164	49254	5.200	ug/L	98
48) 2-Hexanone	8.684	43	343417	56.225	ug/L	97
49) Dibromochloromethane	8.806	129	56486	5.326	ug/L	99
50) 1,2-Dibromoethane	8.919	107	45401	5.383	ug/L	99
51) Chlorobenzene	9.443	112	170022	5.041	ug/L	98
52) Ethylbenzene	9.565	91	283076	5.133	ug/L	99
53) m,p-Xylene	9.690	106	112084	5.365	ug/L	99
54) o-Xylene	10.095	106	107933	5.403	ug/L	98
55) Styrene	10.108	104	185807	5.453	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.777	83	64579	5.389	ug/L	96
59) Bromoform	10.288	173	32035	5.589	ug/L	99
60) Isopropylbenzene	10.478	105	274107	5.246	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	45915	5.359	ug/L	96
62) 1,3,5-Trimethylbenzene	11.083	105	221156	5.307	ug/L	99
63) 1,2,4-Trimethylbenzene	11.462	105	221392	5.274	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	127652	5.136	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	125269	4.941	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	118757	5.078	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	10747	5.439	ug/L #	91
69) 1,3,5-Trichlorobenzene	13.214	180	88416	4.789	ug/L	98
70) 1,2,4-trichlorobenzene	13.835	180	71054	4.799	ug/L	98
71) Naphthalene	14.082	128	127520	4.961	ug/L	99
72) 1,2,3-Trichlorobenzene	14.324	180	67574	4.981	ug/L	99

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

Quant Time: Jan 13 22:25:21 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 11 00:53:59 2023
Response via : Initial Calibration

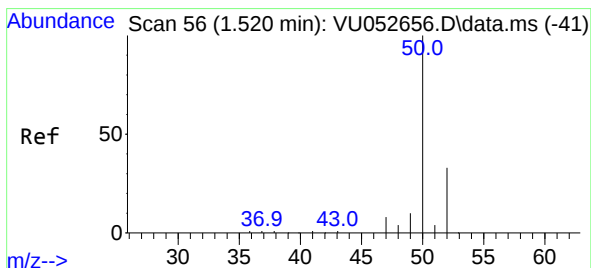
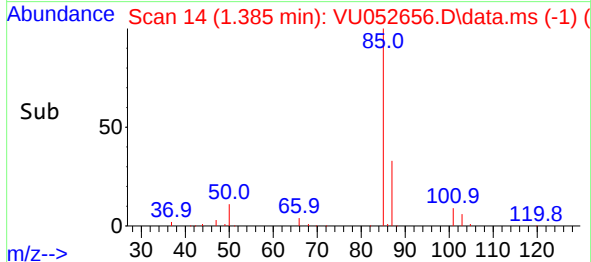
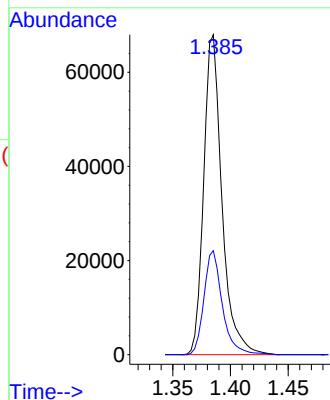
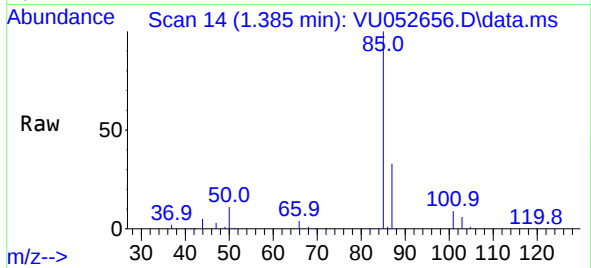




#2
Dichlorodifluoromethane
Concen: 4.833 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU052656.D
Acq: 13 Jan 2023 10:44

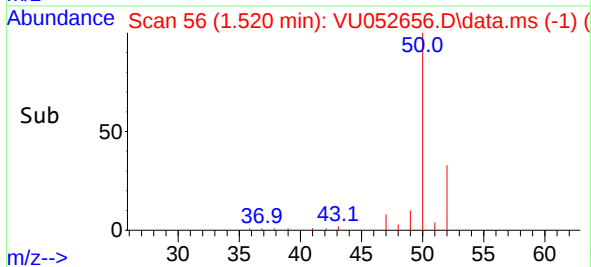
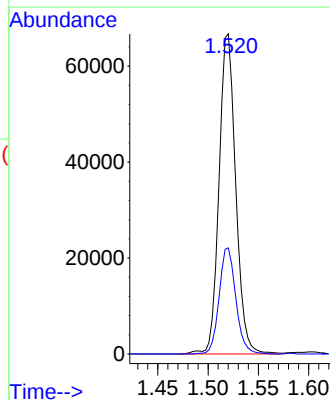
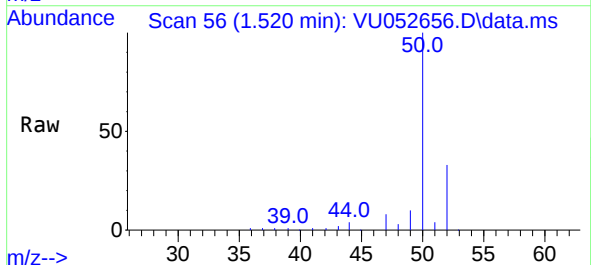
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

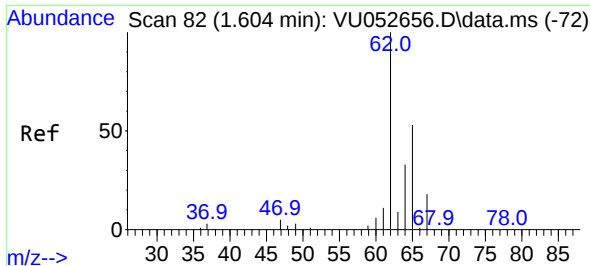
Tgt Ion: 85 Resp: 74862
Ion Ratio Lower Upper
85 100
87 32.8 25.5 38.3



#3
Chloromethane
Concen: 4.101 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU052656.D
Acq: 13 Jan 2023 10:44

Tgt Ion: 50 Resp: 77148
Ion Ratio Lower Upper
50 100
52 33.2 22.7 42.3

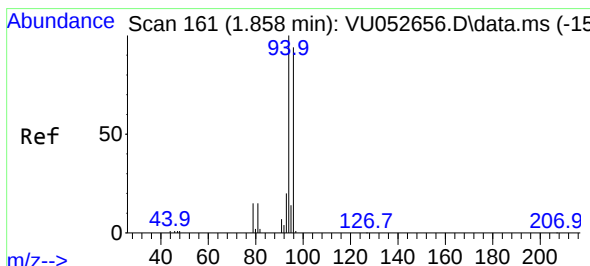
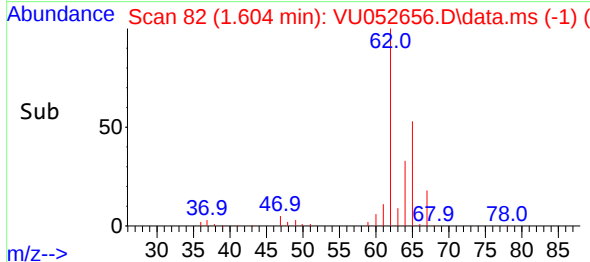
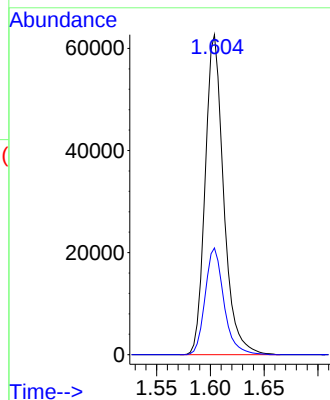
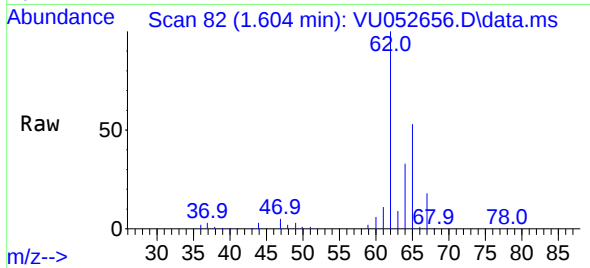




#5
 Vinyl chloride
 Concen: 4.165 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU052656.D
 Acq: 13 Jan 2023 10:44

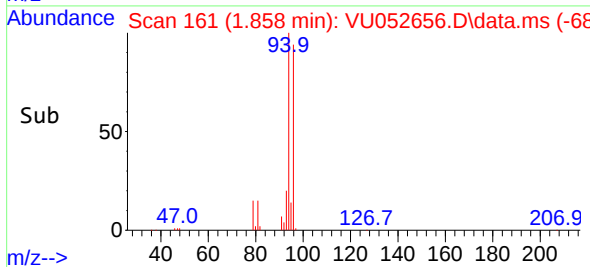
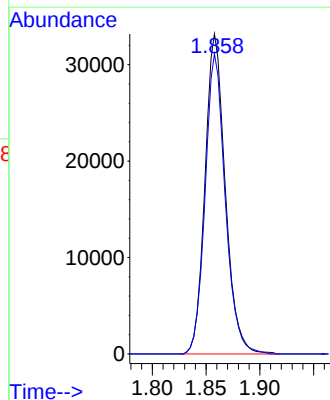
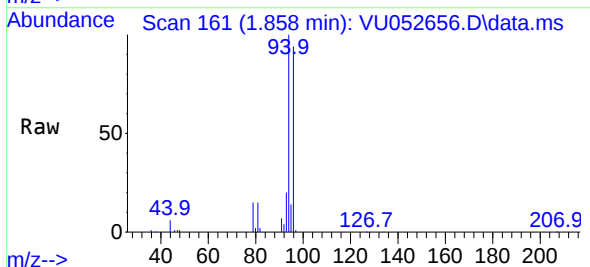
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

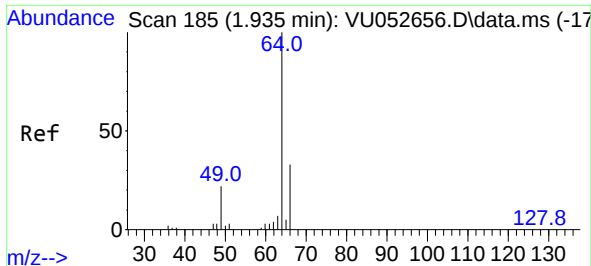
Tgt Ion: 62 Resp: 74958
 Ion Ratio Lower Upper
 62 100
 64 33.4 22.3 41.3



#6
 Bromomethane
 Concen: 4.664 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. 0.000 min
 Lab File: VU052656.D
 Acq: 13 Jan 2023 10:44

Tgt Ion: 94 Resp: 43571
 Ion Ratio Lower Upper
 94 100
 96 93.7 62.2 115.6

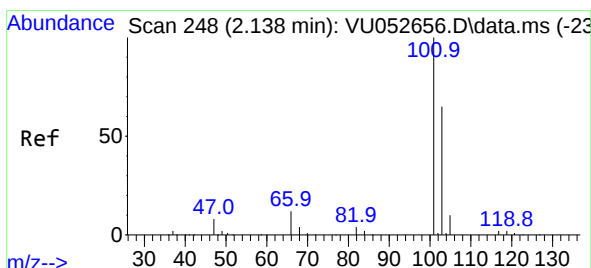
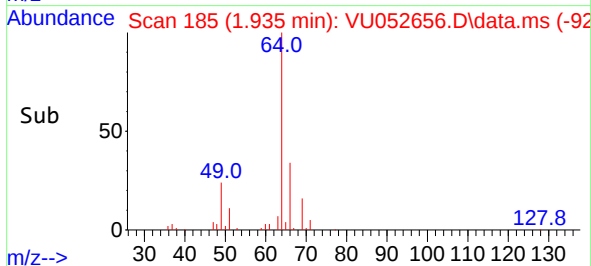
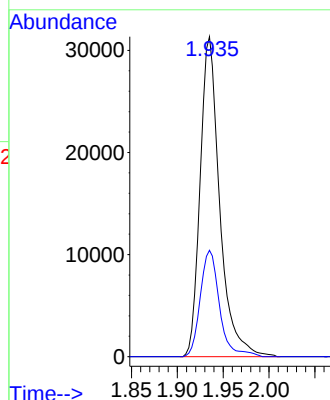
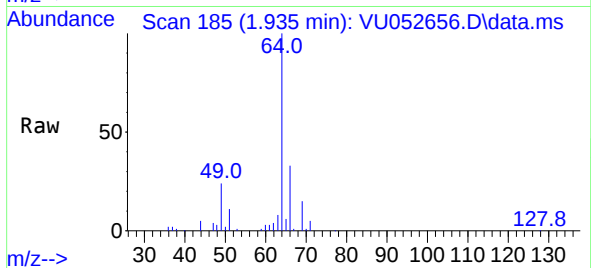




#8
Chloroethane
Concen: 4.245 ug/L
RT: 1.935 min Scan# 185
Delta R.T. 0.000 min
Lab File: VU052656.D
Acq: 13 Jan 2023 10:44

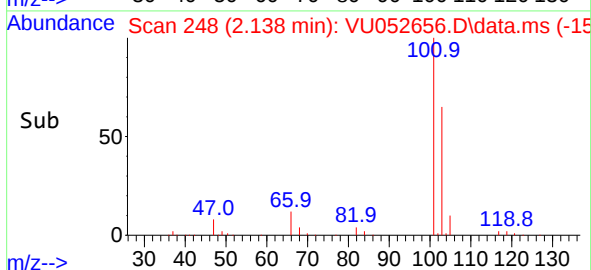
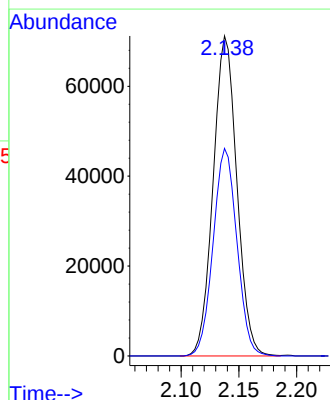
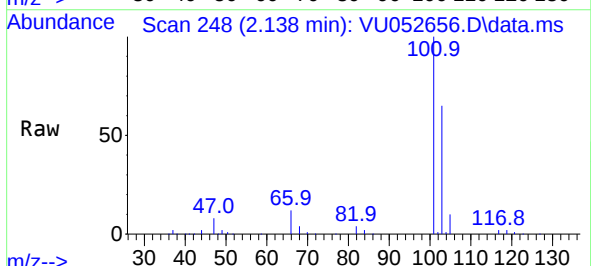
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

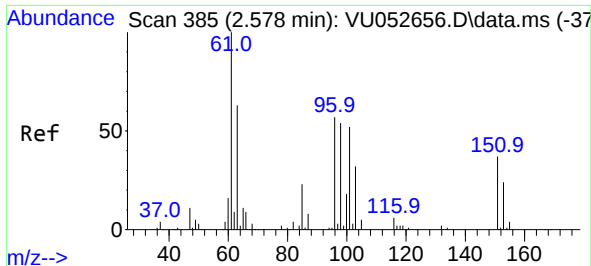
Tgt Ion: 64 Resp: 46448
Ion Ratio Lower Upper
64 100
66 33.3 21.6 40.2



#9
Trichlorofluoromethane
Concen: 4.798 ug/L
RT: 2.138 min Scan# 248
Delta R.T. -0.003 min
Lab File: VU052656.D
Acq: 13 Jan 2023 10:44

Tgt Ion:101 Resp: 101788
Ion Ratio Lower Upper
101 100
103 64.9 51.0 76.6

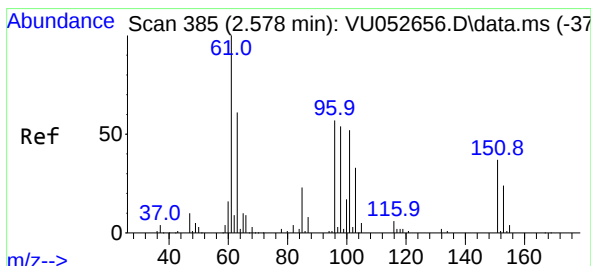
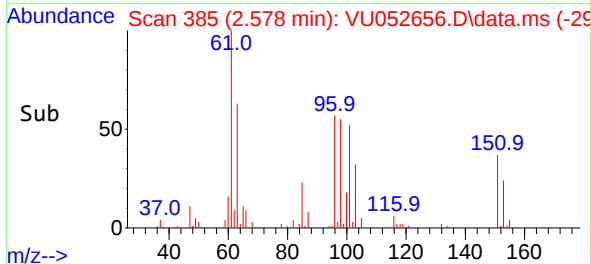
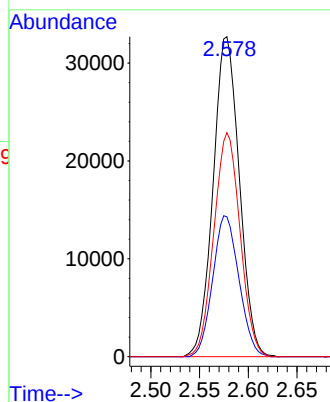
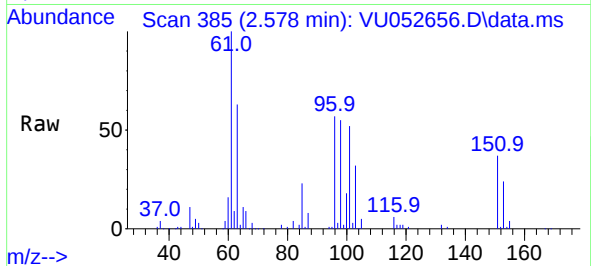




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.911 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.003 min
Lab File: VU052656.D
Acq: 13 Jan 2023 10:44

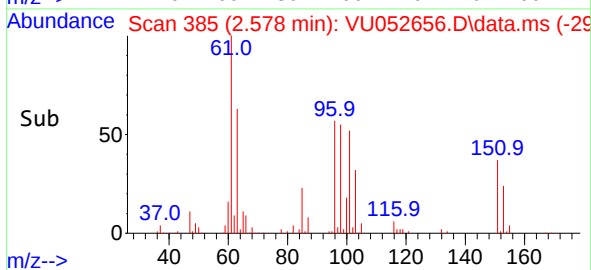
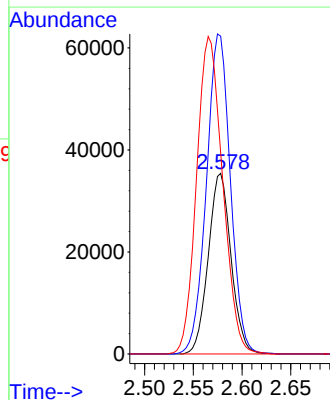
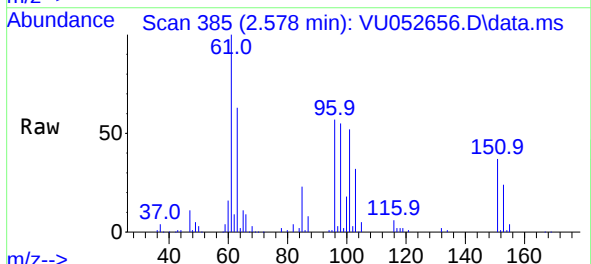
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

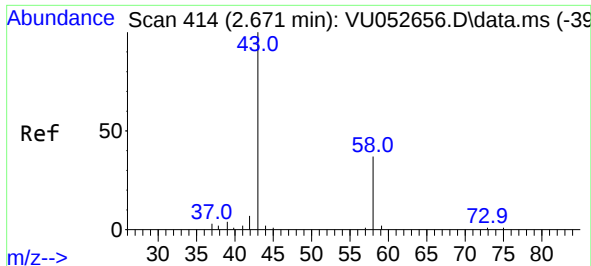
Tgt Ion:101 Resp: 61298
Ion Ratio Lower Upper
101 100
85 43.9 35.0 52.6
151 70.0 55.0 82.6



#12
1,1-Dichloroethene
Concen: 4.606 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.003 min
Lab File: VU052656.D
Acq: 13 Jan 2023 10:44

Tgt Ion: 96 Resp: 57578
Ion Ratio Lower Upper
96 100
61 175.9 129.6 240.8
63 111.3 83.7 155.5





#13

Acetone

Concen: 47.469 ug/L

RT: 2.671 min Scan# 414

Delta R.T. 0.010 min

Lab File: VU052656.D

Acq: 13 Jan 2023 10:44

Instrument :

MSVOA_U

ClientSampleId :

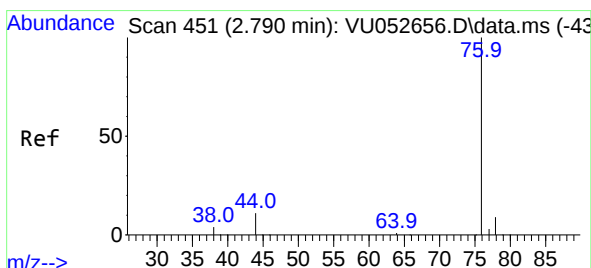
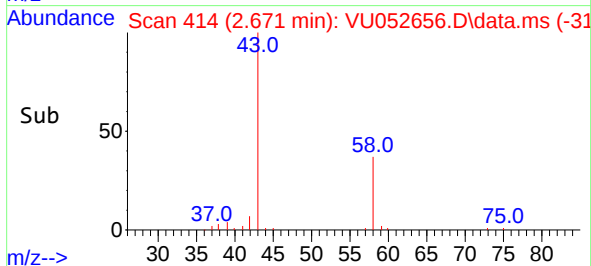
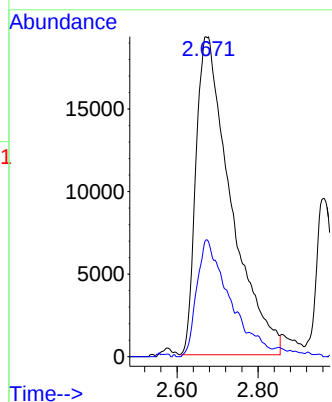
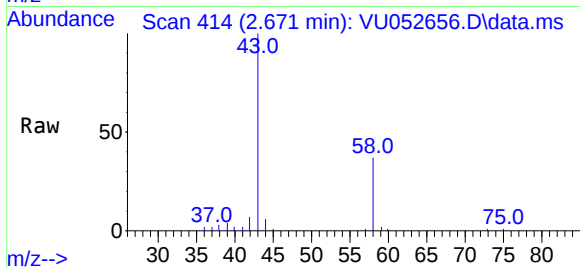
VSTDCCC050

Tgt Ion: 43 Resp: 115293

Ion Ratio Lower Upper

43 100

58 28.7 0.0 68.8



#14

Carbon disulfide

Concen: 4.552 ug/L

RT: 2.790 min Scan# 451

Delta R.T. -0.003 min

Lab File: VU052656.D

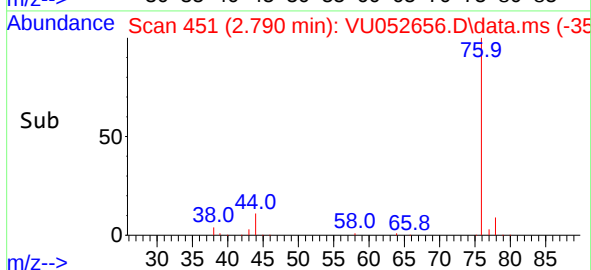
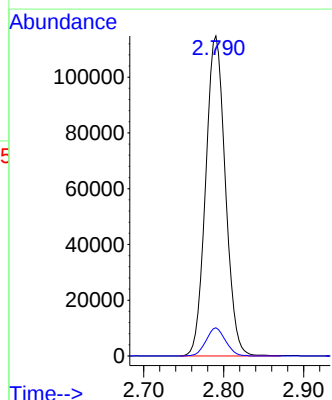
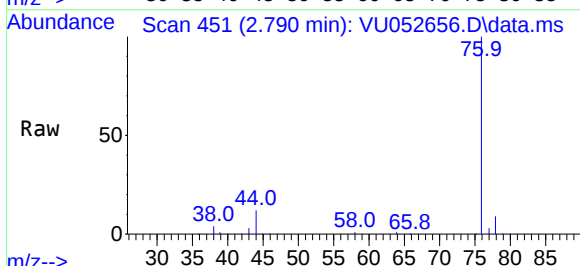
Acq: 13 Jan 2023 10:44

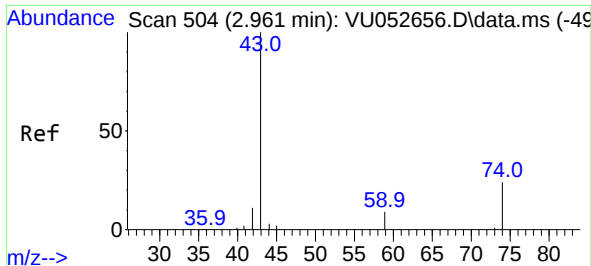
Tgt Ion: 76 Resp: 196645

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.6

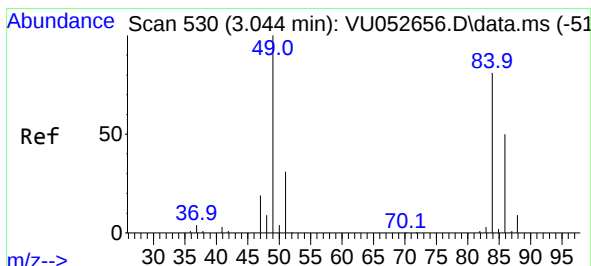
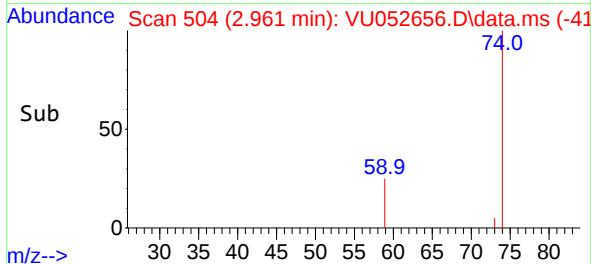
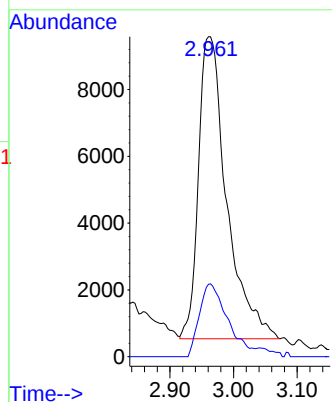
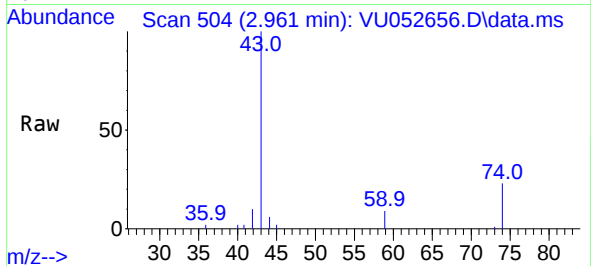




#15
Methyl Acetate
Concen: 4.789 ug/L
RT: 2.961 min Scan# 504
Delta R.T. 0.003 min
Lab File: VU052656.D
Acq: 13 Jan 2023 10:44

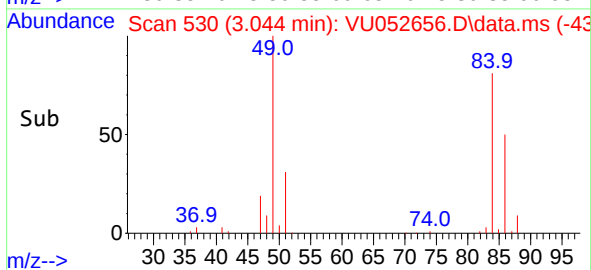
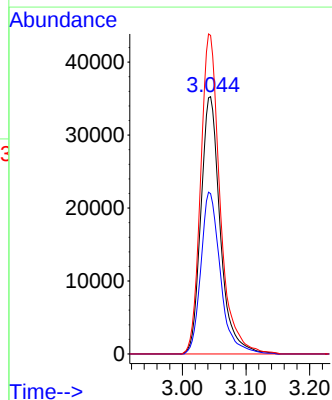
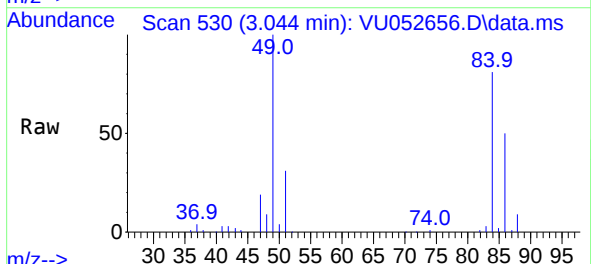
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

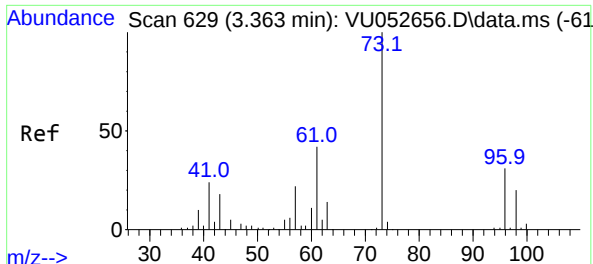
Tgt Ion: 43 Resp: 27888
Ion Ratio Lower Upper
43 100
74 24.2 17.5 26.3



#16
Methylene chloride
Concen: 4.480 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU052656.D
Acq: 13 Jan 2023 10:44

Tgt Ion: 84 Resp: 74518
Ion Ratio Lower Upper
84 100
86 62.3 45.6 84.6
49 123.8 94.8 176.0

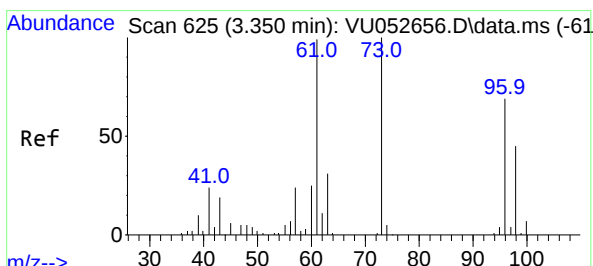
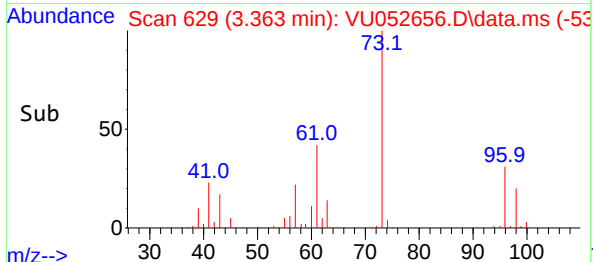
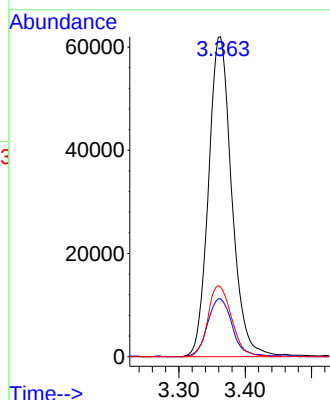
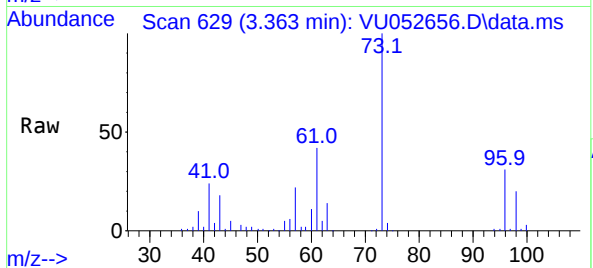




#17
Methyl tert-butyl Ether
Concen: 5.447 ug/L
RT: 3.363 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU052656.D
Acq: 13 Jan 2023 10:44

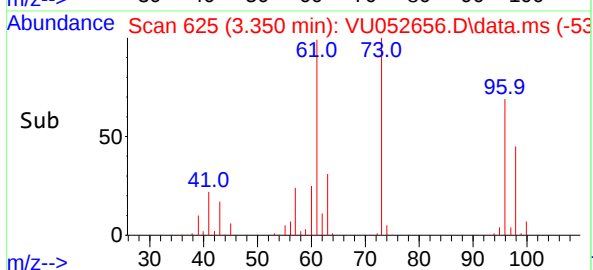
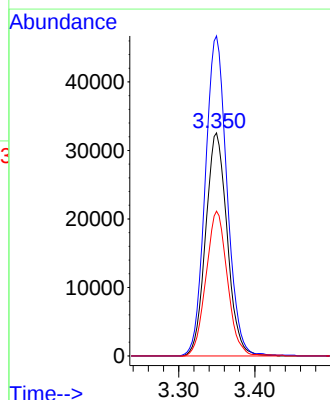
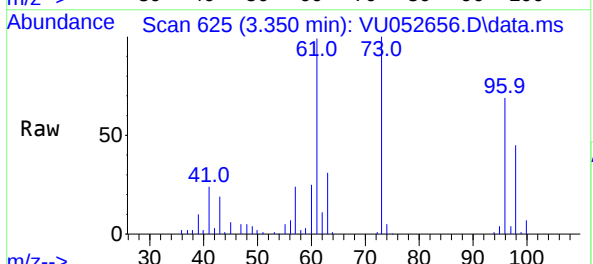
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

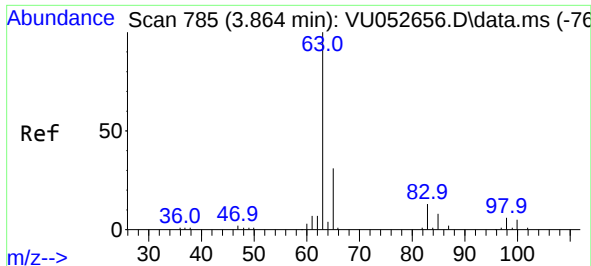
Tgt Ion: 73 Resp: 150661
Ion Ratio Lower Upper
73 100
43 19.4 15.8 23.8
57 22.7 18.6 28.0



#18
trans-1,2-Dichloroethene
Concen: 5.021 ug/L
RT: 3.350 min Scan# 625
Delta R.T. -0.003 min
Lab File: VU052656.D
Acq: 13 Jan 2023 10:44

Tgt Ion: 96 Resp: 64006
Ion Ratio Lower Upper
96 100
61 143.5 108.4 201.4
98 65.0 43.8 81.4

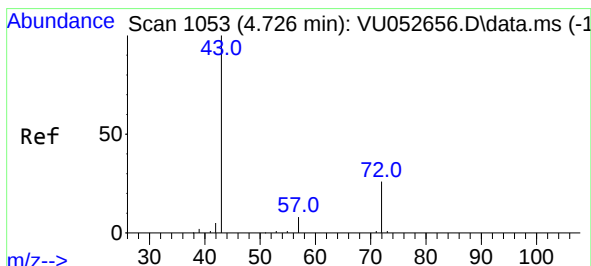
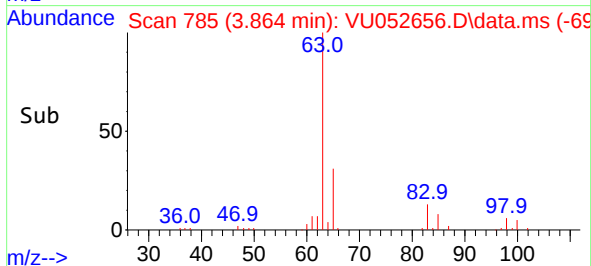
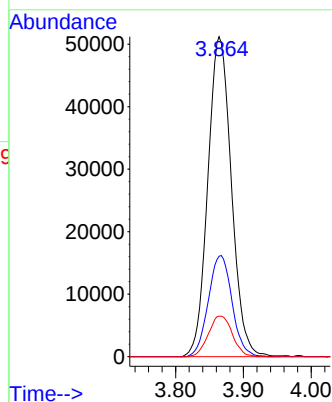
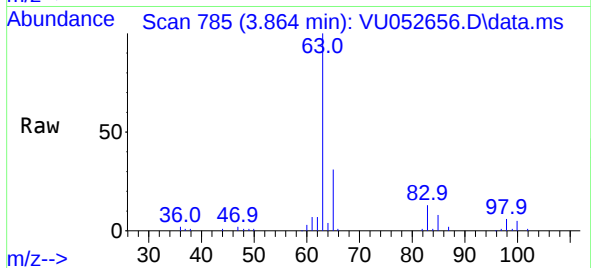




#19
1,1-Dichloroethane
Concen: 4.665 ug/L
RT: 3.864 min Scan# 785
Delta R.T. 0.000 min
Lab File: VU052656.D
Acq: 13 Jan 2023 10:44

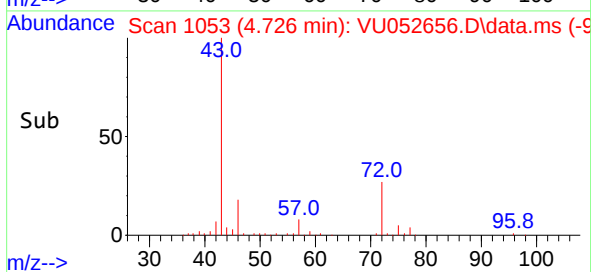
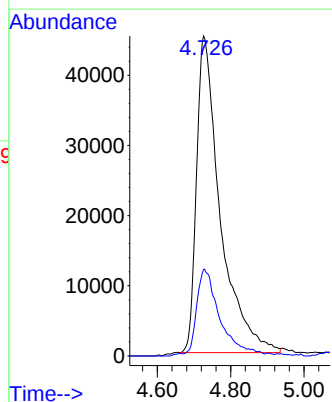
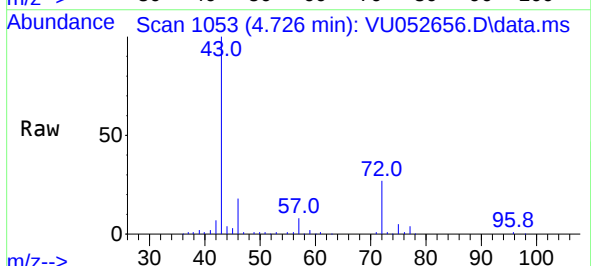
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

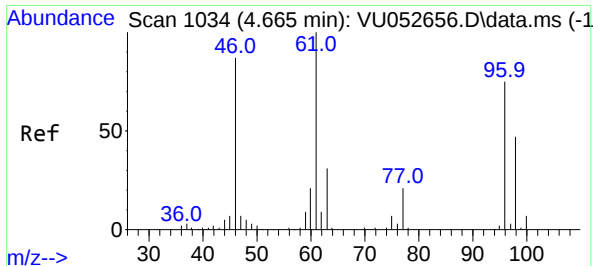
Tgt Ion: 63 Resp: 123474
Ion Ratio Lower Upper
63 100
65 31.4 22.0 41.0
83 12.7 8.9 16.5



#21
2-Butanone
Concen: 51.669 ug/L
RT: 4.726 min Scan# 1053
Delta R.T. 0.010 min
Lab File: VU052656.D
Acq: 13 Jan 2023 10:44

Tgt Ion: 43 Resp: 202018
Ion Ratio Lower Upper
43 100
72 25.8 12.9 38.6

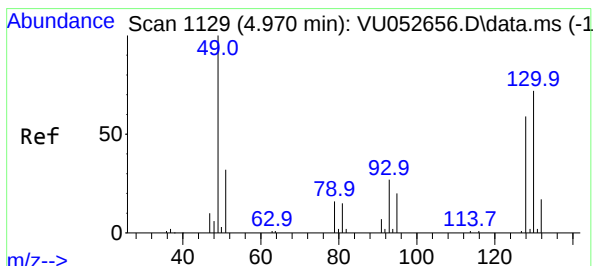
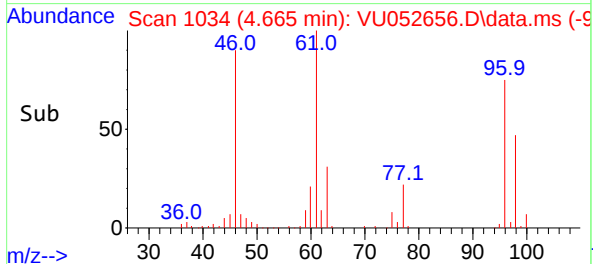
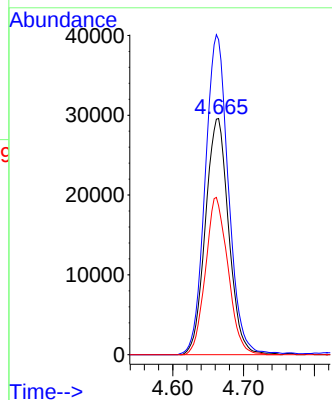
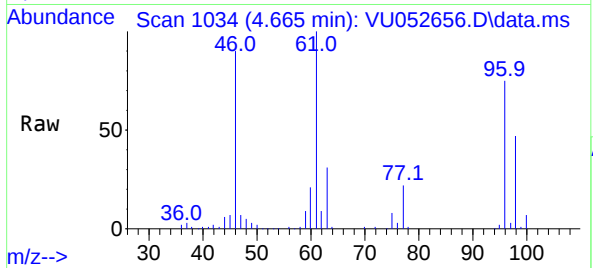




#22
cis-1,2-Dichloroethene
Concen: 4.934 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.003 min
Lab File: VU052656.D
Acq: 13 Jan 2023 10:44

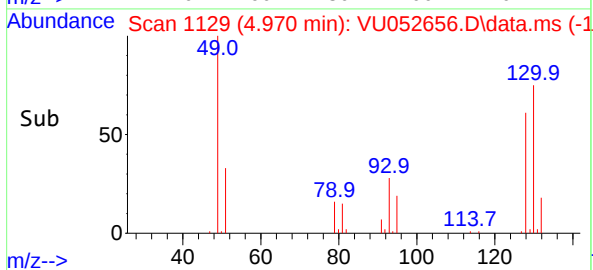
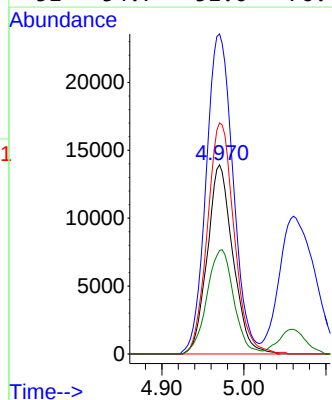
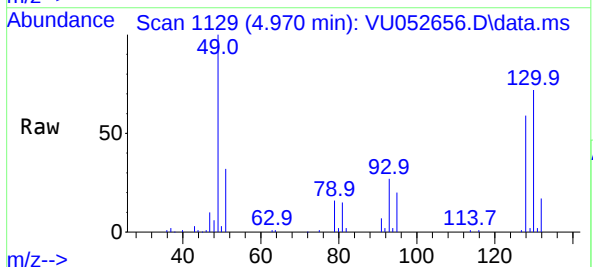
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

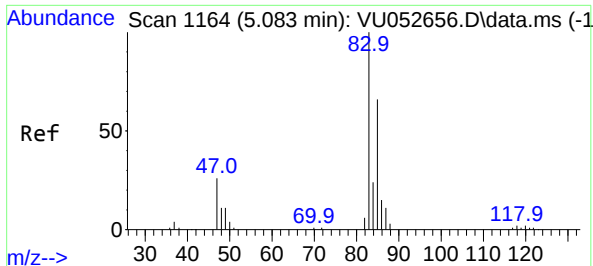
Tgt Ion: 96 Resp: 67548
Ion Ratio Lower Upper
96 100
61 133.4 94.6 175.8
98 63.1 43.3 80.3



#23
Bromochloromethane
Concen: 5.208 ug/L
RT: 4.970 min Scan# 1129
Delta R.T. -0.003 min
Lab File: VU052656.D
Acq: 13 Jan 2023 10:44

Tgt Ion:128 Resp: 30181
Ion Ratio Lower Upper
128 100
49 169.3 142.8 265.2
130 122.2 91.3 169.5
51 54.7 51.0 76.4

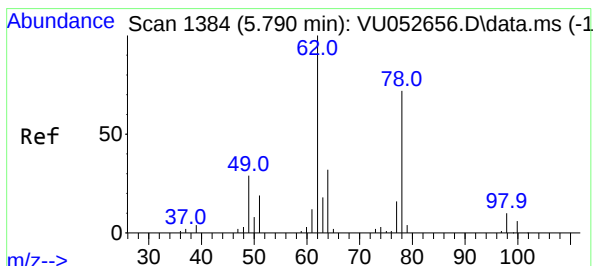
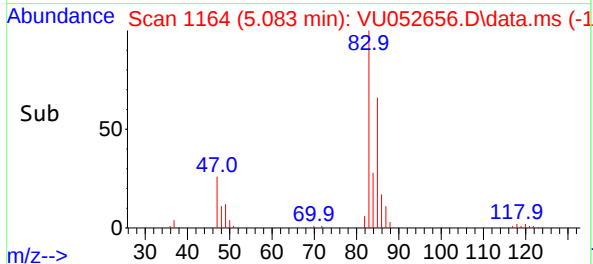
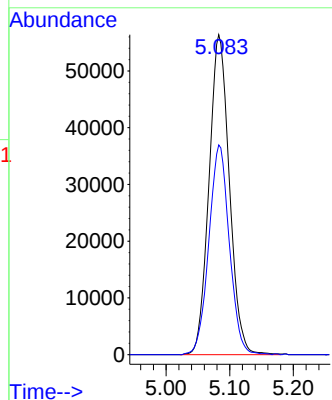
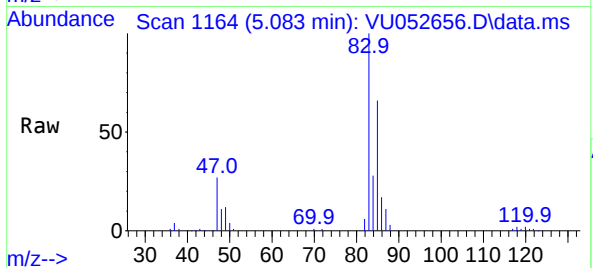




#25
Chloroform
Concen: 4.811 ug/L
RT: 5.083 min Scan# 1164
Delta R.T. 0.000 min
Lab File: VU052656.D
Acq: 13 Jan 2023 10:44

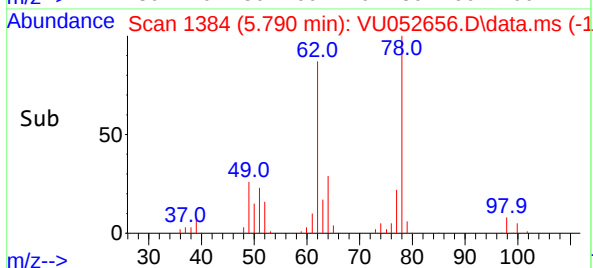
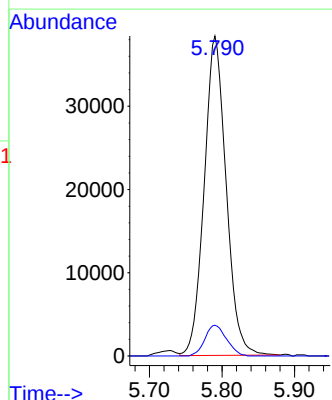
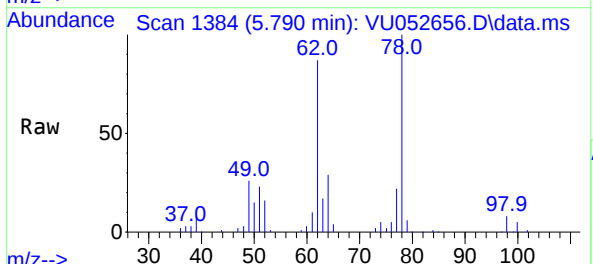
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

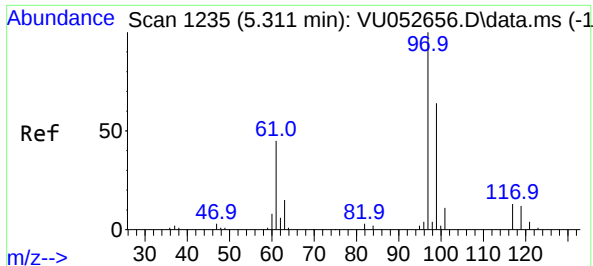
Tgt Ion: 83 Resp: 125201
Ion Ratio Lower Upper
83 100
85 65.6 45.6 84.6



#27
1,2-Dichloroethane
Concen: 5.116 ug/L
RT: 5.790 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VU052656.D
Acq: 13 Jan 2023 10:44

Tgt Ion: 62 Resp: 80672
Ion Ratio Lower Upper
62 100
98 9.6 7.5 11.3

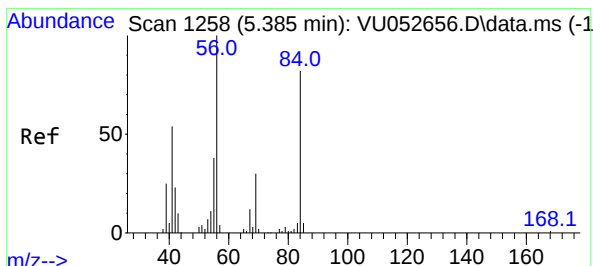
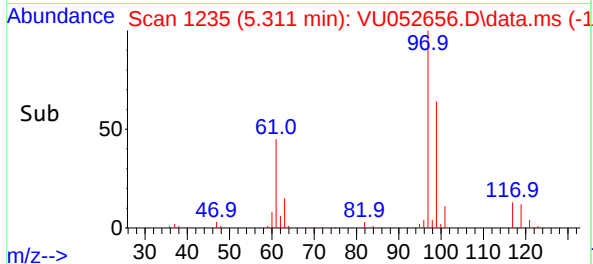
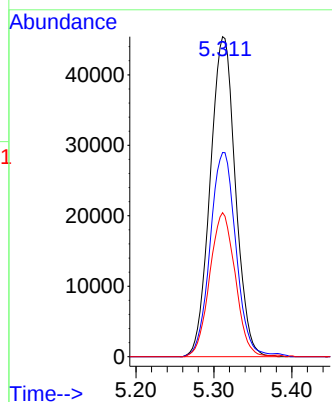
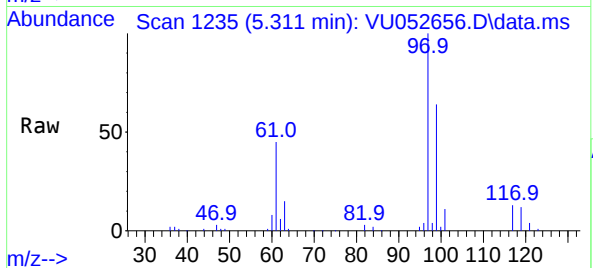




#29
1,1,1-Trichloroethane
Concen: 4.739 ug/L
RT: 5.311 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VU052656.D
Acq: 13 Jan 2023 10:44

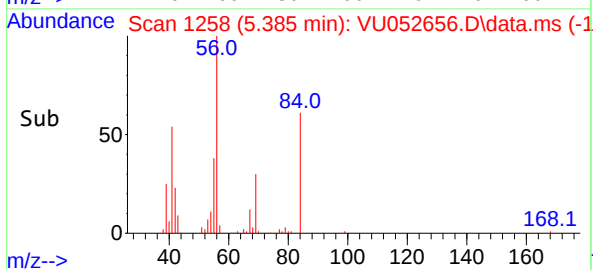
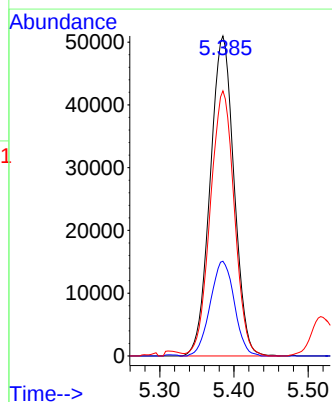
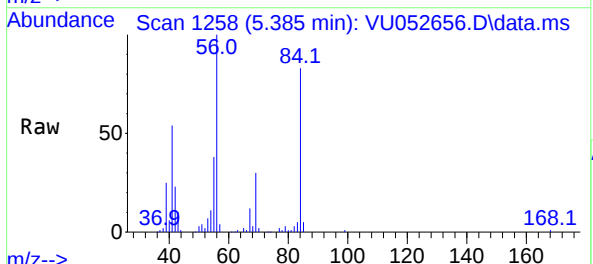
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

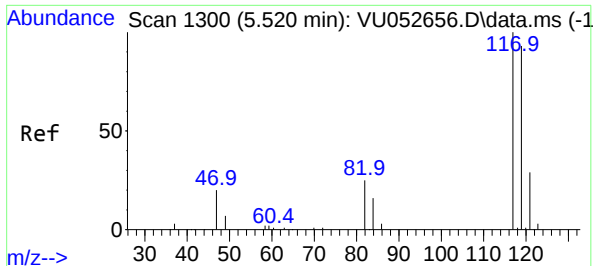
Tgt Ion: 97 Resp: 102091
Ion Ratio Lower Upper
97 100
99 65.3 52.4 78.6
61 45.5 38.5 57.7



#30
Cyclohexane
Concen: 5.245 ug/L
RT: 5.385 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VU052656.D
Acq: 13 Jan 2023 10:44

Tgt Ion: 56 Resp: 113694
Ion Ratio Lower Upper
56 100
69 29.9 23.8 35.8
84 83.7 66.2 99.4

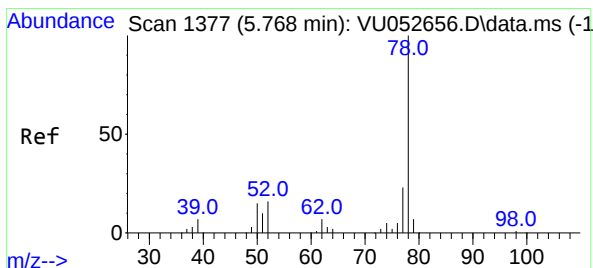
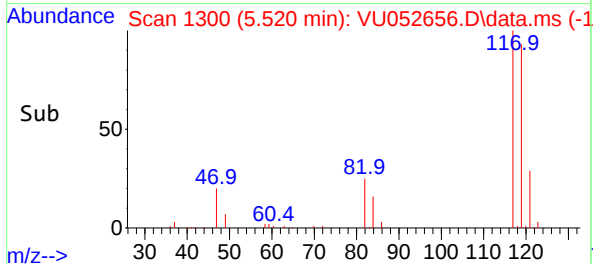
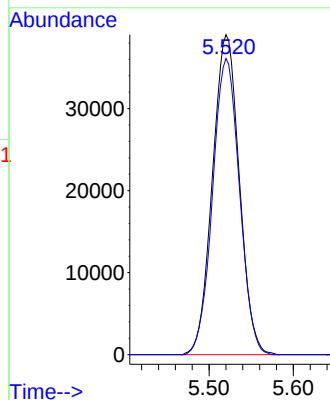
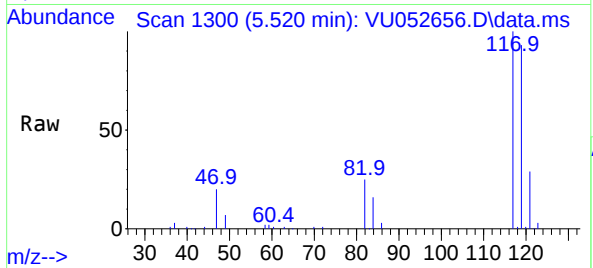




#31
Carbon tetrachloride
Concen: 5.099 ug/L
RT: 5.520 min Scan# 1300
Delta R.T. -0.003 min
Lab File: VU052656.D
Acq: 13 Jan 2023 10:44

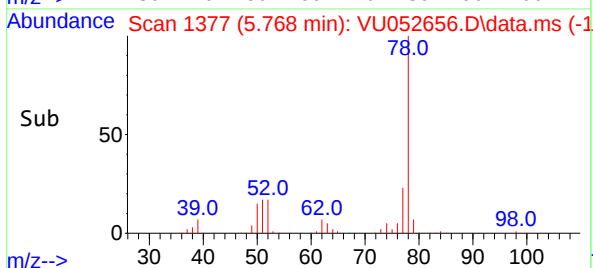
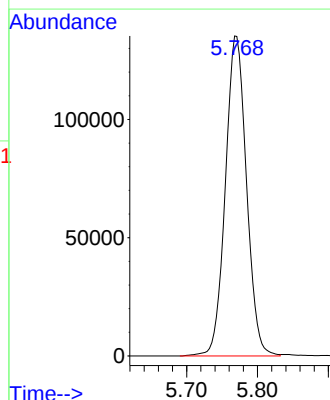
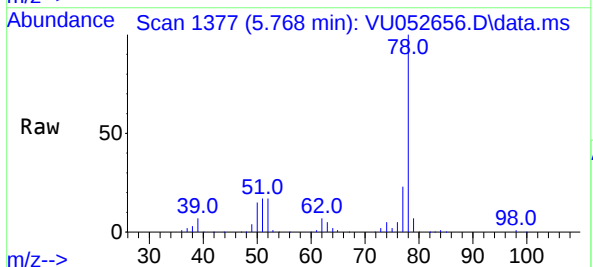
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

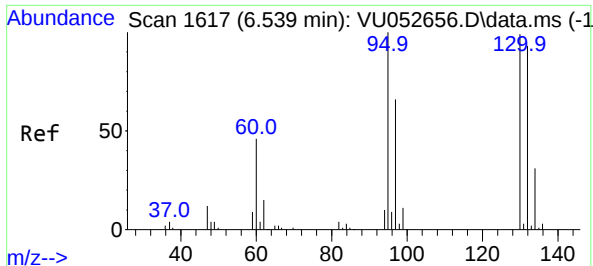
Tgt Ion:117 Resp: 86084
Ion Ratio Lower Upper
117 100
119 92.7 77.8 116.8



#33
Benzene
Concen: 5.158 ug/L
RT: 5.768 min Scan# 1377
Delta R.T. -0.003 min
Lab File: VU052656.D
Acq: 13 Jan 2023 10:44

Tgt Ion: 78 Resp: 280347

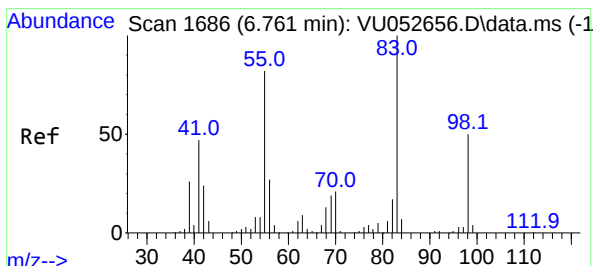
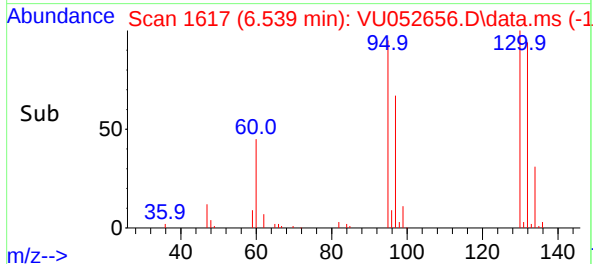
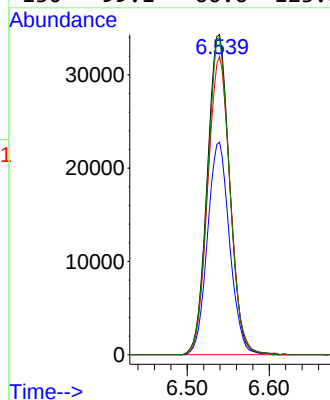
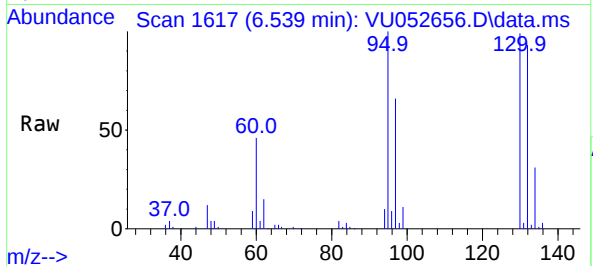




#34
Trichloroethene
Concen: 5.073 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU052656.D
Acq: 13 Jan 2023 10:44

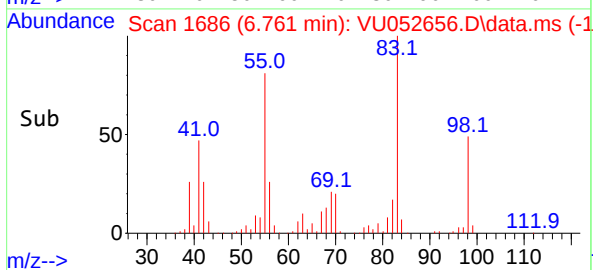
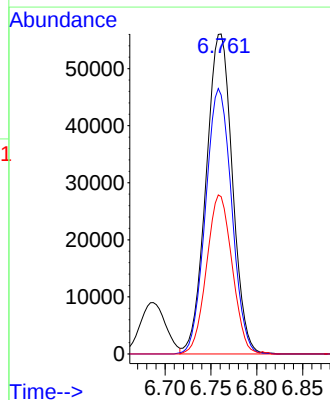
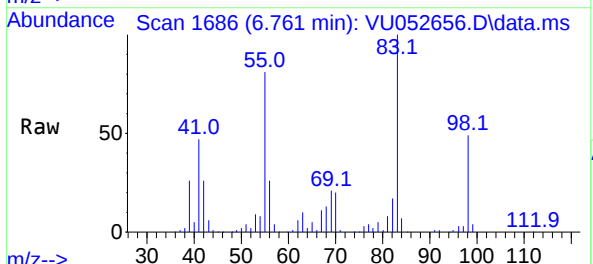
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

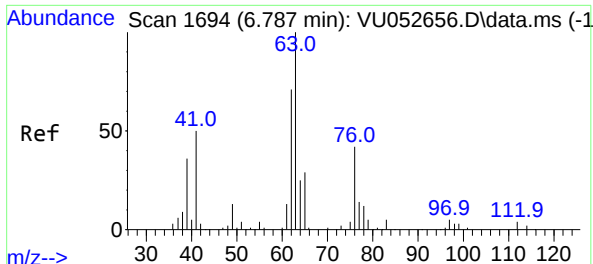
Tgt Ion: 95 Resp: 65222
Ion Ratio Lower Upper
95 100
97 66.4 46.0 85.4
132 93.1 64.0 118.8
130 99.1 66.6 123.8



#35
Methylcyclohexane
Concen: 5.276 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. 0.003 min
Lab File: VU052656.D
Acq: 13 Jan 2023 10:44

Tgt Ion: 83 Resp: 111997
Ion Ratio Lower Upper
83 100
55 82.4 67.6 101.4
98 48.2 37.1 55.7

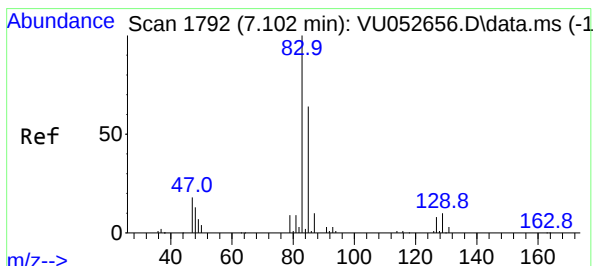
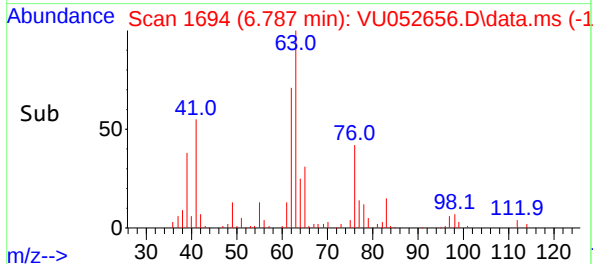
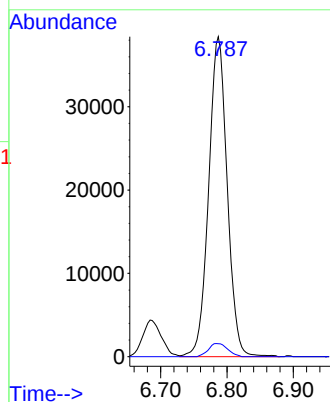
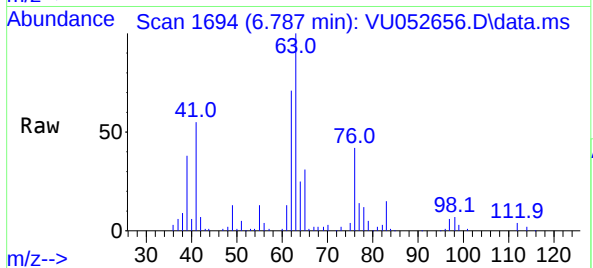




#37
1,2-Dichloropropane
Concen: 5.110 ug/L
RT: 6.787 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VU052656.D
Acq: 13 Jan 2023 10:44

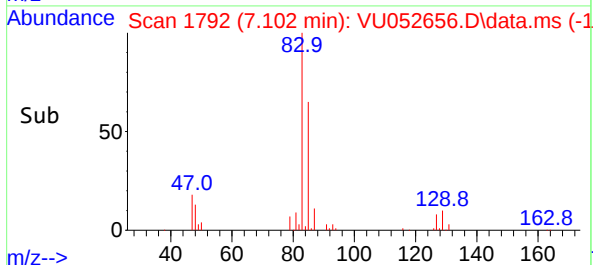
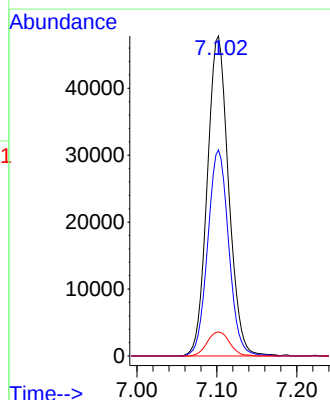
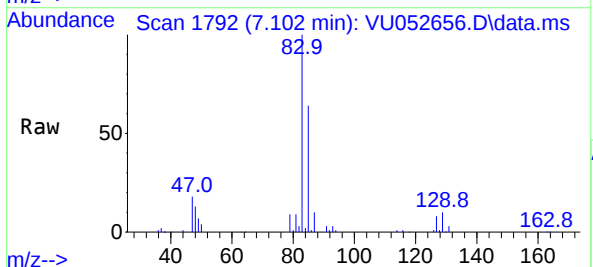
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

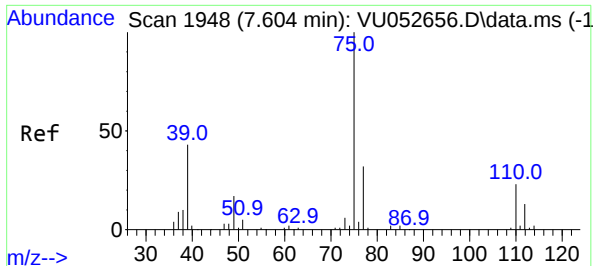
Tgt Ion: 63 Resp: 74531
Ion Ratio Lower Upper
63 100
112 4.3 2.9 4.3



#38
Bromodichloromethane
Concen: 5.169 ug/L
RT: 7.102 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VU052656.D
Acq: 13 Jan 2023 10:44

Tgt Ion: 83 Resp: 88770
Ion Ratio Lower Upper
83 100
85 64.4 47.0 87.4
127 7.5 6.9 10.3

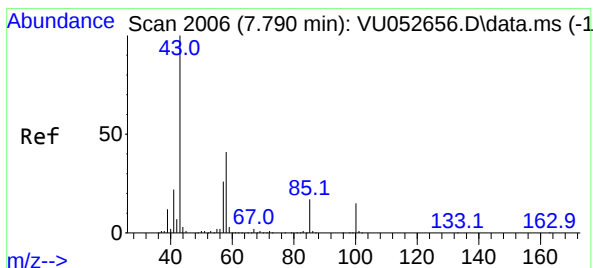
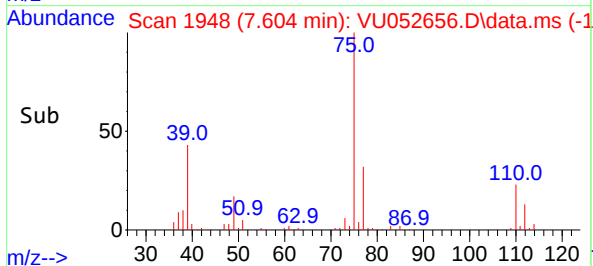
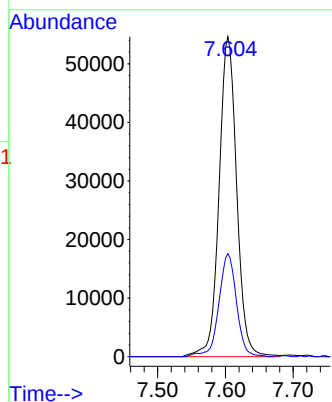
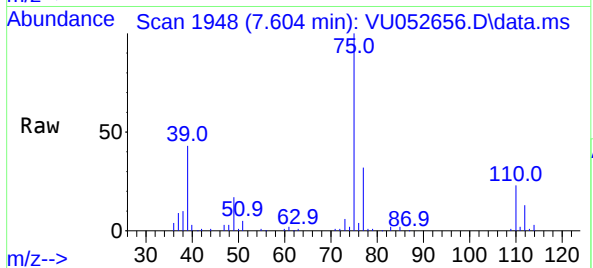




#39
cis-1,3-Dichloropropene
Concen: 5.331 ug/L
RT: 7.604 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VU052656.D
Acq: 13 Jan 2023 10:44

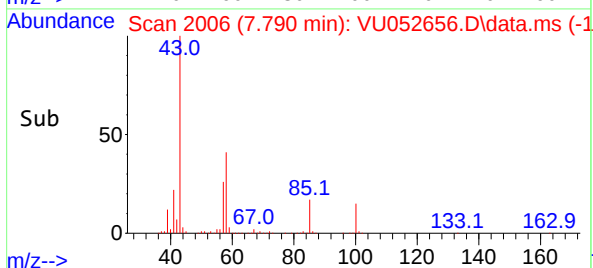
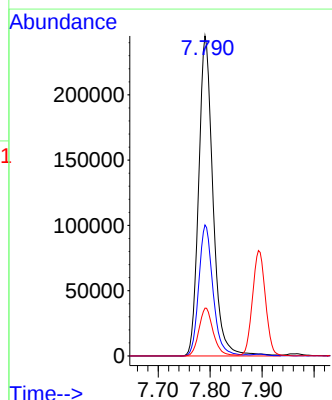
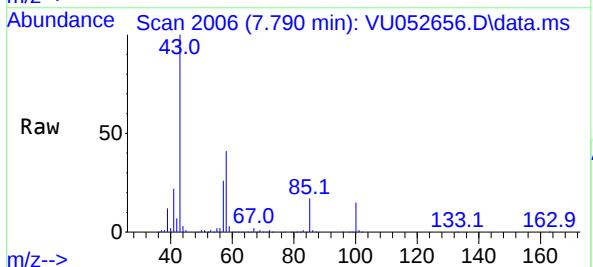
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

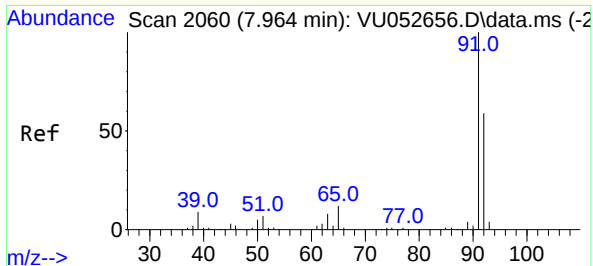
Tgt Ion: 75 Resp: 98707
Ion Ratio Lower Upper
75 100
77 32.2 22.9 42.5



#40
4-Methyl-2-pentanone
Concen: 56.260 ug/L
RT: 7.790 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VU052656.D
Acq: 13 Jan 2023 10:44

Tgt Ion: 43 Resp: 469319
Ion Ratio Lower Upper
43 100
58 40.6 32.0 48.0
100 14.9 11.3 16.9





#42

Toluene

Concen: 5.222 ug/L

RT: 7.964 min Scan# 2060

Delta R.T. 0.000 min

Lab File: VU052656.D

Acq: 13 Jan 2023 10:44

Instrument :

MSVOA_U

ClientSampleId :

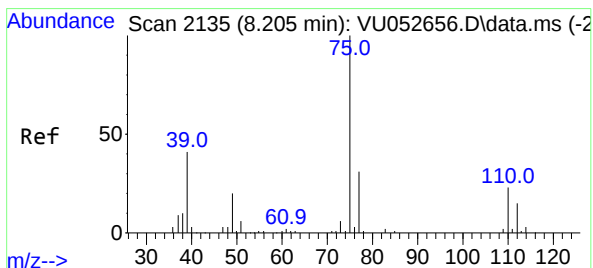
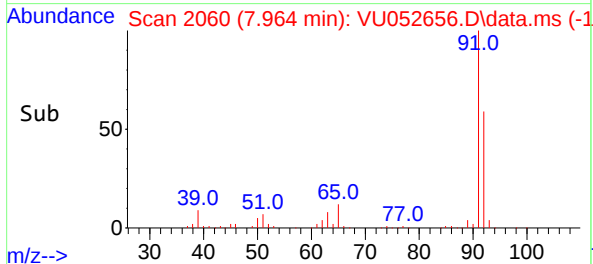
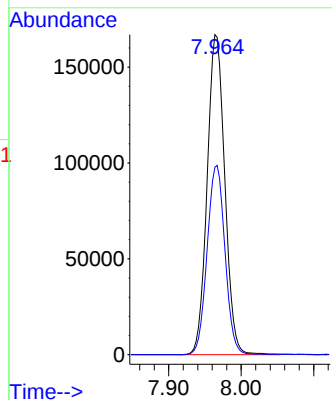
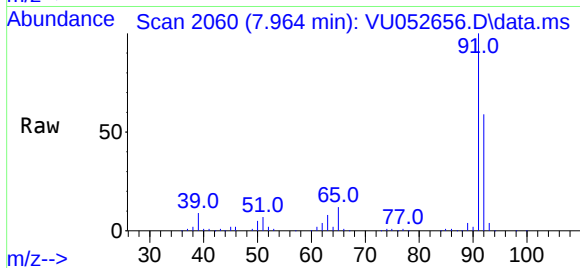
VSTDCCC050

Tgt Ion: 91 Resp: 282712

Ion Ratio Lower Upper

91 100

92 58.6 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 5.362 ug/L

RT: 8.205 min Scan# 2135

Delta R.T. 0.000 min

Lab File: VU052656.D

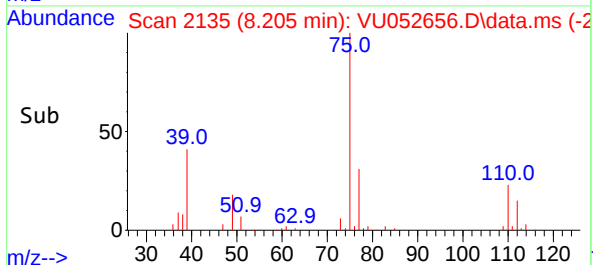
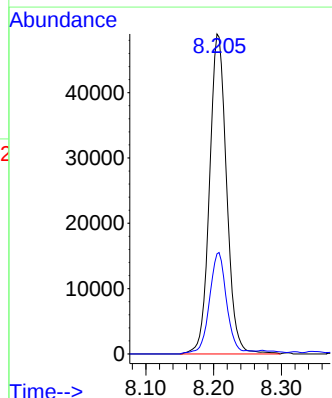
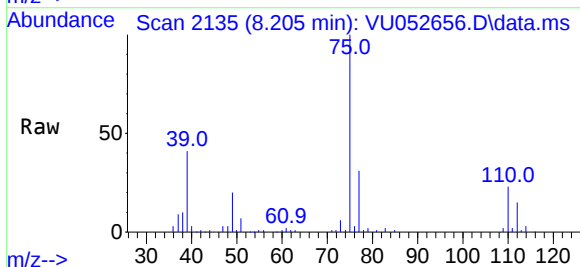
Acq: 13 Jan 2023 10:44

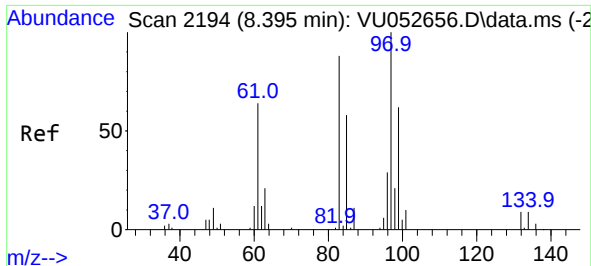
Tgt Ion: 75 Resp: 85700

Ion Ratio Lower Upper

75 100

77 31.3 22.3 41.5



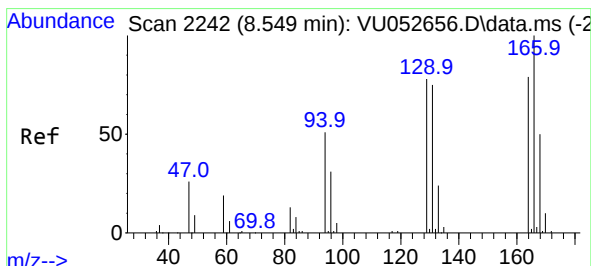
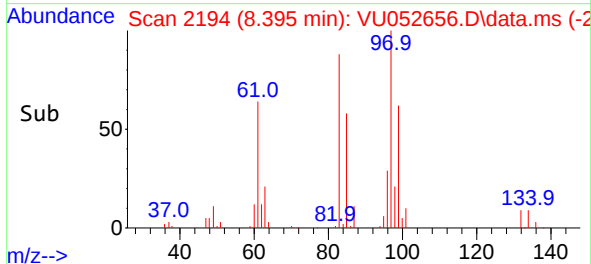
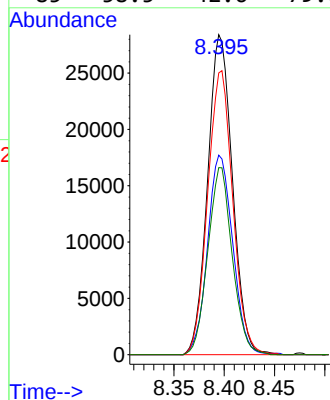
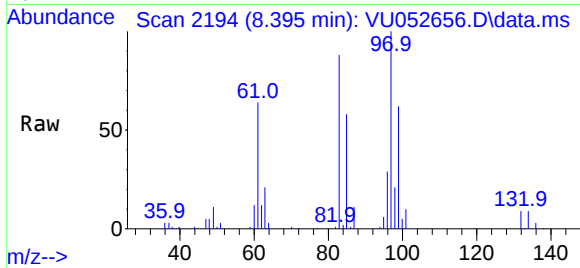


#45
1,1,2-Trichloroethane
Concen: 5.327 ug/L
RT: 8.395 min Scan# 2194
Delta R.T. 0.000 min
Lab File: VU052656.D
Acq: 13 Jan 2023 10:44

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 48868

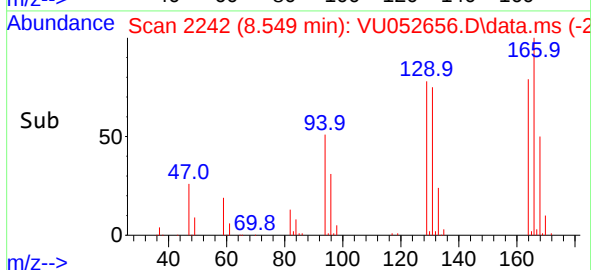
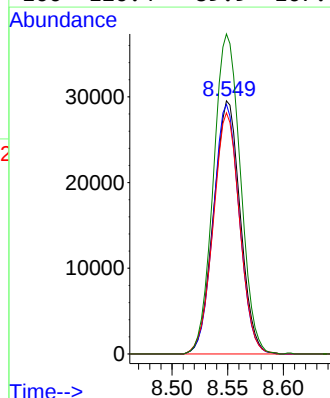
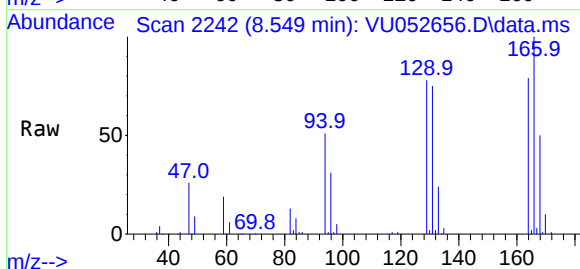
Ion	Ratio	Lower	Upper
97	100		
99	62.3	44.8	83.2
83	88.0	65.3	121.3
85	58.5	42.6	79.0

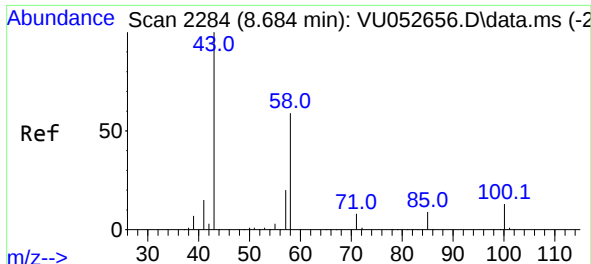


#47
Tetrachloroethene
Concen: 5.200 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VU052656.D
Acq: 13 Jan 2023 10:44

Tgt Ion: 164 Resp: 49254

Ion	Ratio	Lower	Upper
164	100		
129	98.6	71.8	133.4
131	95.3	66.6	123.6
166	126.4	89.9	167.0

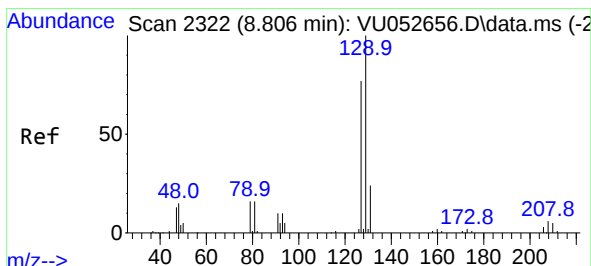
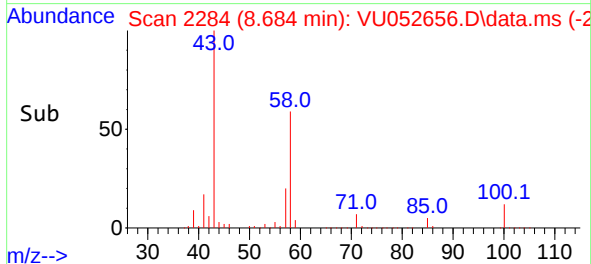
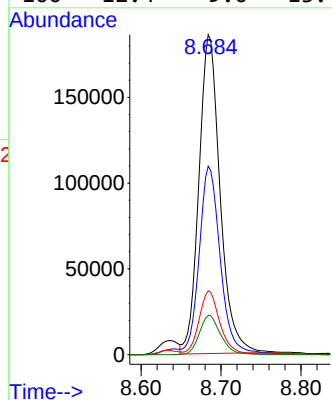
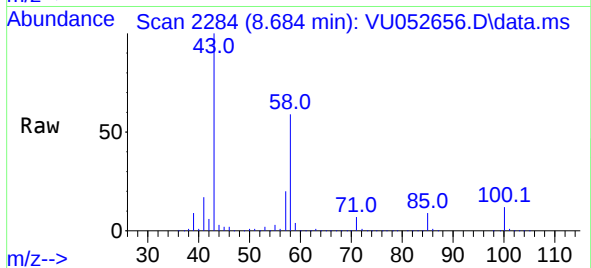




#48
2-Hexanone
Concen: 56.225 ug/L
RT: 8.684 min Scan# 2117
Delta R.T. 0.003 min
Lab File: VU052656.D
Acq: 13 Jan 2023 10:44

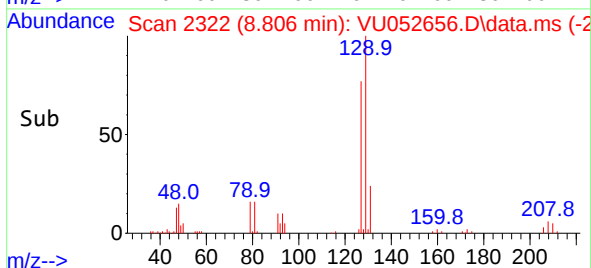
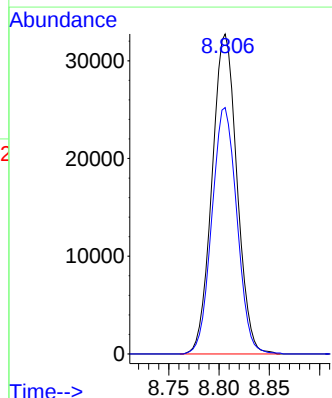
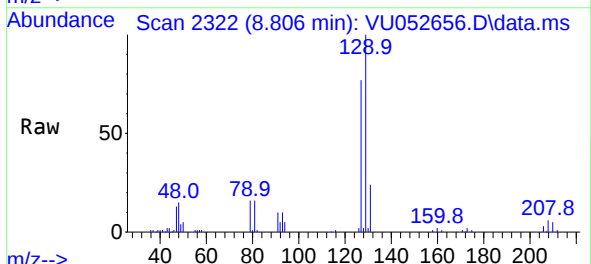
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

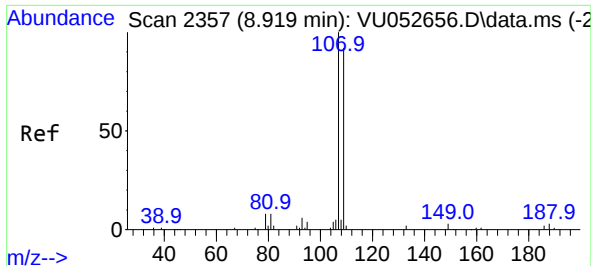
Tgt Ion: 43 Resp: 343417
Ion Ratio Lower Upper
43 100
58 59.1 45.1 67.7
57 20.0 15.1 22.7
100 12.4 9.0 13.4



#49
Dibromochloromethane
Concen: 5.326 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VU052656.D
Acq: 13 Jan 2023 10:44

Tgt Ion: 129 Resp: 56486
Ion Ratio Lower Upper
129 100
127 77.0 53.5 99.5

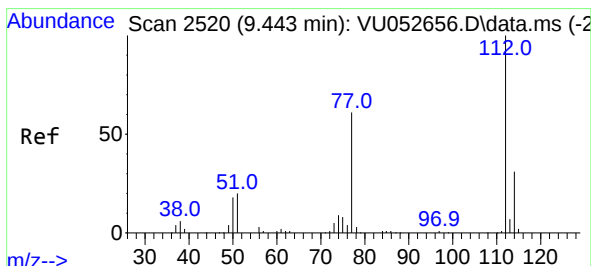
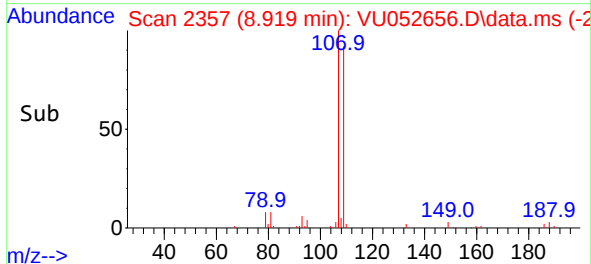
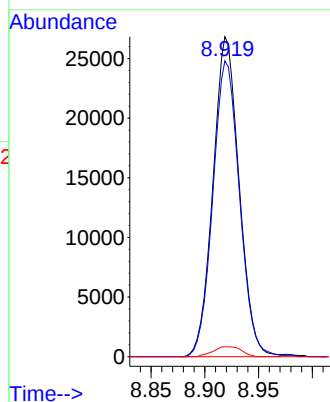
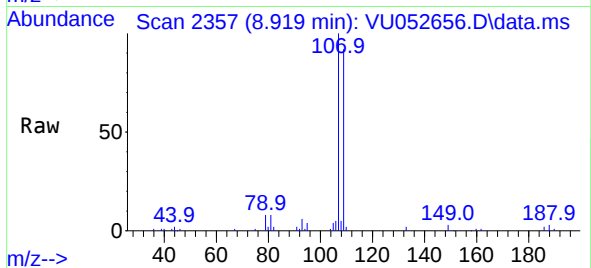




#50
1,2-Dibromoethane
Concen: 5.383 ug/L
RT: 8.919 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU052656.D
Acq: 13 Jan 2023 10:44

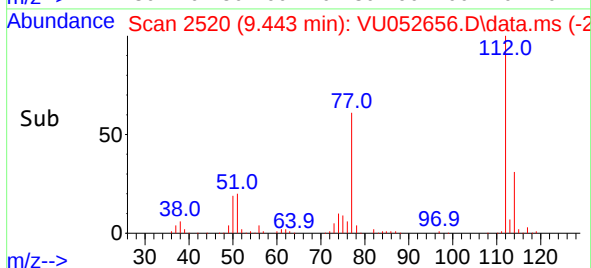
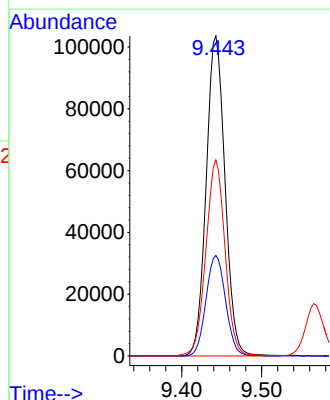
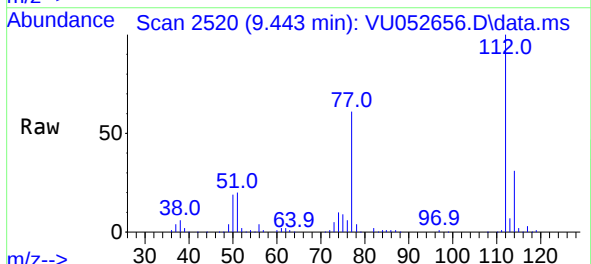
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

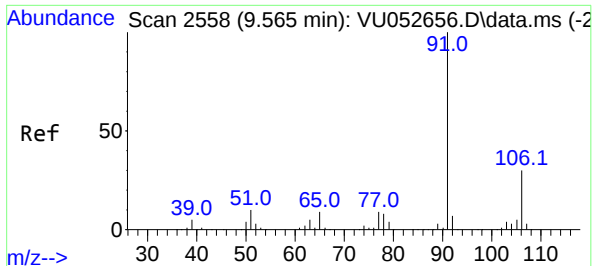
Tgt Ion:107 Resp: 45401
Ion Ratio Lower Upper
107 100
109 92.4 65.3 121.3
188 3.1 2.4 3.6



#51
Chlorobenzene
Concen: 5.041 ug/L
RT: 9.443 min Scan# 2520
Delta R.T. 0.000 min
Lab File: VU052656.D
Acq: 13 Jan 2023 10:44

Tgt Ion:112 Resp: 170022
Ion Ratio Lower Upper
112 100
114 31.4 22.8 42.4
77 61.3 50.2 75.4

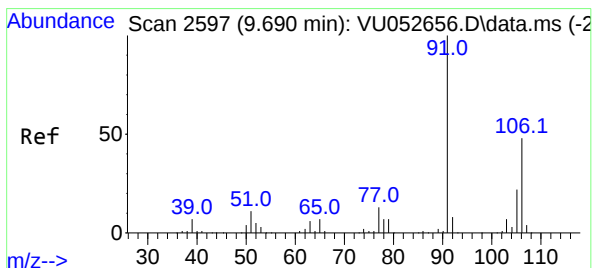
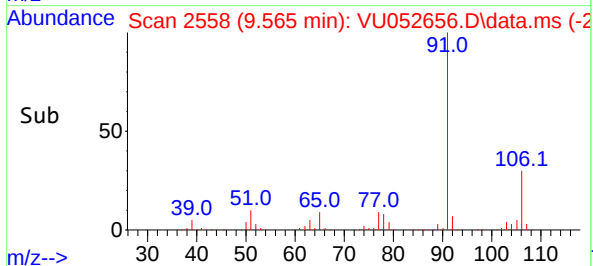
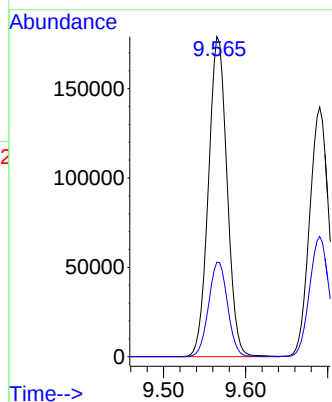
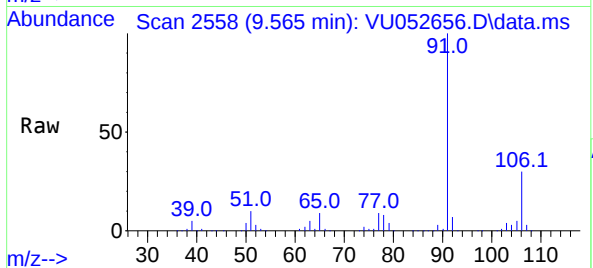




#52
Ethylbenzene
Concen: 5.133 ug/L
RT: 9.565 min Scan# 2558
Delta R.T. 0.000 min
Lab File: VU052656.D
Acq: 13 Jan 2023 10:44

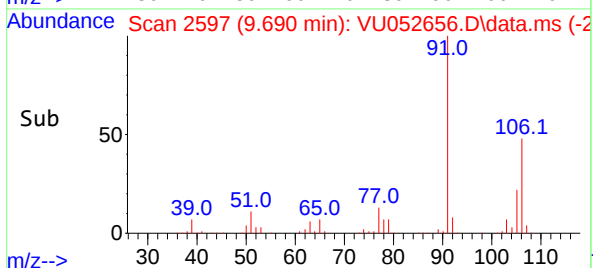
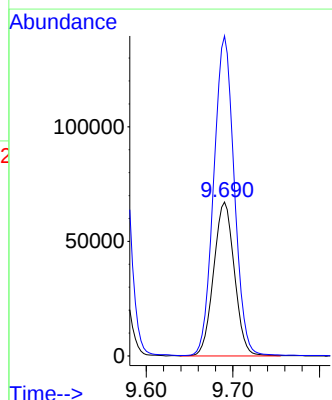
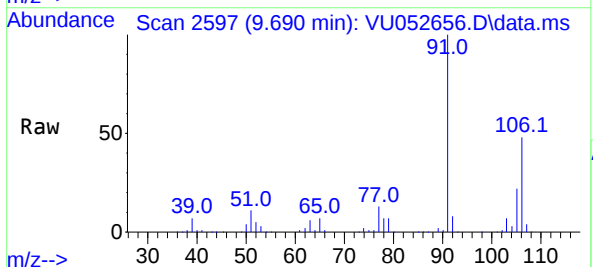
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

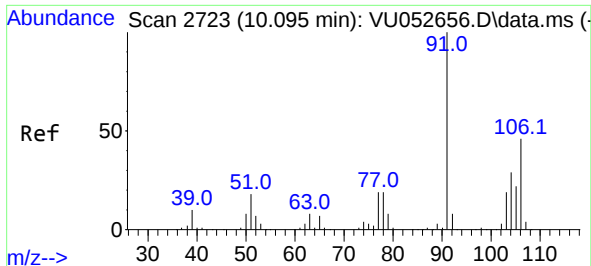
Tgt Ion: 91 Resp: 283076
Ion Ratio Lower Upper
91 100
106 29.5 21.1 39.3



#53
m,p-Xylene
Concen: 5.365 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. 0.000 min
Lab File: VU052656.D
Acq: 13 Jan 2023 10:44

Tgt Ion: 106 Resp: 112084
Ion Ratio Lower Upper
106 100
91 207.8 144.3 267.9

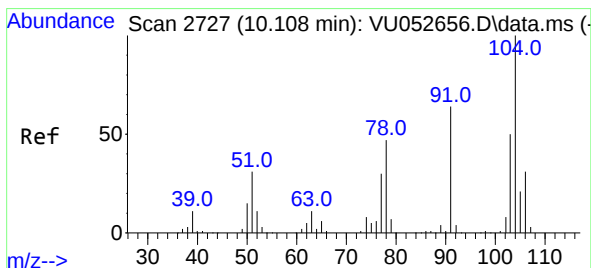
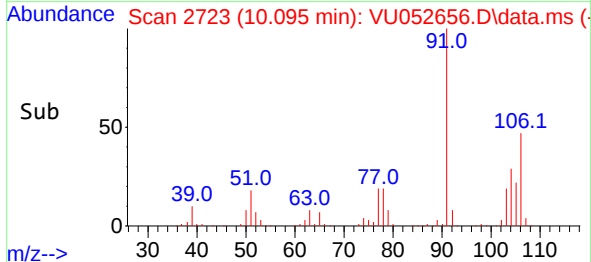
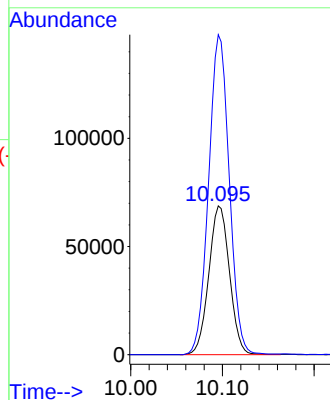
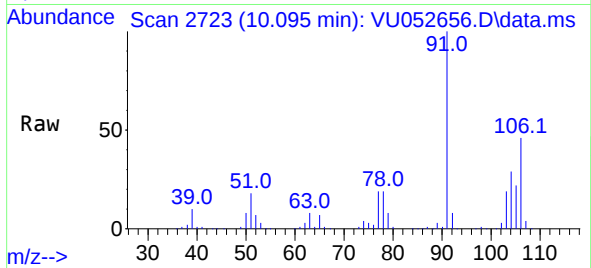




#54
o-Xylene
Concen: 5.403 ug/L
RT: 10.095 min Scan# 2723
Delta R.T. 0.000 min
Lab File: VU052656.D
Acq: 13 Jan 2023 10:44

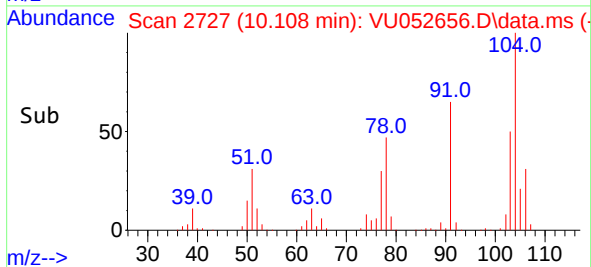
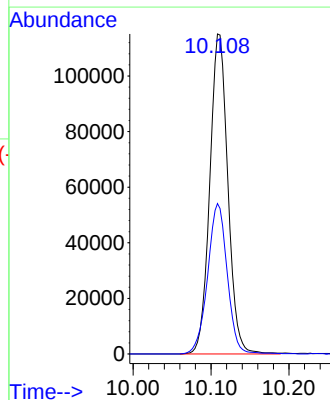
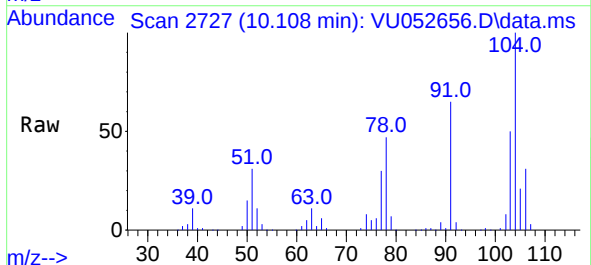
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

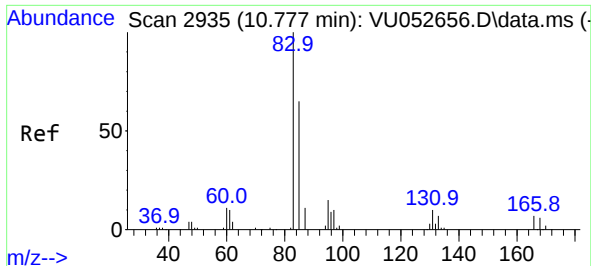
Tgt Ion:106 Resp: 107933
Ion Ratio Lower Upper
106 100
91 215.2 148.7 276.1



#55
Styrene
Concen: 5.453 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. -0.003 min
Lab File: VU052656.D
Acq: 13 Jan 2023 10:44

Tgt Ion:104 Resp: 185807
Ion Ratio Lower Upper
104 100
78 47.0 32.8 60.8

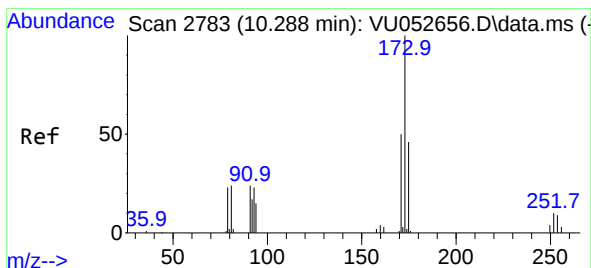
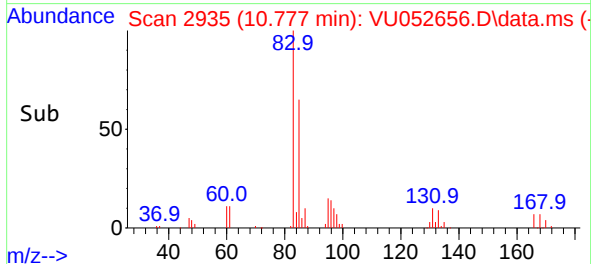
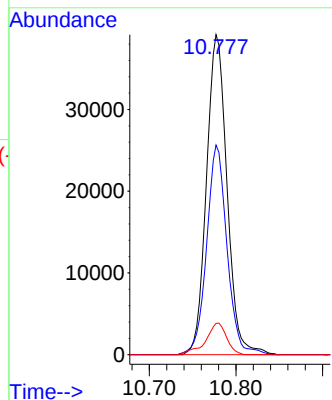
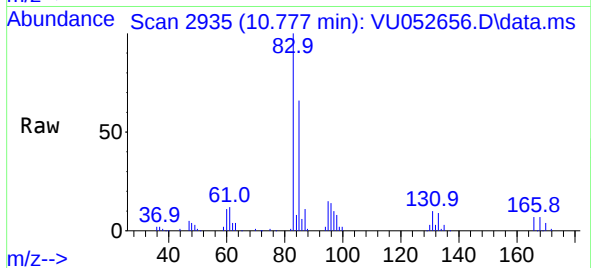




#57
1,1,2,2-Tetrachloroethane
Concen: 5.389 ug/L
RT: 10.777 min Scan# 2935
Delta R.T. 0.000 min
Lab File: VU052656.D
Acq: 13 Jan 2023 10:44

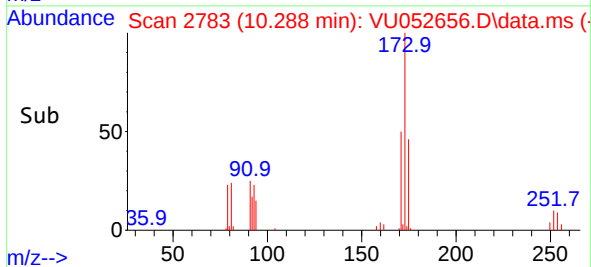
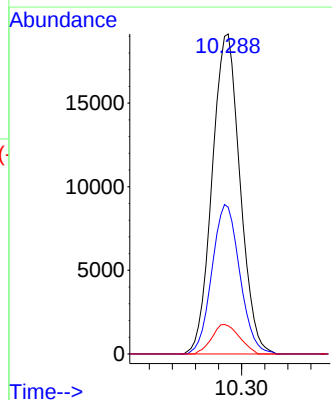
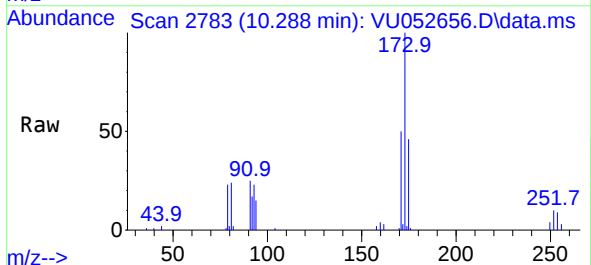
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

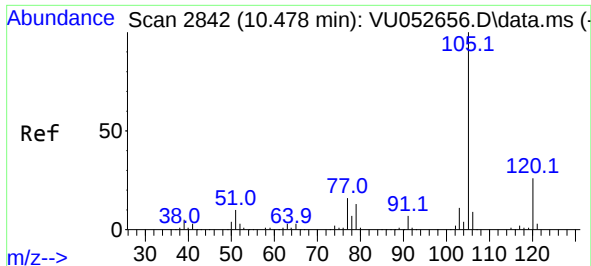
Tgt Ion: 83 Resp: 64579
Ion Ratio Lower Upper
83 100
85 65.5 43.7 81.1
131 9.8 7.0 10.6



#59
Bromoform
Concen: 5.589 ug/L
RT: 10.288 min Scan# 2783
Delta R.T. 0.003 min
Lab File: VU052656.D
Acq: 13 Jan 2023 10:44

Tgt Ion: 173 Resp: 32035
Ion Ratio Lower Upper
173 100
175 46.7 38.2 57.4
254 9.1 7.3 10.9

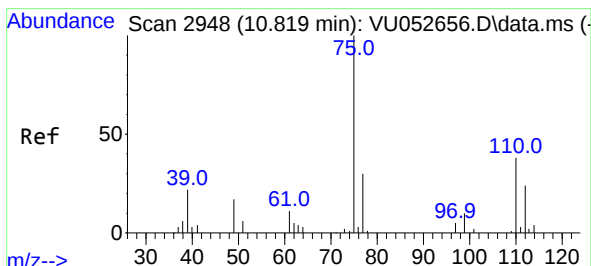
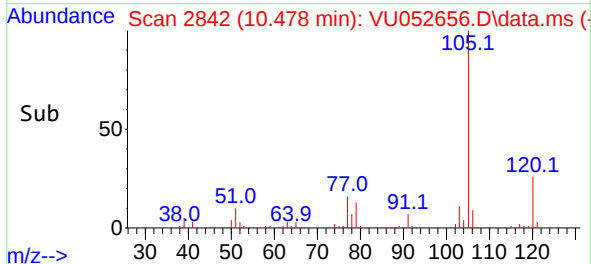
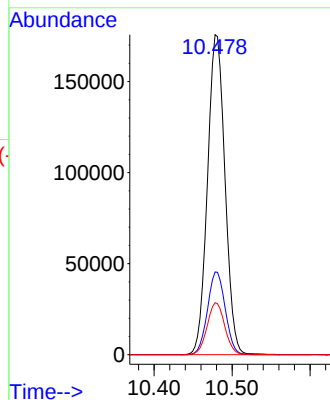
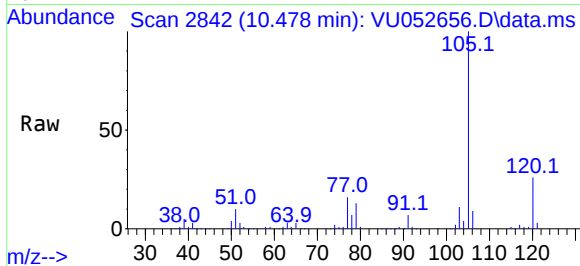




#60
Isopropylbenzene
Concen: 5.246 ug/L
RT: 10.478 min Scan# 2842
Delta R.T. -0.003 min
Lab File: VU052656.D
Acq: 13 Jan 2023 10:44

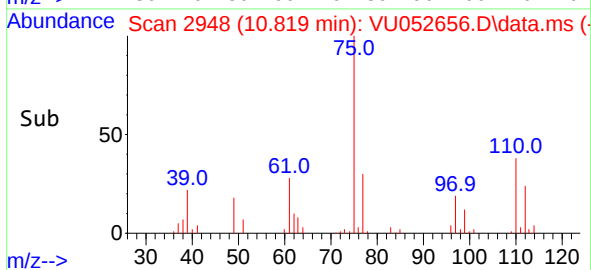
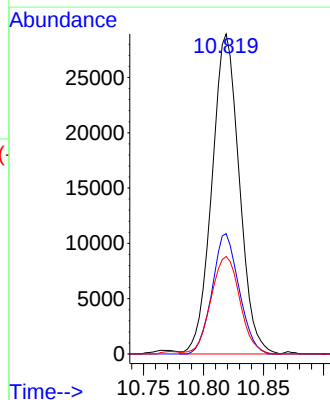
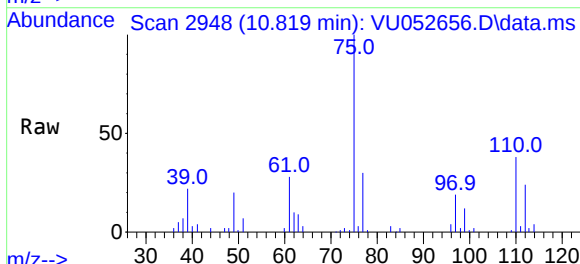
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

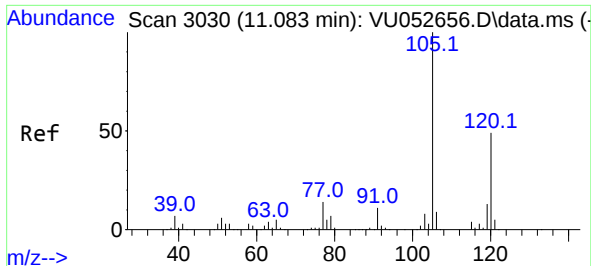
Tgt Ion:105 Resp: 274107
Ion Ratio Lower Upper
105 100
120 26.2 20.4 30.6
77 16.3 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 5.359 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. 0.000 min
Lab File: VU052656.D
Acq: 13 Jan 2023 10:44

Tgt Ion: 75 Resp: 45915
Ion Ratio Lower Upper
75 100
110 36.9 27.2 40.8
77 32.1 24.0 36.0

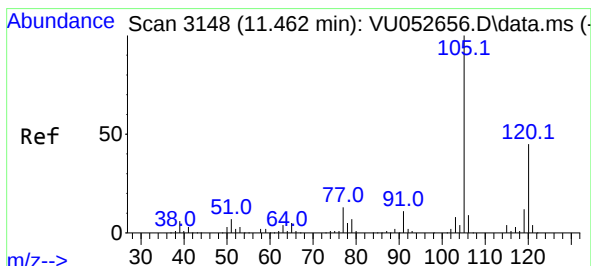
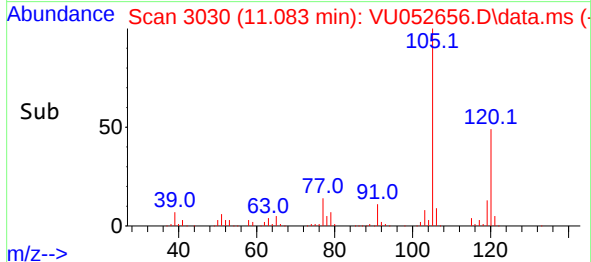
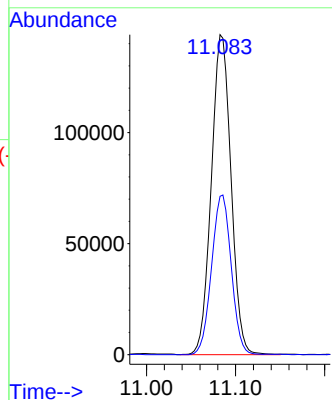
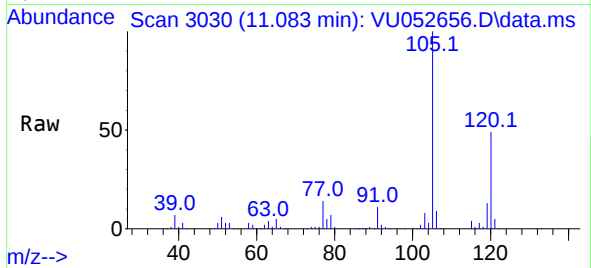




#62
1,3,5-Trimethylbenzene
Concen: 5.307 ug/L
RT: 11.083 min Scan# 3030
Delta R.T. 0.000 min
Lab File: VU052656.D
Acq: 13 Jan 2023 10:44

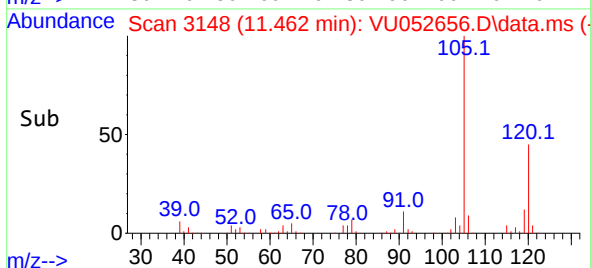
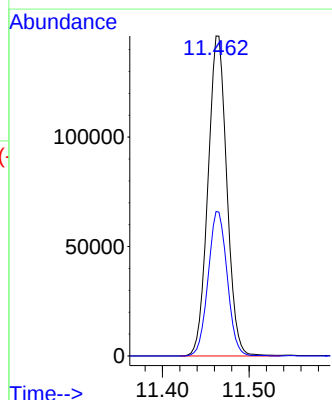
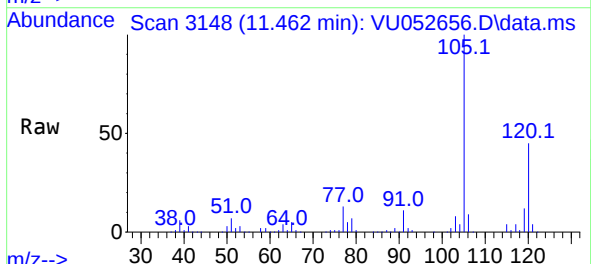
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

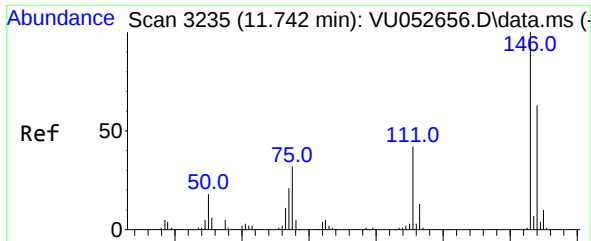
Tgt Ion:105 Resp: 221156
Ion Ratio Lower Upper
105 100
120 49.8 39.0 58.6



#63
1,2,4-Trimethylbenzene
Concen: 5.274 ug/L
RT: 11.462 min Scan# 3148
Delta R.T. 0.000 min
Lab File: VU052656.D
Acq: 13 Jan 2023 10:44

Tgt Ion:105 Resp: 221392
Ion Ratio Lower Upper
105 100
120 45.5 35.9 53.9

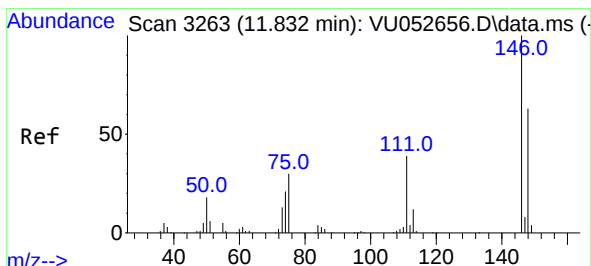
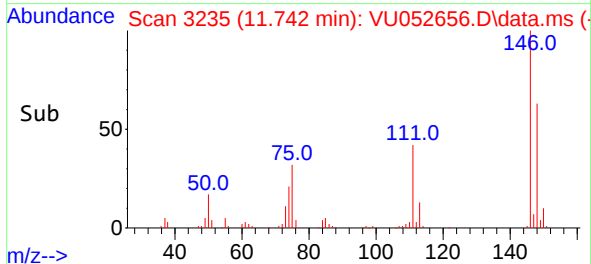
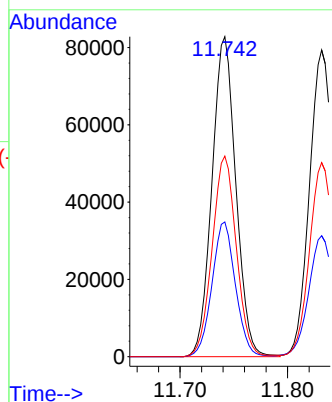
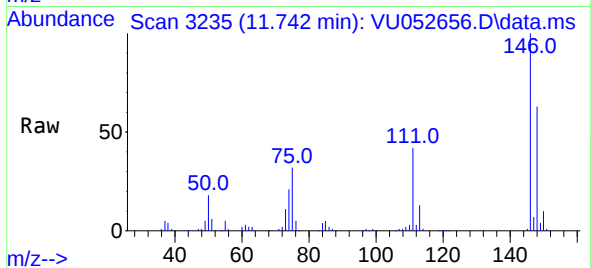




#64
1,3-Dichlorobenzene
Concen: 5.136 ug/L
RT: 11.742 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU052656.D
Acq: 13 Jan 2023 10:44

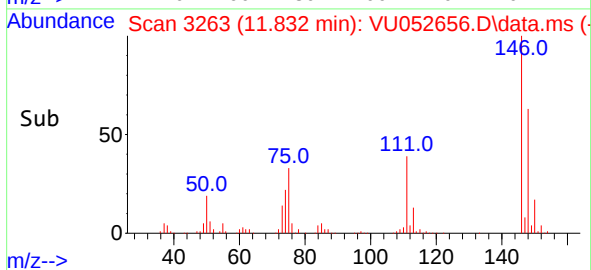
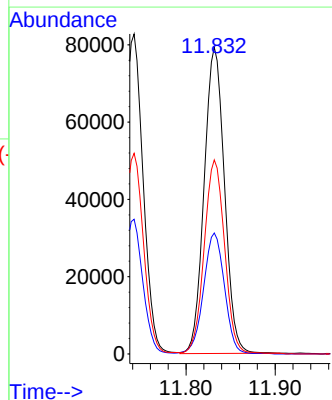
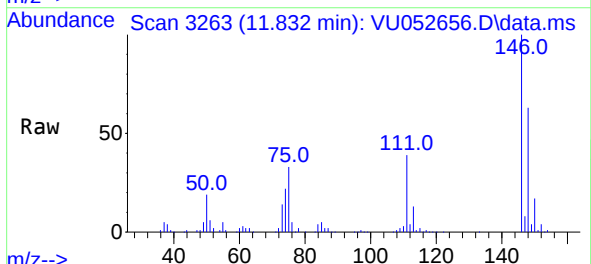
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

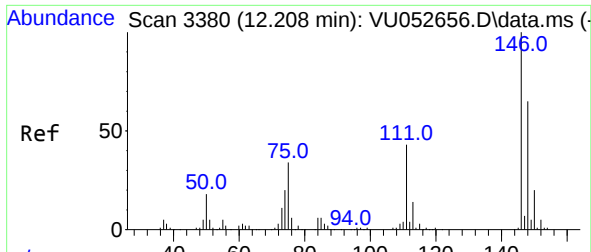
Tgt Ion:146 Resp: 127652
Ion Ratio Lower Upper
146 100
111 42.1 29.4 54.6
148 62.7 44.5 82.7



#65
1,4-Dichlorobenzene
Concen: 4.941 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. 0.000 min
Lab File: VU052656.D
Acq: 13 Jan 2023 10:44

Tgt Ion:146 Resp: 125269
Ion Ratio Lower Upper
146 100
111 39.5 28.1 52.3
148 63.3 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 5.078 ug/L

RT: 12.208 min Scan# 3380

Delta R.T. 0.000 min

Lab File: VU052656.D

Acq: 13 Jan 2023 10:44

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

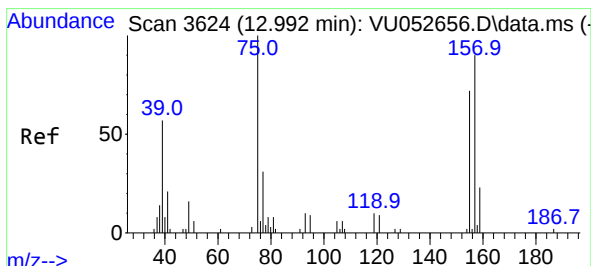
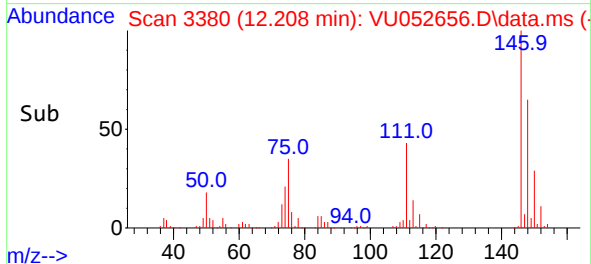
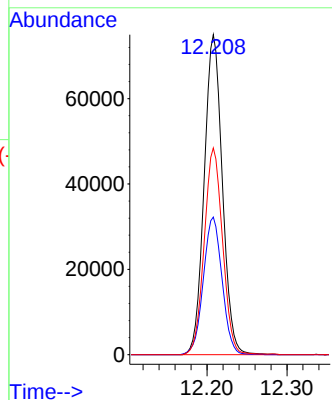
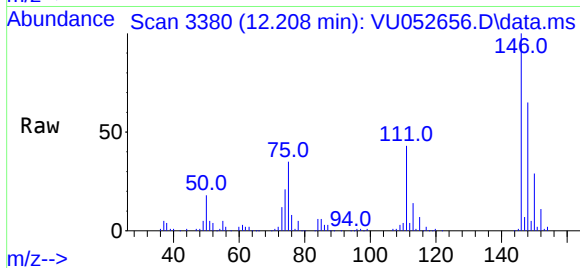
Tgt Ion:146 Resp: 118757

Ion Ratio Lower Upper

146 100

111 43.0 33.8 50.6

148 64.6 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 5.439 ug/L

RT: 12.992 min Scan# 3624

Delta R.T. 0.003 min

Lab File: VU052656.D

Acq: 13 Jan 2023 10:44

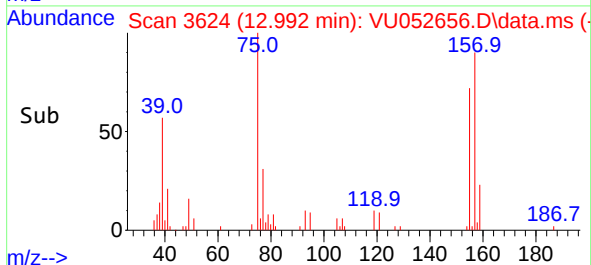
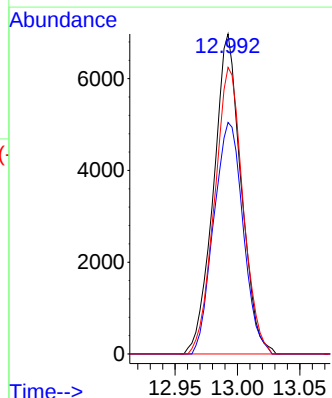
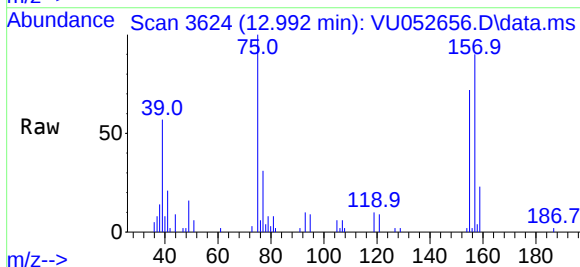
Tgt Ion: 75 Resp: 10747

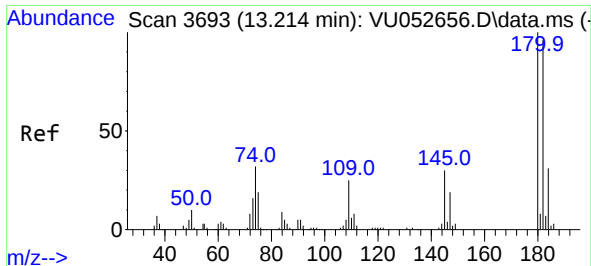
Ion Ratio Lower Upper

75 100

155 72.4 48.0 72.0#

157 89.5 69.3 103.9

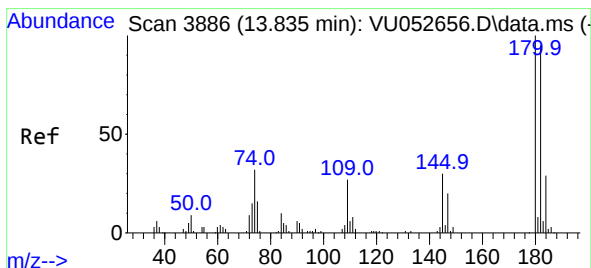
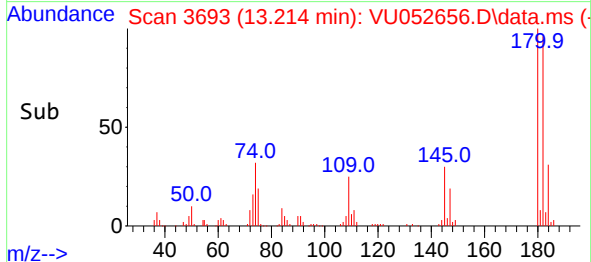
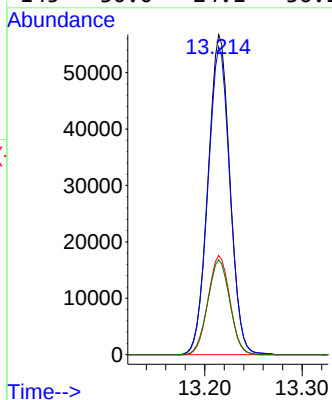
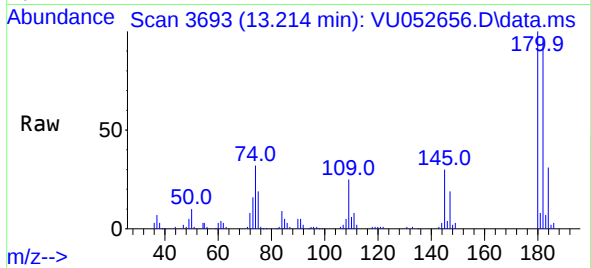




#69
1,3,5-Trichlorobenzene
Concen: 4.789 ug/L
RT: 13.214 min Scan# 3693
Delta R.T. 0.000 min
Lab File: VU052656.D
Acq: 13 Jan 2023 10:44

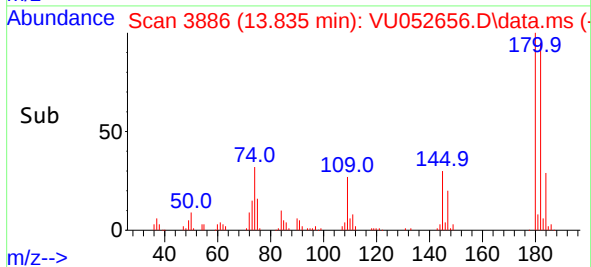
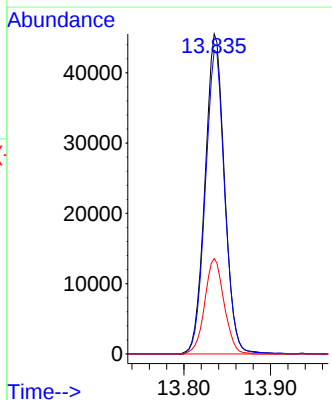
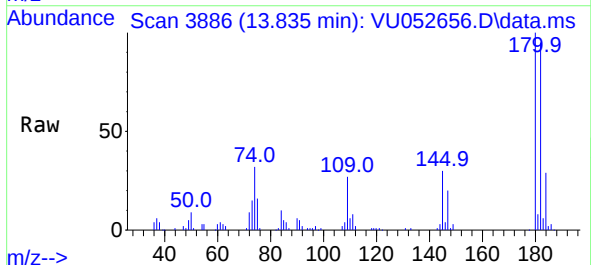
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

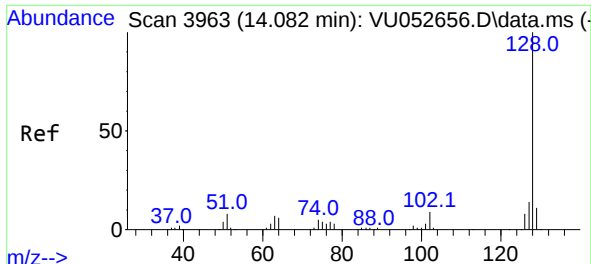
Tgt Ion:	180	Resp:	88416
Ion Ratio	Lower	Upper	
180	100		
182	96.7	75.1	112.7
184	30.7	23.6	35.4
145	30.0	24.1	36.1



#70
1,2,4-trichlorobenzene
Concen: 4.799 ug/L
RT: 13.835 min Scan# 3886
Delta R.T. 0.000 min
Lab File: VU052656.D
Acq: 13 Jan 2023 10:44

Tgt Ion:	180	Resp:	71054
Ion Ratio	Lower	Upper	
180	100		
182	94.9	77.5	116.3
145	29.6	25.3	37.9



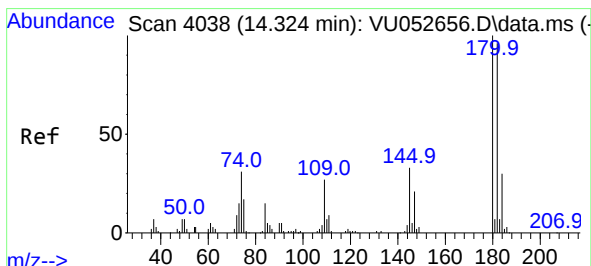
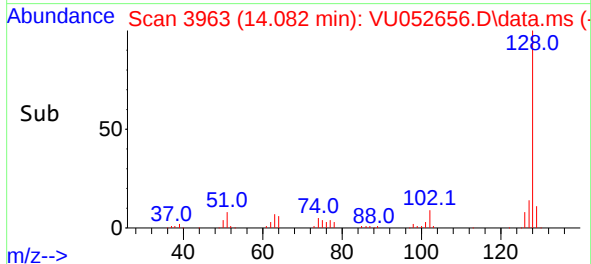
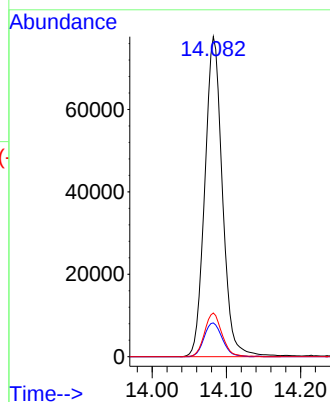
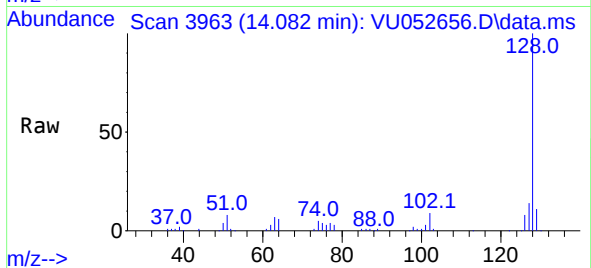


#71
Naphthalene
Concen: 4.961 ug/L
RT: 14.082 min Scan# 3963
Delta R.T. 0.000 min
Lab File: VU052656.D
Acq: 13 Jan 2023 10:44

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 127520

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.3	12.5
127	13.6	10.8	16.2



#72
1,2,3-Trichlorobenzene
Concen: 4.981 ug/L
RT: 14.324 min Scan# 4038
Delta R.T. 0.000 min
Lab File: VU052656.D
Acq: 13 Jan 2023 10:44

Tgt Ion:180 Resp: 67574

Ion	Ratio	Lower	Upper
180	100		
182	95.0	75.8	113.6
145	32.3	26.5	39.7

