

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121123\
 Data File : VU056775.D
 Acq On : 12 Dec 2023 09:37
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.2mL/MSVOA_U/WATER
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 12 11:05:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 12 02:01:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	269310	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	270779	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	129336	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	106291	4.604	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.000%
7) Chloroethane-d5	1.904	69	63014	3.648	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.000%
11) 1,1-Dichloroethene-d2	2.560	65	46936	4.752	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.000%
20) 2-Butanone-d5	4.621	46	227388	49.879	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.760%
24) Chloroform-d	5.055	84	209005	4.781	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
26) 1,2-Dichloroethane-d4	5.695	65	98315	4.753	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
32) Benzene-d6	5.721	84	401650	4.782	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
36) 1,2-Dichloropropane-d6	6.682	67	124234	4.726	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.600%
41) Toluene-d8	7.894	98	359452	4.788	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
43) trans-1,3-Dichloroprop...	8.177	79	48553	4.763	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.200%
46) 2-Hexanone-d5	8.640	63	199600	51.912	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.820%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	91598	4.816	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	118429	4.658	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	134250	4.757	ug/L	98
3) Chloromethane	1.515	50	136282	4.911	ug/L	100
5) Vinyl chloride	1.602	62	133176	4.833	ug/L	98
6) Bromomethane	1.853	94	61278	3.772	ug/L	96
8) Chloroethane	1.923	64	55508	3.439	ug/L	94
9) Trichlorofluoromethane	2.126	101	185790	4.784	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	116091	4.874	ug/L	99
12) 1,1-Dichloroethene	2.570	96	105012	4.803	ug/L	96
13) Acetone	2.631	43	134407	48.379	ug/L	98
14) Carbon disulfide	2.785	76	352924	4.652	ug/L	98
15) Methyl Acetate	2.946	43	35568	4.703	ug/L	98
16) Methylene chloride	3.039	84	115602	4.853	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	236366	4.875	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	110274	4.974	ug/L	97
19) 1,1-Dichloroethane	3.859	63	205579	4.821	ug/L	99
21) 2-Butanone	4.701	43	223201	47.640	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	117806	4.885	ug/L	99
23) Bromochloromethane	4.965	128	48816	4.835	ug/L	98
25) Chloroform	5.078	83	215545	4.825	ug/L	98

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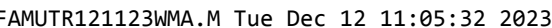
Instrument :
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 ClientSampleId :

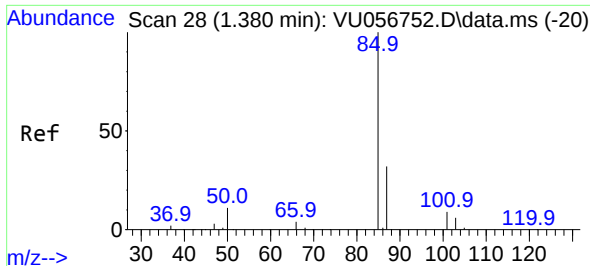
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	125325	4.744	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	188256	4.810	ug/L	99
30) Cyclohexane	5.380	56	181495	4.941	ug/L	99
31) Carbon tetrachloride	5.518	117	158379	4.655	ug/L	97
33) Benzene	5.766	78	467347	4.911	ug/L	100
34) Trichloroethene	6.537	95	122916	4.709	ug/L	100
35) Methylcyclohexane	6.756	83	186420	4.839	ug/L	99
37) 1,2-Dichloropropane	6.785	63	116838	4.800	ug/L	100
38) Bromodichloromethane	7.100	83	145310	4.681	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	170823	4.815	ug/L	99
40) 4-Methyl-2-pentanone	7.791	43	575778	49.811	ug/L	99
42) Toluene	7.965	91	496432	5.042	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	140302	4.825	ug/L	97
45) 1,1,2-Trichloroethane	8.396	97	79022	4.802	ug/L	99
47) Tetrachloroethene	8.547	164	88765	4.859	ug/L	99
48) 2-Hexanone	8.692	43	416715	50.617	ug/L	98
49) Dibromochloromethane	8.804	129	90516	4.785	ug/L	98
50) 1,2-Dibromoethane	8.920	107	73491	4.812	ug/L	97
51) Chlorobenzene	9.444	112	309985	4.939	ug/L	99
52) Ethylbenzene	9.566	91	541346	4.984	ug/L	100
53) m,p-Xylene	9.692	106	208067	5.142	ug/L	97
54) o-Xylene	10.097	106	196601	5.099	ug/L	96
55) Styrene	10.113	104	324996	5.134	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.782	83	97980	4.928	ug/L	99
59) Bromoform	10.290	173	50456	4.778	ug/L	98
60) Isopropylbenzene	10.479	105	525837	5.146	ug/L	100
61) 1,2,3-Trichloropropane	10.820	75	67364	4.851	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	434729	5.205	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	436516	5.263	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	232291	4.806	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	223188	4.689	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	203118	4.613	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.990	75	13265	4.784	ug/L	90
69) 1,3,5-Trichlorobenzene	13.216	180	171150	4.686	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	136761	4.728	ug/L	98
71) Naphthalene	14.084	128	195732	4.624	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	113410	4.619	ug/L	99

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

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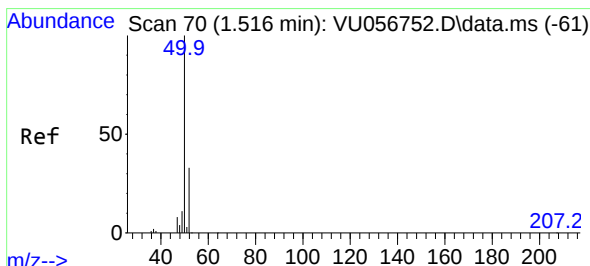
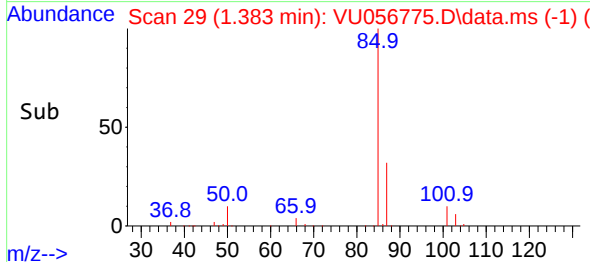
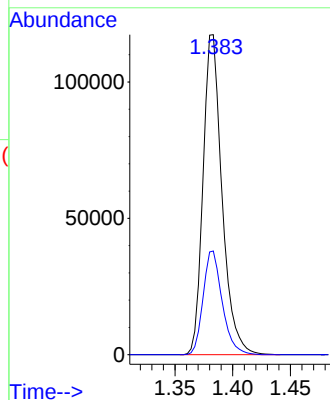
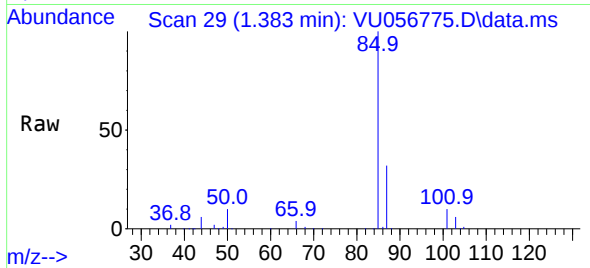




#2
 Dichlorodifluoromethane
 Concen: 4.757 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.003 min
 Lab File: VU056775.D
 Acq: 12 Dec 2023 09:37

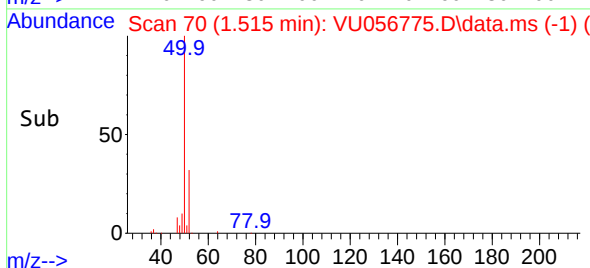
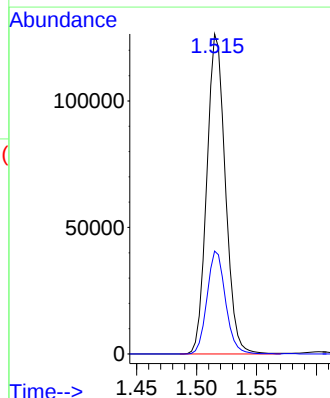
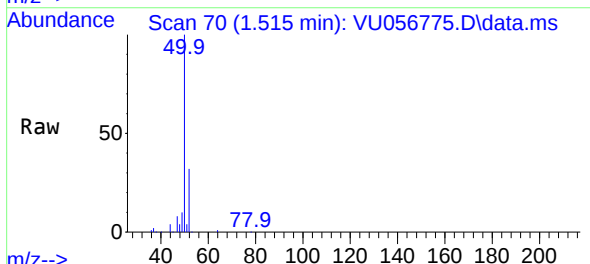
Instrument :
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 ClientSampleId :

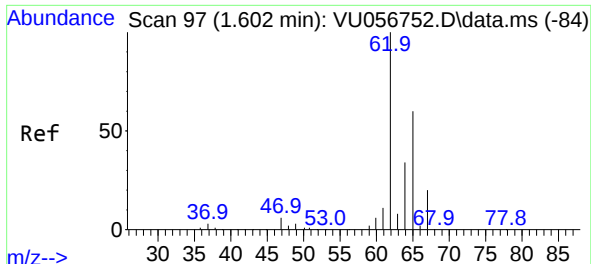
Tgt Ion: 85 Resp: 134250
 Ion Ratio Lower Upper
 85 100
 87 32.6 26.8 40.2



#3
 Chloromethane
 Concen: 4.911 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.001 min
 Lab File: VU056775.D
 Acq: 12 Dec 2023 09:37

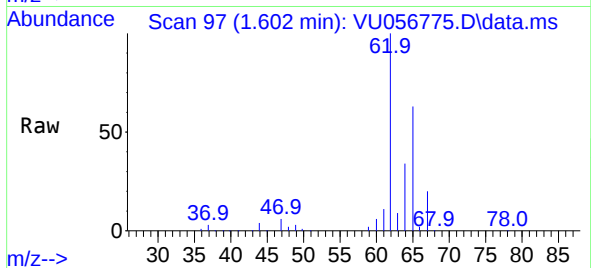
Tgt Ion: 50 Resp: 136282
 Ion Ratio Lower Upper
 50 100
 52 32.1 22.5 41.7



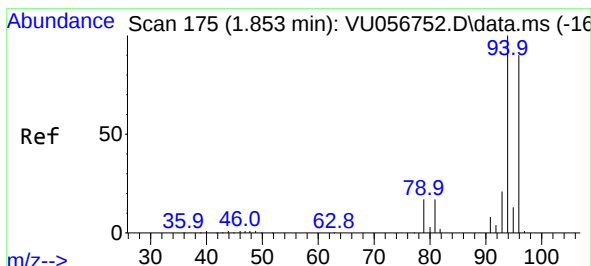
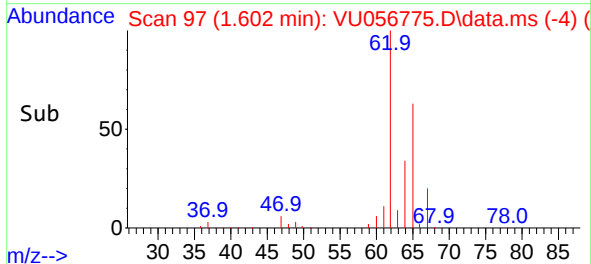
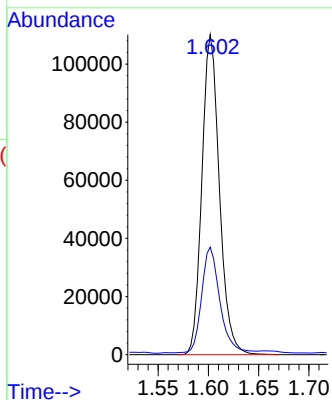


#5
 Vinyl chloride
 Concen: 4.833 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.001 min
 Lab File: VU056775.D
 Acq: 12 Dec 2023 09:37

Instrument :
 MSVOA_U
 ClientSampleId :

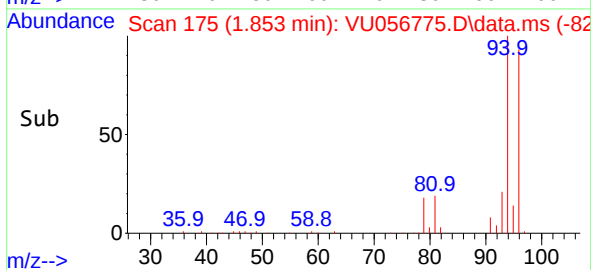
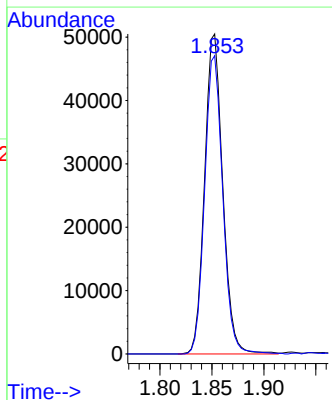
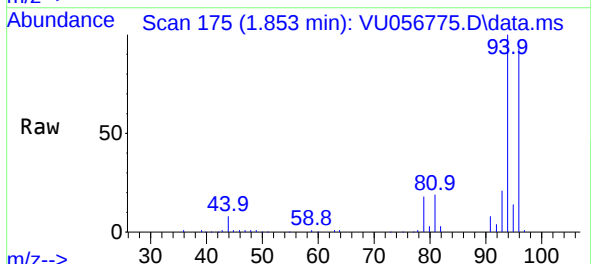


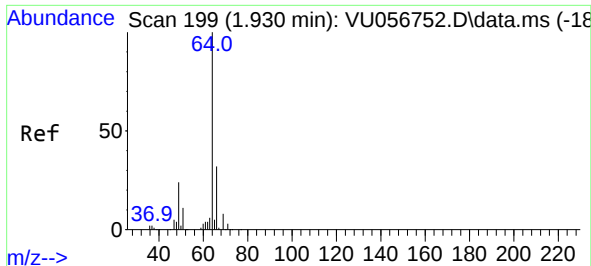
Tgt Ion: 62 Resp: 133176
 Ion Ratio Lower Upper
 62 100
 64 33.6 22.8 42.4



#6
 Bromomethane
 Concen: 3.772 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. -0.000 min
 Lab File: VU056775.D
 Acq: 12 Dec 2023 09:37

Tgt Ion: 94 Resp: 61278
 Ion Ratio Lower Upper
 94 100
 96 93.2 67.8 125.8

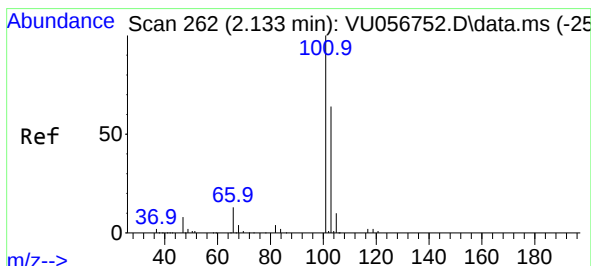
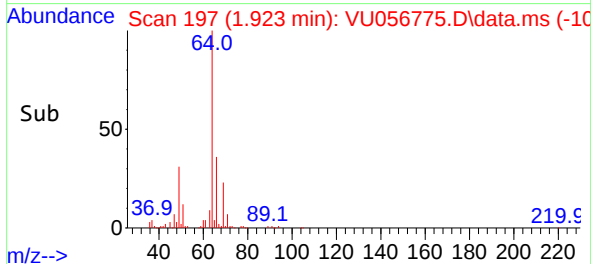
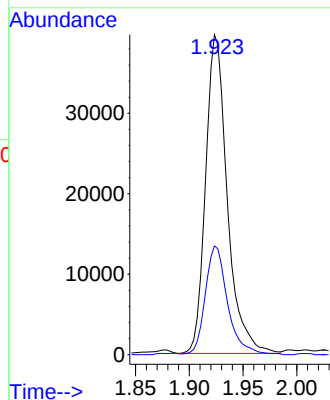
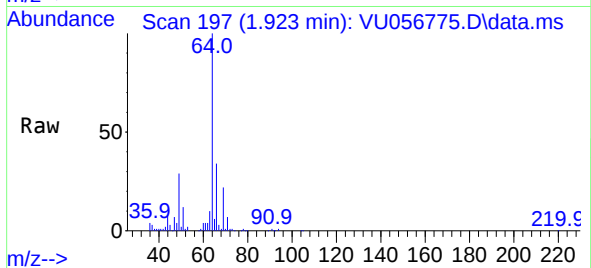




#8
Chloroethane
Concen: 3.439 ug/L
RT: 1.923 min Scan# 19
Delta R.T. -0.007 min
Lab File: VU056775.D
Acq: 12 Dec 2023 09:37

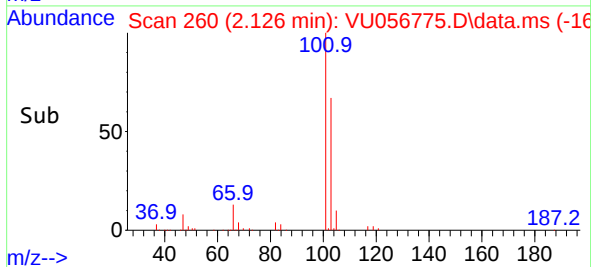
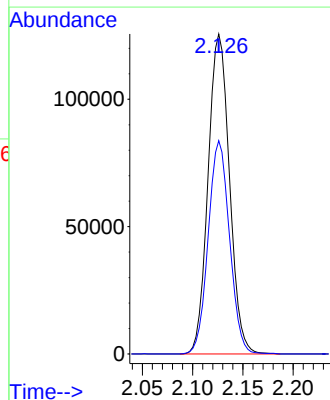
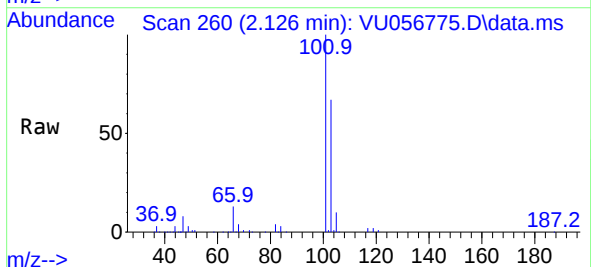
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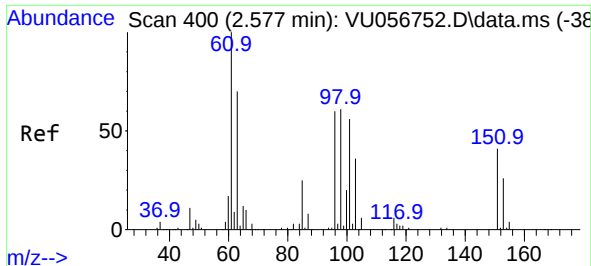
Tgt Ion: 64 Resp: 55508
Ion Ratio Lower Upper
64 100
66 34.0 21.4 39.8



#9
Trichlorofluoromethane
Concen: 4.784 ug/L
RT: 2.126 min Scan# 260
Delta R.T. -0.007 min
Lab File: VU056775.D
Acq: 12 Dec 2023 09:37

Tgt Ion:101 Resp: 185790
Ion Ratio Lower Upper
101 100
103 66.4 51.4 77.2

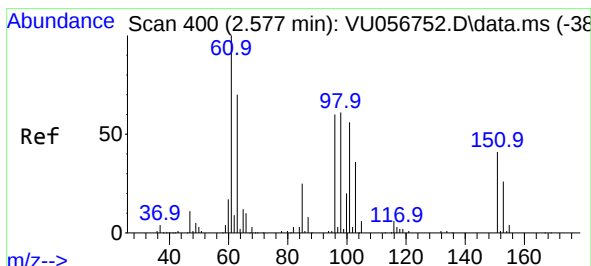
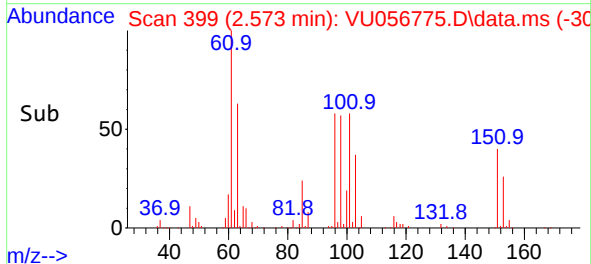
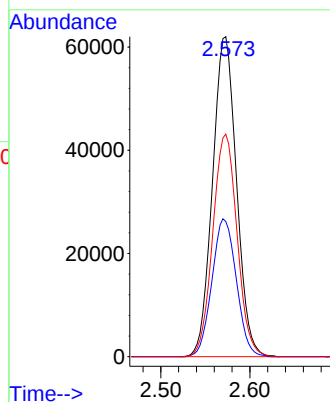
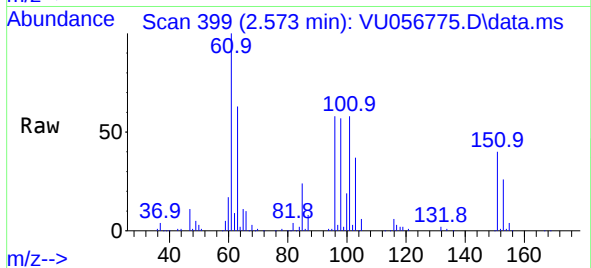




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.874 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.004 min
Lab File: VU056775.D
Acq: 12 Dec 2023 09:37

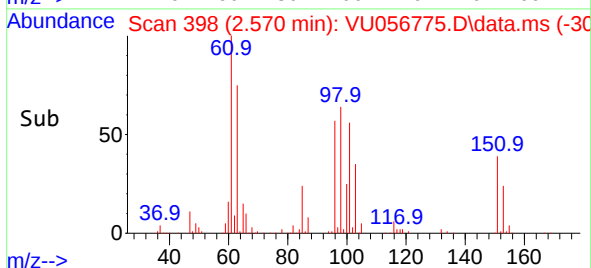
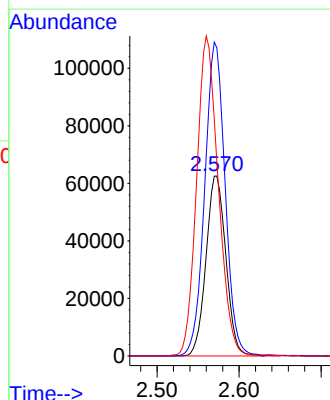
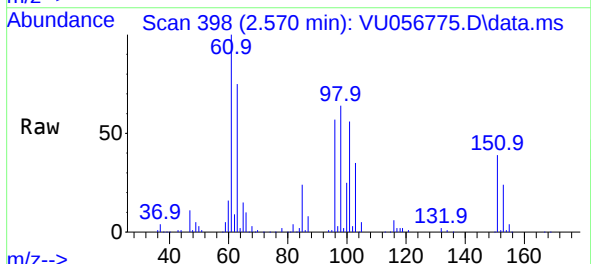
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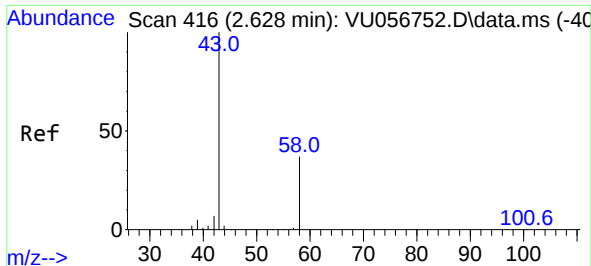
Tgt Ion:101 Resp: 116091
Ion Ratio Lower Upper
101 100
85 43.8 35.2 52.8
151 70.5 56.0 84.0



#12
1,1-Dichloroethene
Concen: 4.803 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.007 min
Lab File: VU056775.D
Acq: 12 Dec 2023 09:37

Tgt Ion: 96 Resp: 105012
Ion Ratio Lower Upper
96 100
61 174.5 119.0 221.0
63 131.6 88.7 164.7

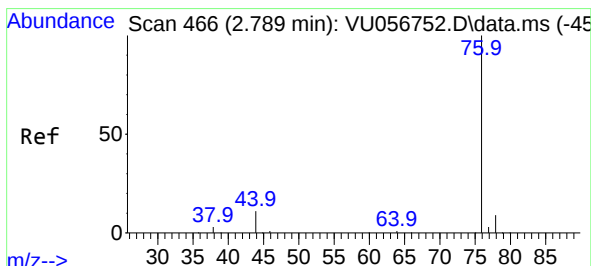
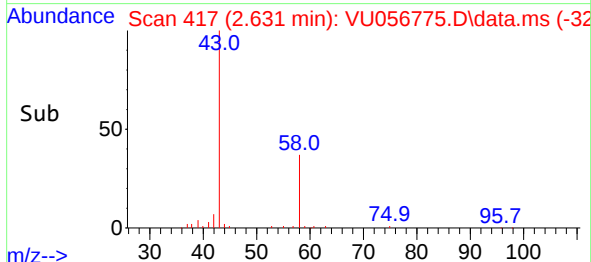
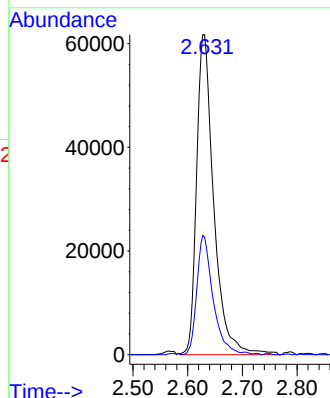
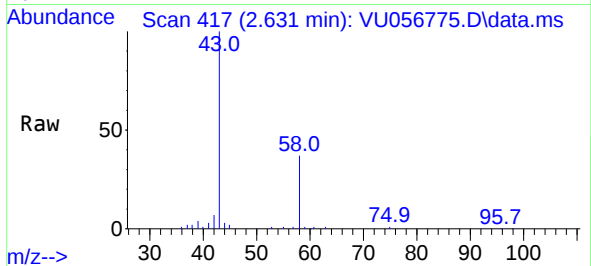




#13
Acetone
Concen: 48.379 ug/L
RT: 2.631 min Scan# 416
Delta R.T. 0.003 min
Lab File: VU056775.D
Acq: 12 Dec 2023 09:37

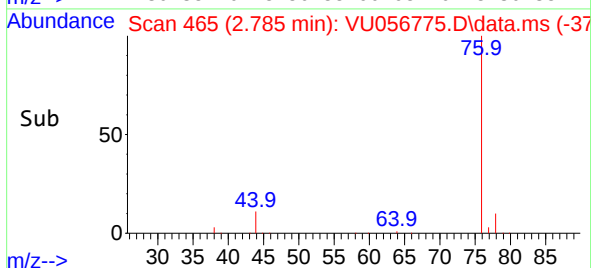
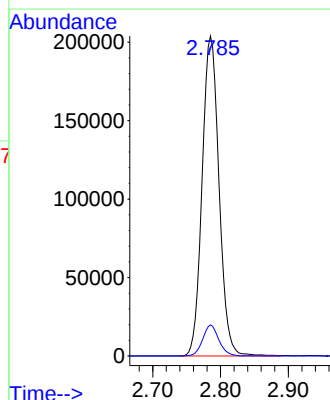
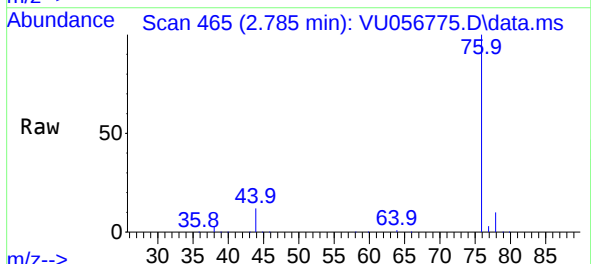
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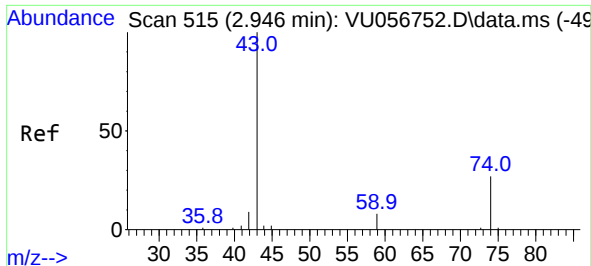
Tgt Ion: 43 Resp: 134407
Ion Ratio Lower Upper
43 100
58 35.0 0.0 72.6



#14
Carbon disulfide
Concen: 4.652 ug/L
RT: 2.785 min Scan# 465
Delta R.T. -0.004 min
Lab File: VU056775.D
Acq: 12 Dec 2023 09:37

Tgt Ion: 76 Resp: 352924
Ion Ratio Lower Upper
76 100
78 9.7 7.3 10.9

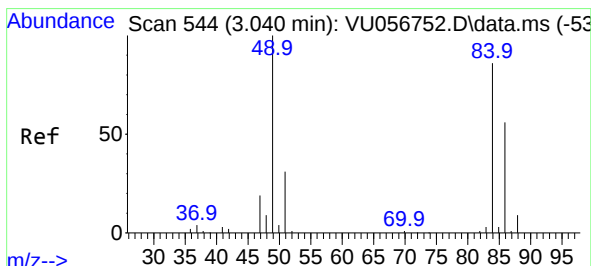
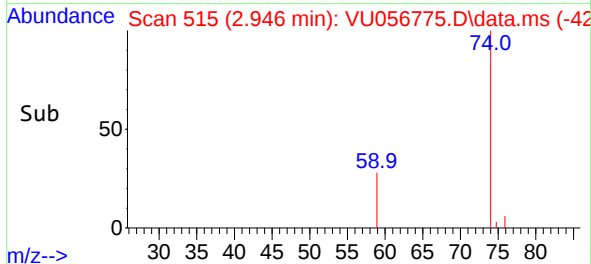
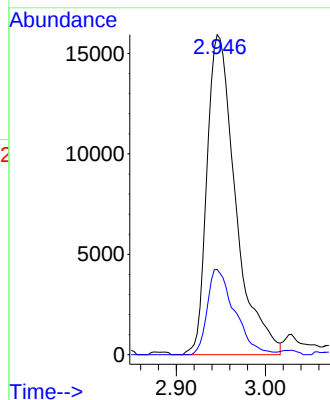
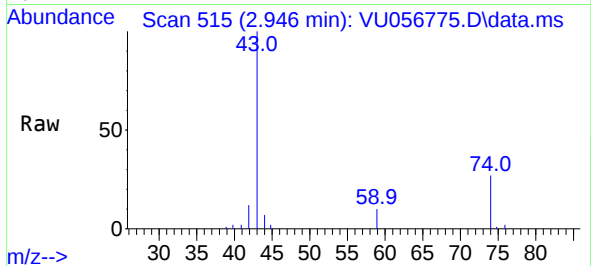




#15
Methyl Acetate
Concen: 4.703 ug/L
RT: 2.946 min Scan# 515
Delta R.T. -0.001 min
Lab File: VU056775.D
Acq: 12 Dec 2023 09:37

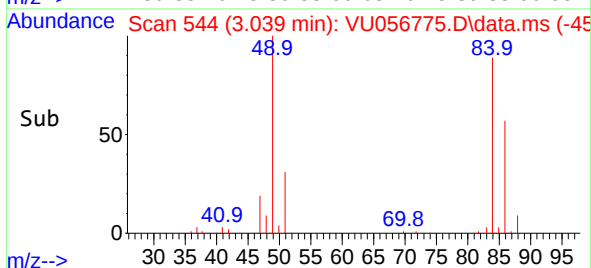
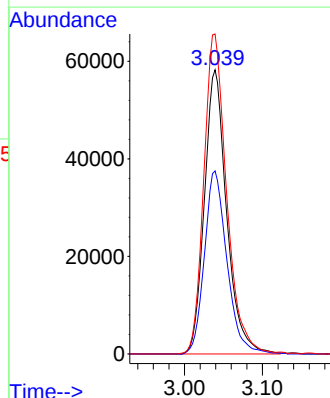
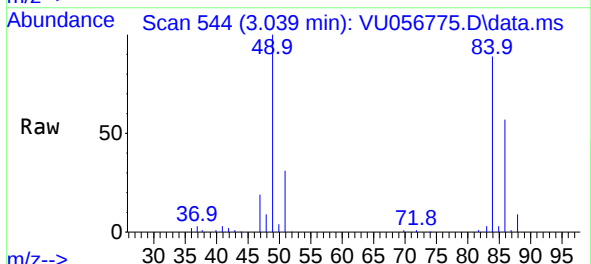
Instrument :
MSVOA_U
ClientSampleId :

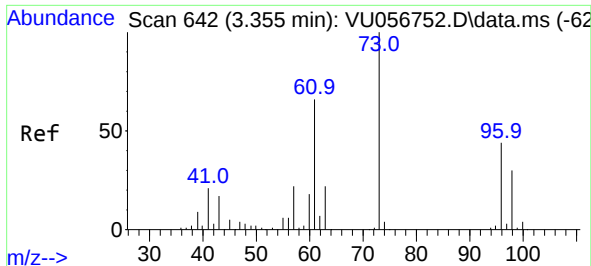
Tgt Ion: 43 Resp: 35568
Ion Ratio Lower Upper
43 100
74 25.4 21.0 31.6



#16
Methylene chloride
Concen: 4.853 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.001 min
Lab File: VU056775.D
Acq: 12 Dec 2023 09:37

Tgt Ion: 84 Resp: 115602
Ion Ratio Lower Upper
84 100
86 64.4 43.6 81.0
49 112.6 80.6 149.6





#17

Methyl tert-butyl Ether

Concen: 4.875 ug/L

RT: 3.354 min Scan# 642

Delta R.T. -0.001 min

Lab File: VU056775.D

Acq: 12 Dec 2023 09:37

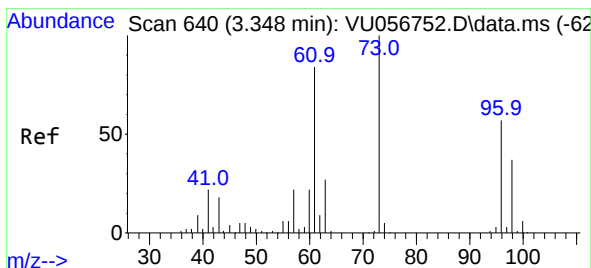
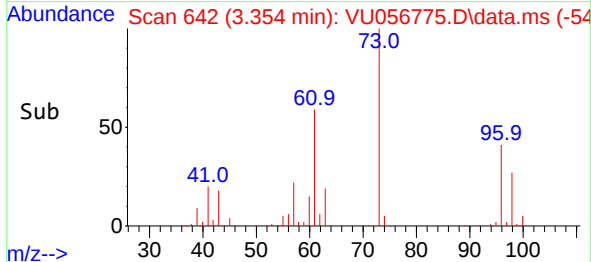
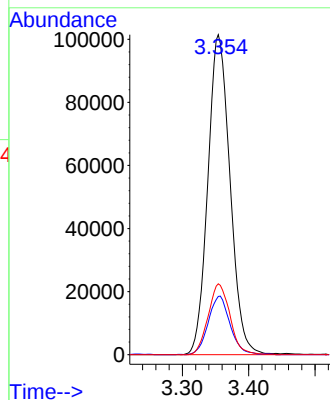
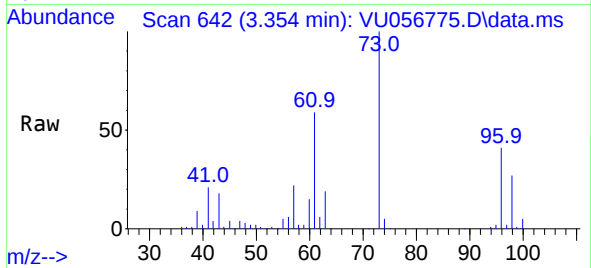
Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 73 Resp: 236366

Ion	Ratio	Lower	Upper
73	100		
43	17.9	14.4	21.6
57	21.7	17.8	26.8



#18

trans-1,2-Dichloroethene

Concen: 4.974 ug/L

RT: 3.345 min Scan# 639

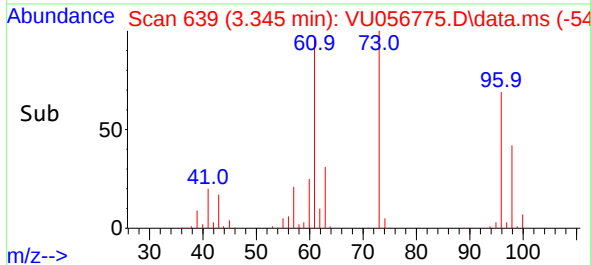
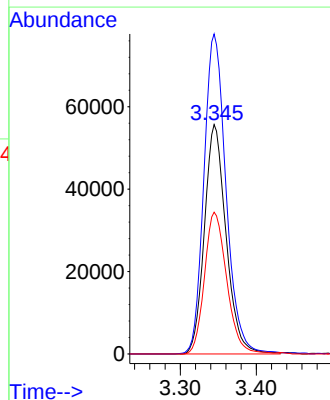
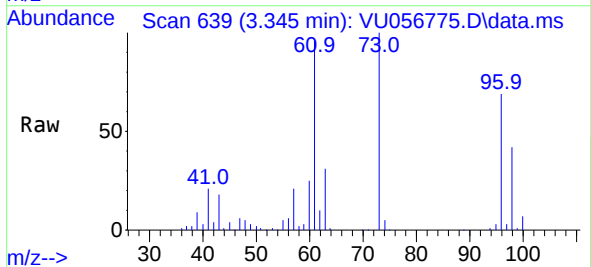
Delta R.T. -0.004 min

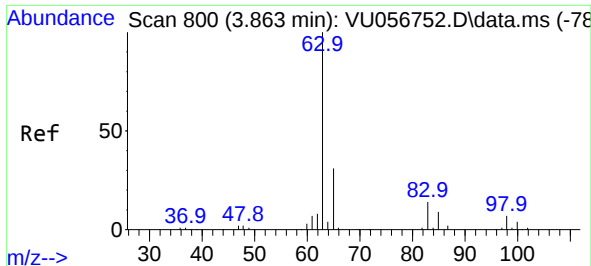
Lab File: VU056775.D

Acq: 12 Dec 2023 09:37

Tgt Ion: 96 Resp: 110274

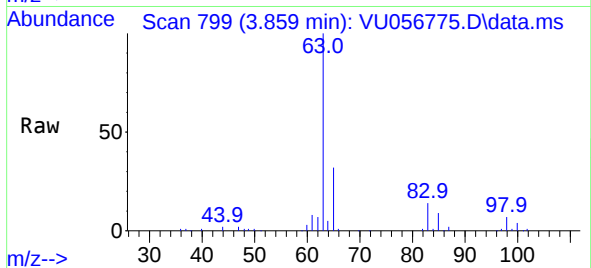
Ion	Ratio	Lower	Upper
96	100		
61	139.5	101.8	189.0
98	61.8	43.0	79.8



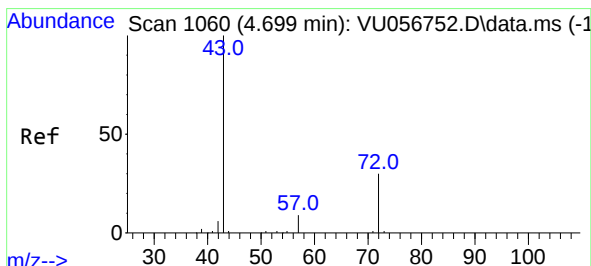
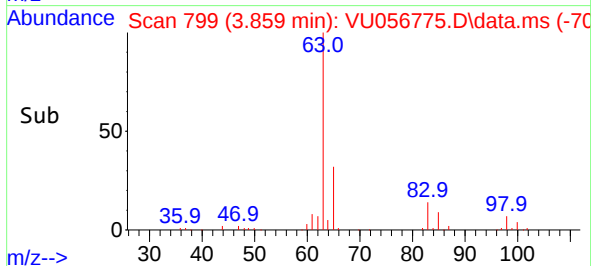
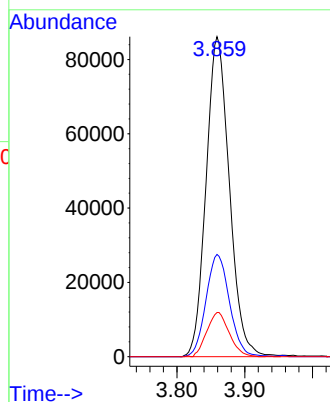


#19
1,1-Dichloroethane
Concen: 4.821 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.004 min
Lab File: VU056775.D
Acq: 12 Dec 2023 09:37

Instrument :
MSVOA_U
ClientSampleId :

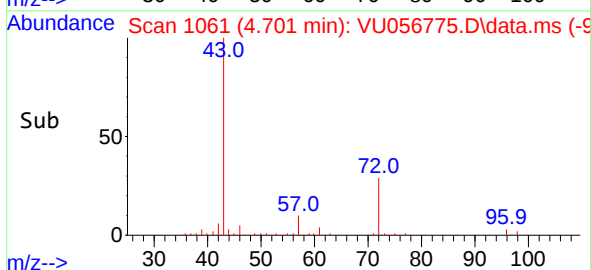
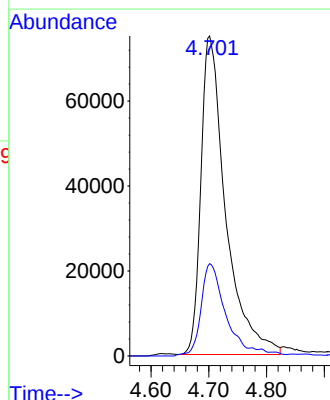
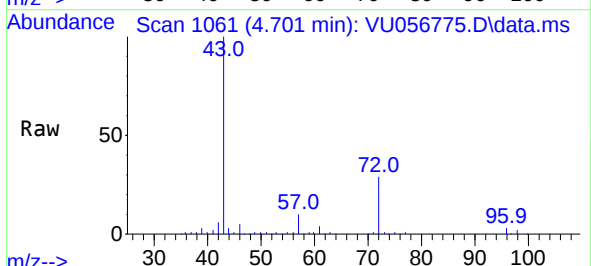


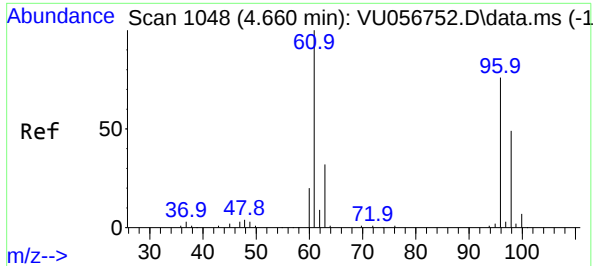
Tgt Ion: 63 Resp: 205579
Ion Ratio Lower Upper
63 100
65 31.9 22.9 42.5
83 13.8 10.1 18.9



#21
2-Butanone
Concen: 47.640 ug/L
RT: 4.701 min Scan# 1061
Delta R.T. 0.003 min
Lab File: VU056775.D
Acq: 12 Dec 2023 09:37

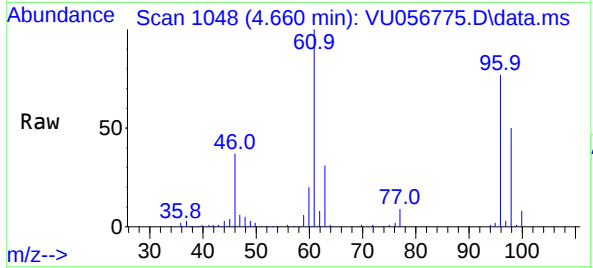
Tgt Ion: 43 Resp: 223201
Ion Ratio Lower Upper
43 100
72 27.6 14.6 43.8





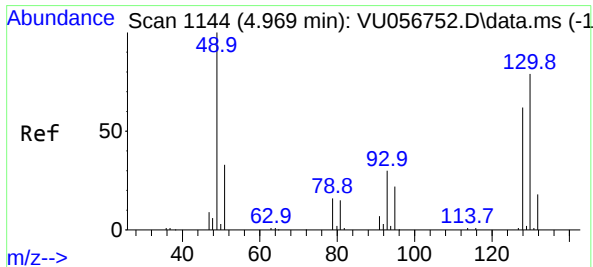
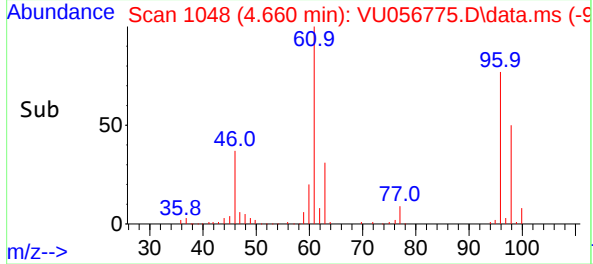
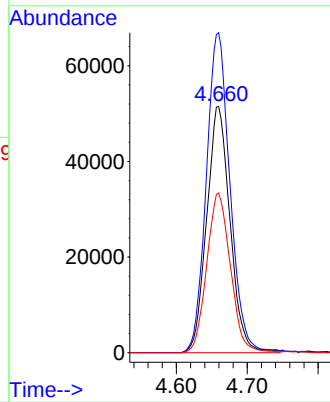
#22
cis-1,2-Dichloroethene
Concen: 4.885 ug/L
RT: 4.660 min Scan# 110
Delta R.T. -0.001 min
Lab File: VU056775.D
Acq: 12 Dec 2023 09:37

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 96 Resp: 117806

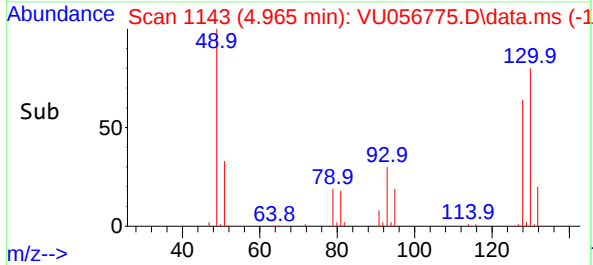
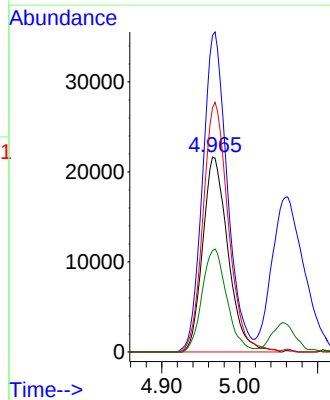
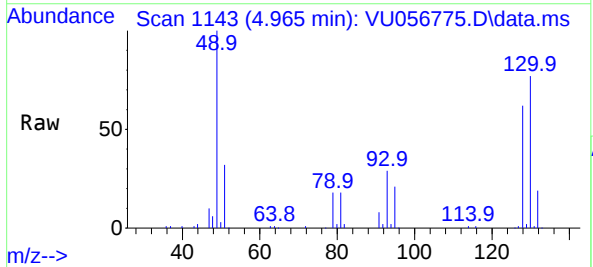
Ion	Ratio	Lower	Upper
96	100		
61	129.9	91.3	169.6
98	64.8	44.2	82.0

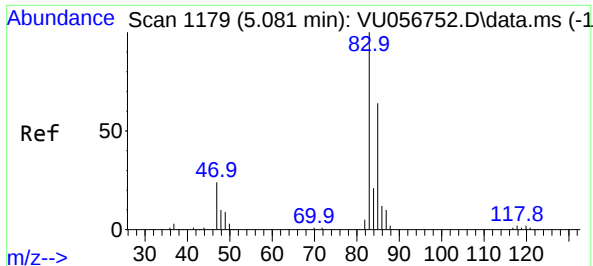


#23
Bromochloromethane
Concen: 4.835 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. -0.004 min
Lab File: VU056775.D
Acq: 12 Dec 2023 09:37

Tgt Ion: 128 Resp: 48816

Ion	Ratio	Lower	Upper
128	100		
49	162.5	113.8	211.3
130	125.4	90.6	168.3
51	51.9	43.7	65.5





#25

Chloroform

Concen: 4.825 ug/L

RT: 5.078 min Scan# 1179

Delta R.T. -0.004 min

Lab File: VU056775.D

Acq: 12 Dec 2023 09:37

Instrument :

MSVOA_U

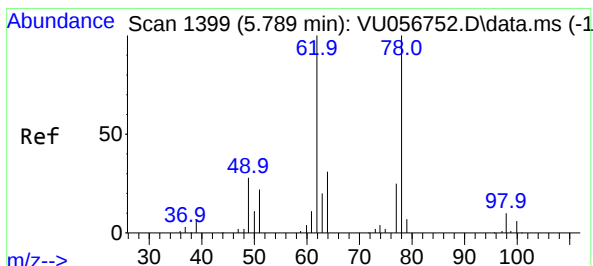
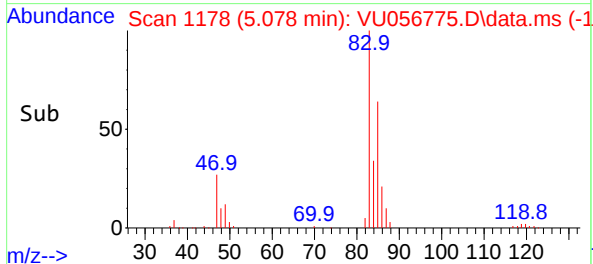
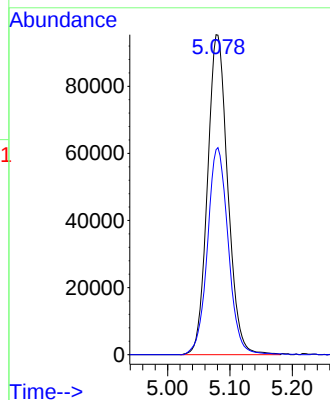
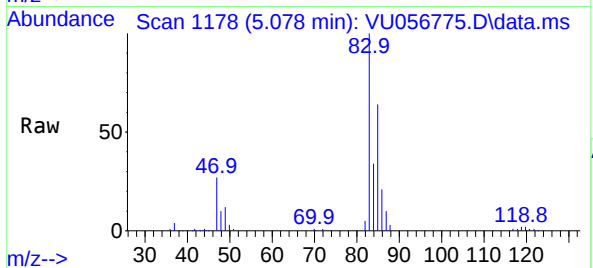
ClientSampleId :

Tgt Ion: 83 Resp: 215545

Ion Ratio Lower Upper

83 100

85 64.1 45.8 85.0



#27

1,2-Dichloroethane

Concen: 4.744 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. -0.001 min

Lab File: VU056775.D

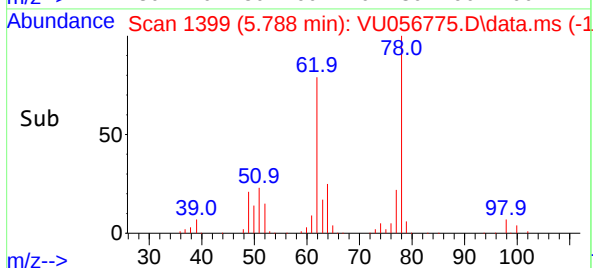
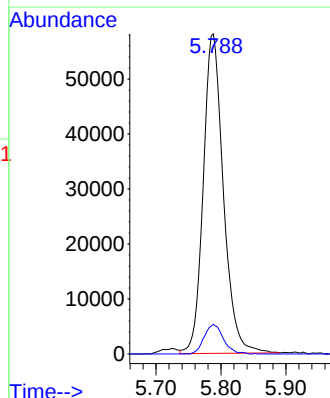
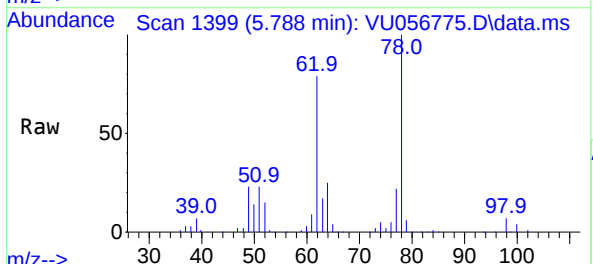
Acq: 12 Dec 2023 09:37

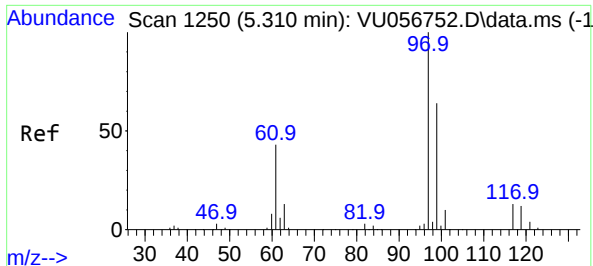
Tgt Ion: 62 Resp: 125325

Ion Ratio Lower Upper

62 100

98 9.2 7.8 11.6

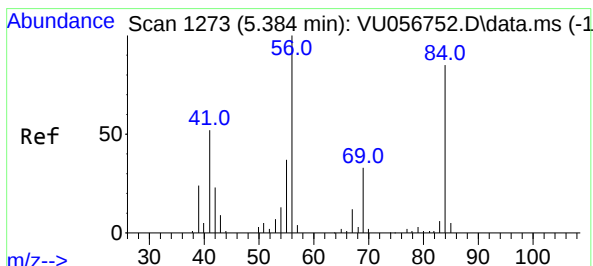
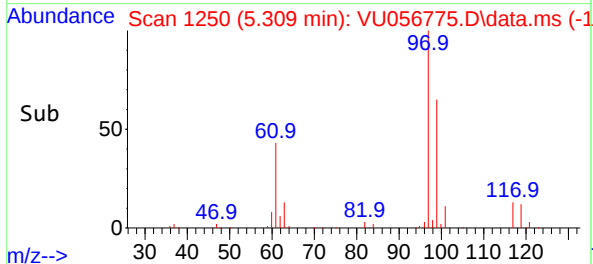
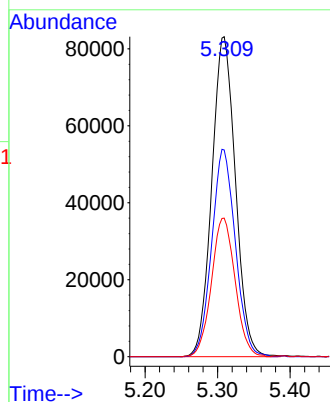
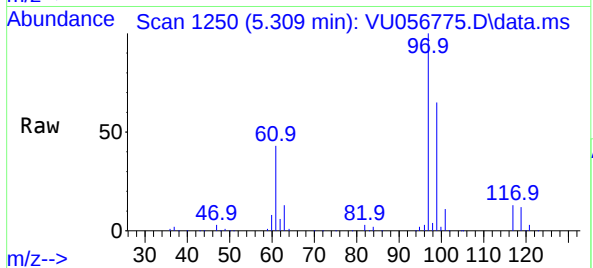




#29
1,1,1-Trichloroethane
Concen: 4.810 ug/L
RT: 5.309 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU056775.D
Acq: 12 Dec 2023 09:37

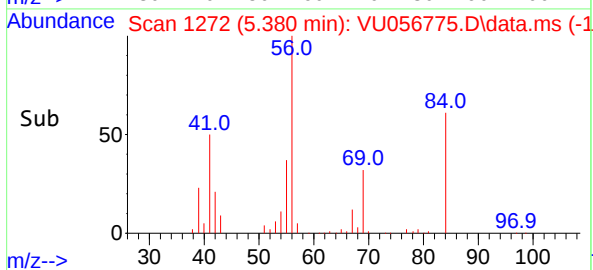
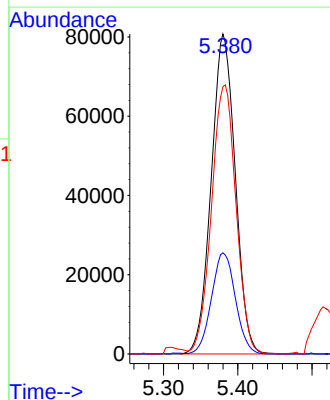
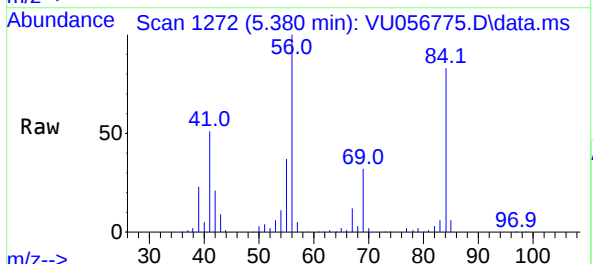
Instrument :
MSVOA_U
ClientSampleId :

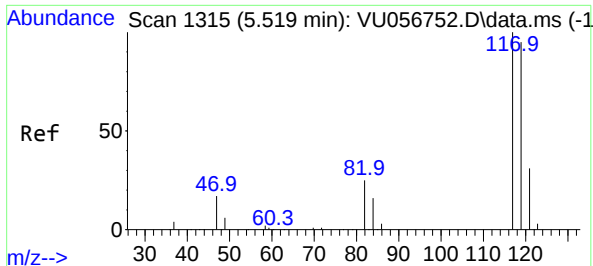
Tgt Ion: 97 Resp: 188256
Ion Ratio Lower Upper
97 100
99 64.9 52.5 78.7
61 43.4 34.2 51.2



#30
Cyclohexane
Concen: 4.941 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.004 min
Lab File: VU056775.D
Acq: 12 Dec 2023 09:37

Tgt Ion: 56 Resp: 181495
Ion Ratio Lower Upper
56 100
69 31.5 24.9 37.3
84 85.8 67.6 101.4

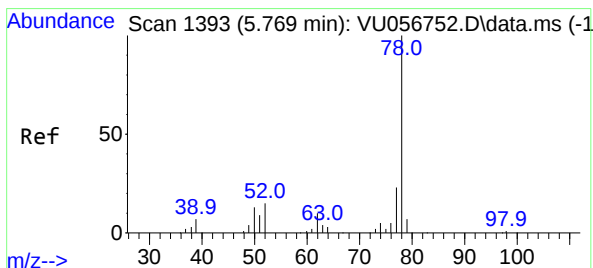
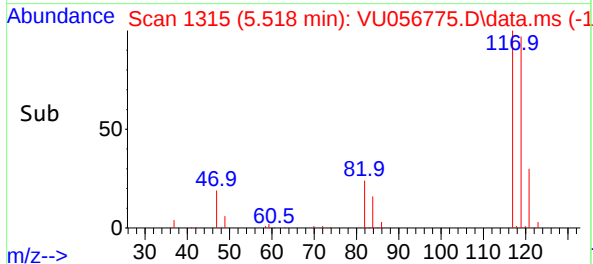
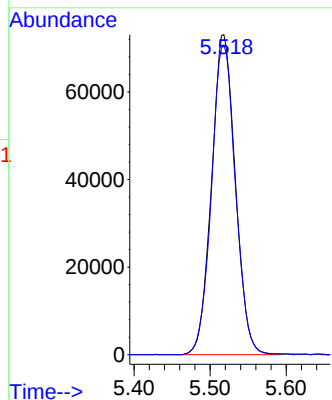
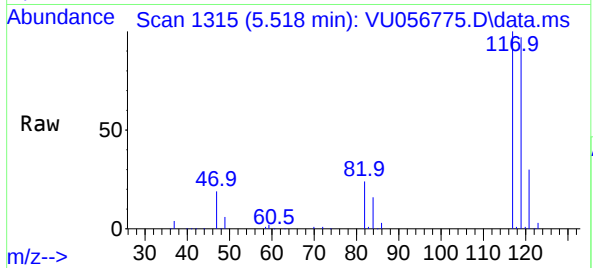




#31
Carbon tetrachloride
Concen: 4.655 ug/L
RT: 5.518 min Scan# 117
Delta R.T. -0.001 min
Lab File: VU056775.D
Acq: 12 Dec 2023 09:37

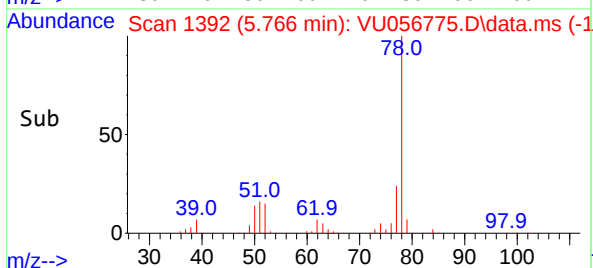
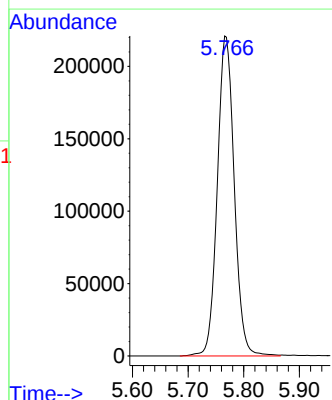
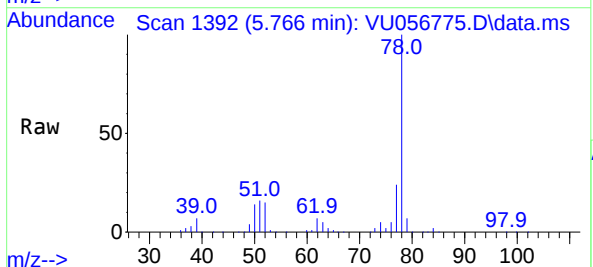
Instrument :
MSVOA_U
ClientSampleId :

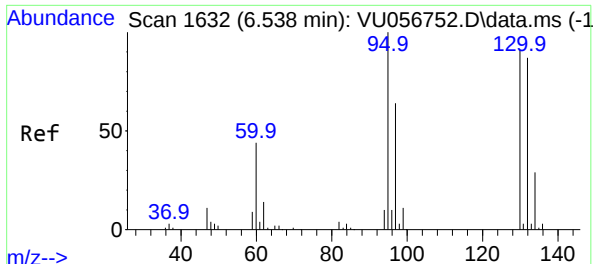
Tgt Ion:117 Resp: 158379
Ion Ratio Lower Upper
117 100
119 97.9 76.2 114.4



#33
Benzene
Concen: 4.911 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.004 min
Lab File: VU056775.D
Acq: 12 Dec 2023 09:37

Tgt Ion: 78 Resp: 467347



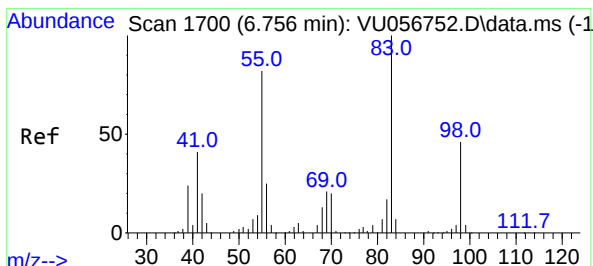
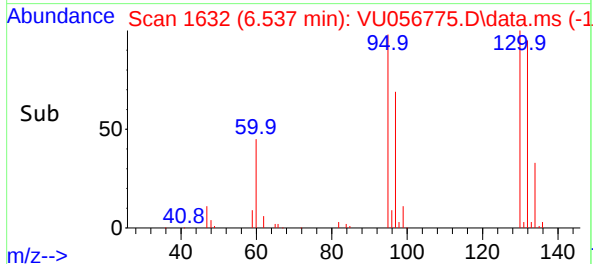
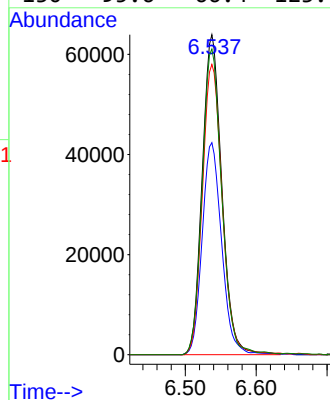
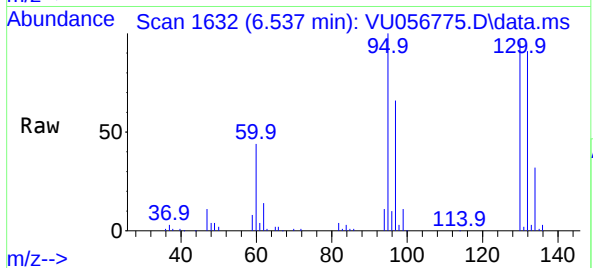


#34
Trichloroethene
Concen: 4.709 ug/L
RT: 6.537 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU056775.D
Acq: 12 Dec 2023 09:37

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 122916

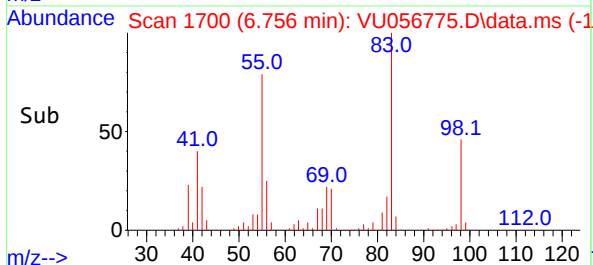
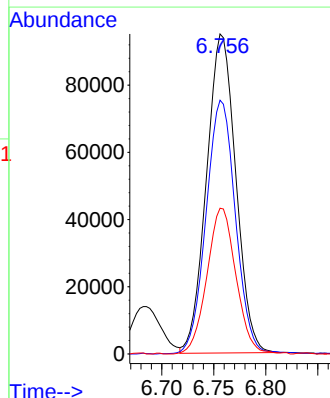
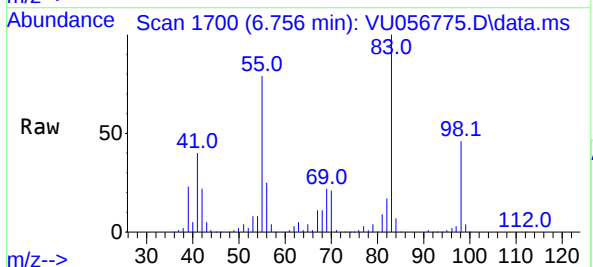
Ion	Ratio	Lower	Upper
95	100		
97	66.2	46.1	85.5
132	90.7	63.6	118.0
130	95.6	66.4	123.4

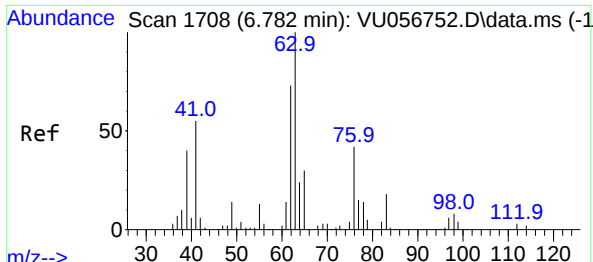


#35
Methylcyclohexane
Concen: 4.839 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.001 min
Lab File: VU056775.D
Acq: 12 Dec 2023 09:37

Tgt Ion: 83 Resp: 186420

Ion	Ratio	Lower	Upper
83	100		
55	80.1	64.6	97.0
98	45.3	36.1	54.1

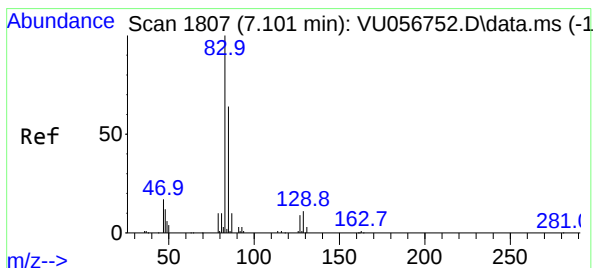
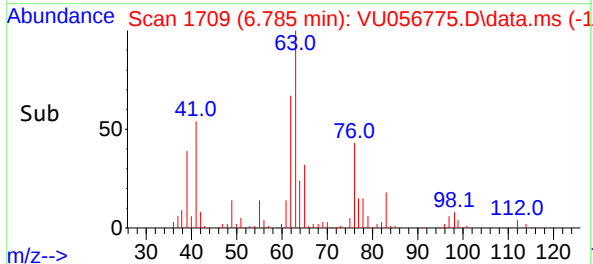
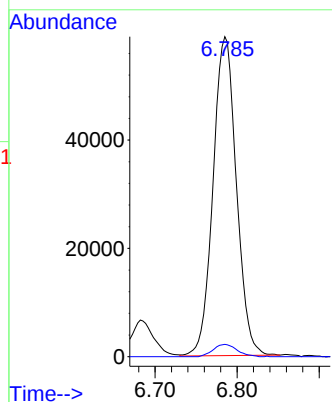
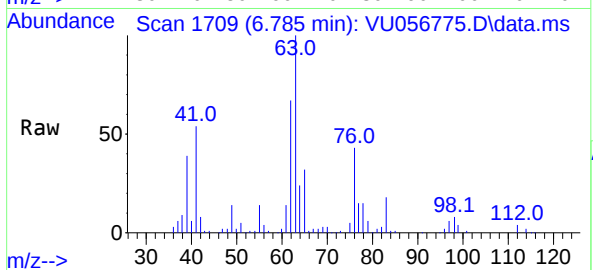




#37
1,2-Dichloropropane
Concen: 4.800 ug/L
RT: 6.785 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU056775.D
Acq: 12 Dec 2023 09:37

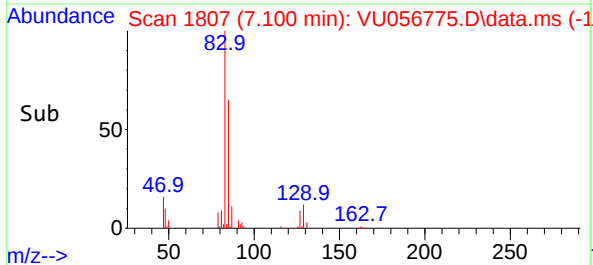
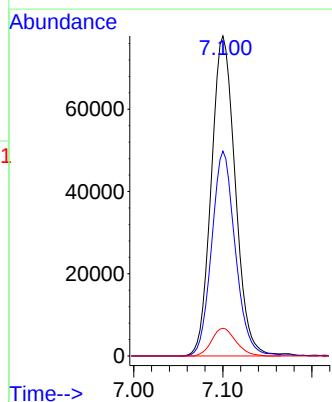
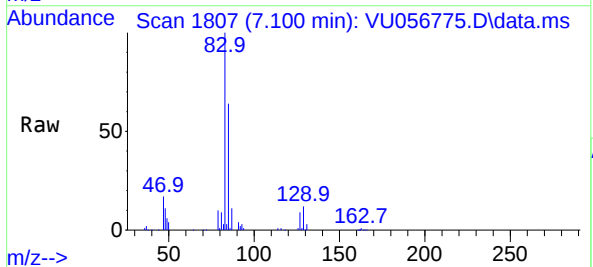
Instrument :
MSVOA_U
ClientSampleId :

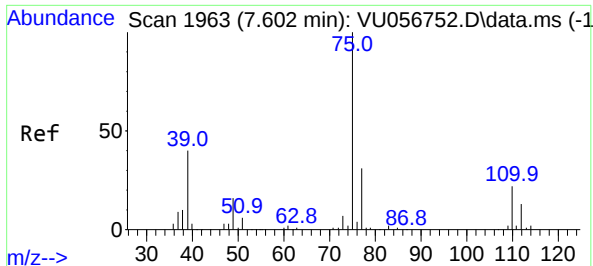
Tgt Ion: 63 Resp: 116838
Ion Ratio Lower Upper
63 100
112 4.0 3.3 4.9



#38
Bromodichloromethane
Concen: 4.681 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. -0.001 min
Lab File: VU056775.D
Acq: 12 Dec 2023 09:37

Tgt Ion: 83 Resp: 145310
Ion Ratio Lower Upper
83 100
85 64.0 45.0 83.6
127 8.7 7.0 10.4

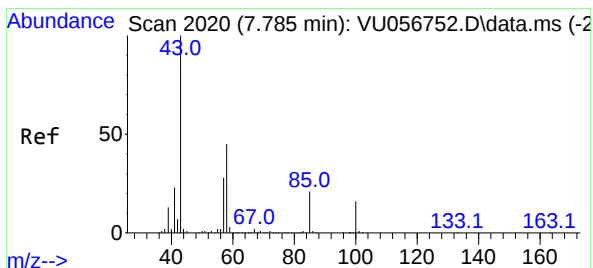
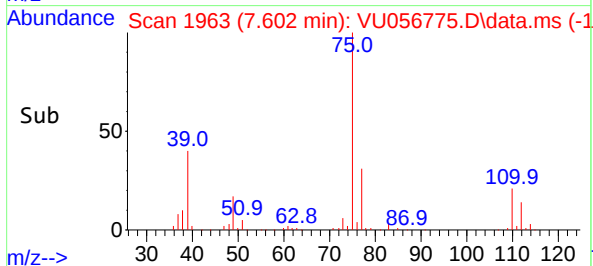
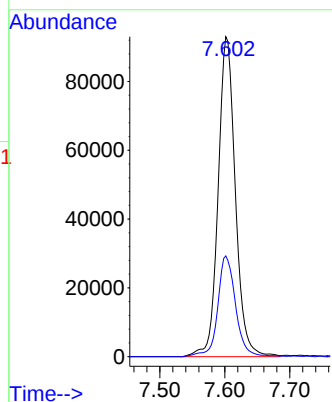
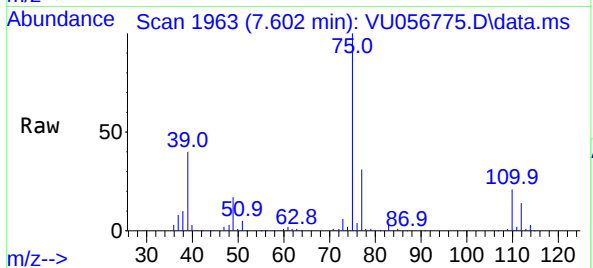




#39
cis-1,3-Dichloropropene
Concen: 4.815 ug/L
RT: 7.602 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VU056775.D
Acq: 12 Dec 2023 09:37

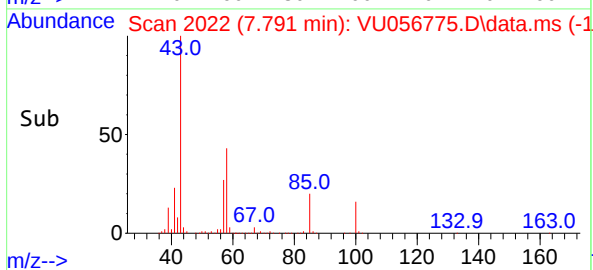
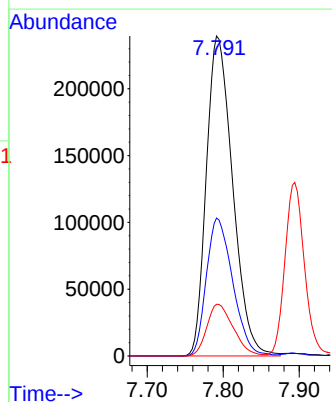
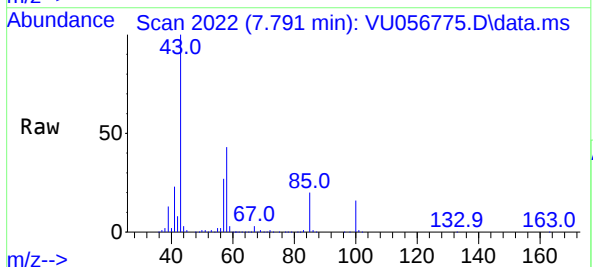
Instrument :
MSVOA_U
ClientSampleId :

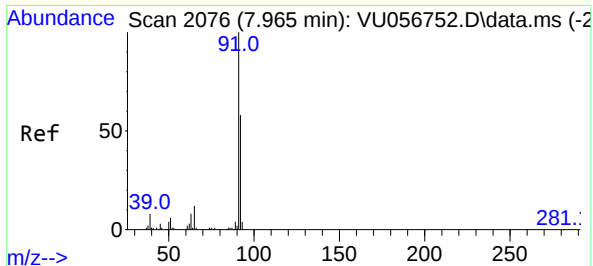
Tgt Ion: 75 Resp: 170823
Ion Ratio Lower Upper
75 100
77 31.5 22.3 41.5



#40
4-Methyl-2-pentanone
Concen: 49.811 ug/L
RT: 7.791 min Scan# 2022
Delta R.T. 0.006 min
Lab File: VU056775.D
Acq: 12 Dec 2023 09:37

Tgt Ion: 43 Resp: 575778
Ion Ratio Lower Upper
43 100
58 43.1 33.7 50.5
100 16.3 13.0 19.4

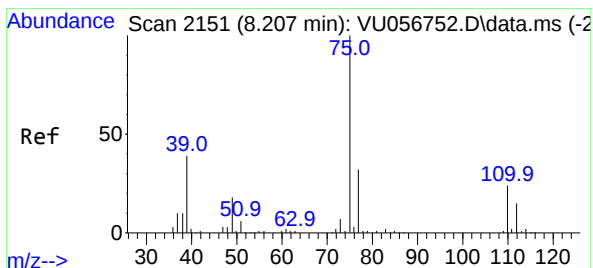
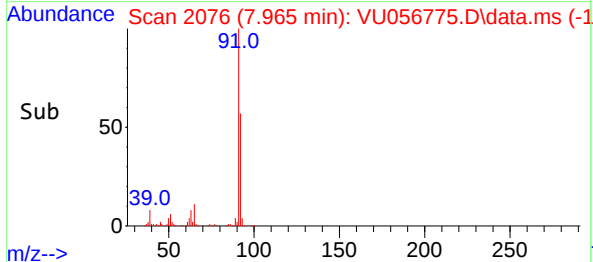
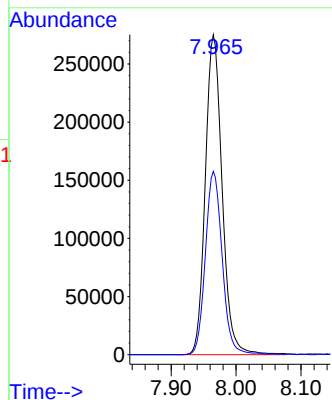
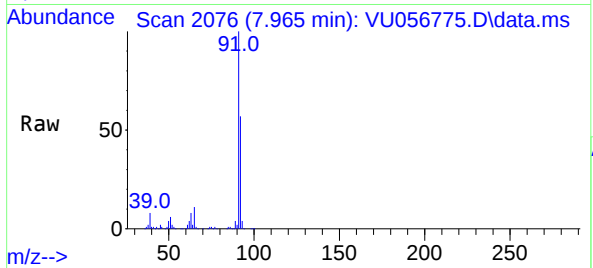




#42
Toluene
Concen: 5.042 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. -0.001 min
Lab File: VU056775.D
Acq: 12 Dec 2023 09:37

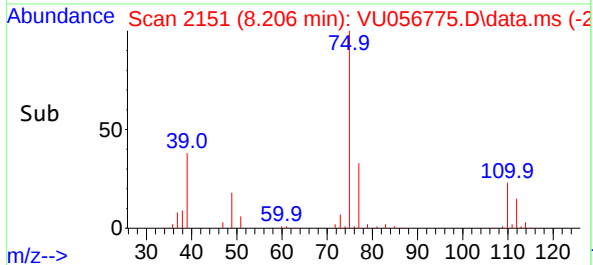
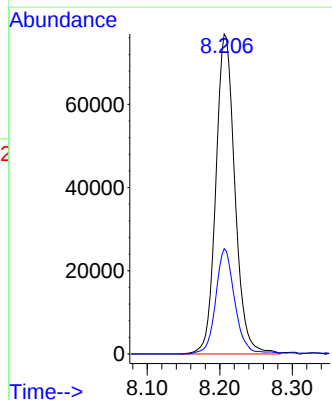
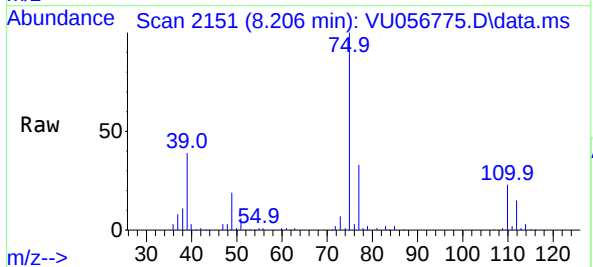
Instrument :
MSVOA_U
ClientSampleId :

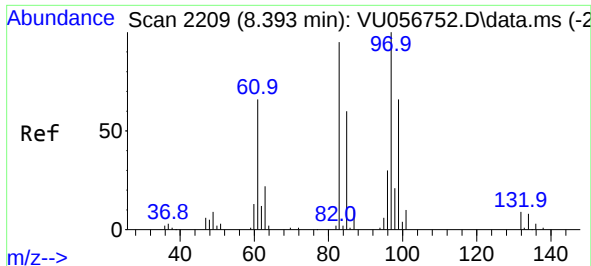
Tgt Ion: 91 Resp: 496432
Ion Ratio Lower Upper
91 100
92 57.3 40.4 75.0



#44
trans-1,3-Dichloropropene
Concen: 4.825 ug/L
RT: 8.206 min Scan# 2151
Delta R.T. -0.001 min
Lab File: VU056775.D
Acq: 12 Dec 2023 09:37

Tgt Ion: 75 Resp: 140302
Ion Ratio Lower Upper
75 100
77 32.9 21.8 40.4



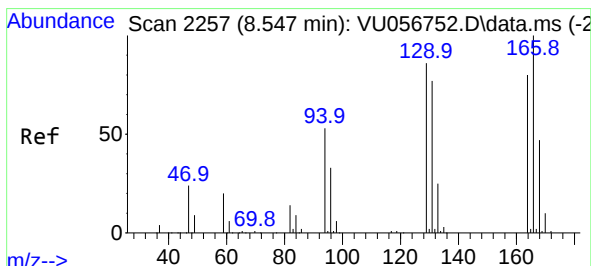
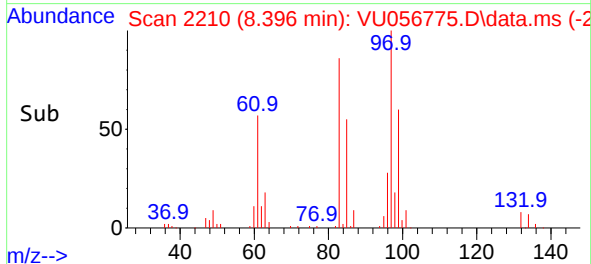
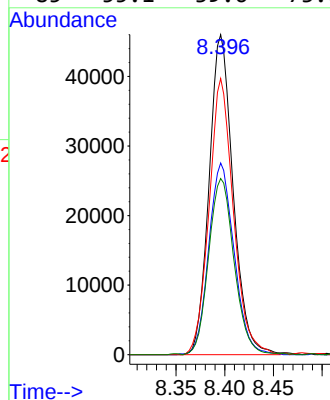
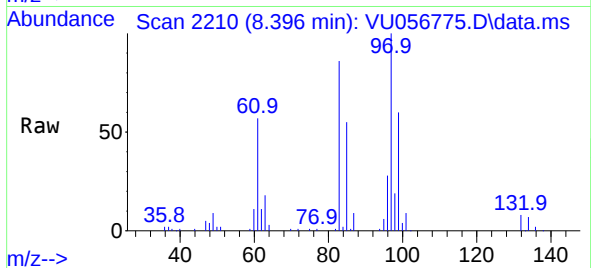


#45
1,1,2-Trichloroethane
Concen: 4.802 ug/L
RT: 8.396 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU056775.D
Acq: 12 Dec 2023 09:37

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 79022

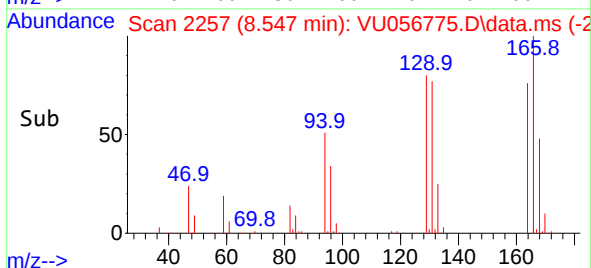
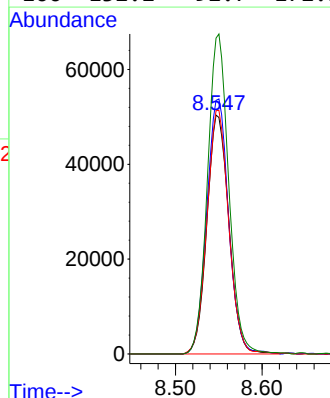
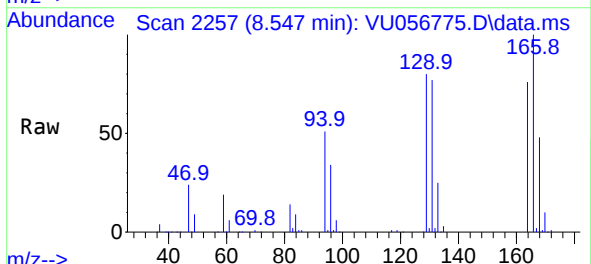
Ion	Ratio	Lower	Upper
97	100		
99	59.9	41.9	77.9
83	86.3	59.1	109.7
85	55.1	39.6	73.6

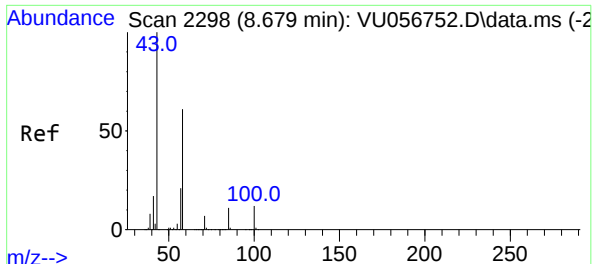


#47
Tetrachloroethene
Concen: 4.859 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU056775.D
Acq: 12 Dec 2023 09:37

Tgt Ion: 164 Resp: 88765

Ion	Ratio	Lower	Upper
164	100		
129	106.1	73.4	136.4
131	101.8	71.5	132.9
166	132.2	92.7	172.1

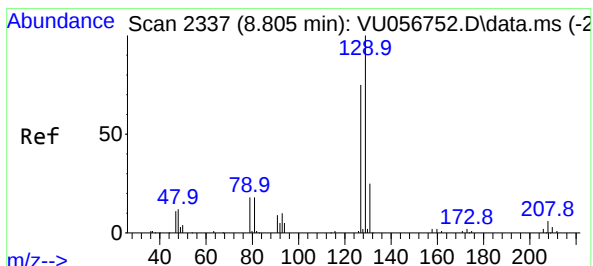
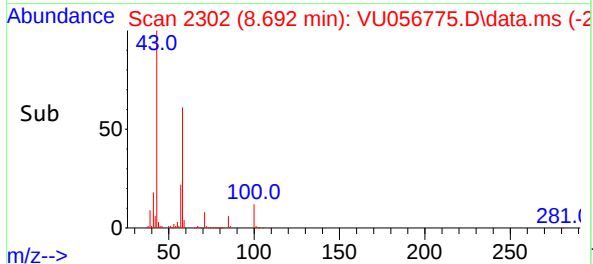
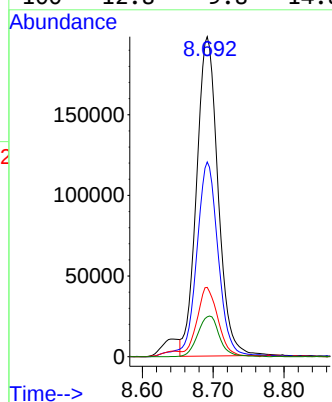
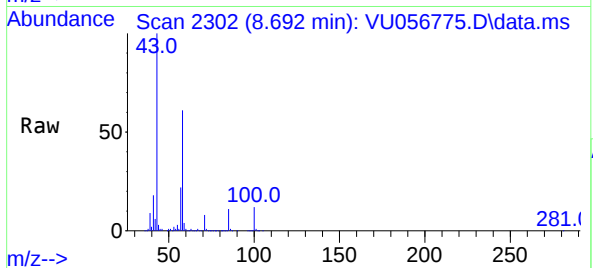




#48
2-Hexanone
Concen: 50.617 ug/L
RT: 8.692 min Scan# 21
Delta R.T. 0.012 min
Lab File: VU056775.D
Acq: 12 Dec 2023 09:37

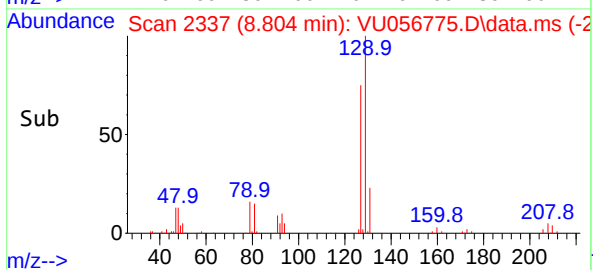
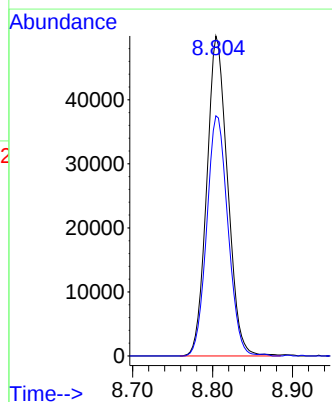
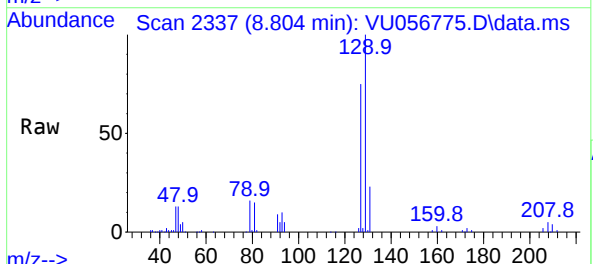
Instrument :
MSVOA_U
ClientSampleId :

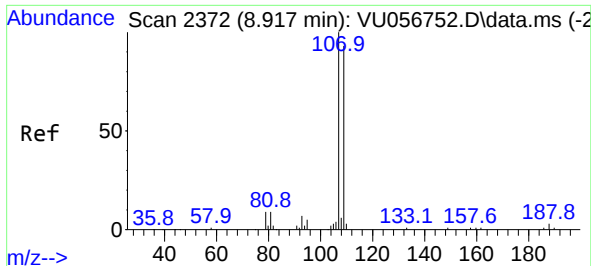
Tgt Ion: 43 Resp: 416715
Ion Ratio Lower Upper
43 100
58 62.0 47.5 71.3
57 21.4 17.0 25.4
100 12.8 9.8 14.8



#49
Dibromochloromethane
Concen: 4.785 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.001 min
Lab File: VU056775.D
Acq: 12 Dec 2023 09:37

Tgt Ion: 129 Resp: 90516
Ion Ratio Lower Upper
129 100
127 75.1 53.9 100.1





#50

1,2-Dibromoethane

Concen: 4.812 ug/L

RT: 8.920 min Scan# 21

Delta R.T. 0.003 min

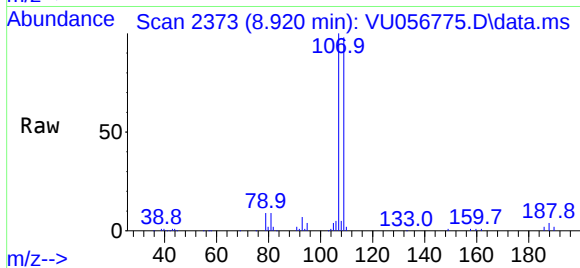
Lab File: VU056775.D

Acq: 12 Dec 2023 09:37

Instrument :

MSVOA_U

ClientSampleId :



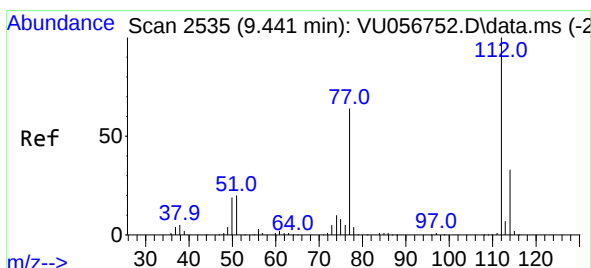
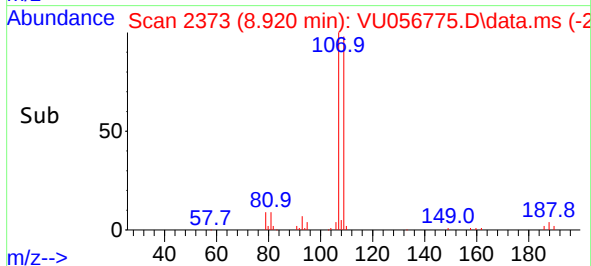
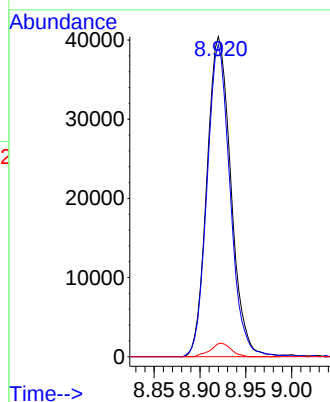
Tgt Ion:107 Resp: 73491

Ion Ratio Lower Upper

107 100

109 97.5 66.5 123.5

188 4.0 2.9 4.3



#51

Chlorobenzene

Concen: 4.939 ug/L

RT: 9.444 min Scan# 2536

Delta R.T. 0.003 min

Lab File: VU056775.D

Acq: 12 Dec 2023 09:37

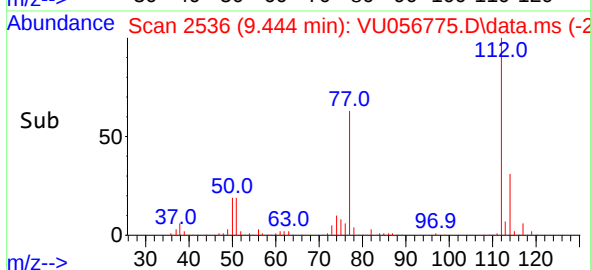
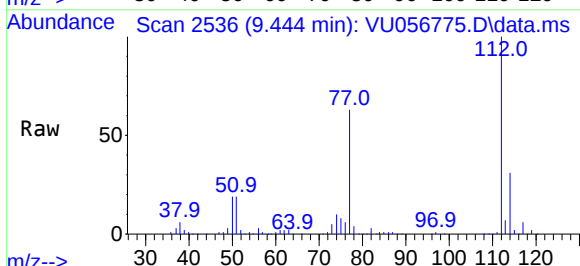
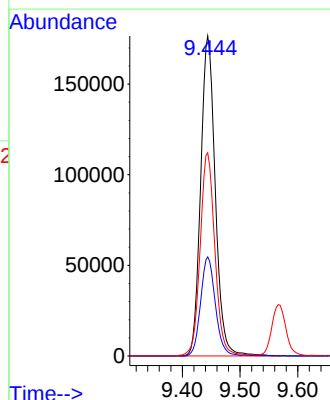
Tgt Ion:112 Resp: 309985

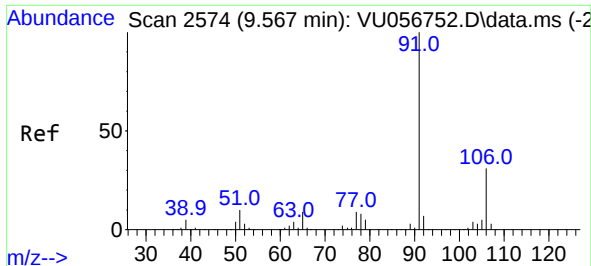
Ion Ratio Lower Upper

112 100

114 31.0 21.9 40.7

77 63.5 51.6 77.4

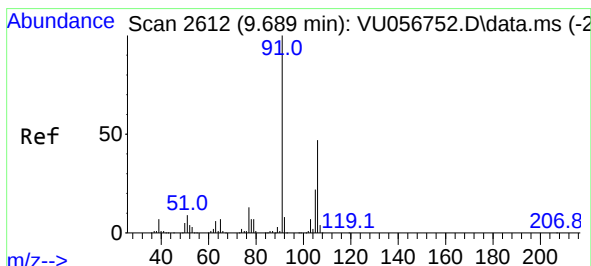
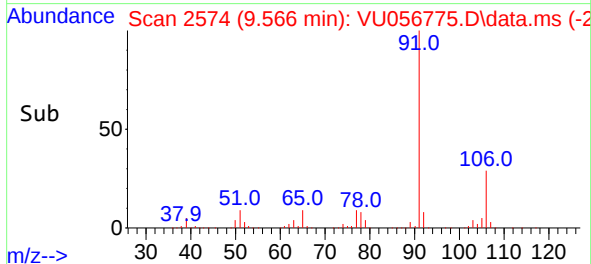
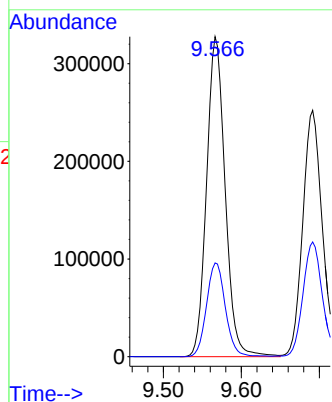
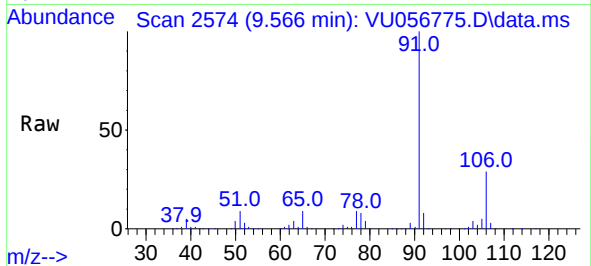




#52
Ethylbenzene
Concen: 4.984 ug/L
RT: 9.566 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056775.D
Acq: 12 Dec 2023 09:37

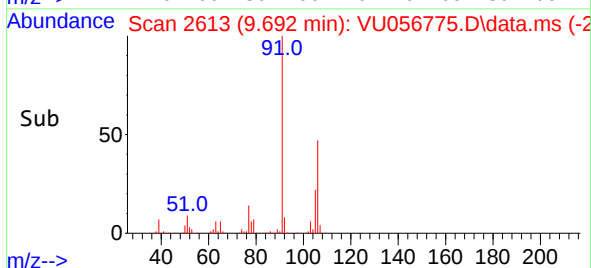
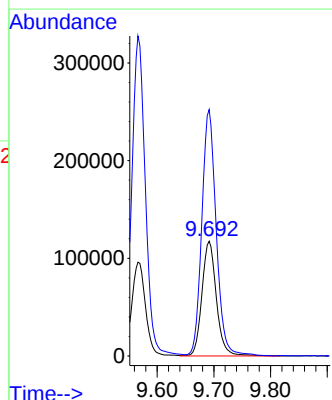
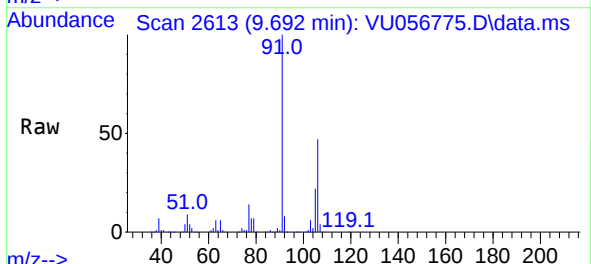
Instrument :
MSVOA_U
ClientSampleId :

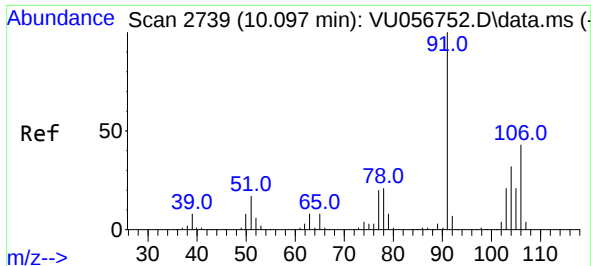
Tgt Ion: 91 Resp: 541346
Ion Ratio Lower Upper
91 100
106 29.3 20.6 38.4



#53
m,p-Xylene
Concen: 5.142 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.003 min
Lab File: VU056775.D
Acq: 12 Dec 2023 09:37

Tgt Ion: 106 Resp: 208067
Ion Ratio Lower Upper
106 100
91 214.9 154.0 286.0

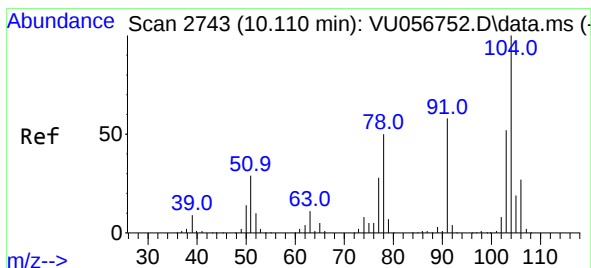
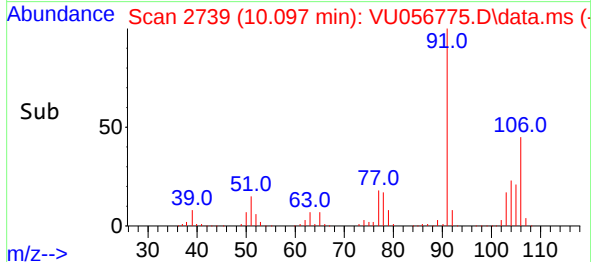
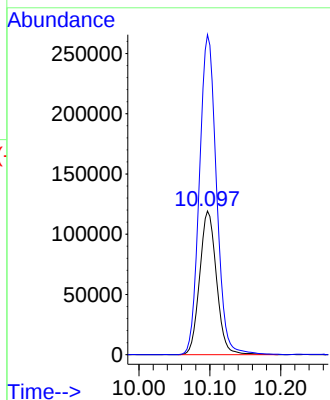
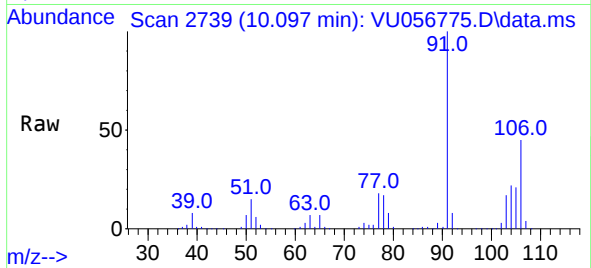




#54
o-Xylene
Concen: 5.099 ug/L
RT: 10.097 min Scan# 21
Delta R.T. -0.001 min
Lab File: VU056775.D
Acq: 12 Dec 2023 09:37

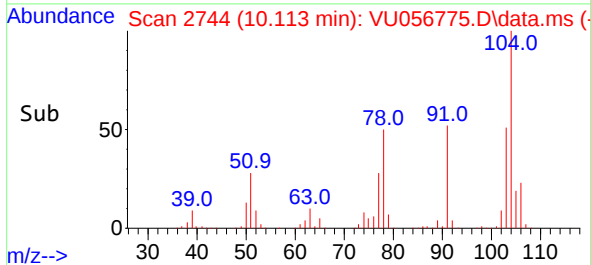
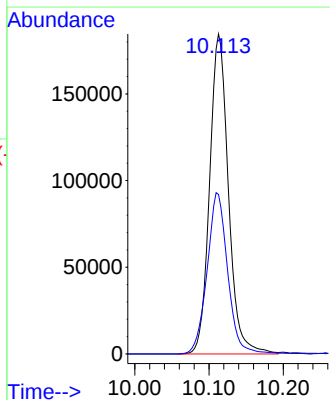
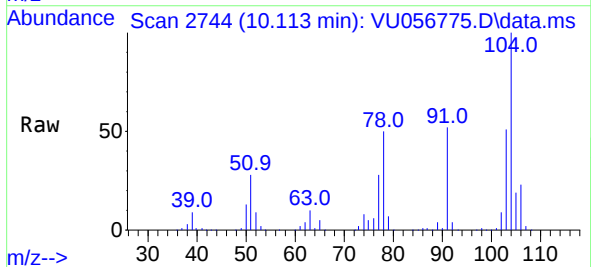
Instrument :
MSVOA_U
ClientSampleId :

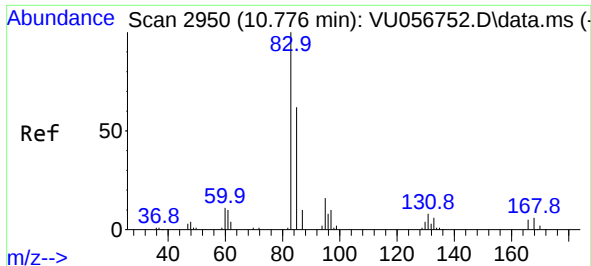
Tgt Ion:106 Resp: 196601
Ion Ratio Lower Upper
106 100
91 222.8 160.2 297.6



#55
Styrene
Concen: 5.134 ug/L
RT: 10.113 min Scan# 2744
Delta R.T. 0.003 min
Lab File: VU056775.D
Acq: 12 Dec 2023 09:37

Tgt Ion:104 Resp: 324996
Ion Ratio Lower Upper
104 100
78 49.9 35.6 66.2

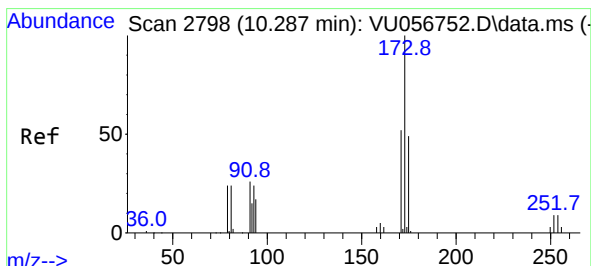
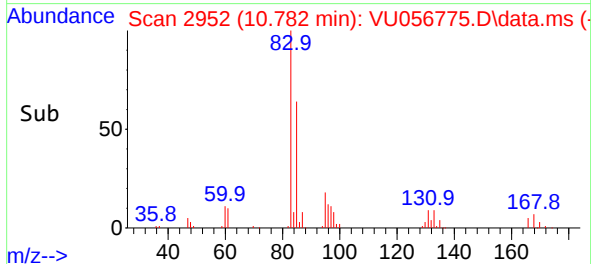
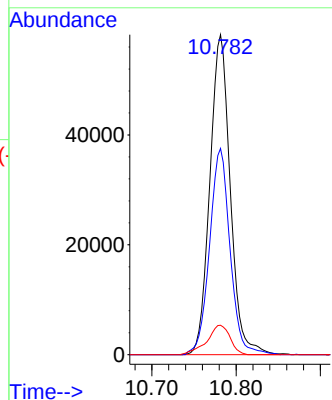
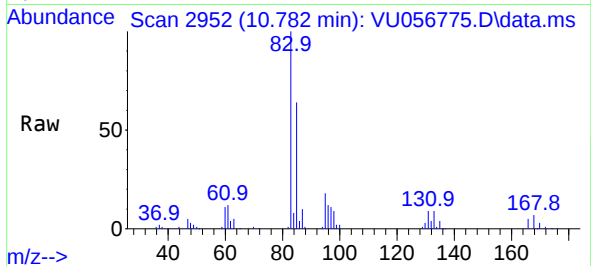




#57
1,1,2,2-Tetrachloroethane
Concen: 4.928 ug/L
RT: 10.782 min Scan# 2950
Delta R.T. 0.006 min
Lab File: VU056775.D
Acq: 12 Dec 2023 09:37

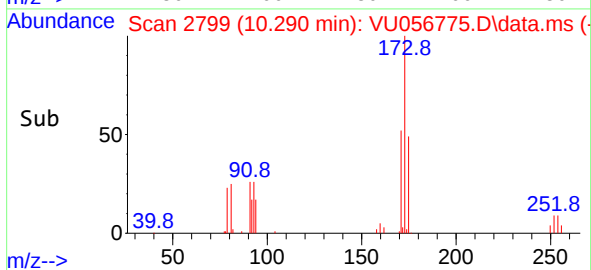
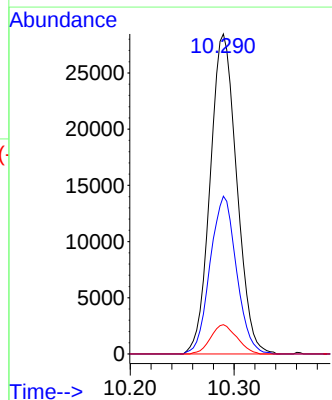
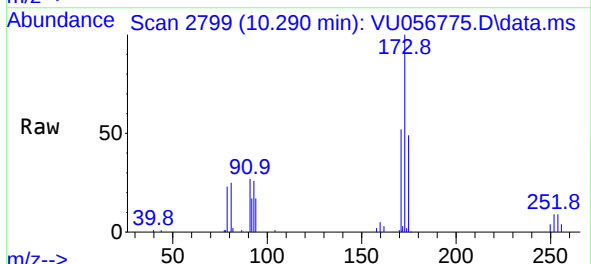
Instrument :
MSVOA_U
ClientSampleId :

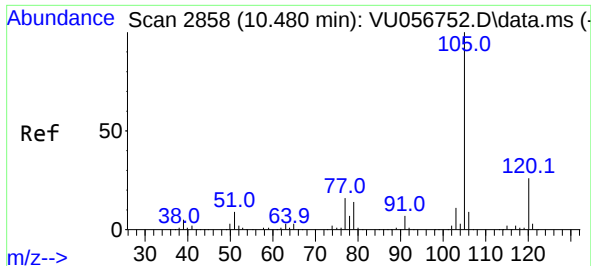
Tgt Ion: 83 Resp: 97980
Ion Ratio Lower Upper
83 100
85 64.4 45.4 84.4
131 9.2 6.6 9.8



#59
Bromoform
Concen: 4.778 ug/L
RT: 10.290 min Scan# 2799
Delta R.T. 0.003 min
Lab File: VU056775.D
Acq: 12 Dec 2023 09:37

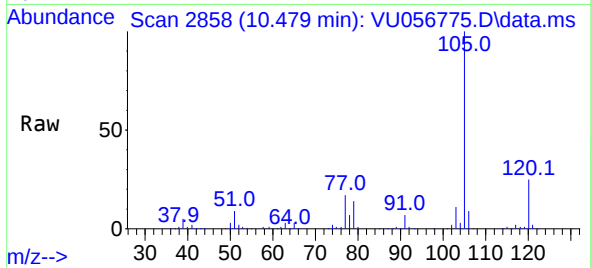
Tgt Ion:173 Resp: 50456
Ion Ratio Lower Upper
173 100
175 49.0 38.2 57.2
254 9.0 7.0 10.4



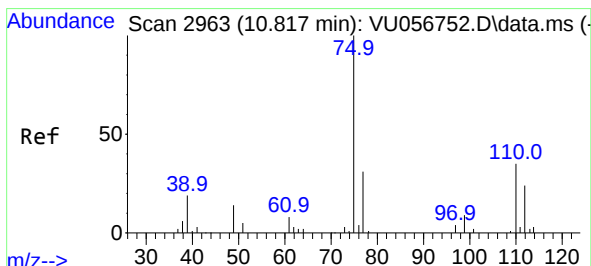
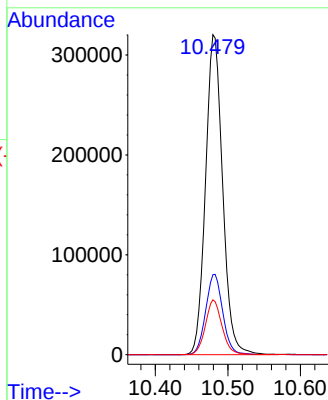
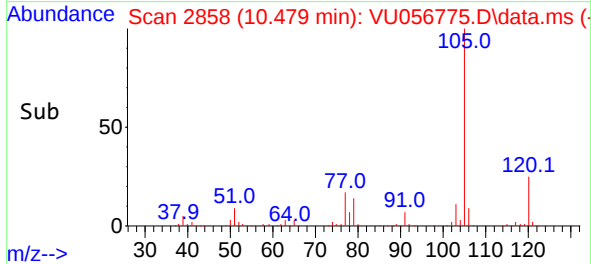


#60
Isopropylbenzene
Concen: 5.146 ug/L
RT: 10.479 min Scan# 21
Delta R.T. -0.001 min
Lab File: VU056775.D
Acq: 12 Dec 2023 09:37

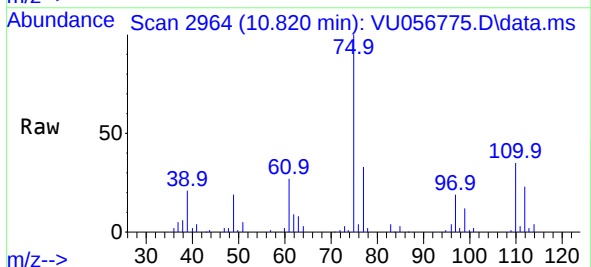
Instrument :
MSVOA_U
ClientSampleId :



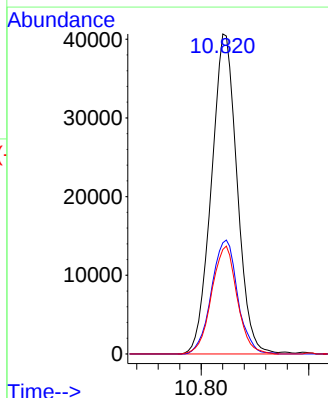
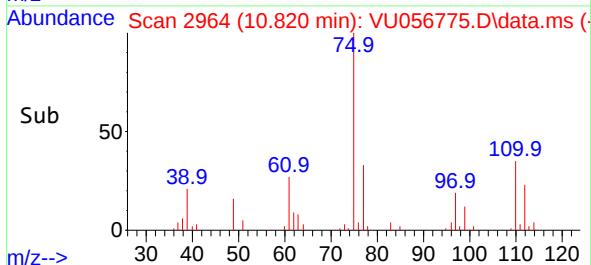
Tgt Ion:105 Resp: 525837
Ion Ratio Lower Upper
105 100
120 25.1 20.1 30.1
77 16.7 13.2 19.8

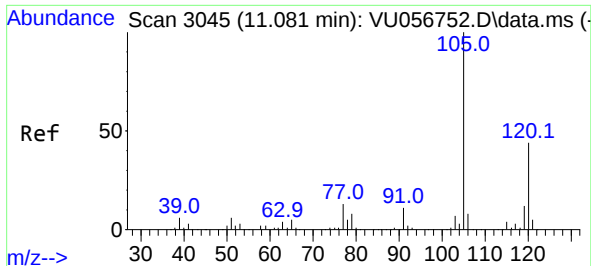


#61
1,2,3-Trichloropropane
Concen: 4.851 ug/L
RT: 10.820 min Scan# 2964
Delta R.T. 0.003 min
Lab File: VU056775.D
Acq: 12 Dec 2023 09:37



Tgt Ion: 75 Resp: 67364
Ion Ratio Lower Upper
75 100
110 36.4 28.4 42.6
77 33.5 26.3 39.5

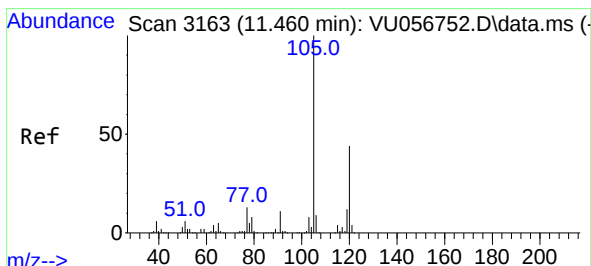
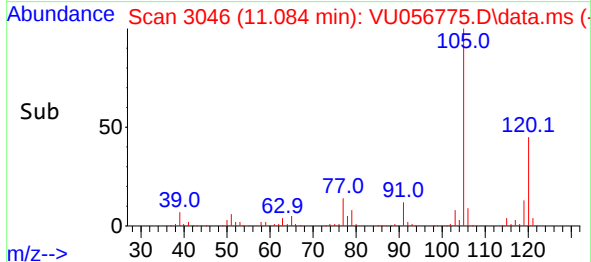
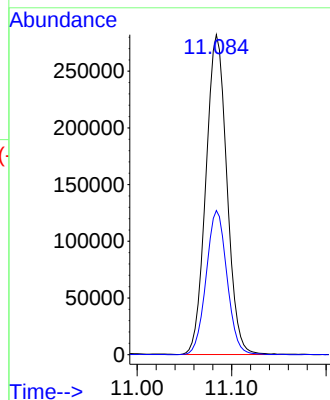
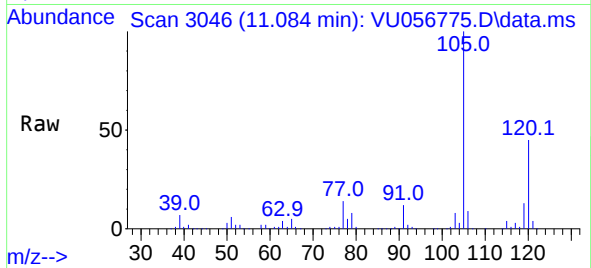




#62
1,3,5-Trimethylbenzene
Concen: 5.205 ug/L
RT: 11.084 min Scan# 3045
Delta R.T. 0.003 min
Lab File: VU056775.D
Acq: 12 Dec 2023 09:37

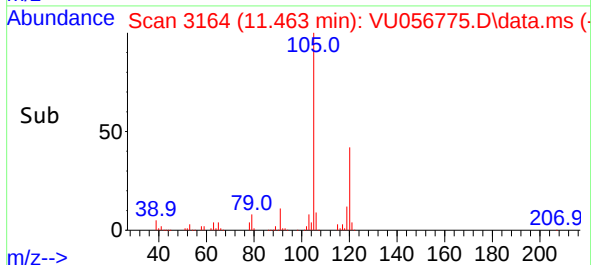
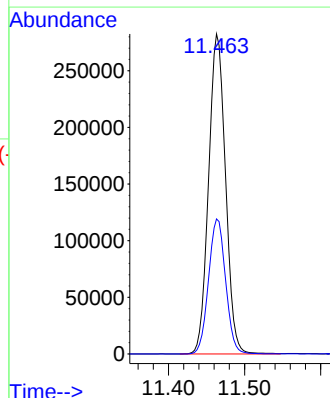
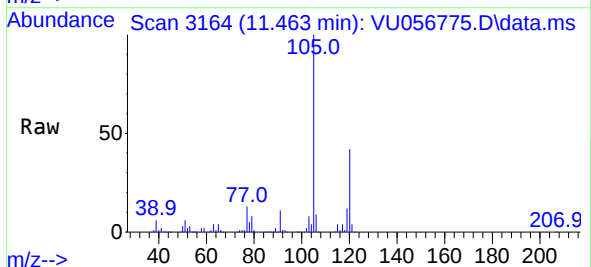
Instrument :
MSVOA_U
ClientSampleId :

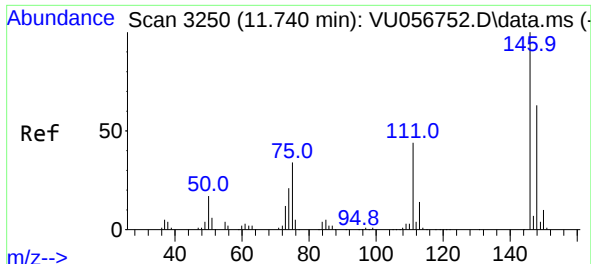
Tgt Ion:105 Resp: 434729
Ion Ratio Lower Upper
105 100
120 44.8 36.8 55.2



#63
1,2,4-Trimethylbenzene
Concen: 5.263 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. 0.003 min
Lab File: VU056775.D
Acq: 12 Dec 2023 09:37

Tgt Ion:105 Resp: 436516
Ion Ratio Lower Upper
105 100
120 42.5 34.2 51.4

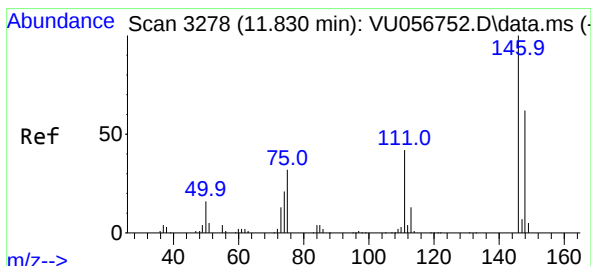
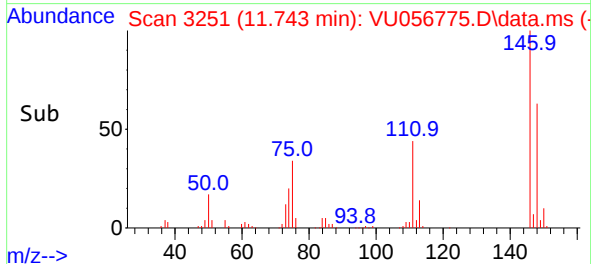
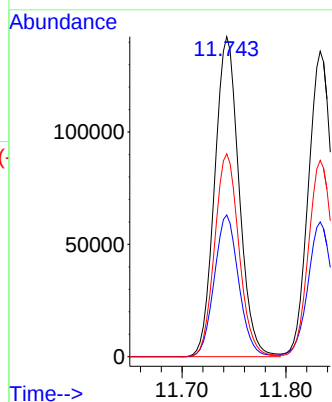
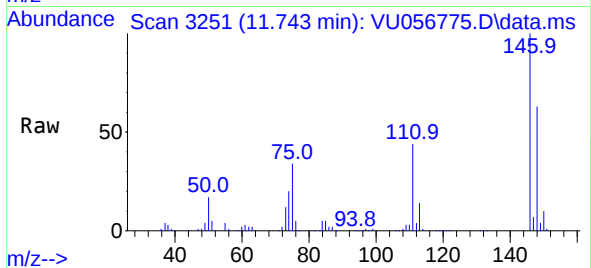




#64
1,3-Dichlorobenzene
Concen: 4.806 ug/L
RT: 11.743 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU056775.D
Acq: 12 Dec 2023 09:37

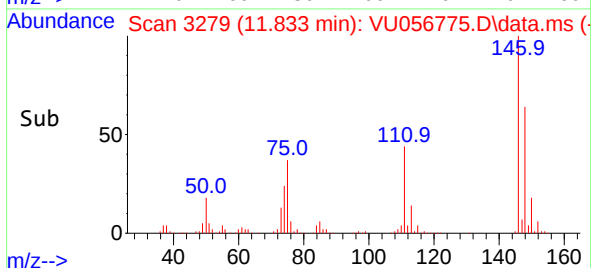
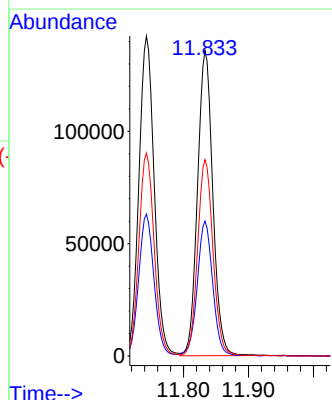
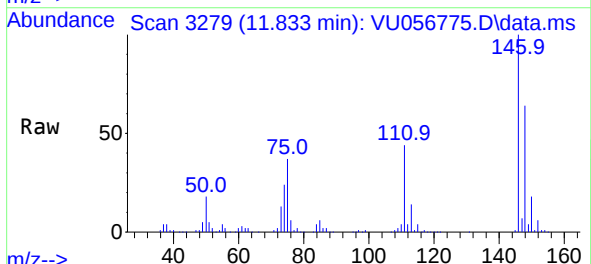
Instrument :
MSVOA_U
ClientSampleId :

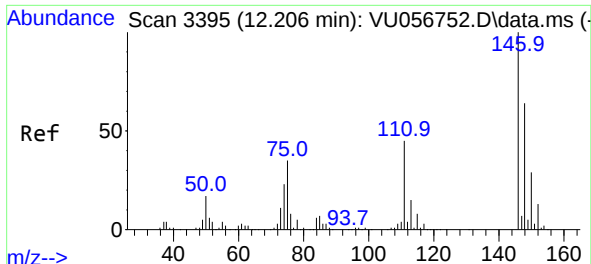
Tgt Ion:146 Resp: 232291
Ion Ratio Lower Upper
146 100
111 44.3 31.7 58.9
148 63.4 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 4.689 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.003 min
Lab File: VU056775.D
Acq: 12 Dec 2023 09:37

Tgt Ion:146 Resp: 223188
Ion Ratio Lower Upper
146 100
111 44.1 31.2 58.0
148 64.2 45.6 84.8





#67

1,2-Dichlorobenzene

Concen: 4.613 ug/L

RT: 12.209 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU056775.D

Acq: 12 Dec 2023 09:37

Instrument :

MSVOA_U

ClientSampleId :

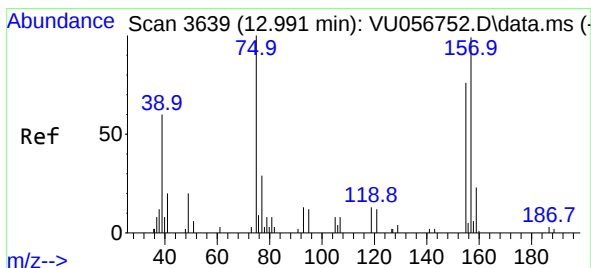
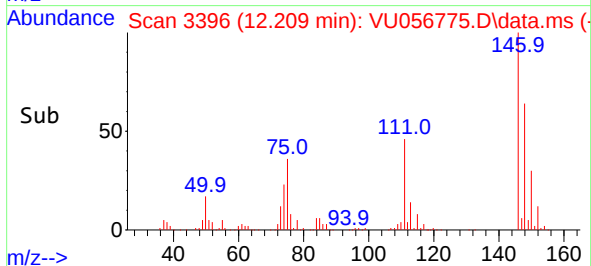
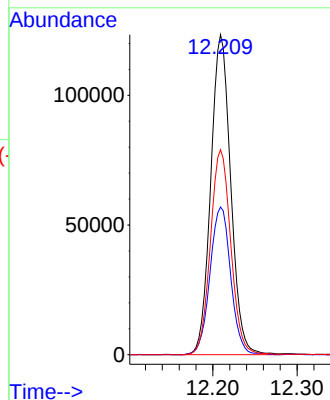
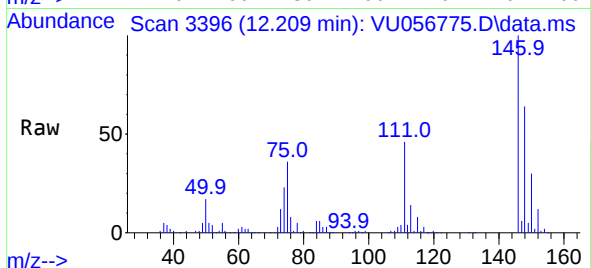
Tgt Ion:146 Resp: 203118

Ion Ratio Lower Upper

146 100

111 46.2 36.9 55.3

148 64.1 53.0 79.4



#68

1,2-Dibromo-3-chloropropane

Concen: 4.784 ug/L

RT: 12.990 min Scan# 3639

Delta R.T. -0.001 min

Lab File: VU056775.D

Acq: 12 Dec 2023 09:37

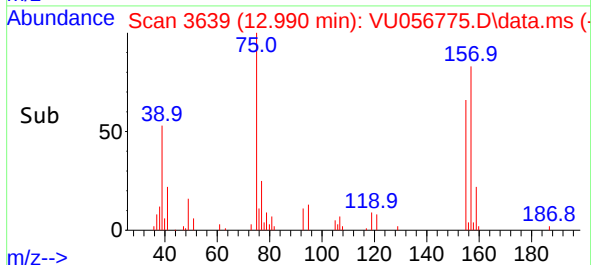
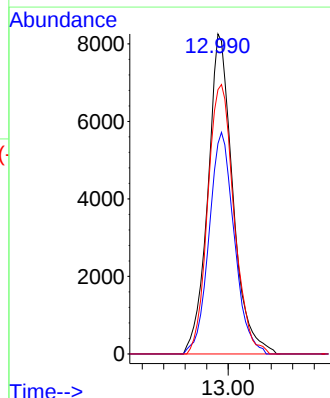
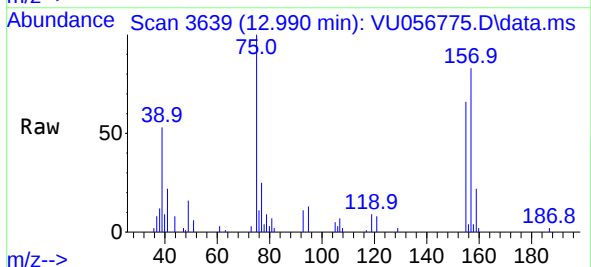
Tgt Ion: 75 Resp: 13265

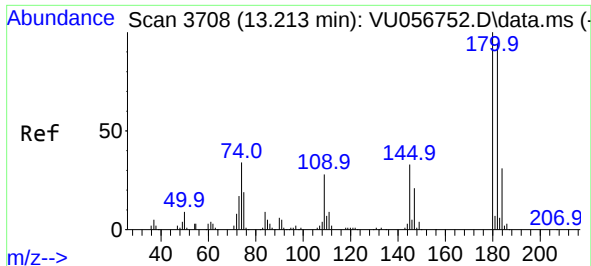
Ion Ratio Lower Upper

75 100

155 65.8 55.4 83.2

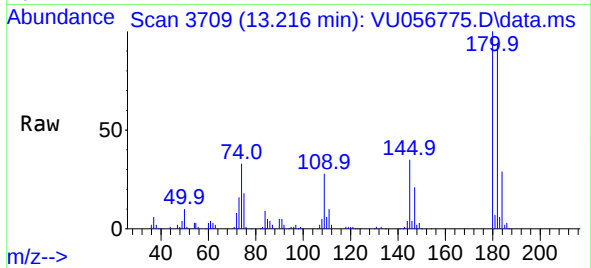
157 82.6 77.3 115.9



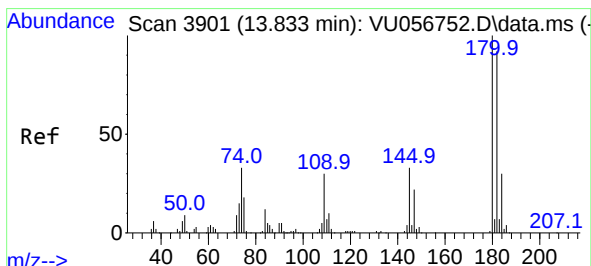
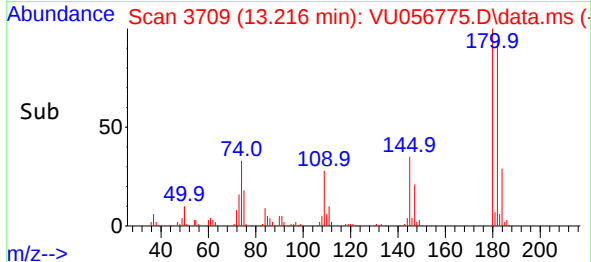
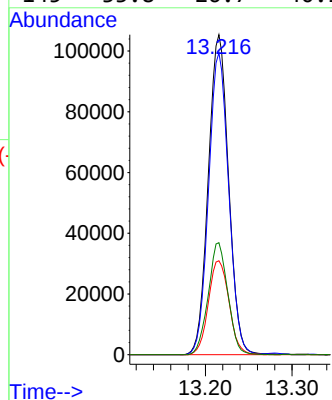


#69
 1,3,5-Trichlorobenzene
 Concen: 4.686 ug/L
 RT: 13.216 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU056775.D
 Acq: 12 Dec 2023 09:37

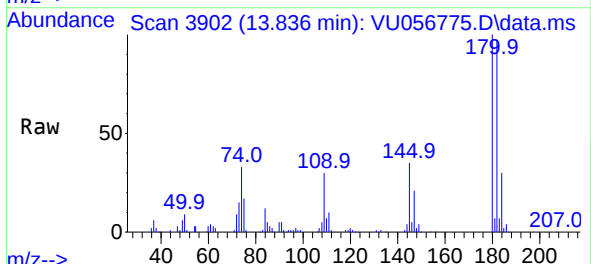
Instrument :
 MSVOA_U
 ClientSampleId :



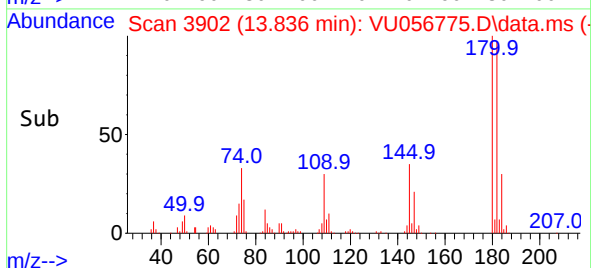
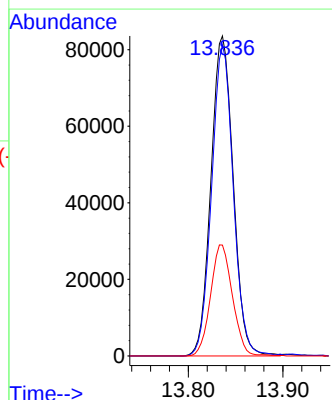
Tgt Ion:180 Resp: 171150
 Ion Ratio Lower Upper
 180 100
 182 93.3 76.2 114.4
 184 30.0 24.6 37.0
 145 33.8 26.7 40.1

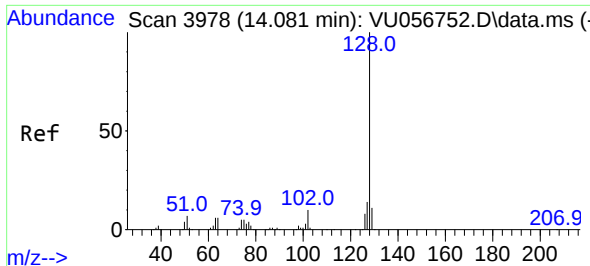


#70
 1,2,4-trichlorobenzene
 Concen: 4.728 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. 0.003 min
 Lab File: VU056775.D
 Acq: 12 Dec 2023 09:37



Tgt Ion:180 Resp: 136761
 Ion Ratio Lower Upper
 180 100
 182 94.5 74.3 111.5
 145 34.2 26.7 40.1

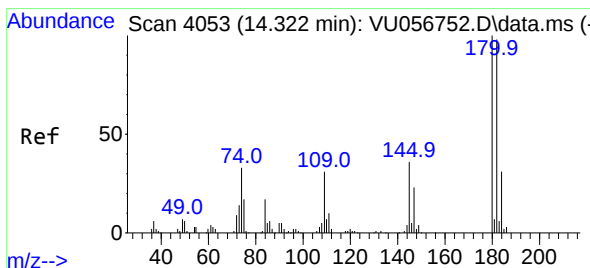
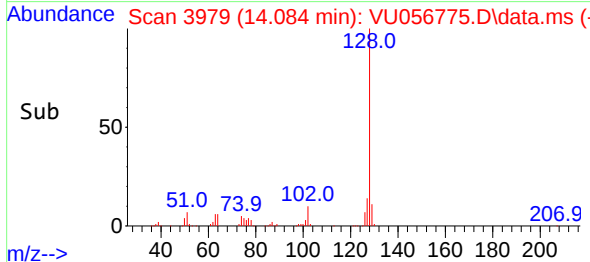
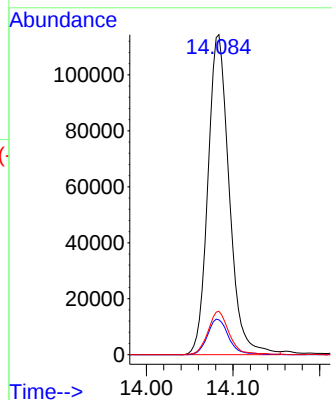
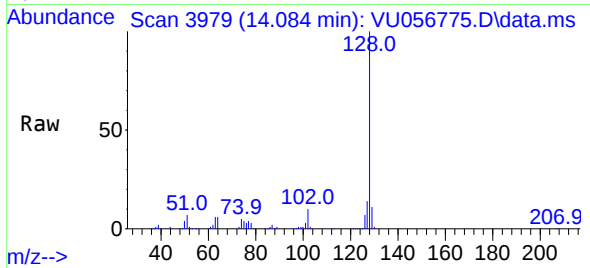




#71
Naphthalene
Concen: 4.624 ug/L
RT: 14.084 min Scan# 3978
Delta R.T. 0.003 min
Lab File: VU056775.D
Acq: 12 Dec 2023 09:37

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 195732
Ion Ratio Lower Upper
128 100
129 11.1 8.6 12.8
127 13.3 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 4.619 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.003 min
Lab File: VU056775.D
Acq: 12 Dec 2023 09:37

Tgt Ion:180 Resp: 113410
Ion Ratio Lower Upper
180 100
182 94.5 75.0 112.6
145 35.5 28.6 42.8

