

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120924\
 Data File : VU062156.D
 Acq On : 09 Dec 2024 13:27
 Operator : MD/SY
 Sample : VSTDICV005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 09 15:56:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Dec 09 13:19:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	111088	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	103100	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	54012	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	36677	4.895	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.800%
7) Chloroethane-d5	1.907	69	28074	5.267	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.400%
11) 1,1-Dichloroethene-d2	2.560	65	18393	5.160	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.200%
20) 2-Butanone-d5	4.628	46	71218	49.594	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.180%
24) Chloroform-d	5.052	84	80888	4.988	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
26) 1,2-Dichloroethane-d4	5.692	65	41194	5.166	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
32) Benzene-d6	5.718	84	154588	5.206	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.200%
36) 1,2-Dichloropropane-d6	6.682	67	42748	5.031	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.600%
41) Toluene-d8	7.891	98	144940	5.167	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
43) trans-1,3-Dichloroprop...	8.174	79	19878	5.315	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.400%
46) 2-Hexanone-d5	8.627	63	58753	52.074	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.140%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	33287	5.035	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	51590	5.183	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	54338	5.222	ug/L	98
3) Chloromethane	1.515	50	41485	5.086	ug/L	98
5) Vinyl chloride	1.599	62	43921	5.172	ug/L	100
6) Bromomethane	1.853	94	29712	5.249	ug/L	98
8) Chloroethane	1.927	64	23084	4.853	ug/L	97
9) Trichlorofluoromethane	2.132	101	74789	5.074	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	41116	5.125	ug/L	91
12) 1,1-Dichloroethene	2.573	96	36685	4.891	ug/L	90
13) Acetone	2.644	43	49444	50.569	ug/L	97
14) Carbon disulfide	2.785	76	118044	4.977	ug/L	99
15) Methyl Acetate	2.952	43	11497	4.692	ug/L	91
16) Methylene chloride	3.036	84	40385	5.129	ug/L	89
17) Methyl tert-butyl Ether	3.354	73	93526	5.005	ug/L	97
18) trans-1,2-Dichloroethene	3.345	96	39132	5.078	ug/L	93
19) 1,1-Dichloroethane	3.859	63	70365	4.981	ug/L	96
21) 2-Butanone	4.705	43	73958	52.086	ug/L	93
22) cis-1,2-Dichloroethene	4.656	96	43976	5.091	ug/L	92
23) Bromochloromethane	4.965	128	19219	5.076	ug/L	# 85
25) Chloroform	5.078	83	80521	5.061	ug/L	98

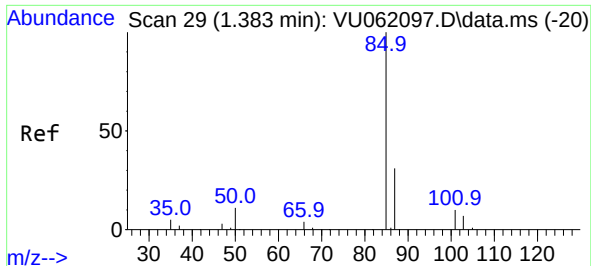
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120924\
 Data File : VU062156.D
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	48689	4.815	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	77419	5.338	ug/L	94
30) Cyclohexane	5.377	56	61093	5.195	ug/L	93
31) Carbon tetrachloride	5.515	117	68433	5.146	ug/L	99
33) Benzene	5.766	78	166097	5.199	ug/L	100
34) Trichloroethene	6.534	95	47740	5.275	ug/L	97
35) Methylcyclohexane	6.753	83	70928	5.286	ug/L	96
37) 1,2-Dichloropropane	6.782	63	39472	5.073	ug/L	100
38) Bromodichloromethane	7.097	83	56384	5.136	ug/L	98
39) cis-1,3-Dichloropropene	7.598	75	65753	5.272	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	184208	50.515	ug/L #	92
42) Toluene	7.962	91	182157	5.287	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	53502	5.253	ug/L	97
45) 1,1,2-Trichloroethane	8.389	97	30409	5.177	ug/L	98
47) Tetrachloroethene	8.544	164	37782	5.407	ug/L	97
48) 2-Hexanone	8.676	43	139324	51.698	ug/L #	94
49) Dibromochloromethane	8.801	129	37596	5.298	ug/L	94
50) 1,2-Dibromoethane	8.917	107	28670	5.080	ug/L #	97
51) Chlorobenzene	9.438	112	115032	5.211	ug/L	98
52) Ethylbenzene	9.563	91	204758	5.301	ug/L	99
53) m,p-Xylene	9.685	106	77443	5.430	ug/L	96
54) o-Xylene	10.094	106	73441	5.295	ug/L	100
55) Styrene	10.106	104	124623	5.451	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.772	83	34195	5.002	ug/L #	99
59) Bromoform	10.283	173	21878	5.154	ug/L	98
60) Isopropylbenzene	10.476	105	207597	5.321	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	24713	4.948	ug/L	95
62) 1,3,5-Trimethylbenzene	11.081	105	177306	5.370	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	172989	5.347	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	93402	5.211	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	93348	5.172	ug/L	100
67) 1,2-Dichlorobenzene	12.203	146	86846	5.243	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	5750	5.278	ug/L	86
69) 1,3,5-Trichlorobenzene	13.212	180	70617	5.300	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	58576	5.569	ug/L	97
71) Naphthalene	14.081	128	100642	6.372	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	52502	5.660	ug/L	100

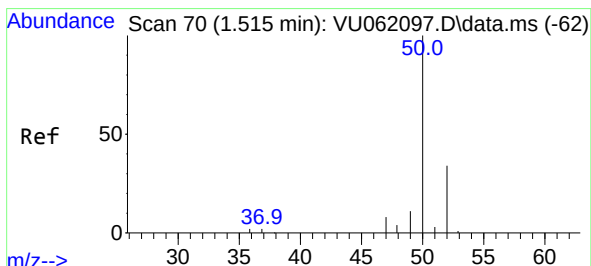
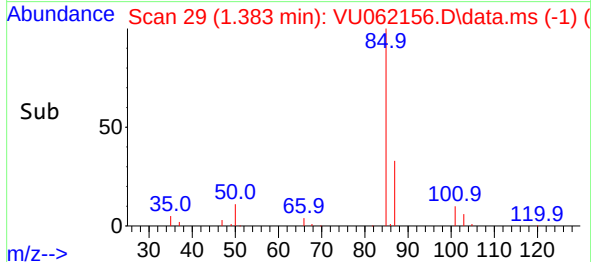
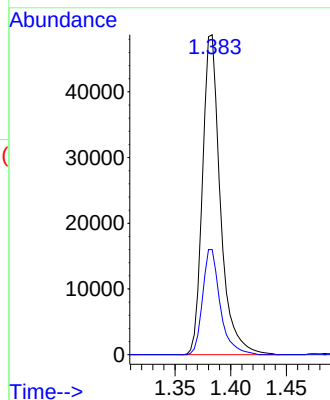
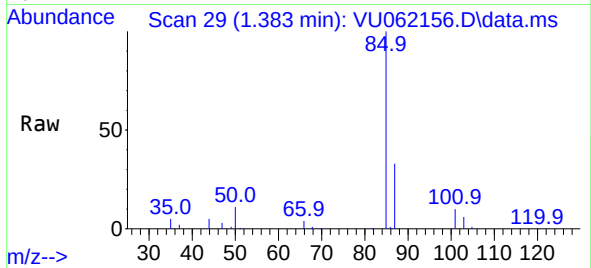
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 5.222 ug/L
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU062156.D
Acq: 09 Dec 2024 13:27

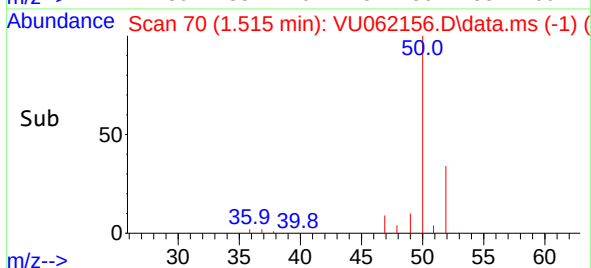
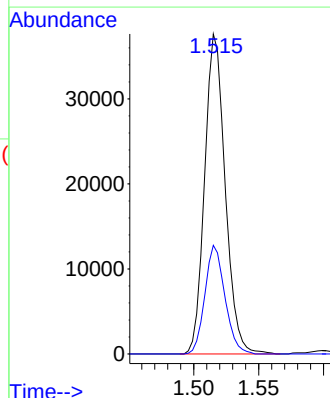
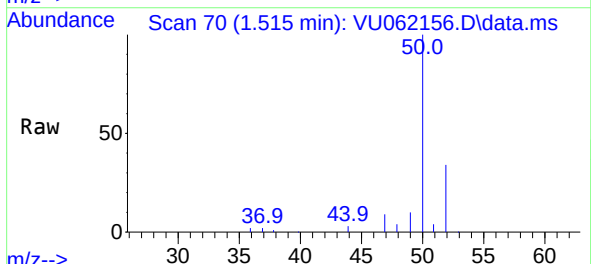
Instrument :
MSVOA_U
ClientSampleId :

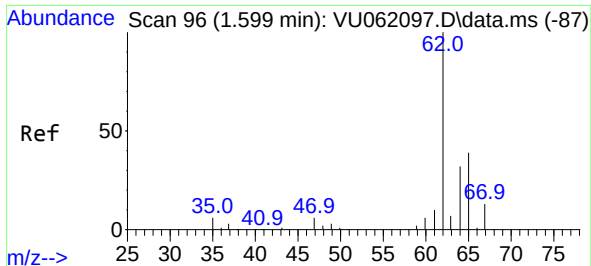
Tgt Ion: 85 Resp: 54338
Ion Ratio Lower Upper
85 100
87 32.4 26.6 40.0



#3
Chloromethane
Concen: 5.086 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU062156.D
Acq: 09 Dec 2024 13:27

Tgt Ion: 50 Resp: 41485
Ion Ratio Lower Upper
50 100
52 33.9 23.1 42.9

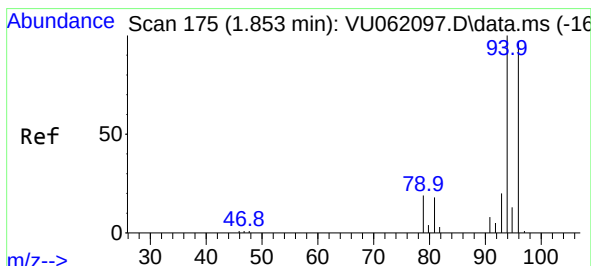
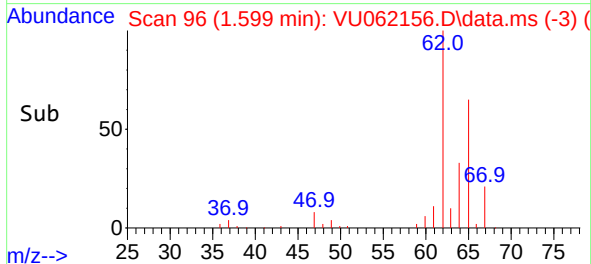
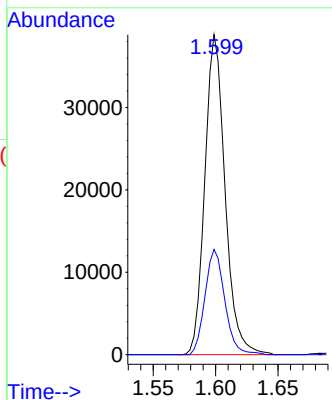
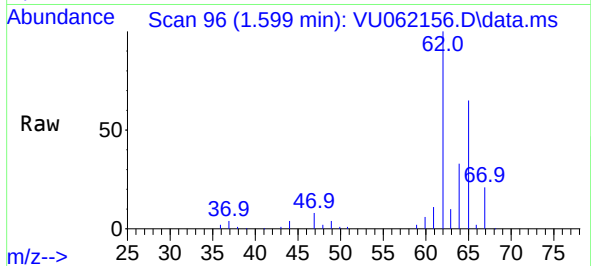




#5
Vinyl chloride
Concen: 5.172 ug/L
RT: 1.599 min Scan# 90
Delta R.T. -0.000 min
Lab File: VU062156.D
Acq: 09 Dec 2024 13:27

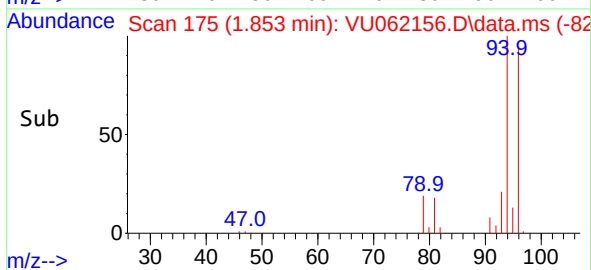
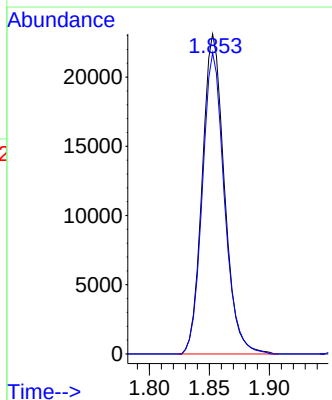
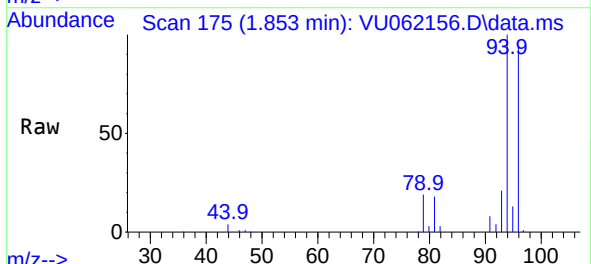
Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 43921
Ion Ratio Lower Upper
62 100
64 32.9 23.1 42.9

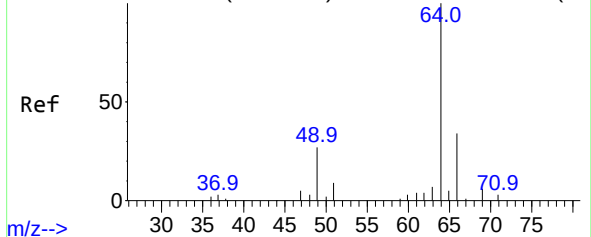


#6
Bromomethane
Concen: 5.249 ug/L
RT: 1.853 min Scan# 175
Delta R.T. -0.000 min
Lab File: VU062156.D
Acq: 09 Dec 2024 13:27

Tgt Ion: 94 Resp: 29712
Ion Ratio Lower Upper
94 100
96 94.1 64.5 119.9



Abundance Scan 199 (1.930 min): VU062097.D\data.ms (-18



#8

Chloroethane

Concen: 4.853 ug/L

RT: 1.927 min Scan# 199

Delta R.T. -0.003 min

Lab File: VU062156.D

Acq: 09 Dec 2024 13:27

Instrument :

MSVOA_U

ClientSampleId :

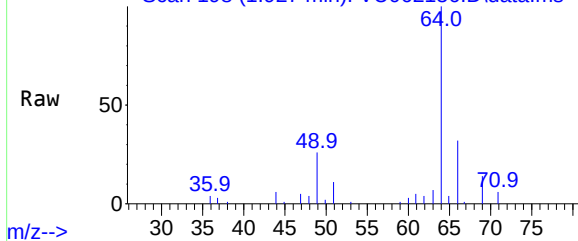
Tgt Ion: 64 Resp: 23084

Ion Ratio Lower Upper

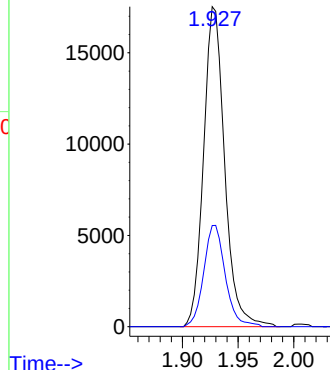
64 100

66 31.6 23.2 43.2

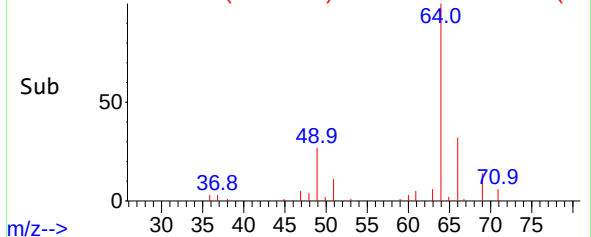
Abundance Scan 198 (1.927 min): VU062156.D\data.ms



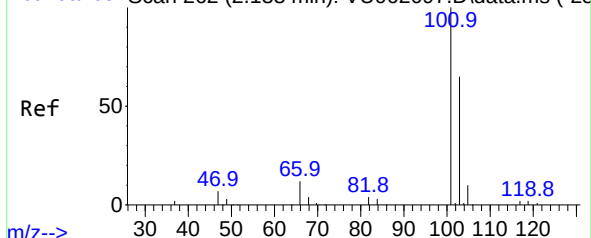
Abundance



Abundance Scan 198 (1.927 min): VU062156.D\data.ms (-10



Abundance Scan 262 (2.133 min): VU062097.D\data.ms (-25



#9

Trichlorofluoromethane

Concen: 5.074 ug/L

RT: 2.132 min Scan# 262

Delta R.T. -0.000 min

Lab File: VU062156.D

Acq: 09 Dec 2024 13:27

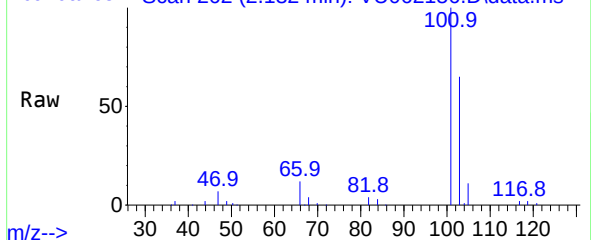
Tgt Ion:101 Resp: 74789

Ion Ratio Lower Upper

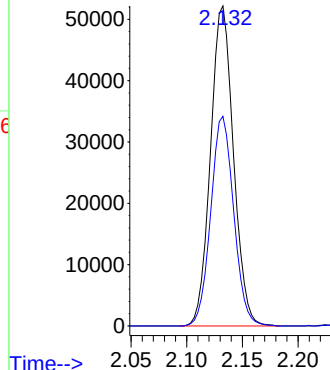
101 100

103 65.5 50.6 75.8

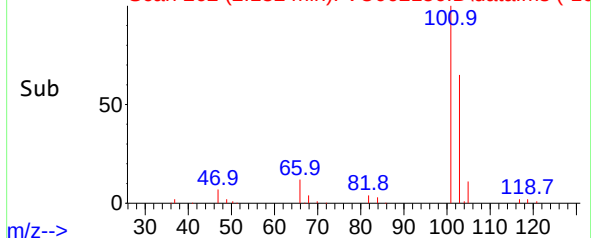
Abundance Scan 262 (2.132 min): VU062156.D\data.ms

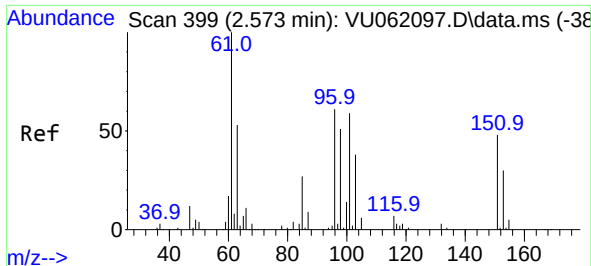


Abundance



Abundance Scan 262 (2.132 min): VU062156.D\data.ms (-16

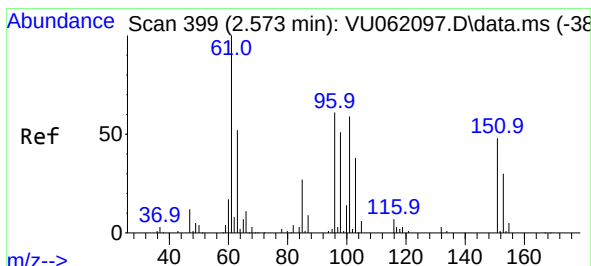
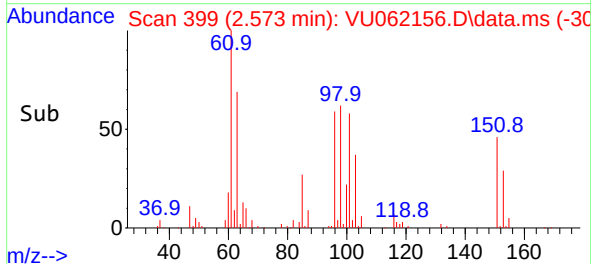
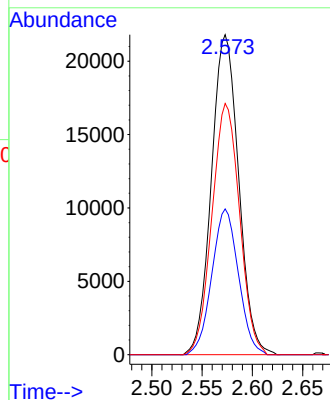
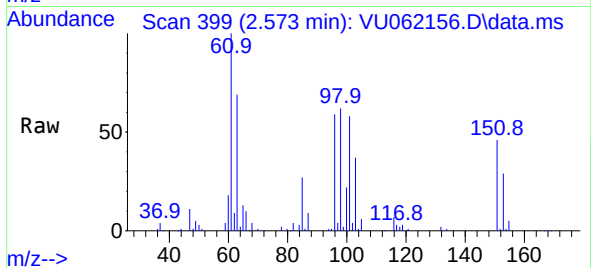




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.125 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU062156.D
Acq: 09 Dec 2024 13:27

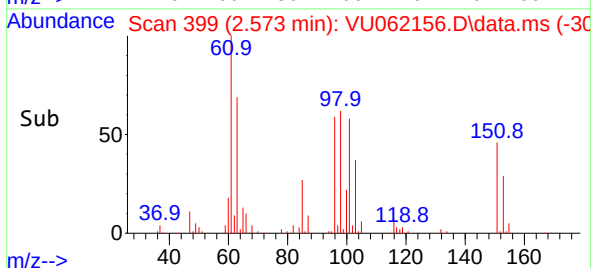
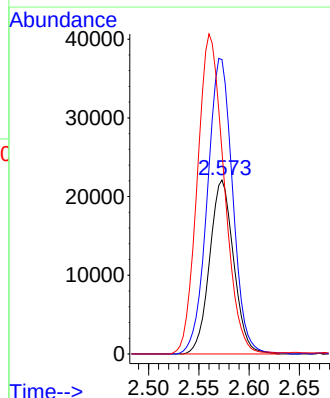
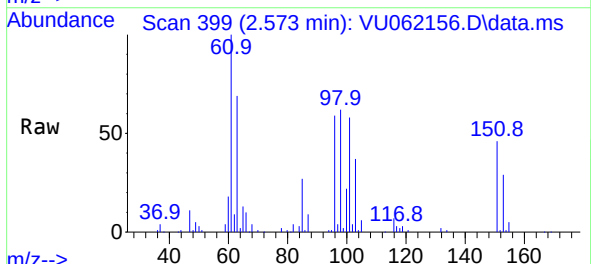
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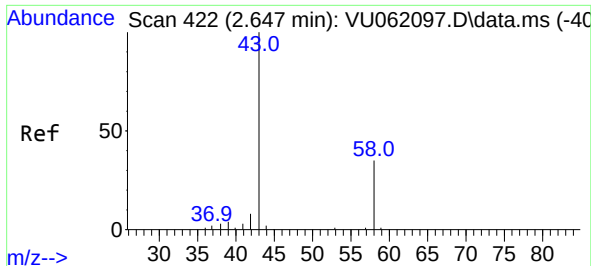
Tgt Ion:101 Resp: 41116
Ion Ratio Lower Upper
101 100
85 44.4 38.0 57.0
151 79.5 55.3 82.9



#12
1,1-Dichloroethene
Concen: 4.891 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU062156.D
Acq: 09 Dec 2024 13:27

Tgt Ion: 96 Resp: 36685
Ion Ratio Lower Upper
96 100
61 169.3 119.6 222.2
63 116.7 65.0 120.6





#13

Acetone

Concen: 50.569 ug/L

RT: 2.644 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU062156.D

Acq: 09 Dec 2024 13:27

Instrument :

MSVOA_U

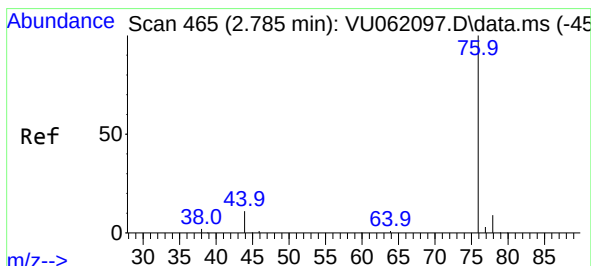
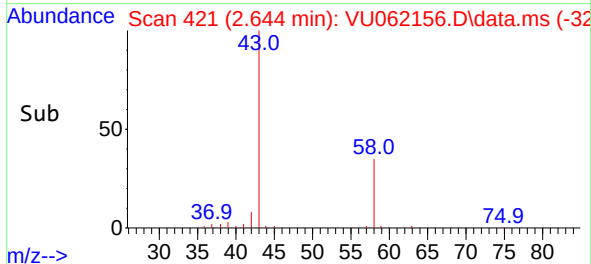
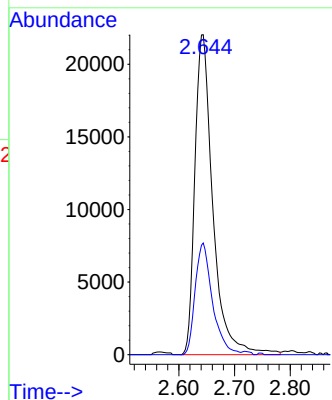
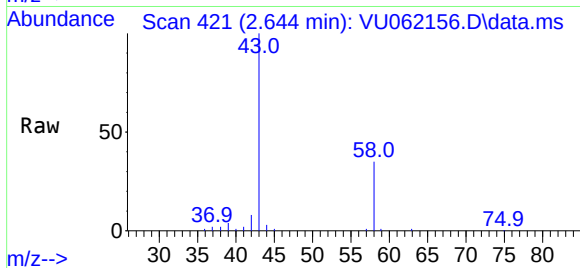
ClientSampleId :

Tgt Ion: 43 Resp: 49444

Ion Ratio Lower Upper

43 100

58 33.5 0.0 64.0



#14

Carbon disulfide

Concen: 4.977 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.000 min

Lab File: VU062156.D

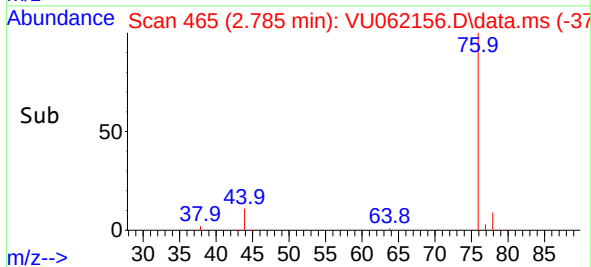
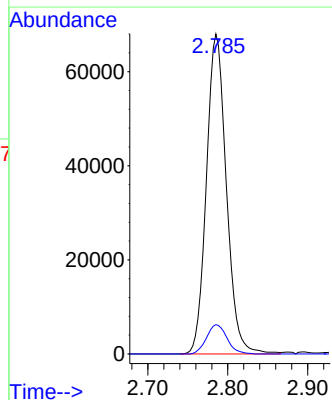
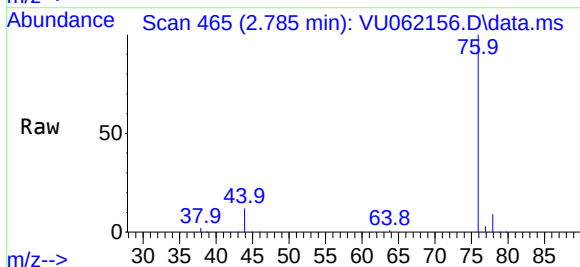
Acq: 09 Dec 2024 13:27

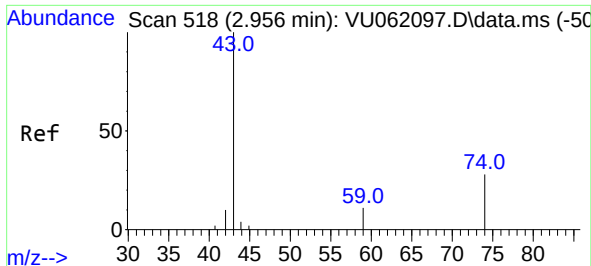
Tgt Ion: 76 Resp: 118044

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3

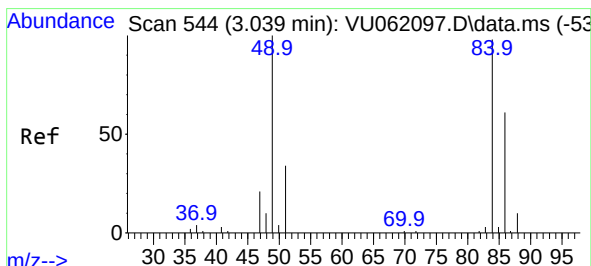
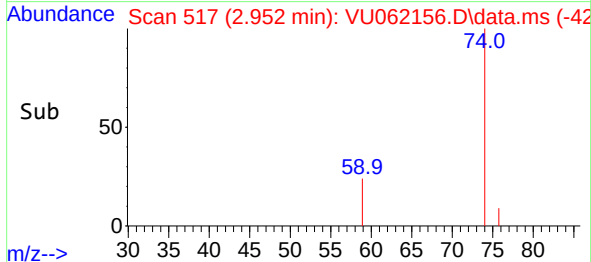
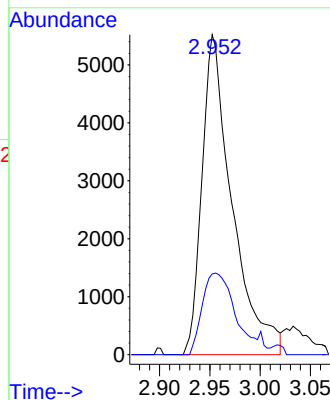
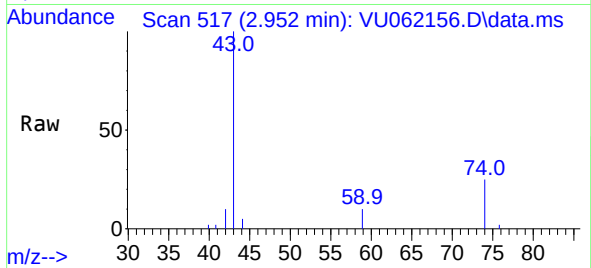




#15
Methyl Acetate
Concen: 4.692 ug/L
RT: 2.952 min Scan# 511
Delta R.T. -0.003 min
Lab File: VU062156.D
Acq: 09 Dec 2024 13:27

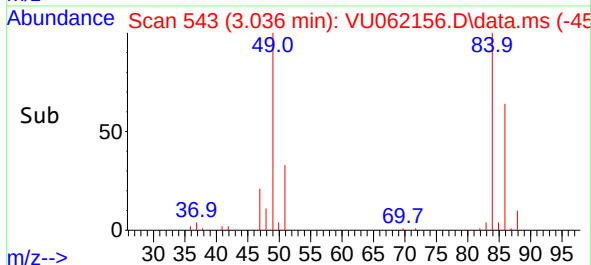
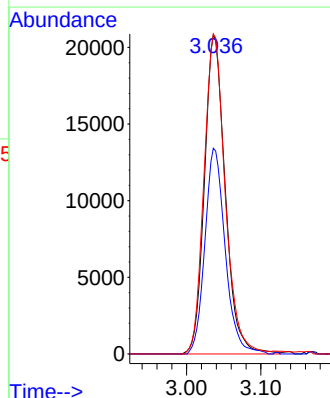
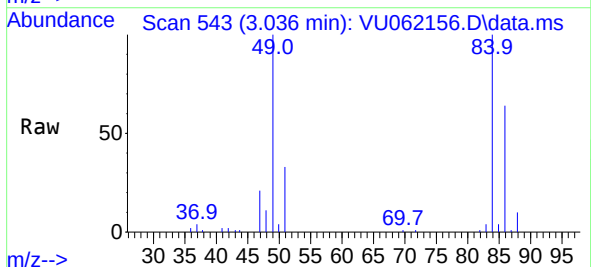
Instrument :
MSVOA_U
ClientSampleId :

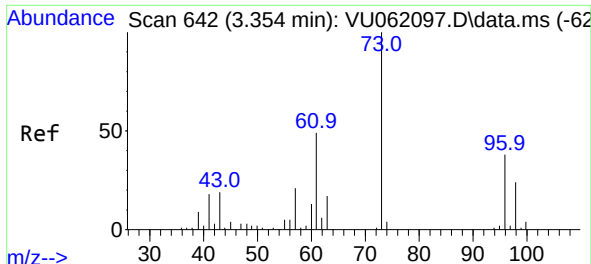
Tgt Ion: 43 Resp: 11497
Ion Ratio Lower Upper
43 100
74 28.8 19.4 29.2



#16
Methylene chloride
Concen: 5.129 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.003 min
Lab File: VU062156.D
Acq: 09 Dec 2024 13:27

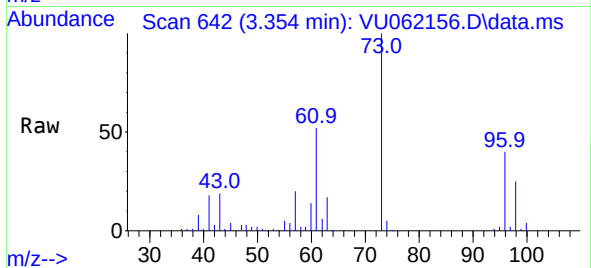
Tgt Ion: 84 Resp: 40385
Ion Ratio Lower Upper
84 100
86 64.4 43.5 80.7
49 100.2 81.9 152.1



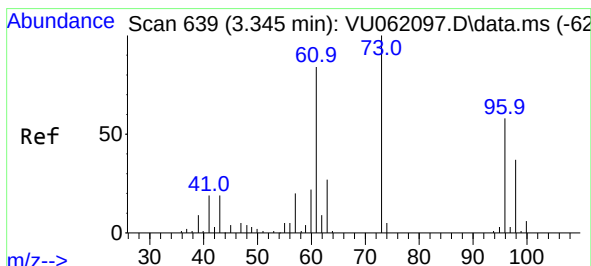
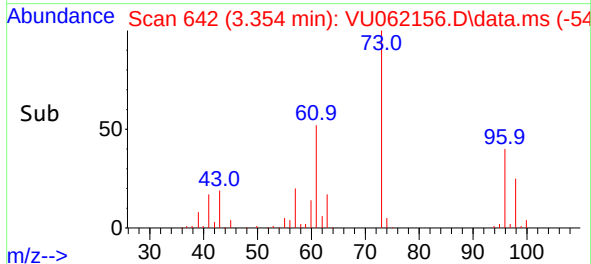
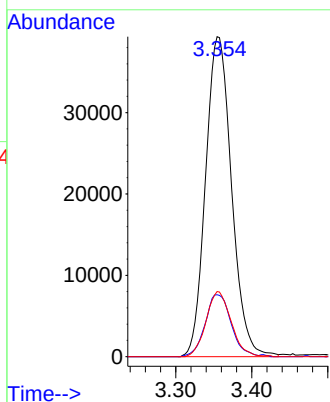


#17
Methyl tert-butyl Ether
Concen: 5.005 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU062156.D
Acq: 09 Dec 2024 13:27

Instrument :
MSVOA_U
ClientSampleId :

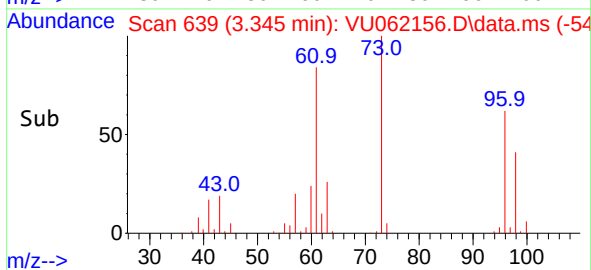
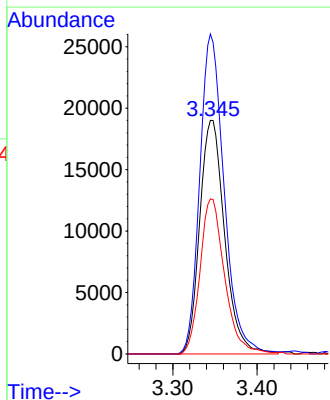
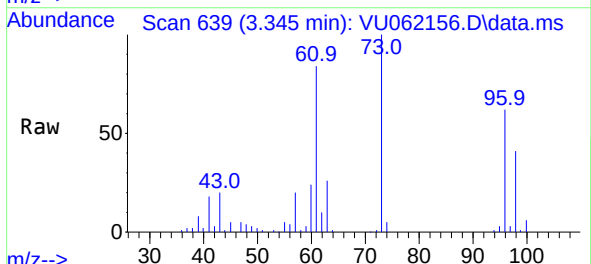


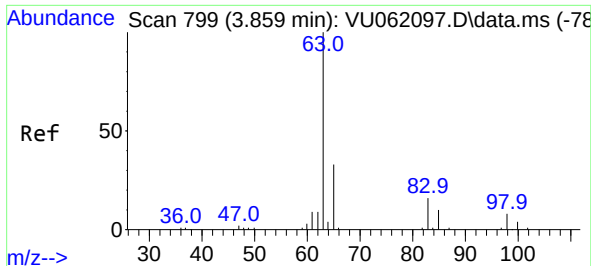
Tgt Ion: 73 Resp: 93526
Ion Ratio Lower Upper
73 100
43 19.3 16.3 24.5
57 19.6 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 5.078 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.000 min
Lab File: VU062156.D
Acq: 09 Dec 2024 13:27

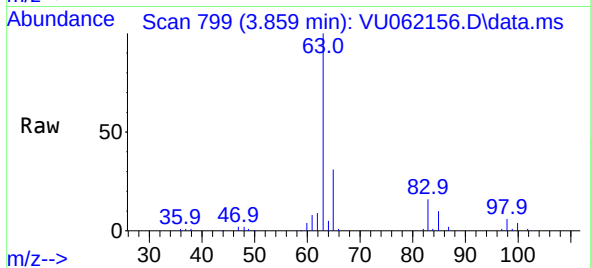
Tgt Ion: 96 Resp: 39132
Ion Ratio Lower Upper
96 100
61 137.0 104.2 193.4
98 66.4 45.7 84.9





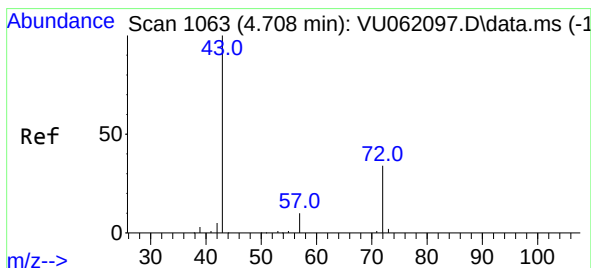
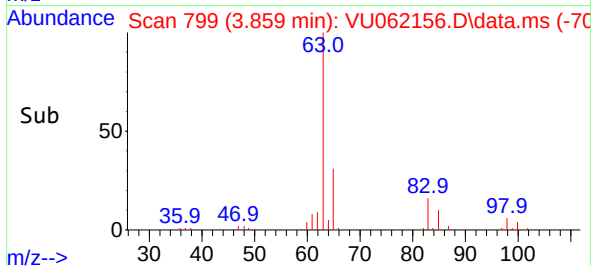
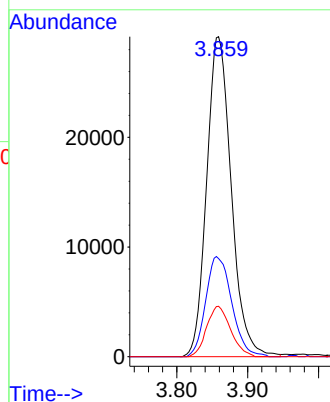
#19
1,1-Dichloroethane
Concen: 4.981 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU062156.D
Acq: 09 Dec 2024 13:27

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 63 Resp: 70365

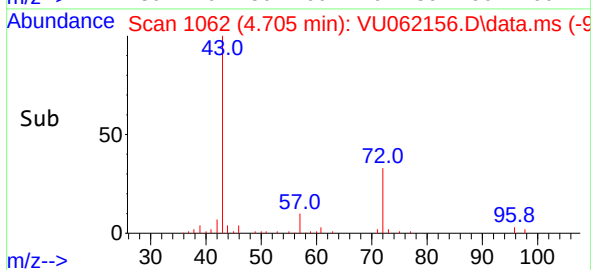
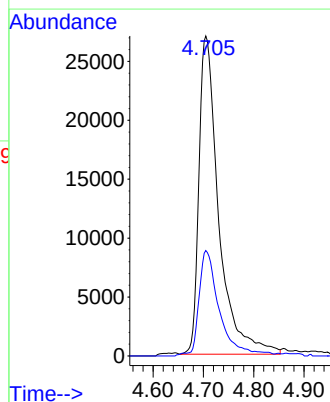
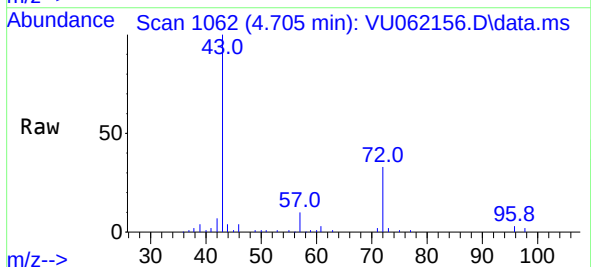
Ion	Ratio	Lower	Upper
63	100		
65	30.6	22.7	42.3
83	15.7	9.9	18.3

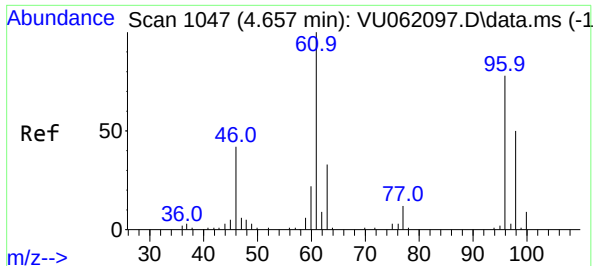


#21
2-Butanone
Concen: 52.086 ug/L
RT: 4.705 min Scan# 1062
Delta R.T. -0.003 min
Lab File: VU062156.D
Acq: 09 Dec 2024 13:27

Tgt Ion: 43 Resp: 73958

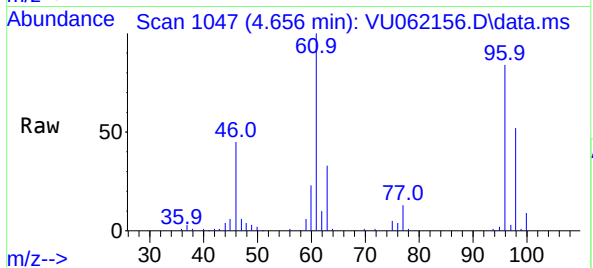
Ion	Ratio	Lower	Upper
43	100		
72	33.1	14.8	44.4



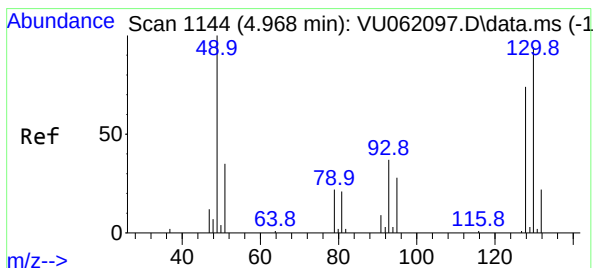
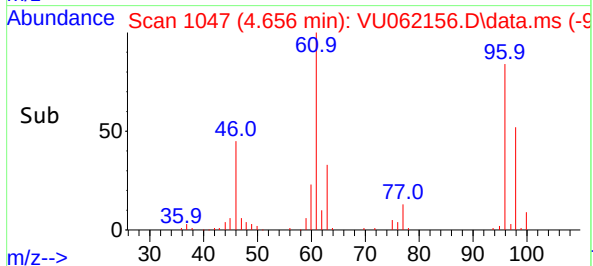
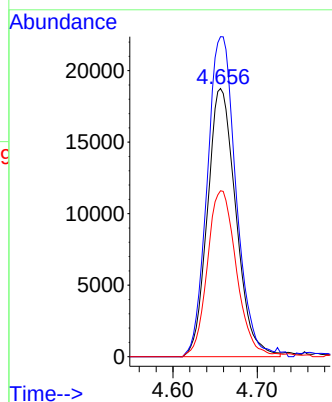


#22
 cis-1,2-Dichloroethene
 Concen: 5.091 ug/L
 RT: 4.656 min Scan# 110
 Delta R.T. -0.001 min
 Lab File: VU062156.D
 Acq: 09 Dec 2024 13:27

Instrument :
 MSVOA_U
 ClientSampleId :

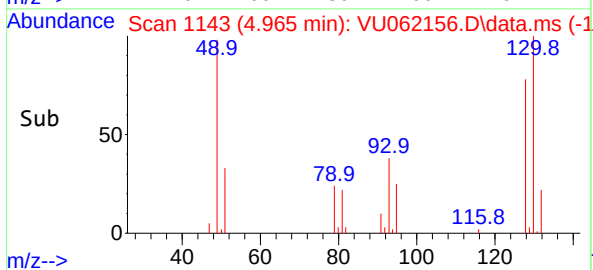
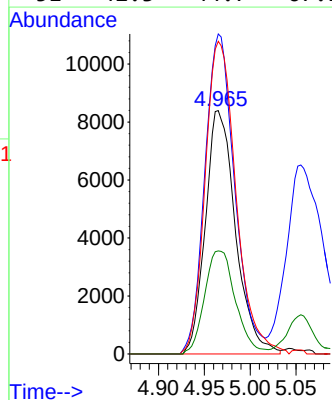
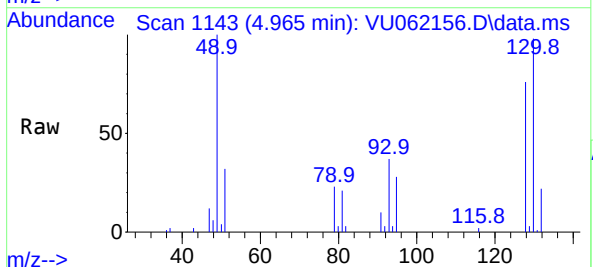


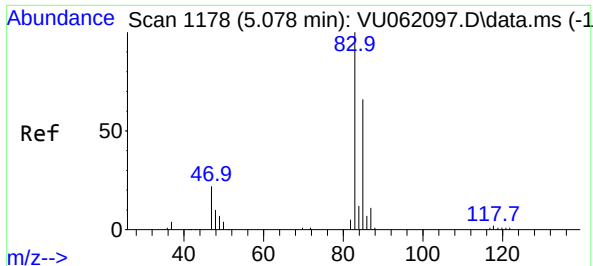
Tgt Ion: 96 Resp: 43976
 Ion Ratio Lower Upper
 96 100
 61 119.3 92.0 170.8
 98 61.9 44.5 82.7



#23
 Bromochloromethane
 Concen: 5.076 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. -0.003 min
 Lab File: VU062156.D
 Acq: 09 Dec 2024 13:27

Tgt Ion: 128 Resp: 19219
 Ion Ratio Lower Upper
 128 100
 49 131.5 115.3 214.1
 130 128.4 92.0 170.8
 51 42.3 44.7 67.1#

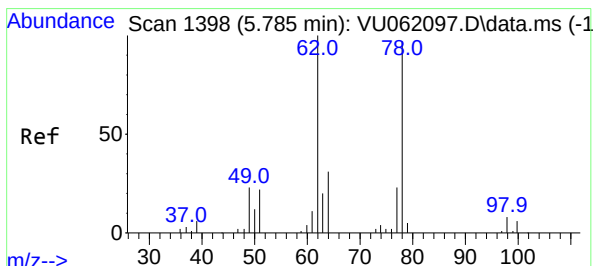
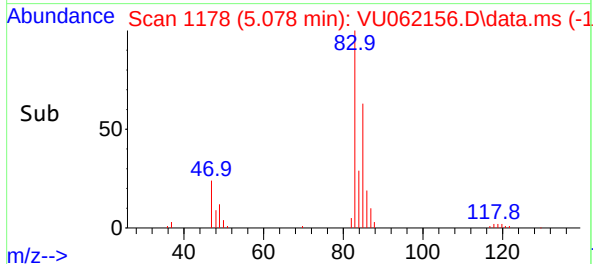
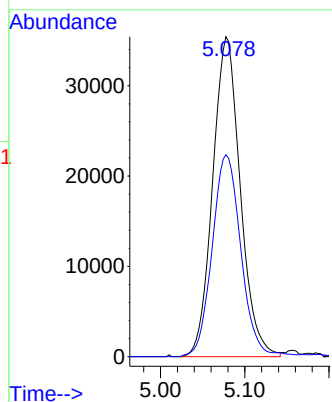
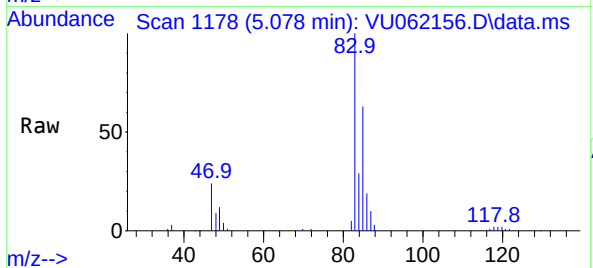




#25
Chloroform
Concen: 5.061 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VU062156.D
Acq: 09 Dec 2024 13:27

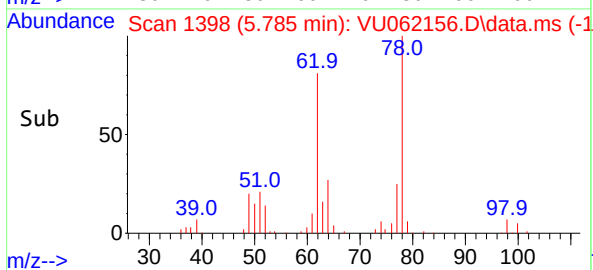
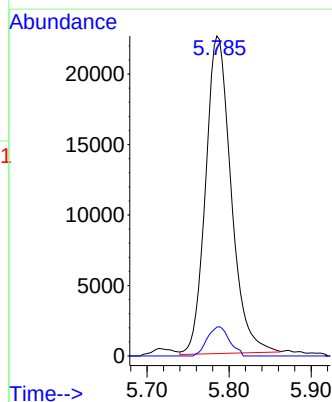
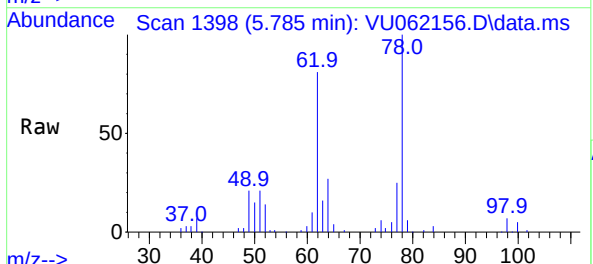
Instrument :
MSVOA_U
ClientSampleId :

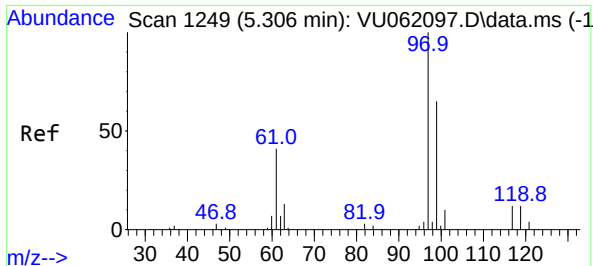
Tgt Ion: 83 Resp: 80521
Ion Ratio Lower Upper
83 100
85 63.1 45.4 84.2



#27
1,2-Dichloroethane
Concen: 4.815 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VU062156.D
Acq: 09 Dec 2024 13:27

Tgt Ion: 62 Resp: 48689
Ion Ratio Lower Upper
62 100
98 9.0 7.4 11.0

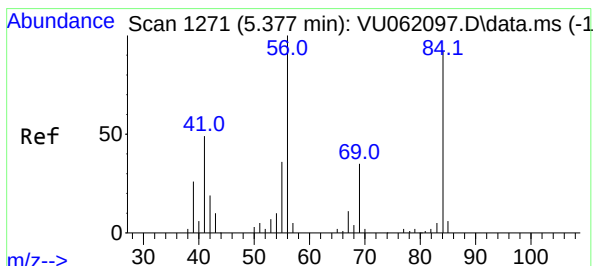
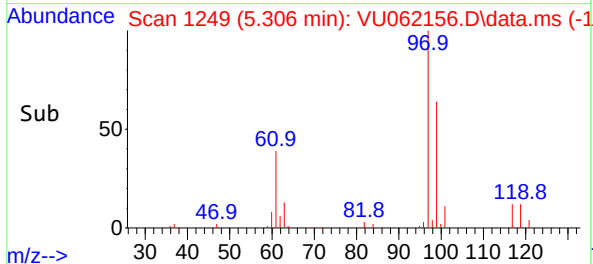
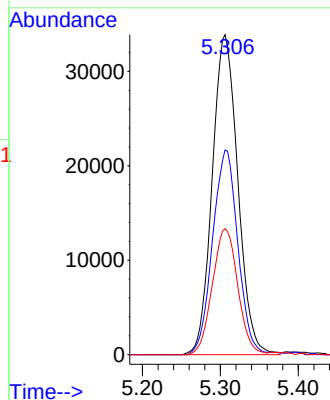
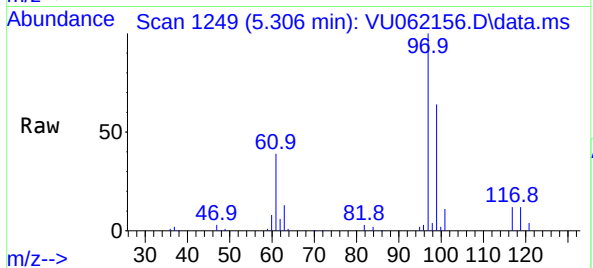




#29
1,1,1-Trichloroethane
Concen: 5.338 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU062156.D
Acq: 09 Dec 2024 13:27

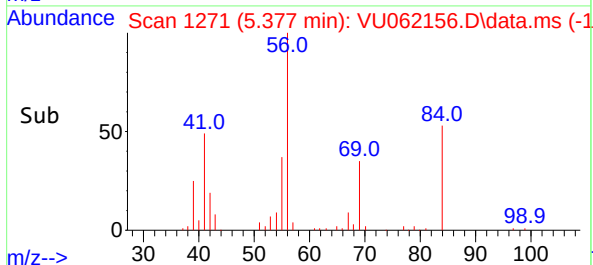
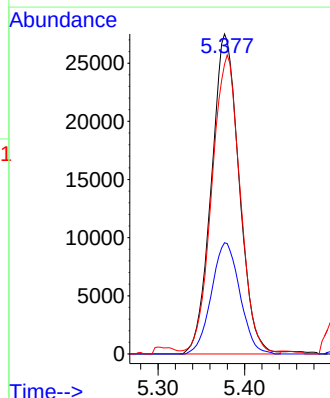
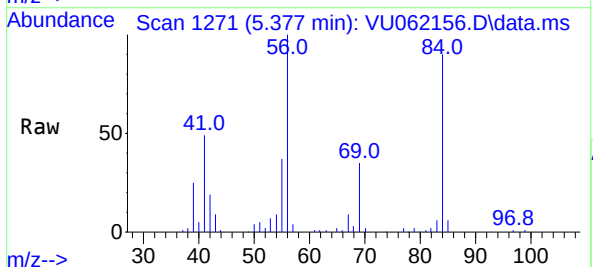
Instrument :
MSVOA_U
ClientSampleId :

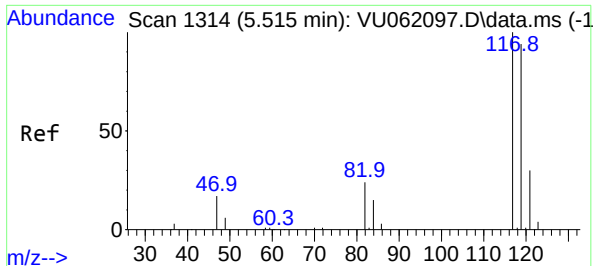
Tgt Ion:	97	Resp:	77419
Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.4	77.2
61	39.0	37.8	56.6



#30
Cyclohexane
Concen: 5.195 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. -0.000 min
Lab File: VU062156.D
Acq: 09 Dec 2024 13:27

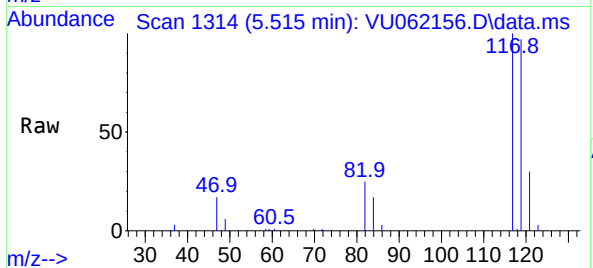
Tgt Ion:	56	Resp:	61093
Ion	Ratio	Lower	Upper
56	100		
69	35.6	25.1	37.7
84	93.9	70.6	105.8



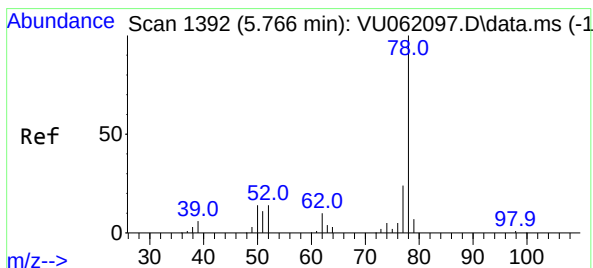
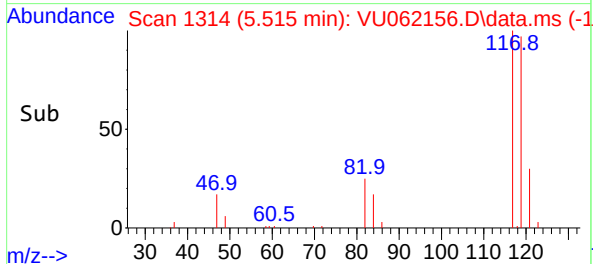
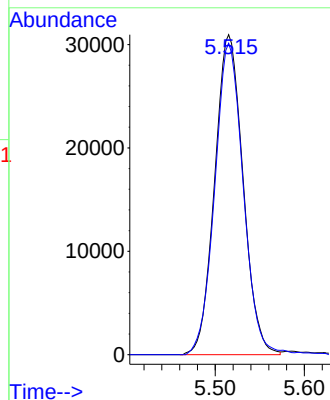


#31
Carbon tetrachloride
Concen: 5.146 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU062156.D
Acq: 09 Dec 2024 13:27

Instrument :
MSVOA_U
ClientSampleId :

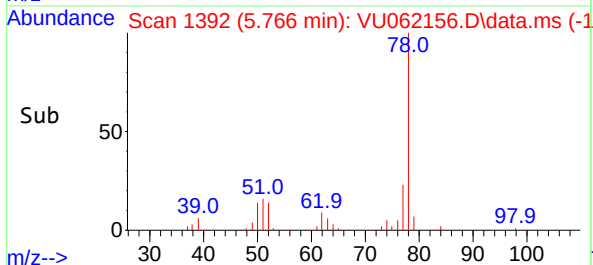
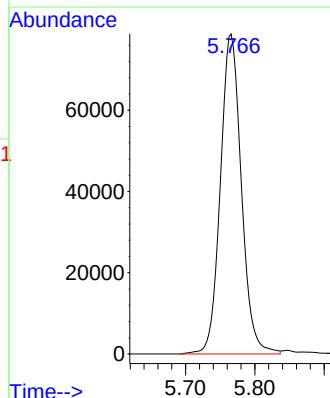
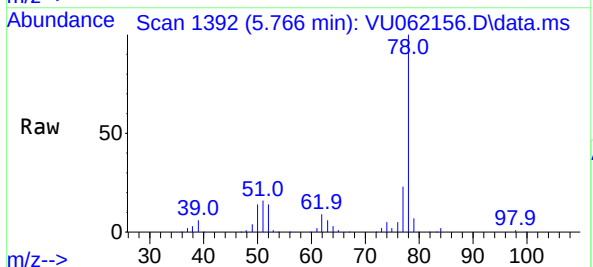


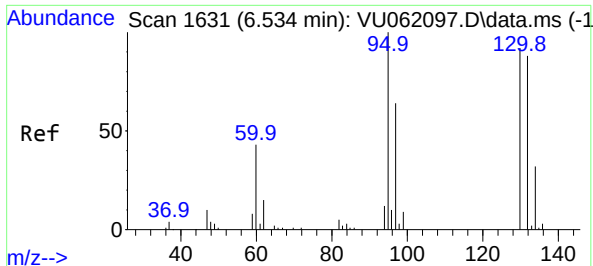
Tgt Ion:117 Resp: 68433
Ion Ratio Lower Upper
117 100
119 97.7 77.5 116.3



#33
Benzene
Concen: 5.199 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU062156.D
Acq: 09 Dec 2024 13:27

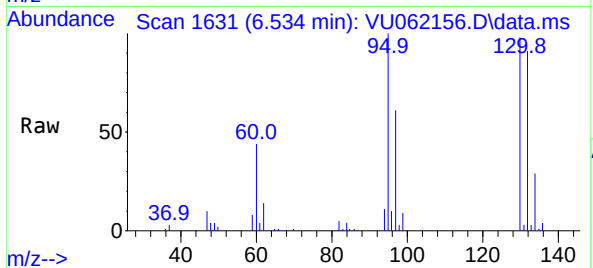
Tgt Ion: 78 Resp: 166097





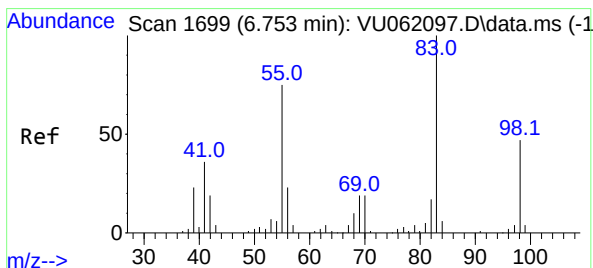
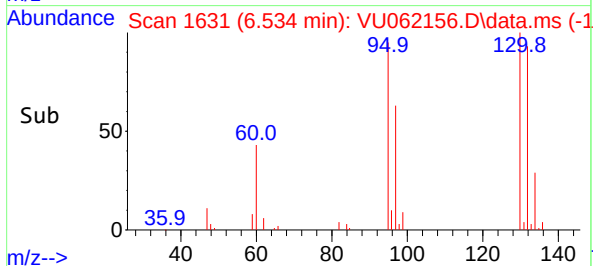
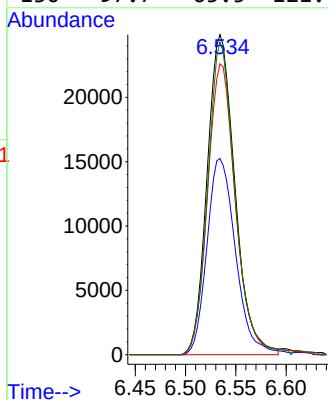
#34
Trichloroethene
Concen: 5.275 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VU062156.D
Acq: 09 Dec 2024 13:27

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 47740

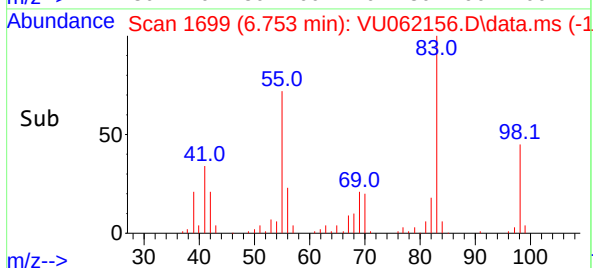
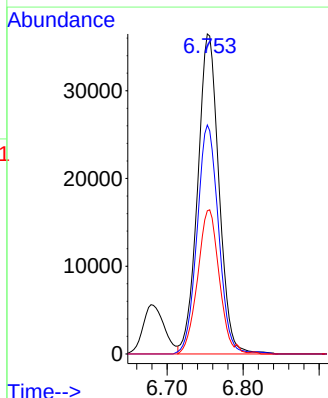
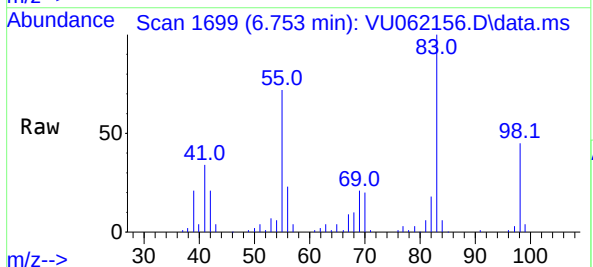
Ion	Ratio	Lower	Upper
95	100		
97	61.3	45.9	85.3
132	90.9	63.8	118.4
130	97.7	65.5	121.7

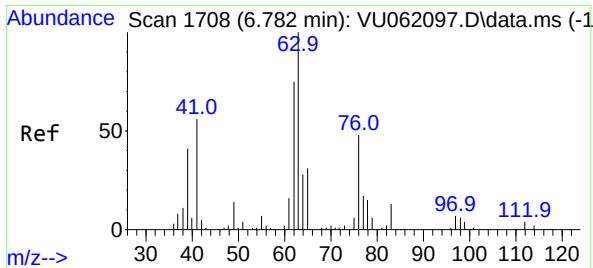


#35
Methylcyclohexane
Concen: 5.286 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VU062156.D
Acq: 09 Dec 2024 13:27

Tgt Ion: 83 Resp: 70928

Ion	Ratio	Lower	Upper
83	100		
55	71.9	60.7	91.1
98	45.8	34.8	52.2

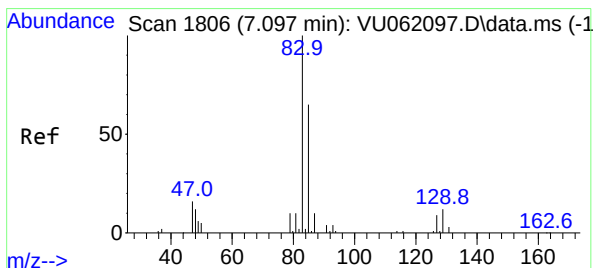
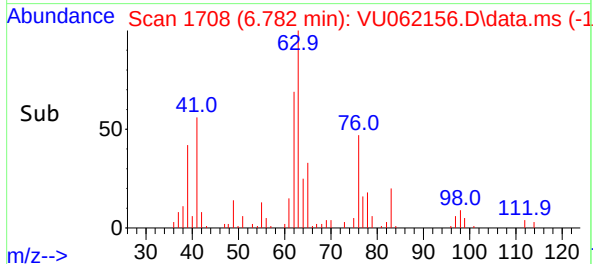
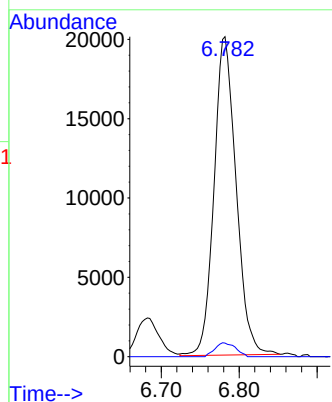
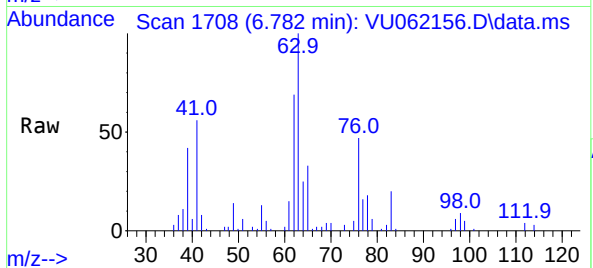




#37
1,2-Dichloropropane
Concen: 5.073 ug/L
RT: 6.782 min Scan# 1708
Delta R.T. -0.000 min
Lab File: VU062156.D
Acq: 09 Dec 2024 13:27

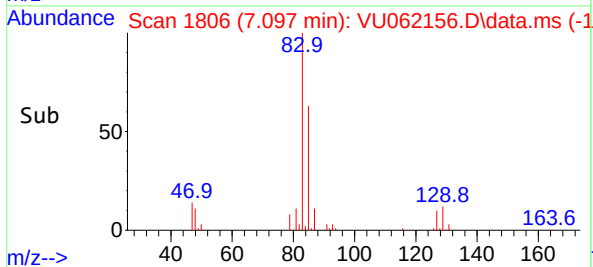
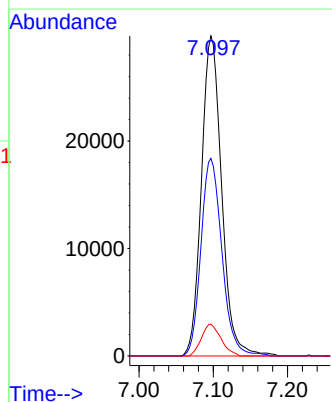
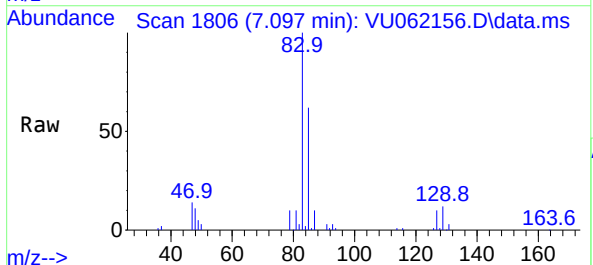
Instrument :
MSVOA_U
ClientSampleId :

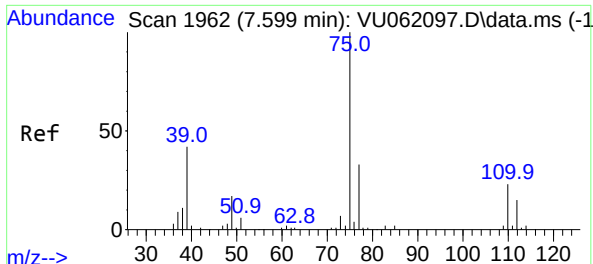
Tgt Ion: 63 Resp: 39472
Ion Ratio Lower Upper
63 100
112 4.1 3.4 5.0



#38
Bromodichloromethane
Concen: 5.136 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU062156.D
Acq: 09 Dec 2024 13:27

Tgt Ion: 83 Resp: 56384
Ion Ratio Lower Upper
83 100
85 61.8 44.1 81.9
127 9.9 6.9 10.3

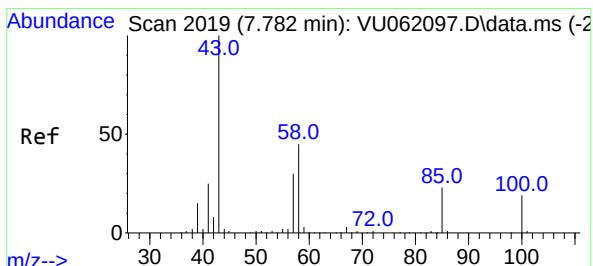
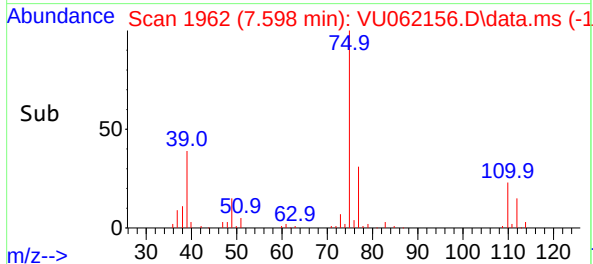
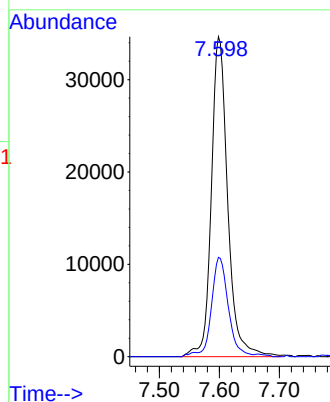
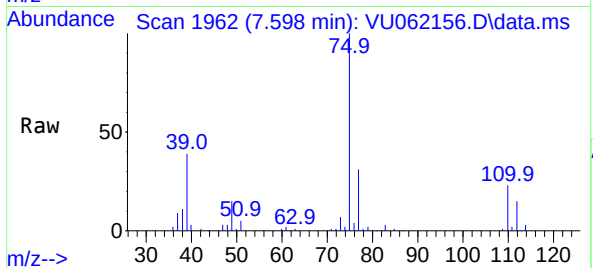




#39
cis-1,3-Dichloropropene
Concen: 5.272 ug/L
RT: 7.598 min Scan# 1962
Delta R.T. -0.000 min
Lab File: VU062156.D
Acq: 09 Dec 2024 13:27

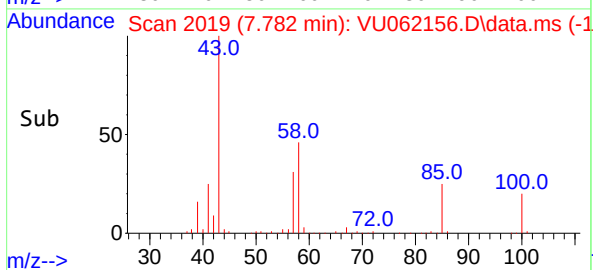
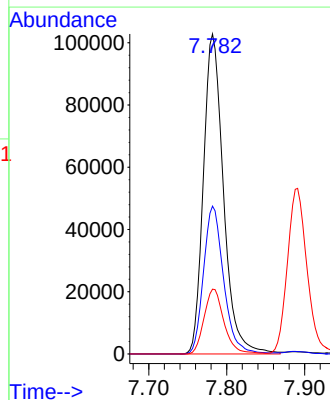
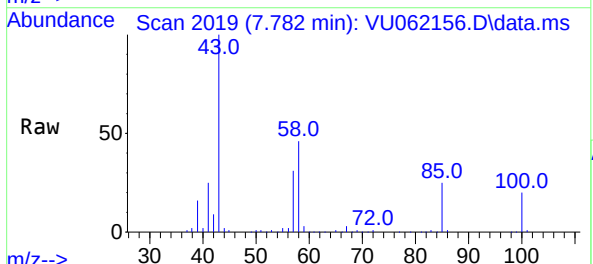
Instrument :
MSVOA_U
ClientSampleId :

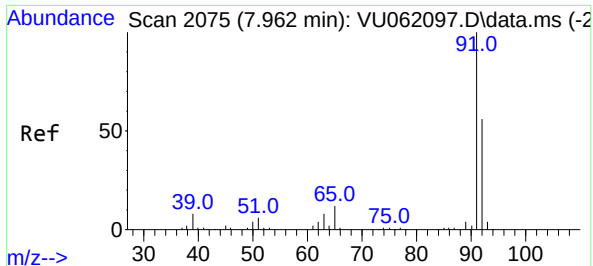
Tgt Ion: 75 Resp: 65753
Ion Ratio Lower Upper
75 100
77 31.1 22.3 41.3



#40
4-Methyl-2-pentanone
Concen: 50.515 ug/L
RT: 7.782 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VU062156.D
Acq: 09 Dec 2024 13:27

Tgt Ion: 43 Resp: 184208
Ion Ratio Lower Upper
43 100
58 46.2 33.3 49.9
100 20.1 12.4 18.6#





#42

Toluene

Concen: 5.287 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU062156.D

Acq: 09 Dec 2024 13:27

Instrument :

MSVOA_U

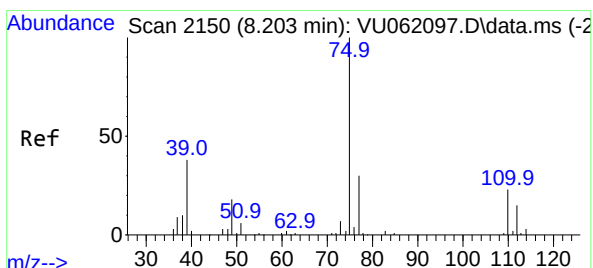
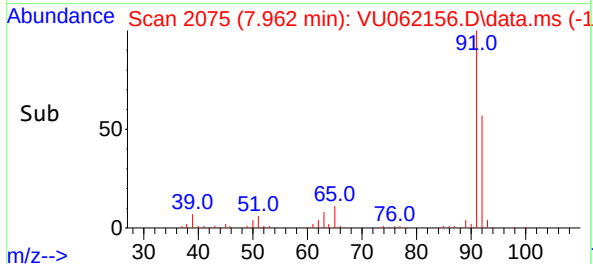
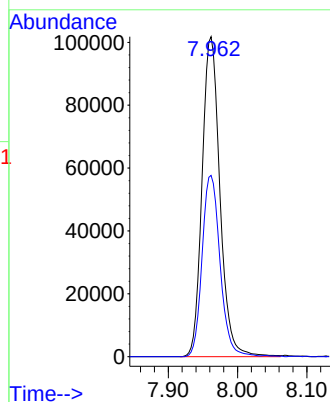
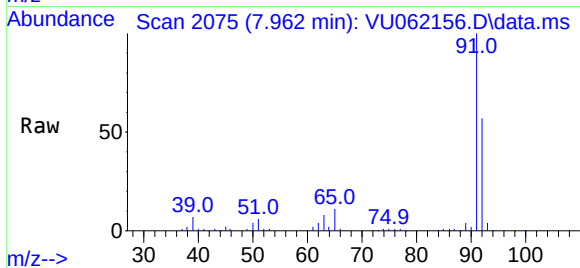
ClientSampleId :

Tgt Ion: 91 Resp: 182157

Ion Ratio Lower Upper

91 100

92 56.7 39.0 72.4



#44

trans-1,3-Dichloropropene

Concen: 5.253 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU062156.D

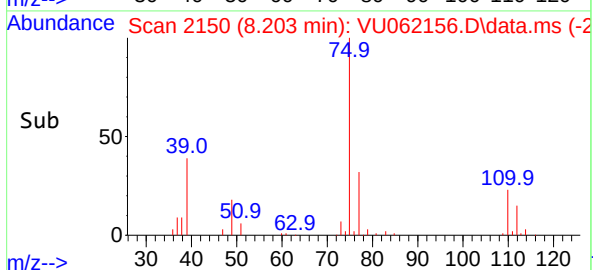
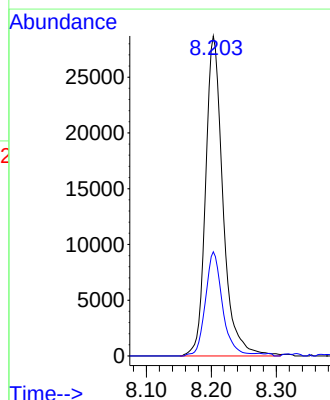
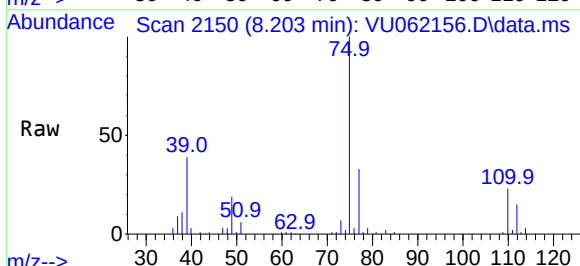
Acq: 09 Dec 2024 13:27

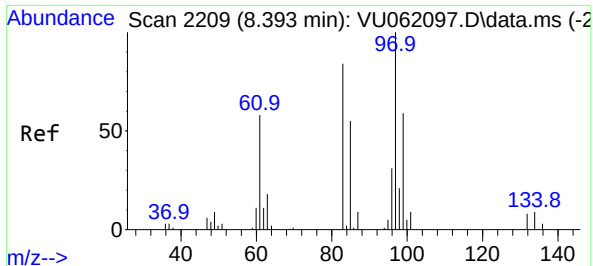
Tgt Ion: 75 Resp: 53502

Ion Ratio Lower Upper

75 100

77 32.5 21.8 40.4



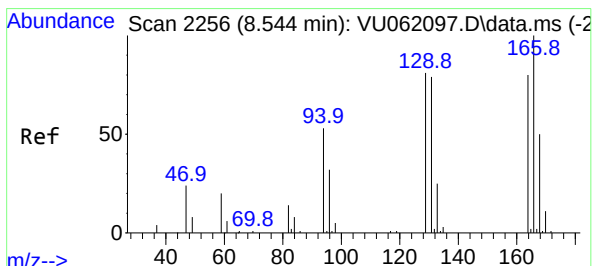
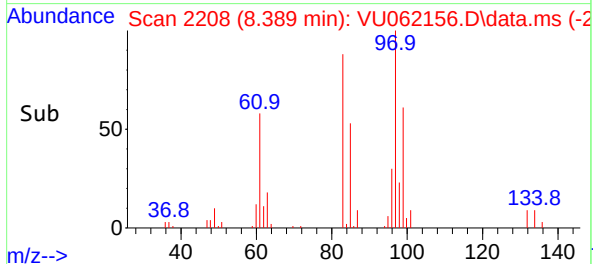
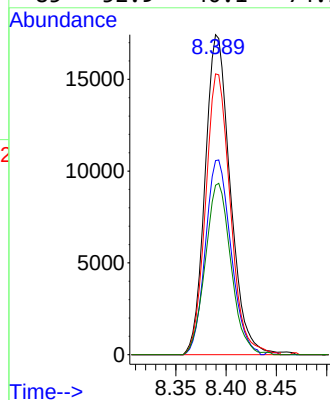
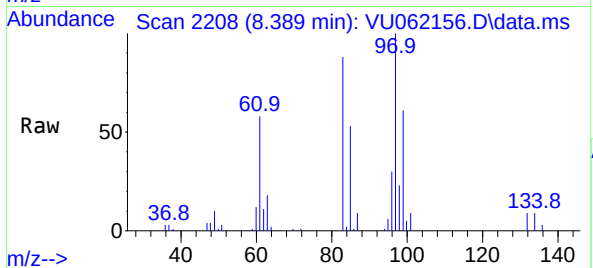


#45
1,1,2-Trichloroethane
Concen: 5.177 ug/L
RT: 8.389 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU062156.D
Acq: 09 Dec 2024 13:27

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 30409

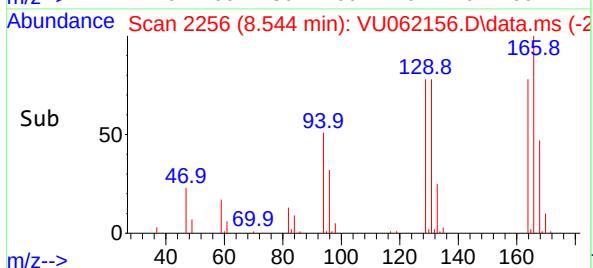
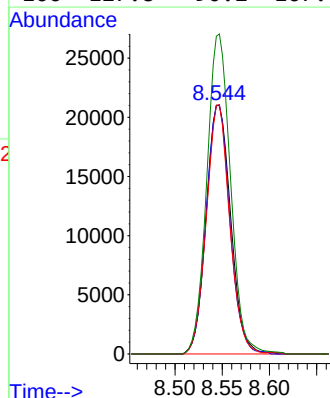
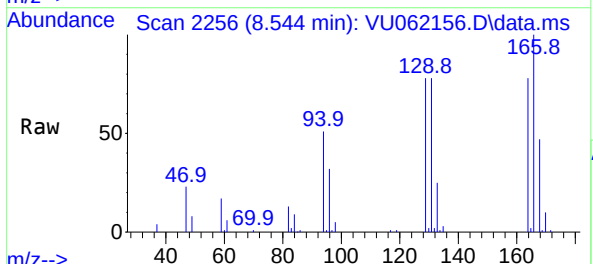
Ion	Ratio	Lower	Upper
97	100		
99	60.7	43.0	79.8
83	87.7	61.7	114.5
85	52.9	40.1	74.5

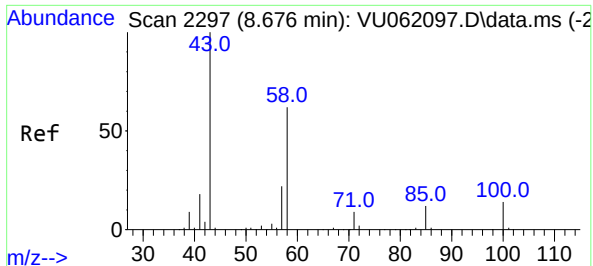


#47
Tetrachloroethene
Concen: 5.407 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU062156.D
Acq: 09 Dec 2024 13:27

Tgt Ion: 164 Resp: 37782

Ion	Ratio	Lower	Upper
164	100		
129	99.8	73.2	136.0
131	99.9	72.3	134.3
166	127.8	90.2	167.4



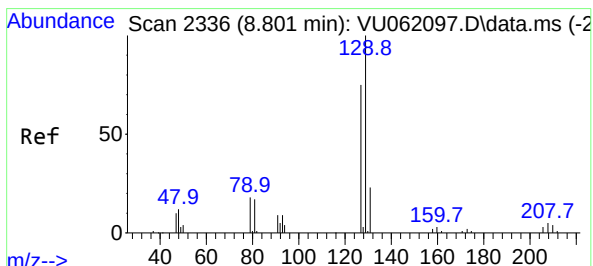
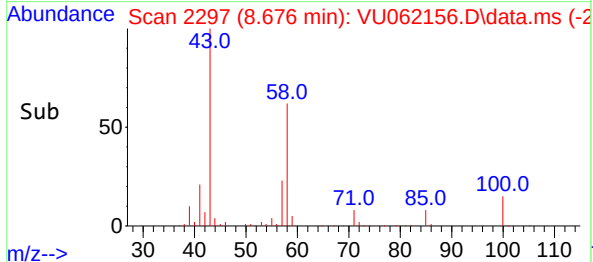
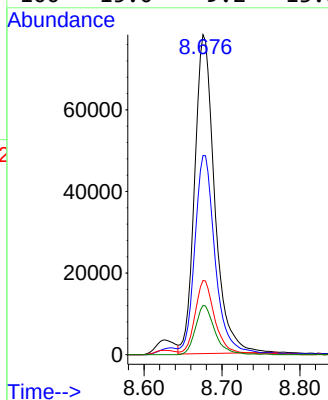
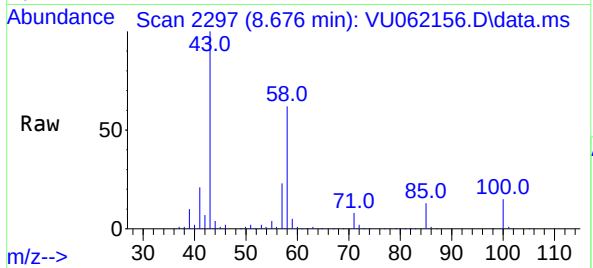


#48
2-Hexanone
Concen: 51.698 ug/L
RT: 8.676 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VU062156.D
Acq: 09 Dec 2024 13:27

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 139324

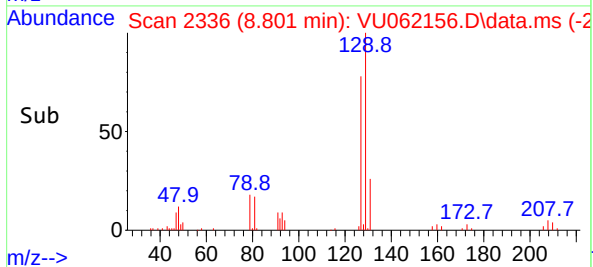
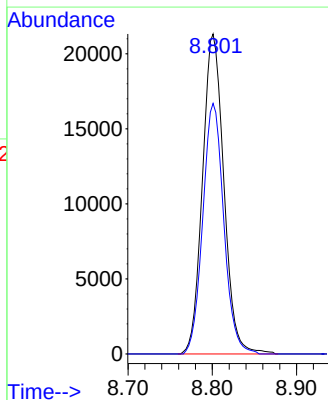
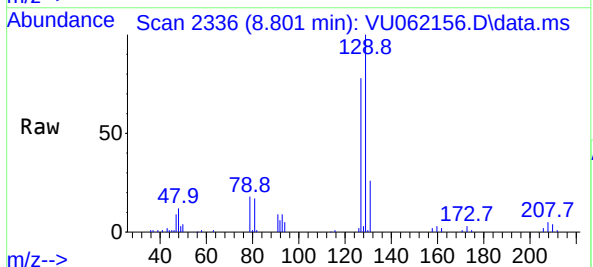
Ion	Ratio	Lower	Upper
43	100		
58	63.2	47.5	71.3
57	22.9	15.6	23.4
100	15.0	9.2	13.8

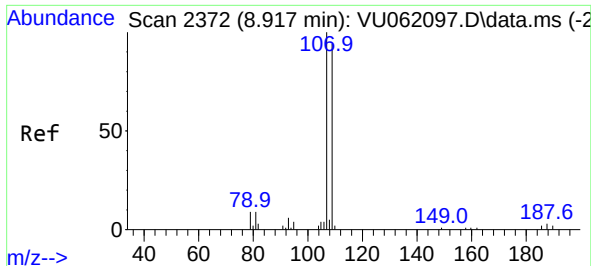


#49
Dibromochloromethane
Concen: 5.298 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU062156.D
Acq: 09 Dec 2024 13:27

Tgt Ion: 129 Resp: 37596

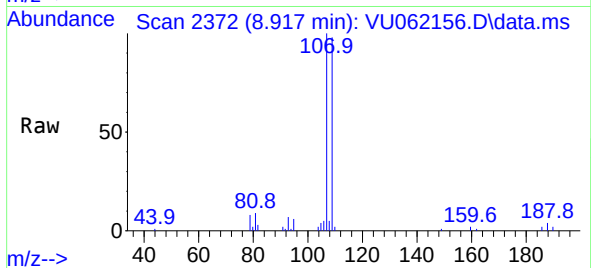
Ion	Ratio	Lower	Upper
129	100		
127	78.3	51.1	94.9



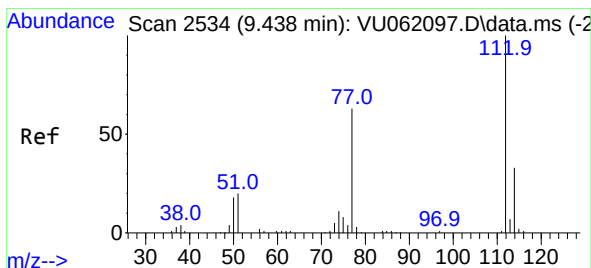
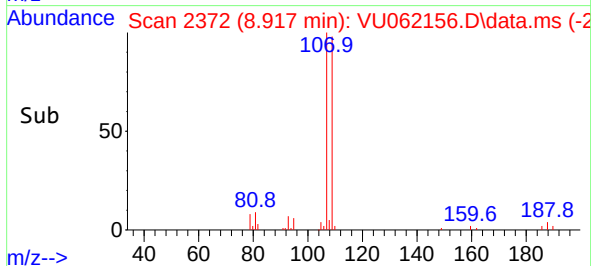
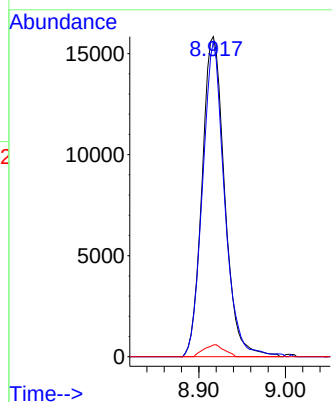


#50
1,2-Dibromoethane
Concen: 5.080 ug/L
RT: 8.917 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU062156.D
Acq: 09 Dec 2024 13:27

Instrument :
MSVOA_U
ClientSampleId :

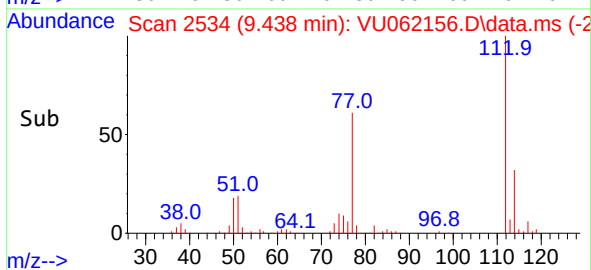
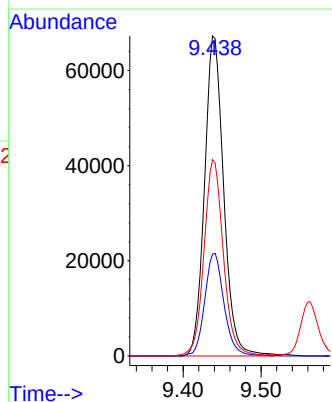
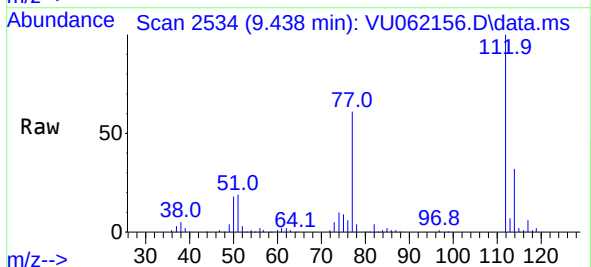


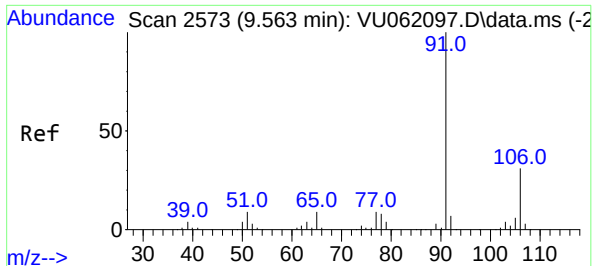
Tgt Ion:107 Resp: 28670
Ion Ratio Lower Upper
107 100
109 98.3 66.8 124.2
188 3.6 2.3 3.5#



#51
Chlorobenzene
Concen: 5.211 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. -0.000 min
Lab File: VU062156.D
Acq: 09 Dec 2024 13:27

Tgt Ion:112 Resp: 115032
Ion Ratio Lower Upper
112 100
114 31.8 23.0 42.6
77 61.4 50.5 75.7

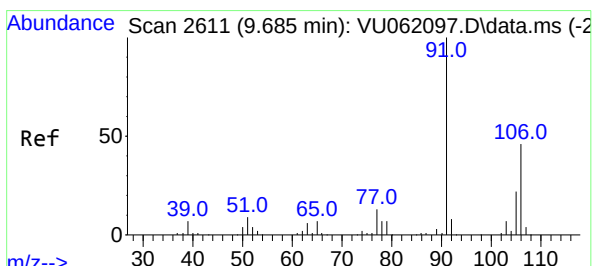
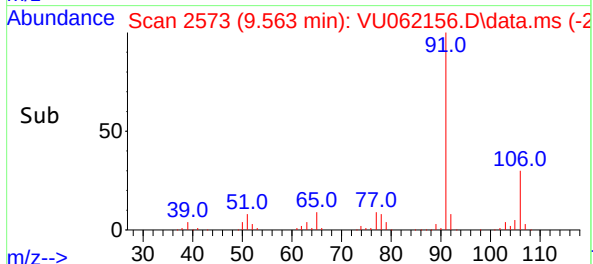
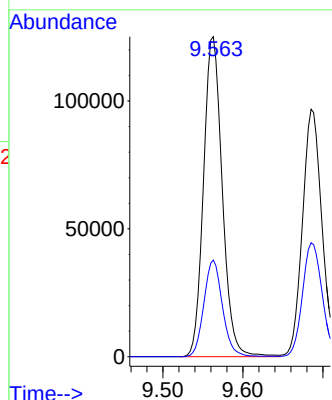
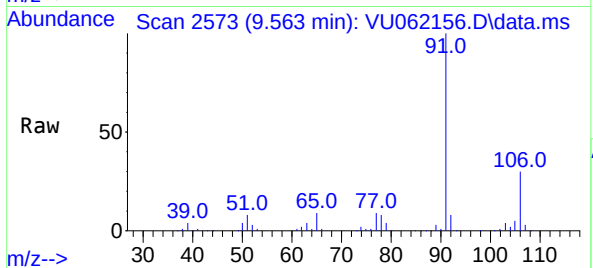




#52
Ethylbenzene
Concen: 5.301 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU062156.D
Acq: 09 Dec 2024 13:27

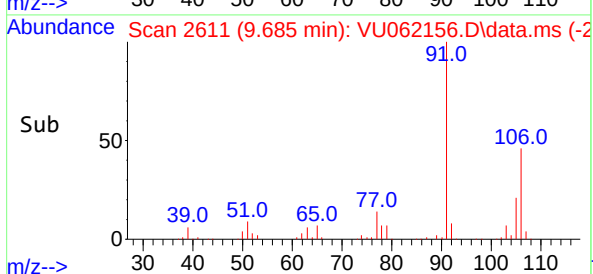
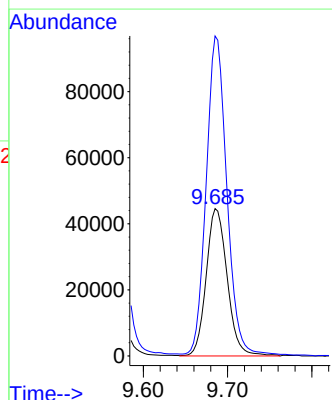
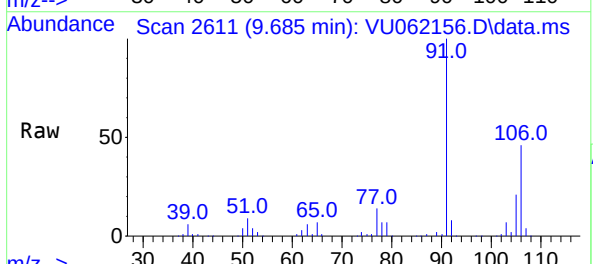
Instrument :
MSVOA_U
ClientSampleId :

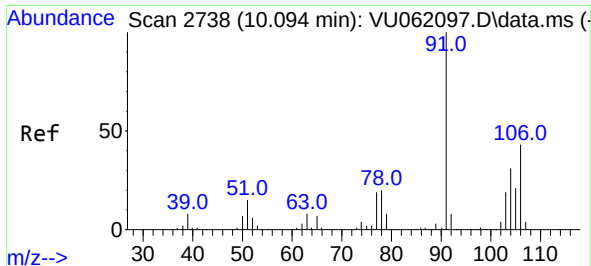
Tgt Ion: 91 Resp: 204758
Ion Ratio Lower Upper
91 100
106 30.2 21.6 40.0



#53
m,p-Xylene
Concen: 5.430 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU062156.D
Acq: 09 Dec 2024 13:27

Tgt Ion:106 Resp: 77443
Ion Ratio Lower Upper
106 100
91 217.1 147.6 274.0

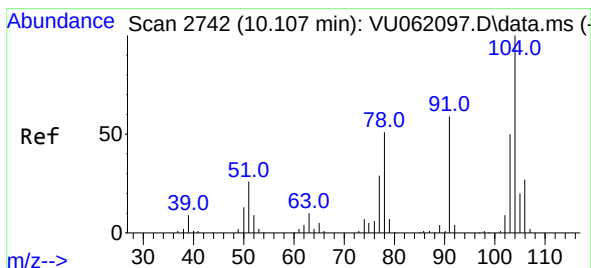
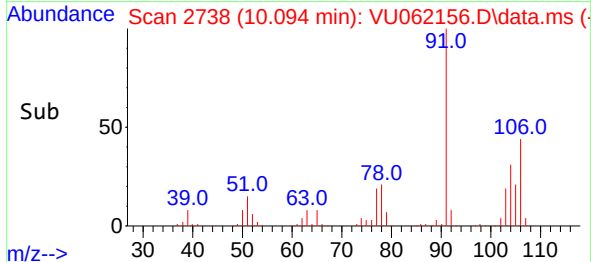
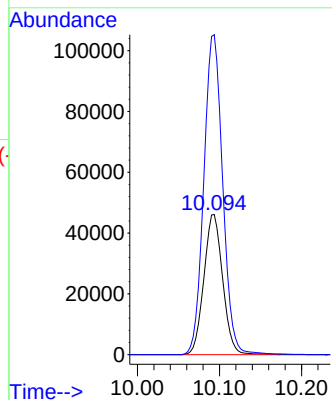
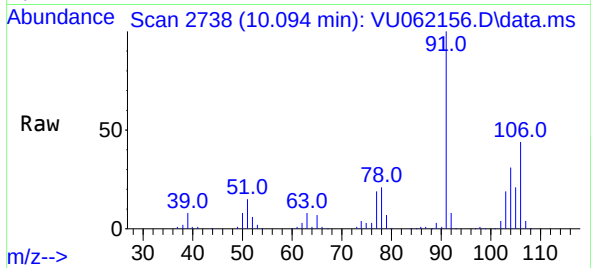




#54
o-Xylene
Concen: 5.295 ug/L
RT: 10.094 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU062156.D
Acq: 09 Dec 2024 13:27

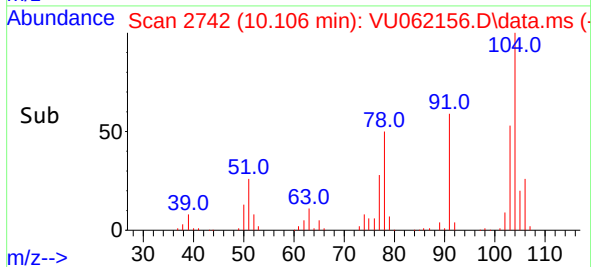
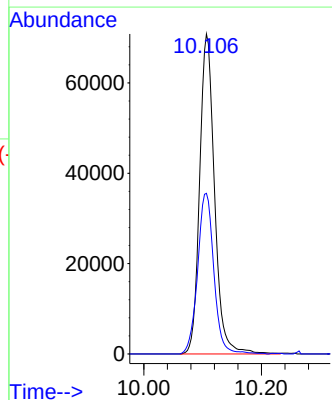
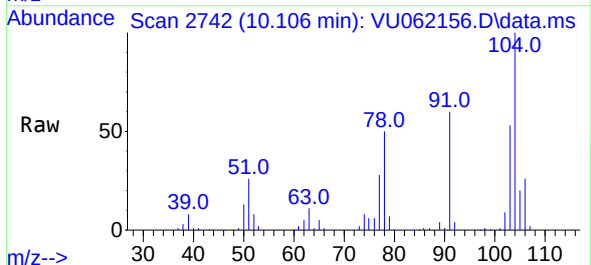
Instrument :
MSVOA_U
ClientSampleId :

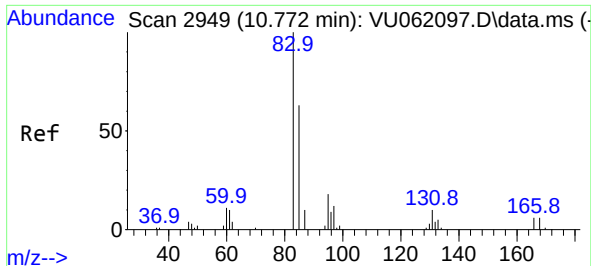
Tgt Ion:106 Resp: 73441
Ion Ratio Lower Upper
106 100
91 228.2 159.8 296.8



#55
Styrene
Concen: 5.451 ug/L
RT: 10.106 min Scan# 2742
Delta R.T. -0.000 min
Lab File: VU062156.D
Acq: 09 Dec 2024 13:27

Tgt Ion:104 Resp: 124623
Ion Ratio Lower Upper
104 100
78 50.2 33.2 61.7

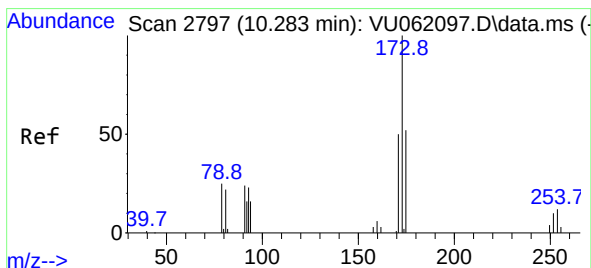
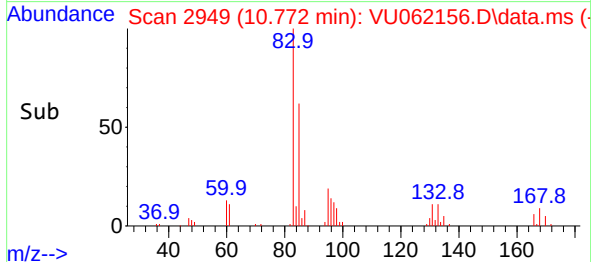
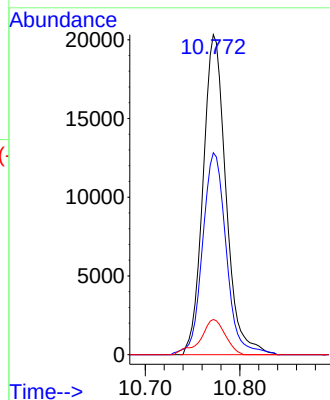
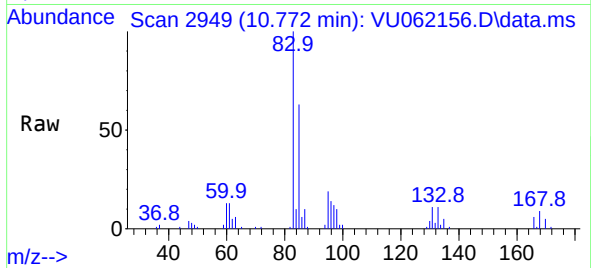




#57
1,1,2,2-Tetrachloroethane
Concen: 5.002 ug/L
RT: 10.772 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU062156.D
Acq: 09 Dec 2024 13:27

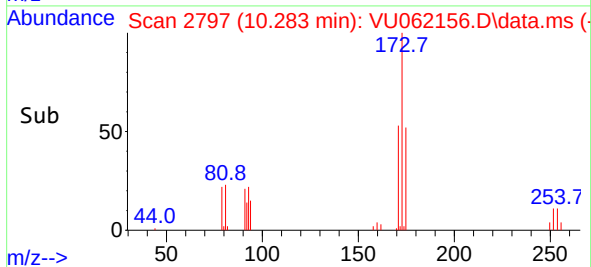
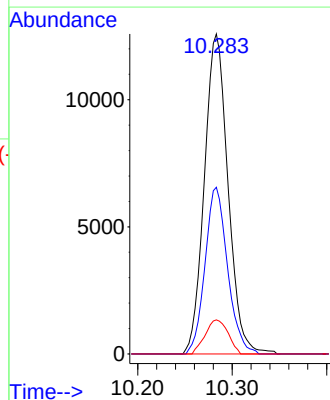
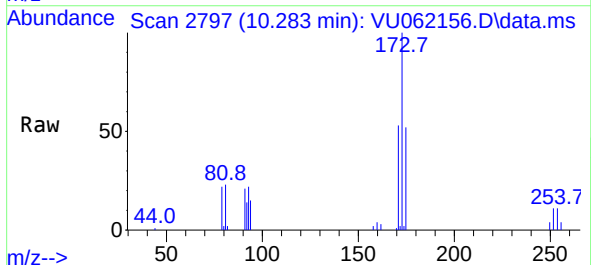
Instrument :
MSVOA_U
ClientSampleId :

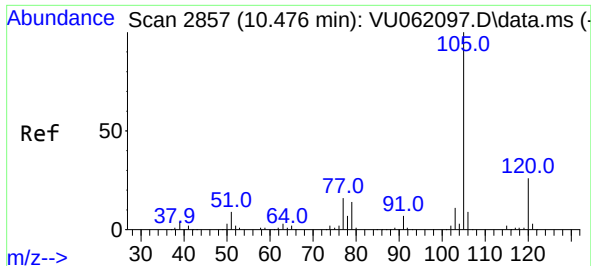
Tgt Ion:	83	Resp:	34195
Ion Ratio	Lower	Upper	
83	100		
85	63.1	44.4	82.4
131	11.0	7.3	10.9



#59
Bromoform
Concen: 5.154 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. -0.000 min
Lab File: VU062156.D
Acq: 09 Dec 2024 13:27

Tgt Ion:	173	Resp:	21878
Ion Ratio	Lower	Upper	
173	100		
175	49.6	39.0	58.4
254	10.3	7.4	11.0

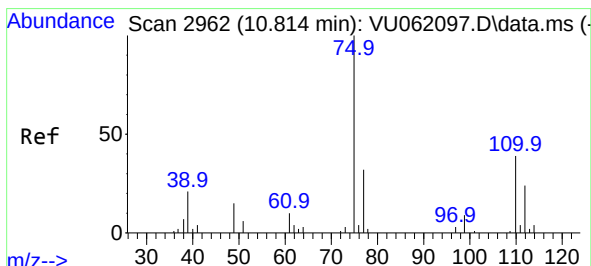
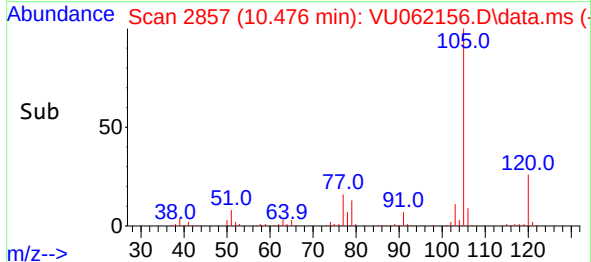
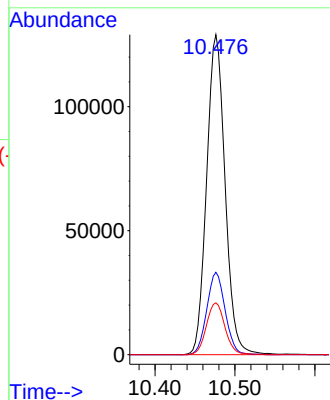
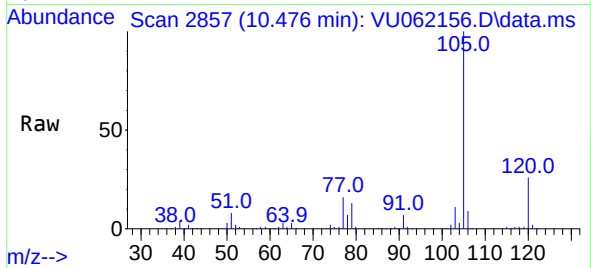




#60
Isopropylbenzene
Concen: 5.321 ug/L
RT: 10.476 min Scan# 2857
Delta R.T. -0.000 min
Lab File: VU062156.D
Acq: 09 Dec 2024 13:27

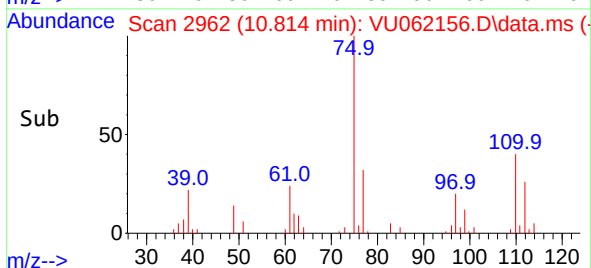
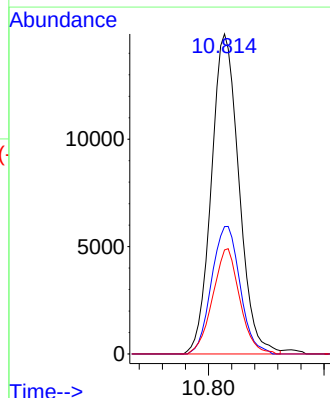
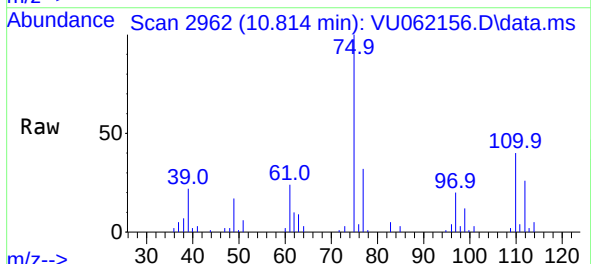
Instrument :
MSVOA_U
ClientSampleId :

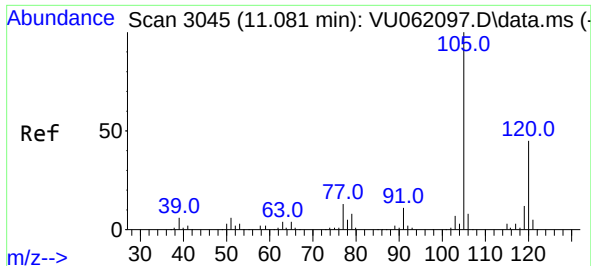
Tgt Ion:105 Resp: 207597
Ion Ratio Lower Upper
105 100
120 25.6 20.6 31.0
77 16.4 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 4.948 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. -0.000 min
Lab File: VU062156.D
Acq: 09 Dec 2024 13:27

Tgt Ion: 75 Resp: 24713
Ion Ratio Lower Upper
75 100
110 41.1 28.9 43.3
77 32.3 26.5 39.7

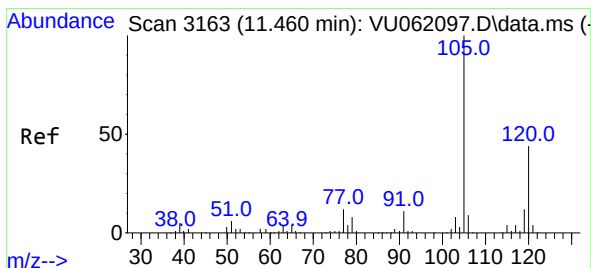
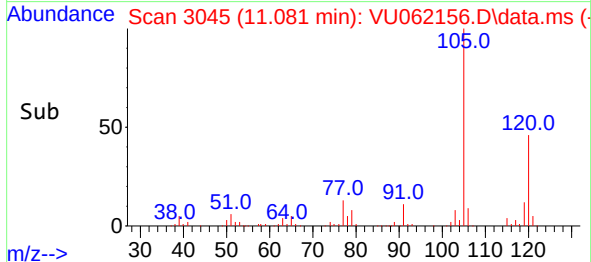
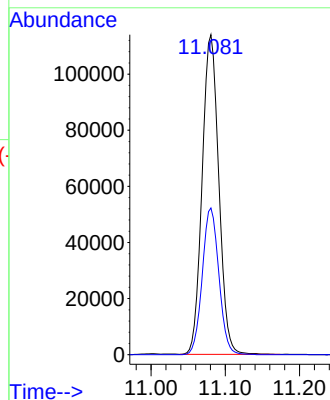
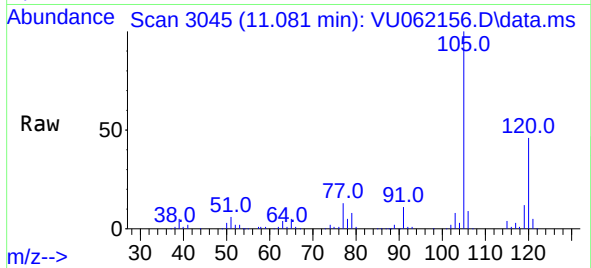




#62
1,3,5-Trimethylbenzene
Concen: 5.370 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. -0.000 min
Lab File: VU062156.D
Acq: 09 Dec 2024 13:27

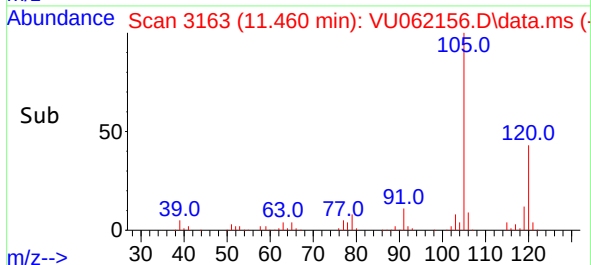
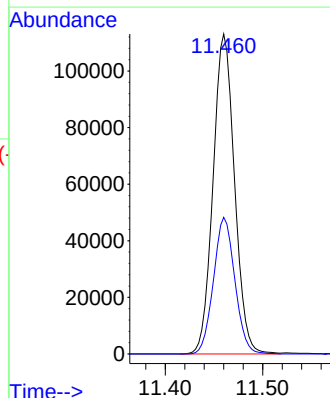
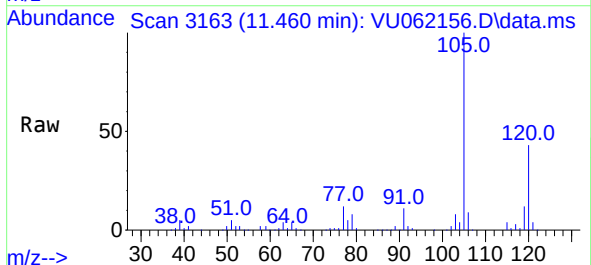
Instrument :
MSVOA_U
ClientSampleId :

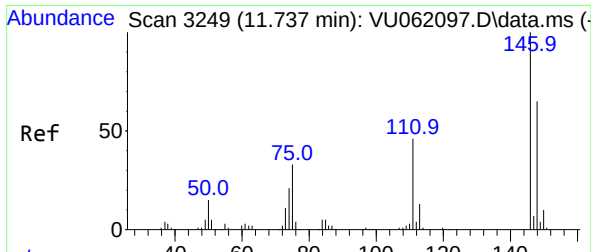
Tgt Ion:105 Resp: 177306
Ion Ratio Lower Upper
105 100
120 45.7 36.7 55.1



#63
1,2,4-Trimethylbenzene
Concen: 5.347 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VU062156.D
Acq: 09 Dec 2024 13:27

Tgt Ion:105 Resp: 172989
Ion Ratio Lower Upper
105 100
120 42.5 34.7 52.1

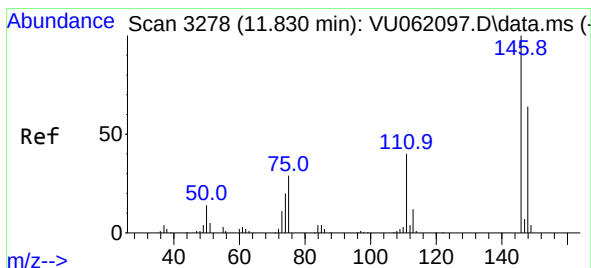
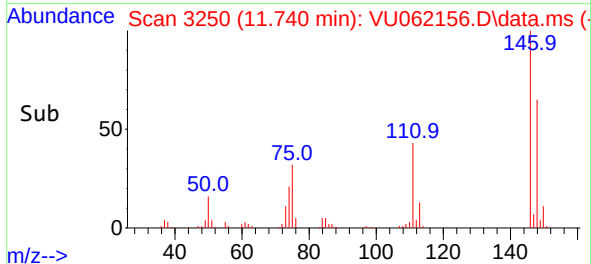
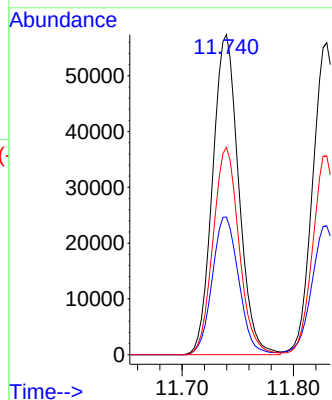
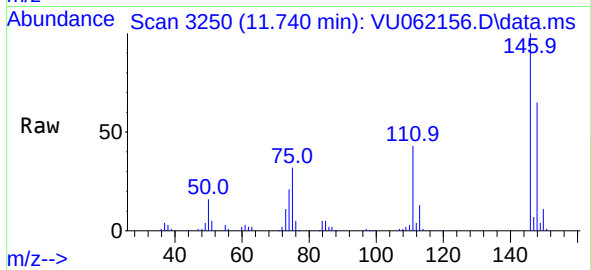




#64
1,3-Dichlorobenzene
Concen: 5.211 ug/L
RT: 11.740 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU062156.D
Acq: 09 Dec 2024 13:27

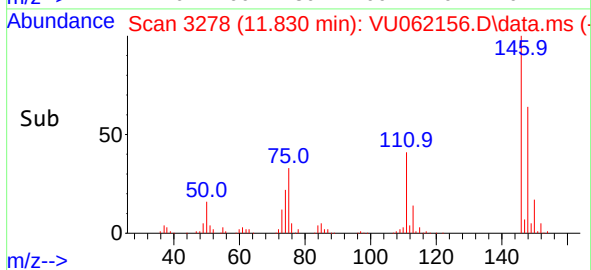
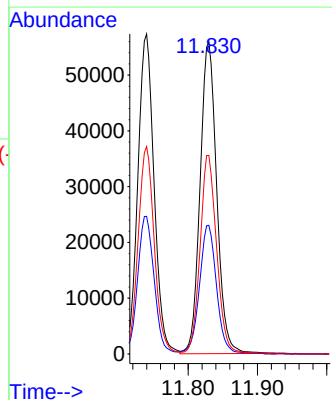
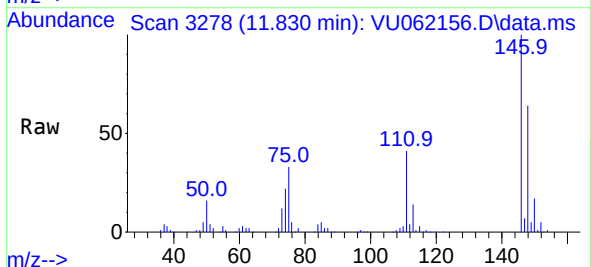
Instrument :
MSVOA_U
ClientSampleId :

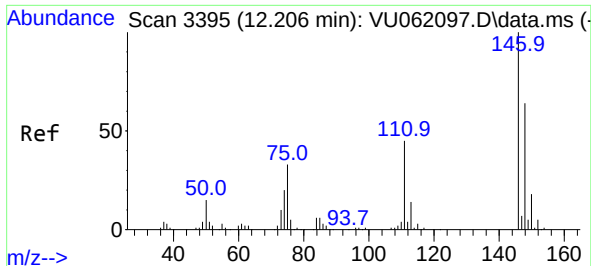
Tgt Ion:146 Resp: 93402
Ion Ratio Lower Upper
146 100
111 43.0 30.7 57.1
148 64.8 45.1 83.7



#65
1,4-Dichlorobenzene
Concen: 5.172 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VU062156.D
Acq: 09 Dec 2024 13:27

Tgt Ion:146 Resp: 93348
Ion Ratio Lower Upper
146 100
111 41.2 29.3 54.3
148 63.7 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 5.243 ug/L

RT: 12.203 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU062156.D

Acq: 09 Dec 2024 13:27

Instrument :

MSVOA_U

ClientSampleId :

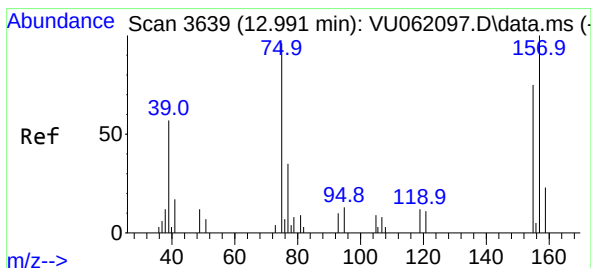
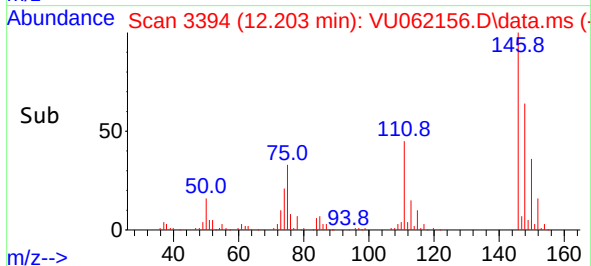
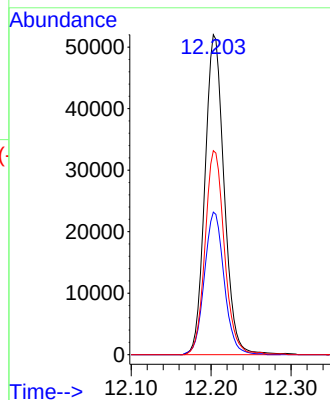
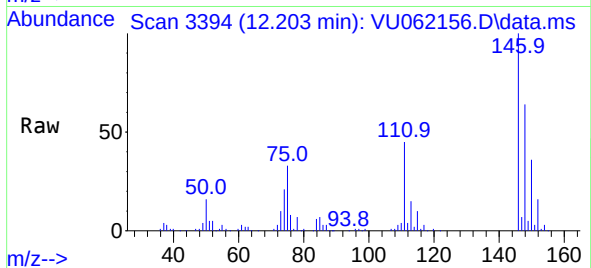
Tgt Ion:146 Resp: 86846

Ion Ratio Lower Upper

146 100

111 44.5 36.0 54.0

148 63.8 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.278 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU062156.D

Acq: 09 Dec 2024 13:27

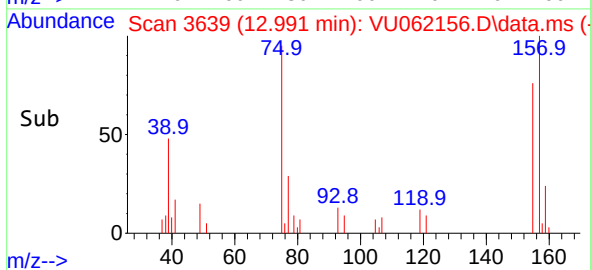
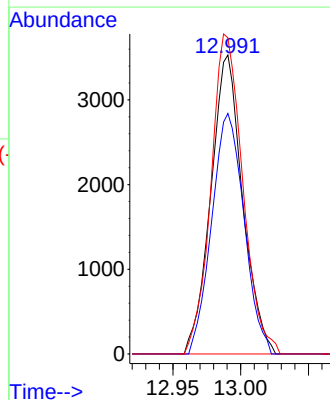
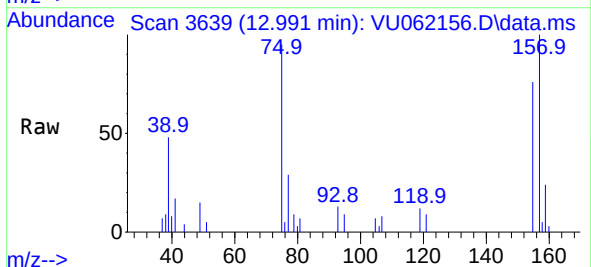
Tgt Ion: 75 Resp: 5750

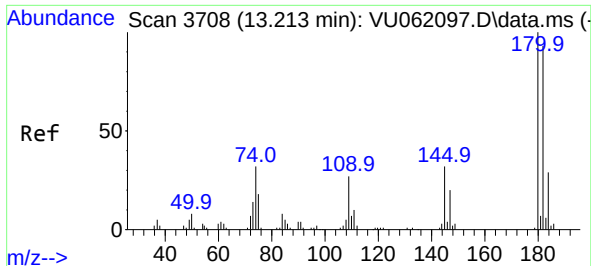
Ion Ratio Lower Upper

75 100

155 80.4 55.2 82.8

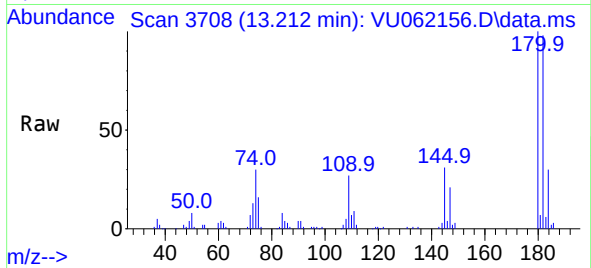
157 105.7 73.5 110.3



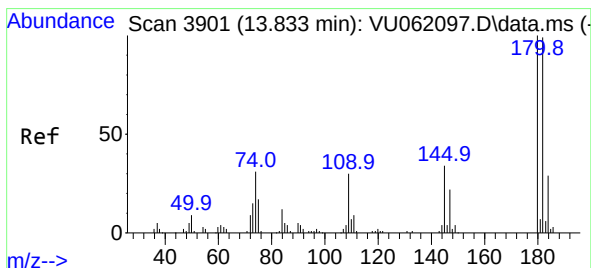
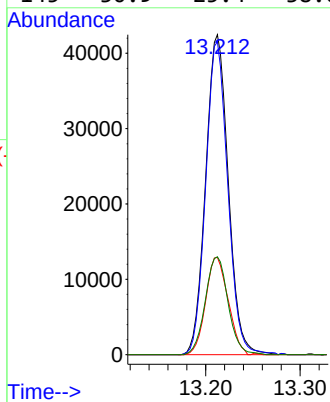
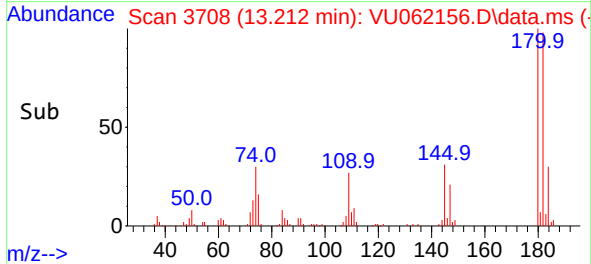


#69
1,3,5-Trichlorobenzene
Concen: 5.300 ug/L
RT: 13.212 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU062156.D
Acq: 09 Dec 2024 13:27

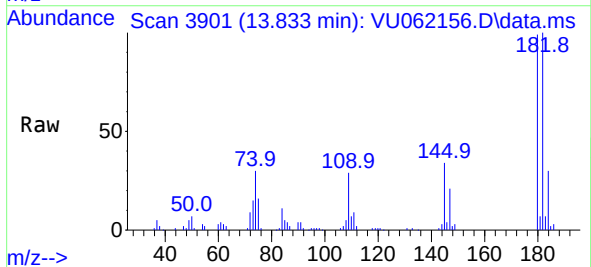
Instrument :
MSVOA_U
ClientSampleId :



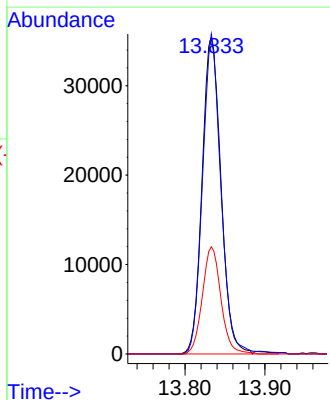
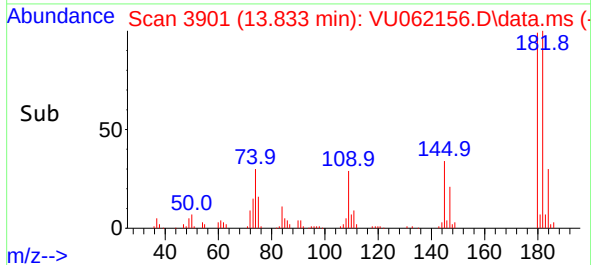
Tgt Ion:180 Resp: 70617
Ion Ratio Lower Upper
180 100
182 95.3 76.7 115.1
184 30.2 24.8 37.2
145 30.9 25.4 38.0

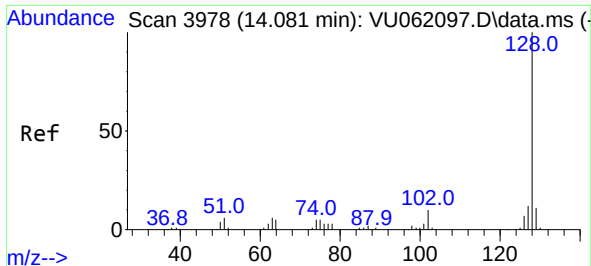


#70
1,2,4-trichlorobenzene
Concen: 5.569 ug/L
RT: 13.833 min Scan# 3901
Delta R.T. -0.000 min
Lab File: VU062156.D
Acq: 09 Dec 2024 13:27



Tgt Ion:180 Resp: 58576
Ion Ratio Lower Upper
180 100
182 96.6 74.5 111.7
145 33.0 25.6 38.4



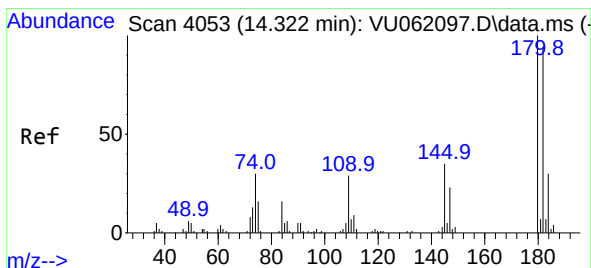
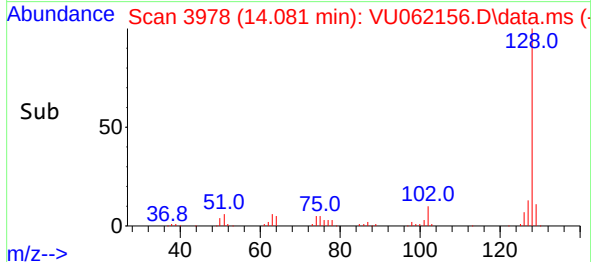
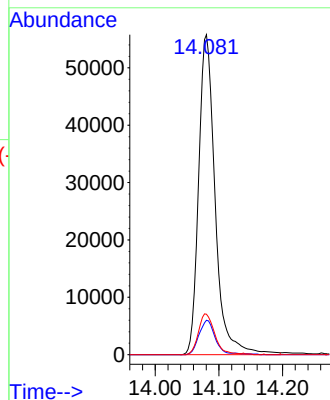
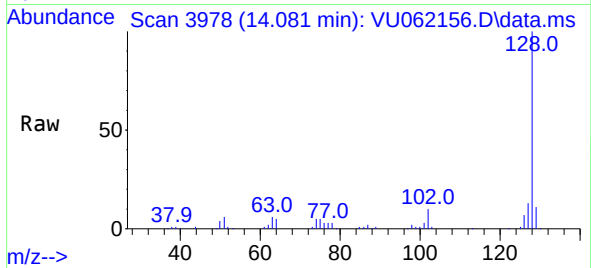


#71
Naphthalene
Concen: 6.372 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU062156.D
Acq: 09 Dec 2024 13:27

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 100642

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.5	12.7
127	12.5	10.2	15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.660 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU062156.D
Acq: 09 Dec 2024 13:27

Tgt Ion:180 Resp: 52502

Ion	Ratio	Lower	Upper
180	100		
182	94.8	76.1	114.1
145	34.3	27.4	41.0

