

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082622\
 Data File : VU050449.D
 Acq On : 26 Aug 2022 11:13
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050176

Quant Time: Aug 27 02:42:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM082422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 25 05:03:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	340589	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	334574	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	162919	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	171651	42.623	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.240%
7) Chloroethane-d5	1.903	69	137567	46.164	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.320%
11) 1,1-Dichloroethene-d2	2.565	63	251679	44.221	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.440%
21) 2-Butanone-d5	4.620	46	237322	90.032	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.030%
24) Chloroform-d	5.063	84	289574	44.793	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.580%
26) 1,2-Dichloroethane-d4	5.700	65	176257	43.869	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.740%
32) Benzene-d6	5.726	84	583556	47.204	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.400%
36) 1,2-Dichloropropane-d6	6.690	67	187011	45.664	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.320%
41) Toluene-d8	7.896	98	521343	48.195	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.400%
43) trans-1,3-Dichloroprop...	8.179	79	79157	46.336	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.680%
47) 2-Hexanone-d5	8.632	63	142862	93.999	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.000%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	284265	45.002	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	181158	46.549	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.100%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	122950	46.182	ug/L	99
3) Chloromethane	1.517	50	141639	45.713	ug/L	100
5) Vinyl chloride	1.601	62	137113	45.255	ug/L	99
6) Bromomethane	1.842	94	63558	56.732	ug/L	97
8) Chloroethane	1.925	64	89891	48.836	ug/L	98
9) Trichlorofluoromethane	2.131	101	181608	47.113	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	112689	47.683	ug/L	99
12) 1,1-Dichloroethene	2.575	96	98126	46.966	ug/L	94
13) Acetone	2.626	43	197270	113.821	ug/L	98
14) Carbon disulfide	2.790	76	221262	41.501	ug/L	99
15) Methyl Acetate	2.948	43	152343	48.856	ug/L	99
16) Methylene chloride	3.041	84	137285	47.148	ug/L	98
17) trans-1,2-Dichloroethene	3.350	96	104961	47.790	ug/L	99
18) Methyl tert-butyl Ether	3.363	73	369707	53.184	ug/L	99
19) 1,1-Dichloroethane	3.867	63	231773	48.709	ug/L	97
20) cis-1,2-Dichloroethene	4.665	96	133155	50.627	ug/L	97
22) 2-Butanone	4.700	43	253409	107.884	ug/L	99
23) Bromochloromethane	4.973	128	70372	48.989	ug/L	98
25) Chloroform	5.086	83	249572	49.233	ug/L	100

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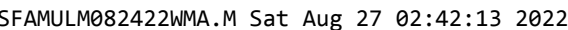
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050176

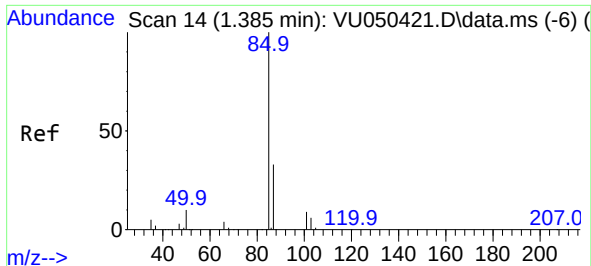
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	187528	49.592	ug/L	98
29) Cyclohexane	5.388	56	153249	49.793	ug/L	100
30) 1,1,1-Trichloroethane	5.314	97	189409	49.482	ug/L	99
31) Carbon tetrachloride	5.523	117	152973	48.697	ug/L	100
33) Benzene	5.774	78	521851	51.516	ug/L	100
34) Trichloroethene	6.542	95	120422	50.222	ug/L	99
35) Methylcyclohexane	6.761	83	165150	49.257	ug/L	99
37) 1,2-Dichloropropane	6.790	63	147780	50.224	ug/L	99
38) Bromodichloromethane	7.105	83	187668	49.991	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	198864	51.466	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	426689	109.123	ug/L	100
42) Toluene	7.970	91	540841	52.993	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	189588	52.639	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	148314	51.225	ug/L	98
46) Tetrachloroethene	8.552	164	85718	48.674	ug/L	97
48) 2-Hexanone	8.684	43	357561	109.499	ug/L	95
49) Dibromochloromethane	8.809	129	150943	50.329	ug/L	95
50) 1,2-Dibromoethane	8.922	107	146124	50.501	ug/L	99
51) Chlorobenzene	9.446	112	339968	50.760	ug/L	98
52) Ethylbenzene	9.568	91	543640	52.851	ug/L	99
53) m,p-Xylene	9.693	106	205221	53.424	ug/L	100
54) o-Xylene	10.099	106	210066	55.043	ug/L	97
55) Styrene	10.115	104	369515	56.902	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	268408	50.734	ug/L	100
59) Bromoform	10.291	173	111606	47.837	ug/L	100
60) 1,2,3-Trichloropropane	10.822	75	205579	48.967	ug/L	99
61) Isopropylbenzene	10.484	105	532534	52.846	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	431836	53.073	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	431149	54.328	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	250350	50.810	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	249120	50.205	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	264743	51.095	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	55690	49.911	ug/L	94
69) 1,3,5-Trichlorobenzene	13.217	180	172983	50.931	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	140407	51.620	ug/L	99
71) Naphthalene	14.086	128	473153	53.029	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	160123	53.863	ug/L	99

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

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Response via : Initial Calibration

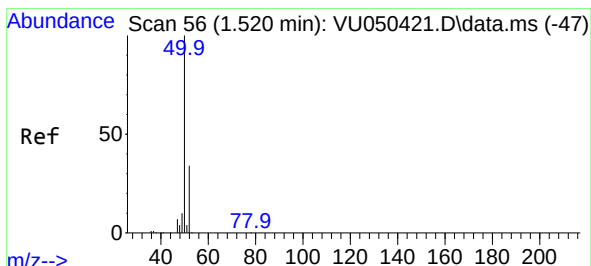
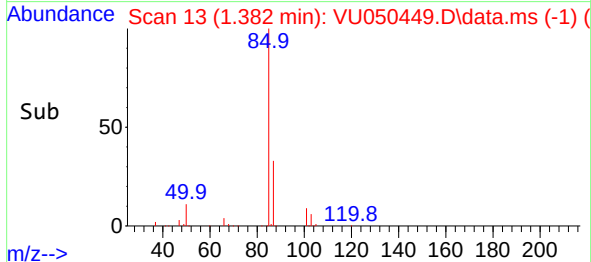
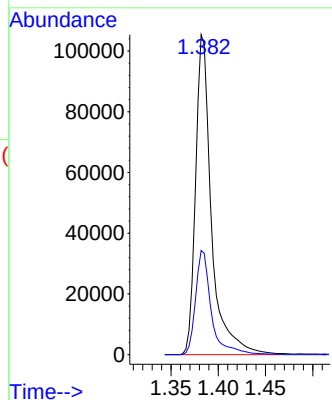
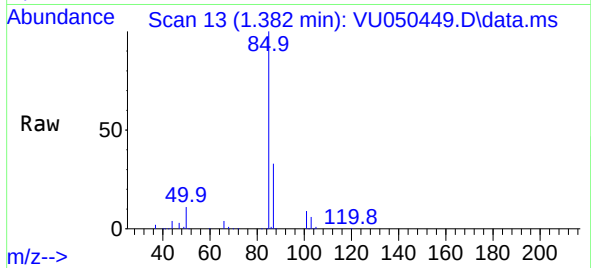




#2
Dichlorodifluoromethane
Concen: 46.182 ug/L
RT: 1.382 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU050449.D
Acq: 26 Aug 2022 11:13

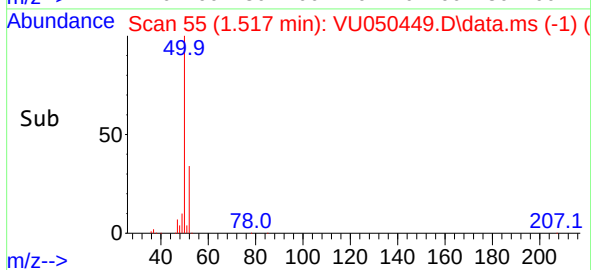
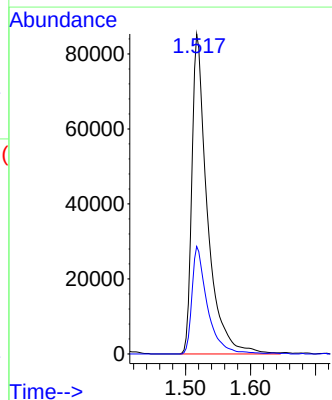
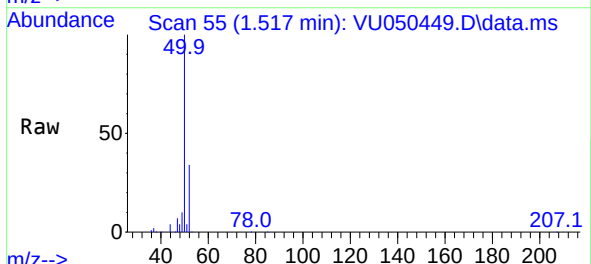
Instrument :
MSVOA_U
ClientSampleId :
VSTD050176

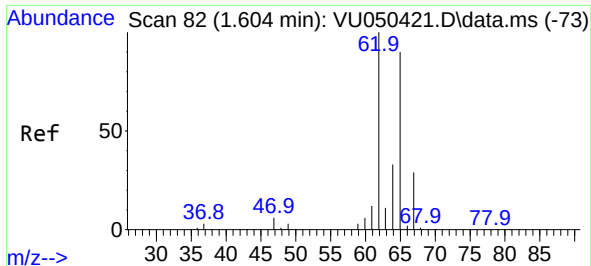
Tgt Ion: 85 Resp: 122950
Ion Ratio Lower Upper
85 100
87 32.5 26.2 39.4



#3
Chloromethane
Concen: 45.713 ug/L
RT: 1.517 min Scan# 55
Delta R.T. -0.003 min
Lab File: VU050449.D
Acq: 26 Aug 2022 11:13

Tgt Ion: 50 Resp: 141639
Ion Ratio Lower Upper
50 100
52 33.6 23.4 43.6

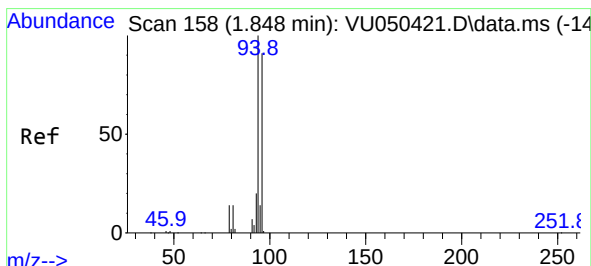
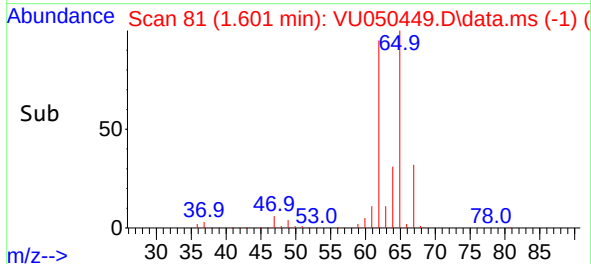
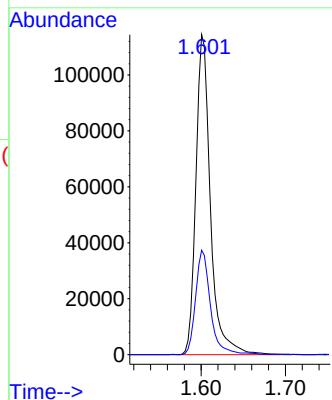
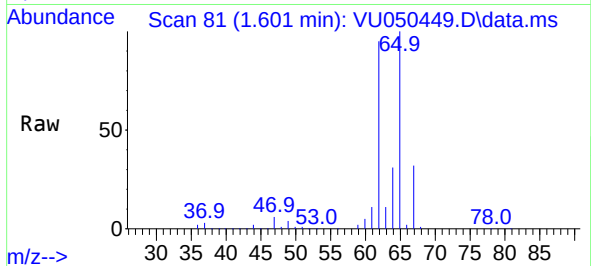




#5
 Vinyl chloride
 Concen: 45.255 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU050449.D
 Acq: 26 Aug 2022 11:13

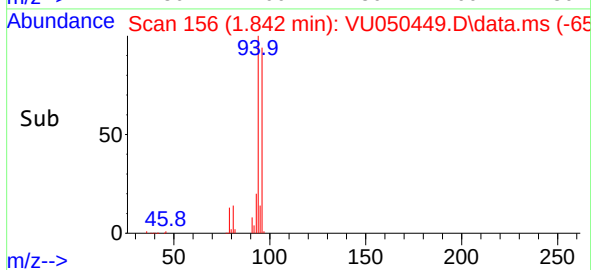
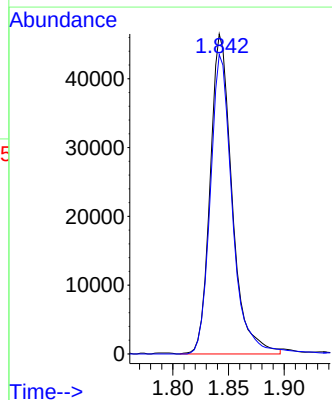
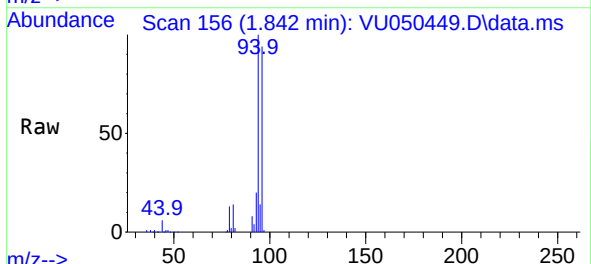
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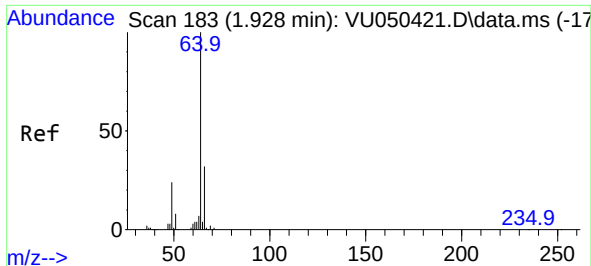
Tgt Ion: 62 Resp: 137113
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.1 42.9



#6
 Bromomethane
 Concen: 56.732 ug/L
 RT: 1.842 min Scan# 156
 Delta R.T. -0.006 min
 Lab File: VU050449.D
 Acq: 26 Aug 2022 11:13

Tgt Ion: 94 Resp: 63558
 Ion Ratio Lower Upper
 94 100
 96 93.6 63.3 117.5

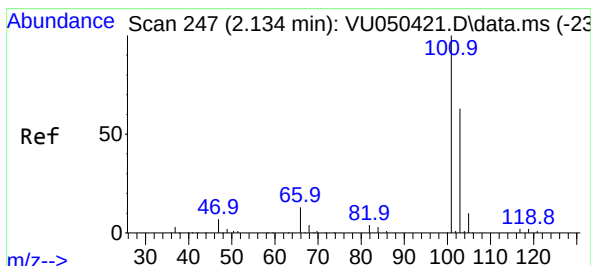
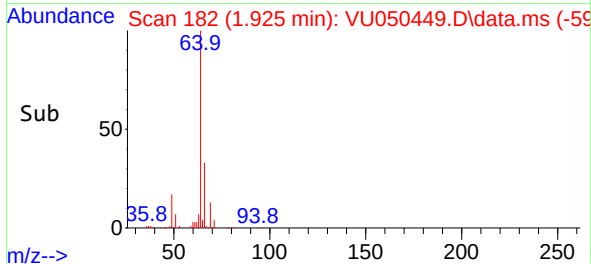
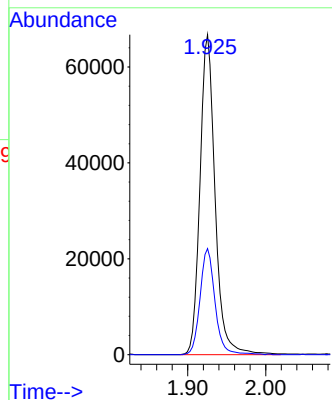
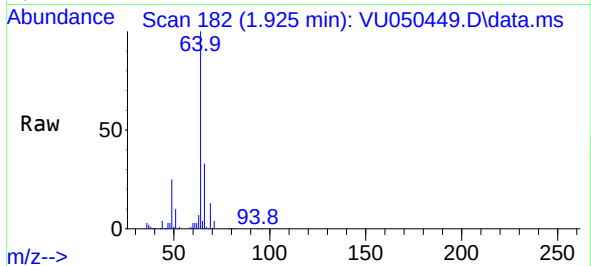




#8
Chloroethane
Concen: 48.836 ug/L
RT: 1.925 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU050449.D
Acq: 26 Aug 2022 11:13

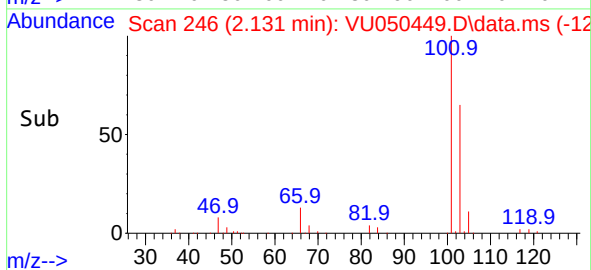
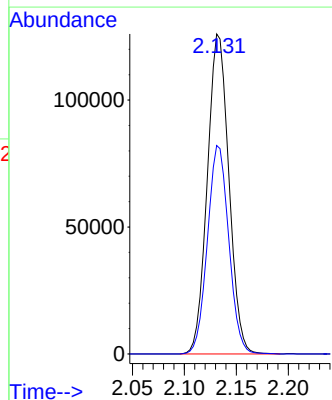
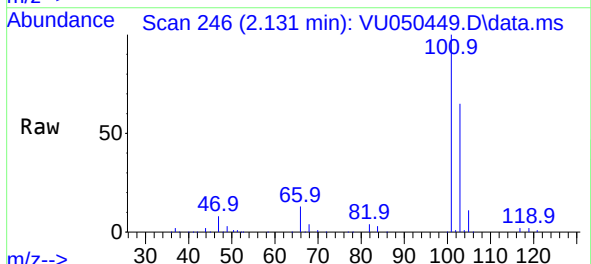
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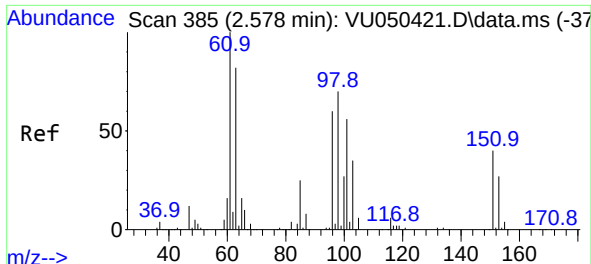
Tgt Ion: 64 Resp: 89891
Ion Ratio Lower Upper
64 100
66 33.2 22.3 41.3



#9
Trichlorofluoromethane
Concen: 47.113 ug/L
RT: 2.131 min Scan# 246
Delta R.T. -0.003 min
Lab File: VU050449.D
Acq: 26 Aug 2022 11:13

Tgt Ion: 101 Resp: 181608
Ion Ratio Lower Upper
101 100
103 64.5 51.1 76.7

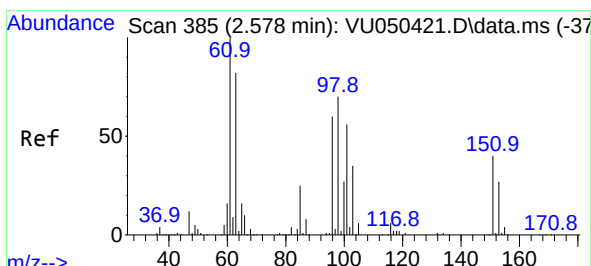
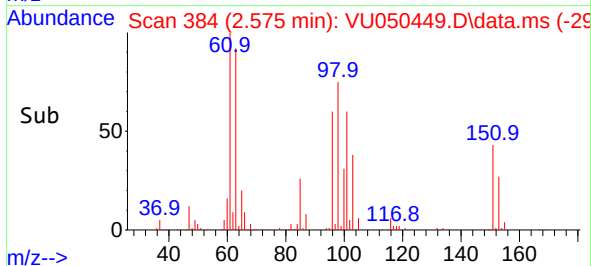
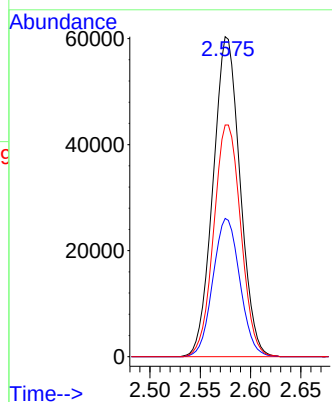
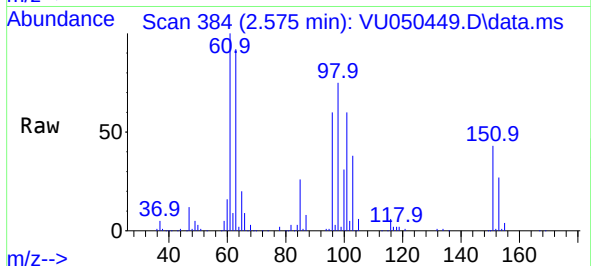




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 47.683 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.003 min
Lab File: VU050449.D
Acq: 26 Aug 2022 11:13

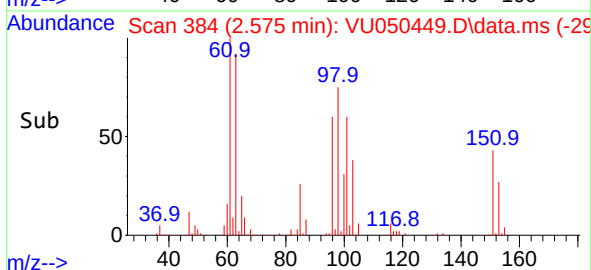
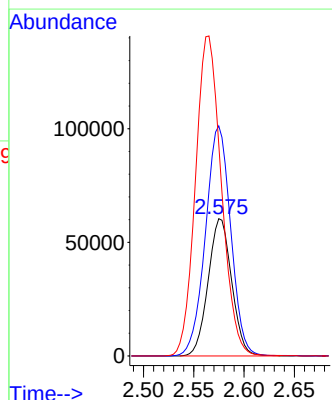
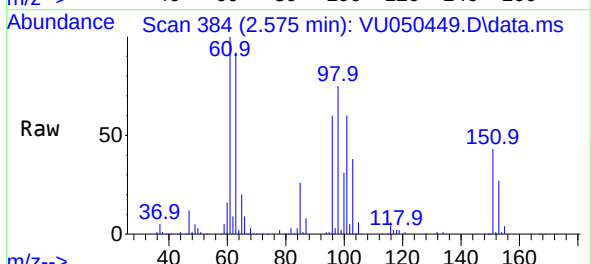
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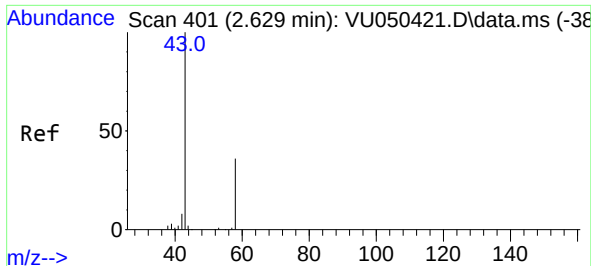
Tgt Ion:101 Resp: 112689
Ion Ratio Lower Upper
101 100
85 43.2 35.3 52.9
151 72.8 57.3 85.9



#12
1,1-Dichloroethene
Concen: 46.966 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.003 min
Lab File: VU050449.D
Acq: 26 Aug 2022 11:13

Tgt Ion: 96 Resp: 98126
Ion Ratio Lower Upper
96 100
61 167.6 116.8 216.8
63 154.2 97.4 180.8





#13

Acetone

Concen: 113.821 ug/L

RT: 2.626 min Scan# 401

Delta R.T. -0.003 min

Lab File: VU050449.D

Acq: 26 Aug 2022 11:13

Instrument :

MSVOA_U

ClientSampleId :

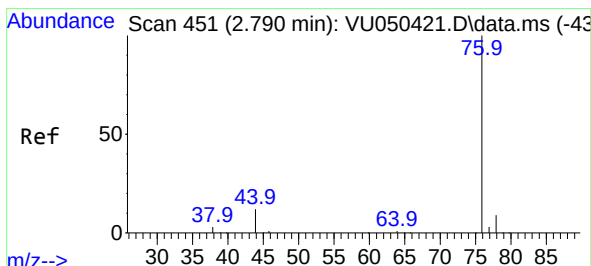
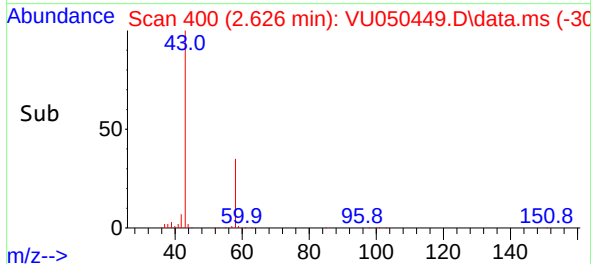
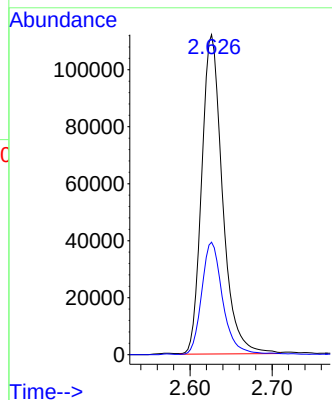
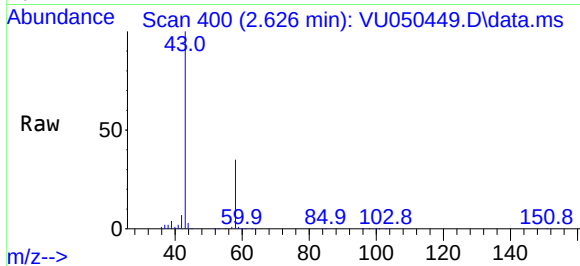
VSTD050176

Tgt Ion: 43 Resp: 197270

Ion Ratio Lower Upper

43 100

58 35.2 0.0 72.2



#14

Carbon disulfide

Concen: 41.501 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.000 min

Lab File: VU050449.D

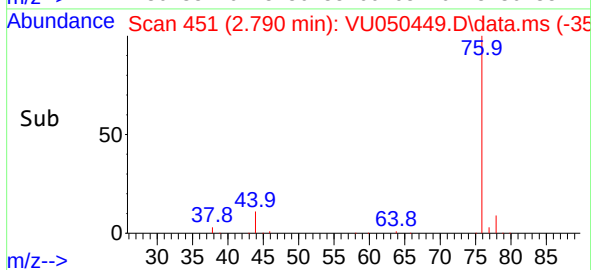
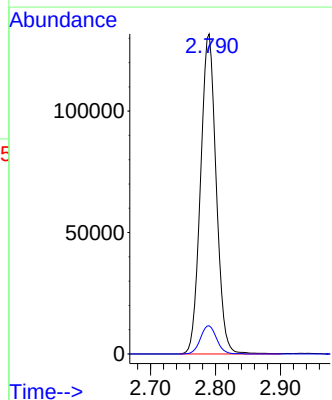
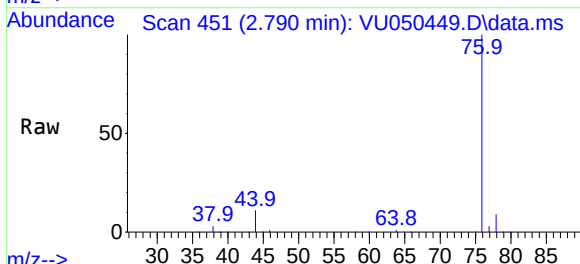
Acq: 26 Aug 2022 11:13

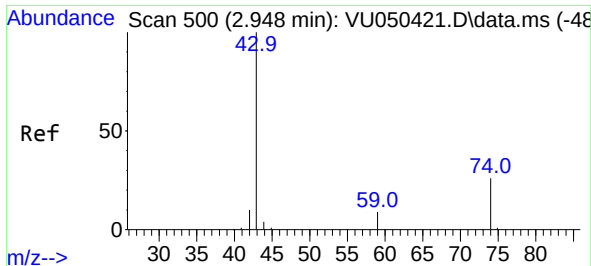
Tgt Ion: 76 Resp: 221262

Ion Ratio Lower Upper

76 100

78 8.8 7.3 10.9

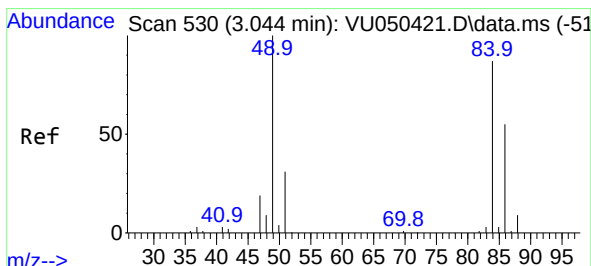
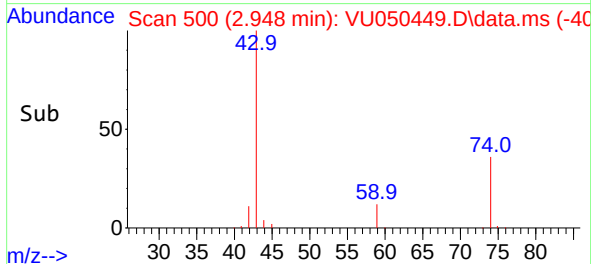
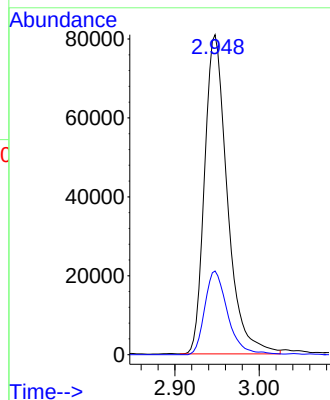
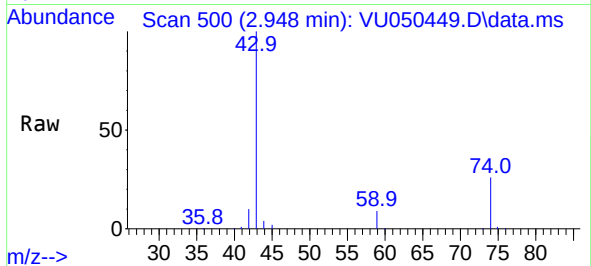




#15
Methyl Acetate
Concen: 48.856 ug/L
RT: 2.948 min Scan# 500
Delta R.T. 0.000 min
Lab File: VU050449.D
Acq: 26 Aug 2022 11:13

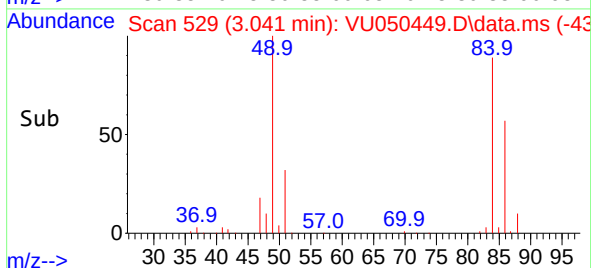
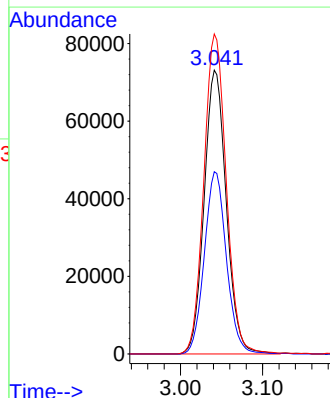
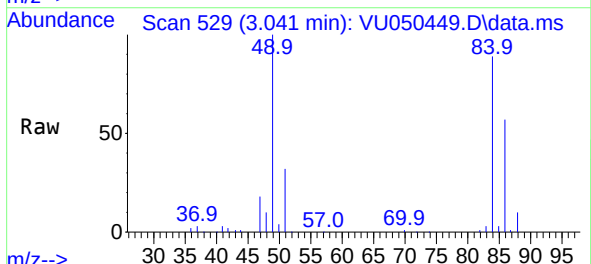
Instrument :
MSVOA_U
ClientSampleId :
VSTD050176

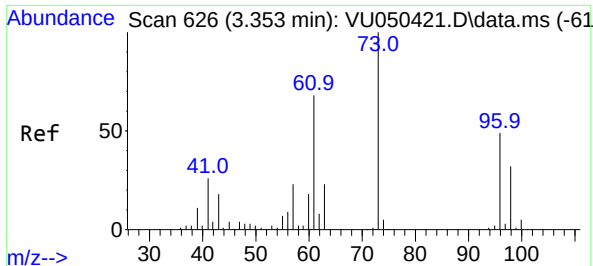
Tgt Ion: 43 Resp: 152343
Ion Ratio Lower Upper
43 100
74 25.9 21.2 31.8



#16
Methylene chloride
Concen: 47.148 ug/L
RT: 3.041 min Scan# 529
Delta R.T. -0.003 min
Lab File: VU050449.D
Acq: 26 Aug 2022 11:13

Tgt Ion: 84 Resp: 137285
Ion Ratio Lower Upper
84 100
86 64.2 43.9 81.5
49 112.8 80.4 149.4

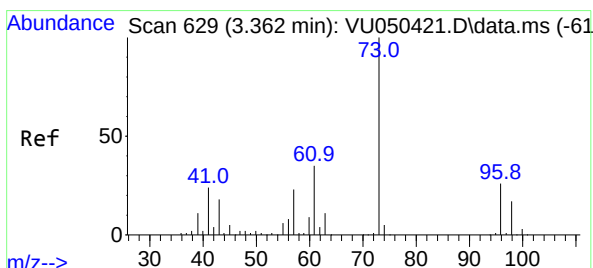
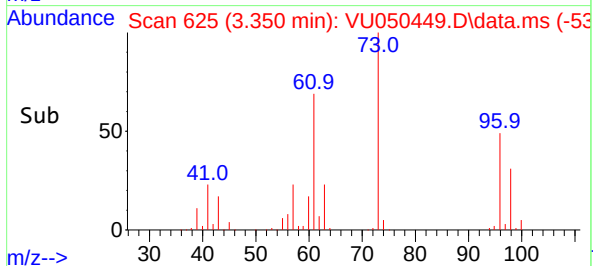
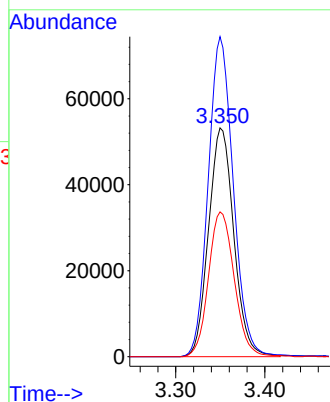
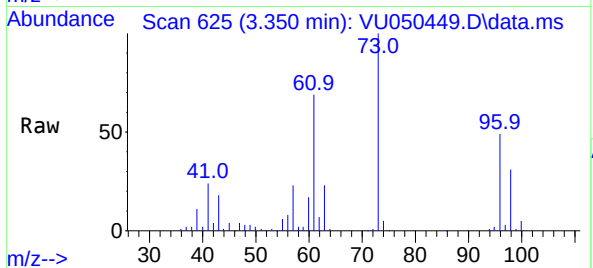




#17
trans-1,2-Dichloroethene
Concen: 47.790 ug/L
RT: 3.350 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU050449.D
Acq: 26 Aug 2022 11:13

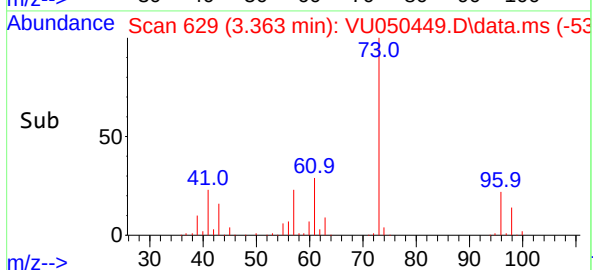
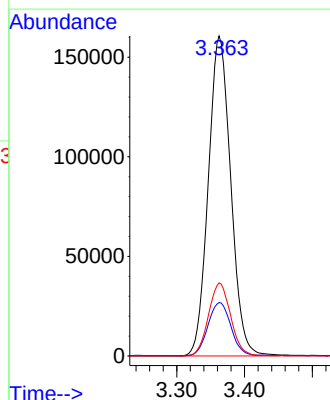
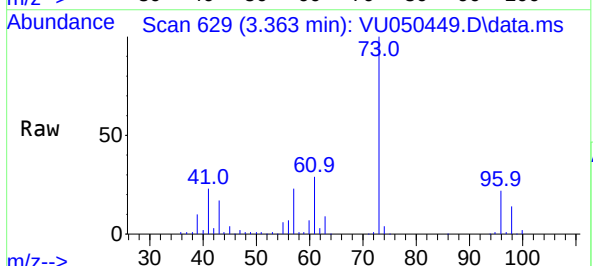
Instrument :
MSVOA_U
ClientSampleId :
VSTD050176

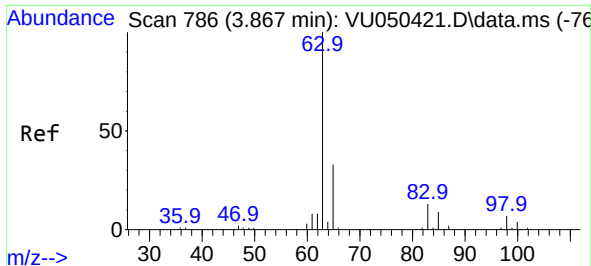
Tgt Ion: 96 Resp: 104961
Ion Ratio Lower Upper
96 100
61 139.9 98.5 182.9
98 63.3 45.7 84.9



#18
Methyl tert-butyl Ether
Concen: 53.184 ug/L
RT: 3.363 min Scan# 629
Delta R.T. 0.000 min
Lab File: VU050449.D
Acq: 26 Aug 2022 11:13

Tgt Ion: 73 Resp: 369707
Ion Ratio Lower Upper
73 100
43 17.0 14.4 21.6
57 22.6 17.8 26.8

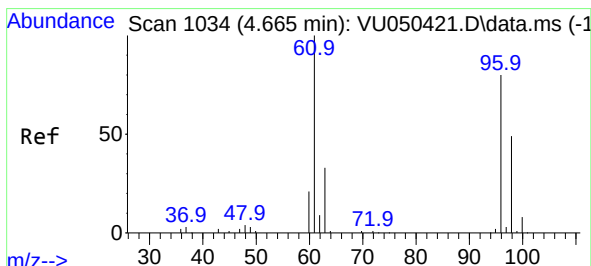
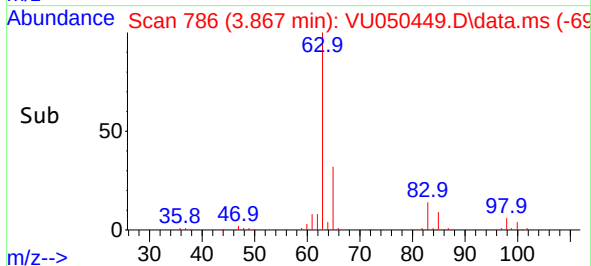
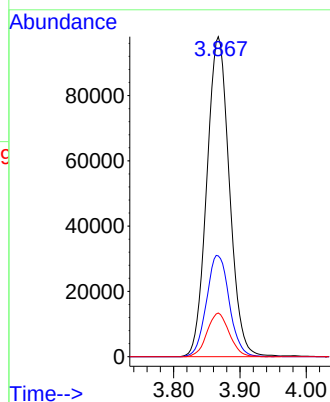
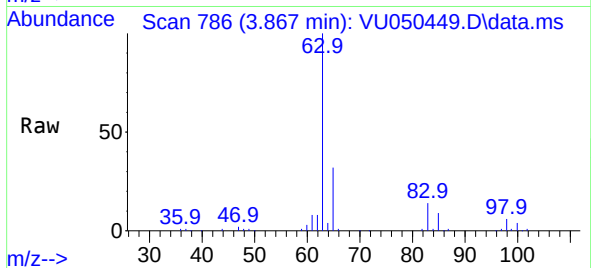




#19
1,1-Dichloroethane
Concen: 48.709 ug/L
RT: 3.867 min Scan# 786
Delta R.T. 0.000 min
Lab File: VU050449.D
Acq: 26 Aug 2022 11:13

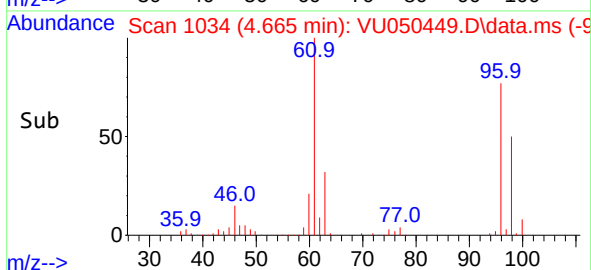
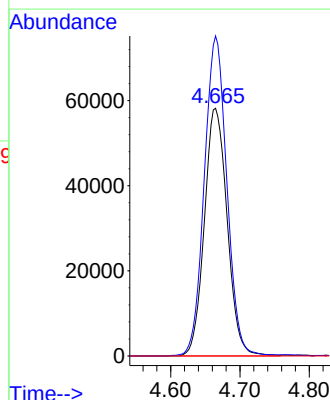
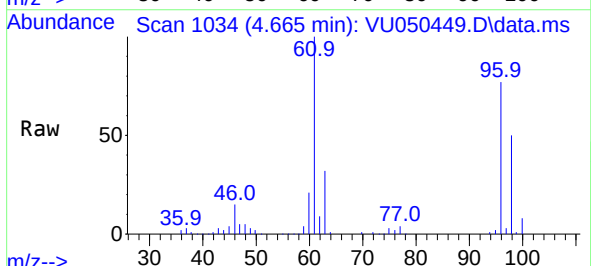
Instrument :
MSVOA_U
ClientSampleId :
VSTD050176

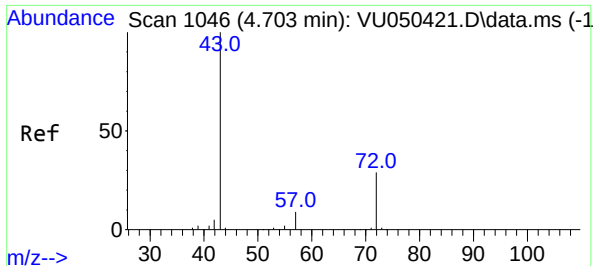
Tgt Ion: 63 Resp: 231773
Ion Ratio Lower Upper
63 100
65 31.5 23.3 43.3
83 13.7 9.0 16.8



#20
cis-1,2-Dichloroethene
Concen: 50.627 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU050449.D
Acq: 26 Aug 2022 11:13

Tgt Ion: 96 Resp: 133155
Ion Ratio Lower Upper
96 100
61 129.2 88.1 163.5
68 0.0 0.0 0.0

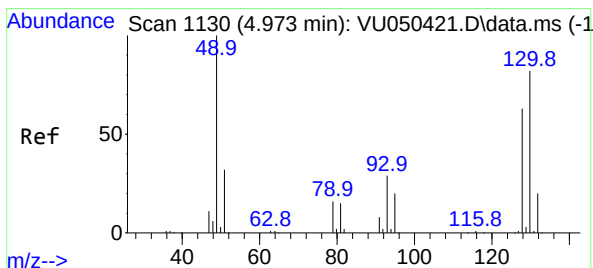
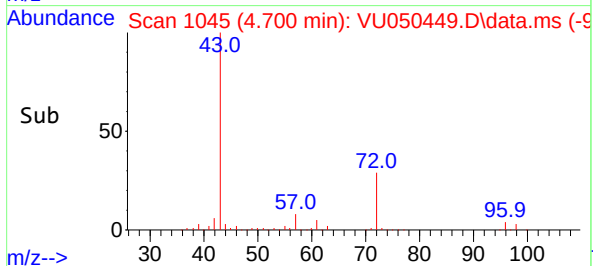
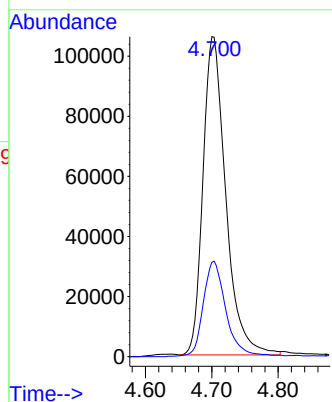
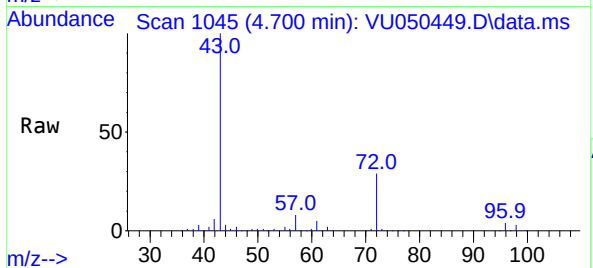




#22
2-Butanone
Concen: 107.884 ug/L
RT: 4.700 min Scan# 1046
Delta R.T. -0.003 min
Lab File: VU050449.D
Acq: 26 Aug 2022 11:13

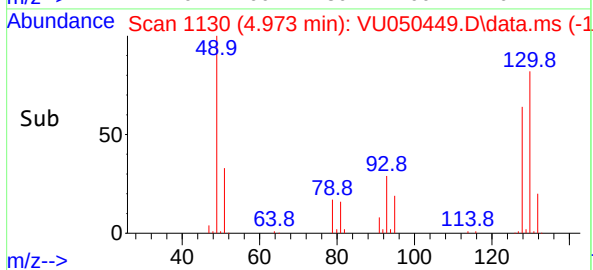
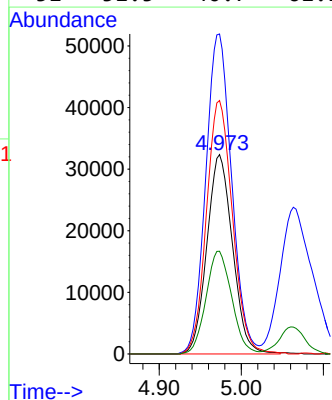
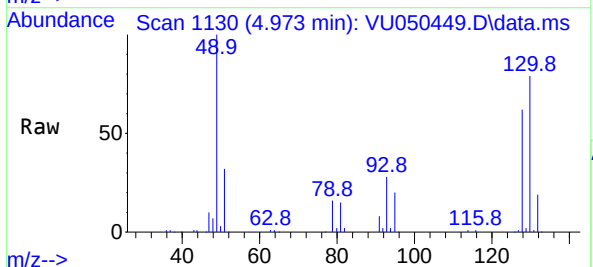
Instrument :
MSVOA_U
ClientSampleId :
VSTD050176

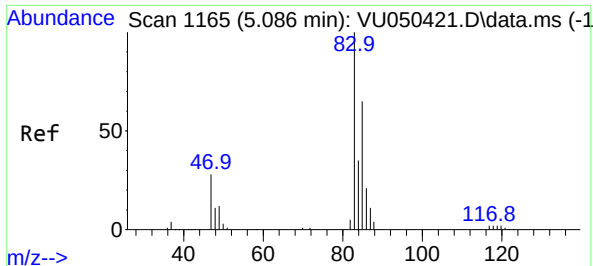
Tgt Ion: 43 Resp: 253409
Ion Ratio Lower Upper
43 100
72 29.3 15.0 45.0



#23
Bromochloromethane
Concen: 48.989 ug/L
RT: 4.973 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VU050449.D
Acq: 26 Aug 2022 11:13

Tgt Ion:128 Resp: 70372
Ion Ratio Lower Upper
128 100
49 160.5 111.2 206.4
130 127.2 91.1 169.1
51 51.5 40.7 61.1

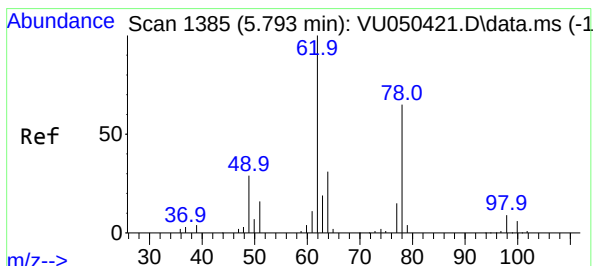
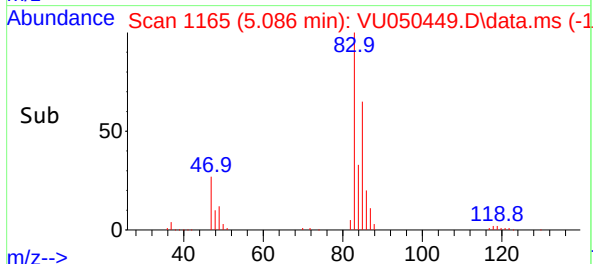
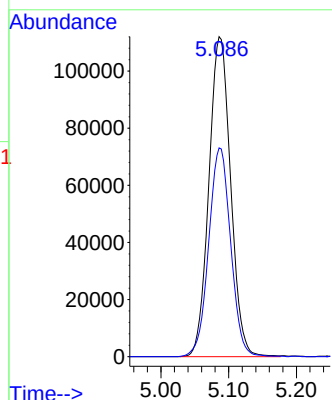
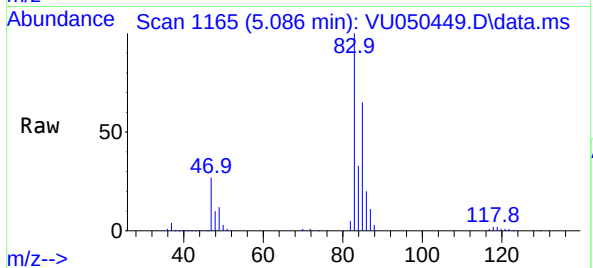




#25
Chloroform
Concen: 49.233 ug/L
RT: 5.086 min Scan# 1165
Delta R.T. 0.000 min
Lab File: VU050449.D
Acq: 26 Aug 2022 11:13

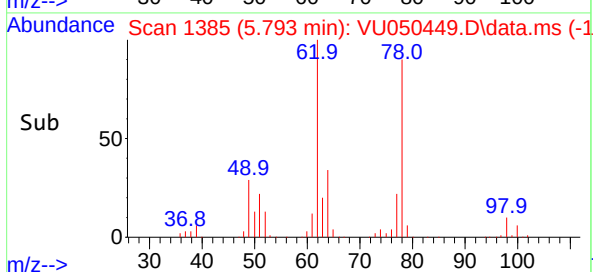
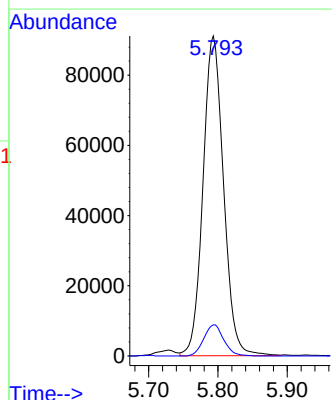
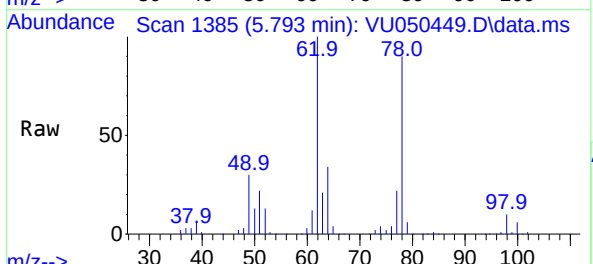
Instrument :
MSVOA_U
ClientSampleId :
VSTD050176

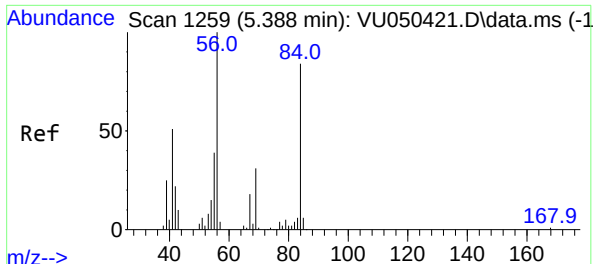
Tgt Ion: 83 Resp: 249572
Ion Ratio Lower Upper
83 100
85 65.3 45.7 84.9



#27
1,2-Dichloroethane
Concen: 49.592 ug/L
RT: 5.793 min Scan# 1385
Delta R.T. 0.000 min
Lab File: VU050449.D
Acq: 26 Aug 2022 11:13

Tgt Ion: 62 Resp: 187528
Ion Ratio Lower Upper
62 100
98 9.7 7.3 10.9

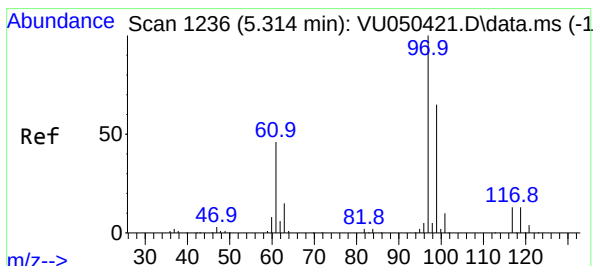
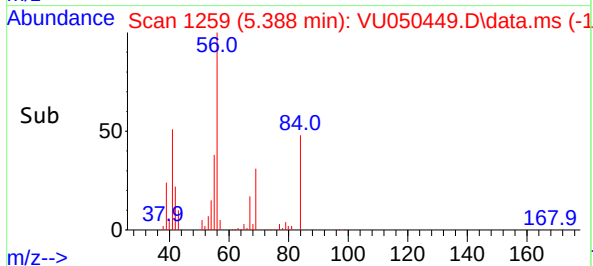
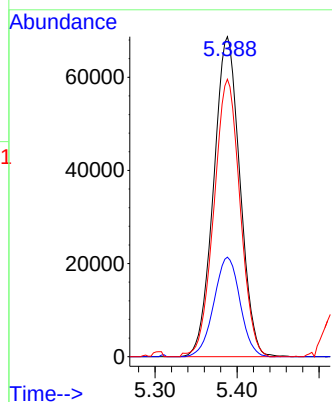
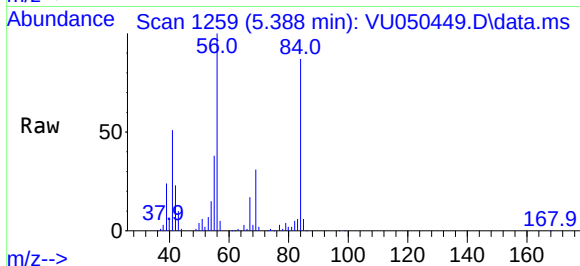




#29
Cyclohexane
Concen: 49.793 ug/L
RT: 5.388 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VU050449.D
Acq: 26 Aug 2022 11:13

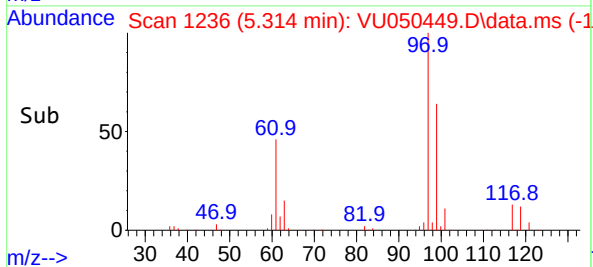
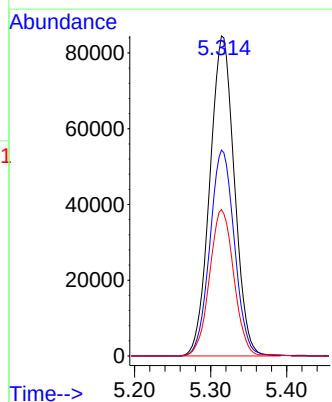
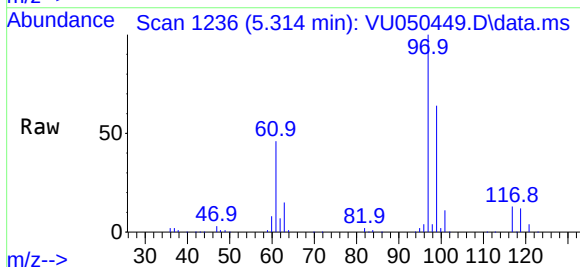
Instrument :
MSVOA_U
ClientSampleId :
VSTD050176

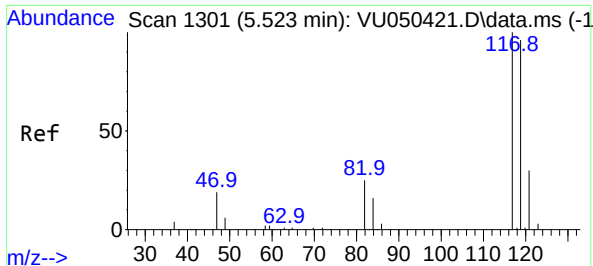
Tgt Ion: 56 Resp: 153249
Ion Ratio Lower Upper
56 100
69 30.9 24.6 36.8
84 86.0 68.8 103.2



#30
1,1,1-Trichloroethane
Concen: 49.482 ug/L
RT: 5.314 min Scan# 1236
Delta R.T. 0.000 min
Lab File: VU050449.D
Acq: 26 Aug 2022 11:13

Tgt Ion: 97 Resp: 189409
Ion Ratio Lower Upper
97 100
99 64.7 51.2 76.8
61 45.1 36.6 55.0

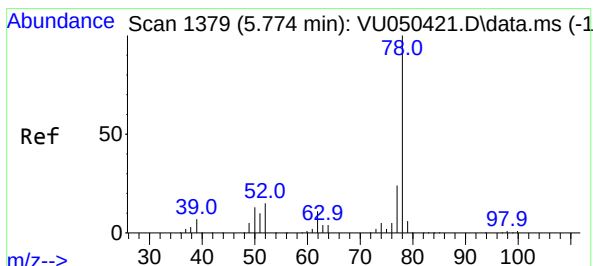
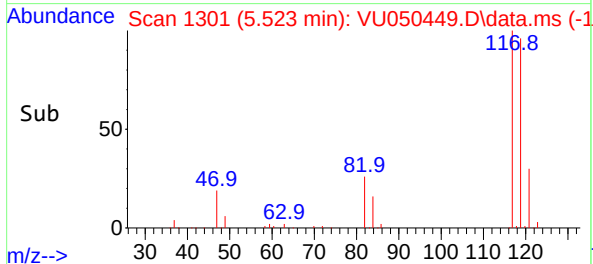
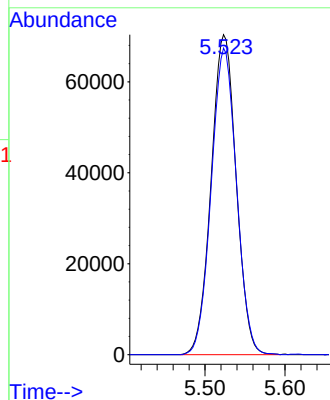
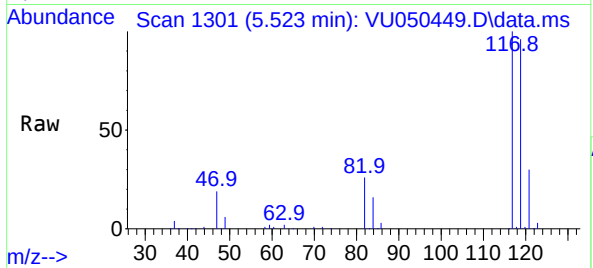




#31
Carbon tetrachloride
Concen: 48.697 ug/L
RT: 5.523 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU050449.D
Acq: 26 Aug 2022 11:13

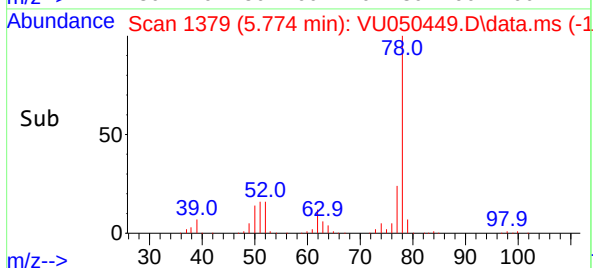
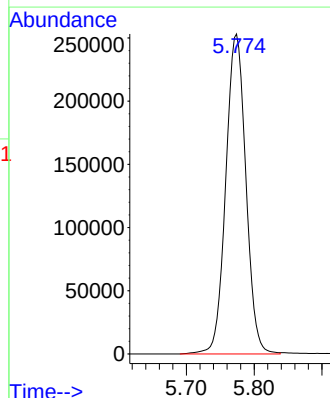
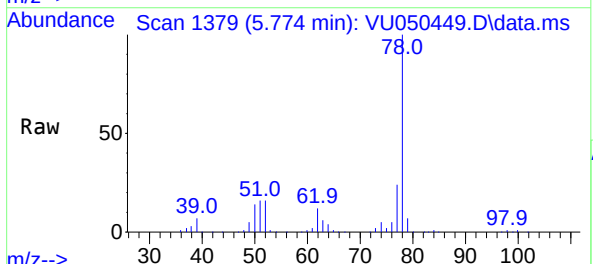
Instrument :
MSVOA_U
ClientSampleId :
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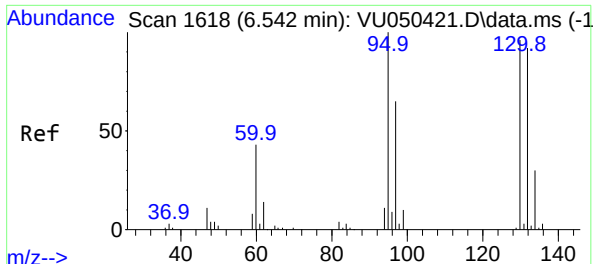
Tgt Ion:117 Resp: 152973
Ion Ratio Lower Upper
117 100
119 96.4 76.9 115.3



#33
Benzene
Concen: 51.516 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VU050449.D
Acq: 26 Aug 2022 11:13

Tgt Ion: 78 Resp: 521851

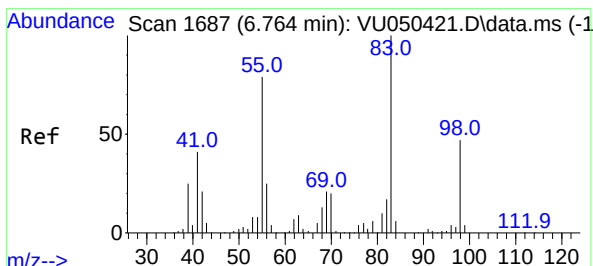
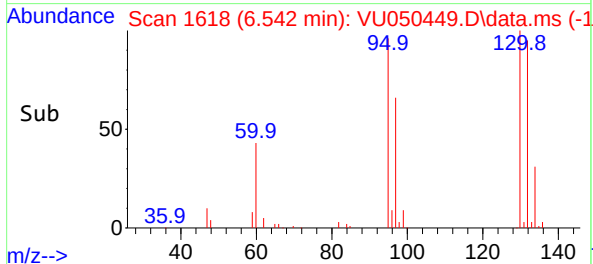
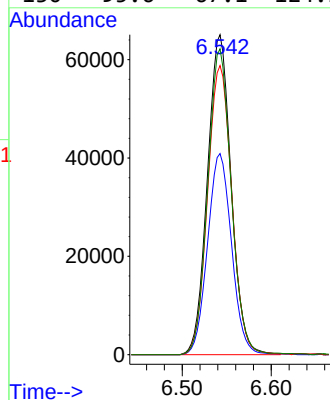
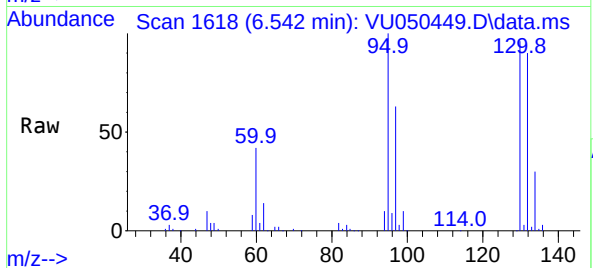




#34
Trichloroethene
Concen: 50.222 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU050449.D
Acq: 26 Aug 2022 11:13

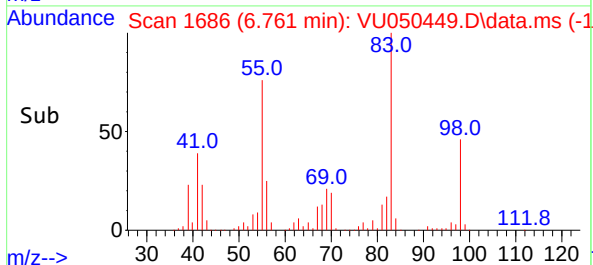
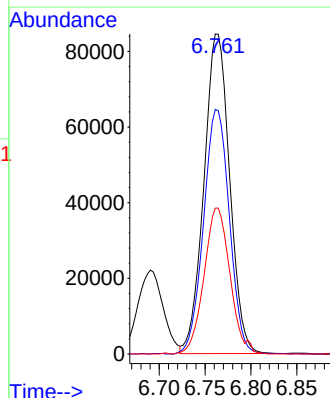
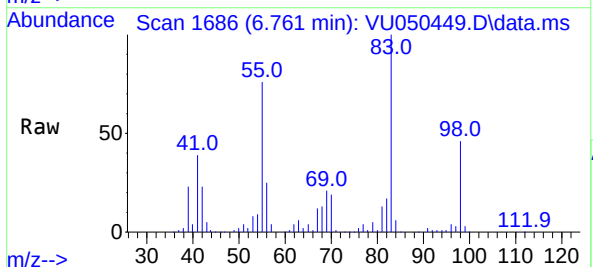
Instrument :
MSVOA_U
ClientSampleId :
VSTD050176

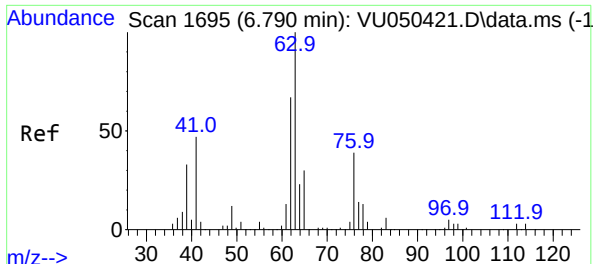
Tgt Ion: 95 Resp: 120422
Ion Ratio Lower Upper
95 100
97 62.8 45.2 84.0
132 90.4 64.4 119.6
130 95.6 67.1 124.5



#35
Methylcyclohexane
Concen: 49.257 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.003 min
Lab File: VU050449.D
Acq: 26 Aug 2022 11:13

Tgt Ion: 83 Resp: 165150
Ion Ratio Lower Upper
83 100
55 76.8 61.9 92.9
98 45.2 35.8 53.8

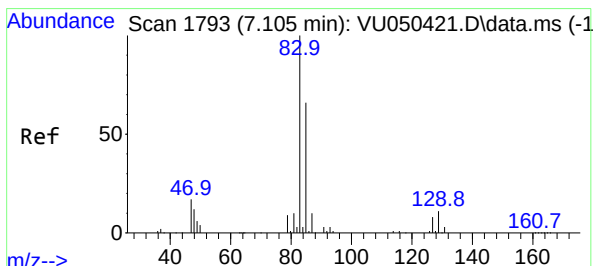
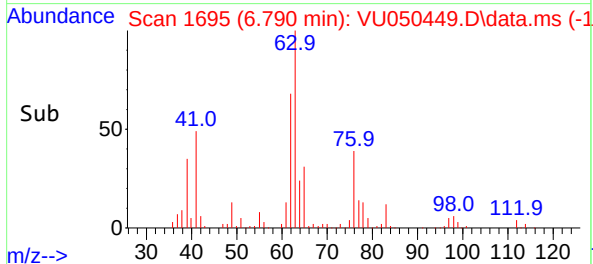
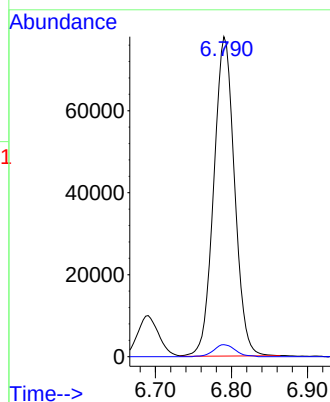
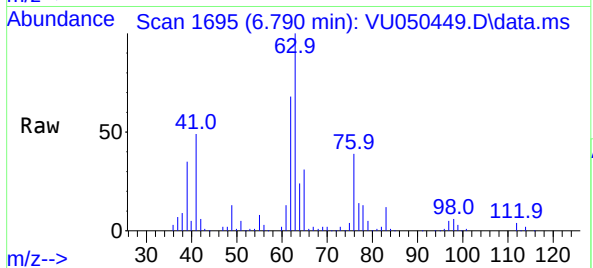




#37
1,2-Dichloropropane
Concen: 50.224 ug/L
RT: 6.790 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU050449.D
Acq: 26 Aug 2022 11:13

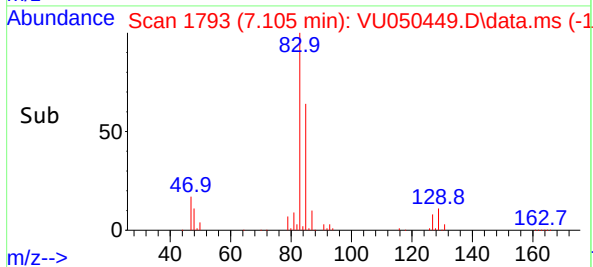
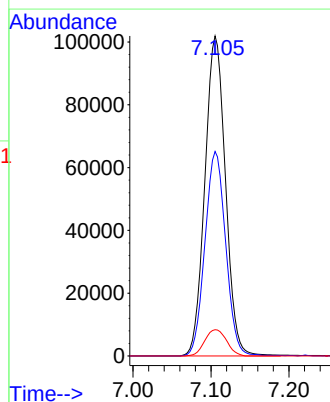
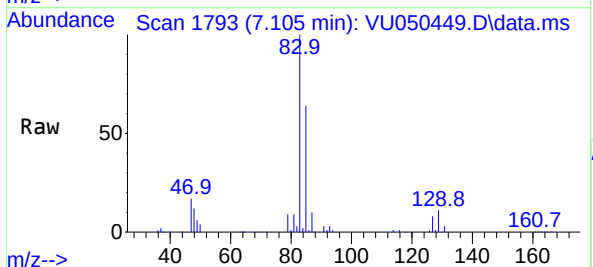
Instrument :
MSVOA_U
ClientSampleId :
VSTD050176

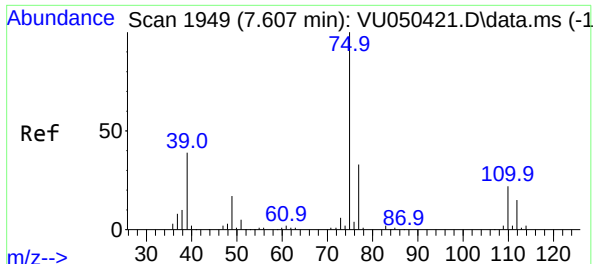
Tgt Ion: 63 Resp: 147780
Ion Ratio Lower Upper
63 100
112 4.0 3.0 4.4



#38
Bromodichloromethane
Concen: 49.991 ug/L
RT: 7.105 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VU050449.D
Acq: 26 Aug 2022 11:13

Tgt Ion: 83 Resp: 187668
Ion Ratio Lower Upper
83 100
85 63.9 46.2 85.8
127 8.2 6.7 10.1

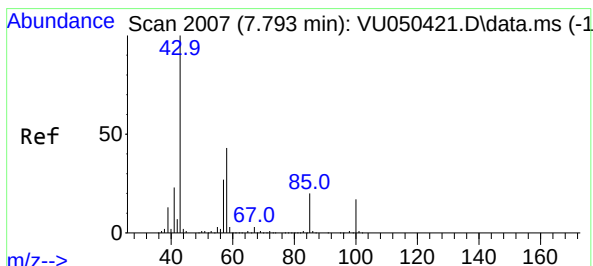
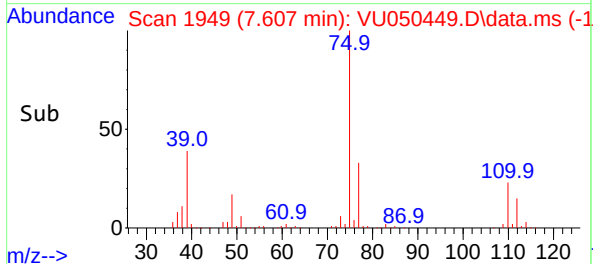
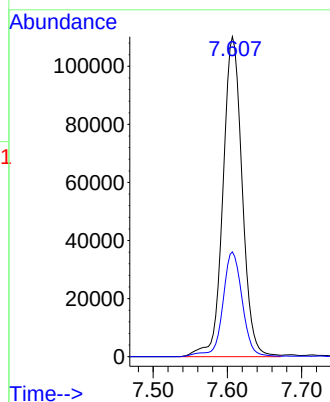
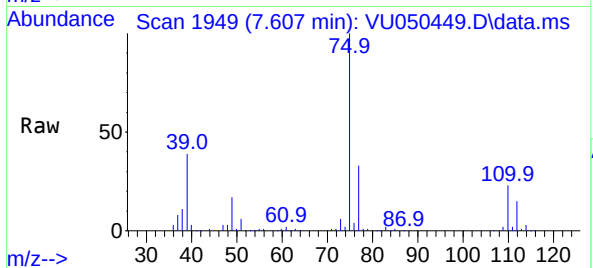




#39
 cis-1,3-Dichloropropene
 Concen: 51.466 ug/L
 RT: 7.607 min Scan# 1949
 Delta R.T. 0.000 min
 Lab File: VU050449.D
 Acq: 26 Aug 2022 11:13

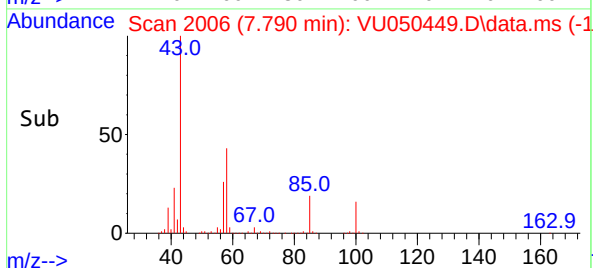
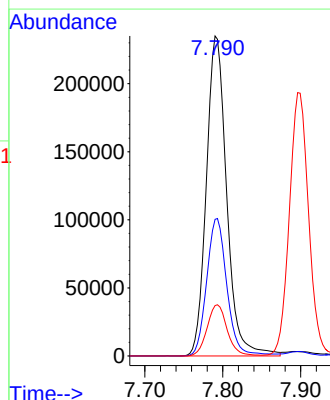
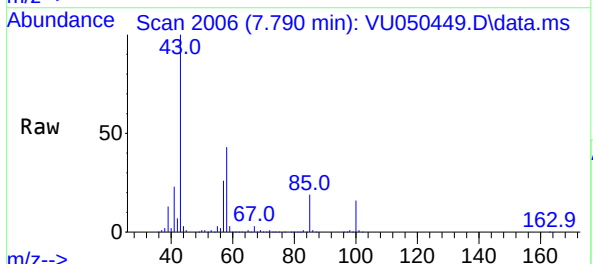
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050176

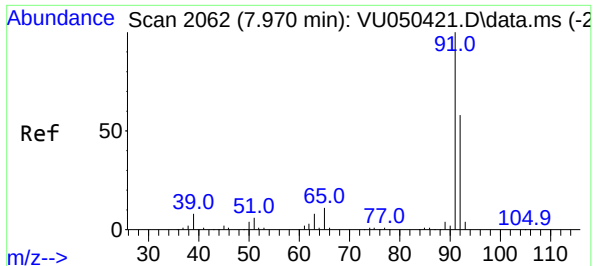
Tgt Ion: 75 Resp: 198864
 Ion Ratio Lower Upper
 75 100
 77 32.8 22.8 42.4



#40
 4-Methyl-2-pentanone
 Concen: 109.123 ug/L
 RT: 7.790 min Scan# 2006
 Delta R.T. -0.003 min
 Lab File: VU050449.D
 Acq: 26 Aug 2022 11:13

Tgt Ion: 43 Resp: 426689
 Ion Ratio Lower Upper
 43 100
 58 42.7 34.0 51.0
 100 15.9 13.0 19.4

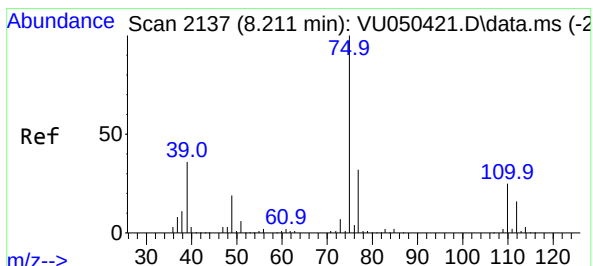
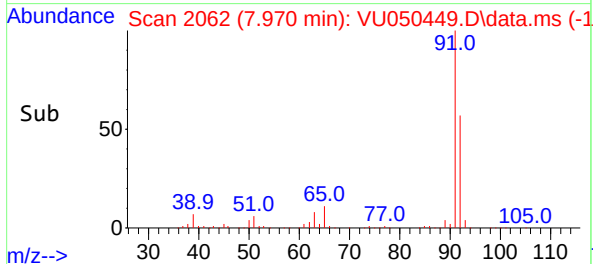
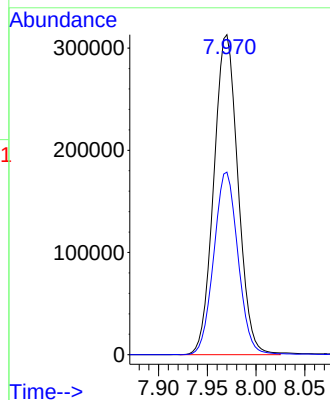
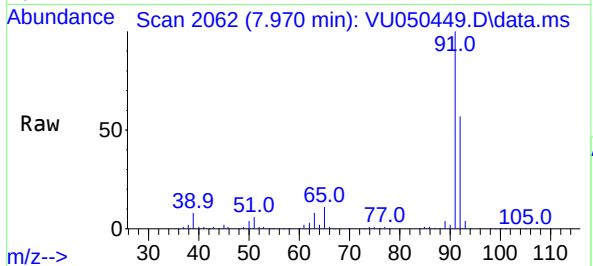




#42
Toluene
Concen: 52.993 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU050449.D
Acq: 26 Aug 2022 11:13

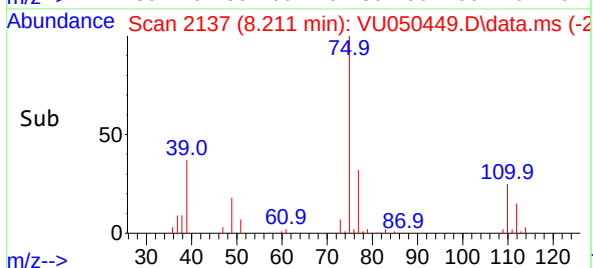
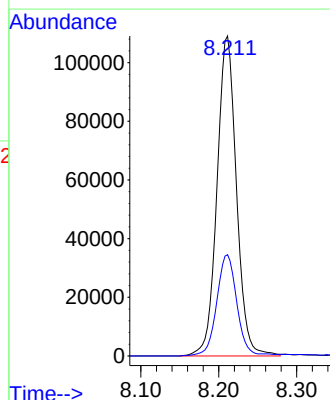
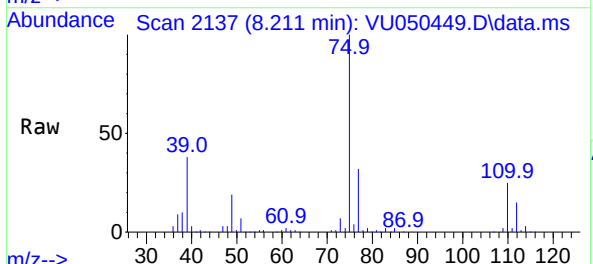
Instrument :
MSVOA_U
ClientSampleId :
VSTD050176

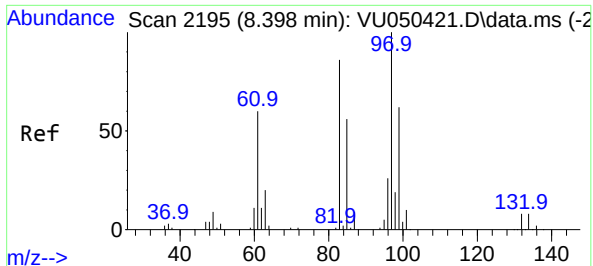
Tgt Ion: 91 Resp: 540841
Ion Ratio Lower Upper
91 100
92 57.0 40.3 74.9



#44
trans-1,3-Dichloropropene
Concen: 52.639 ug/L
RT: 8.211 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VU050449.D
Acq: 26 Aug 2022 11:13

Tgt Ion: 75 Resp: 189588
Ion Ratio Lower Upper
75 100
77 31.6 22.5 41.7



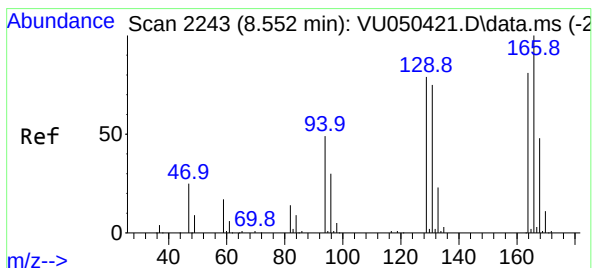
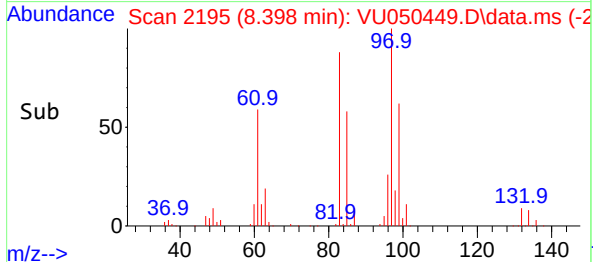
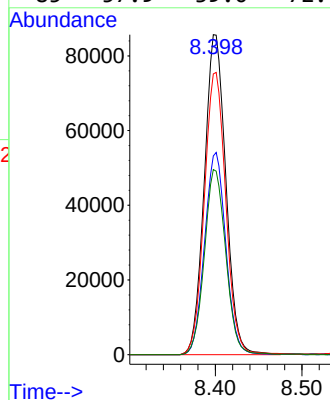
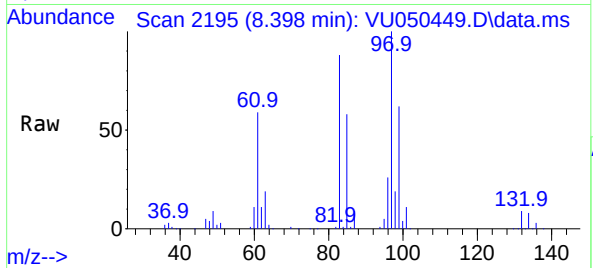


#45
1,1,2-Trichloroethane
Concen: 51.225 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. 0.000 min
Lab File: VU050449.D
Acq: 26 Aug 2022 11:13

Instrument :
MSVOA_U
ClientSampleId :
VSTD050176

Tgt Ion: 97 Resp: 148314

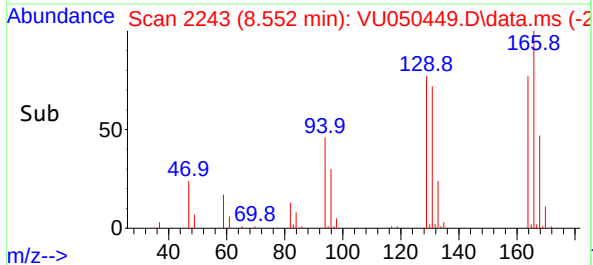
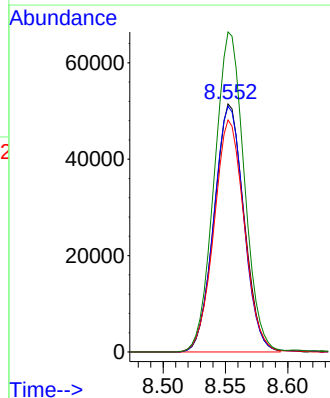
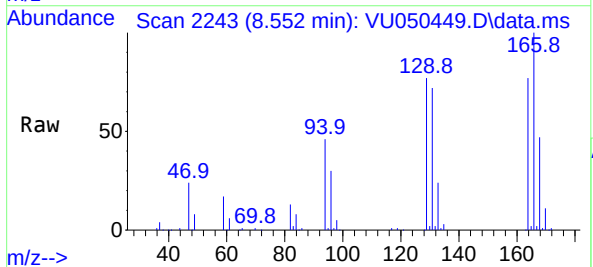
Ion	Ratio	Lower	Upper
97	100		
99	62.1	43.3	80.3
83	87.7	60.3	112.1
85	57.9	39.0	72.4

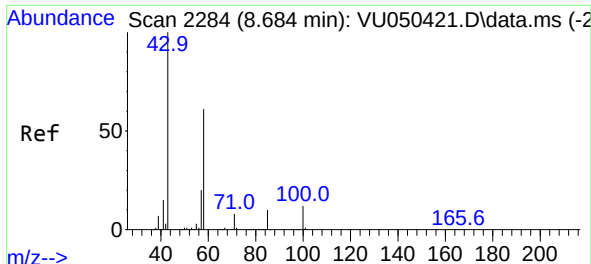


#46
Tetrachloroethene
Concen: 48.674 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU050449.D
Acq: 26 Aug 2022 11:13

Tgt Ion: 164 Resp: 85718

Ion	Ratio	Lower	Upper
164	100		
129	99.1	68.0	126.4
131	93.5	65.4	121.4
166	129.0	86.5	160.7

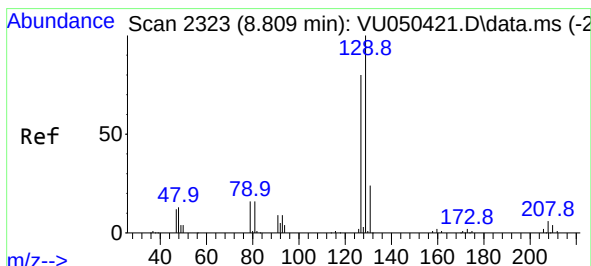
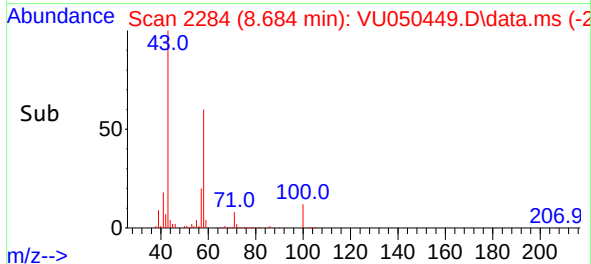
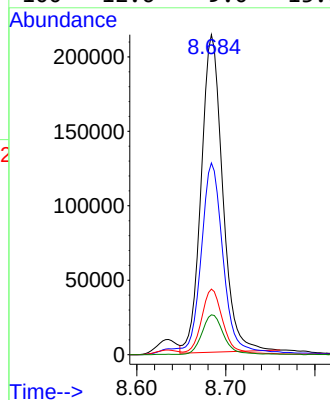
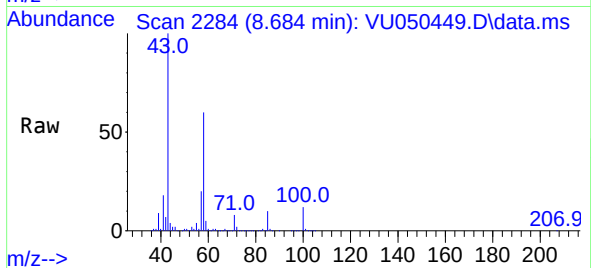




#48
2-Hexanone
Concen: 109.499 ug/L
RT: 8.684 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050449.D
Acq: 26 Aug 2022 11:13

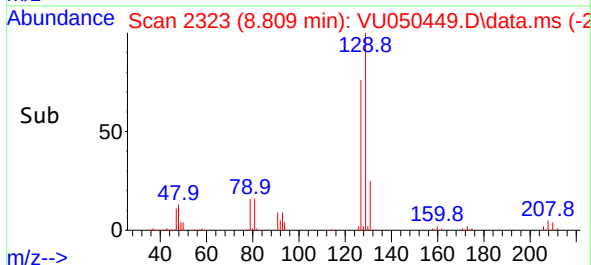
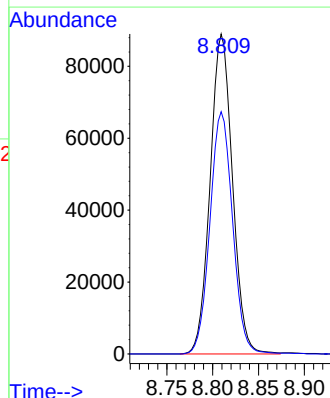
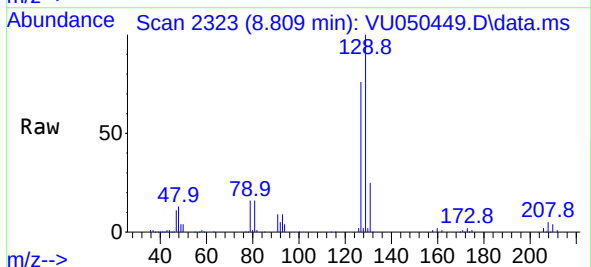
Instrument :
MSVOA_U
ClientSampleId :
VSTD050176

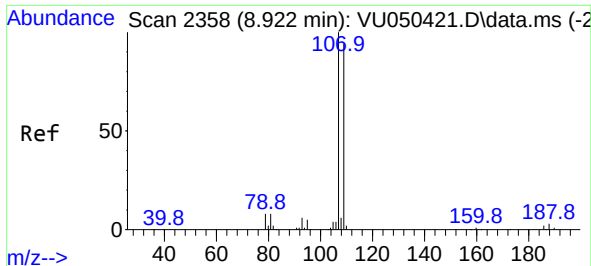
Tgt Ion: 43 Resp: 357561
Ion Ratio Lower Upper
43 100
58 63.7 47.9 71.9
57 20.9 15.4 23.0
100 12.6 9.0 13.6



#49
Dibromochloromethane
Concen: 50.329 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU050449.D
Acq: 26 Aug 2022 11:13

Tgt Ion: 129 Resp: 150943
Ion Ratio Lower Upper
129 100
127 75.7 55.9 103.7

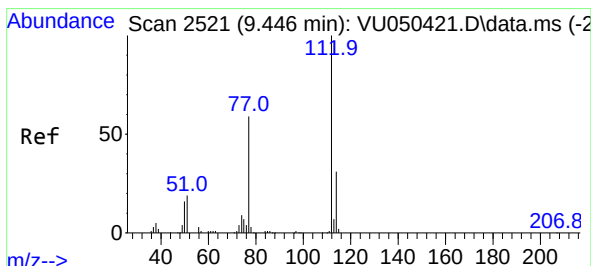
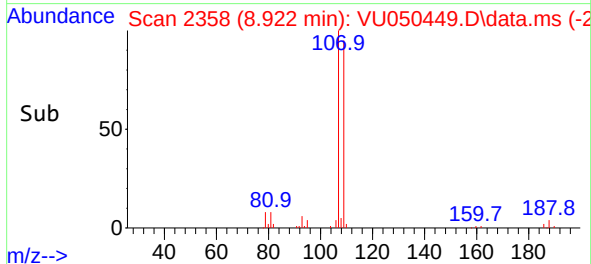
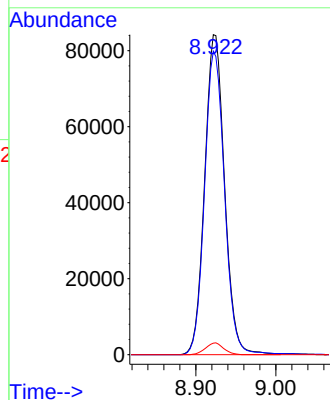
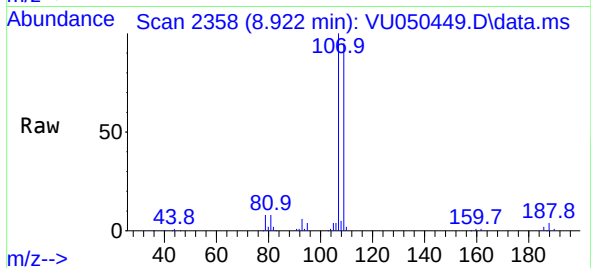




#50
1,2-Dibromoethane
Concen: 50.501 ug/L
RT: 8.922 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050449.D
Acq: 26 Aug 2022 11:13

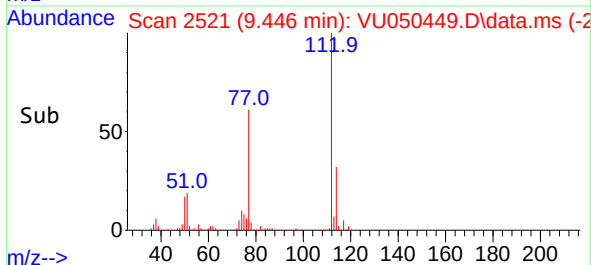
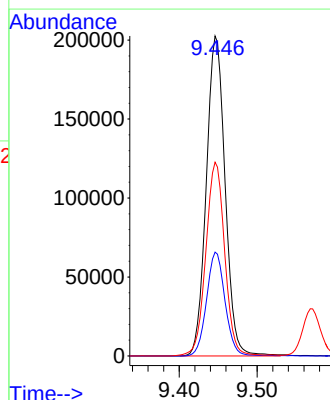
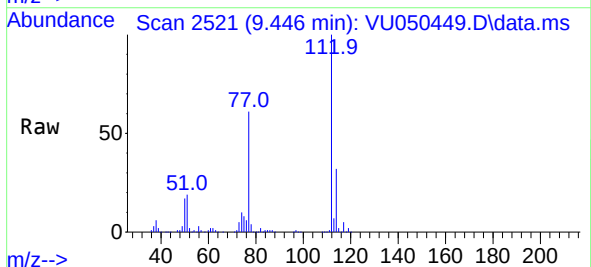
Instrument :
MSVOA_U
ClientSampleId :
VSTD050176

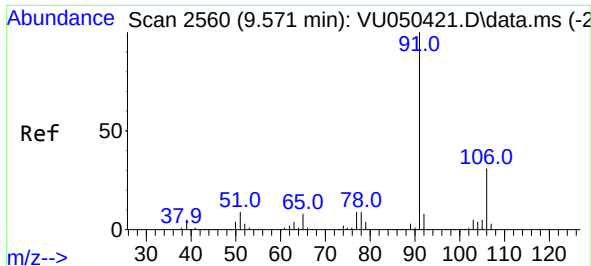
Tgt Ion:107 Resp: 146124
Ion Ratio Lower Upper
107 100
109 94.8 66.0 122.6
188 3.6 2.7 4.1



#51
Chlorobenzene
Concen: 50.760 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU050449.D
Acq: 26 Aug 2022 11:13

Tgt Ion:112 Resp: 339968
Ion Ratio Lower Upper
112 100
114 32.5 21.8 40.6
77 60.5 47.6 71.4

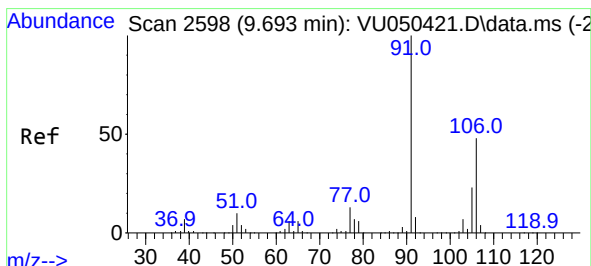
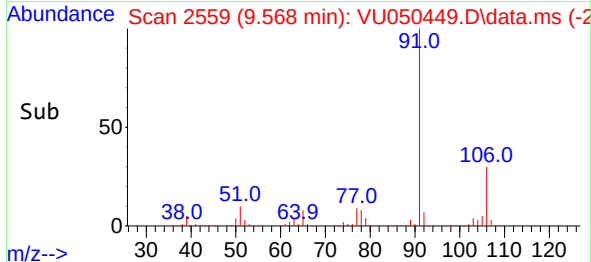
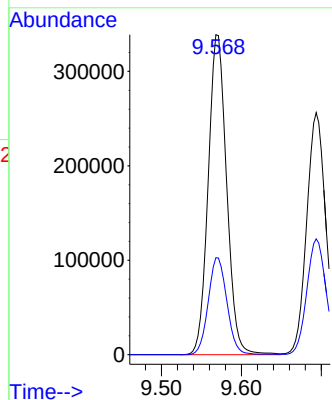
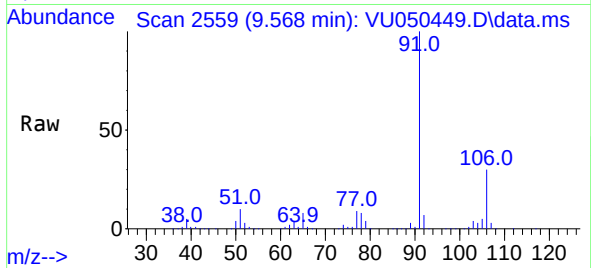




#52
Ethylbenzene
Concen: 52.851 ug/L
RT: 9.568 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU050449.D
Acq: 26 Aug 2022 11:13

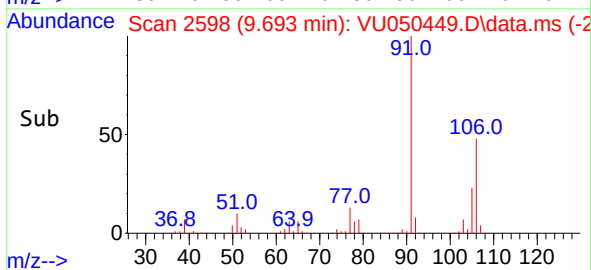
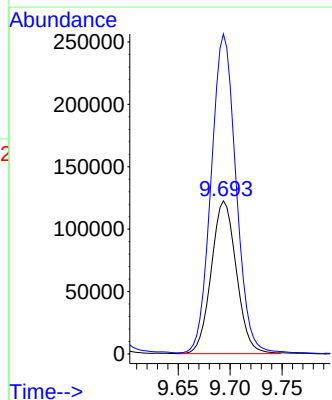
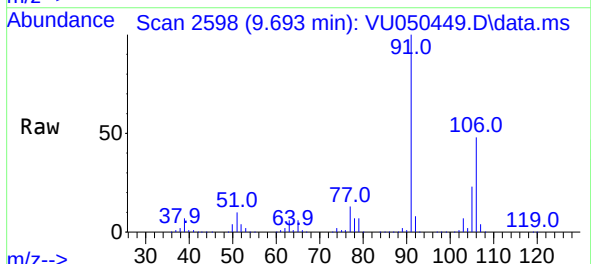
Instrument :
MSVOA_U
ClientSampleId :
VSTD050176

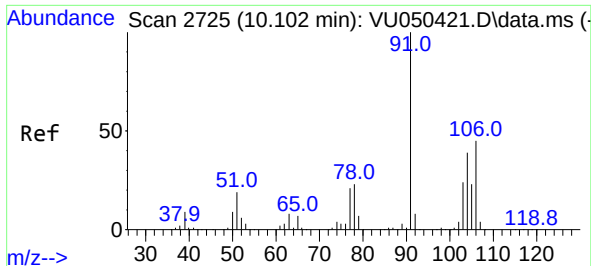
Tgt Ion: 91 Resp: 543640
Ion Ratio Lower Upper
91 100
106 30.3 21.7 40.3



#53
m,p-Xylene
Concen: 53.424 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU050449.D
Acq: 26 Aug 2022 11:13

Tgt Ion: 106 Resp: 205221
Ion Ratio Lower Upper
106 100
91 209.0 145.9 270.9

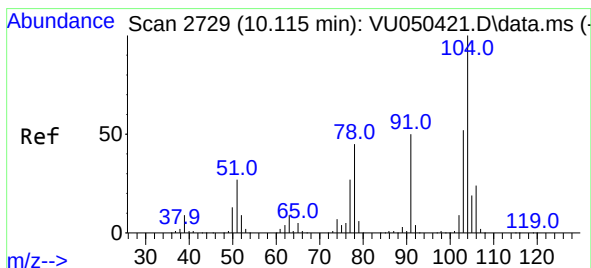
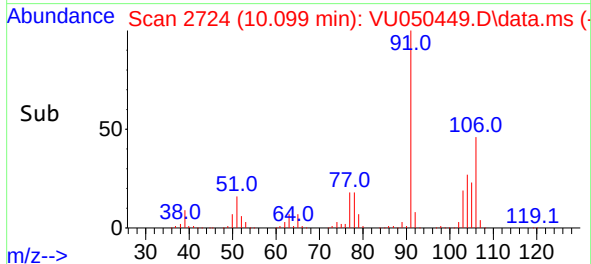
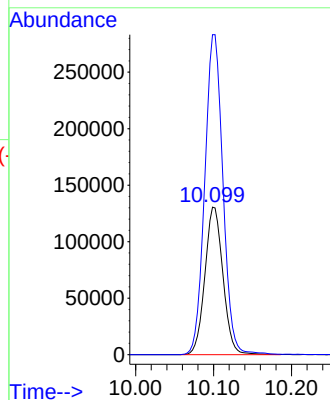
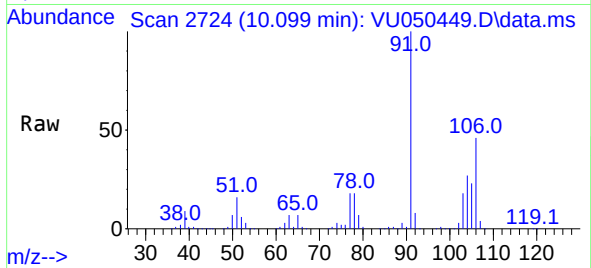




#54
o-Xylene
Concen: 55.043 ug/L
RT: 10.099 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU050449.D
Acq: 26 Aug 2022 11:13

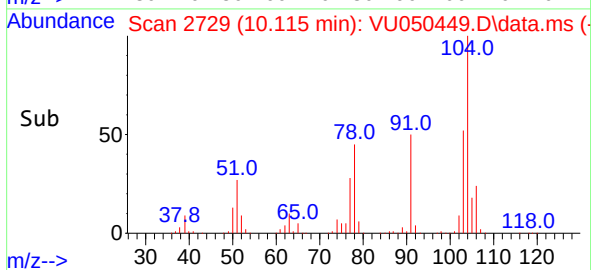
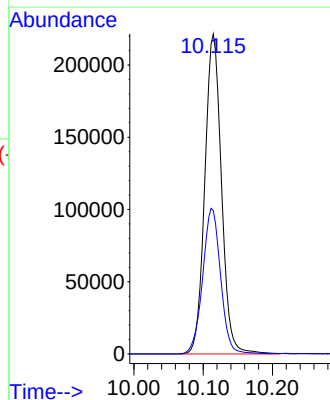
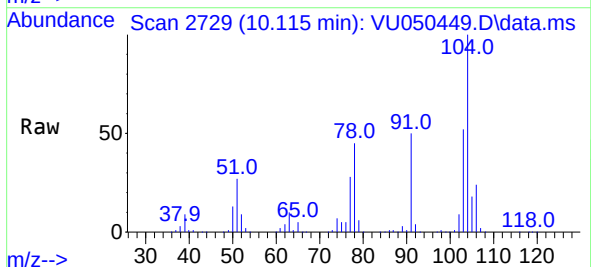
Instrument :
MSVOA_U
ClientSampleId :
VSTD050176

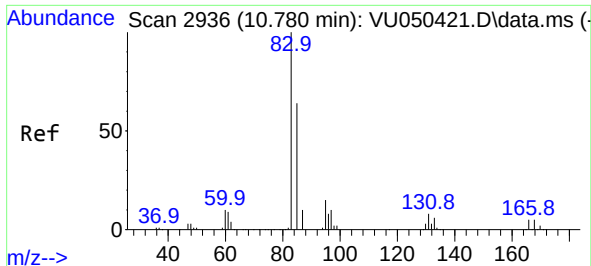
Tgt Ion:106 Resp: 210066
Ion Ratio Lower Upper
106 100
91 216.8 154.8 287.4



#55
Styrene
Concen: 56.902 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU050449.D
Acq: 26 Aug 2022 11:13

Tgt Ion:104 Resp: 369515
Ion Ratio Lower Upper
104 100
78 44.9 31.6 58.8

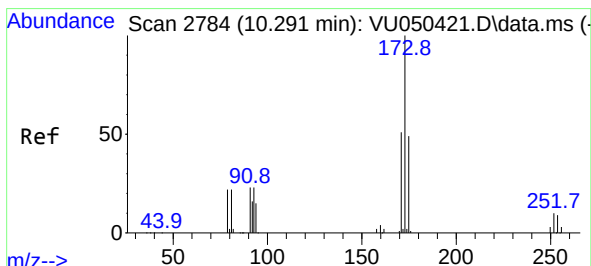
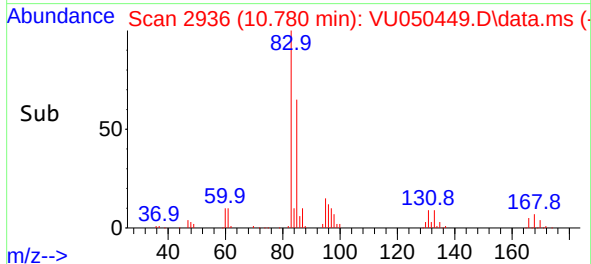
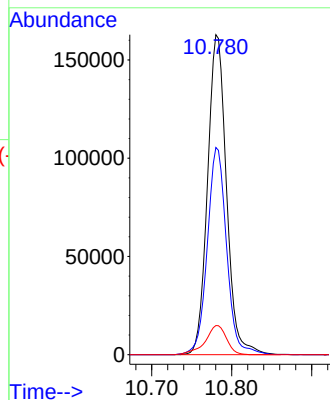
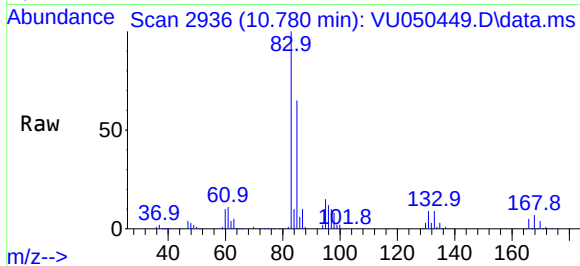




#57
1,1,2,2-Tetrachloroethane
Concen: 50.734 ug/L
RT: 10.780 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VU050449.D
Acq: 26 Aug 2022 11:13

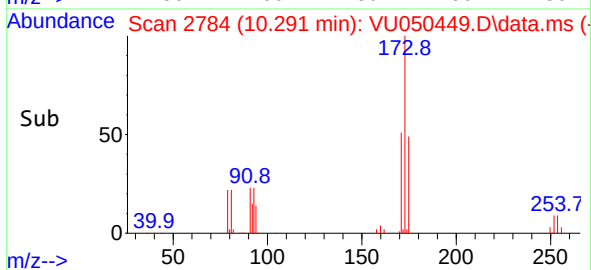
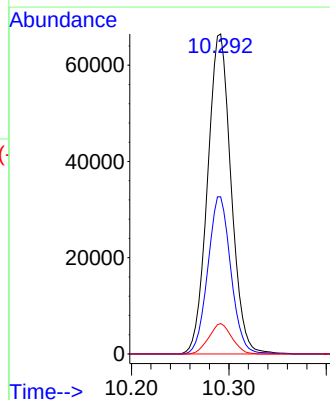
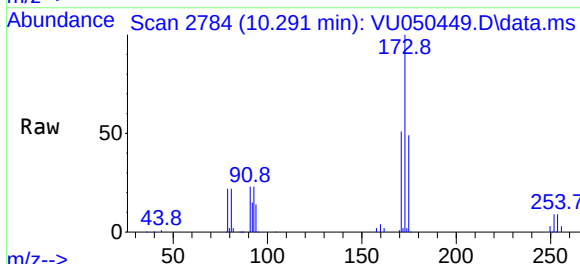
Instrument :
MSVOA_U
ClientSampleId :
VSTD050176

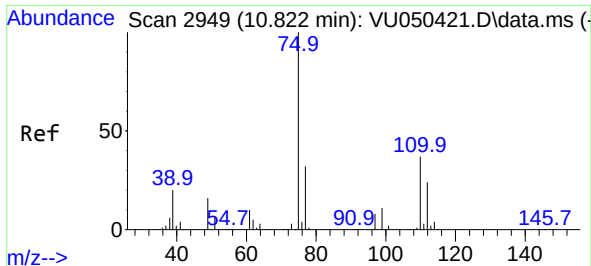
Tgt Ion: 83 Resp: 268408
Ion Ratio Lower Upper
83 100
85 64.8 45.4 84.2
131 9.1 7.2 10.8



#59
Bromoform
Concen: 47.837 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. 0.000 min
Lab File: VU050449.D
Acq: 26 Aug 2022 11:13

Tgt Ion:173 Resp: 111606
Ion Ratio Lower Upper
173 100
175 48.1 38.4 57.6
254 9.3 7.1 10.7

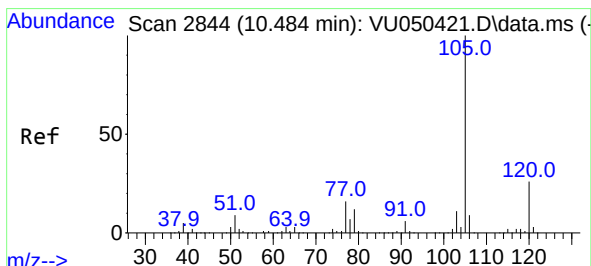
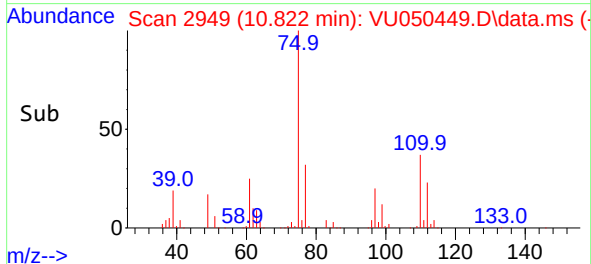
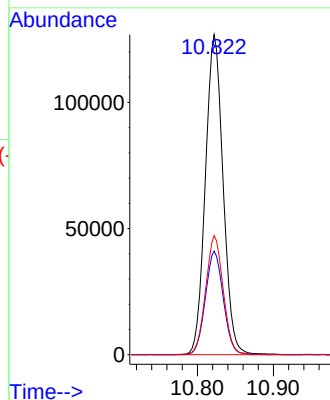
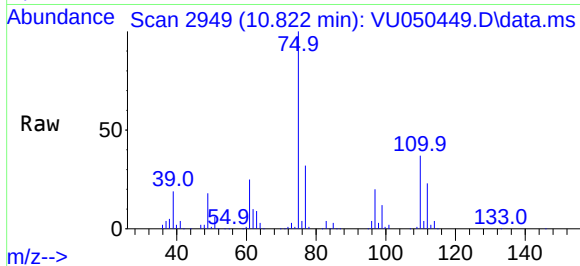




#60
1,2,3-Trichloropropane
Concen: 48.967 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU050449.D
Acq: 26 Aug 2022 11:13

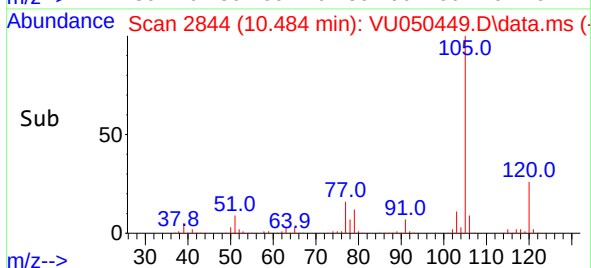
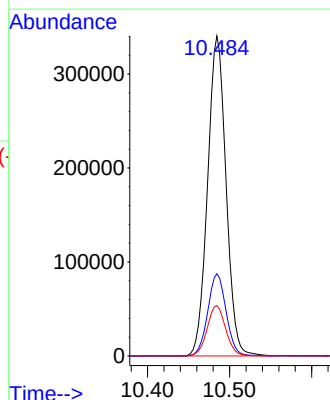
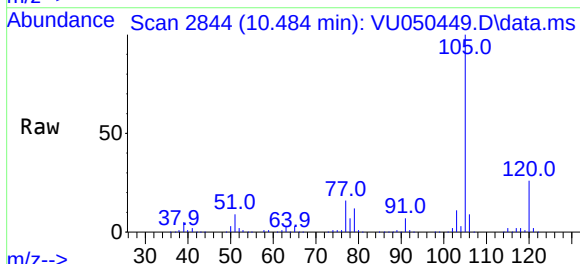
Instrument :
MSVOA_U
ClientSampleId :
VSTD050176

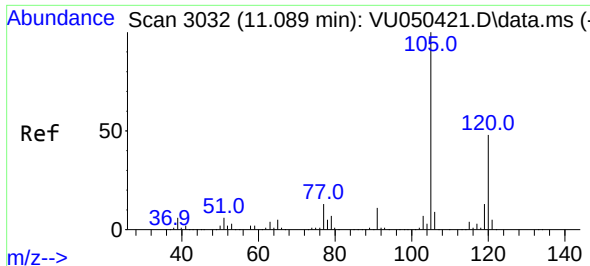
Tgt Ion: 75 Resp: 205579
Ion Ratio Lower Upper
75 100
77 32.7 25.7 38.5
110 36.8 29.0 43.4



#61
Isopropylbenzene
Concen: 52.846 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU050449.D
Acq: 26 Aug 2022 11:13

Tgt Ion: 105 Resp: 532534
Ion Ratio Lower Upper
105 100
120 25.6 20.7 31.1
77 15.9 12.5 18.7

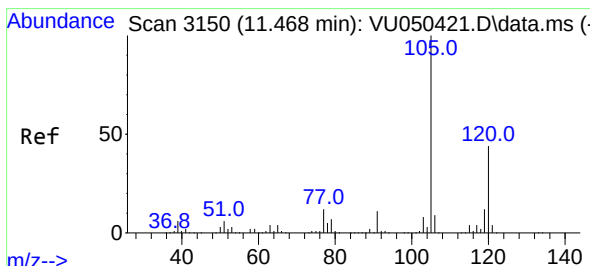
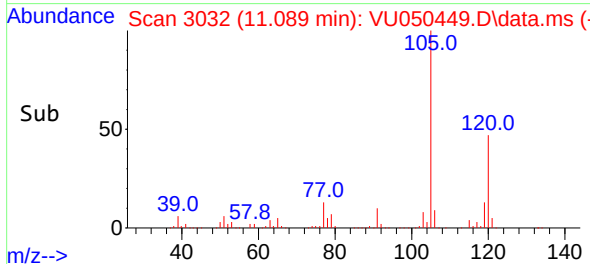
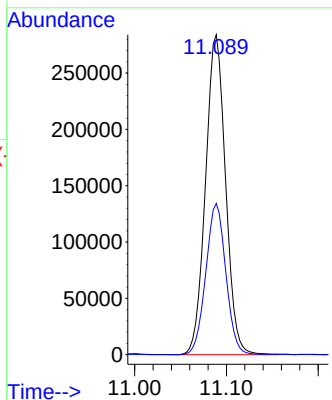
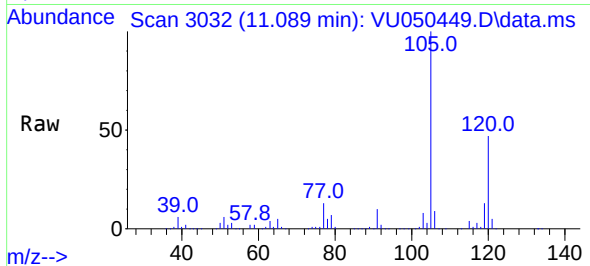




#62
1,3,5-Trimethylbenzene
Concen: 53.073 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU050449.D
Acq: 26 Aug 2022 11:13

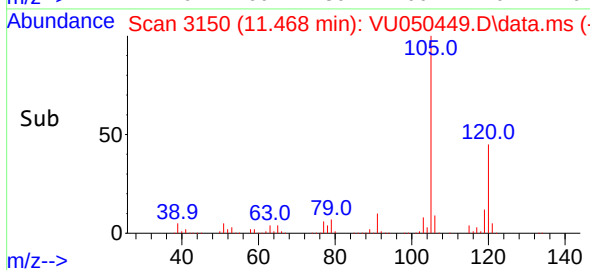
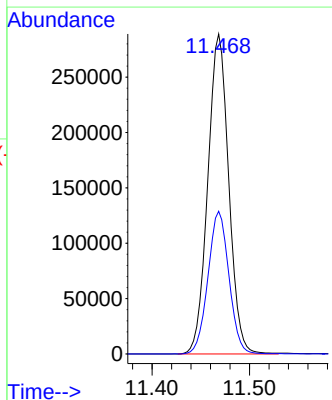
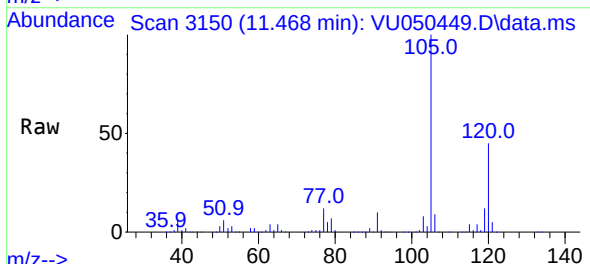
Instrument :
MSVOA_U
ClientSampleId :
VSTD050176

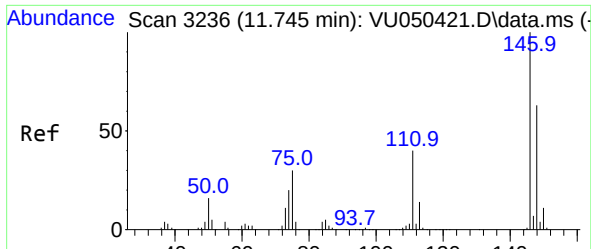
Tgt Ion:105 Resp: 431836
Ion Ratio Lower Upper
105 100
120 47.3 38.1 57.1



#63
1,2,4-Trimethylbenzene
Concen: 54.328 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU050449.D
Acq: 26 Aug 2022 11:13

Tgt Ion:105 Resp: 431149
Ion Ratio Lower Upper
105 100
120 44.7 35.3 52.9

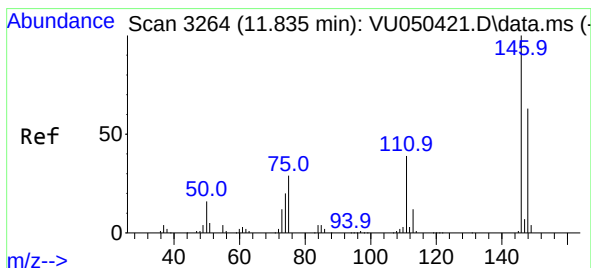
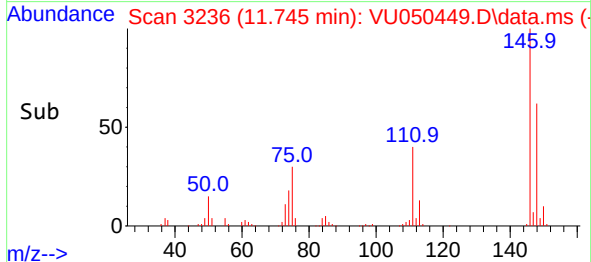
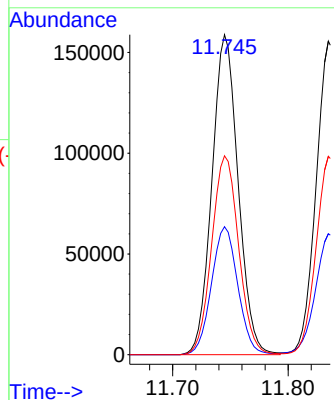
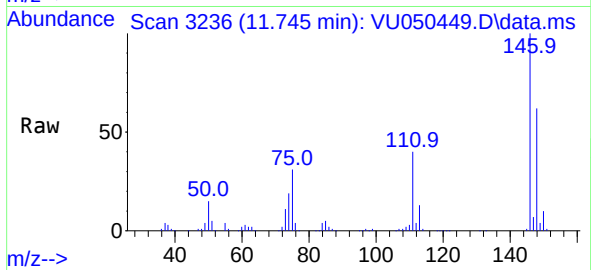




#64
1,3-Dichlorobenzene
Concen: 50.810 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU050449.D
Acq: 26 Aug 2022 11:13

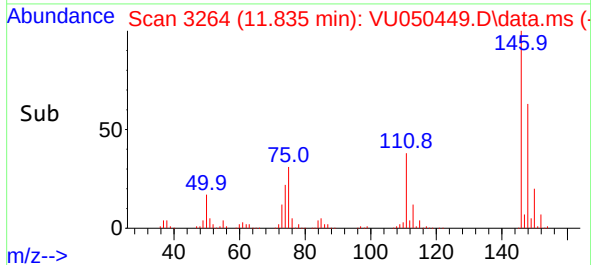
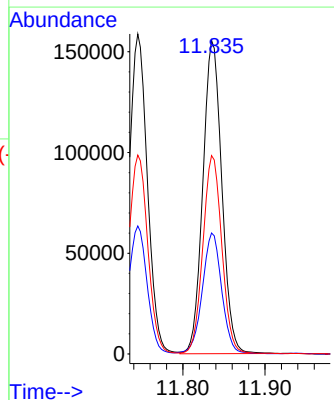
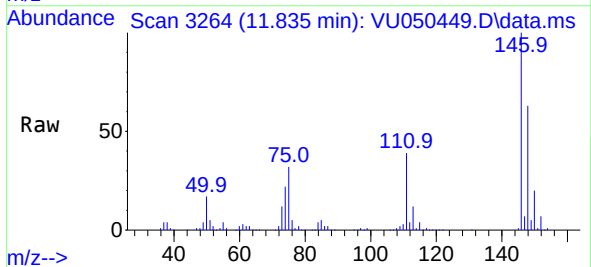
Instrument :
MSVOA_U
ClientSampleId :
VSTD050176

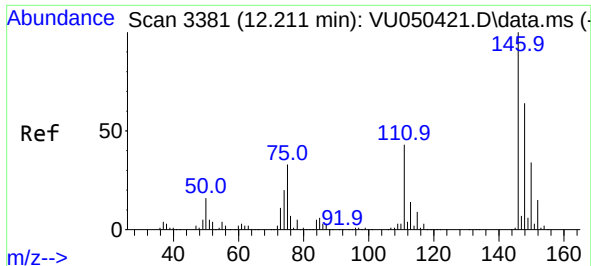
Tgt Ion:146 Resp: 250350
Ion Ratio Lower Upper
146 100
111 40.0 28.1 52.1
148 62.2 44.2 82.0



#65
1,4-Dichlorobenzene
Concen: 50.205 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU050449.D
Acq: 26 Aug 2022 11:13

Tgt Ion:146 Resp: 249120
Ion Ratio Lower Upper
146 100
111 38.6 27.6 51.2
148 63.3 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 51.095 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. 0.000 min

Lab File: VU050449.D

Acq: 26 Aug 2022 11:13

Instrument :

MSVOA_U

ClientSampleId :

VSTD050176

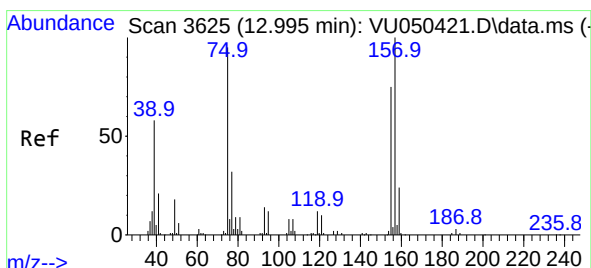
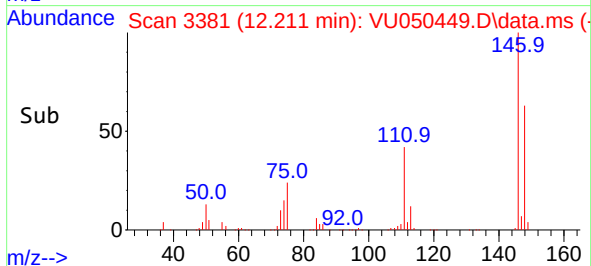
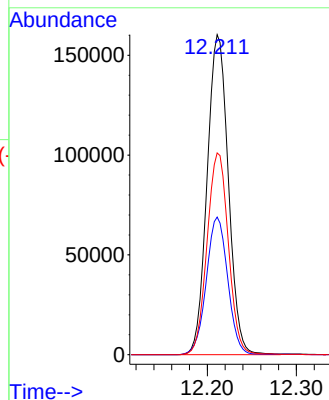
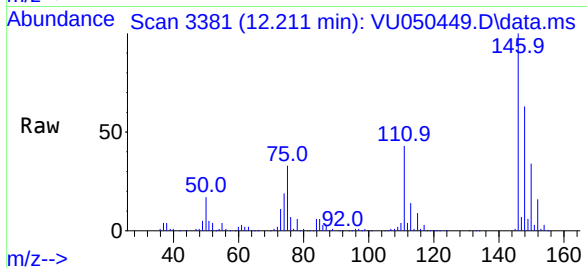
Tgt Ion:146 Resp: 264743

Ion Ratio Lower Upper

146 100

111 43.0 34.1 51.1

148 63.1 51.0 76.6



#68

1,2-Dibromo-3-chloropropane

Concen: 49.911 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. 0.000 min

Lab File: VU050449.D

Acq: 26 Aug 2022 11:13

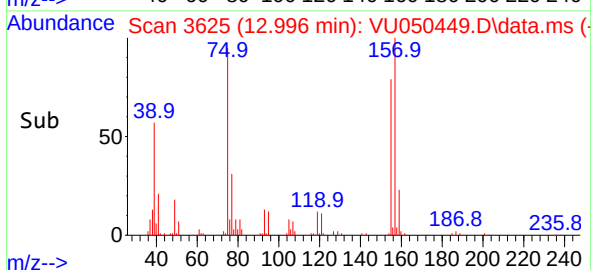
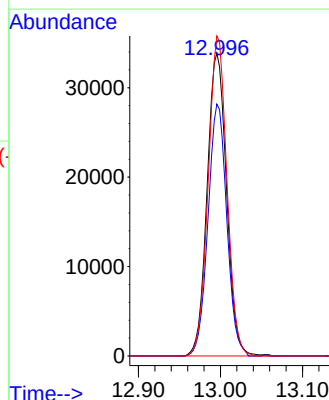
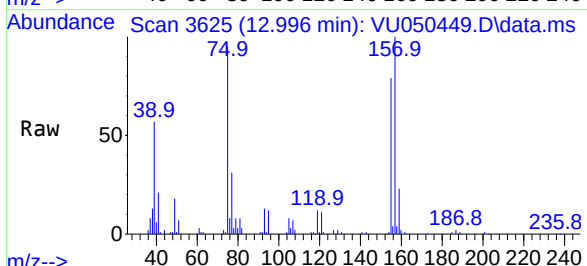
Tgt Ion: 75 Resp: 55690

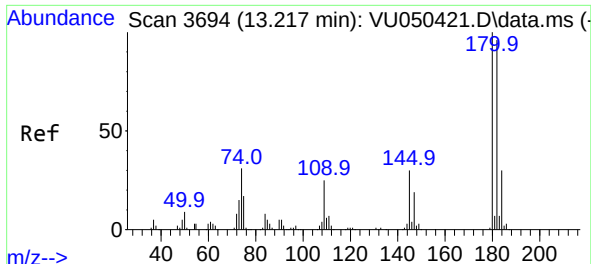
Ion Ratio Lower Upper

75 100

155 87.2 63.1 94.7

157 109.4 84.2 126.2



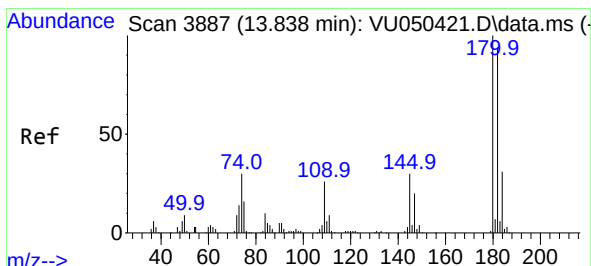
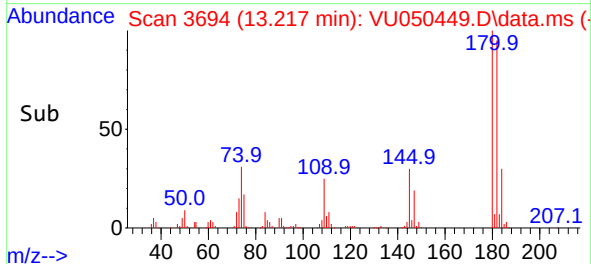
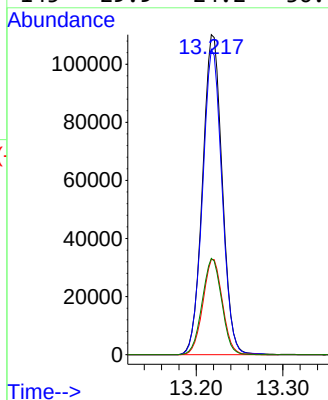
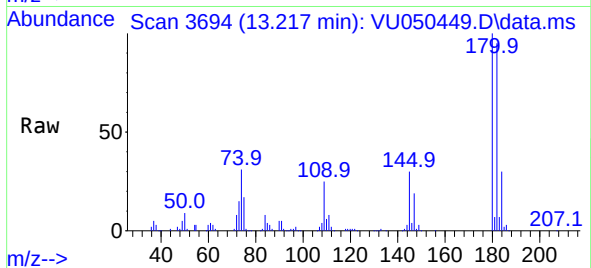


#69
1,3,5-Trichlorobenzene
Concen: 50.931 ug/L
RT: 13.217 min Scan# 3694
Delta R.T. 0.000 min
Lab File: VU050449.D
Acq: 26 Aug 2022 11:13

Instrument :
MSVOA_U
ClientSampleId :
VSTD050176

Tgt Ion:180 Resp: 172983

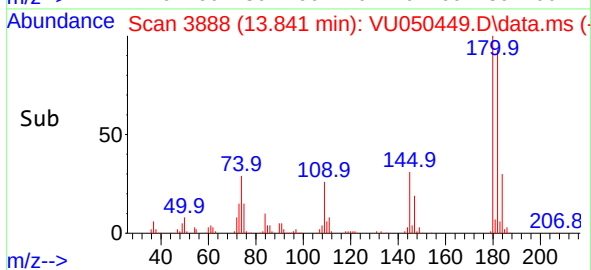
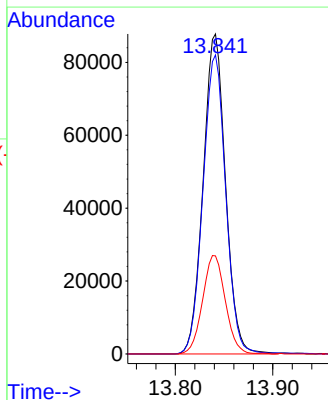
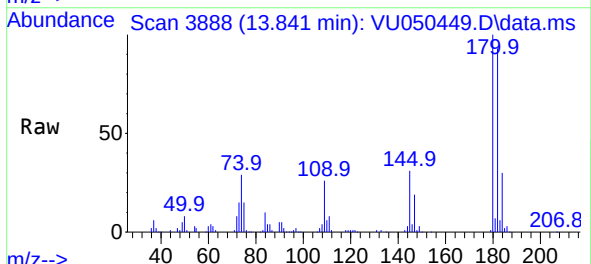
Ion	Ratio	Lower	Upper
180	100		
182	94.7	77.0	115.6
184	29.7	24.1	36.1
145	29.9	24.2	36.4

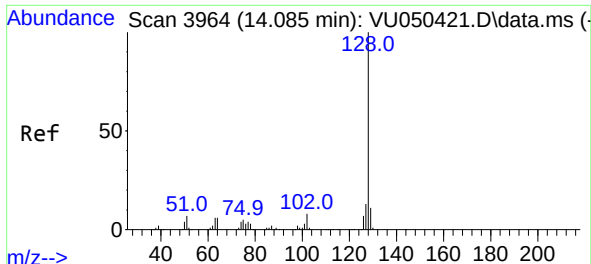


#70
1,2,4-trichlorobenzene
Concen: 51.620 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.003 min
Lab File: VU050449.D
Acq: 26 Aug 2022 11:13

Tgt Ion:180 Resp: 140407

Ion	Ratio	Lower	Upper
180	100		
182	94.5	75.4	113.2
145	31.2	23.9	35.9

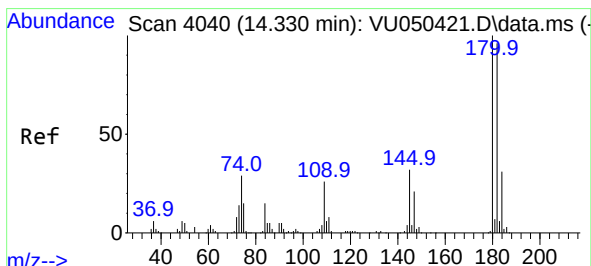
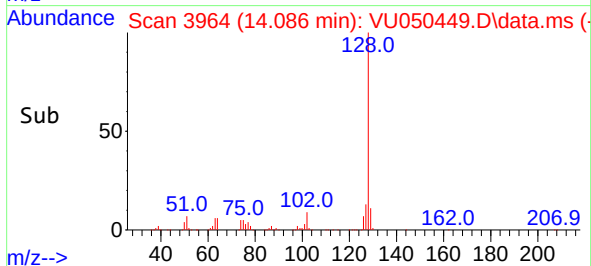
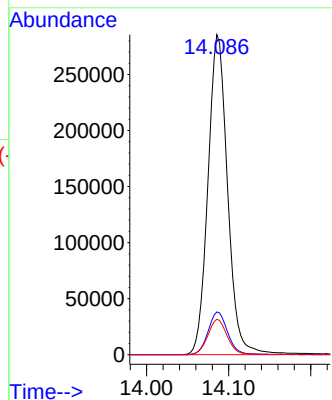
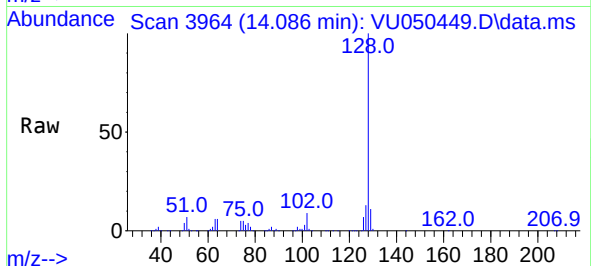




#71
Naphthalene
Concen: 53.029 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU050449.D
Acq: 26 Aug 2022 11:13

Instrument :
MSVOA_U
ClientSampleId :
VSTD050176

Tgt Ion:128 Resp: 473153
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 11.0 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 53.863 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU050449.D
Acq: 26 Aug 2022 11:13

Tgt Ion:180 Resp: 160123
Ion Ratio Lower Upper
180 100
182 95.0 76.8 115.2
145 32.6 26.5 39.7

