

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120724\
 Data File : VU062144.D
 Acq On : 06 Dec 2024 19:21
 Operator : MD/SY
 Sample : P5109-05MSD
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 06 23:17:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 06 02:27:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	110480	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	102333	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	52737	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	17620	3.251	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.000%
7) Chloroethane-d5	1.907	69	15519	3.237	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	64.800%#
11) 1,1-Dichloroethene-d2	2.560	65	8366	3.864	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.200%
20) 2-Butanone-d5	4.624	46	66711	39.201	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.400%
24) Chloroform-d	5.052	84	59030	4.465	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
26) 1,2-Dichloroethane-d4	5.692	65	29338	4.312	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
32) Benzene-d6	5.718	84	92563	4.643	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
36) 1,2-Dichloropropane-d6	6.679	67	30640	4.523	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.400%
41) Toluene-d8	7.888	98	81236	4.885	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
43) trans-1,3-Dichloroprop...	8.171	79	12719	5.071	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.400%
46) 2-Hexanone-d5	8.624	63	45528	39.771	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.540%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	28385	4.193	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.800%
66) 1,2-Dichlorobenzene-d4	12.184	152	38010	4.874	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	45085	4.664	ug/L	99
3) Chloromethane	1.515	50	34907	3.504	ug/L	99
5) Vinyl chloride	1.599	62	36830	3.598	ug/L	97
6) Bromomethane	1.853	94	24345	3.995	ug/L	96
8) Chloroethane	1.930	64	20389	3.089	ug/L	97
9) Trichlorofluoromethane	2.132	101	64094	4.950	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	33999	4.267	ug/L	92
12) 1,1-Dichloroethene	2.573	96	31893	4.305	ug/L	93
13) Acetone	2.640	43	47382	40.327	ug/L	99
14) Carbon disulfide	2.785	76	89912	3.815	ug/L	100
15) Methyl Acetate	2.952	43	8630	2.860	ug/L #	87
16) Methylene chloride	3.036	84	35259	3.963	ug/L	91
17) Methyl tert-butyl Ether	3.354	73	84820	4.467	ug/L	97
18) trans-1,2-Dichloroethene	3.345	96	33767	4.311	ug/L	90
19) 1,1-Dichloroethane	3.859	63	63247	4.145	ug/L	98
21) 2-Butanone	4.702	43	70770	37.268	ug/L	97
22) cis-1,2-Dichloroethene	4.657	96	39552	4.487	ug/L	94
23) Bromochloromethane	4.965	128	17604	4.594	ug/L	85
25) Chloroform	5.074	83	71927	4.510	ug/L	94

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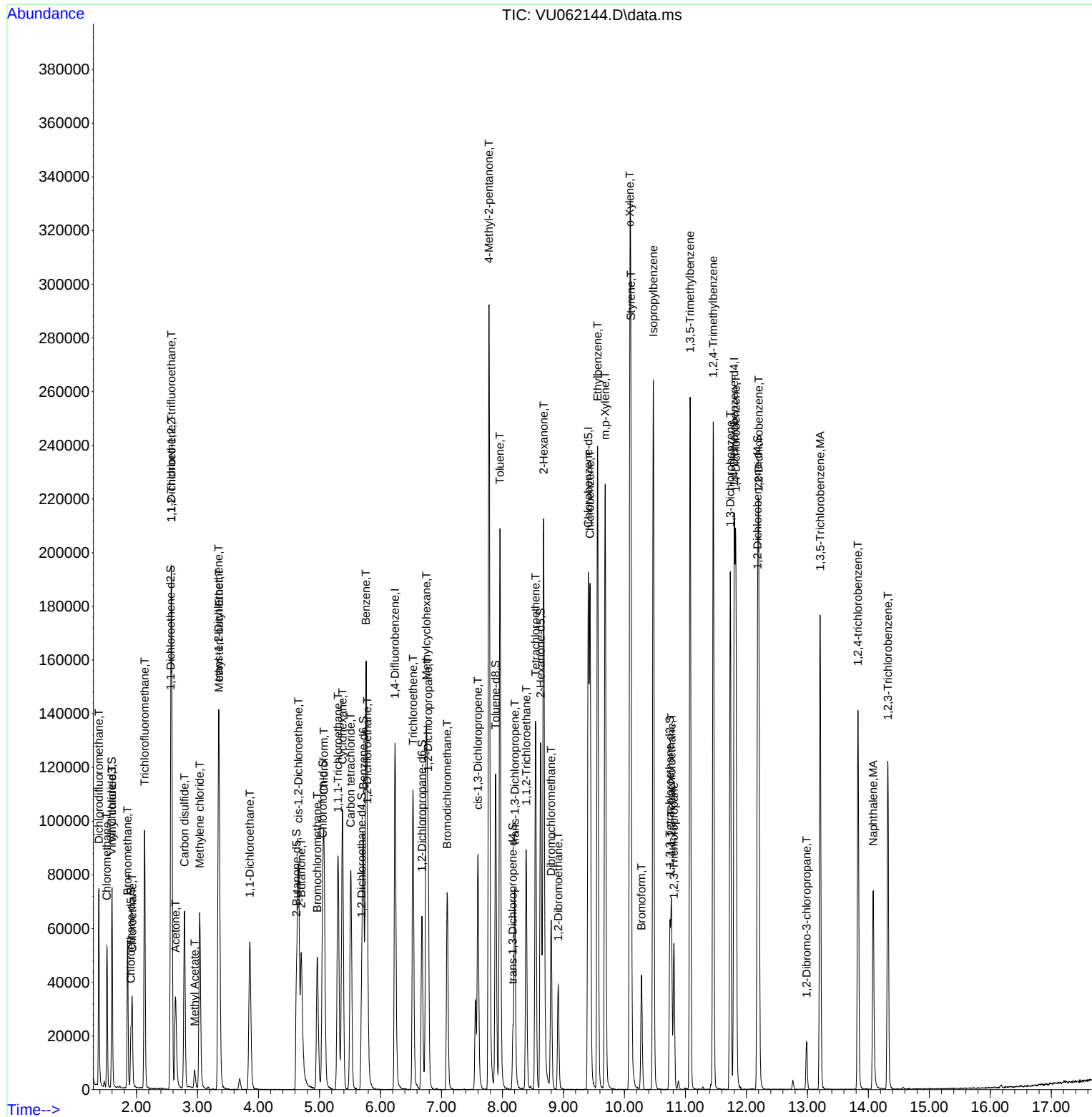
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	46527	4.535	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	67290	5.705	ug/L	95
30) Cyclohexane	5.377	56	51071	4.140	ug/L	93
31) Carbon tetrachloride	5.512	117	59540	5.945	ug/L	99
33) Benzene	5.763	78	143106	4.631	ug/L	100
34) Trichloroethene	6.534	95	39876	4.835	ug/L	97
35) Methylcyclohexane	6.753	83	54008	4.281	ug/L	97
37) 1,2-Dichloropropane	6.782	63	36360	4.529	ug/L	99
38) Bromodichloromethane	7.094	83	50610	5.197	ug/L	95
39) cis-1,3-Dichloropropene	7.598	75	55780	4.955	ug/L	99
40) 4-Methyl-2-pentanone	7.779	43	178222	41.139	ug/L #	93
42) Toluene	7.959	91	157137	4.845	ug/L	96
44) trans-1,3-Dichloropropene	8.203	75	46019	5.147	ug/L	99
45) 1,1,2-Trichloroethane	8.389	97	27887	4.715	ug/L	99
47) Tetrachloroethene	8.544	164	30311	5.053	ug/L	96
48) 2-Hexanone	8.676	43	131666	40.583	ug/L #	94
49) Dibromochloromethane	8.798	129	33920	5.428	ug/L	96
50) 1,2-Dibromoethane	8.914	107	26502	4.514	ug/L #	98
51) Chlorobenzene	9.438	112	101516	4.570	ug/L	97
52) Ethylbenzene	9.560	91	174982	4.509	ug/L	99
53) m,p-Xylene	9.685	106	65554	4.787	ug/L	99
54) o-Xylene	10.090	106	63282	4.578	ug/L	99
55) Styrene	10.106	104	100051	4.393	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.772	83	32466	4.283	ug/L	96
59) Bromoform	10.280	173	20022	5.107	ug/L	97
60) Isopropylbenzene	10.476	105	175349	4.264	ug/L	99
61) 1,2,3-Trichloropropane	10.811	75	23050	3.781	ug/L	97
62) 1,3,5-Trimethylbenzene	11.077	105	146598	4.469	ug/L	100
63) 1,2,4-Trimethylbenzene	11.457	105	140747	4.304	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	80645	4.418	ug/L	98
65) 1,4-Dichlorobenzene	11.827	146	79128	4.479	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	74460	4.690	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.987	75	5209	5.006	ug/L	91
69) 1,3,5-Trichlorobenzene	13.209	180	55487	5.108	ug/L	99
70) 1,2,4-trichlorobenzene	13.830	180	44427	5.337	ug/L	98
71) Naphthalene	14.081	128	65703	4.897	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	38791	5.410	ug/L	98

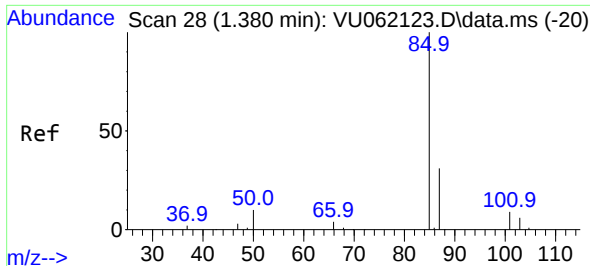
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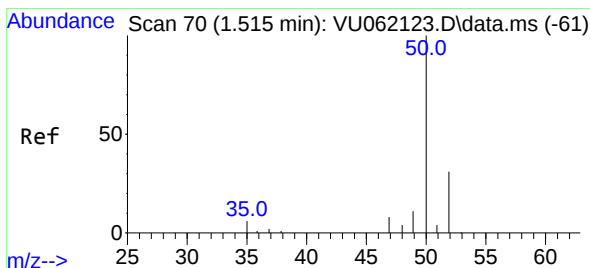
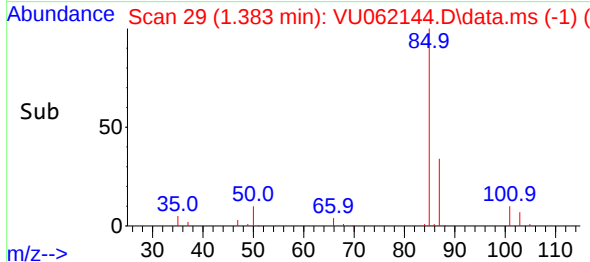
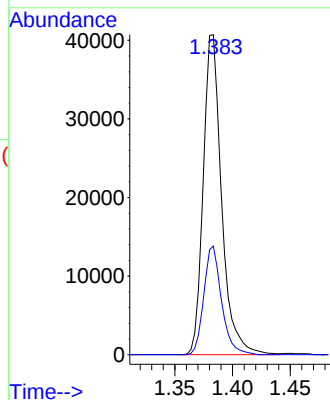
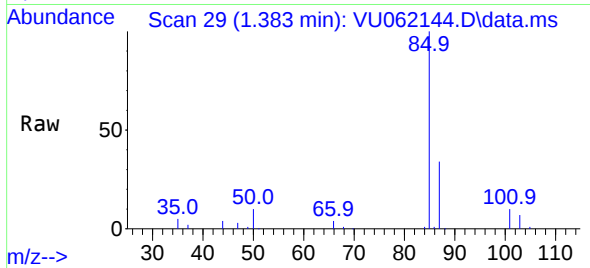




#2
 Dichlorodifluoromethane
 Concen: 4.664 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU062144.D
 Acq: 06 Dec 2024 19:21

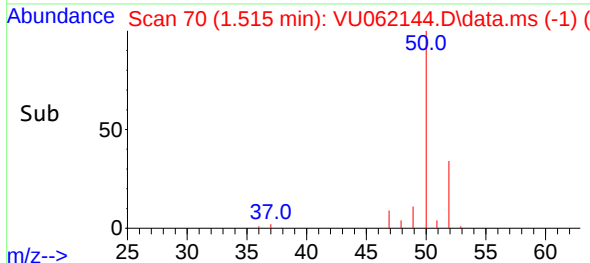
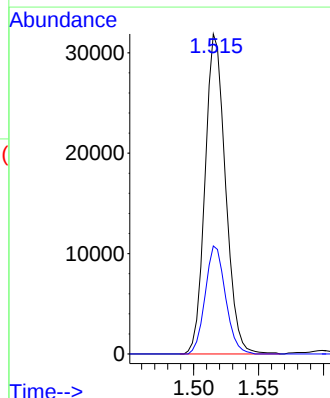
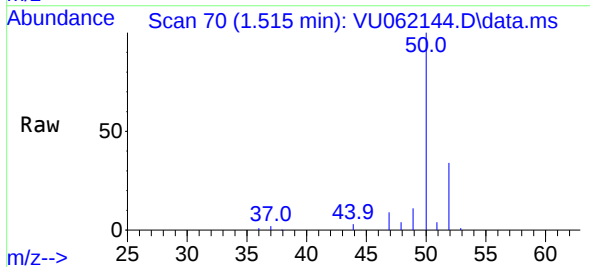
Instrument :
 MSVOA_U
 ClientSampleId :

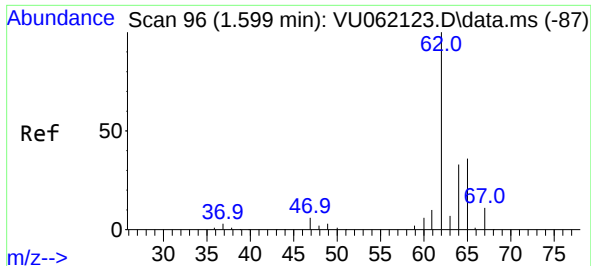
Tgt Ion: 85 Resp: 45085
 Ion Ratio Lower Upper
 85 100
 87 32.7 26.6 40.0



#3
 Chloromethane
 Concen: 3.504 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VU062144.D
 Acq: 06 Dec 2024 19:21

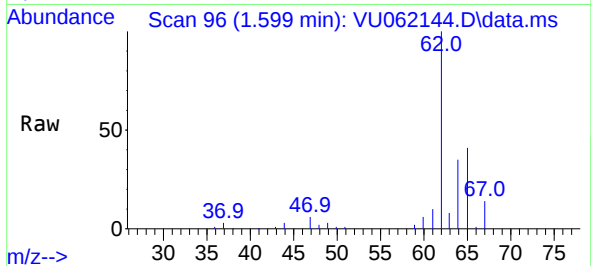
Tgt Ion: 50 Resp: 34907
 Ion Ratio Lower Upper
 50 100
 52 33.7 23.1 42.9



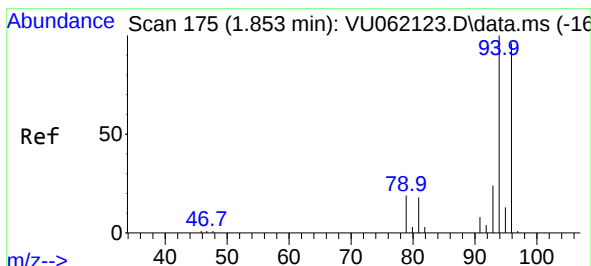
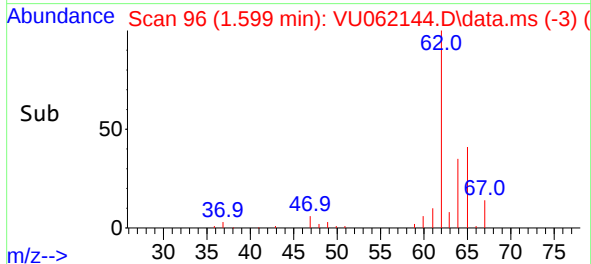
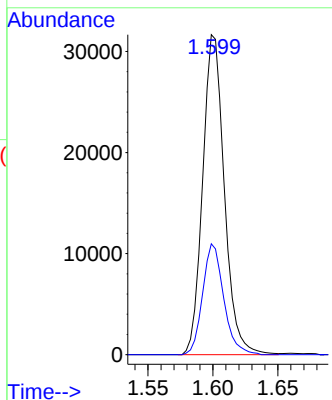


#5
Vinyl chloride
Concen: 3.598 ug/L
RT: 1.599 min Scan# 90
Delta R.T. -0.000 min
Lab File: VU062144.D
Acq: 06 Dec 2024 19:21

Instrument :
MSVOA_U
ClientSampleId :

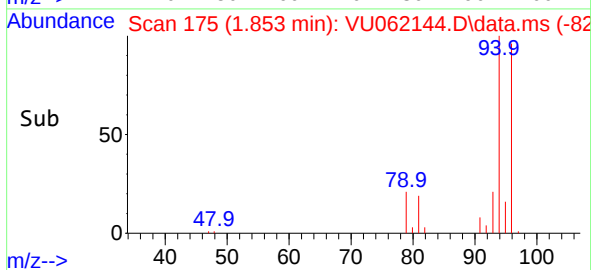
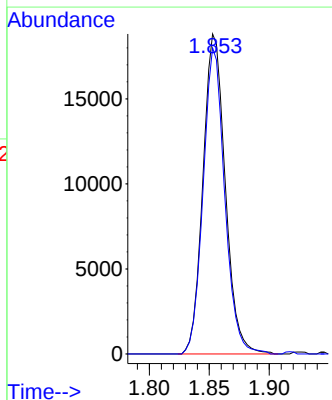
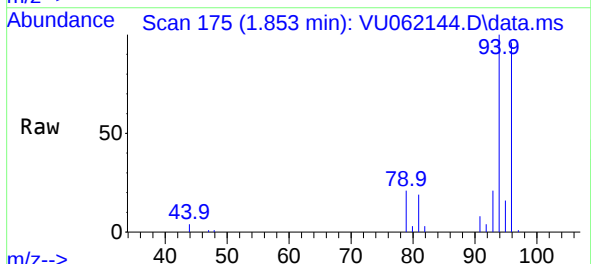


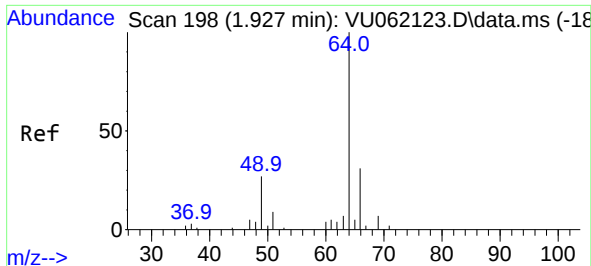
Tgt Ion: 62 Resp: 36830
Ion Ratio Lower Upper
62 100
64 34.7 23.1 42.9



#6
Bromomethane
Concen: 3.995 ug/L
RT: 1.853 min Scan# 175
Delta R.T. -0.000 min
Lab File: VU062144.D
Acq: 06 Dec 2024 19:21

Tgt Ion: 94 Resp: 24345
Ion Ratio Lower Upper
94 100
96 95.7 64.5 119.9

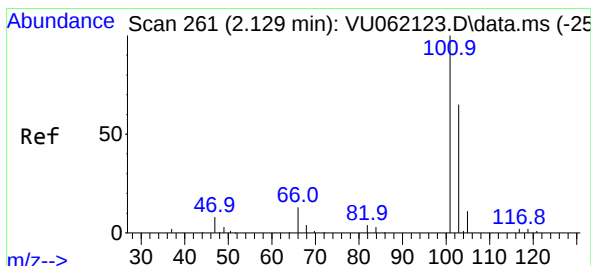
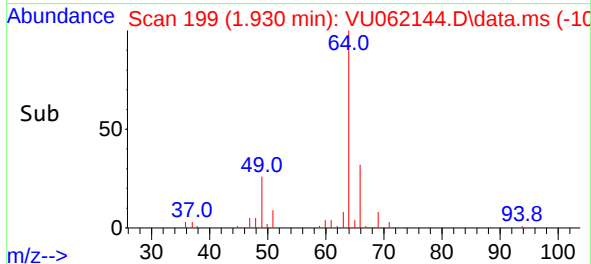
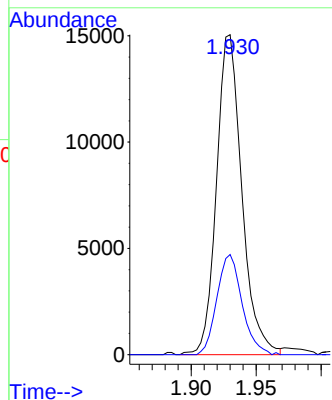
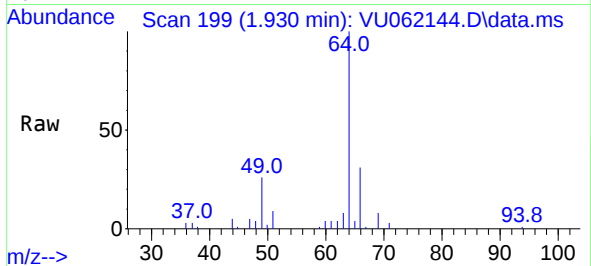




#8
Chloroethane
Concen: 3.089 ug/L
RT: 1.930 min Scan# 19
Delta R.T. -0.000 min
Lab File: VU062144.D
Acq: 06 Dec 2024 19:21

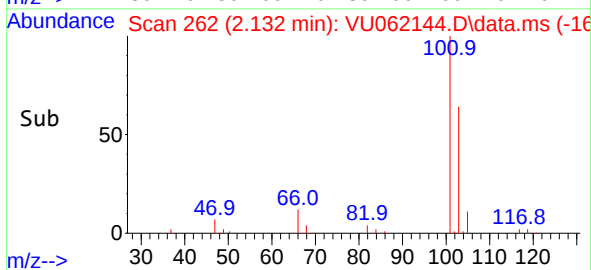
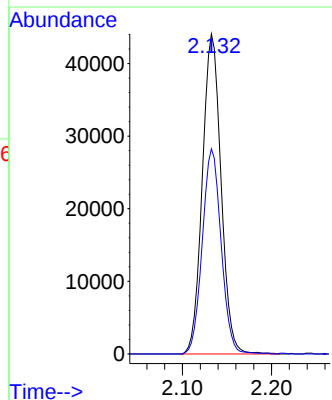
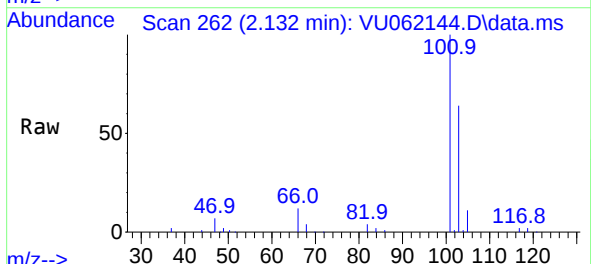
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MSVOA_U
ClientSampleId :

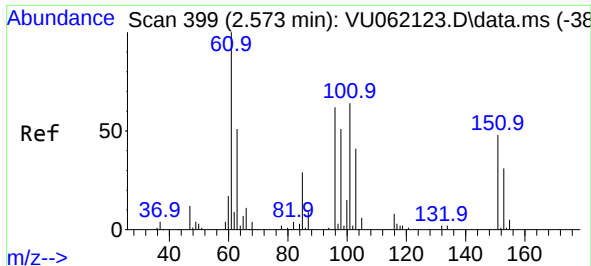
Tgt Ion: 64 Resp: 20389
Ion Ratio Lower Upper
64 100
66 31.3 23.2 43.2



#9
Trichlorofluoromethane
Concen: 4.950 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU062144.D
Acq: 06 Dec 2024 19:21

Tgt Ion:101 Resp: 64094
Ion Ratio Lower Upper
101 100
103 64.5 50.6 75.8

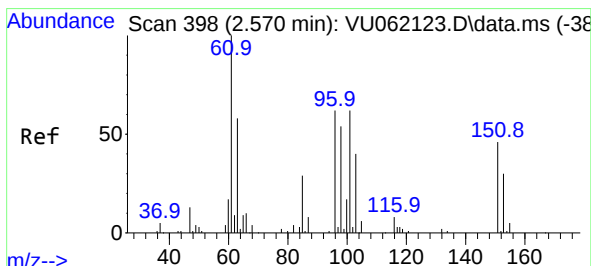
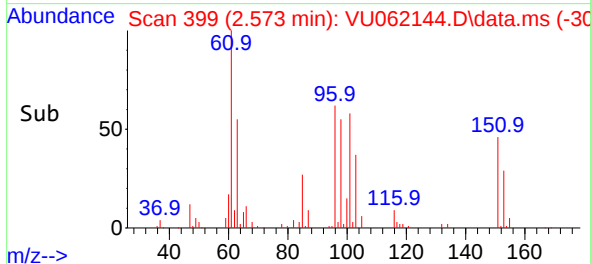
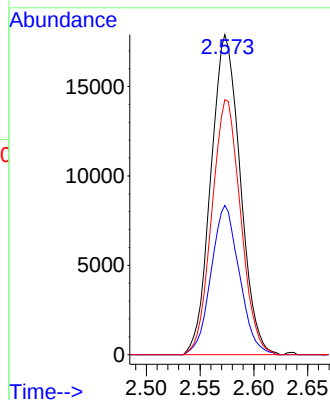
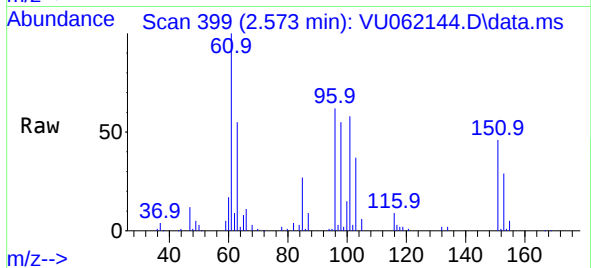




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.267 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU062144.D
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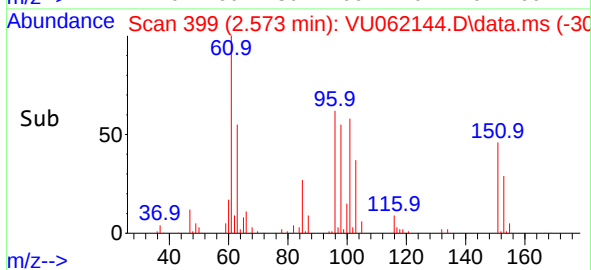
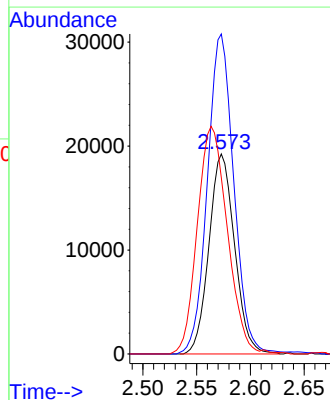
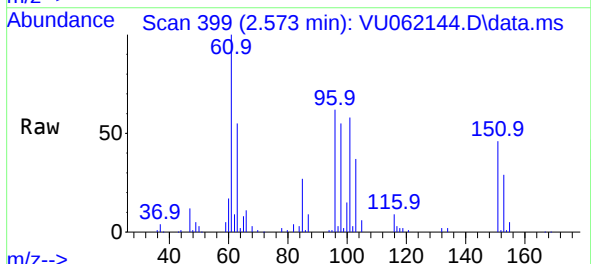
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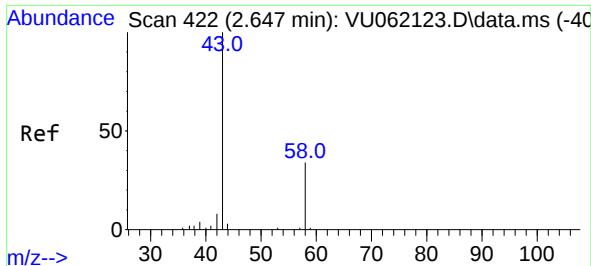
Tgt Ion:101 Resp: 33999
Ion Ratio Lower Upper
101 100
85 45.0 38.0 57.0
151 78.3 55.3 82.9



#12
1,1-Dichloroethene
Concen: 4.305 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU062144.D
Acq: 06 Dec 2024 19:21

Tgt Ion: 96 Resp: 31893
Ion Ratio Lower Upper
96 100
61 160.0 119.6 222.2
63 88.2 65.0 120.6





#13

Acetone

Concen: 40.327 ug/L

RT: 2.640 min Scan# 41

Delta R.T. -0.007 min

Lab File: VU062144.D

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Instrument :

MSVOA_U

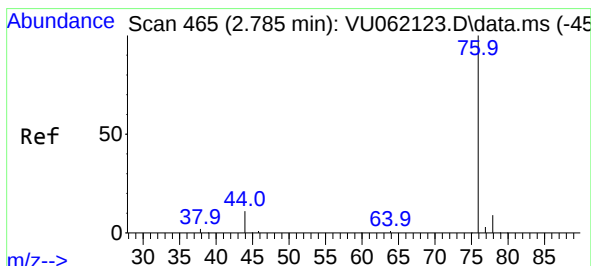
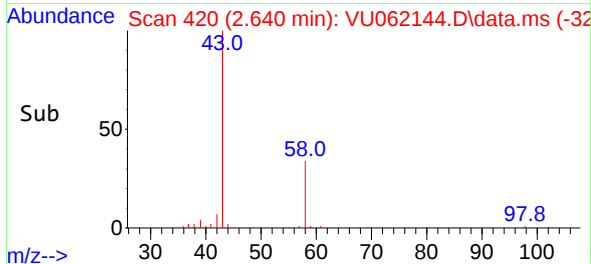
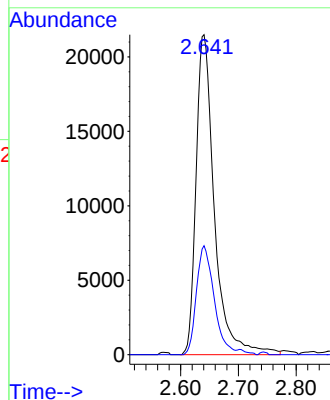
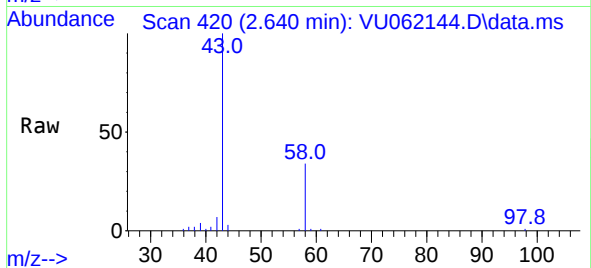
ClientSampleId :

Tgt Ion: 43 Resp: 47382

Ion Ratio Lower Upper

43 100

58 32.7 0.0 64.0



#14

Carbon disulfide

Concen: 3.815 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.000 min

Lab File: VU062144.D

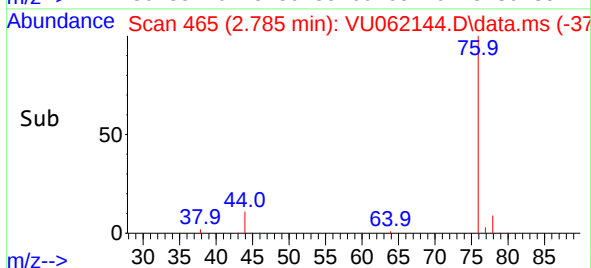
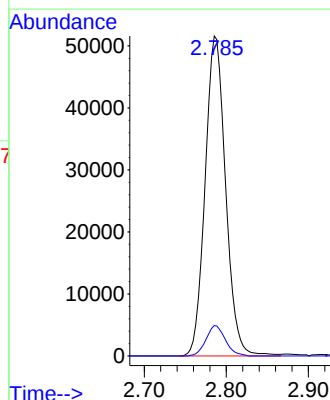
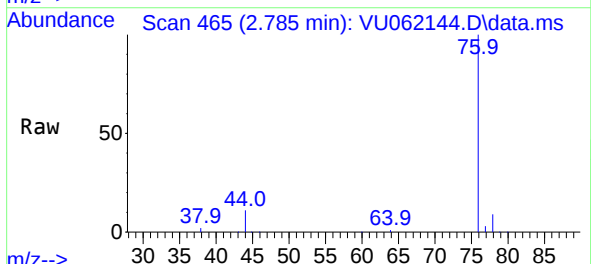
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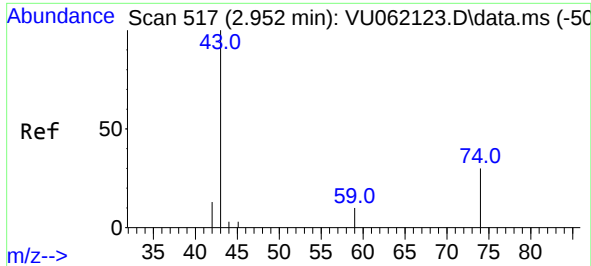
Tgt Ion: 76 Resp: 89912

Ion Ratio Lower Upper

76 100

78 9.5 7.5 11.3





#15

Methyl Acetate

Concen: 2.860 ug/L

RT: 2.952 min Scan# 517

Delta R.T. -0.003 min

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Instrument :

MSVOA_U

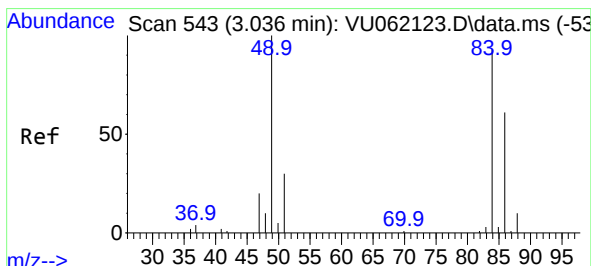
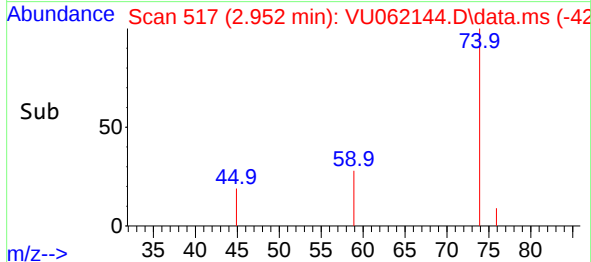
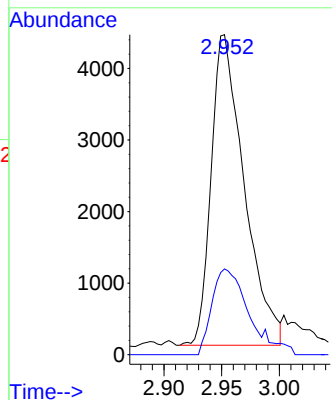
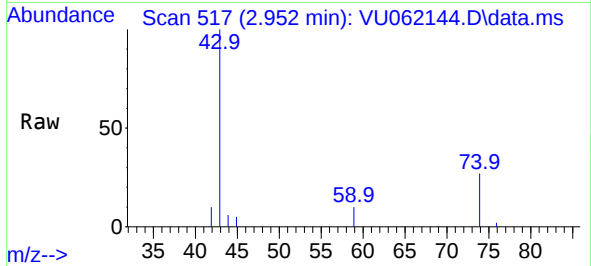
ClientSampleId :

Tgt Ion: 43 Resp: 8630

Ion Ratio Lower Upper

43 100

74 30.9 19.4 29.2#



#16

Methylene chloride

Concen: 3.963 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.003 min

Lab File: VU062144.D

Acq: 06 Dec 2024 19:21

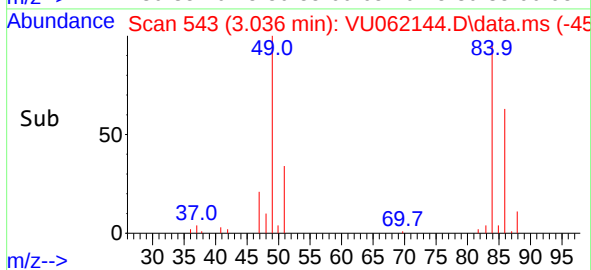
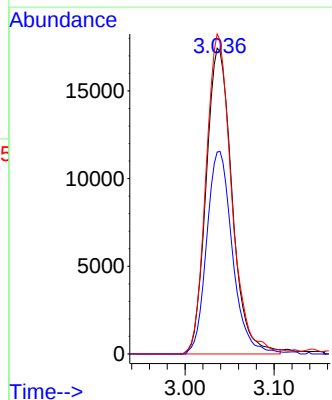
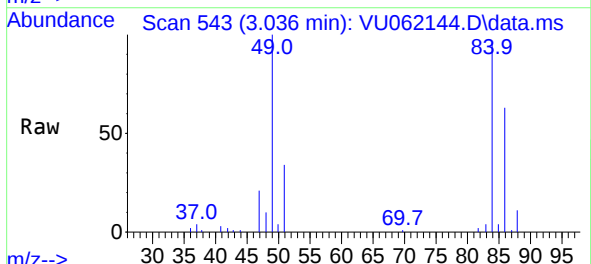
Tgt Ion: 84 Resp: 35259

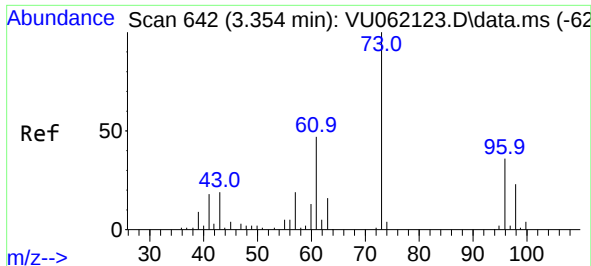
Ion Ratio Lower Upper

84 100

86 66.0 43.5 80.7

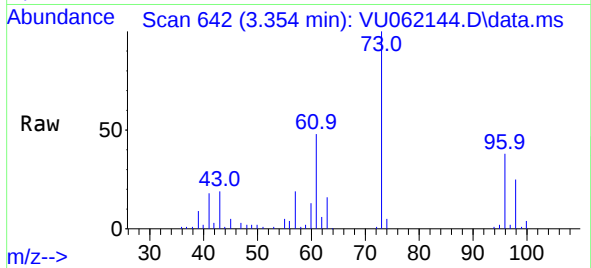
49 104.6 81.9 152.1



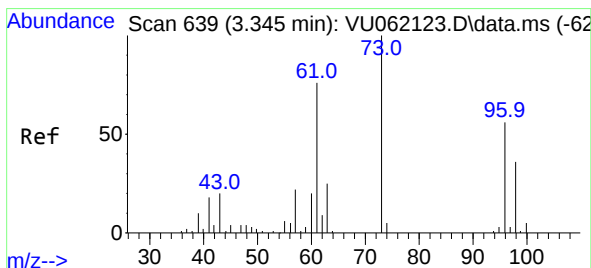
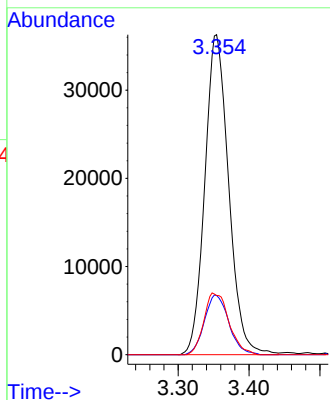
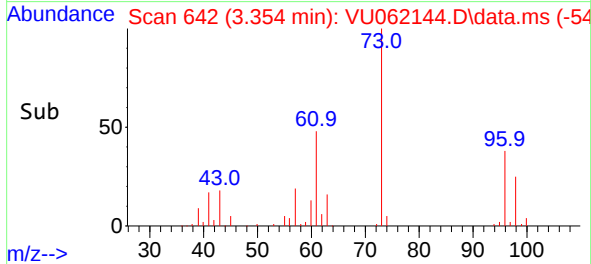


#17
Methyl tert-butyl Ether
Concen: 4.467 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU062144.D
Acq: 06 Dec 2024 19:21

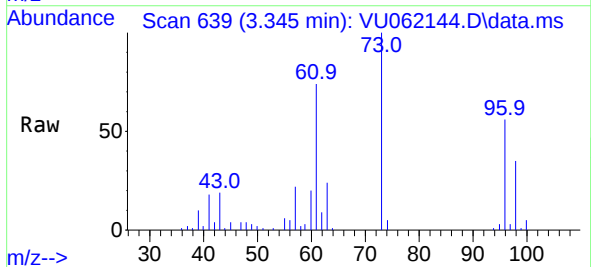
Instrument :
MSVOA_U
ClientSampleId :



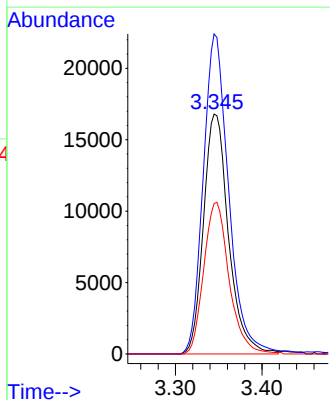
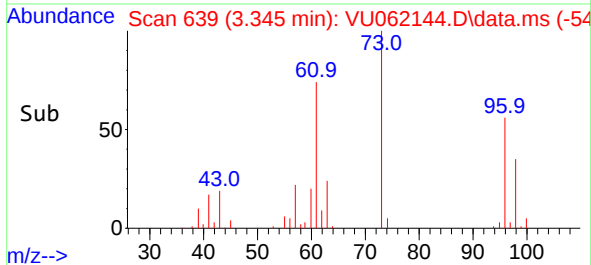
Tgt Ion: 73 Resp: 84820
Ion Ratio Lower Upper
73 100
43 19.1 16.3 24.5
57 20.3 17.1 25.7

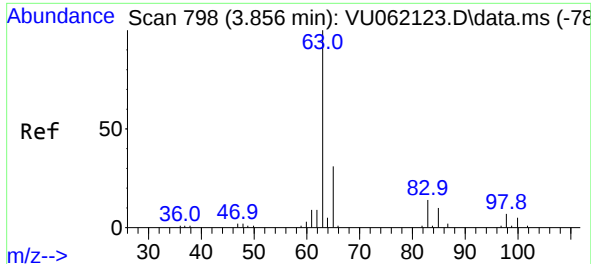


#18
trans-1,2-Dichloroethene
Concen: 4.311 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.000 min
Lab File: VU062144.D
Acq: 06 Dec 2024 19:21



Tgt Ion: 96 Resp: 33767
Ion Ratio Lower Upper
96 100
61 133.4 104.2 193.4
98 62.7 45.7 84.9





#19

1,1-Dichloroethane

Concen: 4.145 ug/L

RT: 3.859 min Scan# 798

Delta R.T. -0.000 min

Lab File: VU062144.D

Acq: 06 Dec 2024 19:21

Instrument :

MSVOA_U

ClientSampleId :

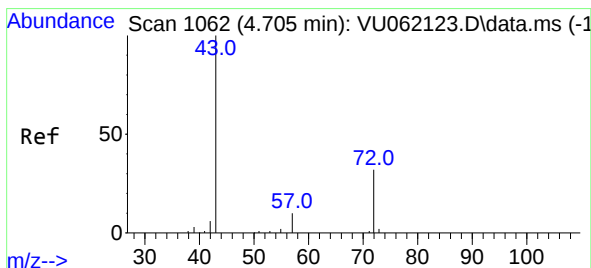
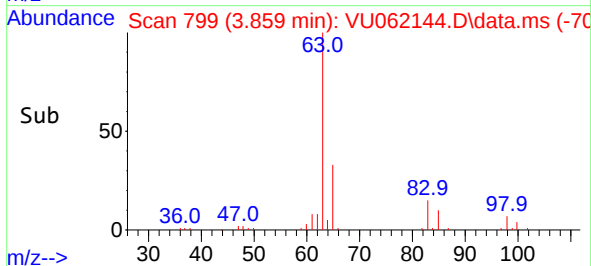
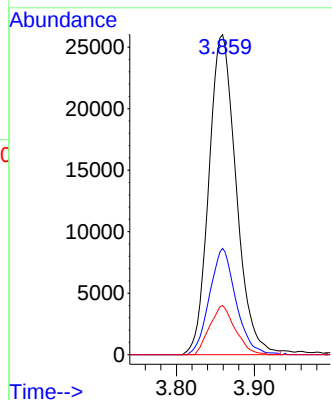
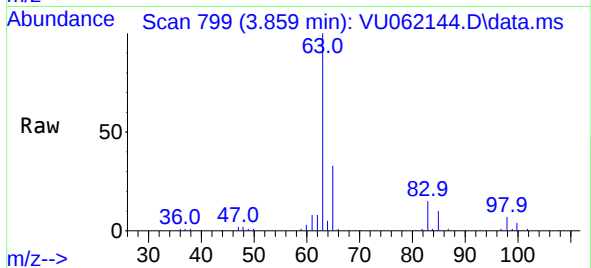
Tgt Ion: 63 Resp: 63247

Ion Ratio Lower Upper

63 100

65 33.2 22.7 42.3

83 15.3 9.9 18.3



#21

2-Butanone

Concen: 37.268 ug/L

RT: 4.702 min Scan# 1061

Delta R.T. -0.006 min

Lab File: VU062144.D

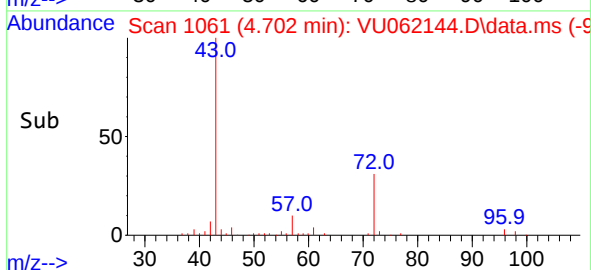
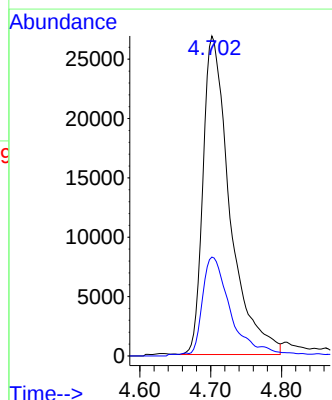
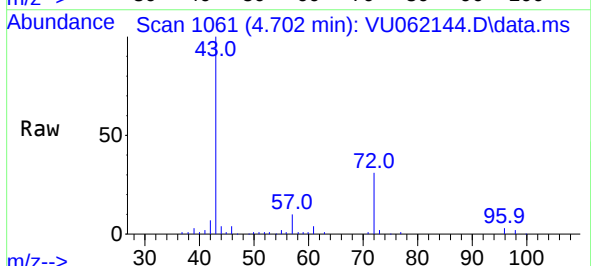
Acq: 06 Dec 2024 19:21

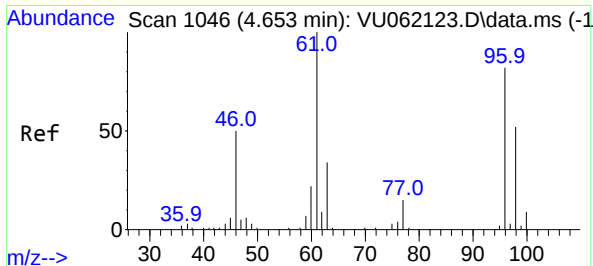
Tgt Ion: 43 Resp: 70770

Ion Ratio Lower Upper

43 100

72 31.5 14.8 44.4

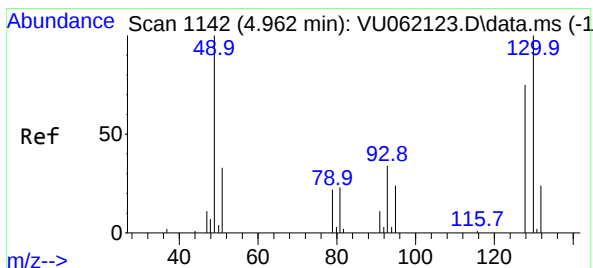
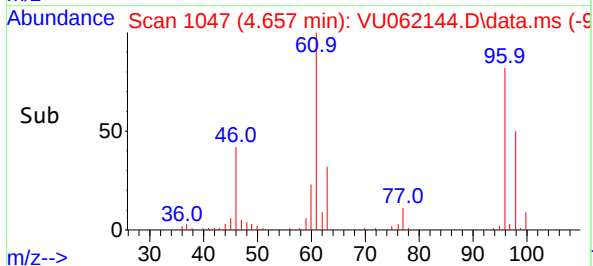
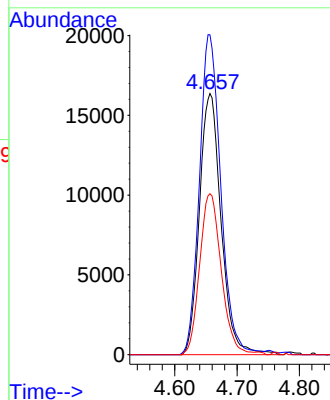
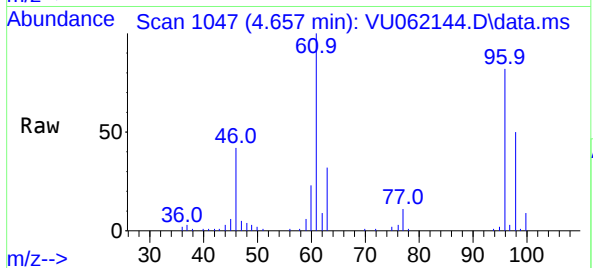




#22
 cis-1,2-Dichloroethene
 Concen: 4.487 ug/L
 RT: 4.657 min Scan# 1046
 Delta R.T. -0.000 min
 Lab File: VU062144.D
 Acq: 06 Dec 2024 19:21

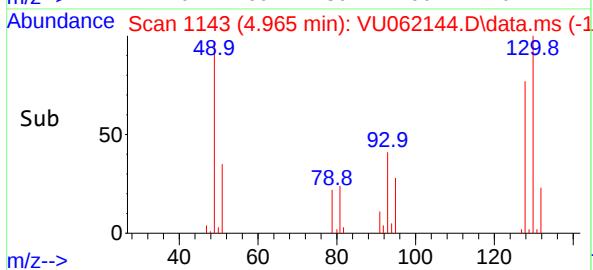
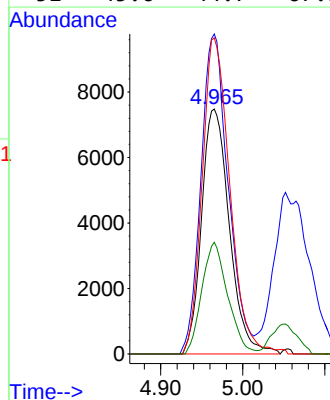
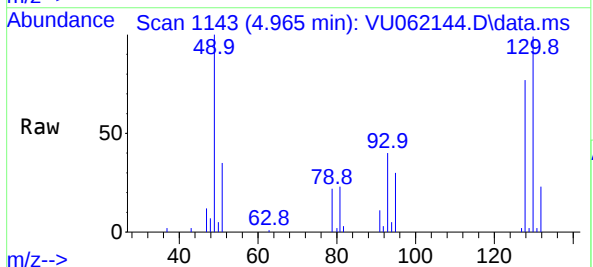
Instrument :
 MSVOA_U
 ClientSampleId :

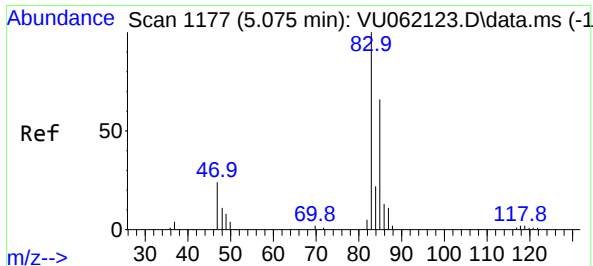
Tgt Ion: 96 Resp: 39552
 Ion Ratio Lower Upper
 96 100
 61 122.5 92.0 170.8
 98 61.6 44.5 82.7



#23
 Bromochloromethane
 Concen: 4.594 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. -0.003 min
 Lab File: VU062144.D
 Acq: 06 Dec 2024 19:21

Tgt Ion: 128 Resp: 17604
 Ion Ratio Lower Upper
 128 100
 49 130.6 115.3 214.1
 130 129.1 92.0 170.8
 51 45.6 44.7 67.1





#25

Chloroform

Concen: 4.510 ug/L

RT: 5.074 min Scan# 1177

Delta R.T. -0.003 min

Lab File: VU062144.D

Acq: 06 Dec 2024 19:21

Instrument :

MSVOA_U

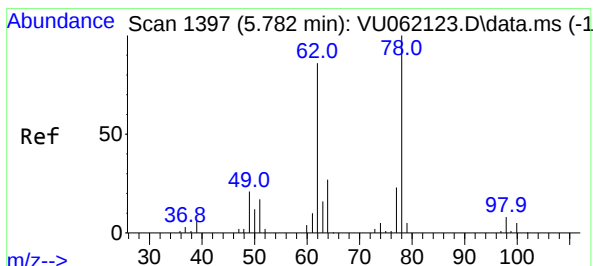
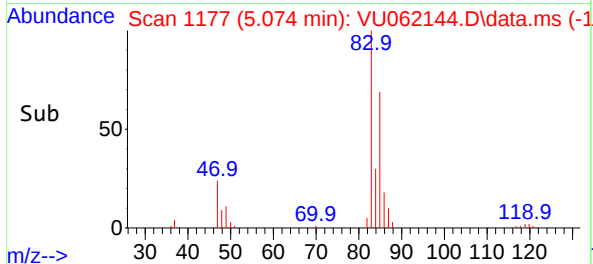
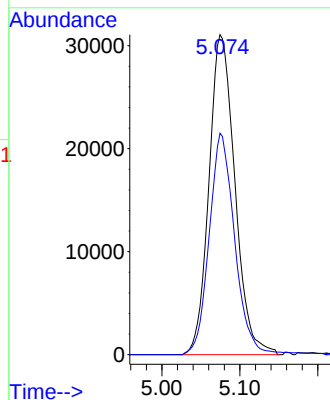
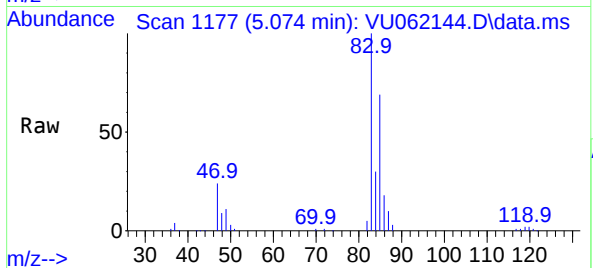
ClientSampleId :

Tgt Ion: 83 Resp: 71927

Ion Ratio Lower Upper

83 100

85 69.2 45.4 84.2



#27

1,2-Dichloroethane

Concen: 4.535 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VU062144.D

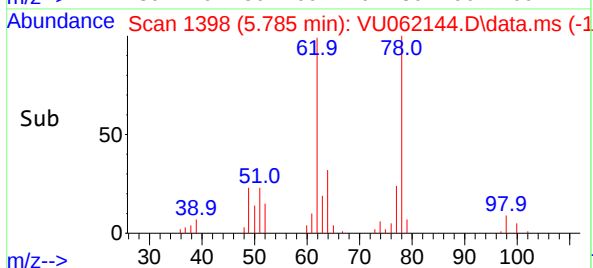
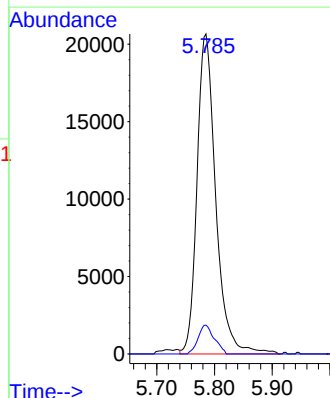
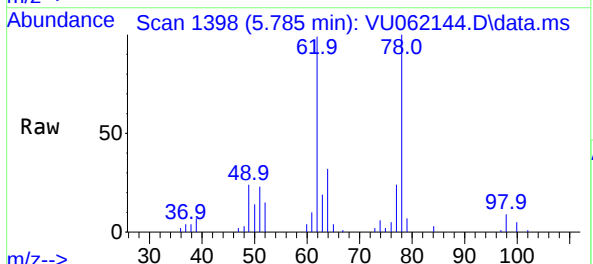
Acq: 06 Dec 2024 19:21

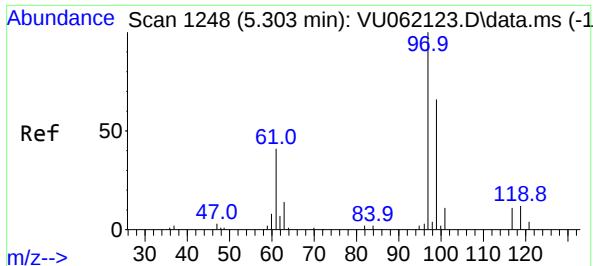
Tgt Ion: 62 Resp: 46527

Ion Ratio Lower Upper

62 100

98 9.0 7.4 11.0

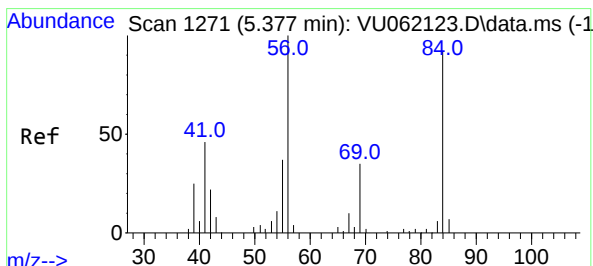
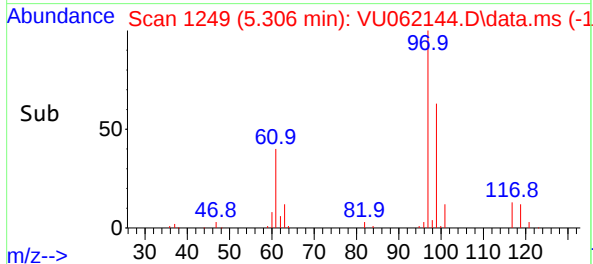
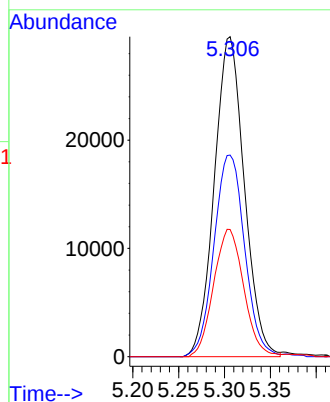
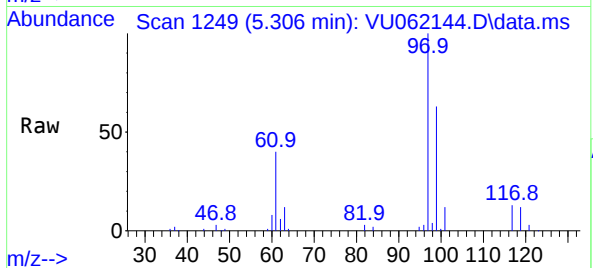




#29
1,1,1-Trichloroethane
Concen: 5.705 ug/L
RT: 5.306 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU062144.D
Acq: 06 Dec 2024 19:21

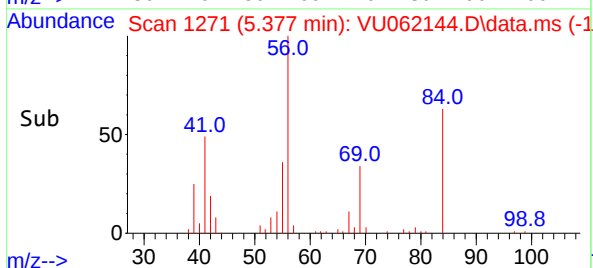
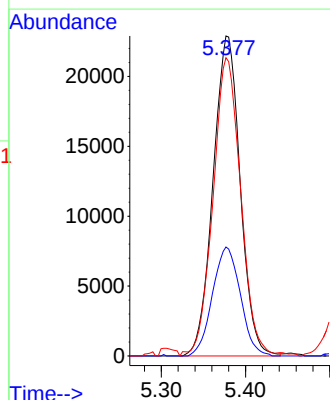
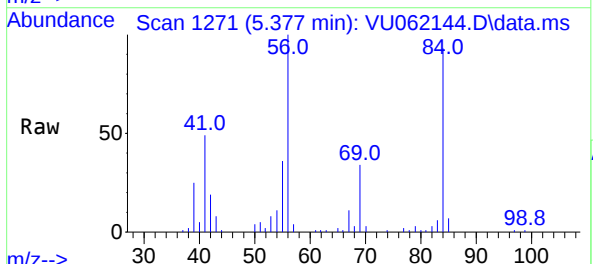
Instrument :
MSVOA_U
ClientSampleId :

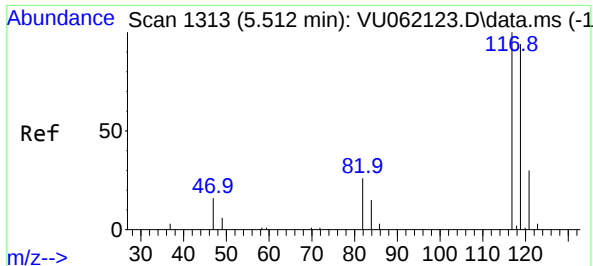
Tgt Ion: 97 Resp: 67290
Ion Ratio Lower Upper
97 100
99 64.4 51.4 77.2
61 40.0 37.8 56.6



#30
Cyclohexane
Concen: 4.140 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. -0.000 min
Lab File: VU062144.D
Acq: 06 Dec 2024 19:21

Tgt Ion: 56 Resp: 51071
Ion Ratio Lower Upper
56 100
69 35.1 25.1 37.7
84 94.9 70.6 105.8

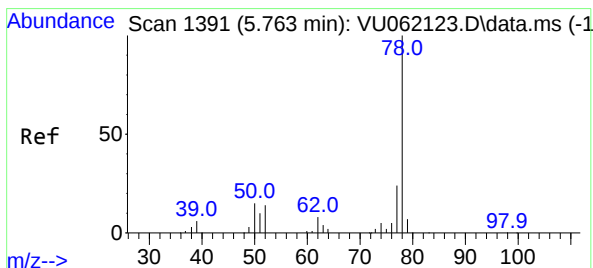
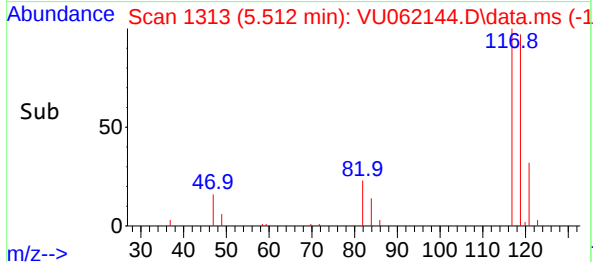
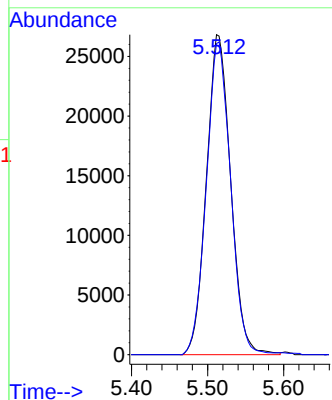
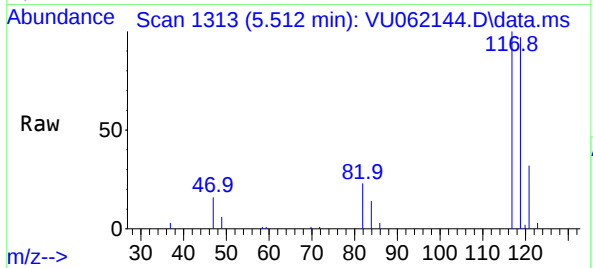




#31
Carbon tetrachloride
Concen: 5.945 ug/L
RT: 5.512 min Scan# 1313
Delta R.T. -0.003 min
Lab File: VU062144.D
Acq: 06 Dec 2024 19:21

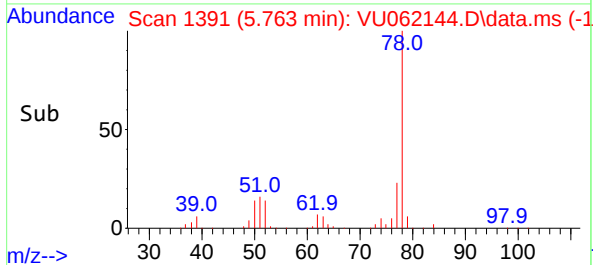
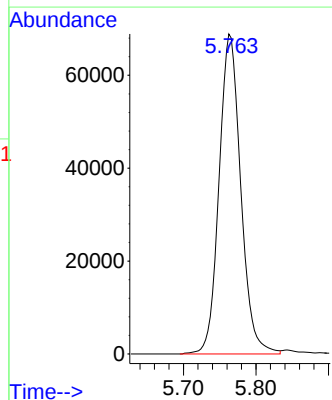
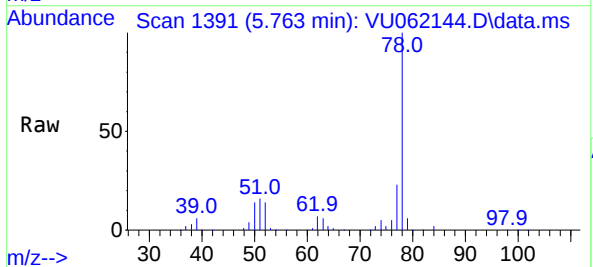
Instrument :
MSVOA_U
ClientSampleId :

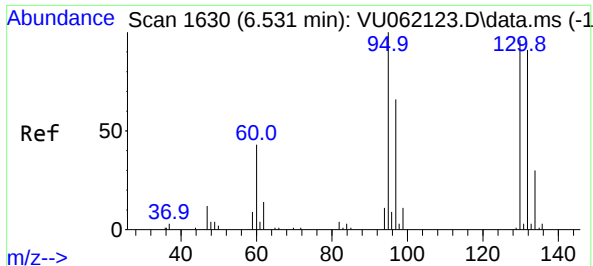
Tgt Ion:117 Resp: 59540
Ion Ratio Lower Upper
117 100
119 97.6 77.5 116.3



#33
Benzene
Concen: 4.631 ug/L
RT: 5.763 min Scan# 1391
Delta R.T. -0.003 min
Lab File: VU062144.D
Acq: 06 Dec 2024 19:21

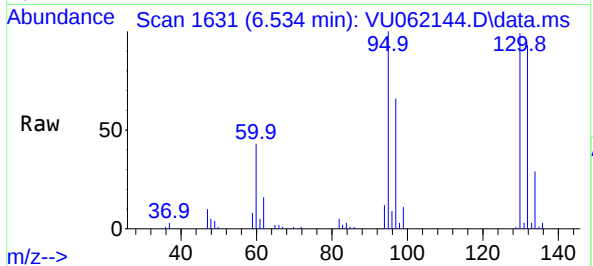
Tgt Ion: 78 Resp: 143106





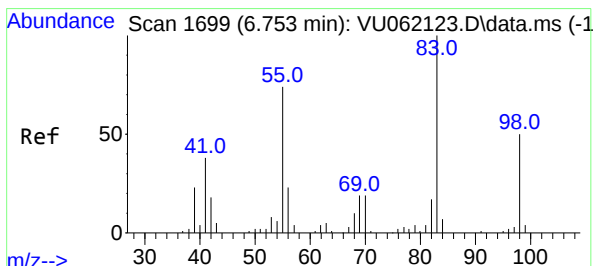
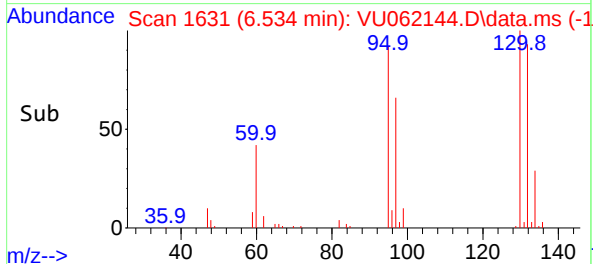
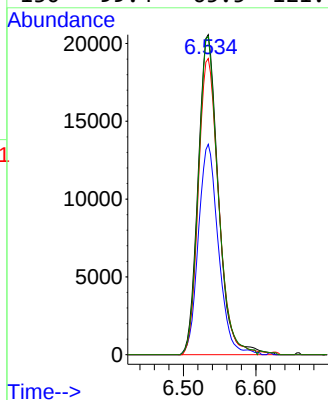
#34
Trichloroethene
Concen: 4.835 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU062144.D
Acq: 06 Dec 2024 19:21

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 39876

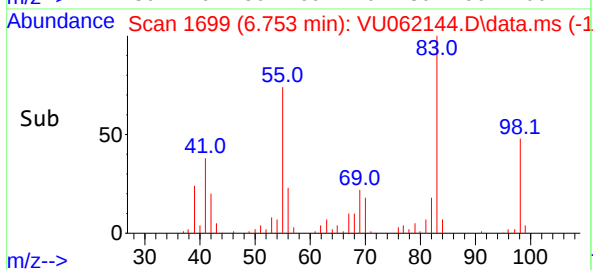
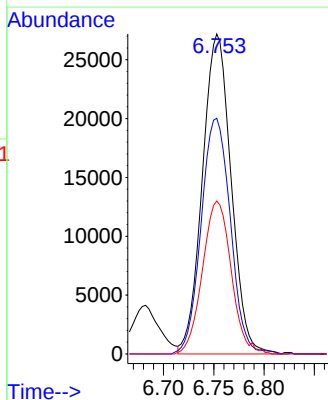
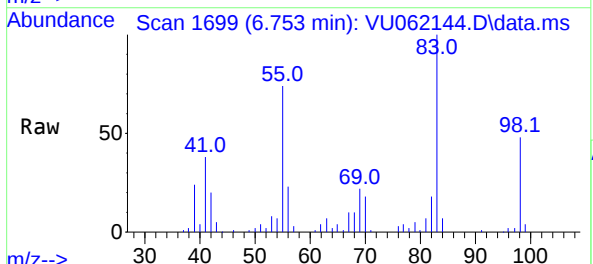
Ion	Ratio	Lower	Upper
95	100		
97	65.8	45.9	85.3
132	92.6	63.8	118.4
130	99.4	65.5	121.7

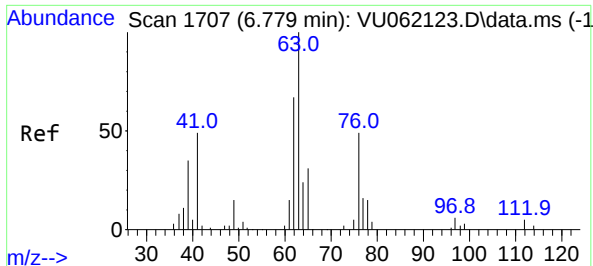


#35
Methylcyclohexane
Concen: 4.281 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VU062144.D
Acq: 06 Dec 2024 19:21

Tgt Ion: 83 Resp: 54008

Ion	Ratio	Lower	Upper
83	100		
55	75.1	60.7	91.1
98	47.8	34.8	52.2

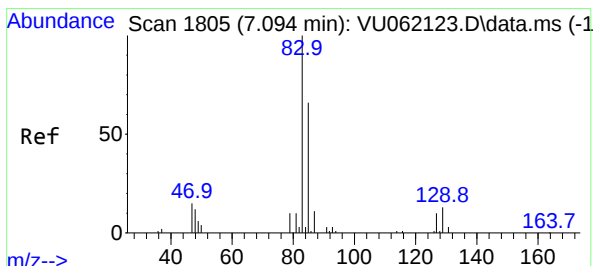
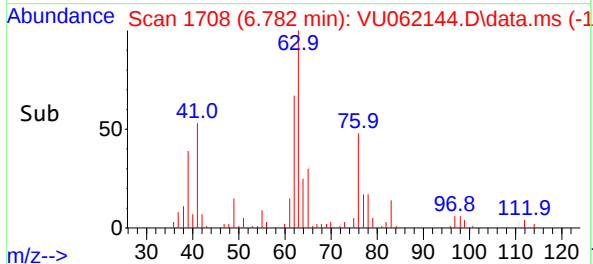
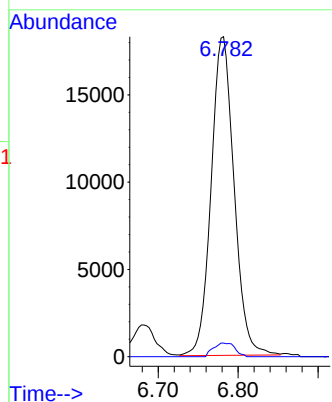
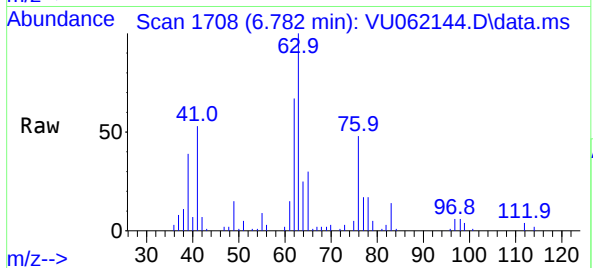




#37
1,2-Dichloropropane
Concen: 4.529 ug/L
RT: 6.782 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU062144.D
Acq: 06 Dec 2024 19:21

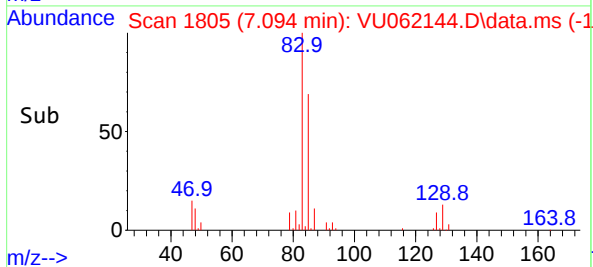
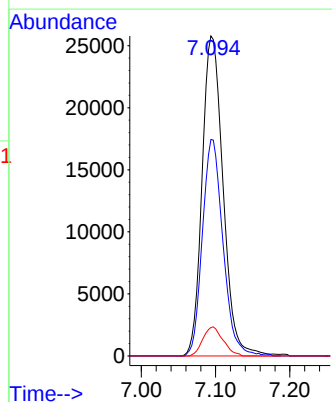
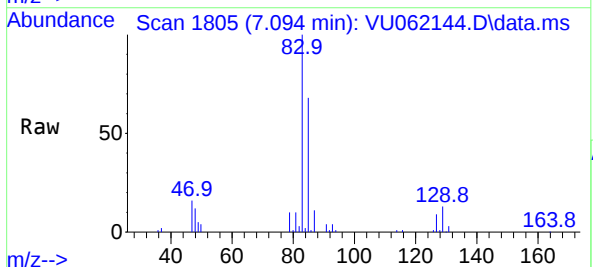
Instrument :
MSVOA_U
ClientSampleId :

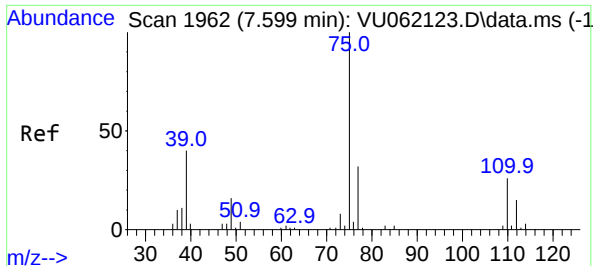
Tgt Ion: 63 Resp: 36360
Ion Ratio Lower Upper
63 100
112 4.0 3.4 5.0



#38
Bromodichloromethane
Concen: 5.197 ug/L
RT: 7.094 min Scan# 1805
Delta R.T. -0.003 min
Lab File: VU062144.D
Acq: 06 Dec 2024 19:21

Tgt Ion: 83 Resp: 50610
Ion Ratio Lower Upper
83 100
85 67.6 44.1 81.9
127 8.9 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 4.955 ug/L

RT: 7.598 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VU062144.D

Acq: 06 Dec 2024 19:21

Instrument :

MSVOA_U

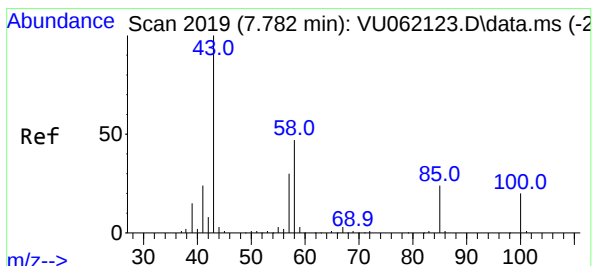
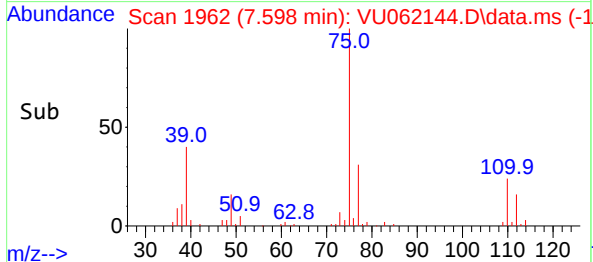
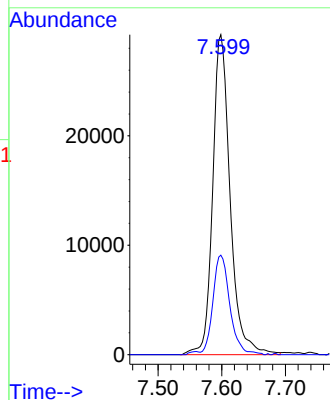
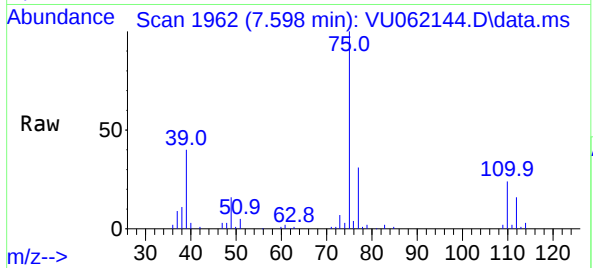
ClientSampleId :

Tgt Ion: 75 Resp: 55780

Ion Ratio Lower Upper

75 100

77 31.1 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 41.139 ug/L

RT: 7.779 min Scan# 2018

Delta R.T. -0.003 min

Lab File: VU062144.D

Acq: 06 Dec 2024 19:21

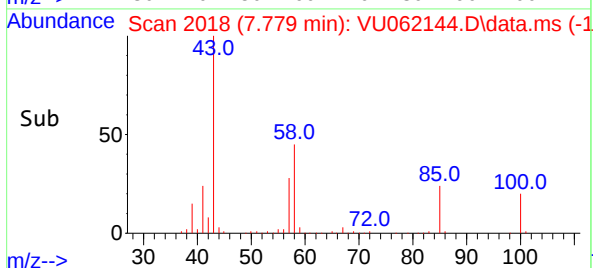
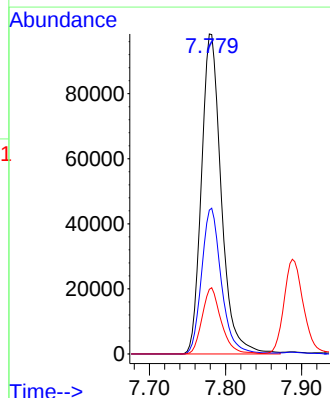
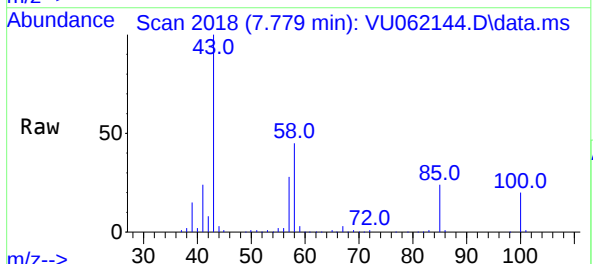
Tgt Ion: 43 Resp: 178222

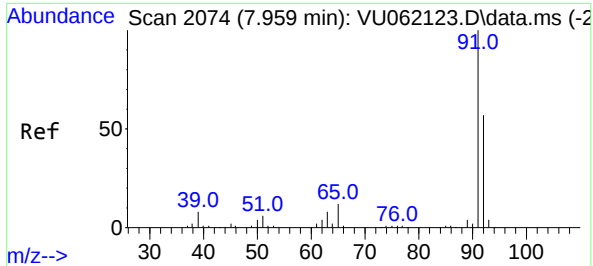
Ion Ratio Lower Upper

43 100

58 45.5 33.3 49.9

100 19.9 12.4 18.6#

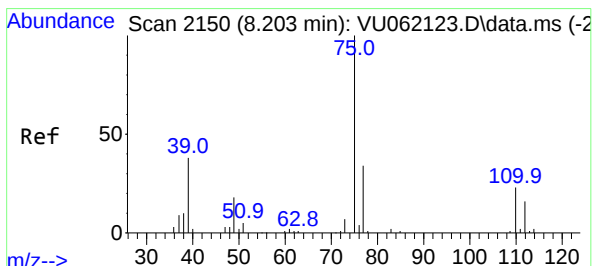
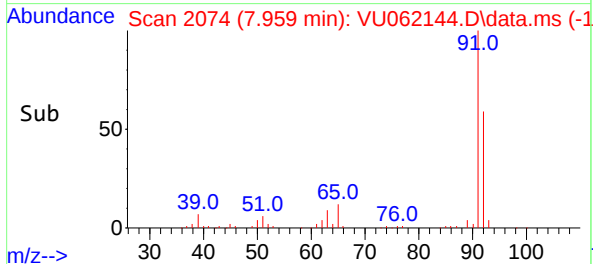
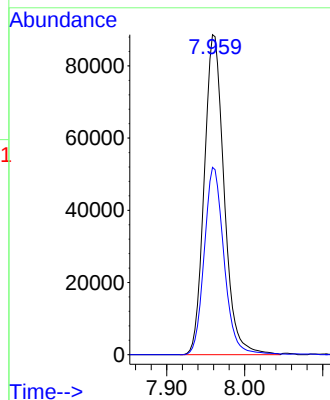
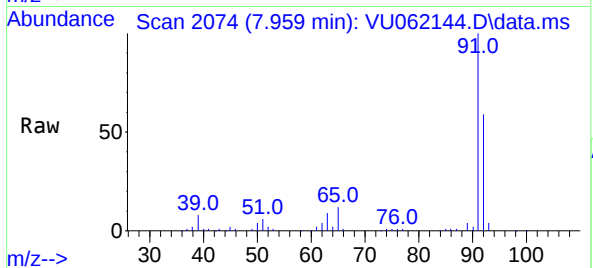




#42
Toluene
Concen: 4.845 ug/L
RT: 7.959 min Scan# 2074
Delta R.T. -0.003 min
Lab File: VU062144.D
Acq: 06 Dec 2024 19:21

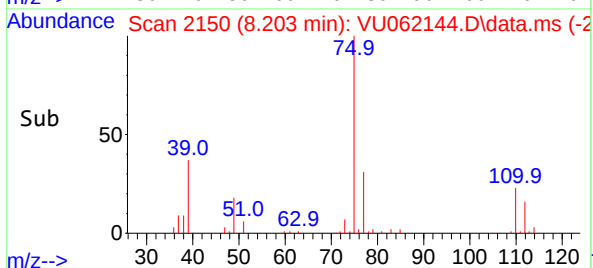
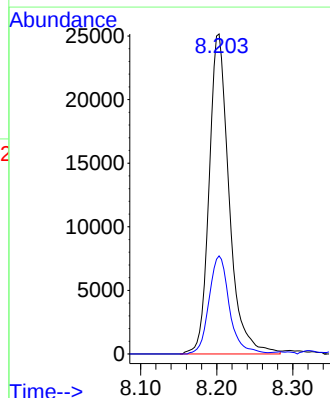
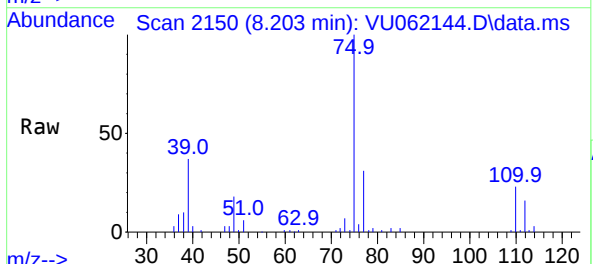
Instrument :
MSVOA_U
ClientSampleId :

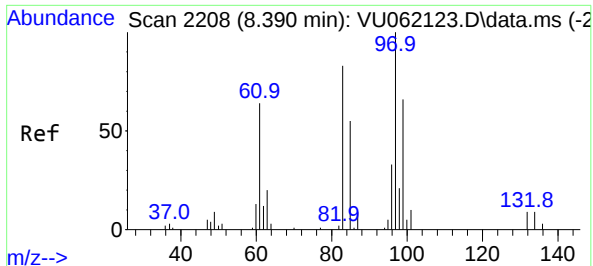
Tgt Ion: 91 Resp: 157137
Ion Ratio Lower Upper
91 100
92 58.6 39.0 72.4



#44
trans-1,3-Dichloropropene
Concen: 5.147 ug/L
RT: 8.203 min Scan# 2150
Delta R.T. -0.000 min
Lab File: VU062144.D
Acq: 06 Dec 2024 19:21

Tgt Ion: 75 Resp: 46019
Ion Ratio Lower Upper
75 100
77 30.6 21.8 40.4



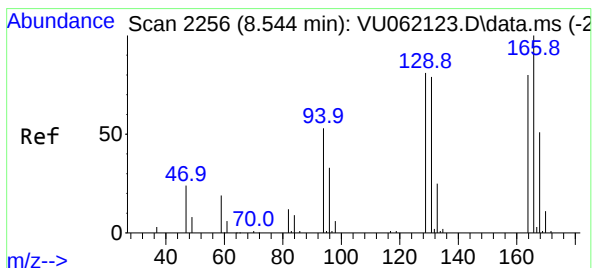
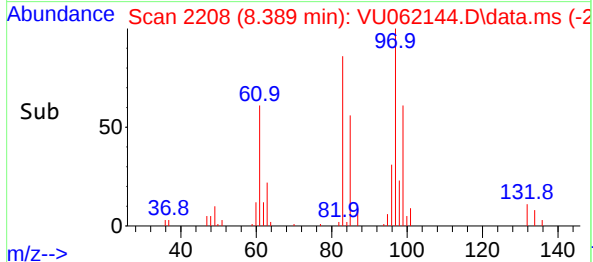
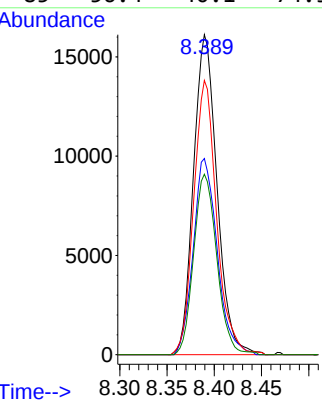
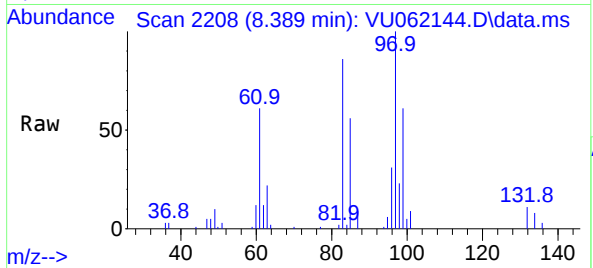


#45
1,1,2-Trichloroethane
Concen: 4.715 ug/L
RT: 8.389 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU062144.D
Acq: 06 Dec 2024 19:21

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 27887

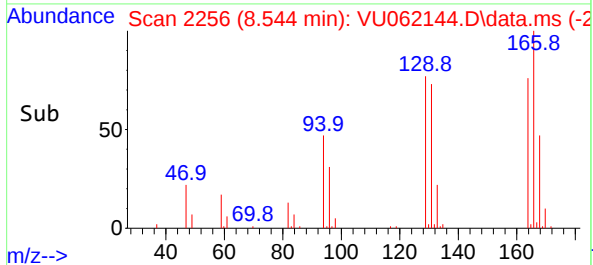
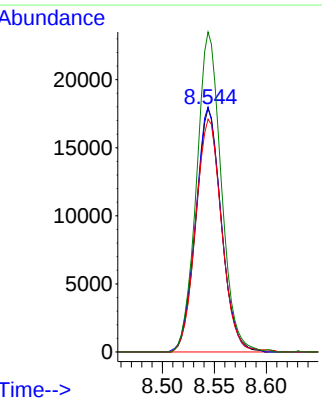
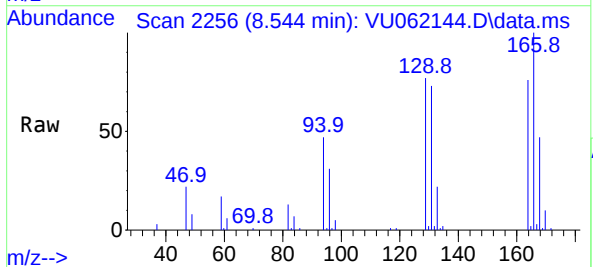
Ion	Ratio	Lower	Upper
97	100		
99	61.3	43.0	79.8
83	85.7	61.7	114.5
85	56.4	40.1	74.5

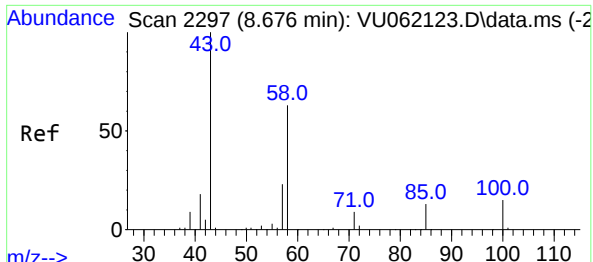


#47
Tetrachloroethene
Concen: 5.053 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU062144.D
Acq: 06 Dec 2024 19:21

Tgt Ion:164 Resp: 30311

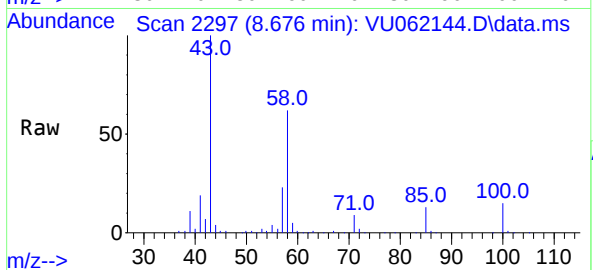
Ion	Ratio	Lower	Upper
164	100		
129	100.7	73.2	136.0
131	95.7	72.3	134.3
166	131.5	90.2	167.4



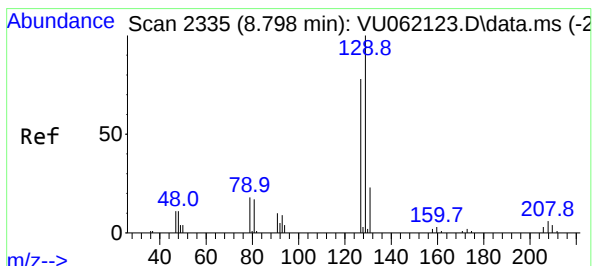
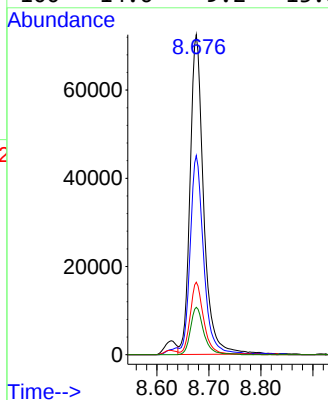
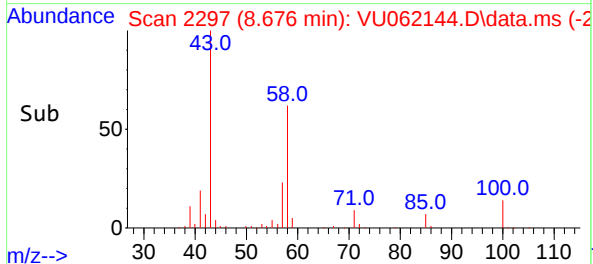


#48
2-Hexanone
Concen: 40.583 ug/L
RT: 8.676 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VU062144.D
Acq: 06 Dec 2024 19:21

Instrument :
MSVOA_U
ClientSampleId :

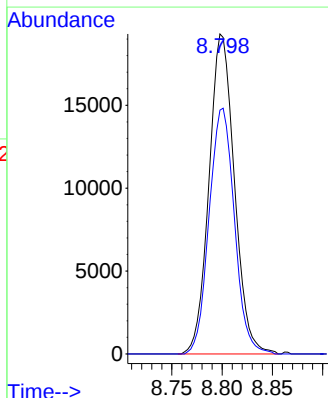
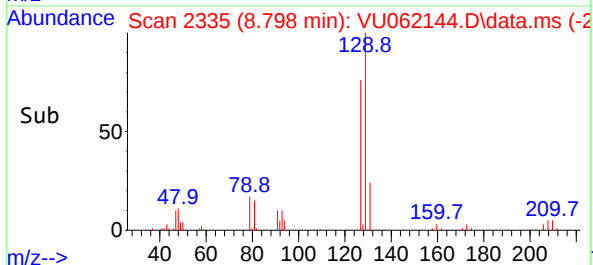
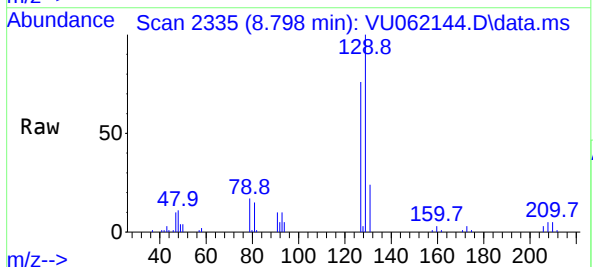


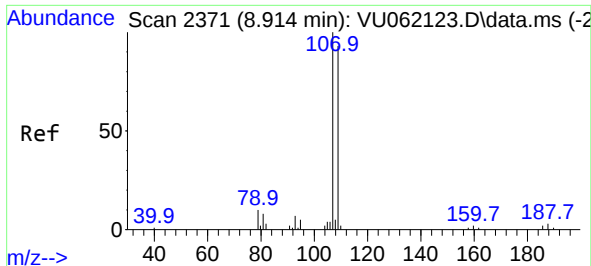
Tgt Ion: 43 Resp: 131666
Ion Ratio Lower Upper
43 100
58 63.9 47.5 71.3
57 22.1 15.6 23.4
100 14.6 9.2 13.8#



#49
Dibromochloromethane
Concen: 5.428 ug/L
RT: 8.798 min Scan# 2335
Delta R.T. -0.003 min
Lab File: VU062144.D
Acq: 06 Dec 2024 19:21

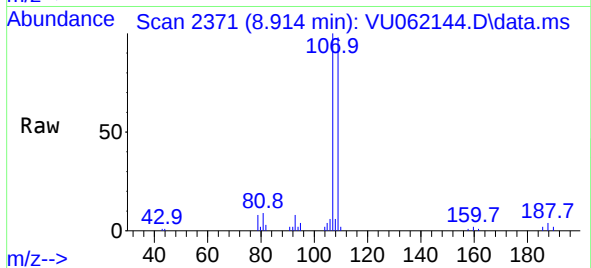
Tgt Ion: 129 Resp: 33920
Ion Ratio Lower Upper
129 100
127 76.2 51.1 94.9



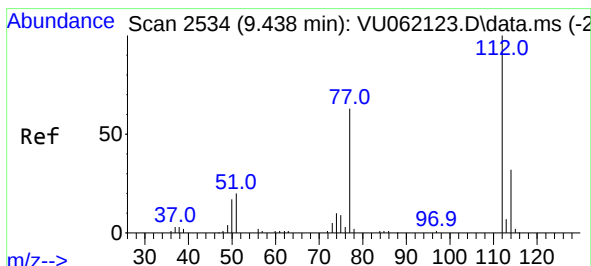
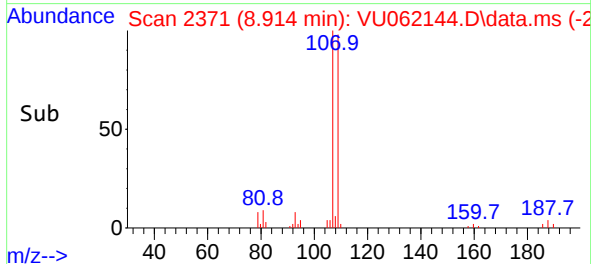
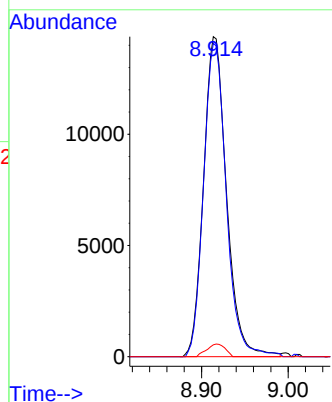


#50
1,2-Dibromoethane
Concen: 4.514 ug/L
RT: 8.914 min Scan# 214
Delta R.T. -0.003 min
Lab File: VU062144.D
Acq: 06 Dec 2024 19:21

Instrument :
MSVOA_U
ClientSampleId :

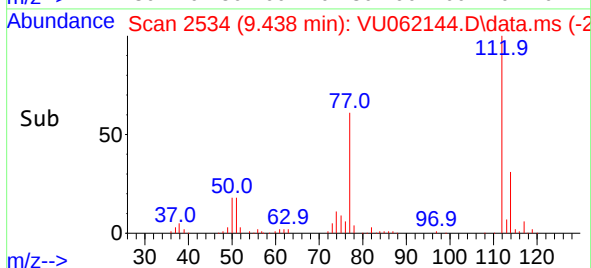
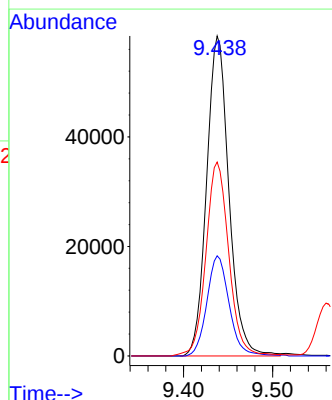
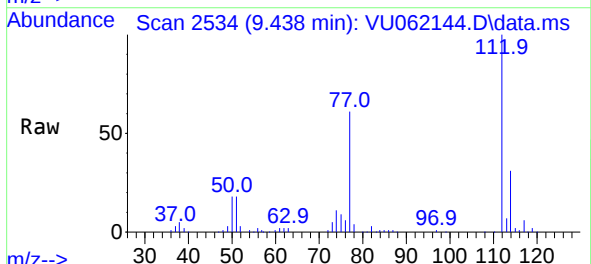


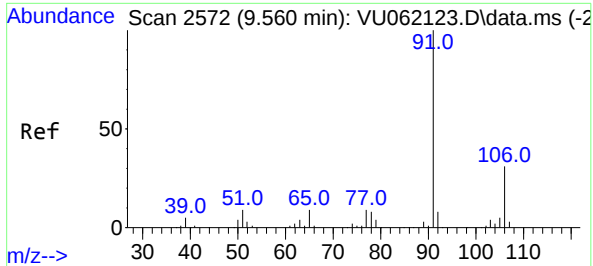
Tgt Ion:107 Resp: 26502
Ion Ratio Lower Upper
107 100
109 97.9 66.8 124.2
188 3.7 2.3 3.5#



#51
Chlorobenzene
Concen: 4.570 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. -0.000 min
Lab File: VU062144.D
Acq: 06 Dec 2024 19:21

Tgt Ion:112 Resp: 101516
Ion Ratio Lower Upper
112 100
114 31.3 23.0 42.6
77 60.6 50.5 75.7

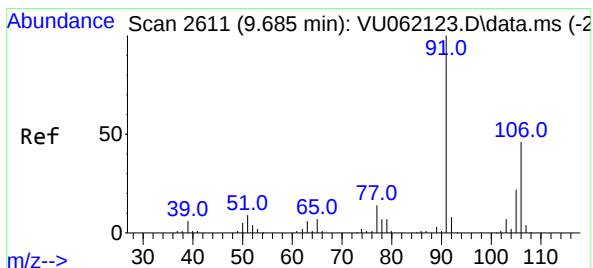
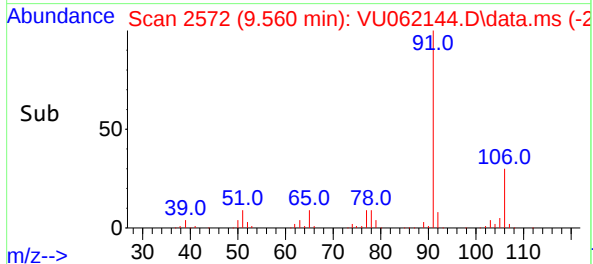
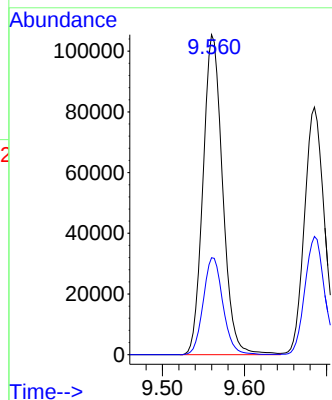
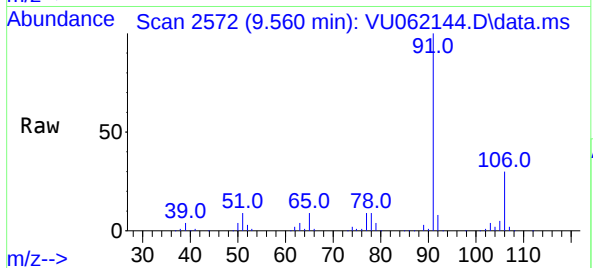




#52
Ethylbenzene
Concen: 4.509 ug/L
RT: 9.560 min Scan# 2572
Delta R.T. -0.003 min
Lab File: VU062144.D
Acq: 06 Dec 2024 19:21

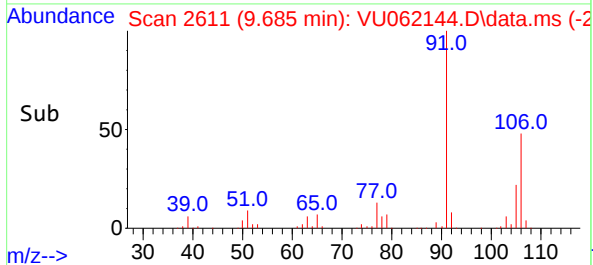
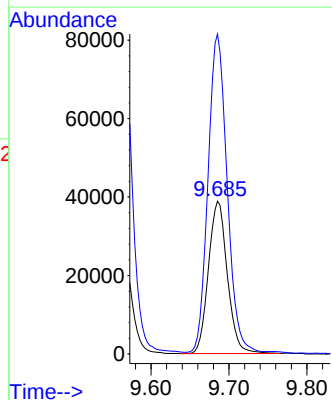
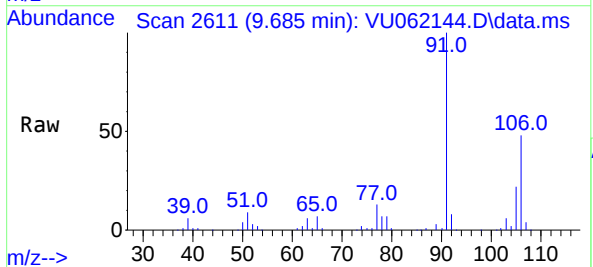
Instrument :
MSVOA_U
ClientSampleId :

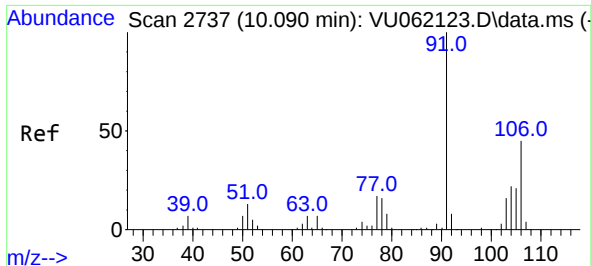
Tgt Ion: 91 Resp: 174982
Ion Ratio Lower Upper
91 100
106 30.3 21.6 40.0



#53
m,p-Xylene
Concen: 4.787 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU062144.D
Acq: 06 Dec 2024 19:21

Tgt Ion:106 Resp: 65554
Ion Ratio Lower Upper
106 100
91 209.4 147.6 274.0

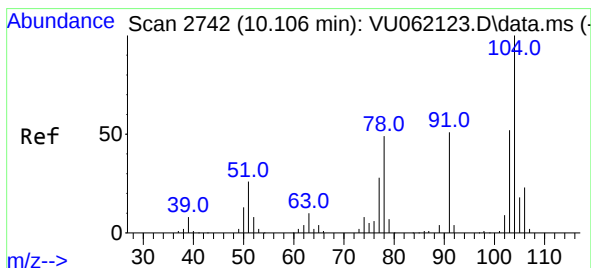
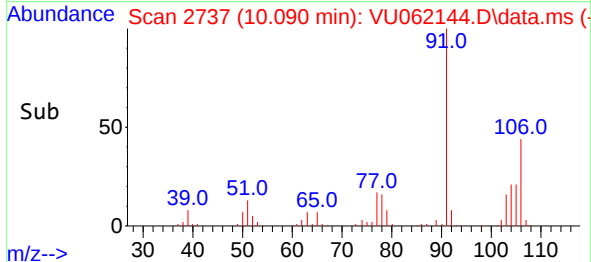
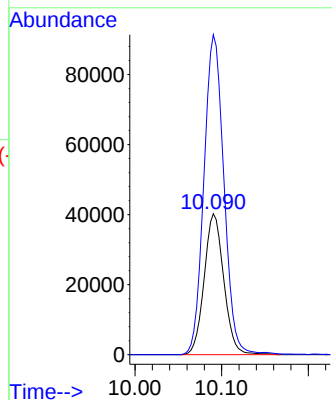
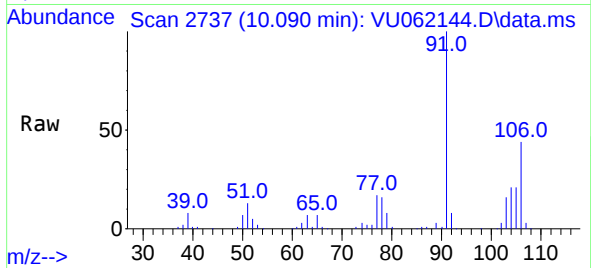




#54
o-Xylene
Concen: 4.578 ug/L
RT: 10.090 min Scan# 2737
Delta R.T. -0.003 min
Lab File: VU062144.D
Acq: 06 Dec 2024 19:21

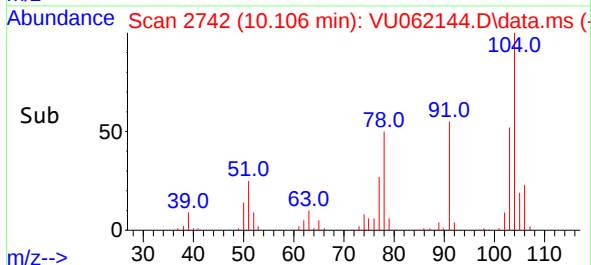
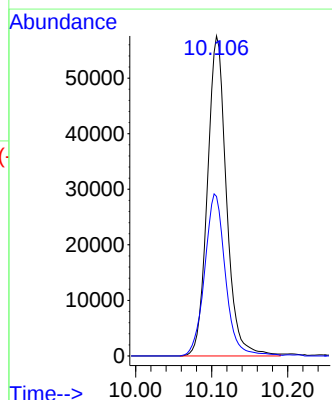
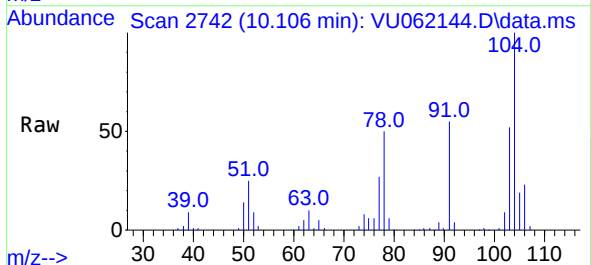
Instrument :
MSVOA_U
ClientSampleId :

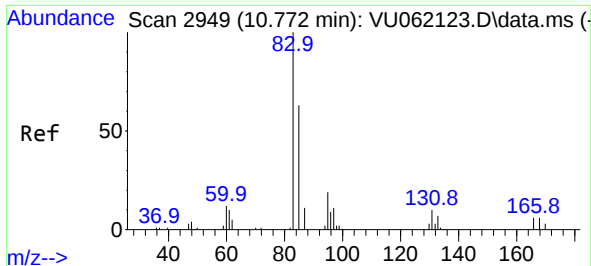
Tgt Ion:106 Resp: 63282
Ion Ratio Lower Upper
106 100
91 226.9 159.8 296.8



#55
Styrene
Concen: 4.393 ug/L
RT: 10.106 min Scan# 2742
Delta R.T. -0.000 min
Lab File: VU062144.D
Acq: 06 Dec 2024 19:21

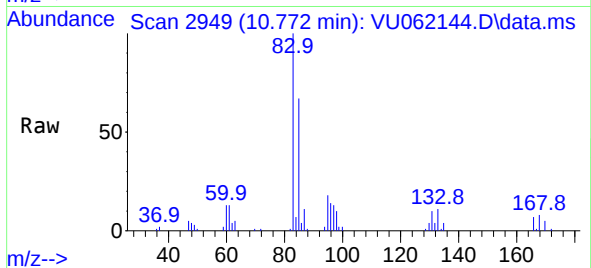
Tgt Ion:104 Resp: 100051
Ion Ratio Lower Upper
104 100
78 49.9 33.2 61.7



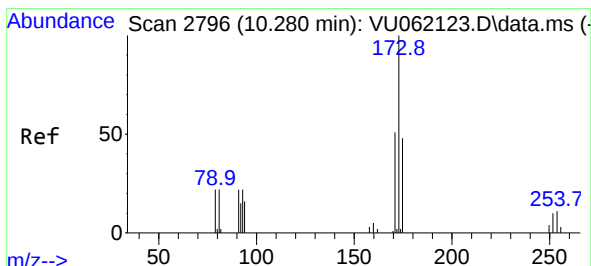
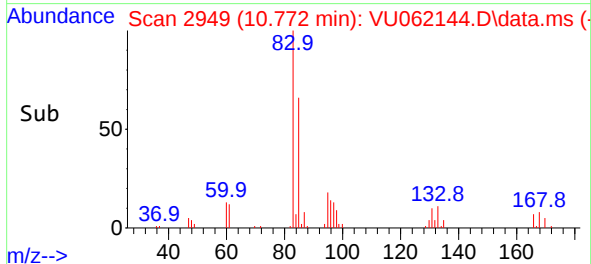
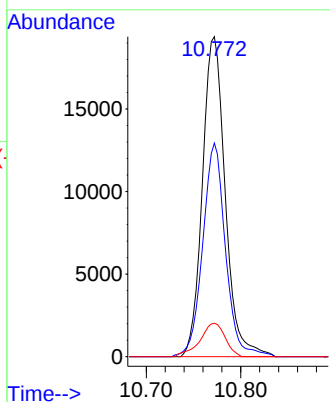


#57
1,1,2,2-Tetrachloroethane
Concen: 4.283 ug/L
RT: 10.772 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU062144.D
Acq: 06 Dec 2024 19:21

Instrument :
MSVOA_U
ClientSampleId :

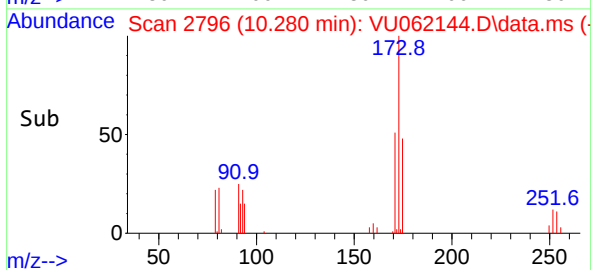
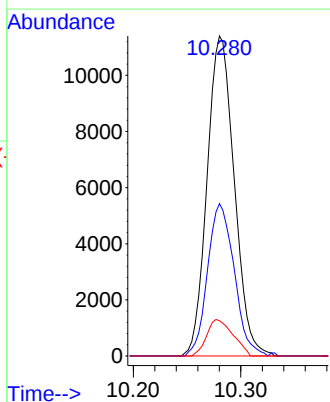
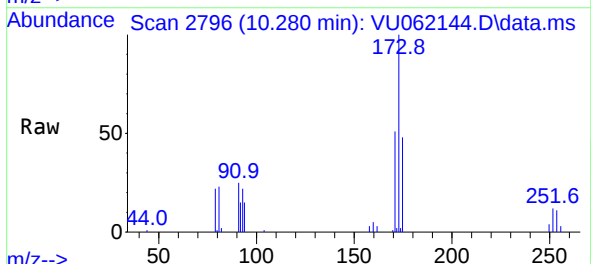


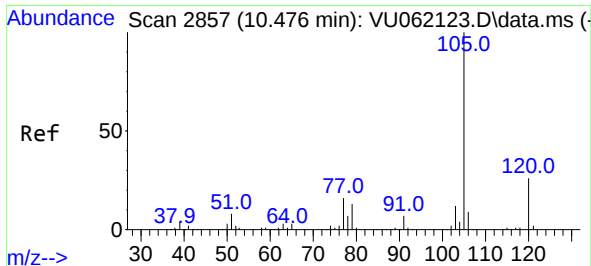
Tgt Ion: 83 Resp: 32466
Ion Ratio Lower Upper
83 100
85 66.8 44.4 82.4
131 10.5 7.3 10.9



#59
Bromoform
Concen: 5.107 ug/L
RT: 10.280 min Scan# 2796
Delta R.T. -0.003 min
Lab File: VU062144.D
Acq: 06 Dec 2024 19:21

Tgt Ion:173 Resp: 20022
Ion Ratio Lower Upper
173 100
175 46.6 39.0 58.4
254 11.0 7.4 11.0

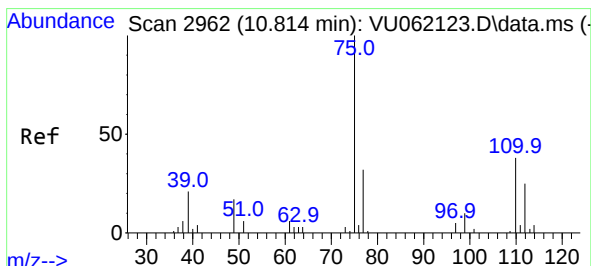
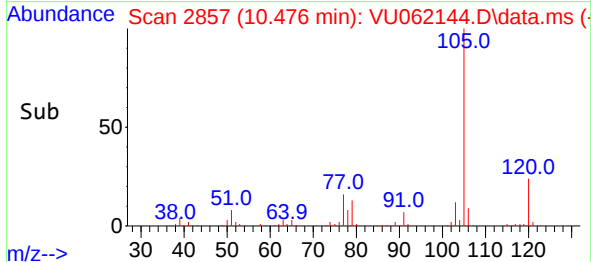
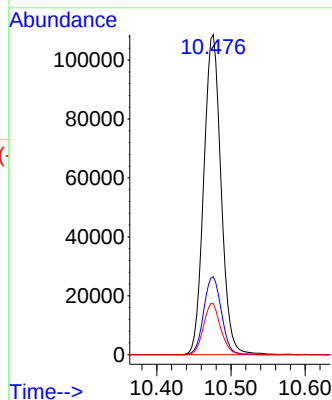
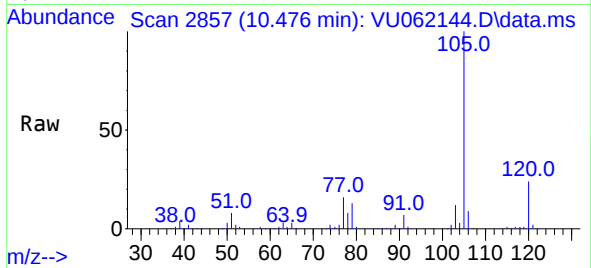




#60
Isopropylbenzene
Concen: 4.264 ug/L
RT: 10.476 min Scan# 2857
Delta R.T. -0.000 min
Lab File: VU062144.D
Acq: 06 Dec 2024 19:21

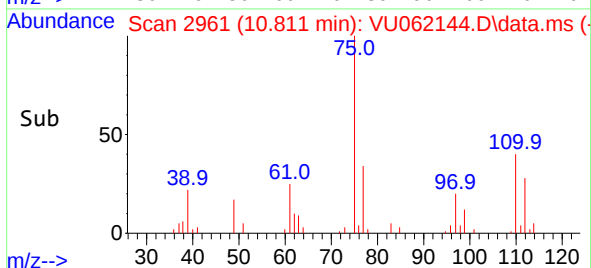
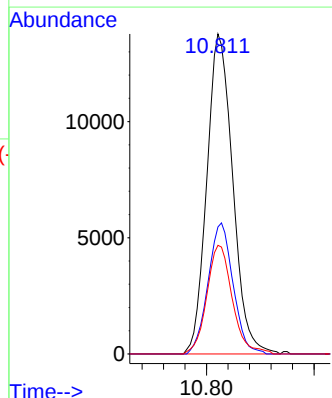
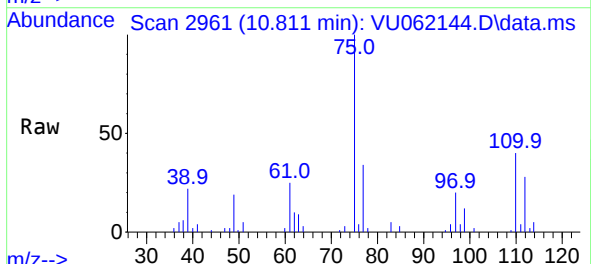
Instrument :
MSVOA_U
ClientSampleId :

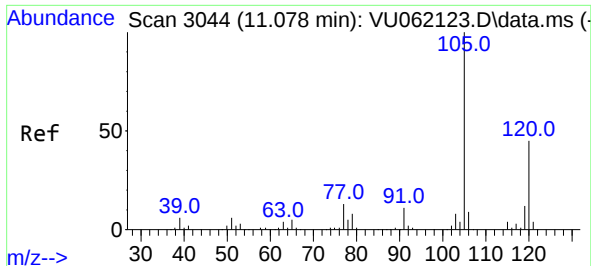
Tgt Ion:105 Resp: 175349
Ion Ratio Lower Upper
105 100
120 24.9 20.6 31.0
77 16.0 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 3.781 ug/L
RT: 10.811 min Scan# 2961
Delta R.T. -0.003 min
Lab File: VU062144.D
Acq: 06 Dec 2024 19:21

Tgt Ion: 75 Resp: 23050
Ion Ratio Lower Upper
75 100
110 39.4 28.9 43.3
77 33.4 26.5 39.7

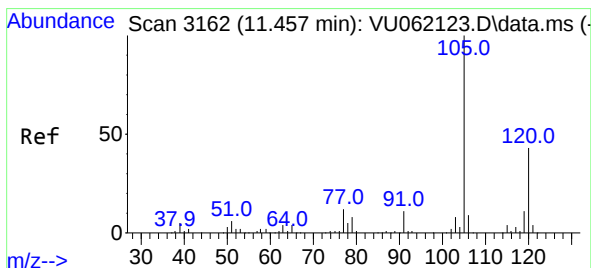
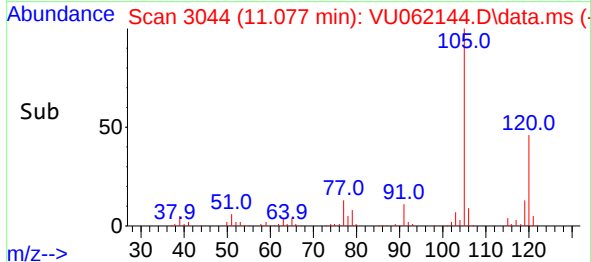
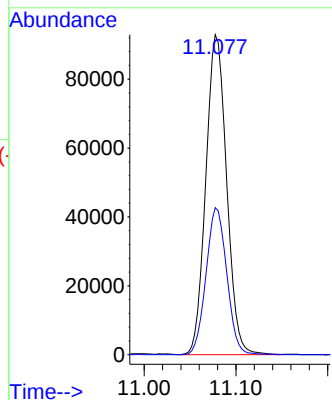
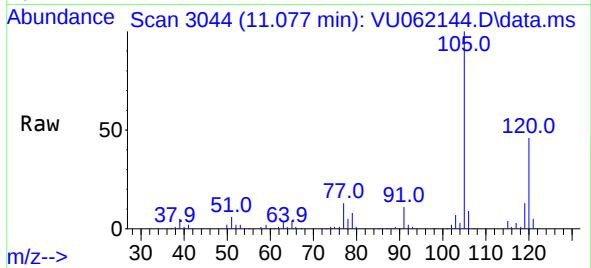




#62
1,3,5-Trimethylbenzene
Concen: 4.469 ug/L
RT: 11.077 min Scan# 3044
Delta R.T. -0.003 min
Lab File: VU062144.D
Acq: 06 Dec 2024 19:21

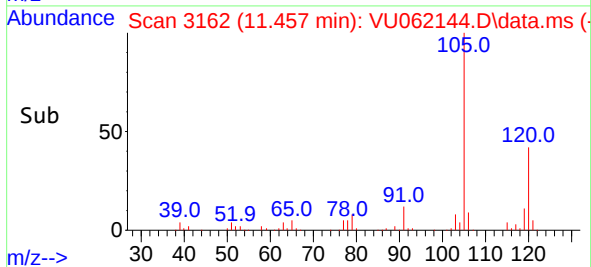
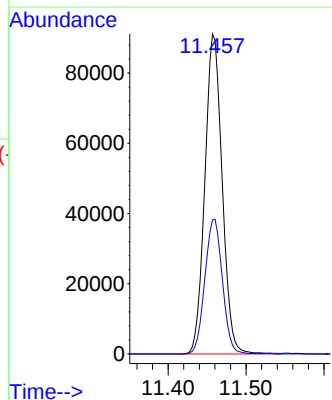
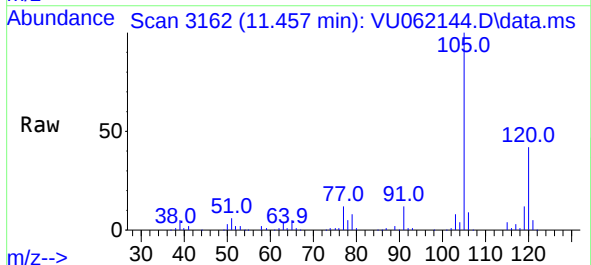
Instrument :
MSVOA_U
ClientSampleId :

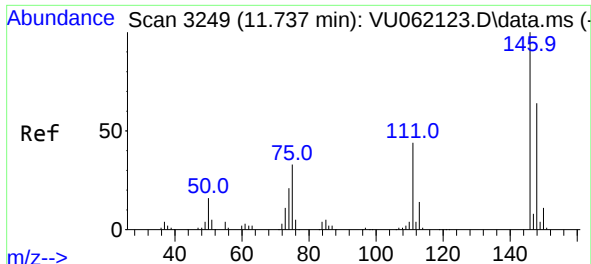
Tgt Ion:105 Resp: 146598
Ion Ratio Lower Upper
105 100
120 45.8 36.7 55.1



#63
1,2,4-Trimethylbenzene
Concen: 4.304 ug/L
RT: 11.457 min Scan# 3162
Delta R.T. -0.003 min
Lab File: VU062144.D
Acq: 06 Dec 2024 19:21

Tgt Ion:105 Resp: 140747
Ion Ratio Lower Upper
105 100
120 42.6 34.7 52.1

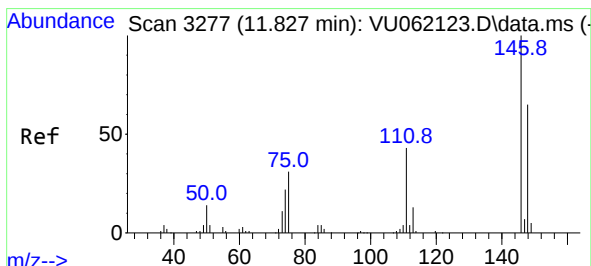
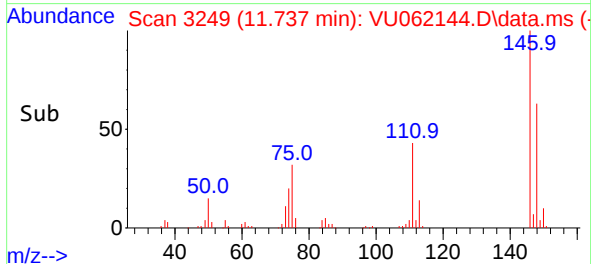
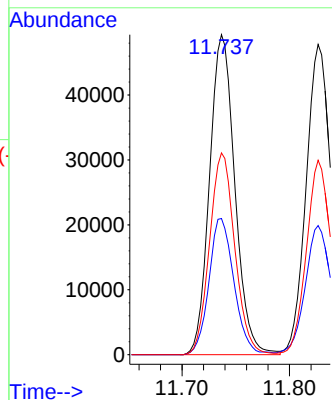
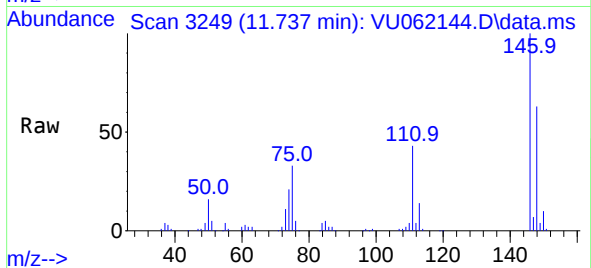




#64
1,3-Dichlorobenzene
Concen: 4.418 ug/L
RT: 11.737 min Scan# 3249
Delta R.T. -0.000 min
Lab File: VU062144.D
Acq: 06 Dec 2024 19:21

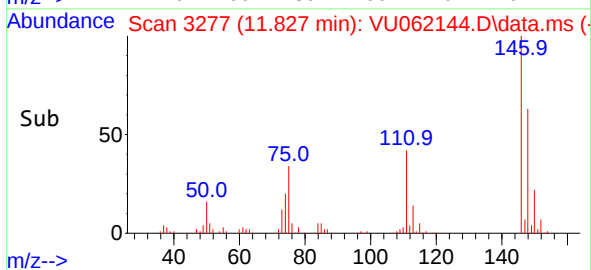
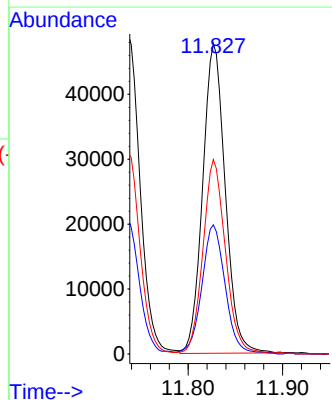
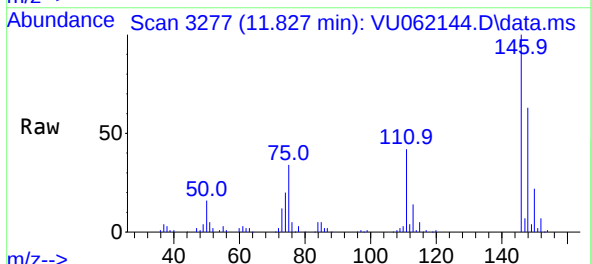
Instrument :
MSVOA_U
ClientSampleId :

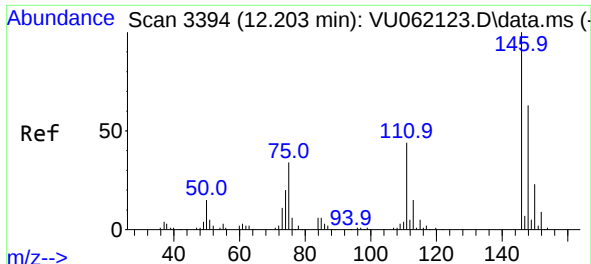
Tgt Ion:146 Resp: 80645
Ion Ratio Lower Upper
146 100
111 42.5 30.7 57.1
148 63.1 45.1 83.7



#65
1,4-Dichlorobenzene
Concen: 4.479 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. -0.003 min
Lab File: VU062144.D
Acq: 06 Dec 2024 19:21

Tgt Ion:146 Resp: 79128
Ion Ratio Lower Upper
146 100
111 41.6 29.3 54.3
148 62.7 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 4.690 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. -0.003 min

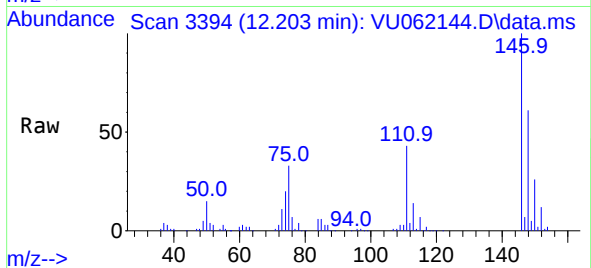
Lab File: VU062144.D

Acq: 06 Dec 2024 19:21

Instrument :

MSVOA_U

ClientSampleId :



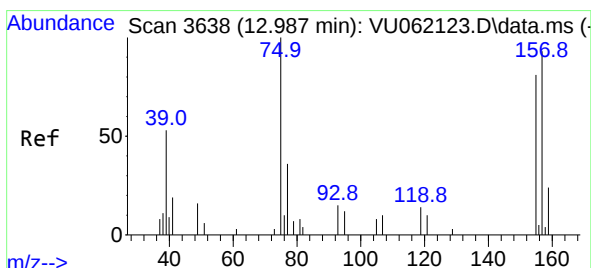
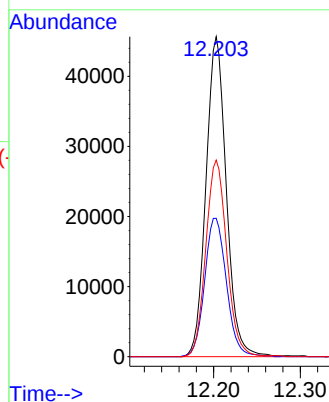
Tgt Ion:146 Resp: 74460

Ion Ratio Lower Upper

146 100

111 43.2 36.0 54.0

148 61.5 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.006 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.003 min

Lab File: VU062144.D

Acq: 06 Dec 2024 19:21

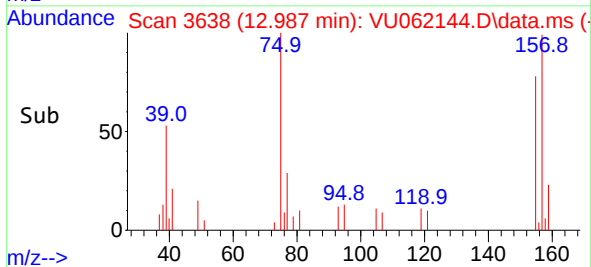
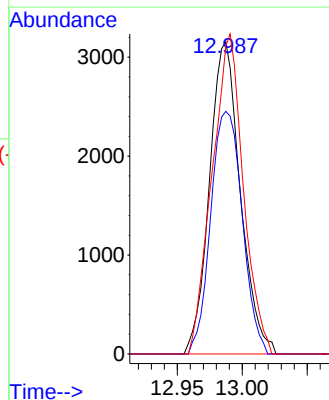
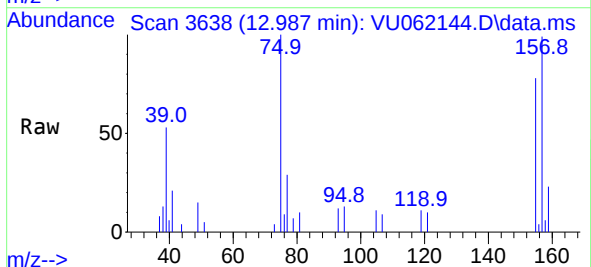
Tgt Ion: 75 Resp: 5209

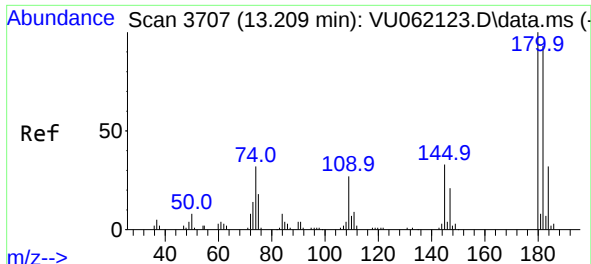
Ion Ratio Lower Upper

75 100

155 77.8 55.2 82.8

157 98.6 73.5 110.3





#69

1,3,5-Trichlorobenzene

Concen: 5.108 ug/L

RT: 13.209 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU062144.D

Acq: 06 Dec 2024 19:21

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 55487

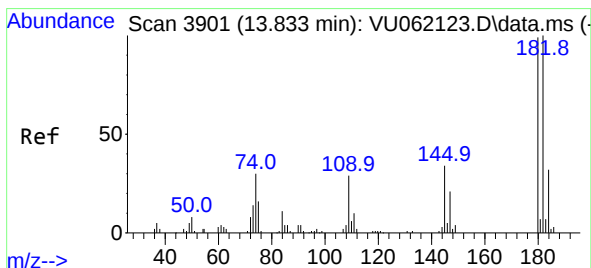
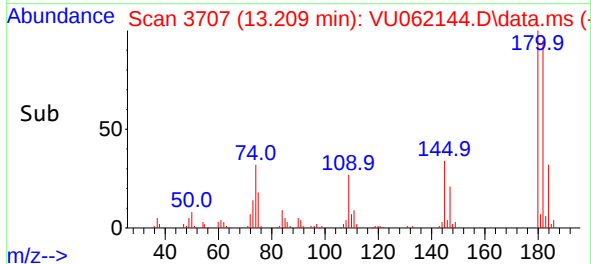
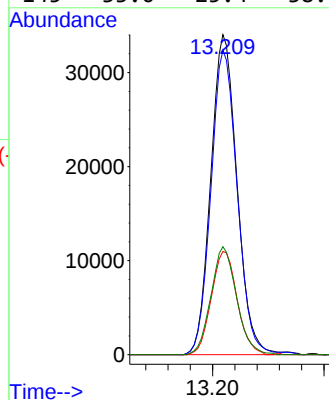
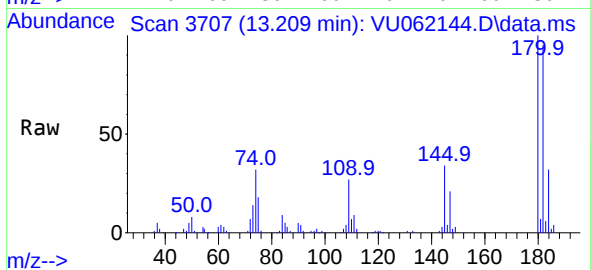
Ion Ratio Lower Upper

180 100

182 95.5 76.7 115.1

184 31.8 24.8 37.2

145 33.0 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 5.337 ug/L

RT: 13.830 min Scan# 3900

Delta R.T. -0.003 min

Lab File: VU062144.D

Acq: 06 Dec 2024 19:21

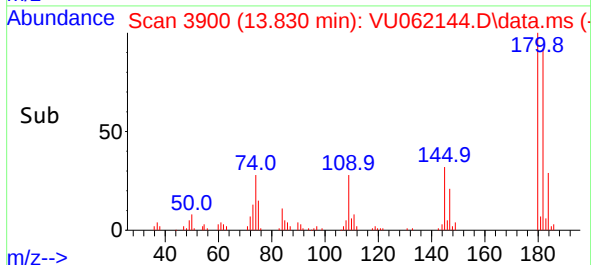
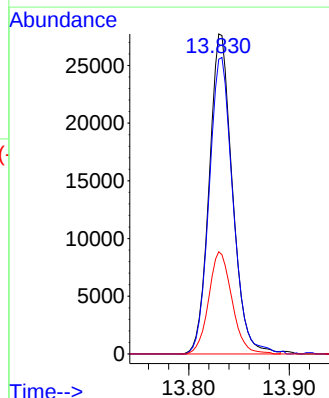
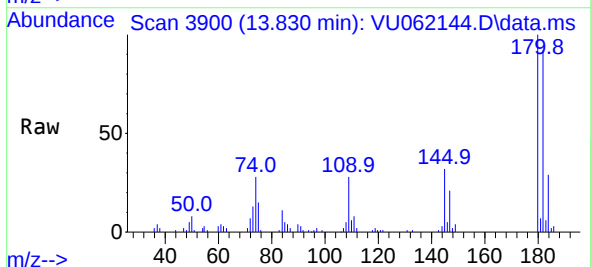
Tgt Ion:180 Resp: 44427

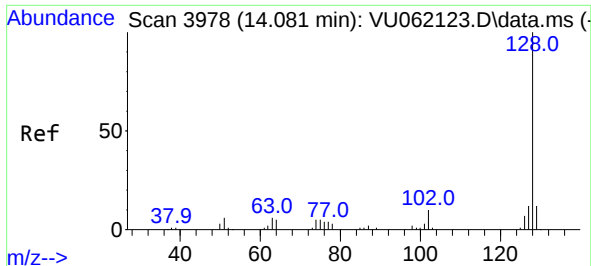
Ion Ratio Lower Upper

180 100

182 95.1 74.5 111.7

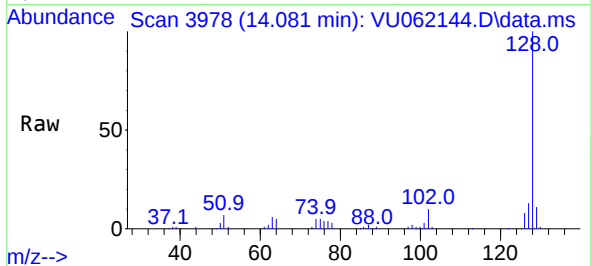
145 32.1 25.6 38.4



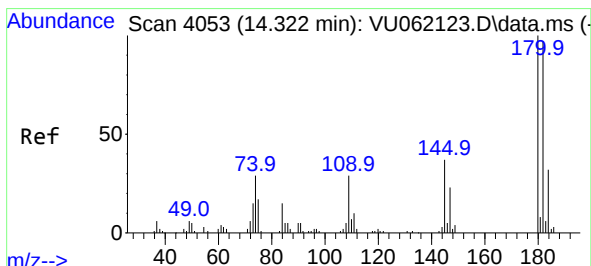
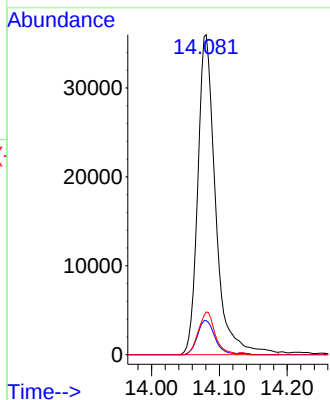


#71
Naphthalene
Concen: 4.897 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU062144.D
Acq: 06 Dec 2024 19:21

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 65703
Ion Ratio Lower Upper
128 100
129 10.5 8.5 12.7
127 12.5 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.410 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU062144.D
Acq: 06 Dec 2024 19:21

Tgt Ion:180 Resp: 38791
Ion Ratio Lower Upper
180 100
182 93.9 76.1 114.1
145 35.8 27.4 41.0

