

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121623\
 Data File : VU056917.D
 Acq On : 16 Dec 2023 10:19
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 16 23:45:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 15 01:53:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	227315	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	224844	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	111374	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	93368	4.792	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.800%
7) Chloroethane-d5	1.908	69	73091	5.013	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.200%
11) 1,1-Dichloroethene-d2	2.563	65	39677	4.759	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.200%
20) 2-Butanone-d5	4.621	46	201740	52.428	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.860%
24) Chloroform-d	5.055	84	195047	5.286	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.800%
26) 1,2-Dichloroethane-d4	5.695	65	91117	5.219	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.400%
32) Benzene-d6	5.721	84	362522	5.198	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.000%
36) 1,2-Dichloropropane-d6	6.685	67	112956	5.175	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.400%
41) Toluene-d8	7.894	98	316547	5.078	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
43) trans-1,3-Dichloroprop...	8.177	79	42233	4.989	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.800%
46) 2-Hexanone-d5	8.628	63	170439	53.384	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.760%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	82113	5.199	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	106672	4.872	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	136124	5.715	ug/L	98
3) Chloromethane	1.515	50	137314	5.863	ug/L	100
5) Vinyl chloride	1.602	62	136314	5.861	ug/L	98
6) Bromomethane	1.853	94	74540	5.436	ug/L	98
8) Chloroethane	1.930	64	78353	5.751	ug/L	100
9) Trichlorofluoromethane	2.136	101	191323	5.837	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	123560	6.146	ug/L	98
12) 1,1-Dichloroethene	2.576	96	108281	5.867	ug/L	87
13) Acetone	2.631	43	137191	58.504	ug/L	98
14) Carbon disulfide	2.789	76	342536	5.350	ug/L	100
15) Methyl Acetate	2.949	43	35733	5.598	ug/L	98
16) Methylene chloride	3.043	84	118816	5.909	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	227978	5.571	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	107913	5.767	ug/L	99
19) 1,1-Dichloroethane	3.862	63	213123	5.921	ug/L	98
21) 2-Butanone	4.702	43	217320	54.954	ug/L	99
22) cis-1,2-Dichloroethene	4.657	96	116296	5.713	ug/L	99
23) Bromochloromethane	4.968	128	49727	5.835	ug/L	97
25) Chloroform	5.081	83	222277	5.895	ug/L	99

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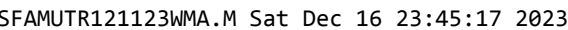
Instrument :
 MSVOA_U
 ClientSampleId :

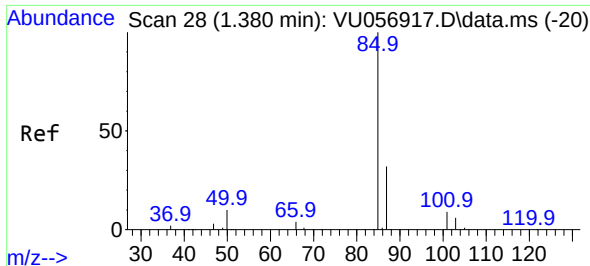
Quant Time: Dec 16 23:45:09 2023
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 15 01:53:53 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	124946	5.603	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	194215	5.976	ug/L	98
30) Cyclohexane	5.383	56	168545	5.525	ug/L	99
31) Carbon tetrachloride	5.518	117	167326	5.923	ug/L	99
33) Benzene	5.769	78	470531	5.955	ug/L	100
34) Trichloroethene	6.538	95	123771	5.710	ug/L	99
35) Methylcyclohexane	6.759	83	175708	5.493	ug/L	100
37) 1,2-Dichloropropane	6.785	63	123256	6.098	ug/L	99
38) Bromodichloromethane	7.100	83	153088	5.939	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	165400	5.614	ug/L	97
40) 4-Methyl-2-pentanone	7.785	43	540764	56.340	ug/L	100
42) Toluene	7.965	91	491093	6.006	ug/L	97
44) trans-1,3-Dichloropropene	8.206	75	137345	5.688	ug/L	100
45) 1,1,2-Trichloroethane	8.396	97	79305	5.803	ug/L	97
47) Tetrachloroethene	8.550	164	89904	5.927	ug/L	97
48) 2-Hexanone	8.679	43	391803	57.313	ug/L	100
49) Dibromochloromethane	8.804	129	88315	5.622	ug/L	100
50) 1,2-Dibromoethane	8.920	107	72743	5.736	ug/L	100
51) Chlorobenzene	9.444	112	298843	5.735	ug/L	98
52) Ethylbenzene	9.566	91	514498	5.704	ug/L	100
53) m,p-Xylene	9.692	106	198058	5.894	ug/L	97
54) o-Xylene	10.097	106	187665	5.862	ug/L	99
55) Styrene	10.110	104	319414	6.076	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	95413	5.779	ug/L #	98
59) Bromoform	10.287	173	51991	5.717	ug/L	99
60) Isopropylbenzene	10.480	105	509465	5.790	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	67248	5.623	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	399045	5.549	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	410630	5.749	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	235005	5.646	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	229619	5.602	ug/L	97
67) 1,2-Dichlorobenzene	12.209	146	211043	5.566	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.991	75	12966	5.431	ug/L	95
69) 1,3,5-Trichlorobenzene	13.216	180	169224	5.380	ug/L	100
70) 1,2,4-trichlorobenzene	13.836	180	115899	4.653	ug/L	95
71) Naphthalene	14.084	128	146978	4.032	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	95178	4.501	ug/L	97

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

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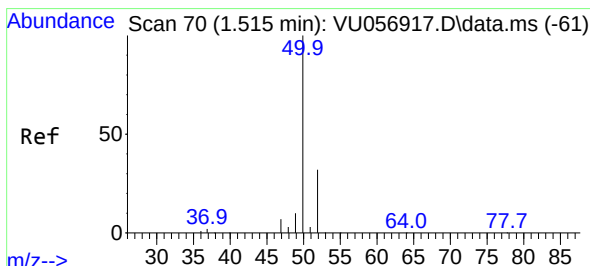
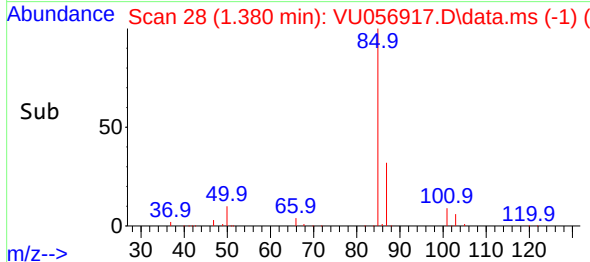
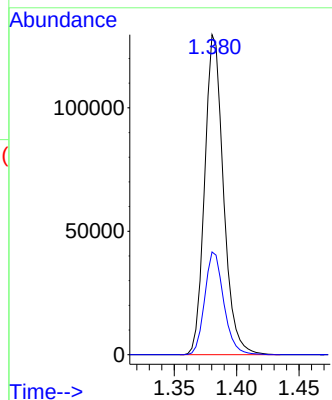
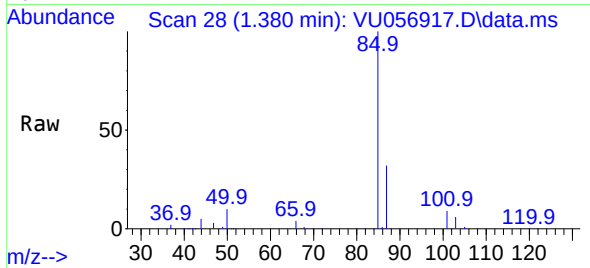




#2
Dichlorodifluoromethane
Concen: 5.715 ug/L
RT: 1.380 min Scan# 28
Delta R.T. 0.000 min
Lab File: VU056917.D
Acq: 16 Dec 2023 10:19

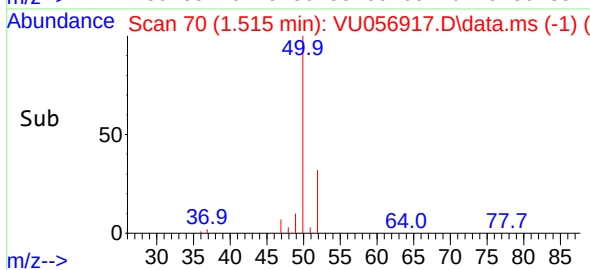
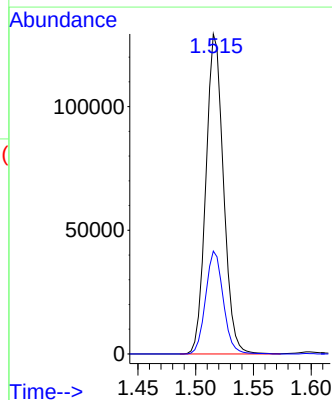
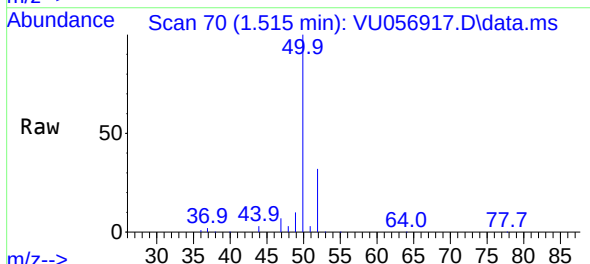
Instrument :
MSVOA_U
ClientSampleId :

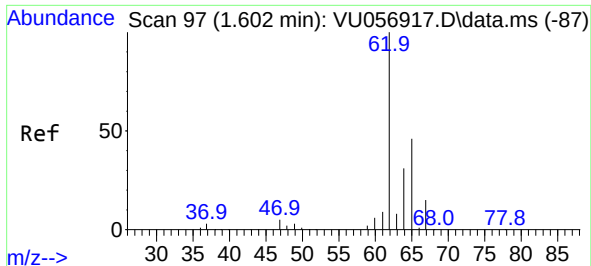
Tgt Ion: 85 Resp: 136124
Ion Ratio Lower Upper
85 100
87 32.5 26.8 40.2



#3
Chloromethane
Concen: 5.863 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU056917.D
Acq: 16 Dec 2023 10:19

Tgt Ion: 50 Resp: 137314
Ion Ratio Lower Upper
50 100
52 32.1 22.5 41.7

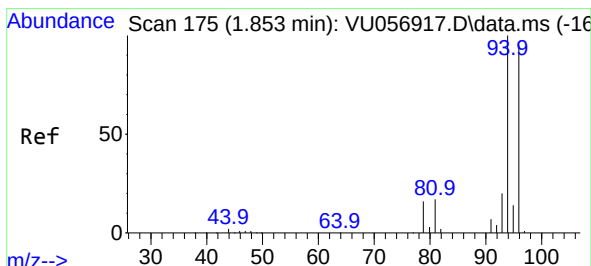
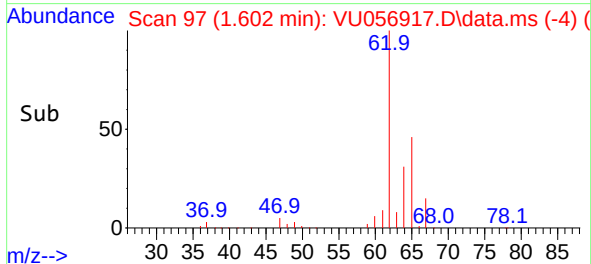
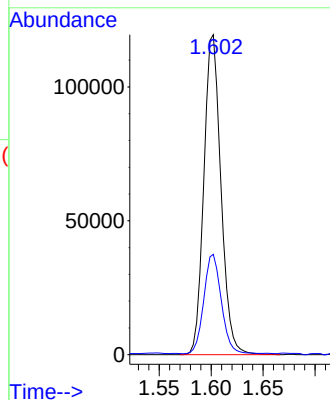
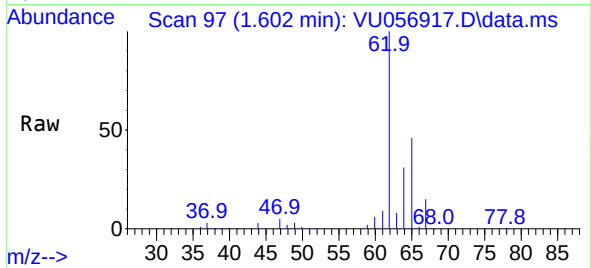




#5
 Vinyl chloride
 Concen: 5.861 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU056917.D
 Acq: 16 Dec 2023 10:19

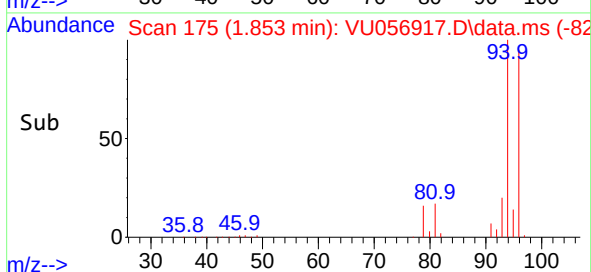
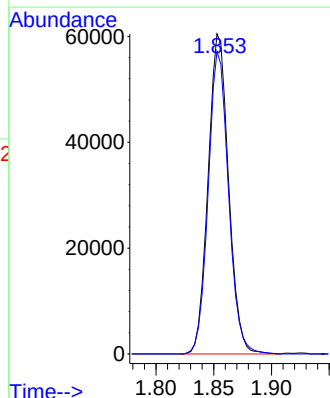
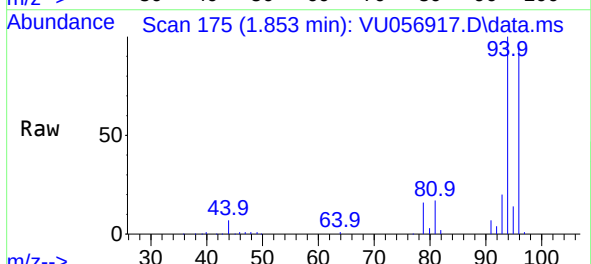
Instrument :
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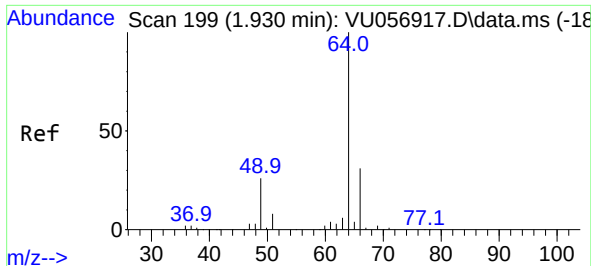
Tgt Ion: 62 Resp: 136314
 Ion Ratio Lower Upper
 62 100
 64 31.3 22.8 42.4



#6
 Bromomethane
 Concen: 5.436 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. 0.000 min
 Lab File: VU056917.D
 Acq: 16 Dec 2023 10:19

Tgt Ion: 94 Resp: 74540
 Ion Ratio Lower Upper
 94 100
 96 94.6 67.8 125.8

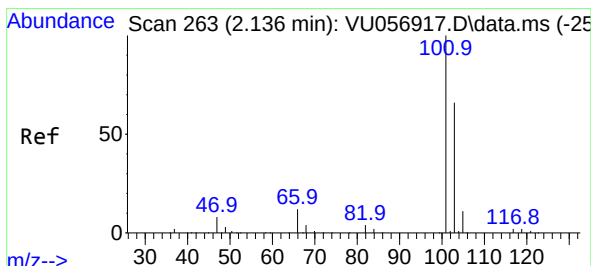
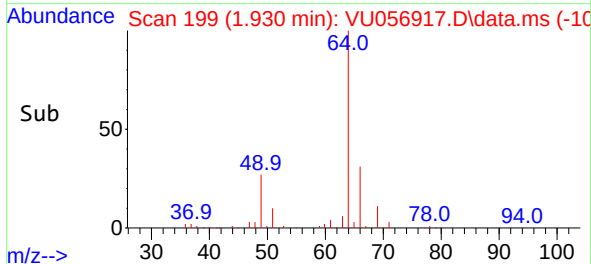
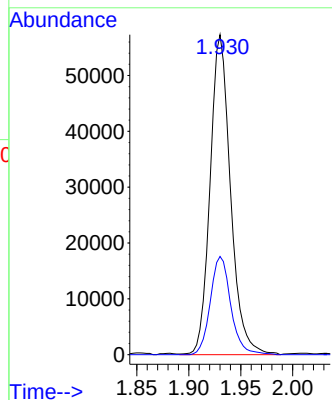
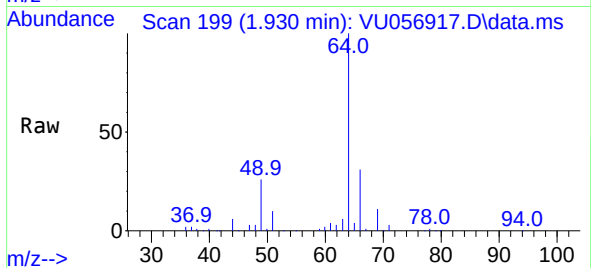




#8
Chloroethane
Concen: 5.751 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU056917.D
Acq: 16 Dec 2023 10:19

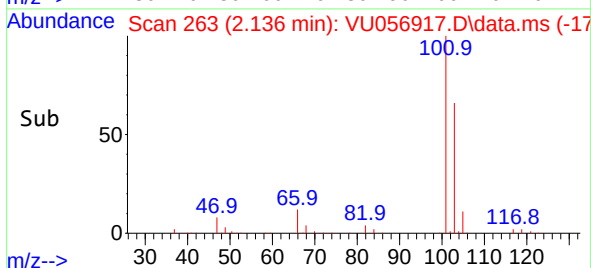
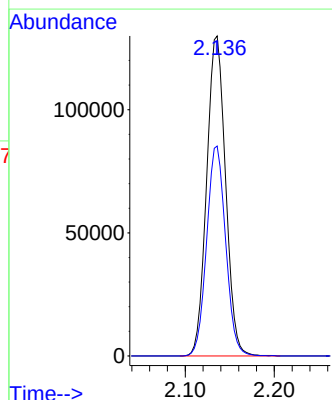
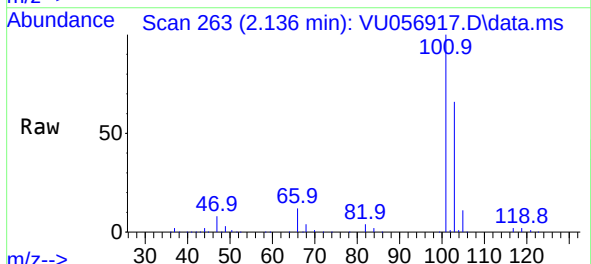
Instrument :
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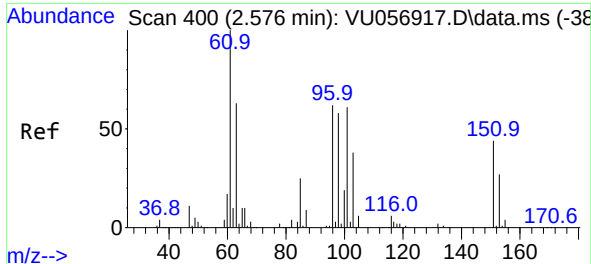
Tgt Ion: 64 Resp: 78353
Ion Ratio Lower Upper
64 100
66 30.7 21.4 39.8



#9
Trichlorofluoromethane
Concen: 5.837 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.000 min
Lab File: VU056917.D
Acq: 16 Dec 2023 10:19

Tgt Ion:101 Resp: 191323
Ion Ratio Lower Upper
101 100
103 65.9 51.4 77.2

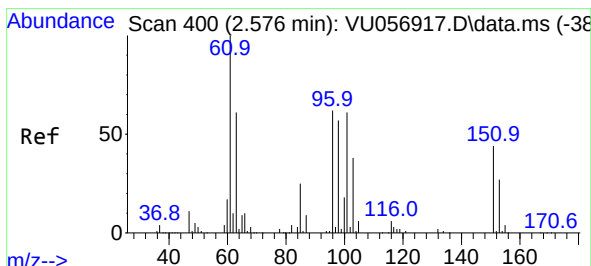
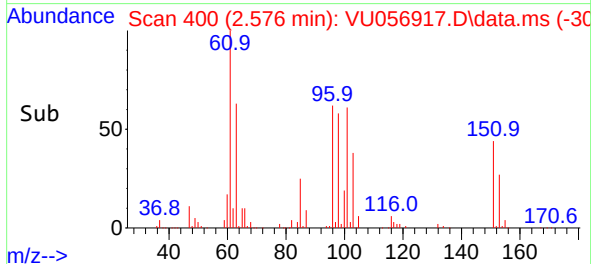
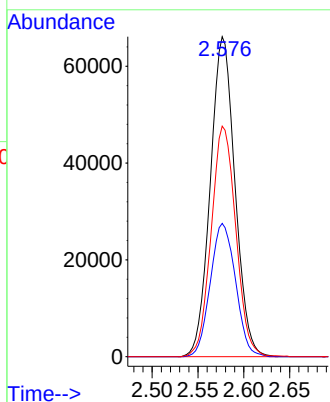
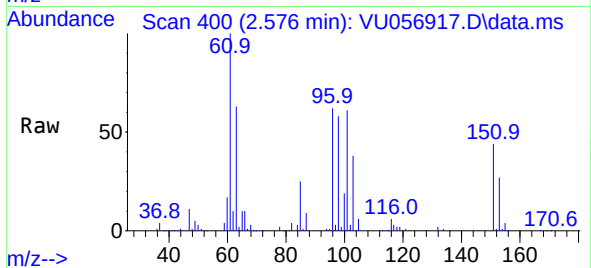




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 6.146 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU056917.D
Acq: 16 Dec 2023 10:19

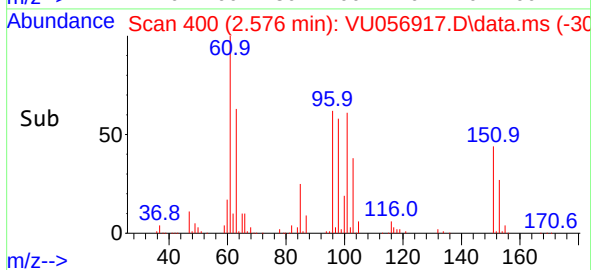
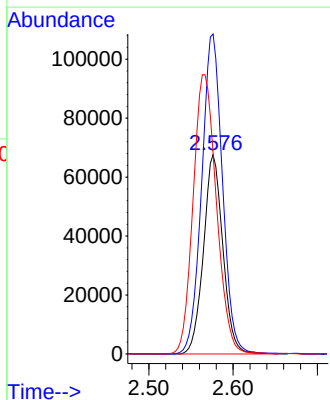
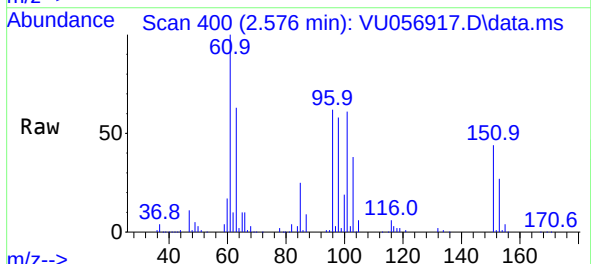
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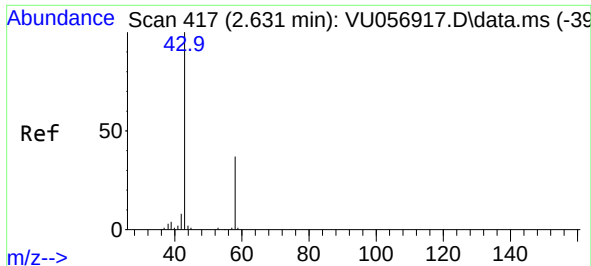
Tgt Ion:101 Resp: 123560
Ion Ratio Lower Upper
101 100
85 42.6 35.2 52.8
151 72.1 56.0 84.0



#12
1,1-Dichloroethene
Concen: 5.867 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU056917.D
Acq: 16 Dec 2023 10:19

Tgt Ion: 96 Resp: 108281
Ion Ratio Lower Upper
96 100
61 160.7 119.0 221.0
63 100.9 88.7 164.7





#13

Acetone

Concen: 58.504 ug/L

RT: 2.631 min Scan# 417

Delta R.T. 0.003 min

Lab File: VU056917.D

Acq: 16 Dec 2023 10:19

Instrument :

MSVOA_U

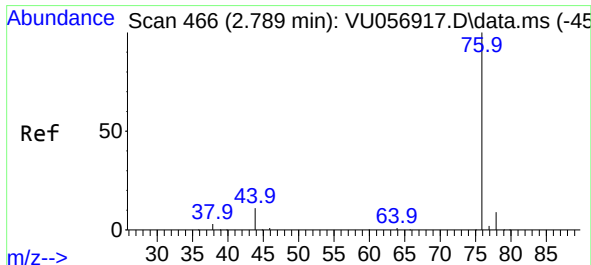
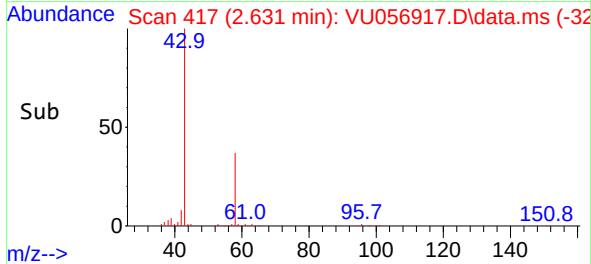
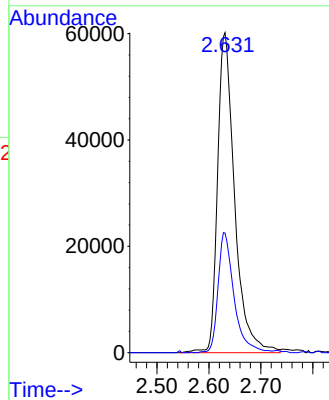
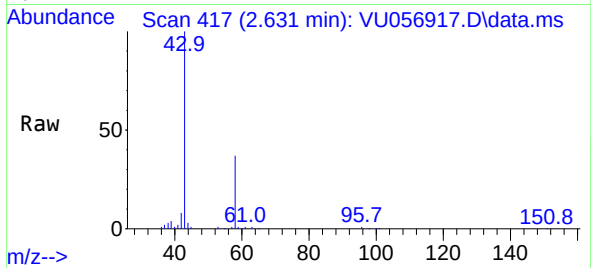
ClientSampleId :

Tgt Ion: 43 Resp: 137191

Ion Ratio Lower Upper

43 100

58 35.1 0.0 72.6



#14

Carbon disulfide

Concen: 5.350 ug/L

RT: 2.789 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU056917.D

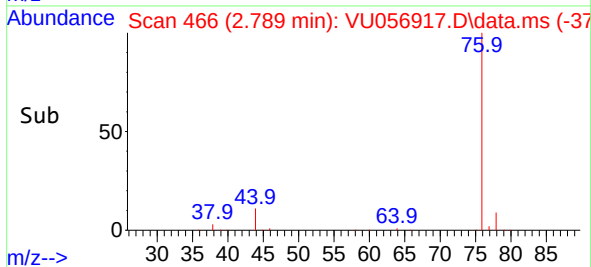
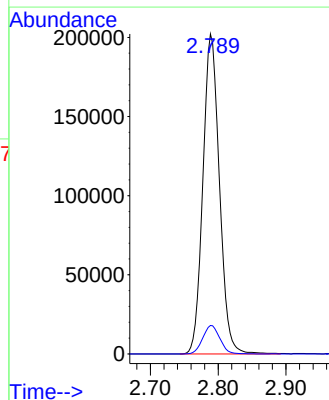
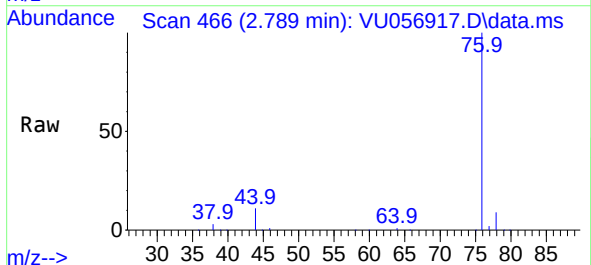
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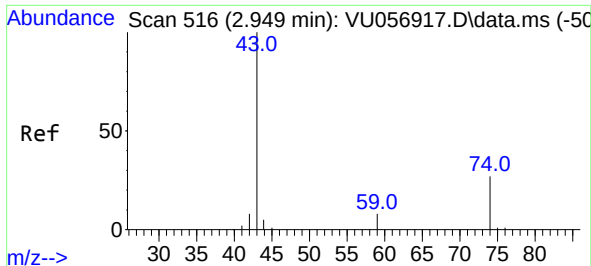
Tgt Ion: 76 Resp: 342536

Ion Ratio Lower Upper

76 100

78 8.9 7.3 10.9

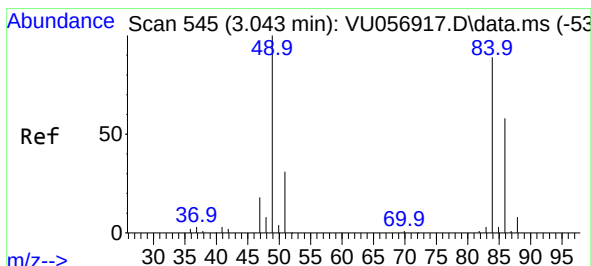
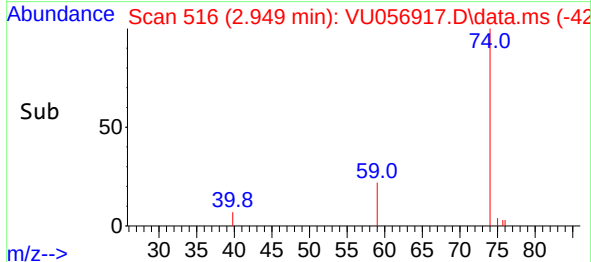
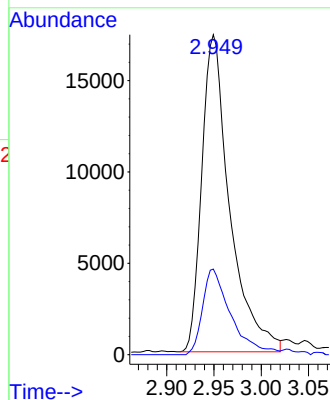
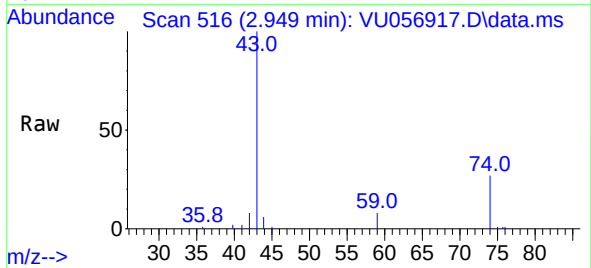




#15
Methyl Acetate
Concen: 5.598 ug/L
RT: 2.949 min Scan# 516
Delta R.T. 0.003 min
Lab File: VU056917.D
Acq: 16 Dec 2023 10:19

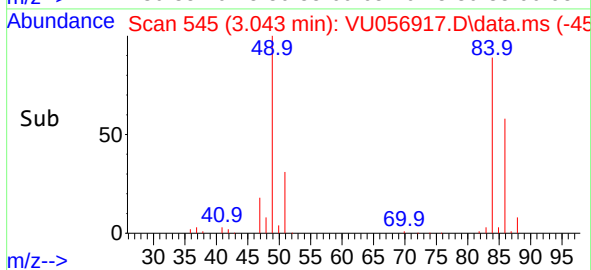
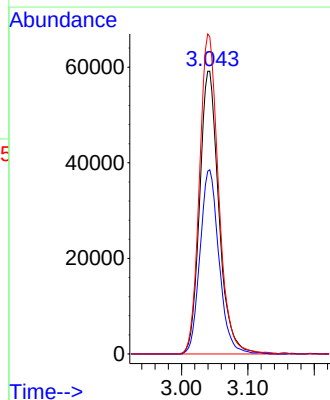
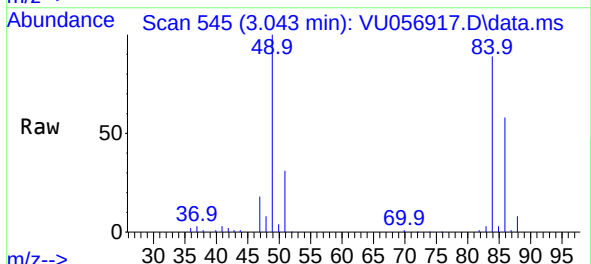
Instrument :
MSVOA_U
ClientSampleId :

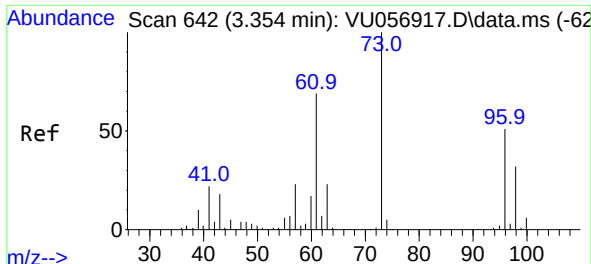
Tgt Ion: 43 Resp: 35733
Ion Ratio Lower Upper
43 100
74 27.2 21.0 31.6



#16
Methylene chloride
Concen: 5.909 ug/L
RT: 3.043 min Scan# 545
Delta R.T. 0.003 min
Lab File: VU056917.D
Acq: 16 Dec 2023 10:19

Tgt Ion: 84 Resp: 118816
Ion Ratio Lower Upper
84 100
86 65.1 43.6 81.0
49 112.2 80.6 149.6

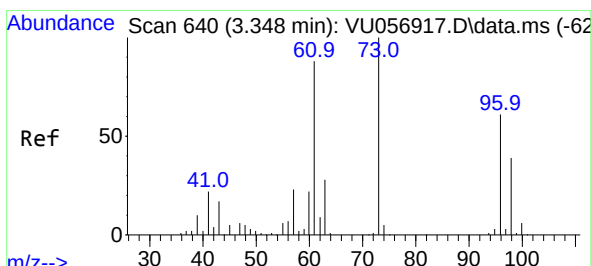
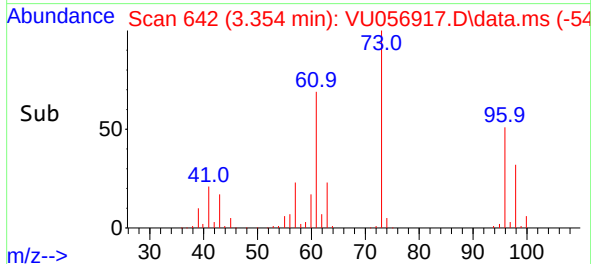
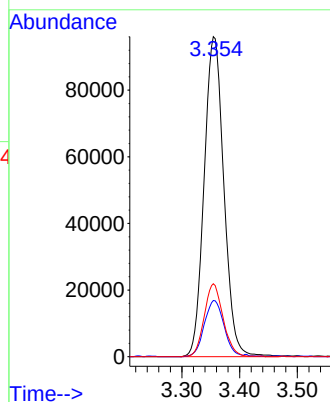
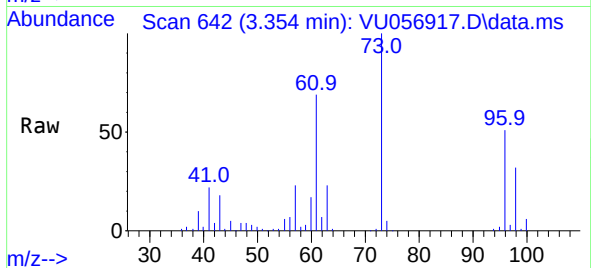




#17
Methyl tert-butyl Ether
Concen: 5.571 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU056917.D
Acq: 16 Dec 2023 10:19

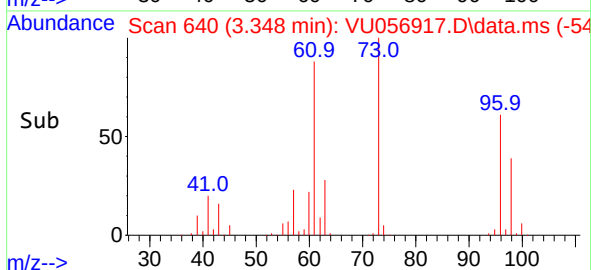
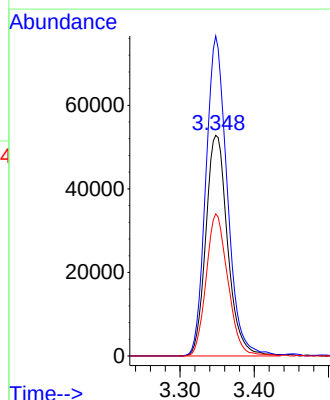
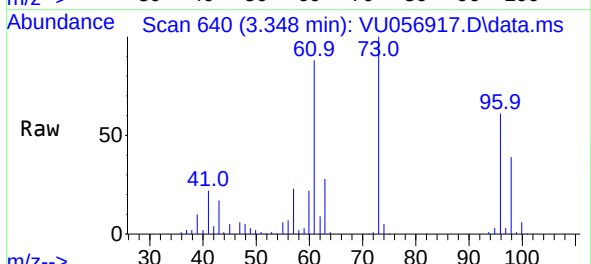
Instrument :
MSVOA_U
ClientSampleId :

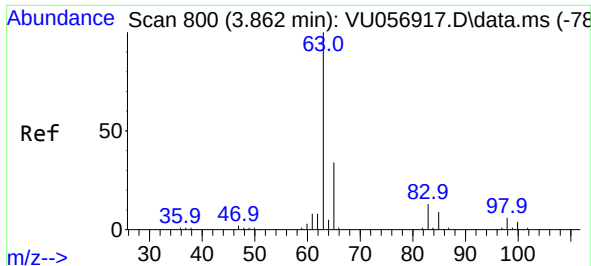
Tgt Ion: 73 Resp: 227978
Ion Ratio Lower Upper
73 100
43 17.6 14.4 21.6
57 21.8 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 5.767 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU056917.D
Acq: 16 Dec 2023 10:19

Tgt Ion: 96 Resp: 107913
Ion Ratio Lower Upper
96 100
61 145.0 101.8 189.0
98 64.4 43.0 79.8

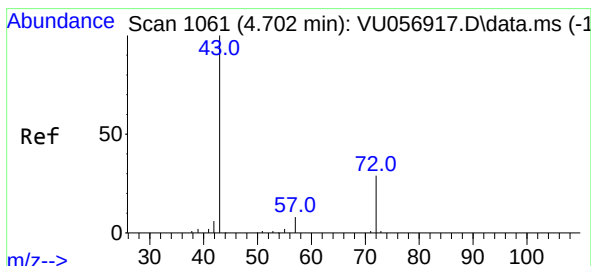
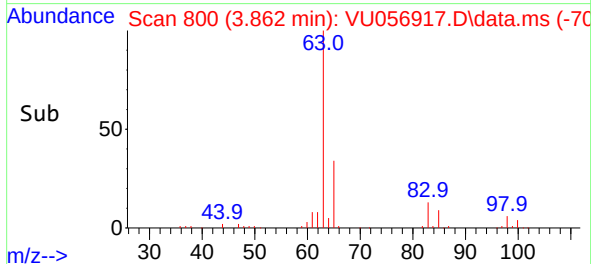
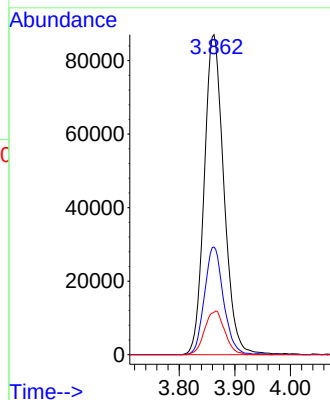
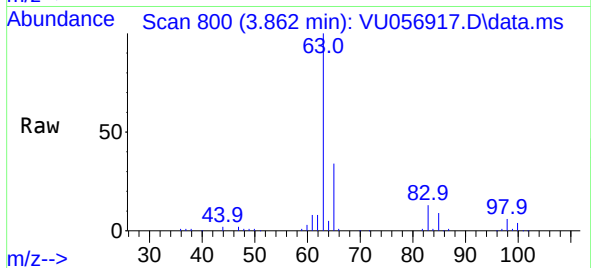




#19
1,1-Dichloroethane
Concen: 5.921 ug/L
RT: 3.862 min Scan# 800
Delta R.T. 0.000 min
Lab File: VU056917.D
Acq: 16 Dec 2023 10:19

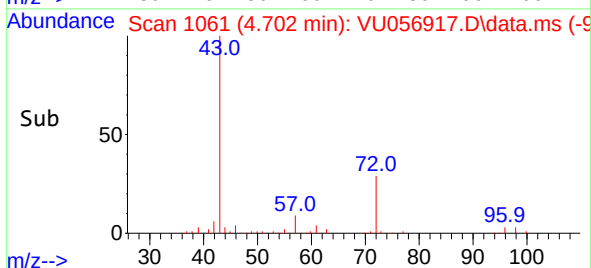
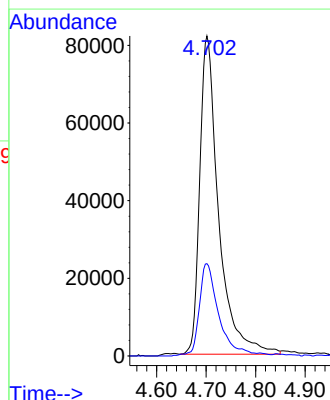
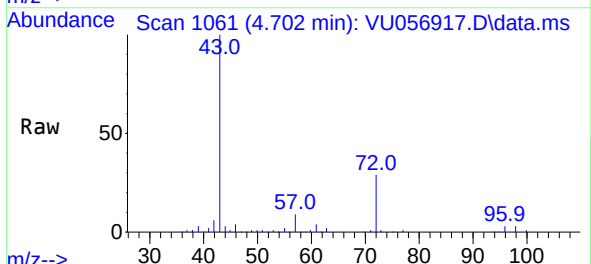
Instrument :
MSVOA_U
ClientSampleId :

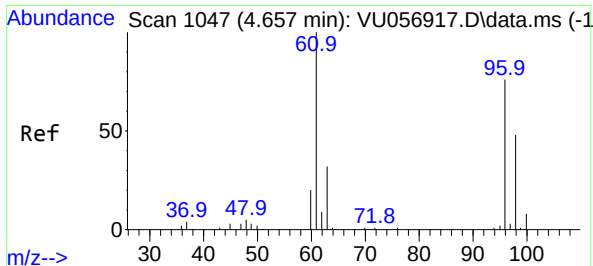
Tgt Ion: 63 Resp: 213123
Ion Ratio Lower Upper
63 100
65 33.6 22.9 42.5
83 13.2 10.1 18.9



#21
2-Butanone
Concen: 54.954 ug/L
RT: 4.702 min Scan# 1061
Delta R.T. 0.003 min
Lab File: VU056917.D
Acq: 16 Dec 2023 10:19

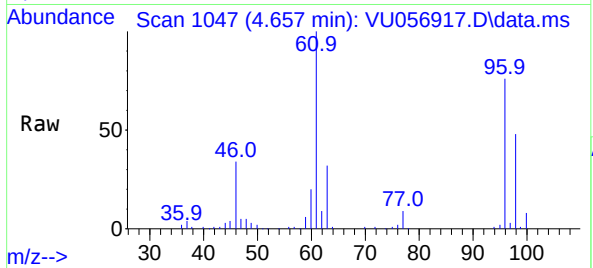
Tgt Ion: 43 Resp: 217320
Ion Ratio Lower Upper
43 100
72 29.8 14.6 43.8





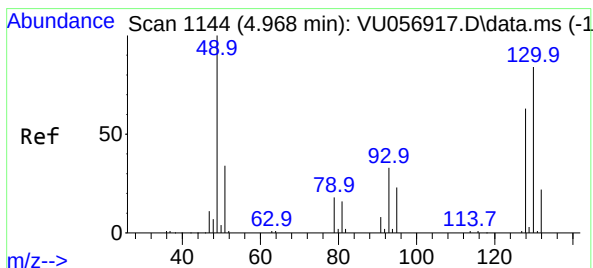
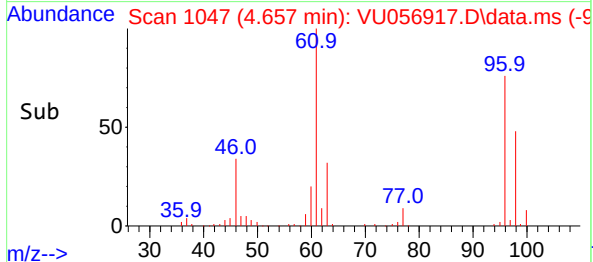
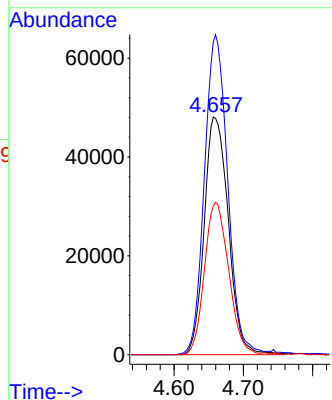
#22
 cis-1,2-Dichloroethene
 Concen: 5.713 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. -0.003 min
 Lab File: VU056917.D
 Acq: 16 Dec 2023 10:19

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 116296

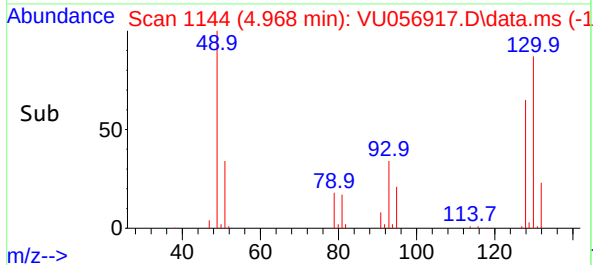
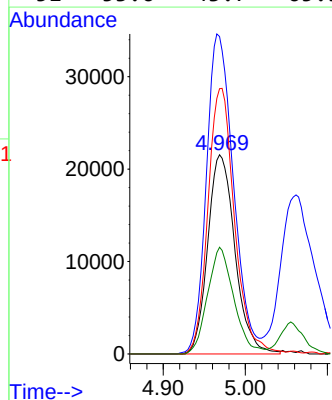
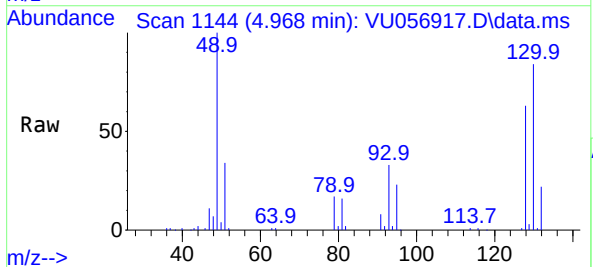
Ion	Ratio	Lower	Upper
96	100		
61	131.6	91.3	169.6
98	62.5	44.2	82.0

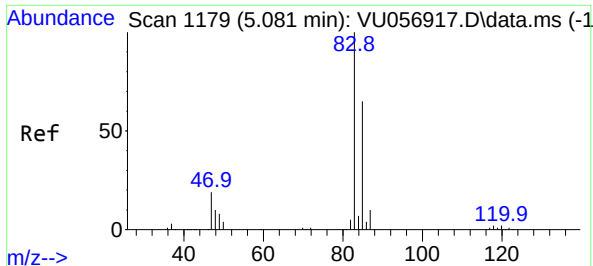


#23
 Bromochloromethane
 Concen: 5.835 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. 0.000 min
 Lab File: VU056917.D
 Acq: 16 Dec 2023 10:19

Tgt Ion: 128 Resp: 49727

Ion	Ratio	Lower	Upper
128	100		
49	159.4	113.8	211.3
130	133.2	90.6	168.3
51	53.6	43.7	65.5





#25

Chloroform

Concen: 5.895 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VU056917.D

Acq: 16 Dec 2023 10:19

Instrument :

MSVOA_U

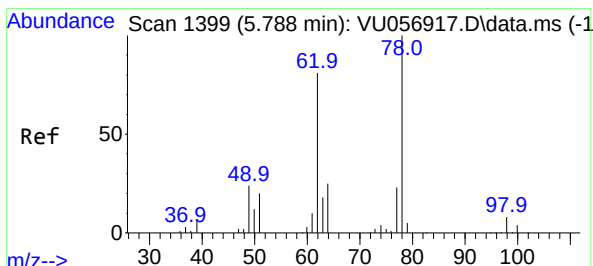
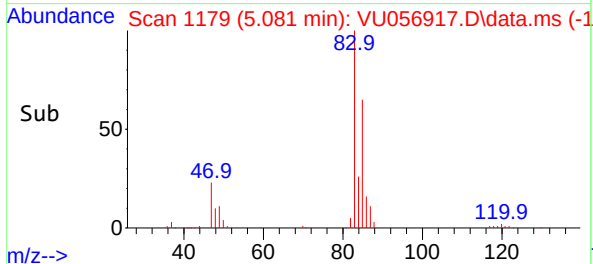
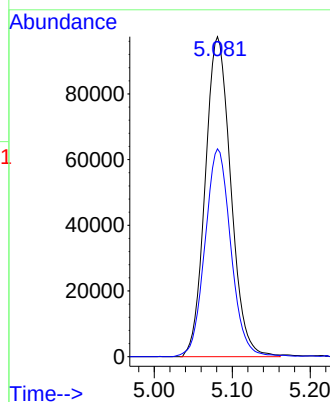
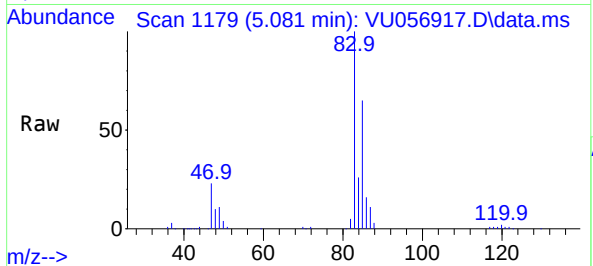
ClientSampleId :

Tgt Ion: 83 Resp: 222277

Ion Ratio Lower Upper

83 100

85 65.0 45.8 85.0



#27

1,2-Dichloroethane

Concen: 5.603 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. 0.000 min

Lab File: VU056917.D

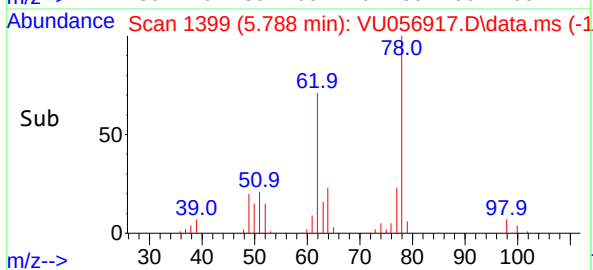
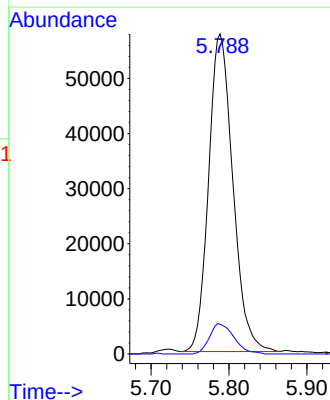
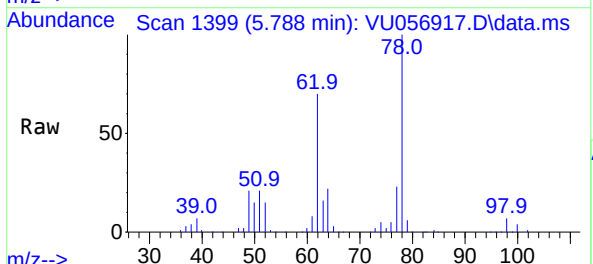
Acq: 16 Dec 2023 10:19

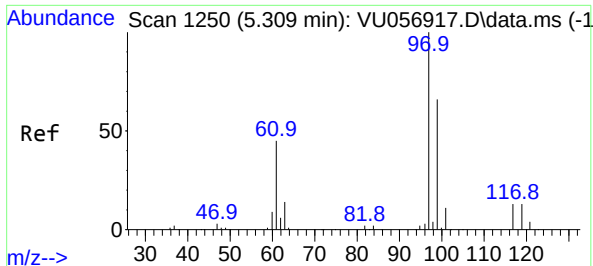
Tgt Ion: 62 Resp: 124946

Ion Ratio Lower Upper

62 100

98 9.3 7.8 11.6

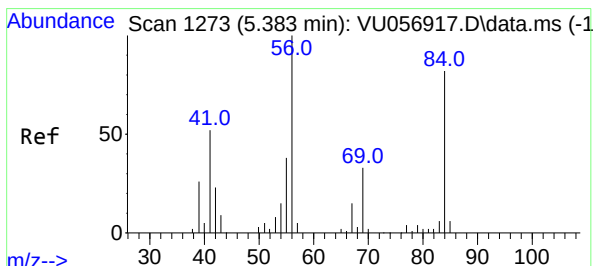
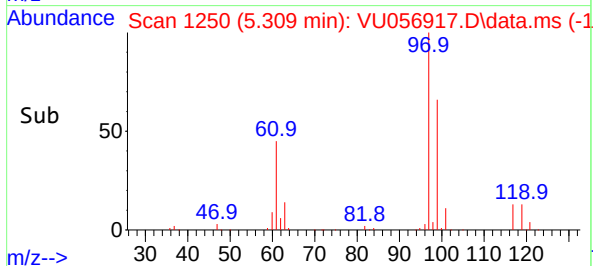
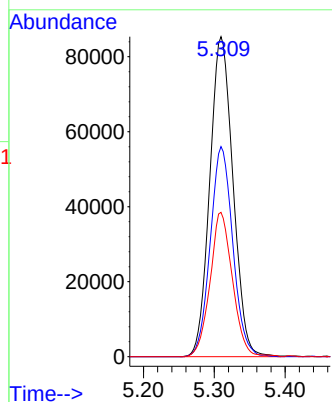
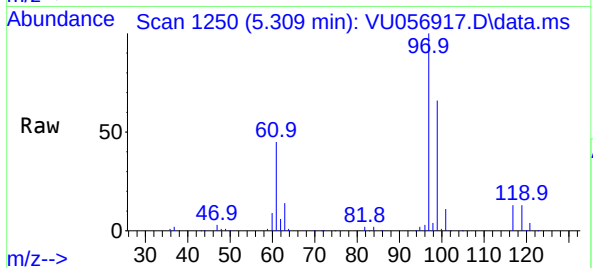




#29
1,1,1-Trichloroethane
Concen: 5.976 ug/L
RT: 5.309 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU056917.D
Acq: 16 Dec 2023 10:19

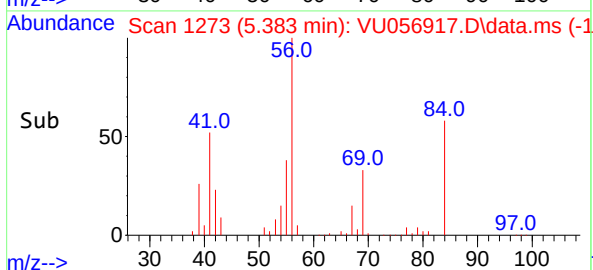
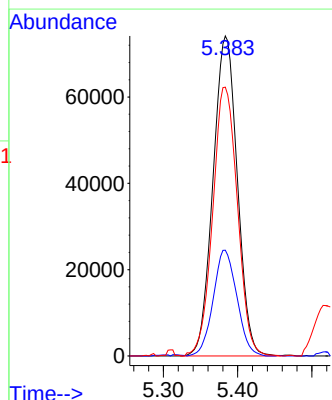
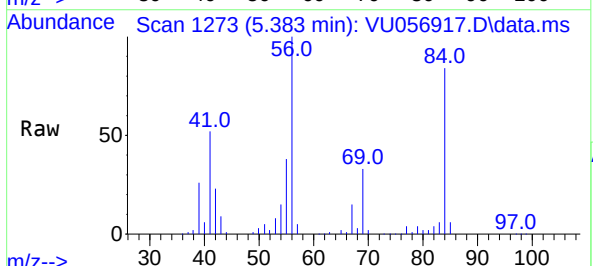
Instrument :
MSVOA_U
ClientSampleId :

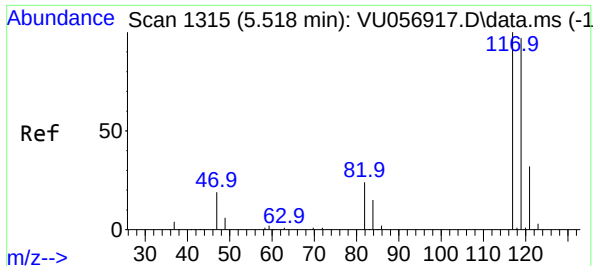
Tgt Ion: 97 Resp: 194215
Ion Ratio Lower Upper
97 100
99 63.9 52.5 78.7
61 43.5 34.2 51.2



#30
Cyclohexane
Concen: 5.525 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VU056917.D
Acq: 16 Dec 2023 10:19

Tgt Ion: 56 Resp: 168545
Ion Ratio Lower Upper
56 100
69 32.3 24.9 37.3
84 85.5 67.6 101.4

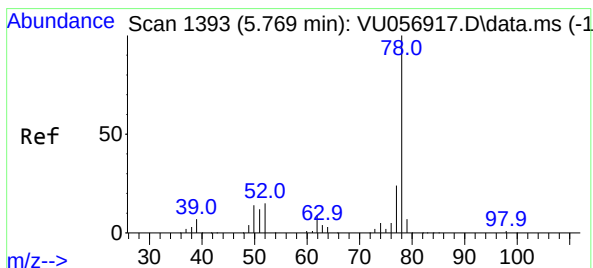
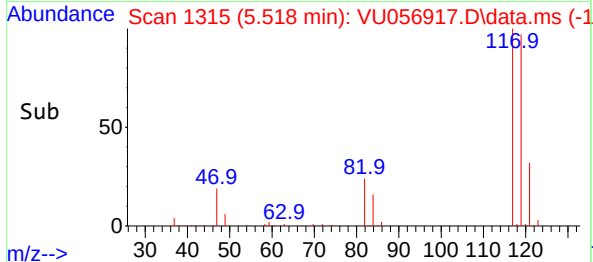
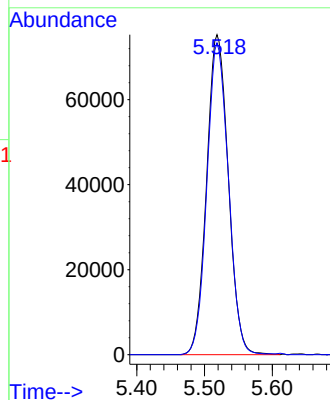
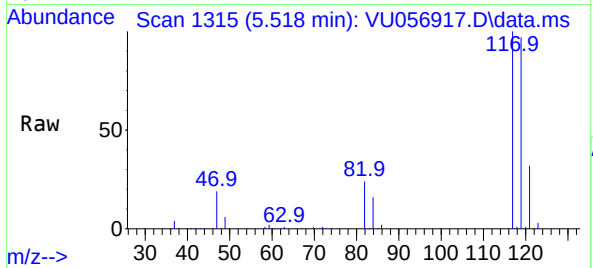




#31
Carbon tetrachloride
Concen: 5.923 ug/L
RT: 5.518 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU056917.D
Acq: 16 Dec 2023 10:19

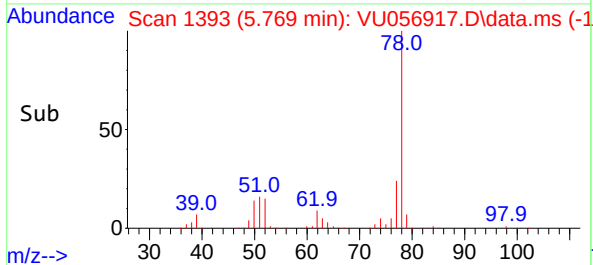
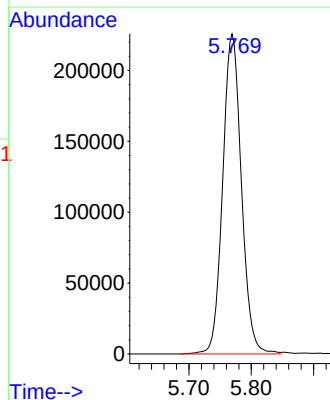
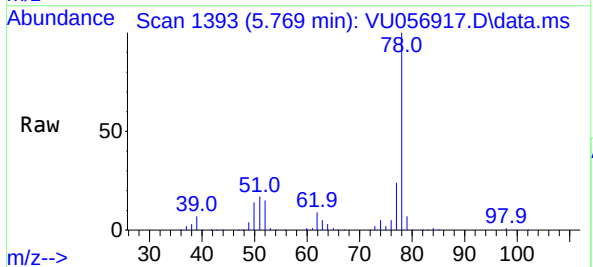
Instrument :
MSVOA_U
ClientSampleId :

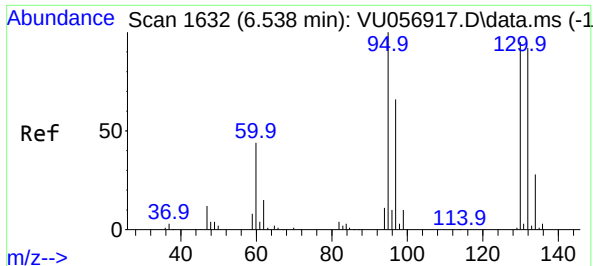
Tgt Ion:117 Resp: 167326
Ion Ratio Lower Upper
117 100
119 96.6 76.2 114.4



#33
Benzene
Concen: 5.955 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.000 min
Lab File: VU056917.D
Acq: 16 Dec 2023 10:19

Tgt Ion: 78 Resp: 470531



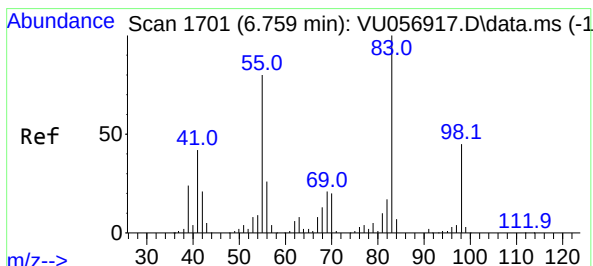
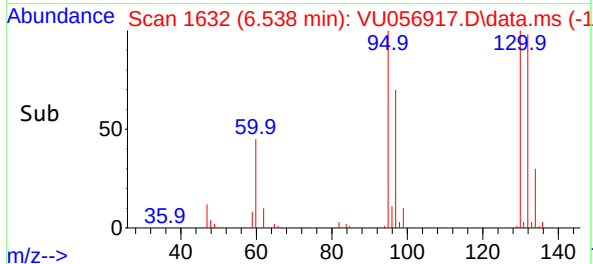
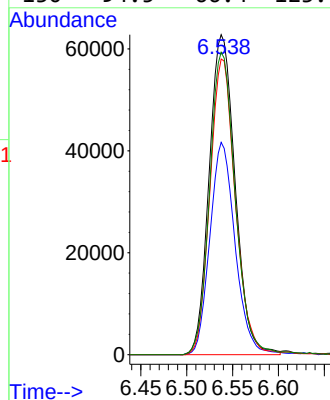
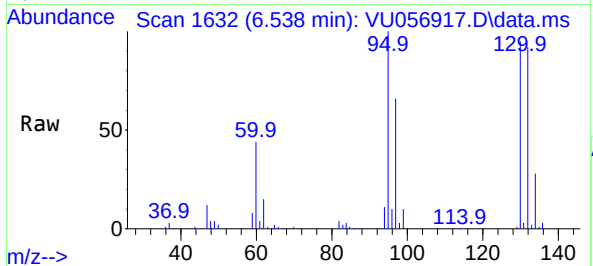


#34
Trichloroethene
Concen: 5.710 ug/L
RT: 6.538 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU056917.D
Acq: 16 Dec 2023 10:19

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 123771

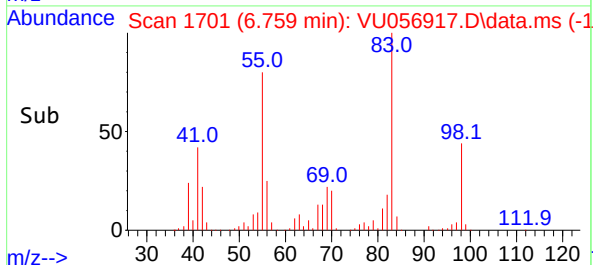
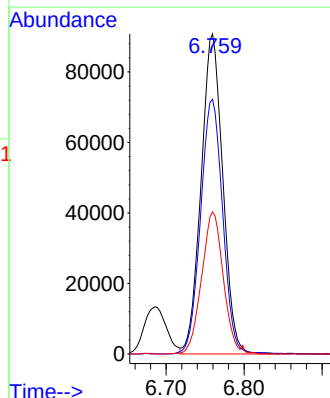
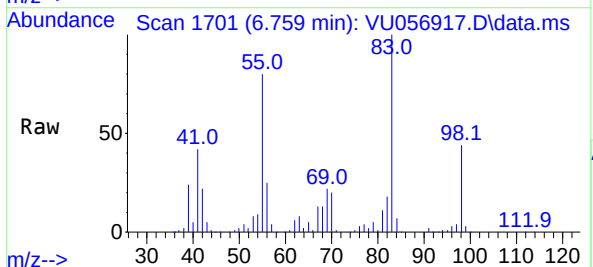
Ion	Ratio	Lower	Upper
95	100		
97	66.3	46.1	85.5
132	92.4	63.6	118.0
130	94.5	66.4	123.4

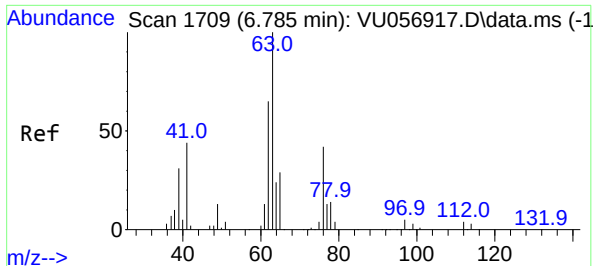


#35
Methylcyclohexane
Concen: 5.493 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VU056917.D
Acq: 16 Dec 2023 10:19

Tgt Ion: 83 Resp: 175708

Ion	Ratio	Lower	Upper
83	100		
55	80.8	64.6	97.0
98	44.5	36.1	54.1

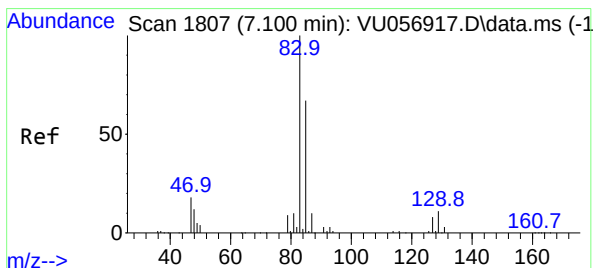
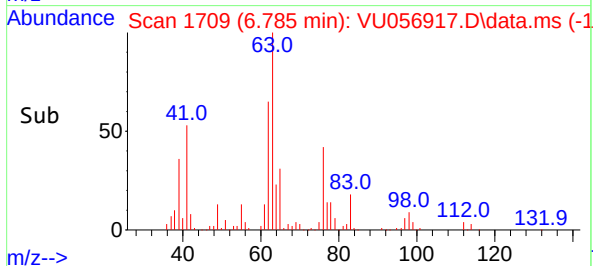
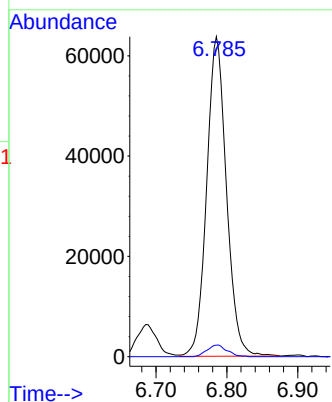
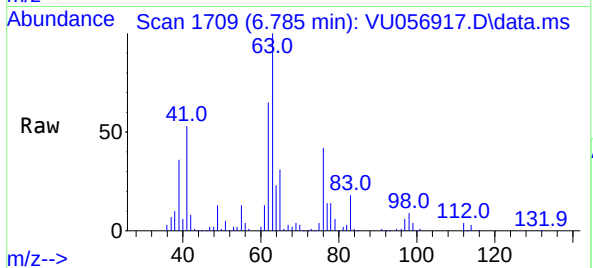




#37
1,2-Dichloropropane
Concen: 6.098 ug/L
RT: 6.785 min Scan# 1709
Delta R.T. 0.000 min
Lab File: VU056917.D
Acq: 16 Dec 2023 10:19

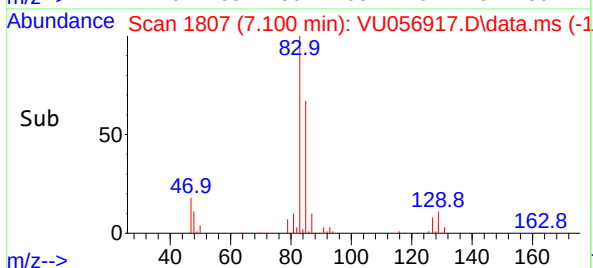
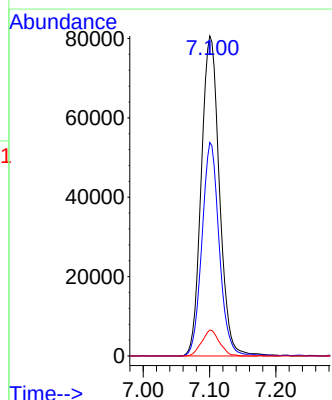
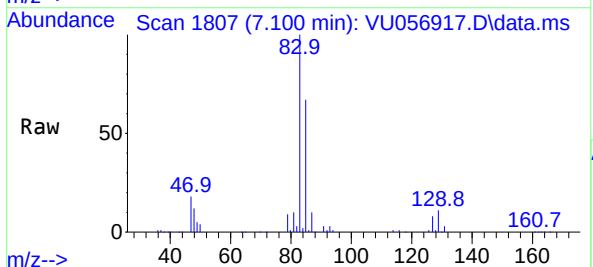
Instrument :
MSVOA_U
ClientSampleId :

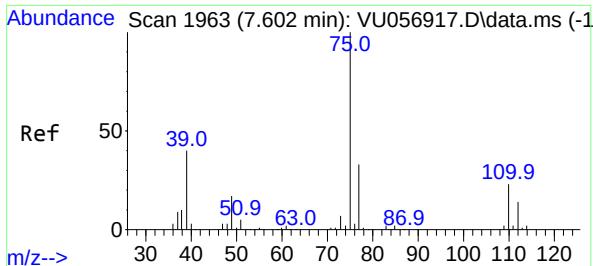
Tgt Ion: 63 Resp: 123256
Ion Ratio Lower Upper
63 100
112 3.7 3.3 4.9



#38
Bromodichloromethane
Concen: 5.939 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VU056917.D
Acq: 16 Dec 2023 10:19

Tgt Ion: 83 Resp: 153088
Ion Ratio Lower Upper
83 100
85 66.7 45.0 83.6
127 8.1 7.0 10.4

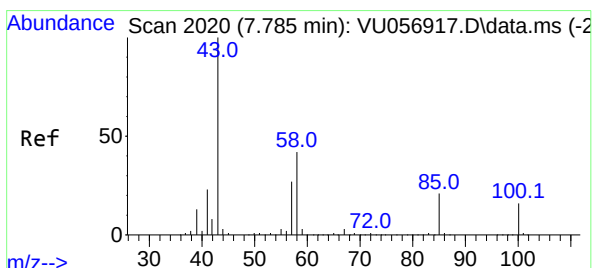
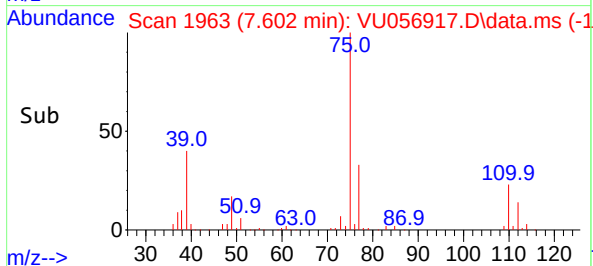
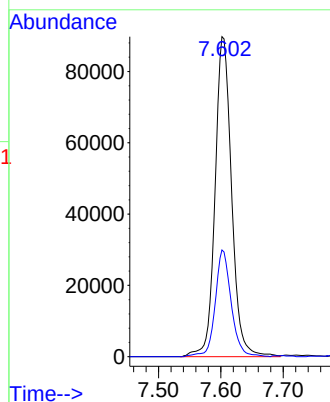
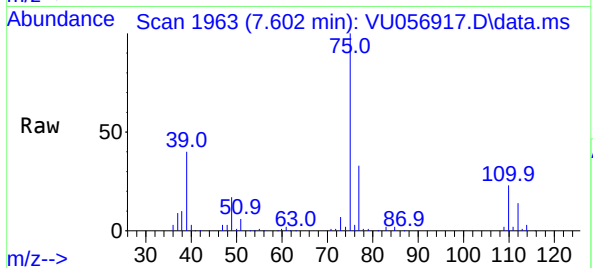




#39
 cis-1,3-Dichloropropene
 Concen: 5.614 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. -0.003 min
 Lab File: VU056917.D
 Acq: 16 Dec 2023 10:19

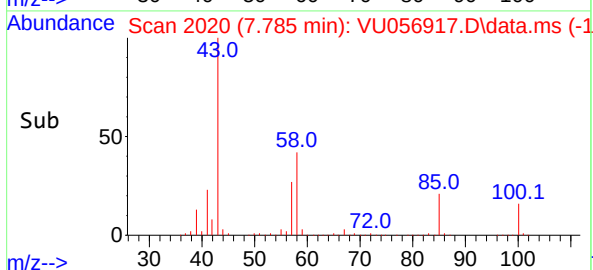
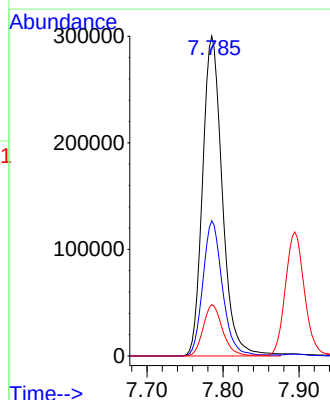
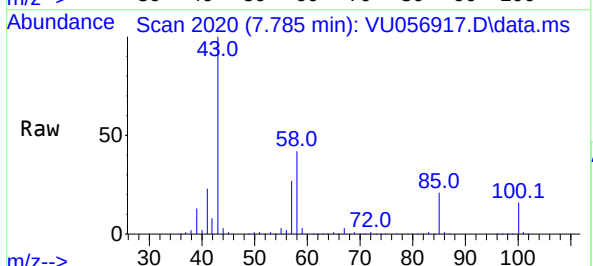
Instrument :
 MSVOA_U
 ClientSampleId :

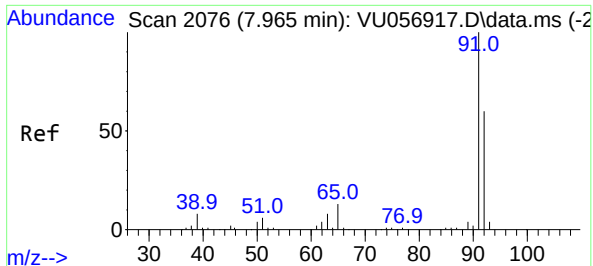
Tgt Ion: 75 Resp: 165400
 Ion Ratio Lower Upper
 75 100
 77 33.4 22.3 41.5



#40
 4-Methyl-2-pentanone
 Concen: 56.340 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. 0.000 min
 Lab File: VU056917.D
 Acq: 16 Dec 2023 10:19

Tgt Ion: 43 Resp: 540764
 Ion Ratio Lower Upper
 43 100
 58 42.0 33.7 50.5
 100 15.7 13.0 19.4





#42

Toluene

Concen: 6.006 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU056917.D

Acq: 16 Dec 2023 10:19

Instrument :

MSVOA_U

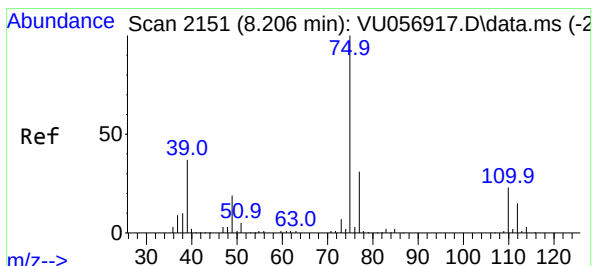
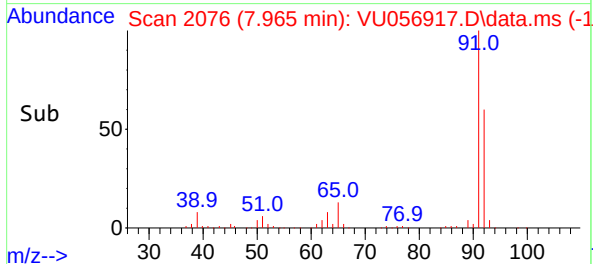
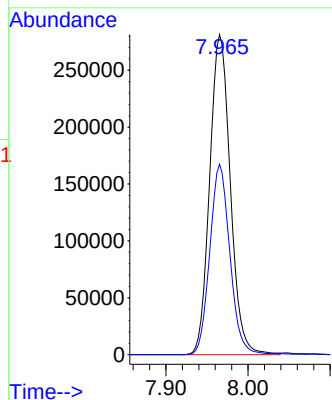
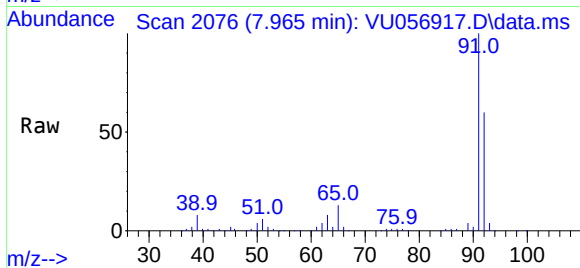
ClientSampleId :

Tgt Ion: 91 Resp: 491093

Ion Ratio Lower Upper

91 100

92 59.6 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 5.688 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU056917.D

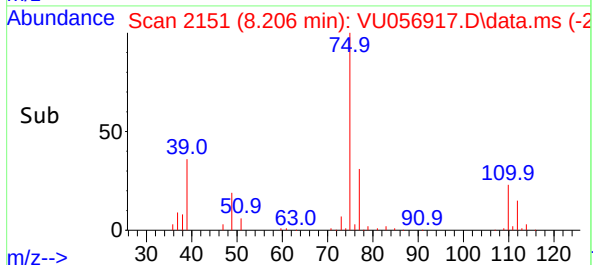
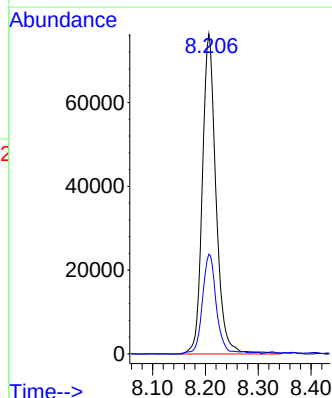
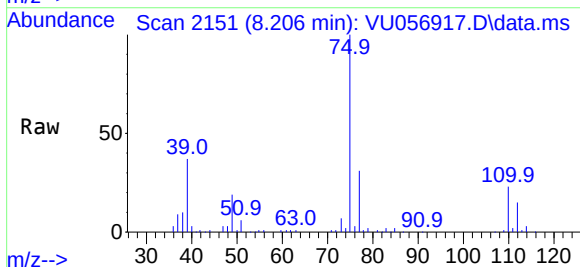
Acq: 16 Dec 2023 10:19

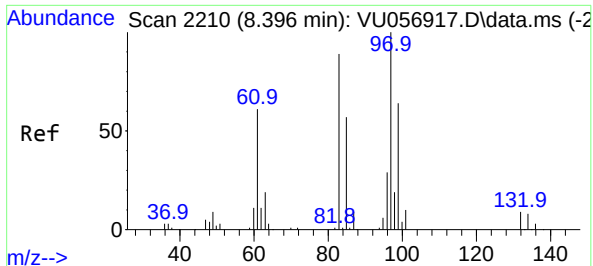
Tgt Ion: 75 Resp: 137345

Ion Ratio Lower Upper

75 100

77 31.1 21.8 40.4



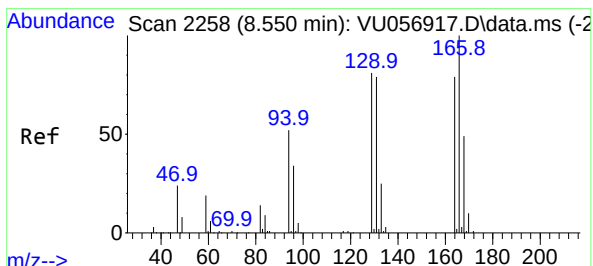
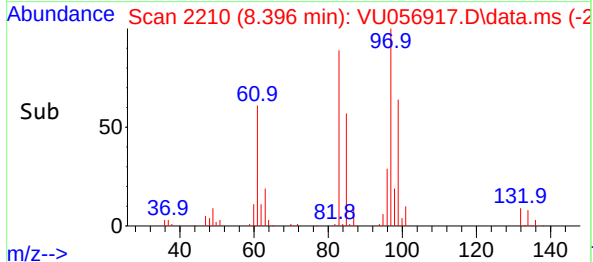
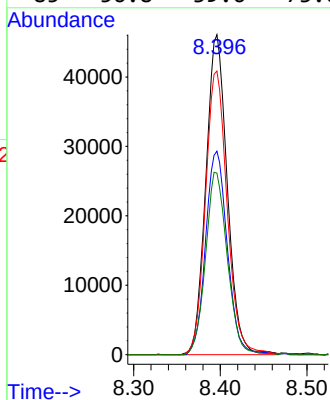
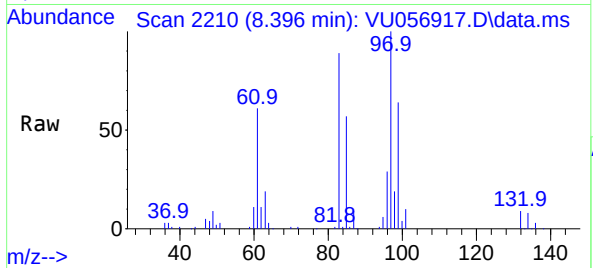


#45
1,1,2-Trichloroethane
Concen: 5.803 ug/L
RT: 8.396 min Scan# 2110
Delta R.T. 0.000 min
Lab File: VU056917.D
Acq: 16 Dec 2023 10:19

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 79305

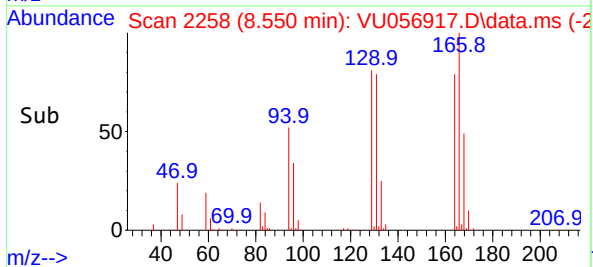
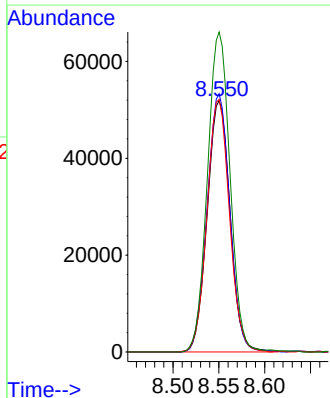
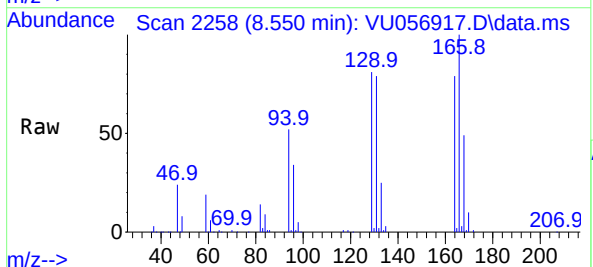
Ion	Ratio	Lower	Upper
97	100		
99	63.6	41.9	77.9
83	88.6	59.1	109.7
85	56.8	39.6	73.6

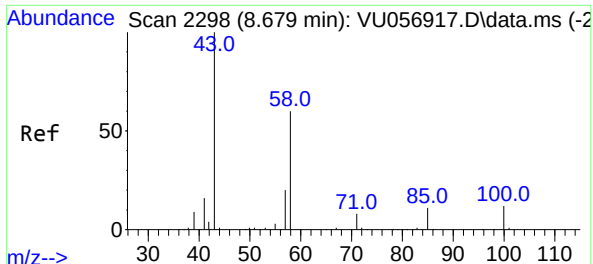


#47
Tetrachloroethene
Concen: 5.927 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU056917.D
Acq: 16 Dec 2023 10:19

Tgt Ion: 164 Resp: 89904

Ion	Ratio	Lower	Upper
164	100		
129	102.8	73.4	136.4
131	100.4	71.5	132.9
166	127.3	92.7	172.1

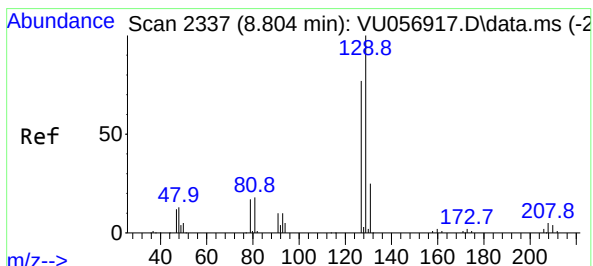
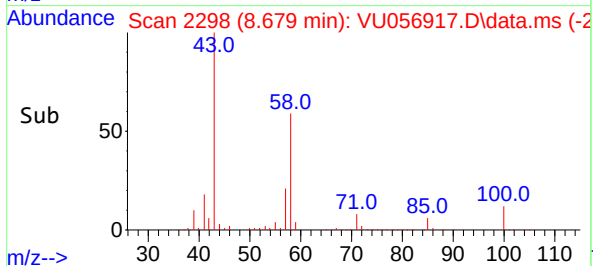
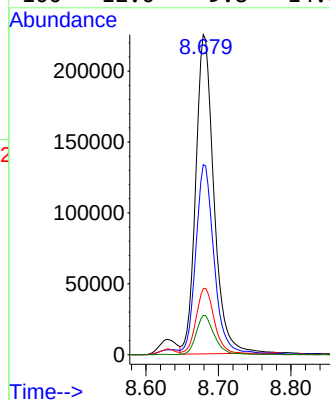
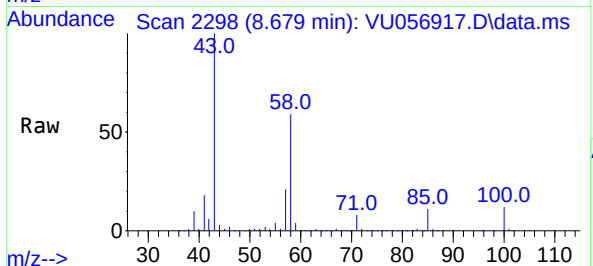




#48
2-Hexanone
Concen: 57.313 ug/L
RT: 8.679 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VU056917.D
Acq: 16 Dec 2023 10:19

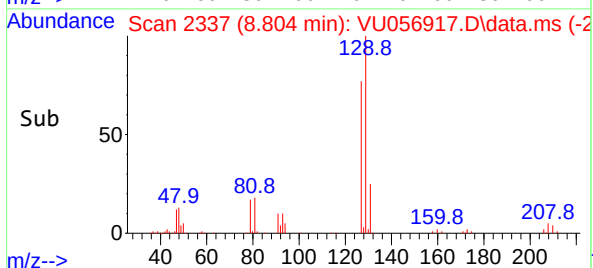
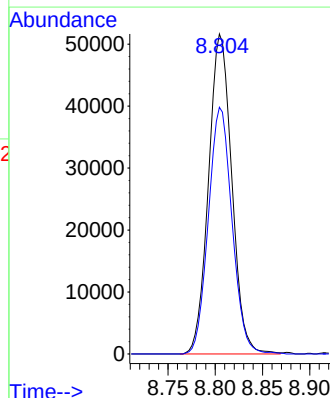
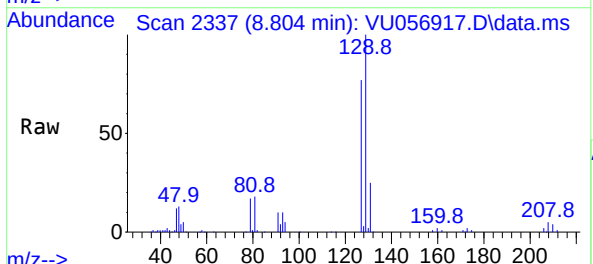
Instrument :
MSVOA_U
ClientSampleId :

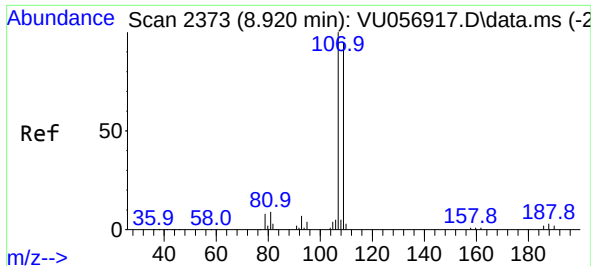
Tgt Ion: 43 Resp: 391803
Ion Ratio Lower Upper
43 100
58 59.8 47.5 71.3
57 21.1 17.0 25.4
100 12.0 9.8 14.8



#49
Dibromochloromethane
Concen: 5.622 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU056917.D
Acq: 16 Dec 2023 10:19

Tgt Ion: 129 Resp: 88315
Ion Ratio Lower Upper
129 100
127 77.1 53.9 100.1

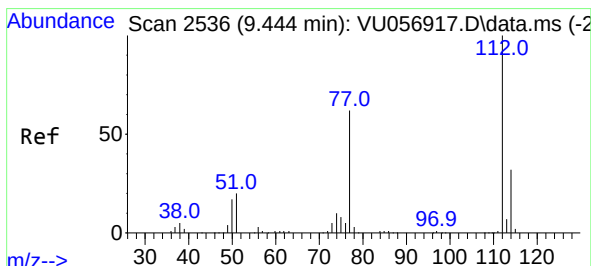
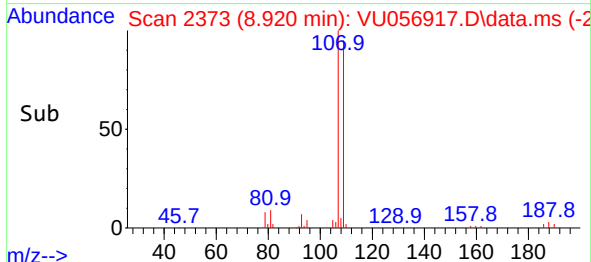
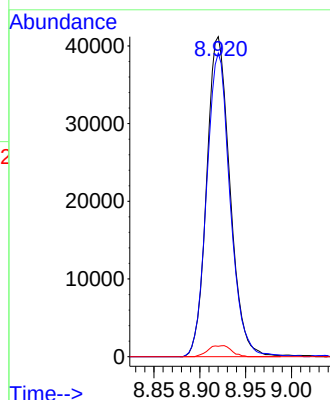
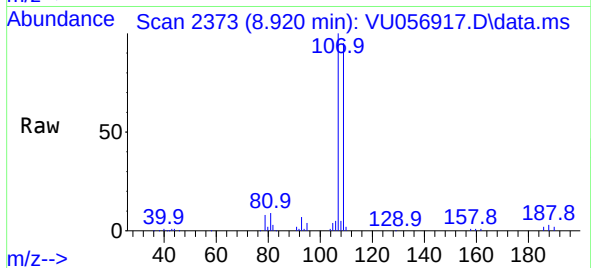




#50
1,2-Dibromoethane
Concen: 5.736 ug/L
RT: 8.920 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU056917.D
Acq: 16 Dec 2023 10:19

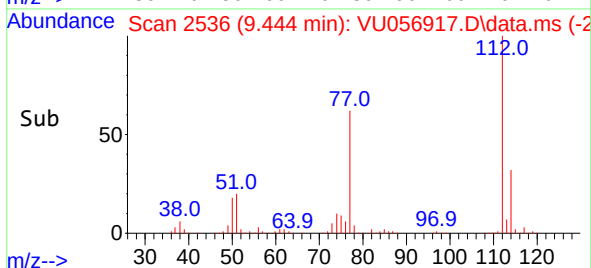
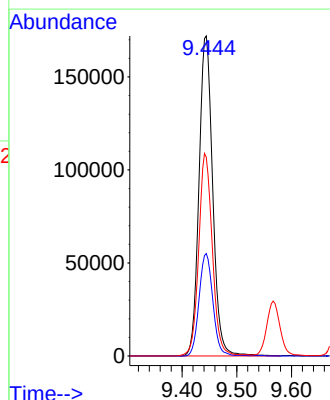
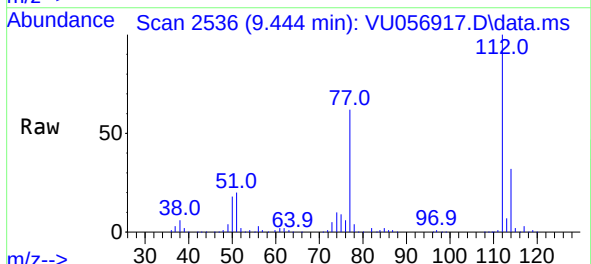
Instrument :
MSVOA_U
ClientSampleId :

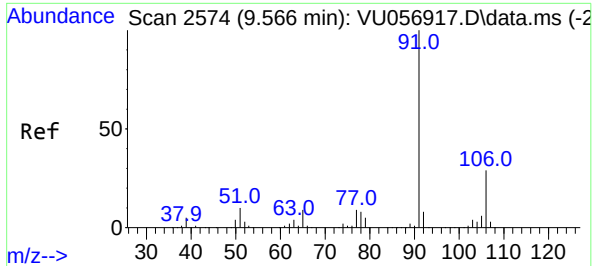
Tgt Ion:107 Resp: 72743
Ion Ratio Lower Upper
107 100
109 94.9 66.5 123.5
188 3.3 2.9 4.3



#51
Chlorobenzene
Concen: 5.735 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. 0.000 min
Lab File: VU056917.D
Acq: 16 Dec 2023 10:19

Tgt Ion:112 Resp: 298843
Ion Ratio Lower Upper
112 100
114 32.0 21.9 40.7
77 62.1 51.6 77.4

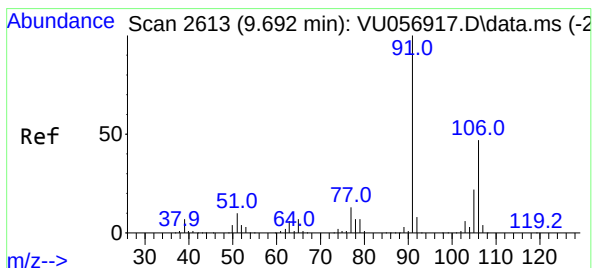
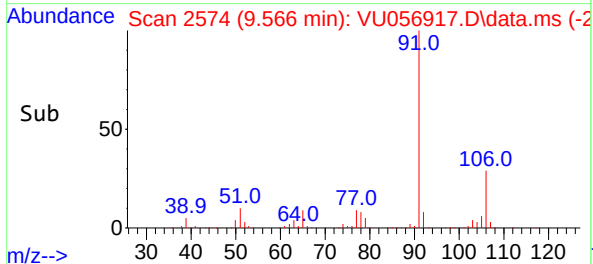
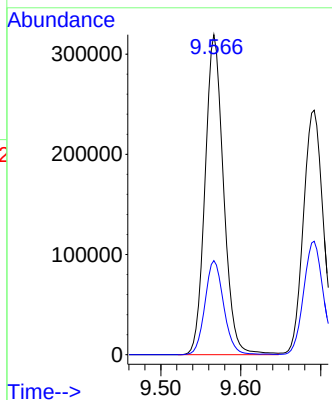
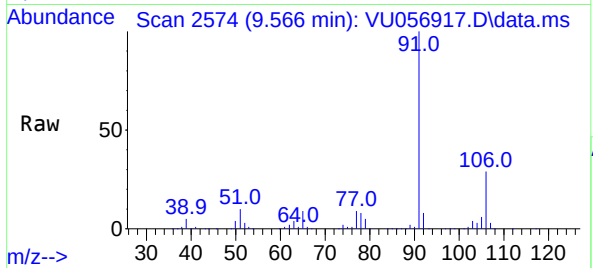




#52
Ethylbenzene
Concen: 5.704 ug/L
RT: 9.566 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU056917.D
Acq: 16 Dec 2023 10:19

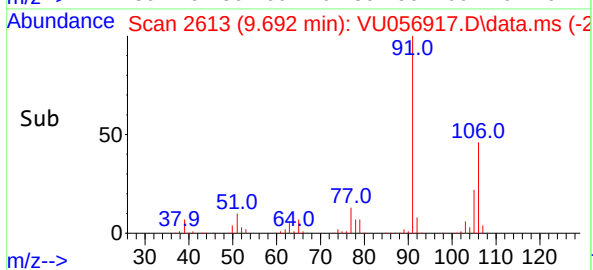
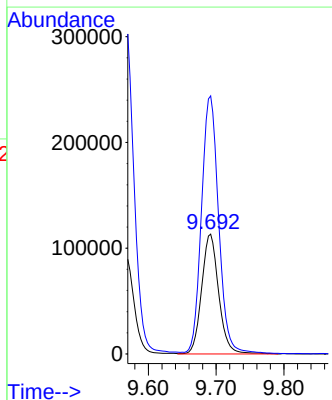
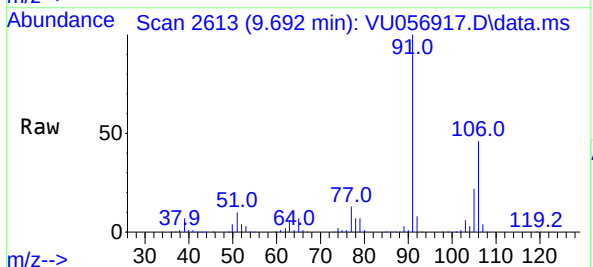
Instrument :
MSVOA_U
ClientSampleId :

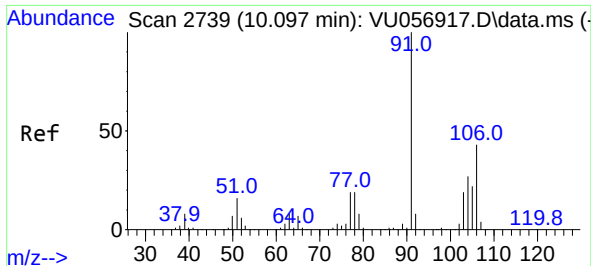
Tgt Ion: 91 Resp: 514498
Ion Ratio Lower Upper
91 100
106 29.4 20.6 38.4



#53
m,p-Xylene
Concen: 5.894 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.000 min
Lab File: VU056917.D
Acq: 16 Dec 2023 10:19

Tgt Ion:106 Resp: 198058
Ion Ratio Lower Upper
106 100
91 215.3 154.0 286.0

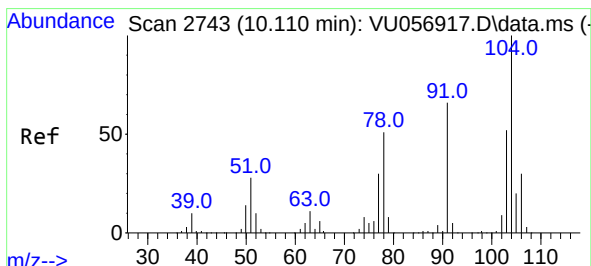
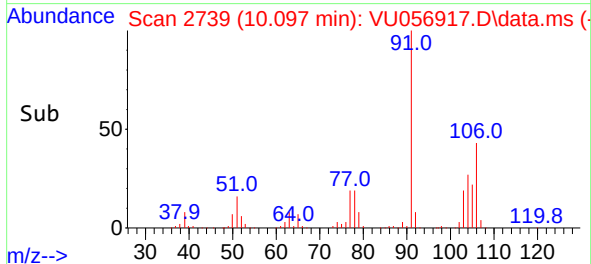
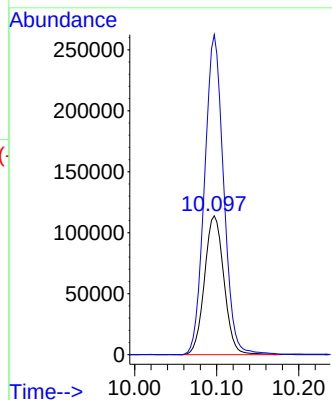
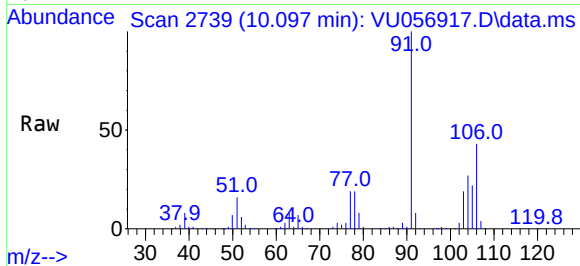




#54
o-Xylene
Concen: 5.862 ug/L
RT: 10.097 min Scan# 2739
Delta R.T. 0.000 min
Lab File: VU056917.D
Acq: 16 Dec 2023 10:19

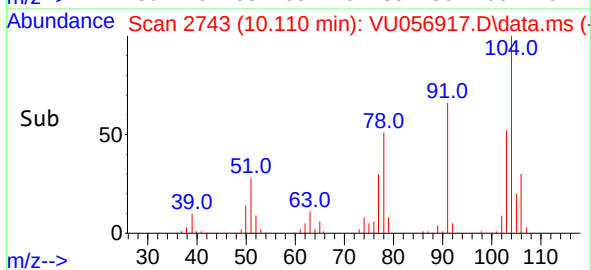
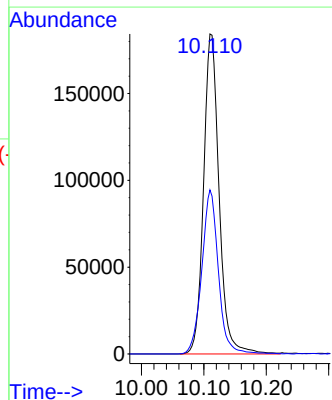
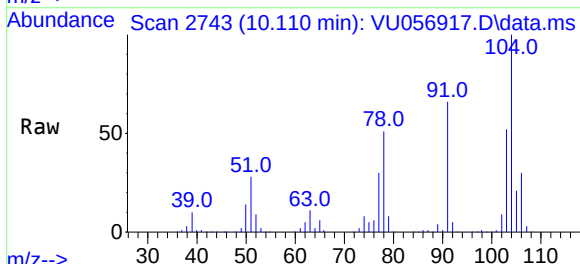
Instrument :
MSVOA_U
ClientSampleId :

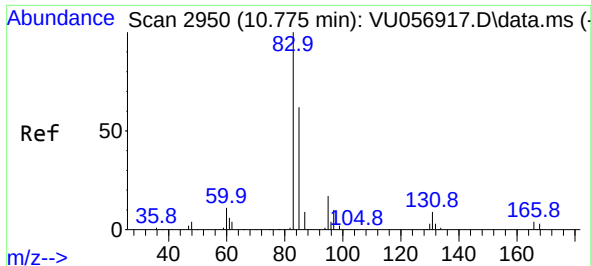
Tgt Ion:106 Resp: 187665
Ion Ratio Lower Upper
106 100
91 230.4 160.2 297.6



#55
Styrene
Concen: 6.076 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.003 min
Lab File: VU056917.D
Acq: 16 Dec 2023 10:19

Tgt Ion:104 Resp: 319414
Ion Ratio Lower Upper
104 100
78 51.2 35.6 66.2

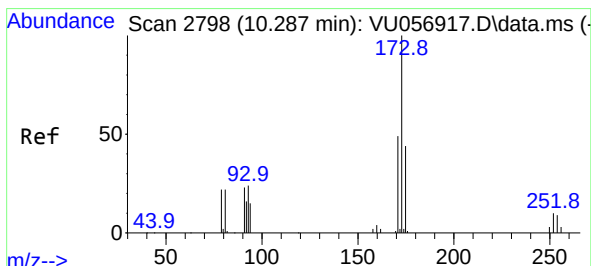
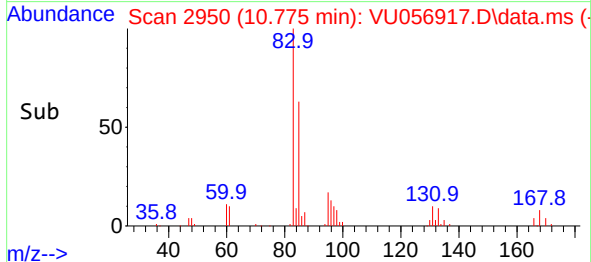
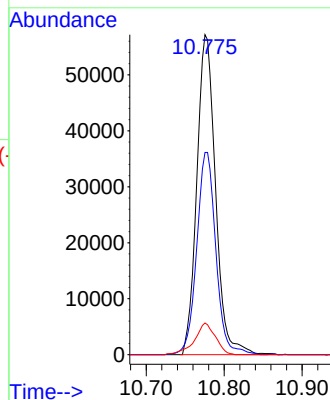
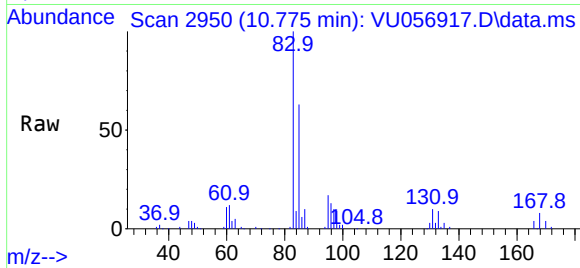




#57
1,1,2,2-Tetrachloroethane
Concen: 5.779 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. -0.003 min
Lab File: VU056917.D
Acq: 16 Dec 2023 10:19

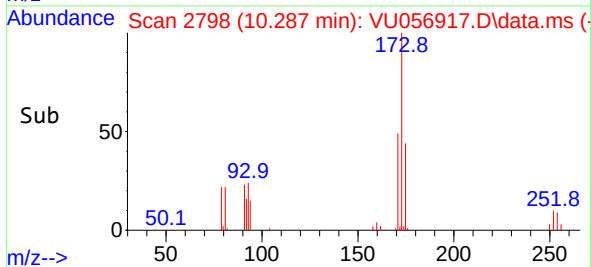
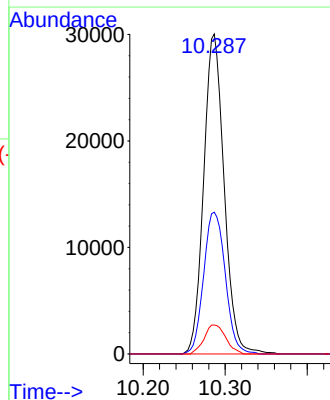
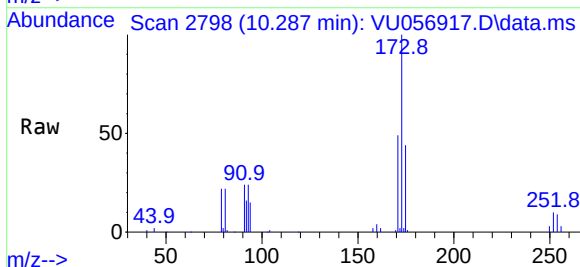
Instrument :
MSVOA_U
ClientSampleId :

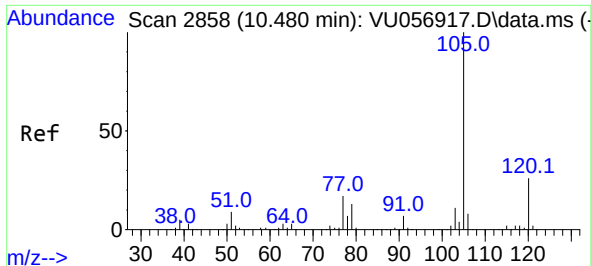
Tgt Ion: 83 Resp: 95413
Ion Ratio Lower Upper
83 100
85 63.2 45.4 84.4
131 9.9 6.6 9.8#



#59
Bromoform
Concen: 5.717 ug/L
RT: 10.287 min Scan# 2798
Delta R.T. 0.000 min
Lab File: VU056917.D
Acq: 16 Dec 2023 10:19

Tgt Ion:173 Resp: 51991
Ion Ratio Lower Upper
173 100
175 46.9 38.2 57.2
254 9.6 7.0 10.4

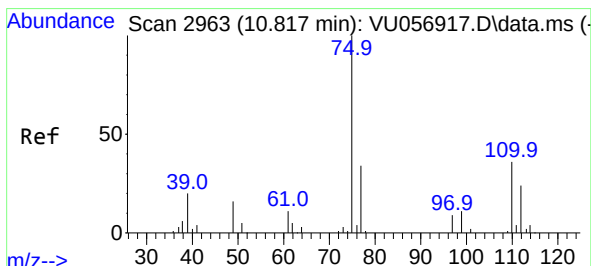
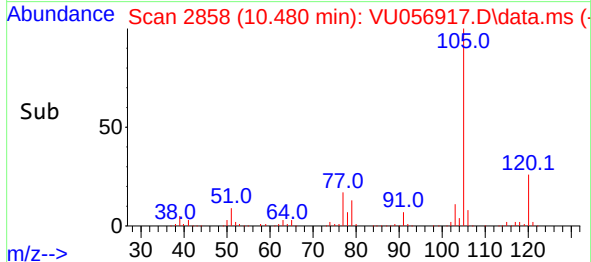
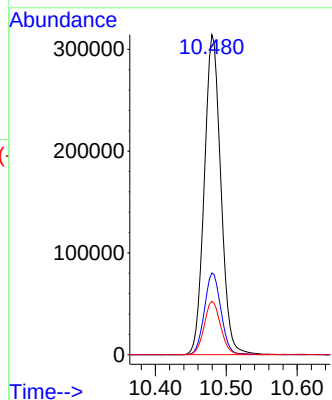
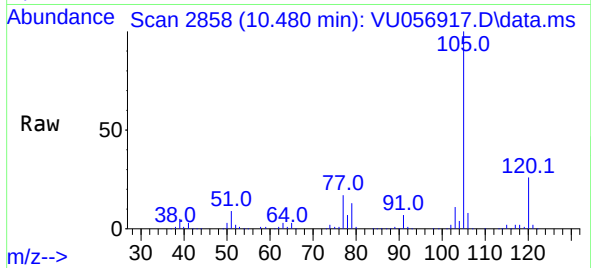




#60
Isopropylbenzene
Concen: 5.790 ug/L
RT: 10.480 min Scan# 2858
Delta R.T. 0.000 min
Lab File: VU056917.D
Acq: 16 Dec 2023 10:19

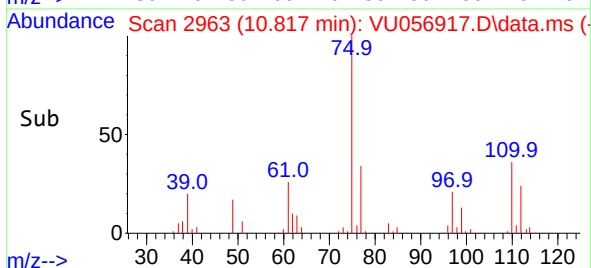
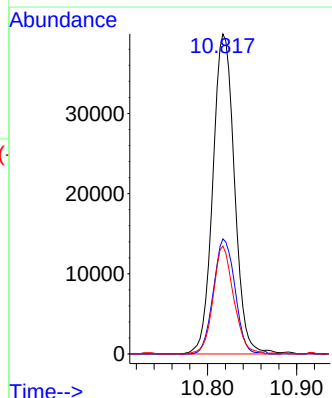
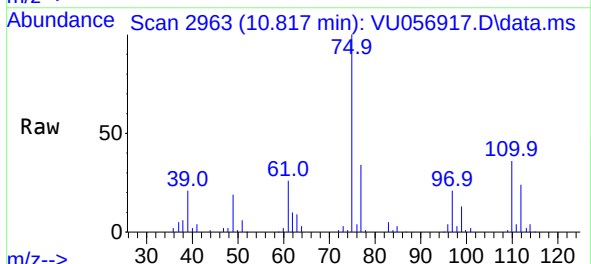
Instrument :
MSVOA_U
ClientSampleId :

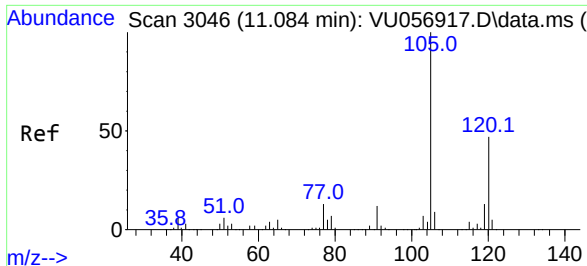
Tgt Ion:105 Resp: 509465
Ion Ratio Lower Upper
105 100
120 25.6 20.1 30.1
77 16.6 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 5.623 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. 0.000 min
Lab File: VU056917.D
Acq: 16 Dec 2023 10:19

Tgt Ion: 75 Resp: 67248
Ion Ratio Lower Upper
75 100
110 35.6 28.4 42.6
77 32.0 26.3 39.5

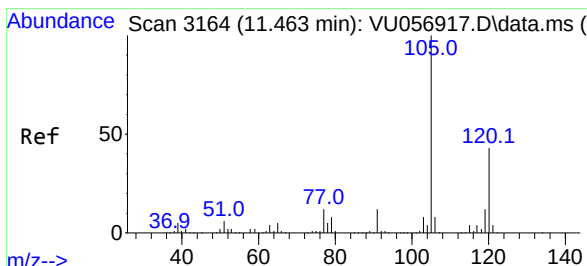
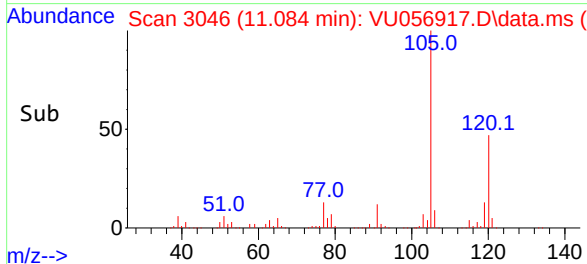
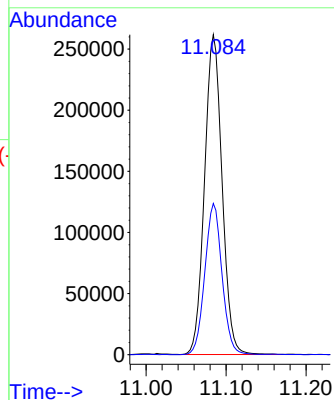
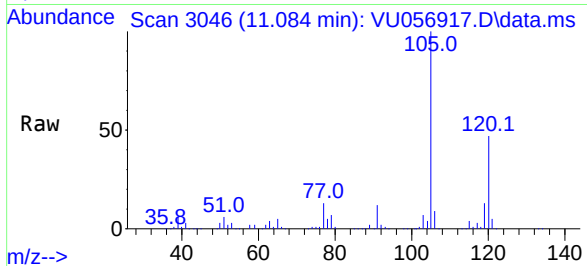




#62
1,3,5-Trimethylbenzene
Concen: 5.549 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. 0.000 min
Lab File: VU056917.D
Acq: 16 Dec 2023 10:19

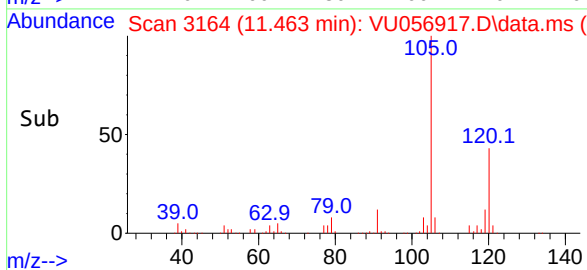
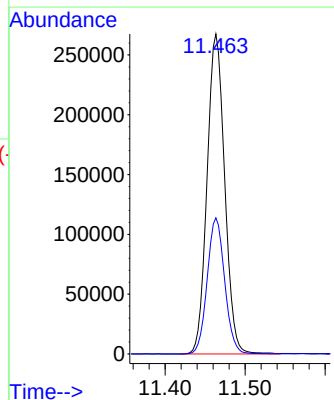
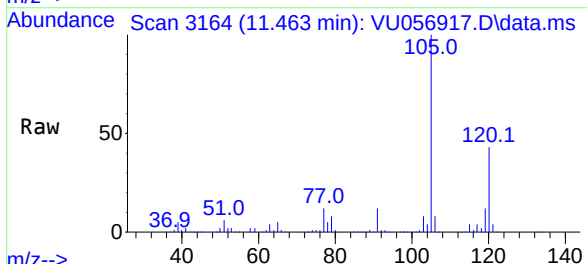
Instrument :
MSVOA_U
ClientSampleId :

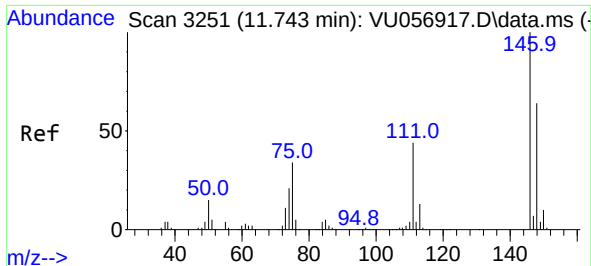
Tgt Ion:105 Resp: 399045
Ion Ratio Lower Upper
105 100
120 46.5 36.8 55.2



#63
1,2,4-Trimethylbenzene
Concen: 5.749 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU056917.D
Acq: 16 Dec 2023 10:19

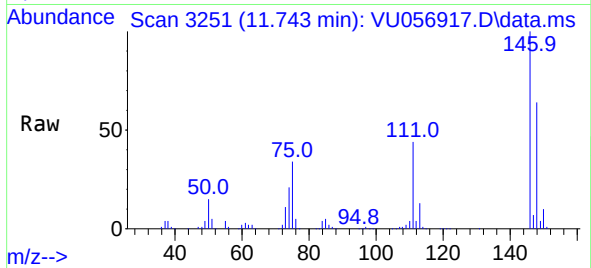
Tgt Ion:105 Resp: 410630
Ion Ratio Lower Upper
105 100
120 42.2 34.2 51.4



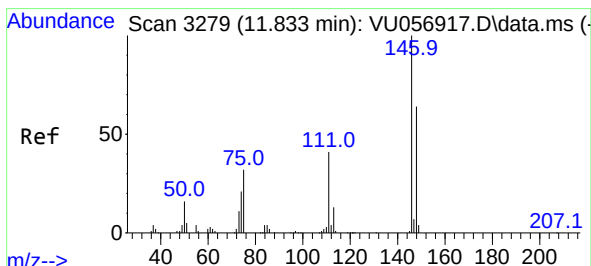
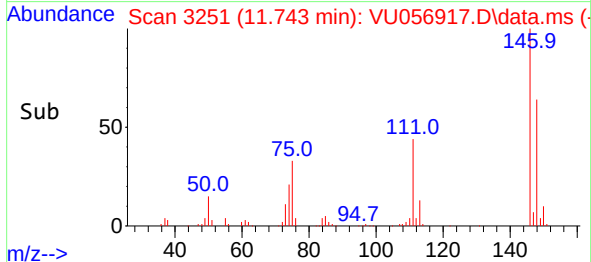
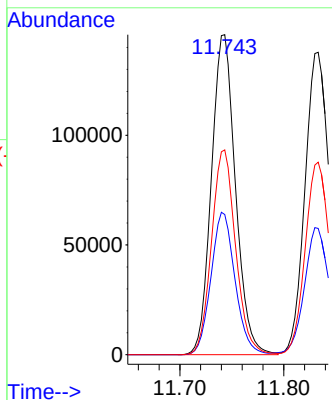


#64
1,3-Dichlorobenzene
Concen: 5.646 ug/L
RT: 11.743 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU056917.D
Acq: 16 Dec 2023 10:19

Instrument :
MSVOA_U
ClientSampleId :

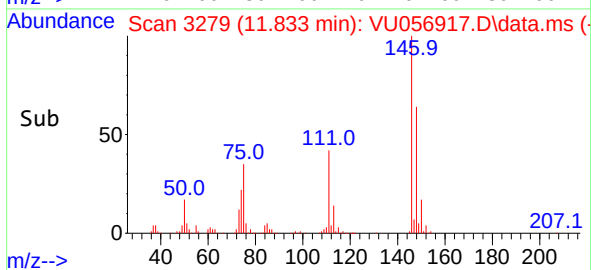
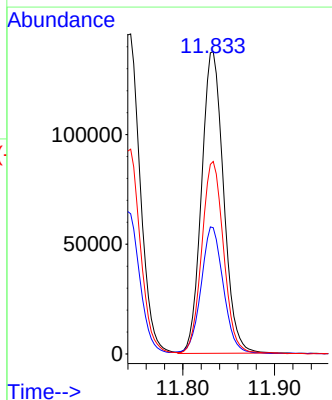
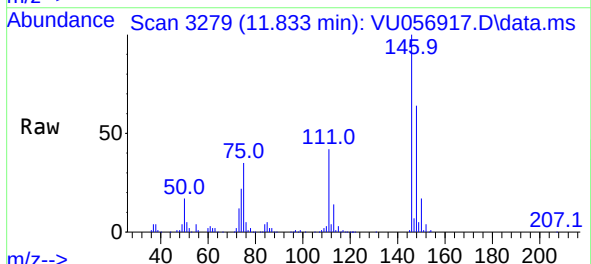


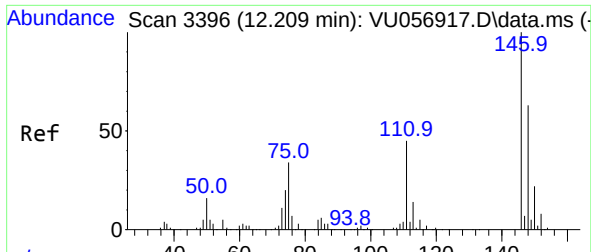
Tgt Ion:146 Resp: 235005
Ion Ratio Lower Upper
146 100
111 43.8 31.7 58.9
148 64.0 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 5.602 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.000 min
Lab File: VU056917.D
Acq: 16 Dec 2023 10:19

Tgt Ion:146 Resp: 229619
Ion Ratio Lower Upper
146 100
111 41.8 31.2 58.0
148 63.7 45.6 84.8





#67

1,2-Dichlorobenzene

Concen: 5.566 ug/L

RT: 12.209 min Scan# 311

Delta R.T. 0.000 min

Lab File: VU056917.D

Acq: 16 Dec 2023 10:19

Instrument :

MSVOA_U

ClientSampleId :

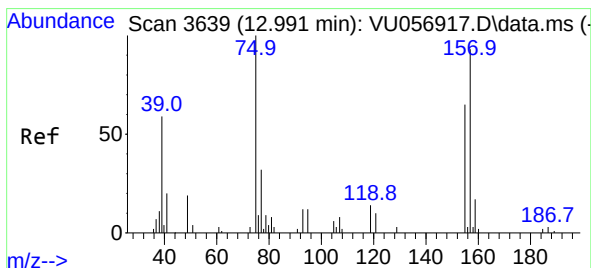
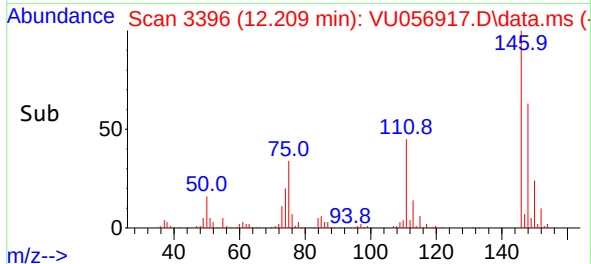
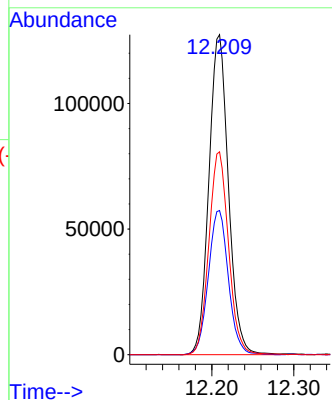
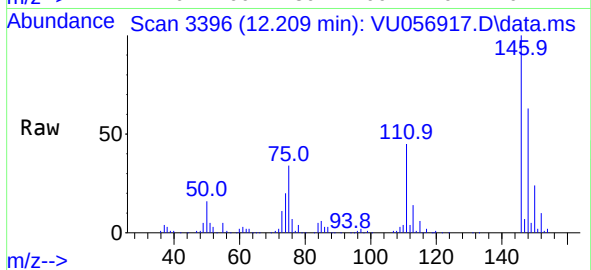
Tgt Ion:146 Resp: 211043

Ion Ratio Lower Upper

146 100

111 45.1 36.9 55.3

148 63.4 53.0 79.4



#68

1,2-Dibromo-3-chloropropane

Concen: 5.431 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU056917.D

Acq: 16 Dec 2023 10:19

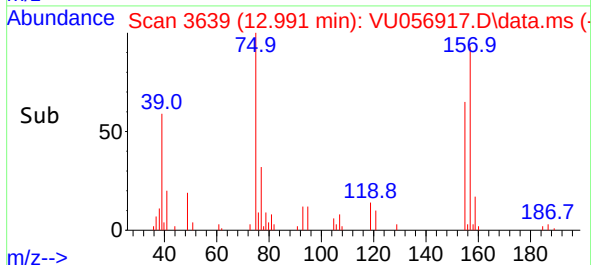
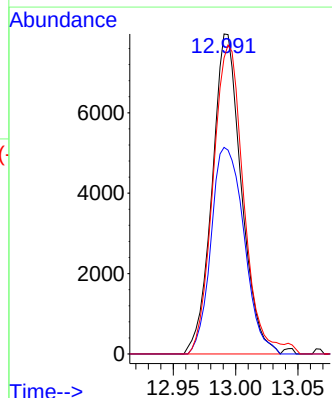
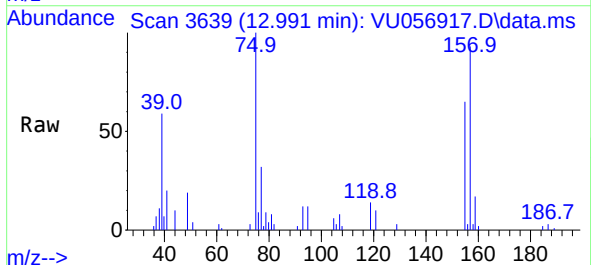
Tgt Ion: 75 Resp: 12966

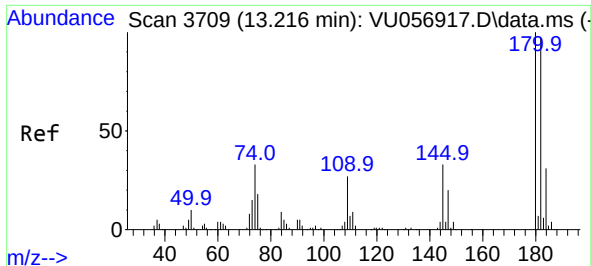
Ion Ratio Lower Upper

75 100

155 64.6 55.4 83.2

157 92.5 77.3 115.9





#69

1,3,5-Trichlorobenzene

Concen: 5.380 ug/L

RT: 13.216 min Scan# 3709

Delta R.T. 0.000 min

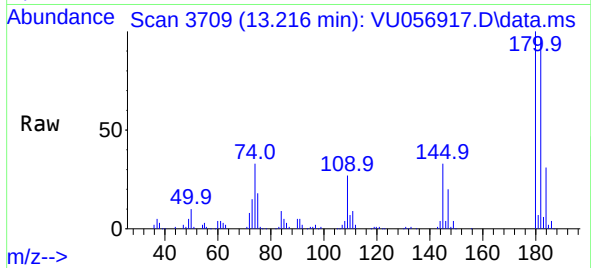
Lab File: VU056917.D

Acq: 16 Dec 2023 10:19

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 169224

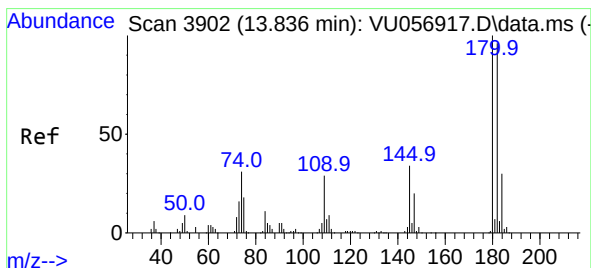
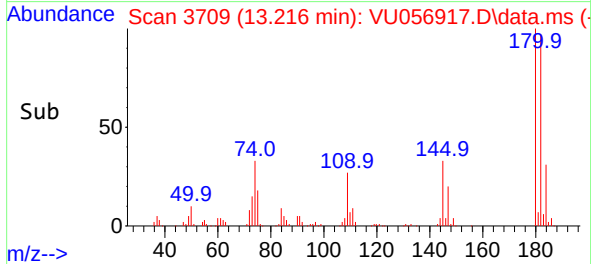
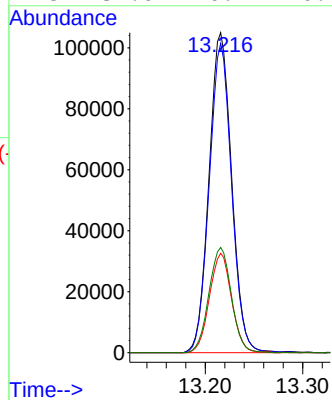
Ion Ratio Lower Upper

180 100

182 95.3 76.2 114.4

184 30.4 24.6 37.0

145 32.6 26.7 40.1



#70

1,2,4-trichlorobenzene

Concen: 4.653 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.000 min

Lab File: VU056917.D

Acq: 16 Dec 2023 10:19

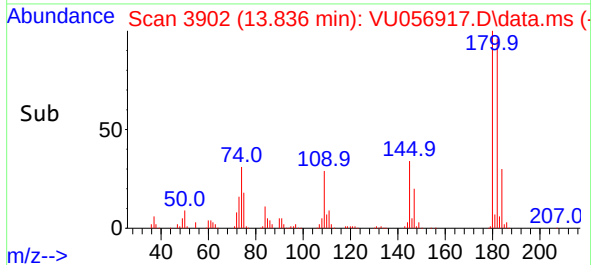
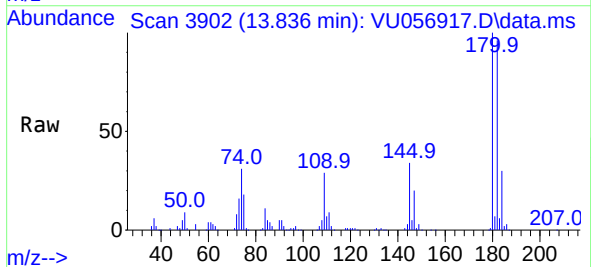
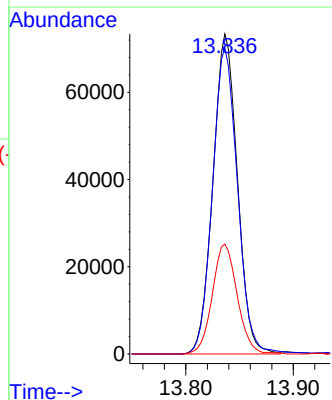
Tgt Ion:180 Resp: 115899

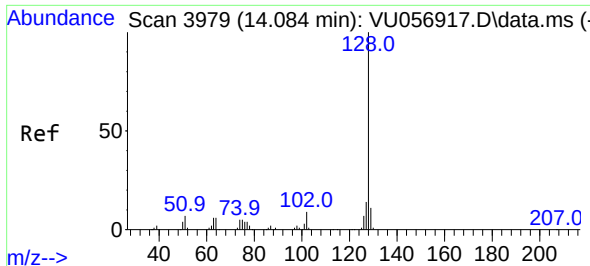
Ion Ratio Lower Upper

180 100

182 98.1 74.3 111.5

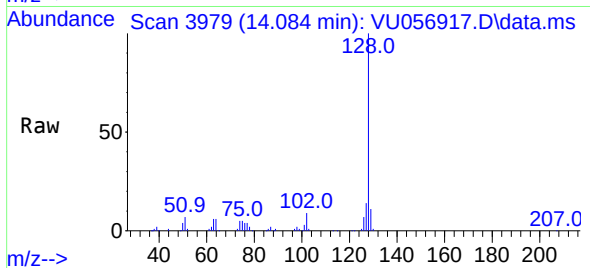
145 35.0 26.7 40.1



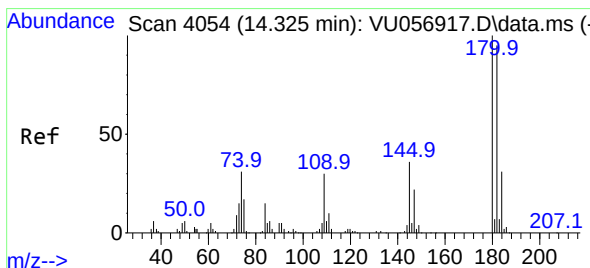
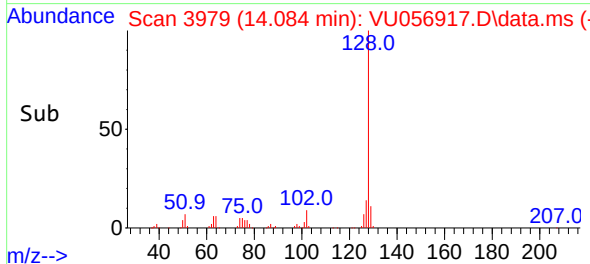
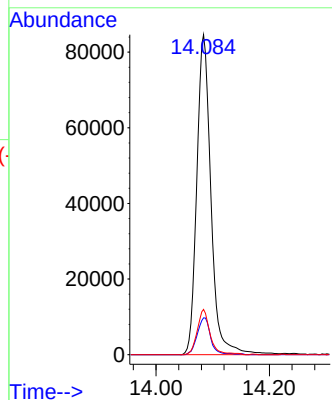


#71
Naphthalene
Concen: 4.032 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. 0.000 min
Lab File: VU056917.D
Acq: 16 Dec 2023 10:19

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 146978
Ion Ratio Lower Upper
128 100
129 10.8 8.6 12.8
127 12.8 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 4.501 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU056917.D
Acq: 16 Dec 2023 10:19

Tgt Ion:180 Resp: 95178
Ion Ratio Lower Upper
180 100
182 97.1 75.0 112.6
145 36.9 28.6 42.8

