

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120724\
 Data File : VU062145.D
 Acq On : 06 Dec 2024 19:45
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 06 23:17:44 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	100454	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	94312	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	47863	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	18049	3.663	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.200%
7) Chloroethane-d5	1.907	69	15440	3.542	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.800%
11) 1,1-Dichloroethene-d2	2.560	65	8470	4.303	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.000%
20) 2-Butanone-d5	4.624	46	65013	42.016	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.040%
24) Chloroform-d	5.052	84	57547	4.787	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
26) 1,2-Dichloroethane-d4	5.692	65	30311	4.899	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
32) Benzene-d6	5.717	84	90825	4.943	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
36) 1,2-Dichloropropane-d6	6.679	67	30313	4.855	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.000%
41) Toluene-d8	7.888	98	77291	5.043	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
43) trans-1,3-Dichloroprop...	8.171	79	13063	5.651	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	113.000%
46) 2-Hexanone-d5	8.624	63	46837	44.394	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.780%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	27871	4.467	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.400%
66) 1,2-Dichlorobenzene-d4	12.183	152	35606	5.031	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.600%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	44505	5.064	ug/L	98
3) Chloromethane	1.515	50	34649	3.825	ug/L	97
5) Vinyl chloride	1.602	62	36190	3.888	ug/L	99
6) Bromomethane	1.853	94	24360	4.397	ug/L	95
8) Chloroethane	1.930	64	19886	3.314	ug/L	96
9) Trichlorofluoromethane	2.132	101	63106	5.360	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	33211	4.584	ug/L	91
12) 1,1-Dichloroethene	2.573	96	30978	4.598	ug/L	96
13) Acetone	2.640	43	45601	42.685	ug/L	95
14) Carbon disulfide	2.785	76	87625	4.089	ug/L	99
15) Methyl Acetate	2.952	43	11123	4.055	ug/L #	88
16) Methylene chloride	3.036	84	35954	4.445	ug/L	91
17) Methyl tert-butyl Ether	3.354	73	86893	5.033	ug/L	96
18) trans-1,2-Dichloroethene	3.345	96	33059	4.642	ug/L	89
19) 1,1-Dichloroethane	3.859	63	63521	4.579	ug/L	99
21) 2-Butanone	4.701	43	73831	42.760	ug/L	100
22) cis-1,2-Dichloroethene	4.656	96	39038	4.871	ug/L	98
23) Bromochloromethane	4.965	128	17950	5.152	ug/L	83
25) Chloroform	5.078	83	73061	5.038	ug/L	100

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Quant Time: Dec 06 23:17:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
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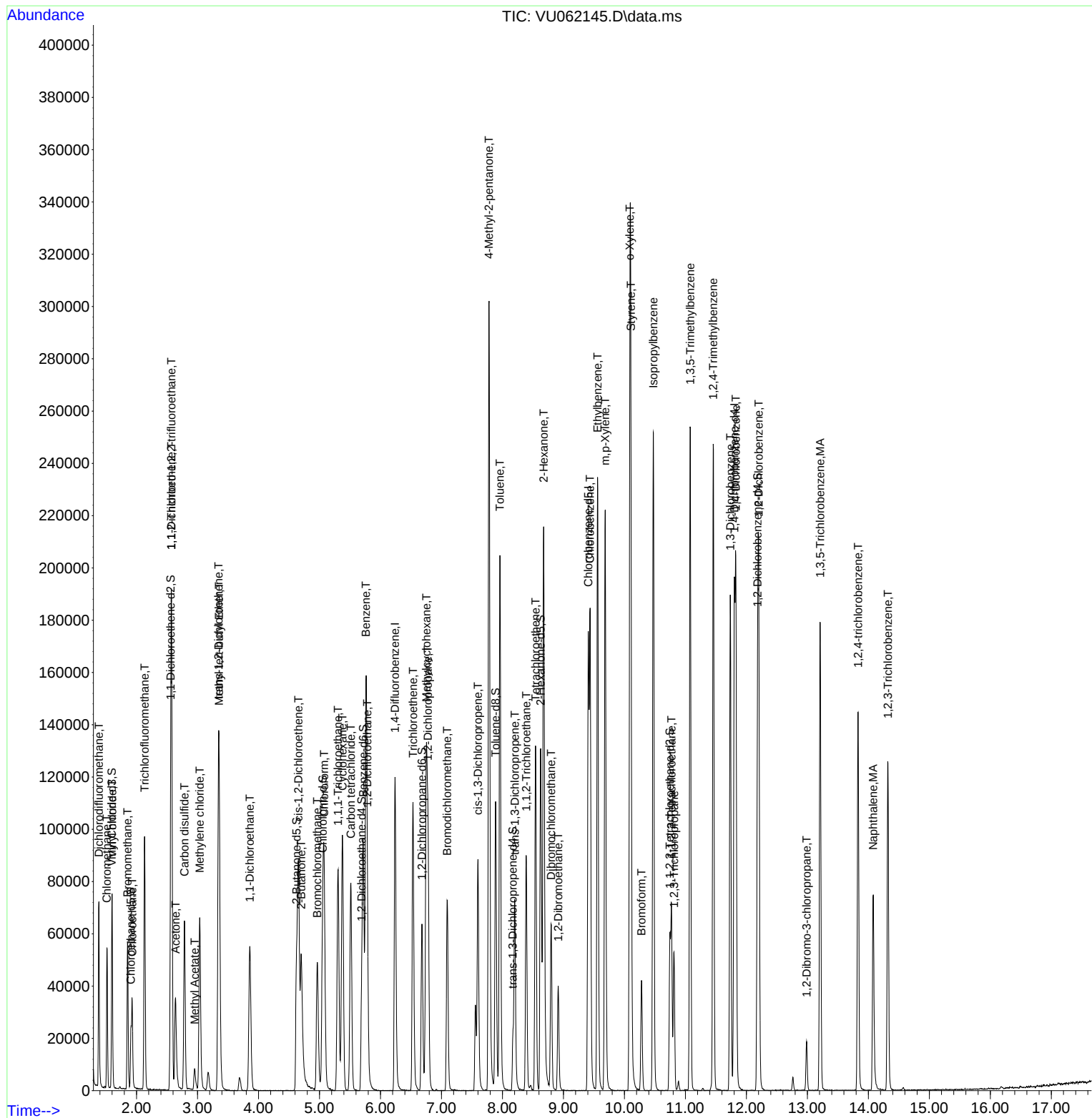
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	45261	4.852	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	65916	6.064	ug/L	95
30) Cyclohexane	5.377	56	48071	4.228	ug/L	92
31) Carbon tetrachloride	5.515	117	57916	6.274	ug/L	97
33) Benzene	5.762	78	143005	5.021	ug/L	100
34) Trichloroethene	6.534	95	39241	5.162	ug/L	96
35) Methylcyclohexane	6.753	83	53883	4.634	ug/L	95
37) 1,2-Dichloropropane	6.779	63	35918	4.854	ug/L	100
38) Bromodichloromethane	7.094	83	50525	5.630	ug/L	98
39) cis-1,3-Dichloropropene	7.598	75	56069	5.404	ug/L	99
40) 4-Methyl-2-pentanone	7.778	43	180434	45.192	ug/L #	92
42) Toluene	7.959	91	153068	5.121	ug/L	95
44) trans-1,3-Dichloropropene	8.203	75	45840	5.563	ug/L	98
45) 1,1,2-Trichloroethane	8.389	97	27866	5.112	ug/L	96
47) Tetrachloroethene	8.544	164	30279	5.477	ug/L	94
48) 2-Hexanone	8.676	43	132562	44.334	ug/L #	92
49) Dibromochloromethane	8.798	129	32864	5.707	ug/L	92
50) 1,2-Dibromoethane	8.913	107	26261	4.854	ug/L #	98
51) Chlorobenzene	9.438	112	98960	4.834	ug/L	99
52) Ethylbenzene	9.560	91	168410	4.708	ug/L	99
53) m,p-Xylene	9.685	106	63142	5.003	ug/L	100
54) o-Xylene	10.090	106	62297	4.890	ug/L	99
55) Styrene	10.106	104	104674	4.987	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.772	83	32511	4.654	ug/L	99
59) Bromoform	10.280	173	19756	5.552	ug/L	99
60) Isopropylbenzene	10.476	105	167204	4.480	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	23495	4.246	ug/L	97
62) 1,3,5-Trimethylbenzene	11.081	105	141978	4.769	ug/L	100
63) 1,2,4-Trimethylbenzene	11.457	105	141104	4.754	ug/L	99
64) 1,3-Dichlorobenzene	11.736	146	78309	4.727	ug/L	100
65) 1,4-Dichlorobenzene	11.827	146	77808	4.852	ug/L	97
67) 1,2-Dichlorobenzene	12.203	146	74406	5.164	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.987	75	5219	5.527	ug/L #	76
69) 1,3,5-Trichlorobenzene	13.209	180	57356	5.818	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	46177	6.112	ug/L	98
71) Naphthalene	14.080	128	68387	5.616	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	40421	6.212	ug/L	99

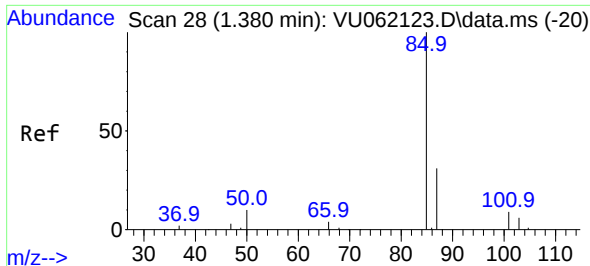
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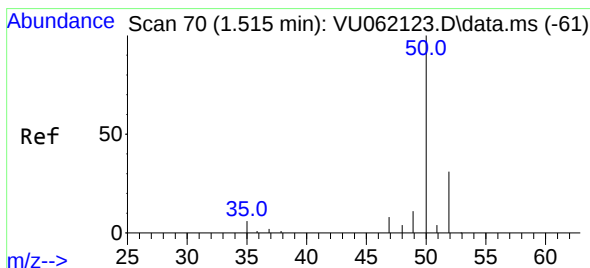
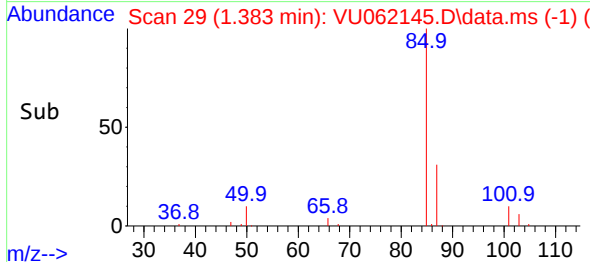
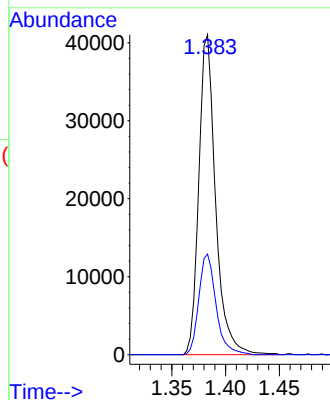
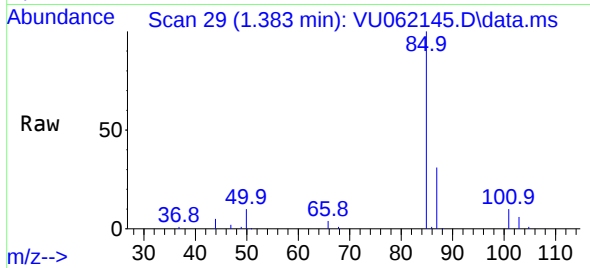




#2
 Dichlorodifluoromethane
 Concen: 5.064 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU062145.D
 Acq: 06 Dec 2024 19:45

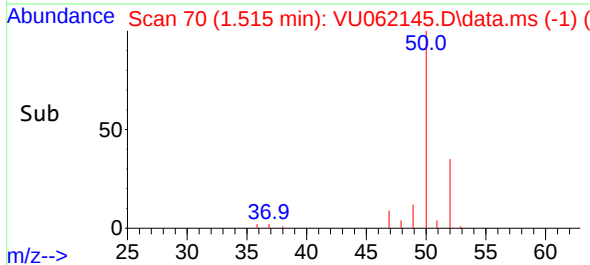
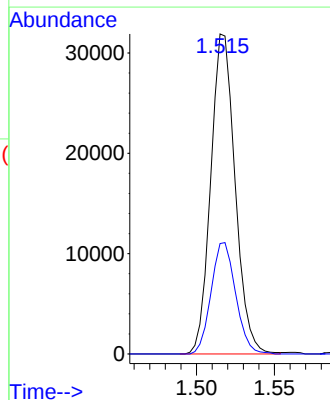
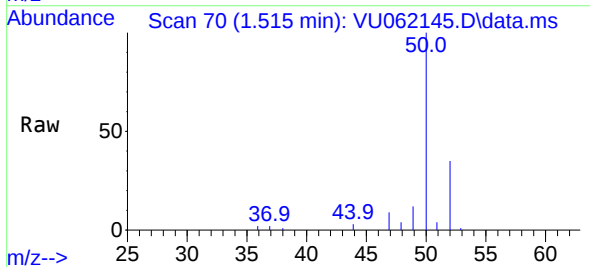
Instrument :
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 ClientSampleId :

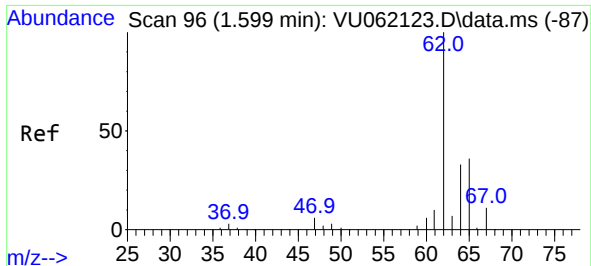
Tgt Ion: 85 Resp: 44505
 Ion Ratio Lower Upper
 85 100
 87 32.3 26.6 40.0



#3
 Chloromethane
 Concen: 3.825 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VU062145.D
 Acq: 06 Dec 2024 19:45

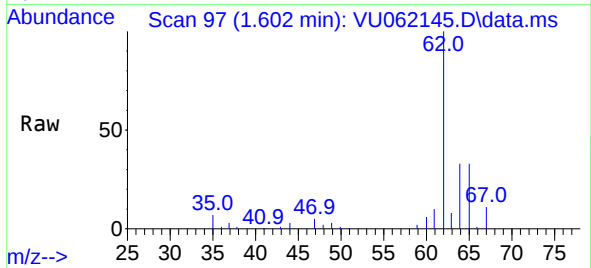
Tgt Ion: 50 Resp: 34649
 Ion Ratio Lower Upper
 50 100
 52 34.5 23.1 42.9



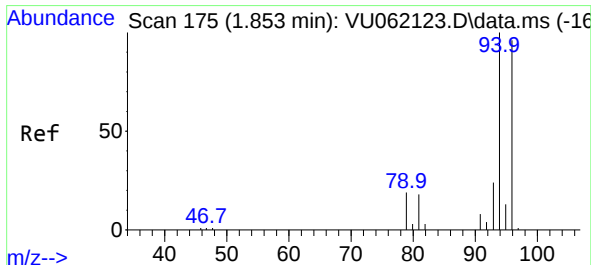
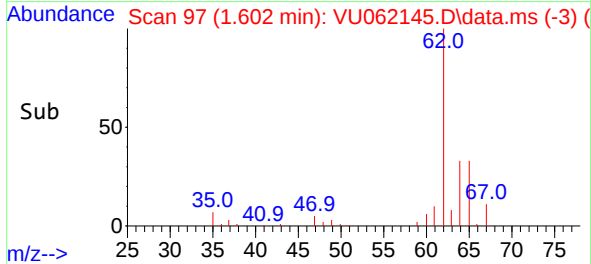
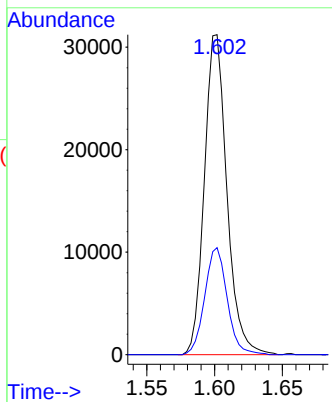


#5
Vinyl chloride
Concen: 3.888 ug/L
RT: 1.602 min Scan# 91
Delta R.T. 0.003 min
Lab File: VU062145.D
Acq: 06 Dec 2024 19:45

Instrument :
MSVOA_U
ClientSampleId :

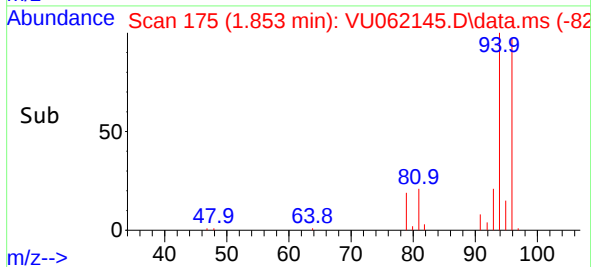
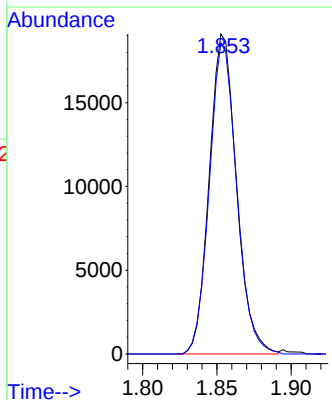
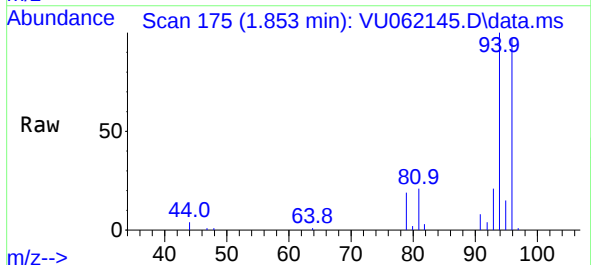


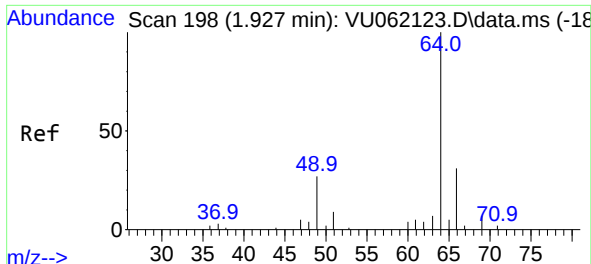
Tgt Ion: 62 Resp: 36190
Ion Ratio Lower Upper
62 100
64 33.4 23.1 42.9



#6
Bromomethane
Concen: 4.397 ug/L
RT: 1.853 min Scan# 175
Delta R.T. -0.000 min
Lab File: VU062145.D
Acq: 06 Dec 2024 19:45

Tgt Ion: 94 Resp: 24360
Ion Ratio Lower Upper
94 100
96 97.2 64.5 119.9

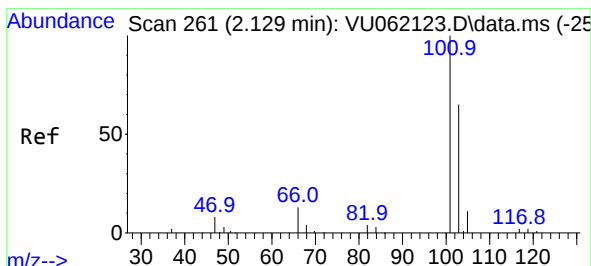
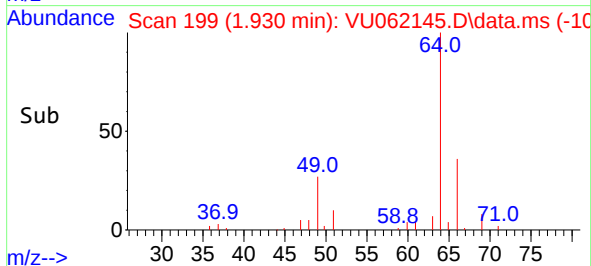
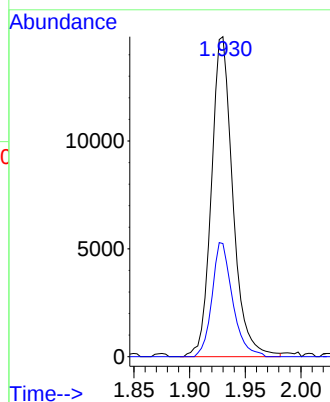
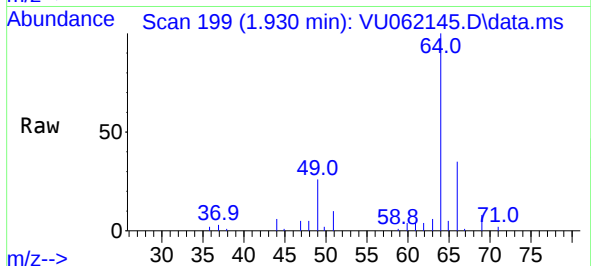




#8
Chloroethane
Concen: 3.314 ug/L
RT: 1.930 min Scan# 198
Delta R.T. -0.000 min
Lab File: VU062145.D
Acq: 06 Dec 2024 19:45

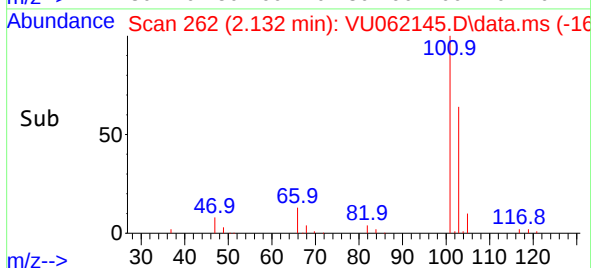
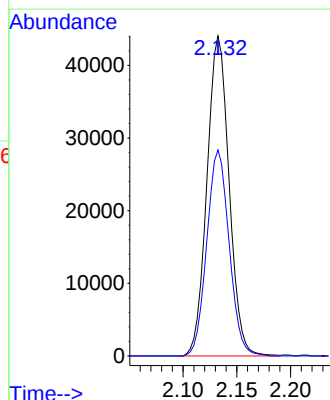
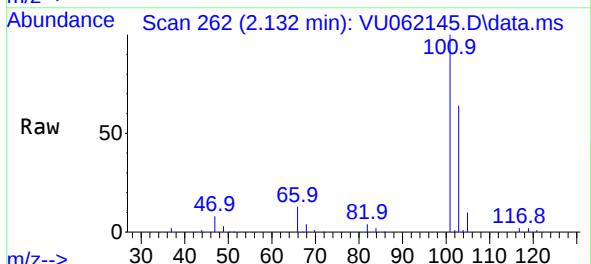
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ClientSampleId :

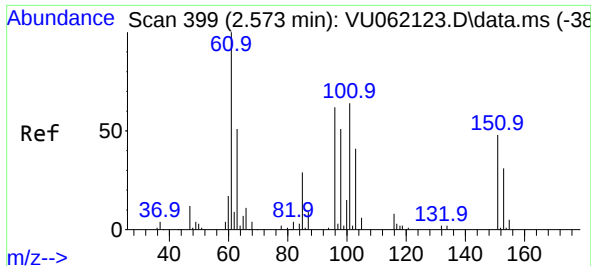
Tgt Ion: 64 Resp: 19886
Ion Ratio Lower Upper
64 100
66 35.4 23.2 43.2



#9
Trichlorofluoromethane
Concen: 5.360 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU062145.D
Acq: 06 Dec 2024 19:45

Tgt Ion:101 Resp: 63106
Ion Ratio Lower Upper
101 100
103 64.9 50.6 75.8

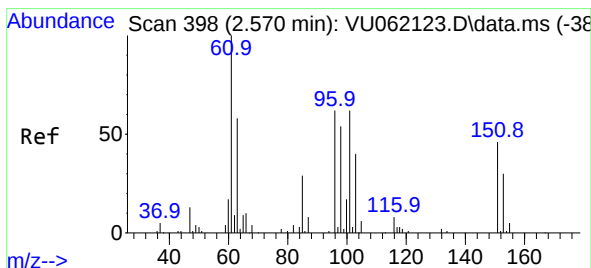
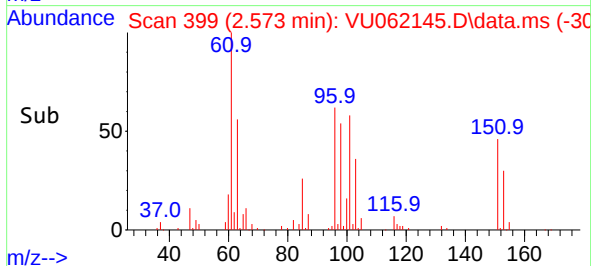
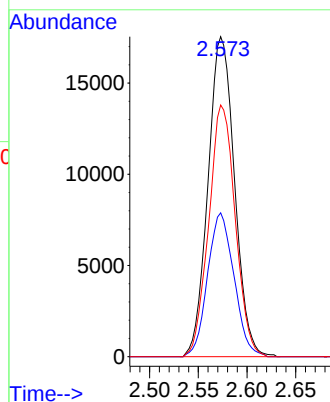
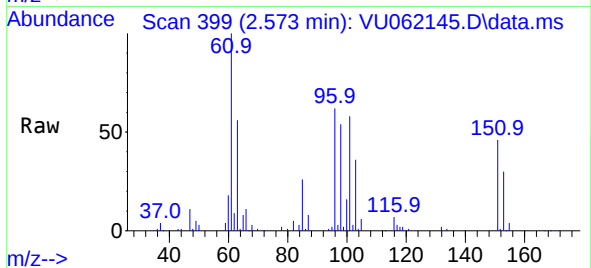




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.584 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU062145.D
Acq: 06 Dec 2024 19:45

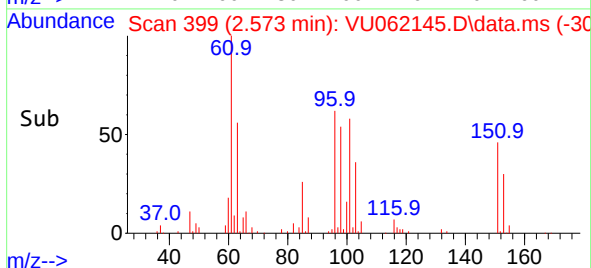
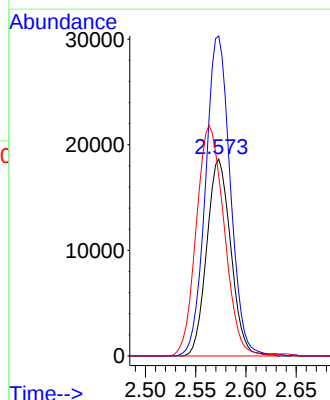
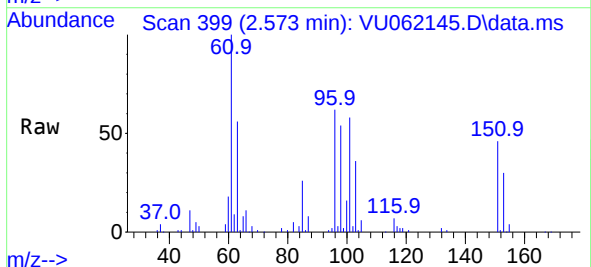
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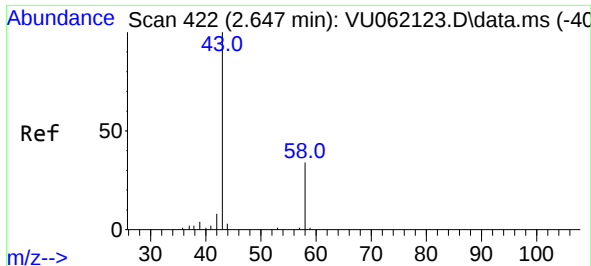
Tgt Ion:101 Resp: 33211
Ion Ratio Lower Upper
101 100
85 44.7 38.0 57.0
151 78.6 55.3 82.9



#12
1,1-Dichloroethene
Concen: 4.598 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU062145.D
Acq: 06 Dec 2024 19:45

Tgt Ion: 96 Resp: 30978
Ion Ratio Lower Upper
96 100
61 162.5 119.6 222.2
63 91.4 65.0 120.6

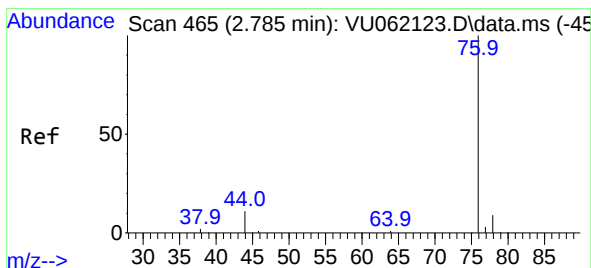
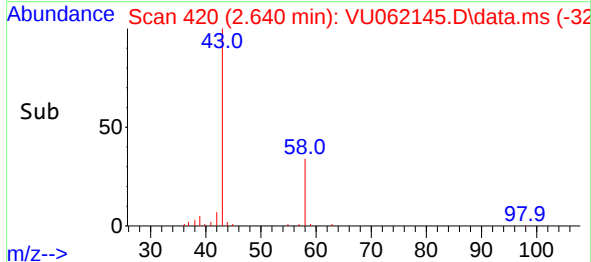
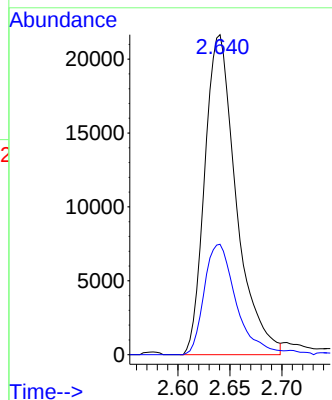
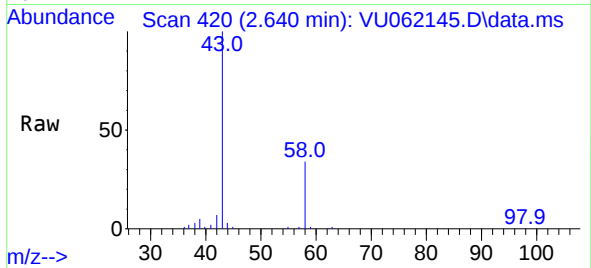




#13
Acetone
Concen: 42.685 ug/L
RT: 2.640 min Scan# 41
Delta R.T. -0.007 min
Lab File: VU062145.D
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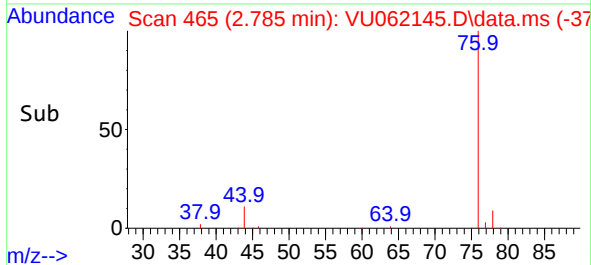
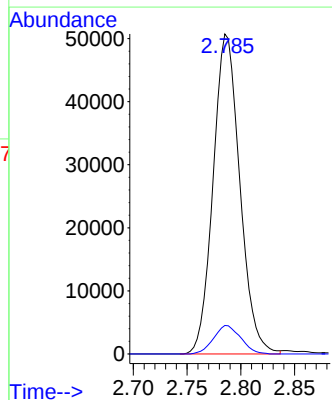
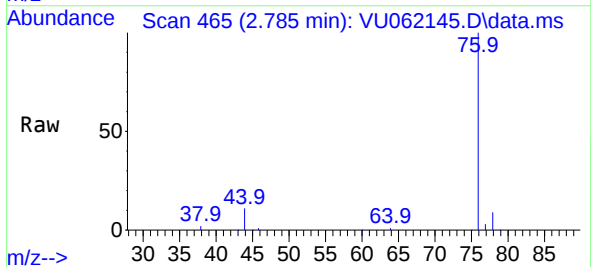
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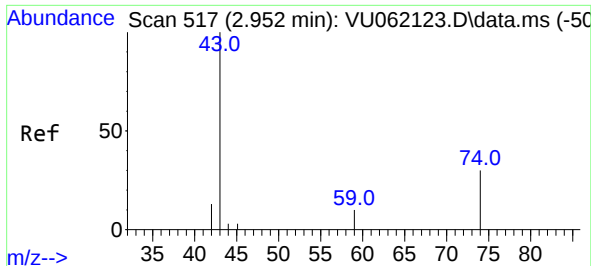
Tgt Ion: 43 Resp: 45601
Ion Ratio Lower Upper
43 100
58 34.9 0.0 64.0



#14
Carbon disulfide
Concen: 4.089 ug/L
RT: 2.785 min Scan# 465
Delta R.T. -0.000 min
Lab File: VU062145.D
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Tgt Ion: 76 Resp: 87625
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3

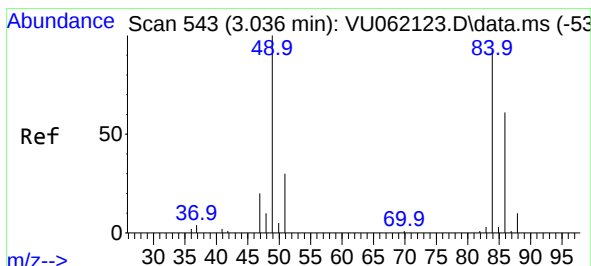
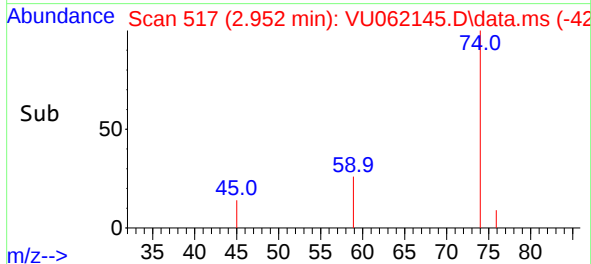
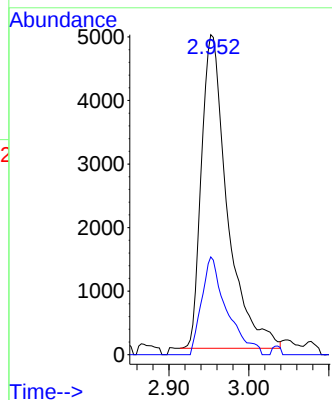
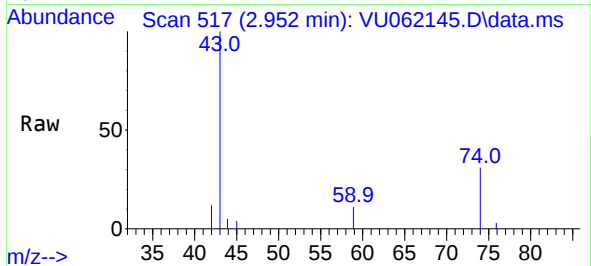




#15
Methyl Acetate
Concen: 4.055 ug/L
RT: 2.952 min Scan# 517
Delta R.T. -0.003 min
Lab File: VU062145.D
Acq: 06 Dec 2024 19:45

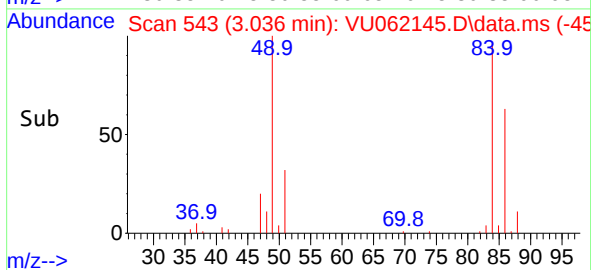
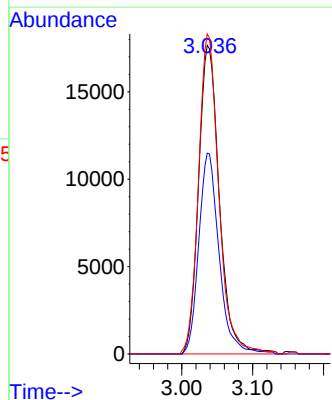
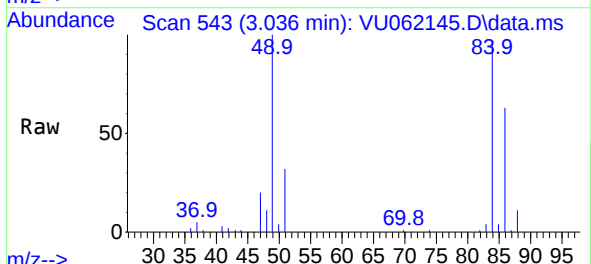
Instrument :
MSVOA_U
ClientSampleId :

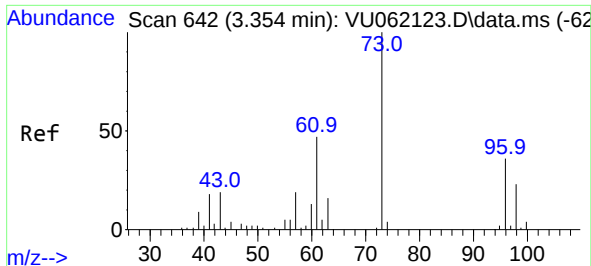
Tgt Ion: 43 Resp: 11123
Ion Ratio Lower Upper
43 100
74 30.1 19.4 29.2#



#16
Methylene chloride
Concen: 4.445 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.003 min
Lab File: VU062145.D
Acq: 06 Dec 2024 19:45

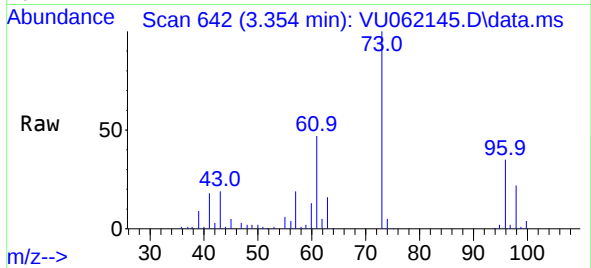
Tgt Ion: 84 Resp: 35954
Ion Ratio Lower Upper
84 100
86 65.1 43.5 80.7
49 103.7 81.9 152.1



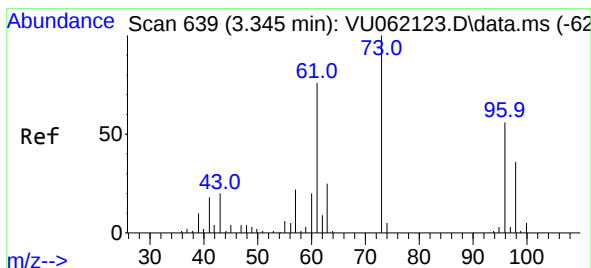
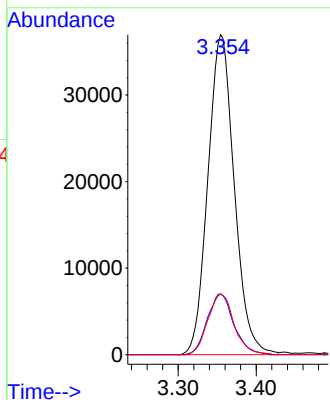
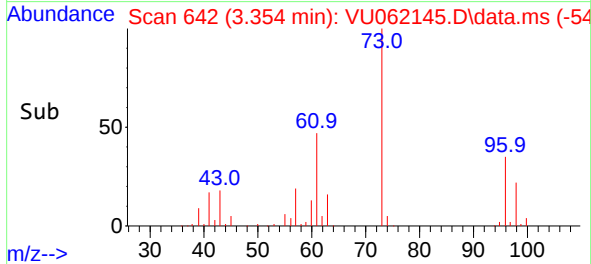


#17
Methyl tert-butyl Ether
Concen: 5.033 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU062145.D
Acq: 06 Dec 2024 19:45

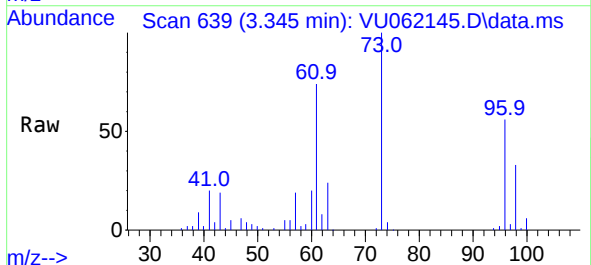
Instrument :
MSVOA_U
ClientSampleId :



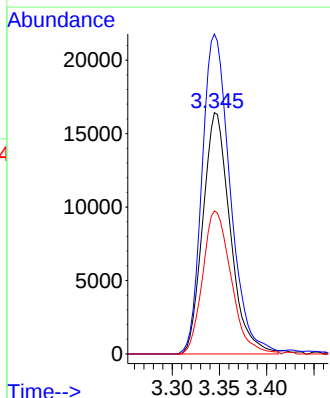
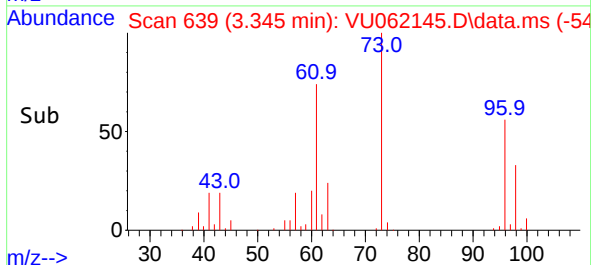
Tgt Ion: 73 Resp: 86893
Ion Ratio Lower Upper
73 100
43 19.0 16.3 24.5
57 18.9 17.1 25.7

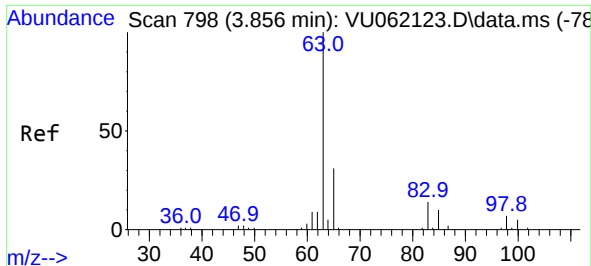


#18
trans-1,2-Dichloroethene
Concen: 4.642 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.000 min
Lab File: VU062145.D
Acq: 06 Dec 2024 19:45



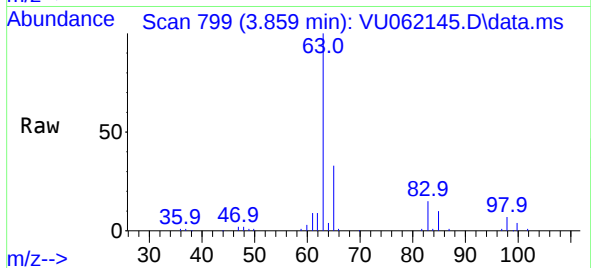
Tgt Ion: 96 Resp: 33059
Ion Ratio Lower Upper
96 100
61 132.6 104.2 193.4
98 59.3 45.7 84.9



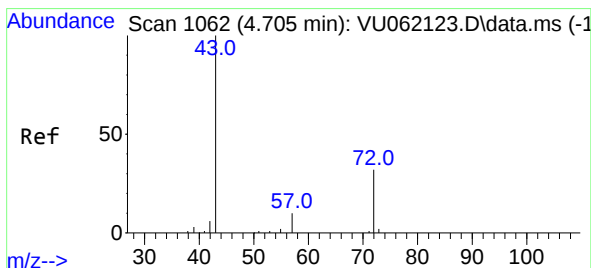
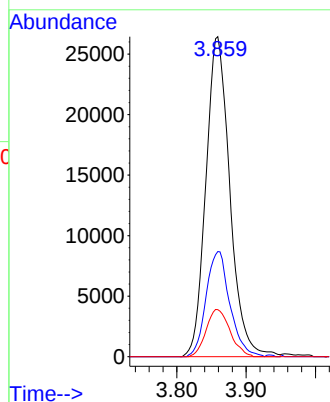
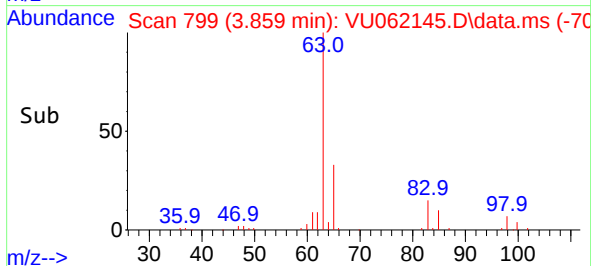


#19
1,1-Dichloroethane
Concen: 4.579 ug/L
RT: 3.859 min Scan# 798
Delta R.T. -0.000 min
Lab File: VU062145.D
Acq: 06 Dec 2024 19:45

Instrument :
MSVOA_U
ClientSampleId :

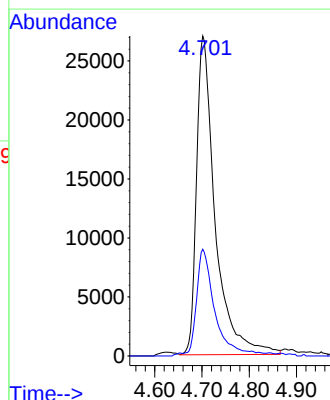
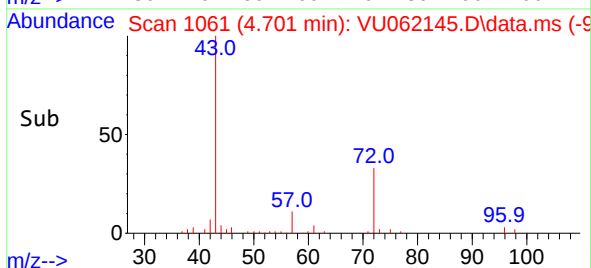
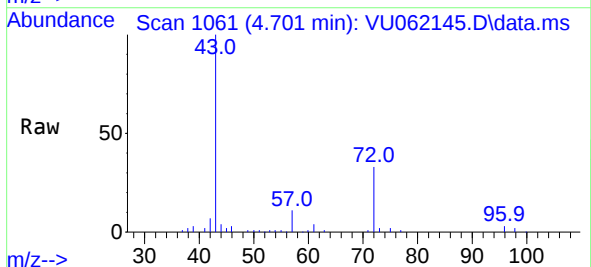


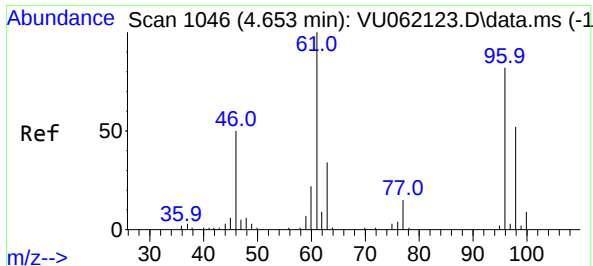
Tgt Ion: 63 Resp: 63521
Ion Ratio Lower Upper
63 100
65 32.8 22.7 42.3
83 14.7 9.9 18.3



#21
2-Butanone
Concen: 42.760 ug/L
RT: 4.701 min Scan# 1061
Delta R.T. -0.007 min
Lab File: VU062145.D
Acq: 06 Dec 2024 19:45

Tgt Ion: 43 Resp: 73831
Ion Ratio Lower Upper
43 100
72 29.6 14.8 44.4

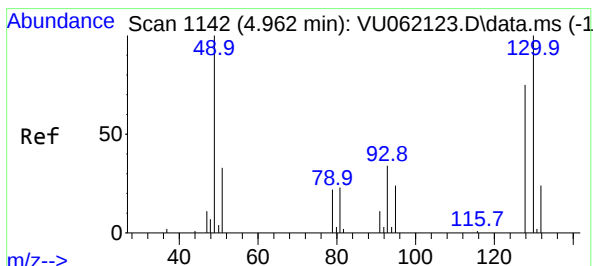
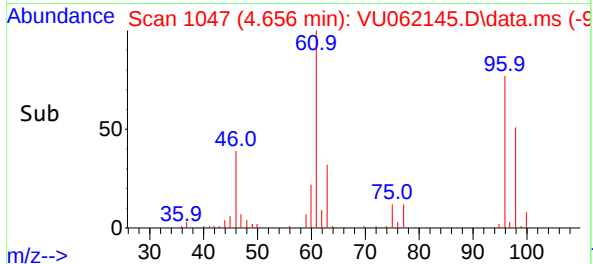
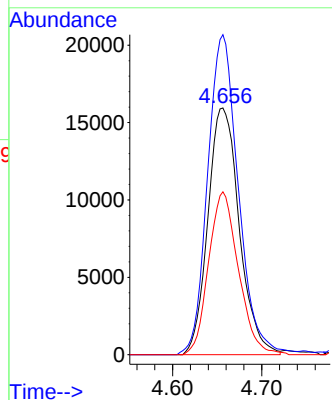
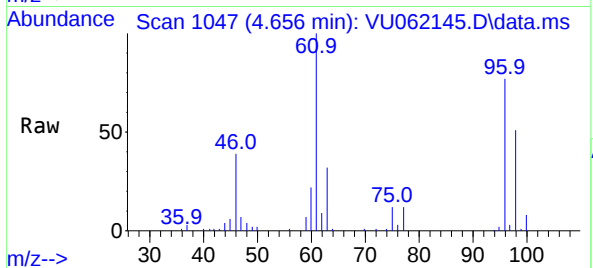




#22
cis-1,2-Dichloroethene
Concen: 4.871 ug/L
RT: 4.656 min Scan# 1046
Delta R.T. -0.000 min
Lab File: VU062145.D
Acq: 06 Dec 2024 19:45

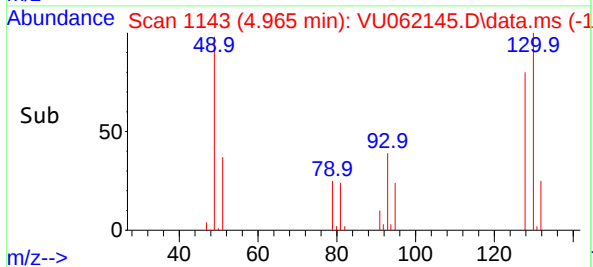
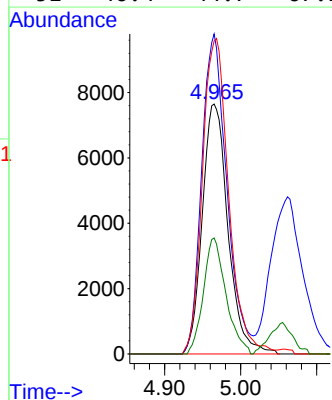
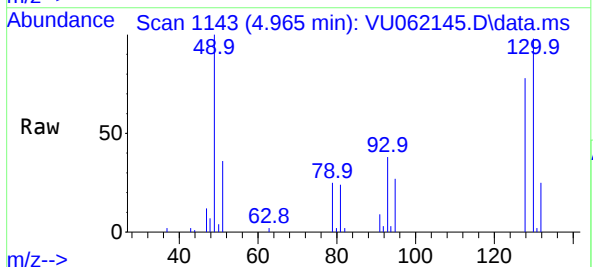
Instrument :
MSVOA_U
ClientSampleId :

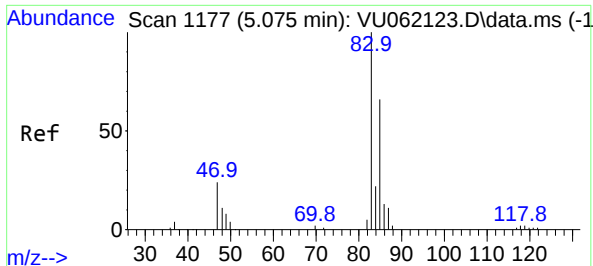
Tgt Ion: 96 Resp: 39038
Ion Ratio Lower Upper
96 100
61 129.7 92.0 170.8
98 66.0 44.5 82.7



#23
Bromochloromethane
Concen: 5.152 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. -0.003 min
Lab File: VU062145.D
Acq: 06 Dec 2024 19:45

Tgt Ion: 128 Resp: 17950
Ion Ratio Lower Upper
128 100
49 128.0 115.3 214.1
130 125.2 92.0 170.8
51 46.4 44.7 67.1





#25

Chloroform

Concen: 5.038 ug/L

RT: 5.078 min Scan# 1177

Delta R.T. -0.000 min

Lab File: VU062145.D

Acq: 06 Dec 2024 19:45

Instrument :

MSVOA_U

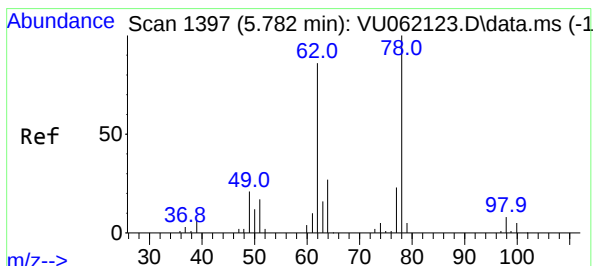
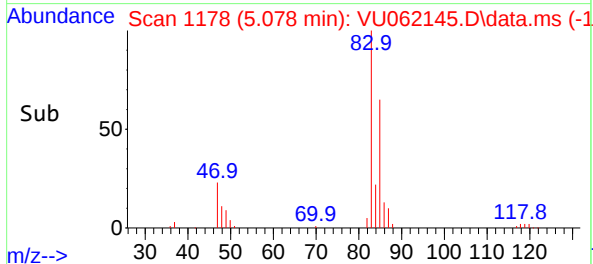
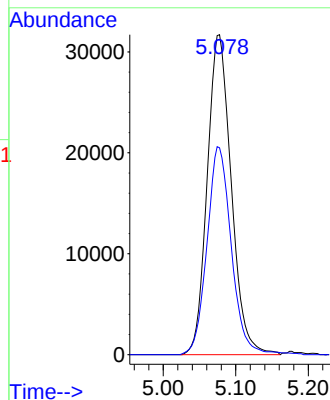
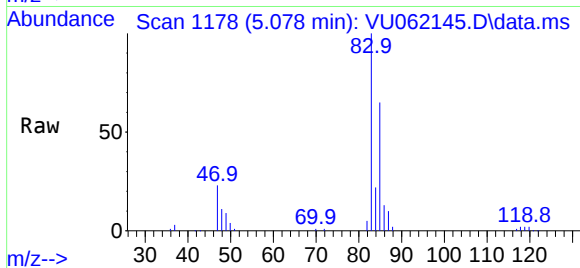
ClientSampleId :

Tgt Ion: 83 Resp: 73061

Ion Ratio Lower Upper

83 100

85 64.6 45.4 84.2



#27

1,2-Dichloroethane

Concen: 4.852 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VU062145.D

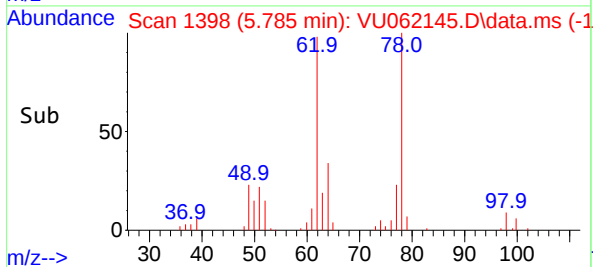
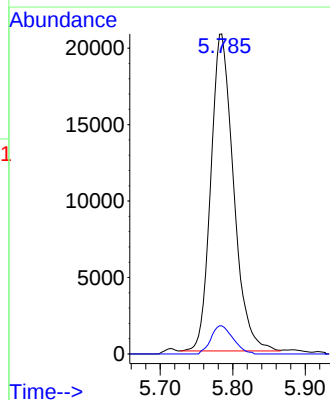
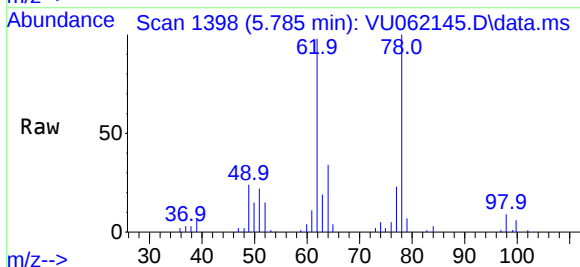
Acq: 06 Dec 2024 19:45

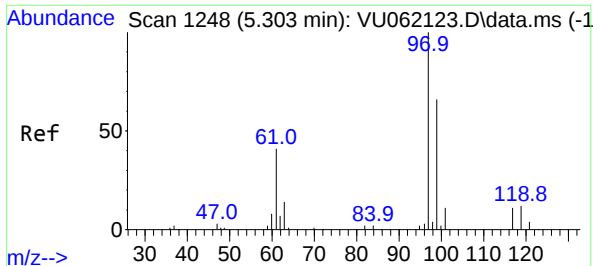
Tgt Ion: 62 Resp: 45261

Ion Ratio Lower Upper

62 100

98 8.8 7.4 11.0



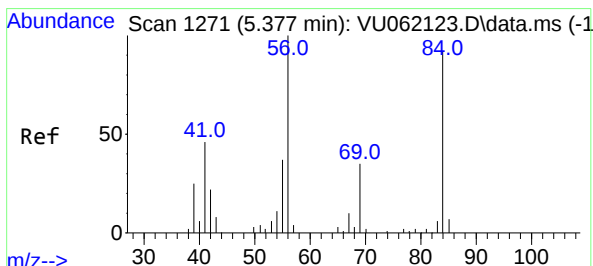
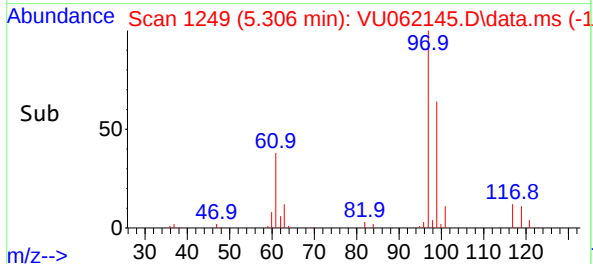
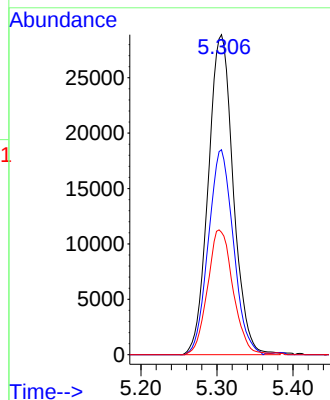
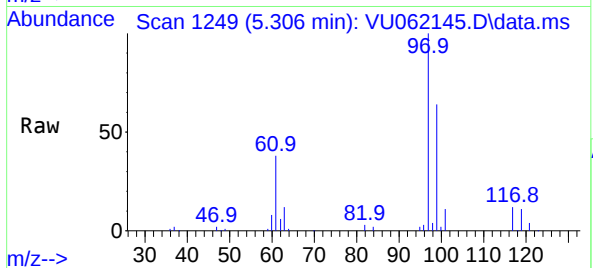


#29
1,1,1-Trichloroethane
Concen: 6.064 ug/L
RT: 5.306 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VU062145.D
Acq: 06 Dec 2024 19:45

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 65916

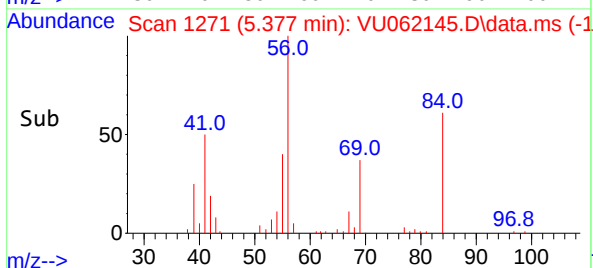
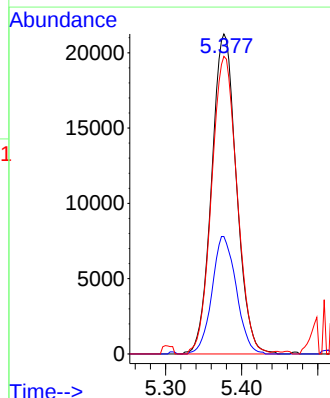
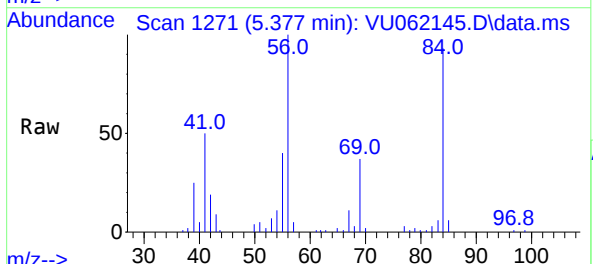
Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.4	77.2
61	39.7	37.8	56.6

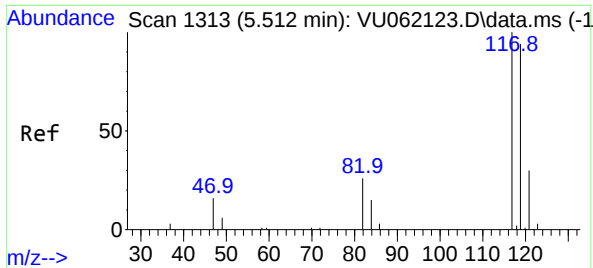


#30
Cyclohexane
Concen: 4.228 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. -0.000 min
Lab File: VU062145.D
Acq: 06 Dec 2024 19:45

Tgt Ion: 56 Resp: 48071

Ion	Ratio	Lower	Upper
56	100		
69	35.9	25.1	37.7
84	95.5	70.6	105.8

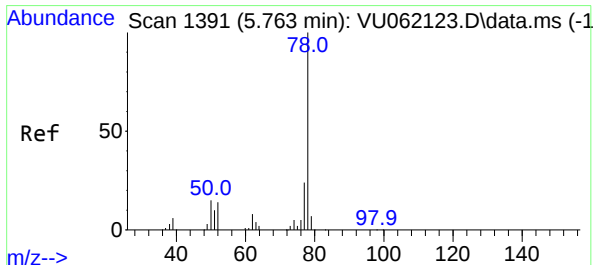
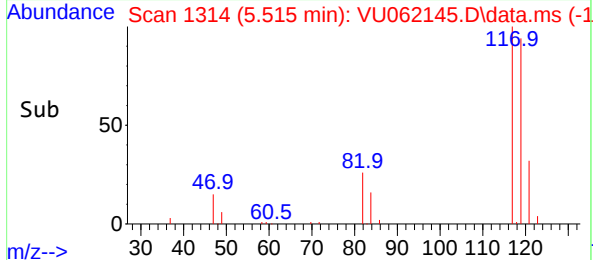
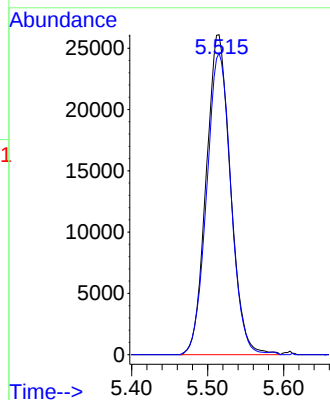
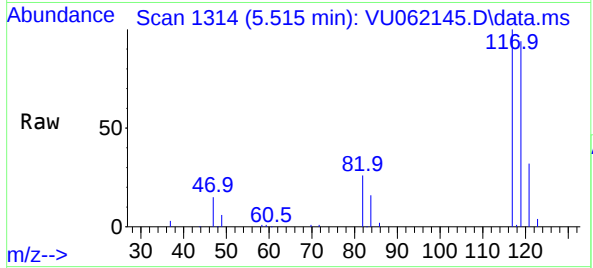




#31
Carbon tetrachloride
Concen: 6.274 ug/L
RT: 5.515 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU062145.D
Acq: 06 Dec 2024 19:45

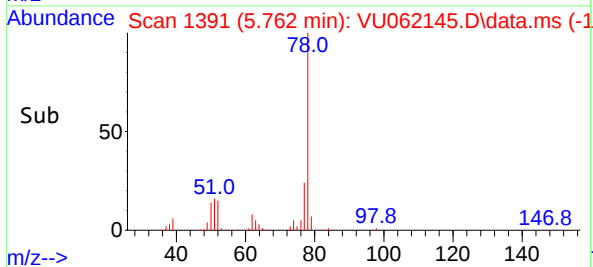
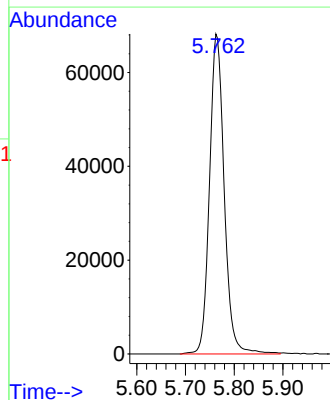
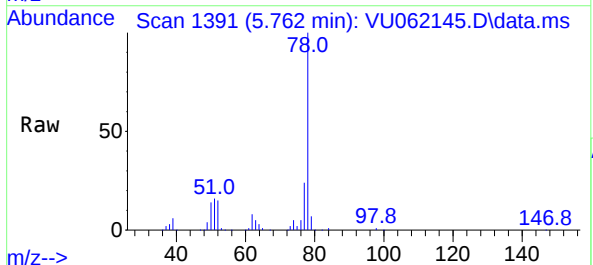
Instrument :
MSVOA_U
ClientSampleId :

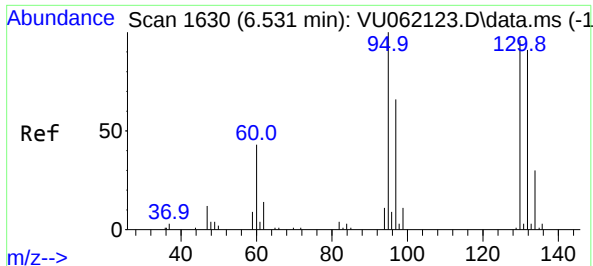
Tgt Ion:117 Resp: 57916
Ion Ratio Lower Upper
117 100
119 94.2 77.5 116.3



#33
Benzene
Concen: 5.021 ug/L
RT: 5.762 min Scan# 1391
Delta R.T. -0.003 min
Lab File: VU062145.D
Acq: 06 Dec 2024 19:45

Tgt Ion: 78 Resp: 143005





#34

Trichloroethene

Concen: 5.162 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU062145.D

Acq: 06 Dec 2024 19:45

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 39241

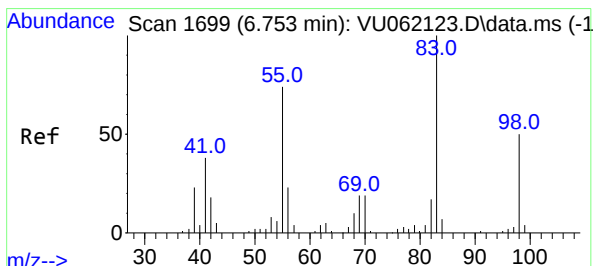
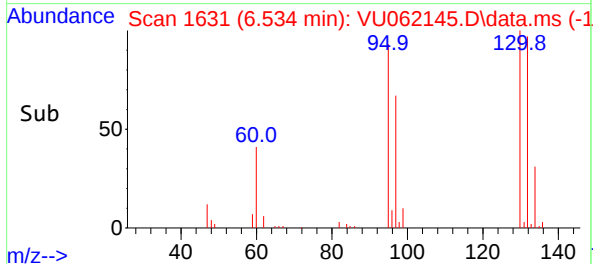
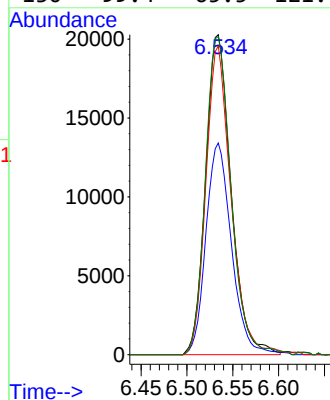
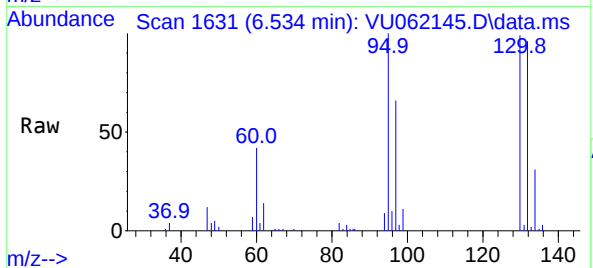
Ion Ratio Lower Upper

95 100

97 66.2 45.9 85.3

132 96.4 63.8 118.4

130 99.4 65.5 121.7



#35

Methylcyclohexane

Concen: 4.634 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. -0.000 min

Lab File: VU062145.D

Acq: 06 Dec 2024 19:45

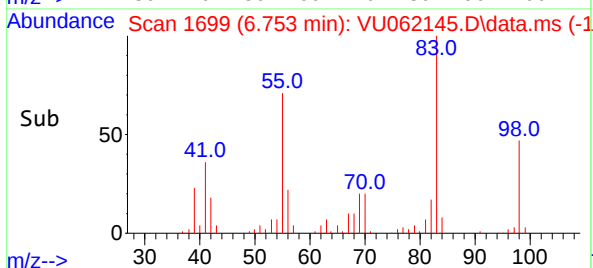
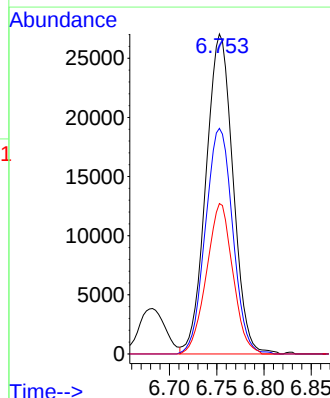
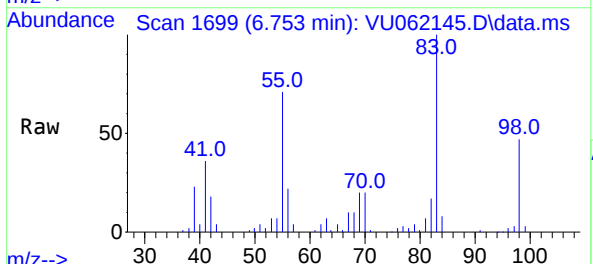
Tgt Ion: 83 Resp: 53883

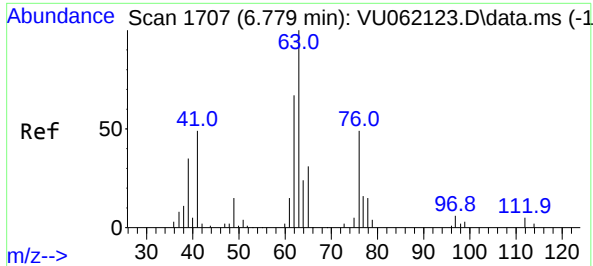
Ion Ratio Lower Upper

83 100

55 71.2 60.7 91.1

98 45.7 34.8 52.2

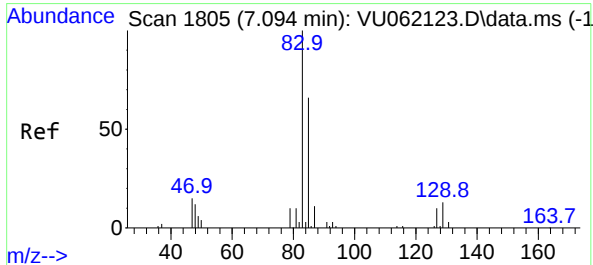
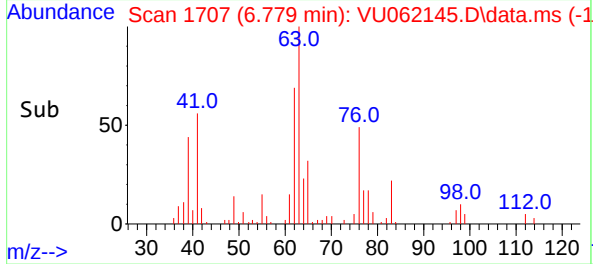
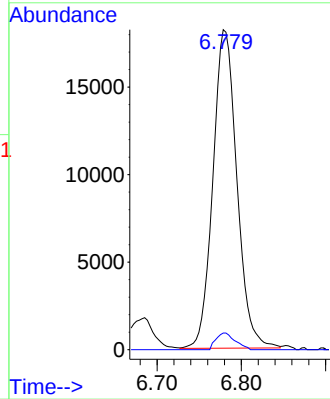
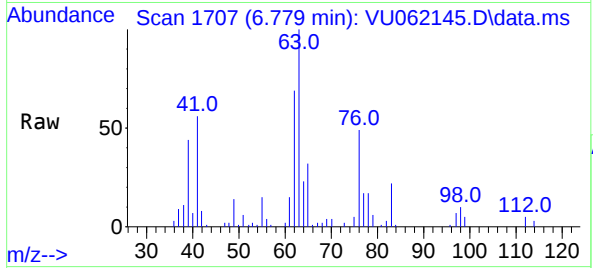




#37
1,2-Dichloropropane
Concen: 4.854 ug/L
RT: 6.779 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU062145.D
Acq: 06 Dec 2024 19:45

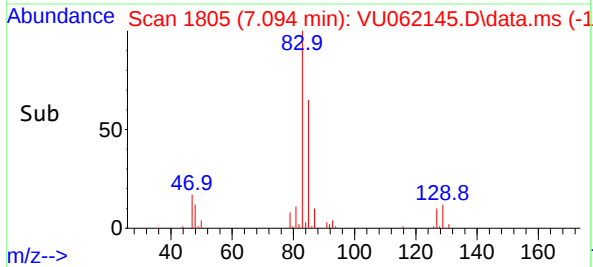
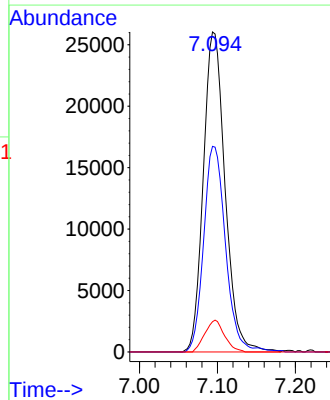
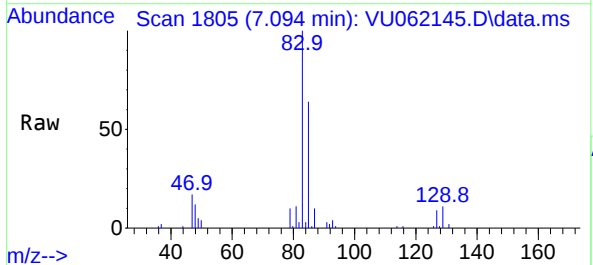
Instrument :
MSVOA_U
ClientSampleId :

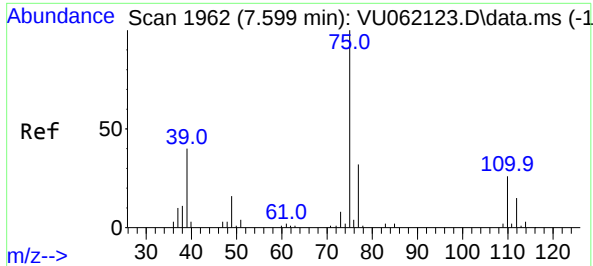
Tgt Ion: 63 Resp: 35918
Ion Ratio Lower Upper
63 100
112 4.2 3.4 5.0



#38
Bromodichloromethane
Concen: 5.630 ug/L
RT: 7.094 min Scan# 1805
Delta R.T. -0.003 min
Lab File: VU062145.D
Acq: 06 Dec 2024 19:45

Tgt Ion: 83 Resp: 50525
Ion Ratio Lower Upper
83 100
85 64.3 44.1 81.9
127 9.5 6.9 10.3

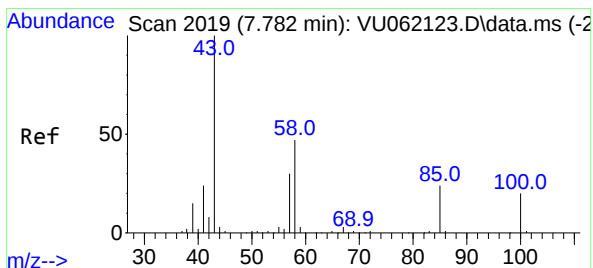
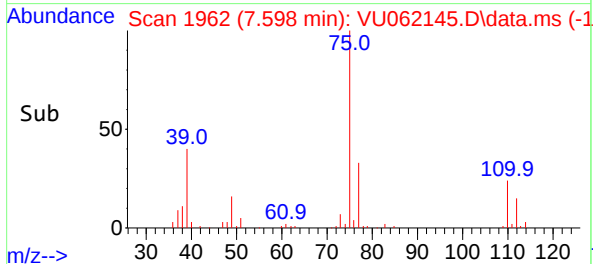
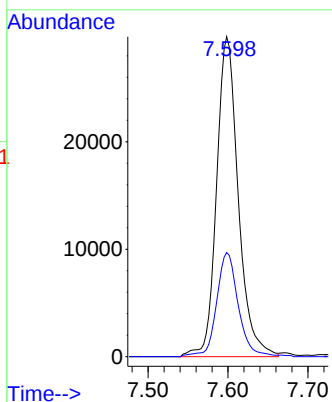
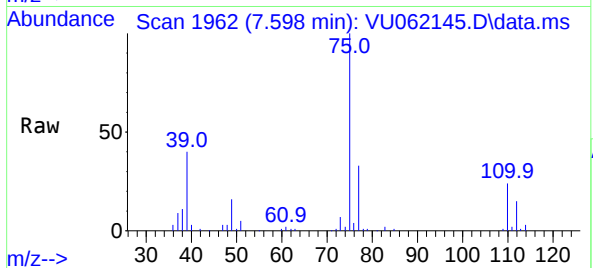




#39
cis-1,3-Dichloropropene
Concen: 5.404 ug/L
RT: 7.598 min Scan# 1962
Delta R.T. -0.000 min
Lab File: VU062145.D
Acq: 06 Dec 2024 19:45

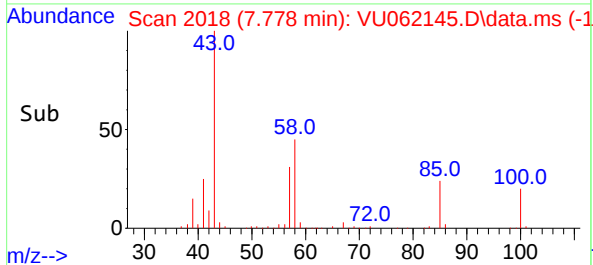
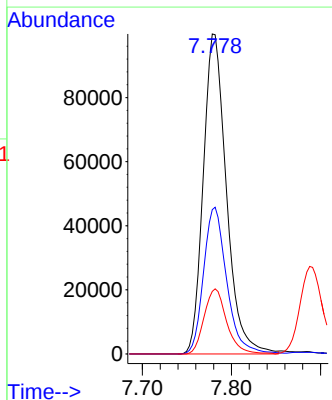
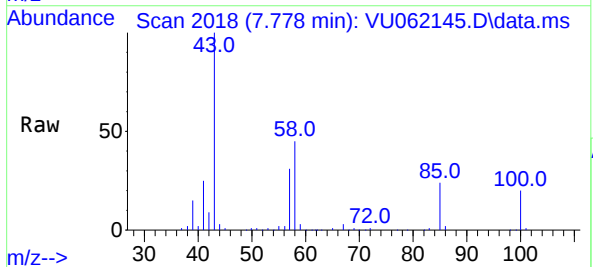
Instrument :
MSVOA_U
ClientSampleId :

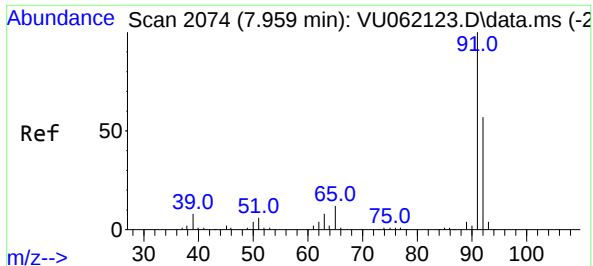
Tgt Ion: 75 Resp: 56069
Ion Ratio Lower Upper
75 100
77 32.5 22.3 41.3



#40
4-Methyl-2-pentanone
Concen: 45.192 ug/L
RT: 7.778 min Scan# 2018
Delta R.T. -0.003 min
Lab File: VU062145.D
Acq: 06 Dec 2024 19:45

Tgt Ion: 43 Resp: 180434
Ion Ratio Lower Upper
43 100
58 45.9 33.3 49.9
100 19.8 12.4 18.6#





#42

Toluene

Concen: 5.121 ug/L

RT: 7.959 min Scan# 2074

Delta R.T. -0.003 min

Lab File: VU062145.D

Acq: 06 Dec 2024 19:45

Instrument :

MSVOA_U

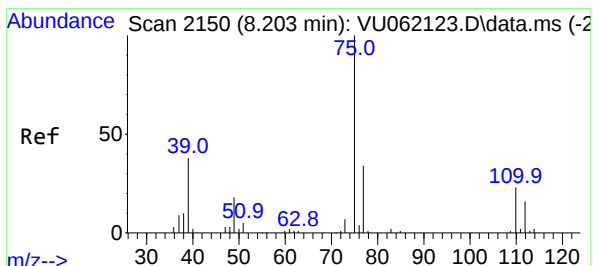
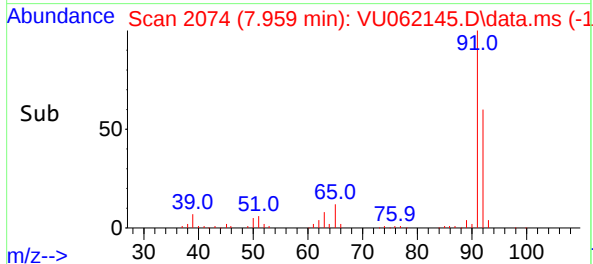
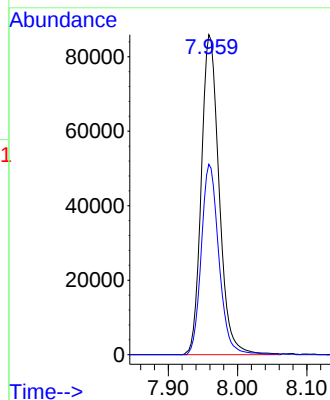
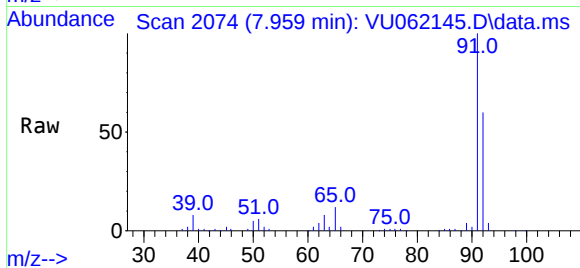
ClientSampleId :

Tgt Ion: 91 Resp: 153068

Ion Ratio Lower Upper

91 100

92 59.5 39.0 72.4



#44

trans-1,3-Dichloropropene

Concen: 5.563 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU062145.D

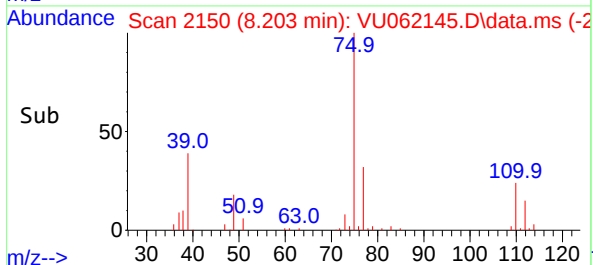
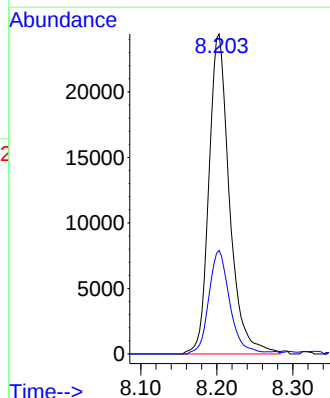
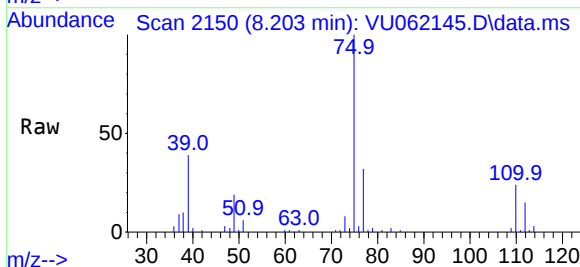
Acq: 06 Dec 2024 19:45

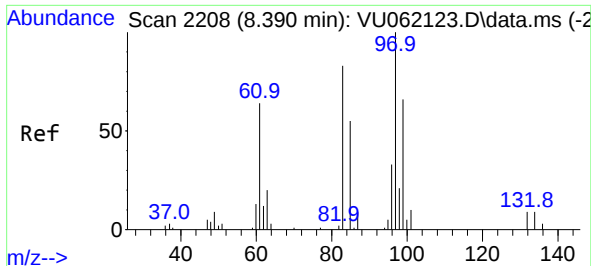
Tgt Ion: 75 Resp: 45840

Ion Ratio Lower Upper

75 100

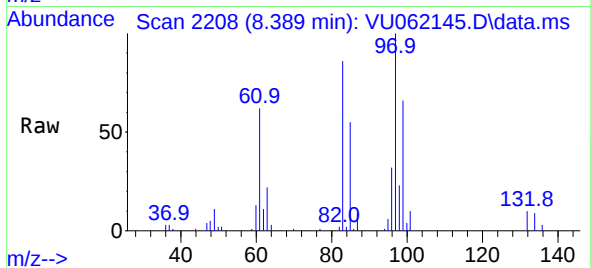
77 32.4 21.8 40.4





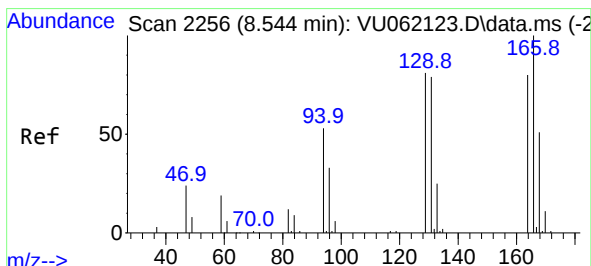
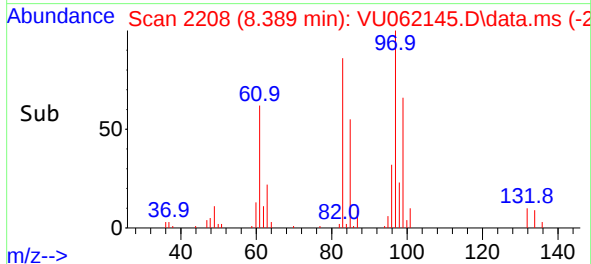
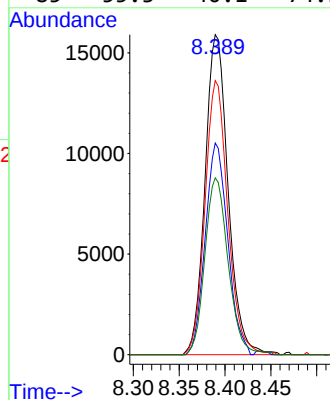
#45
1,1,2-Trichloroethane
Concen: 5.112 ug/L
RT: 8.389 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU062145.D
Acq: 06 Dec 2024 19:45

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 97 Resp: 27866

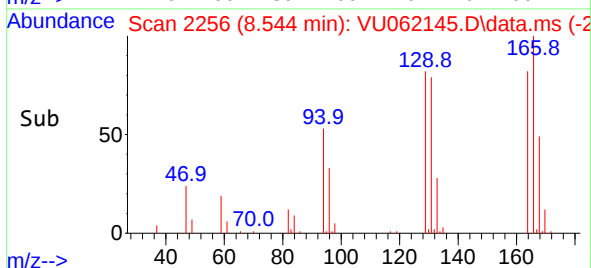
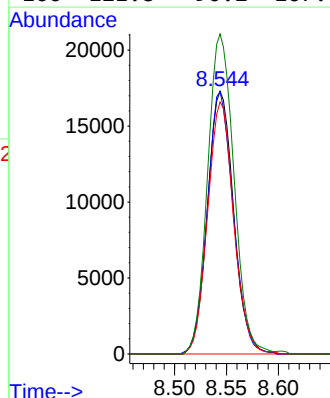
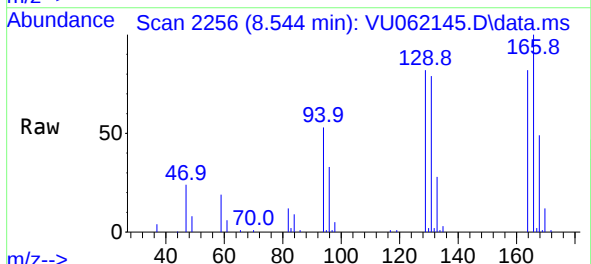
Ion	Ratio	Lower	Upper
97	100		
99	66.1	43.0	79.8
83	85.7	61.7	114.5
85	55.3	40.1	74.5

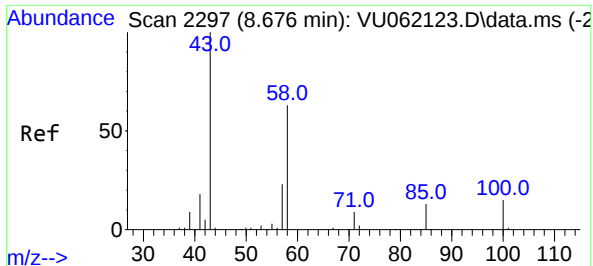


#47
Tetrachloroethene
Concen: 5.477 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU062145.D
Acq: 06 Dec 2024 19:45

Tgt Ion: 164 Resp: 30279

Ion	Ratio	Lower	Upper
164	100		
129	99.8	73.2	136.0
131	95.9	72.3	134.3
166	121.8	90.2	167.4

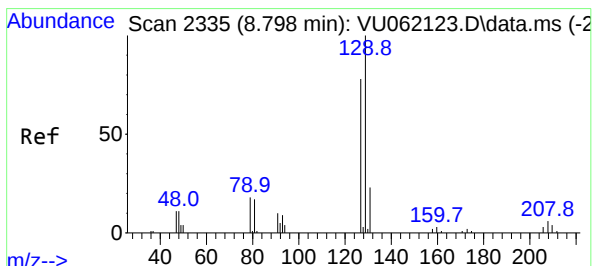
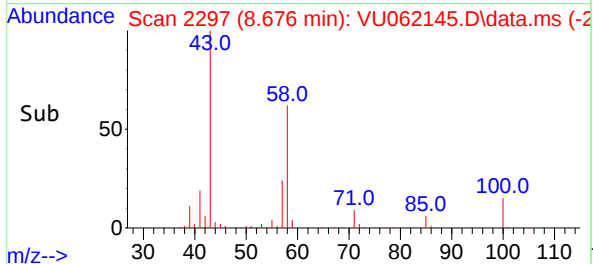
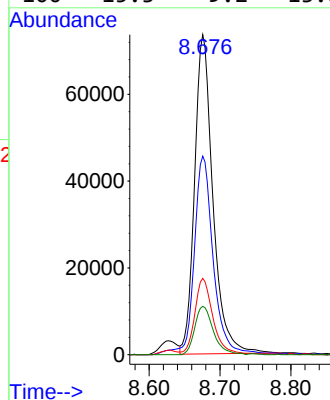
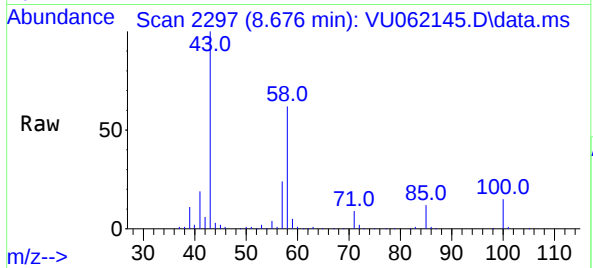




#48
2-Hexanone
Concen: 44.334 ug/L
RT: 8.676 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VU062145.D
Acq: 06 Dec 2024 19:45

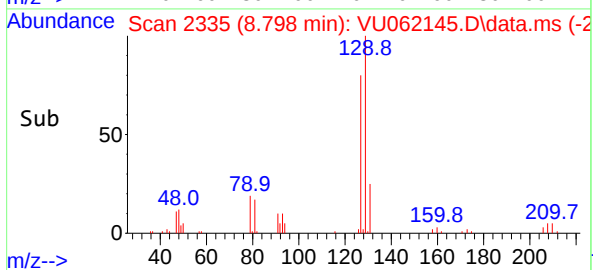
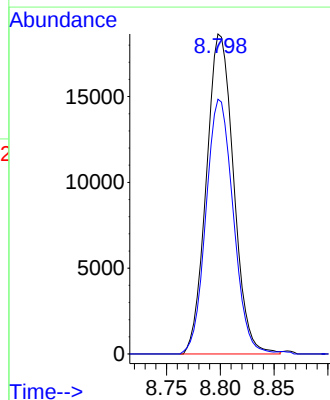
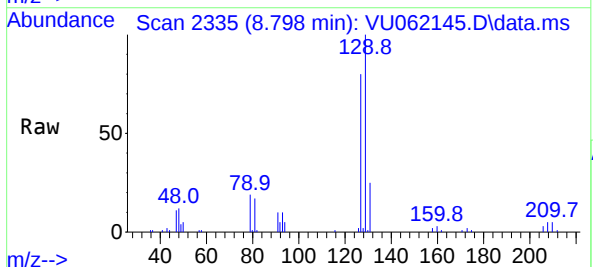
Instrument :
MSVOA_U
ClientSampleId :

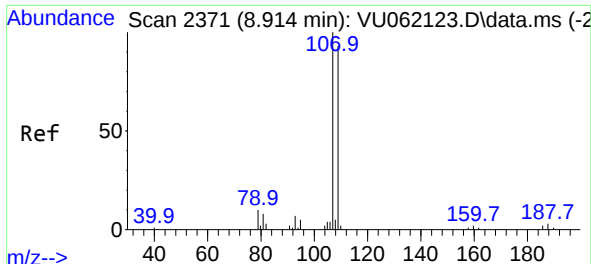
Tgt Ion: 43 Resp: 132562
Ion Ratio Lower Upper
43 100
58 64.5 47.5 71.3
57 23.6 15.6 23.4#
100 15.3 9.2 13.8#



#49
Dibromochloromethane
Concen: 5.707 ug/L
RT: 8.798 min Scan# 2335
Delta R.T. -0.003 min
Lab File: VU062145.D
Acq: 06 Dec 2024 19:45

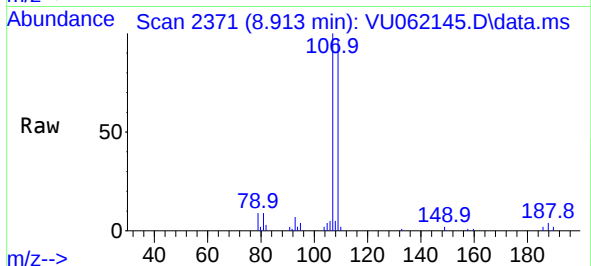
Tgt Ion: 129 Resp: 32864
Ion Ratio Lower Upper
129 100
127 79.6 51.1 94.9



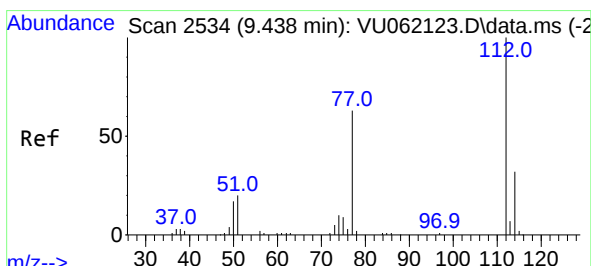
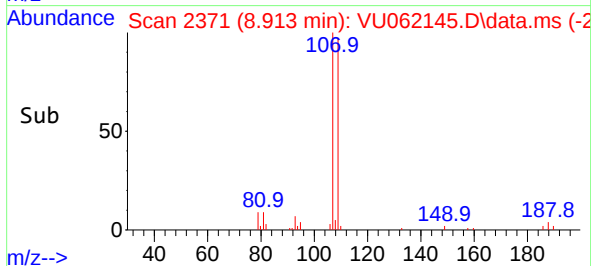
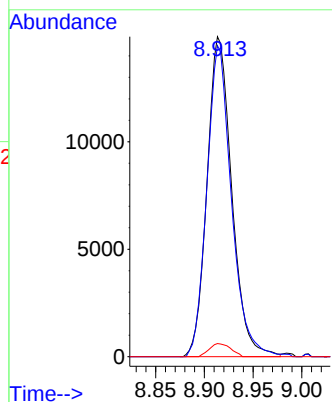


#50
1,2-Dibromoethane
Concen: 4.854 ug/L
RT: 8.913 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU062145.D
Acq: 06 Dec 2024 19:45

Instrument :
MSVOA_U
ClientSampleId :

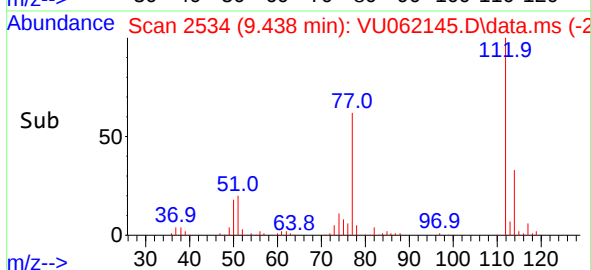
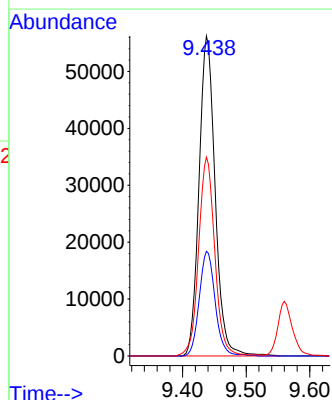
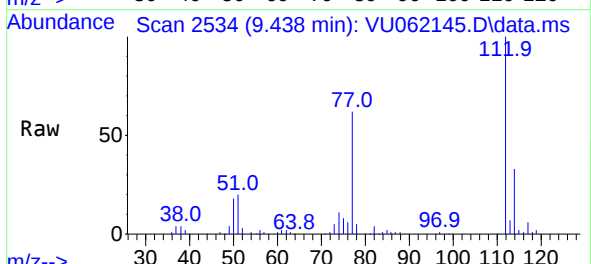


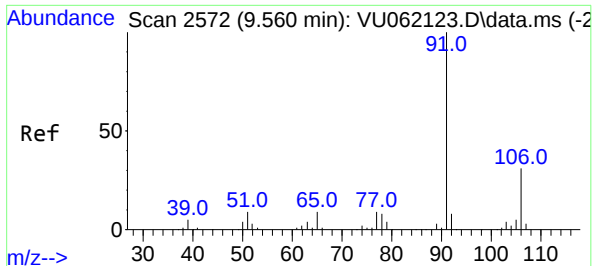
Tgt Ion:107 Resp: 26261
Ion Ratio Lower Upper
107 100
109 97.2 66.8 124.2
188 4.1 2.3 3.5#



#51
Chlorobenzene
Concen: 4.834 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. -0.000 min
Lab File: VU062145.D
Acq: 06 Dec 2024 19:45

Tgt Ion:112 Resp: 98960
Ion Ratio Lower Upper
112 100
114 32.7 23.0 42.6
77 62.1 50.5 75.7

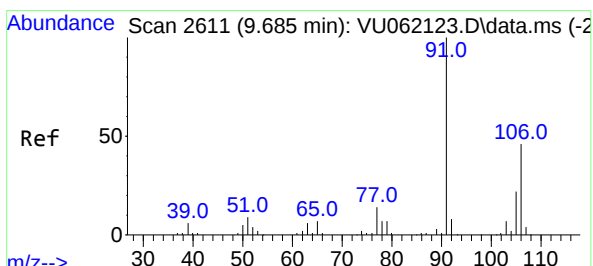
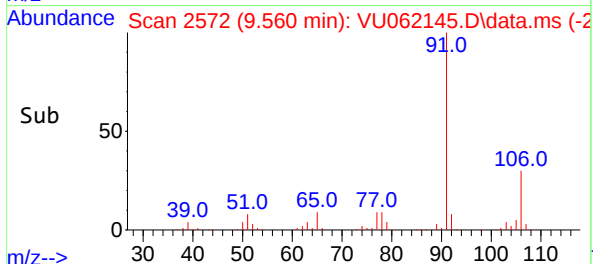
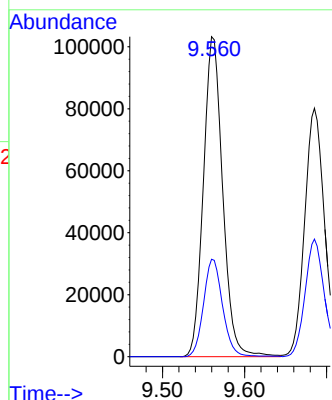
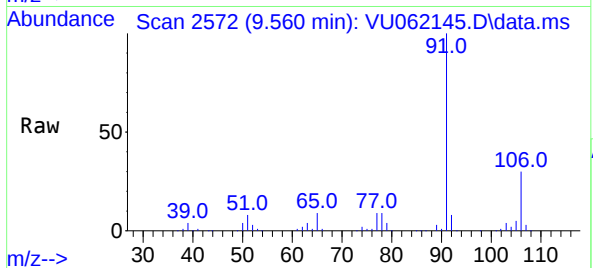




#52
Ethylbenzene
Concen: 4.708 ug/L
RT: 9.560 min Scan# 2572
Delta R.T. -0.003 min
Lab File: VU062145.D
Acq: 06 Dec 2024 19:45

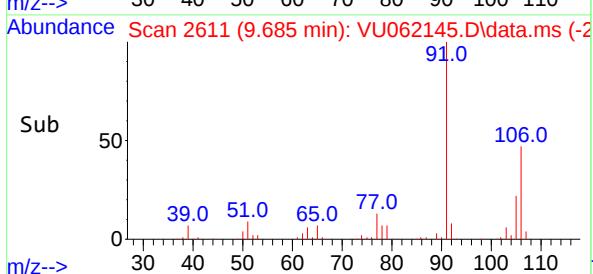
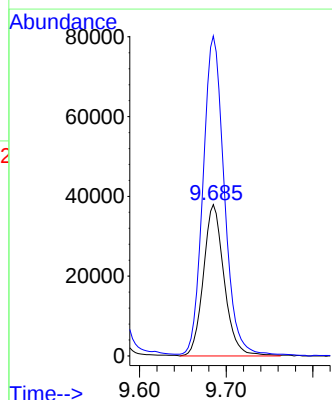
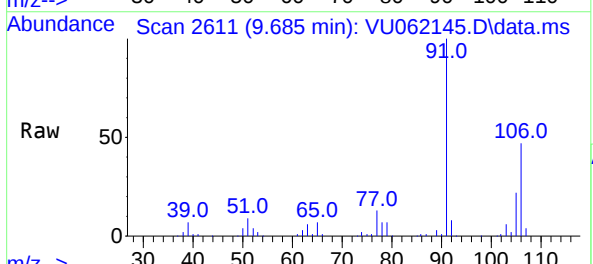
Instrument :
MSVOA_U
ClientSampleId :

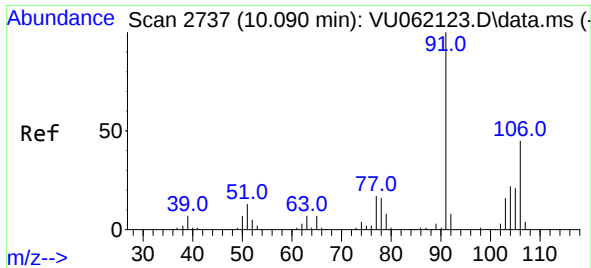
Tgt Ion: 91 Resp: 168410
Ion Ratio Lower Upper
91 100
106 30.5 21.6 40.0



#53
m,p-Xylene
Concen: 5.003 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU062145.D
Acq: 06 Dec 2024 19:45

Tgt Ion:106 Resp: 63142
Ion Ratio Lower Upper
106 100
91 211.4 147.6 274.0

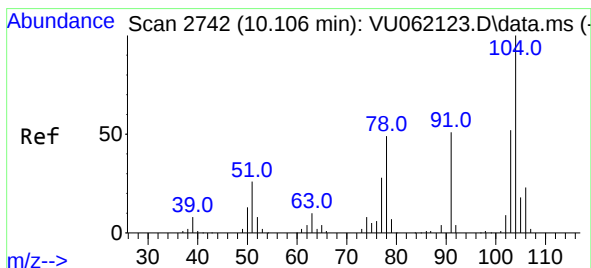
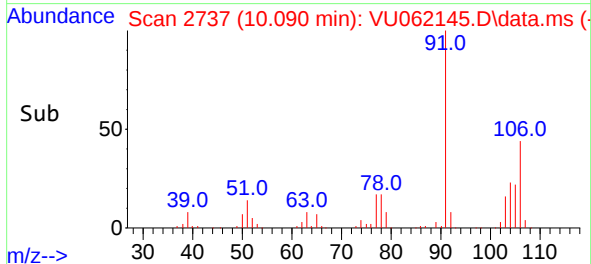
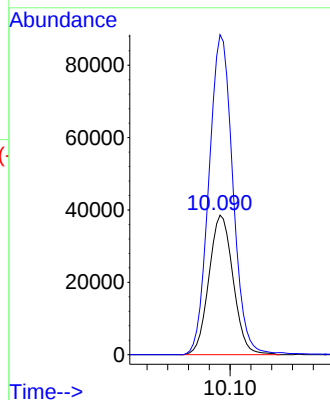
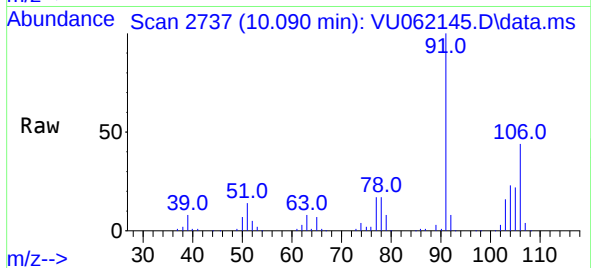




#54
o-Xylene
Concen: 4.890 ug/L
RT: 10.090 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU062145.D
Acq: 06 Dec 2024 19:45

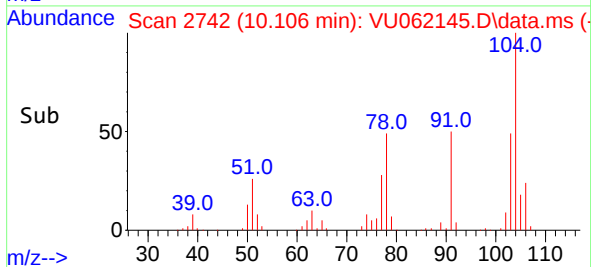
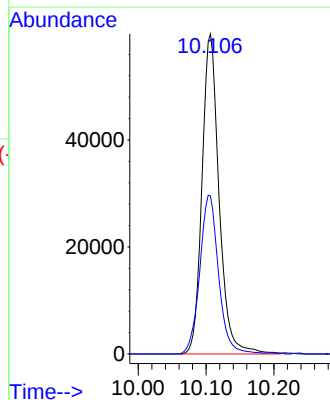
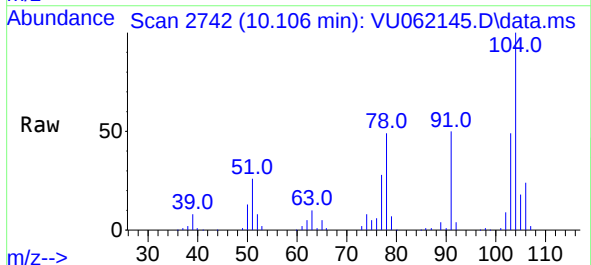
Instrument :
MSVOA_U
ClientSampleId :

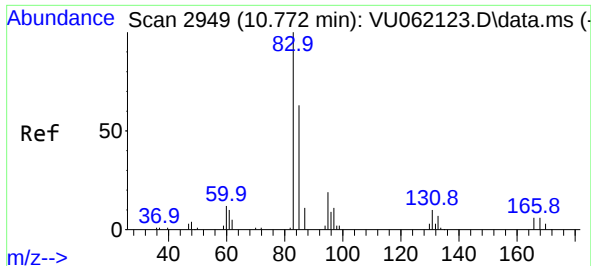
Tgt Ion:106 Resp: 62297
Ion Ratio Lower Upper
106 100
91 229.3 159.8 296.8



#55
Styrene
Concen: 4.987 ug/L
RT: 10.106 min Scan# 2742
Delta R.T. -0.000 min
Lab File: VU062145.D
Acq: 06 Dec 2024 19:45

Tgt Ion:104 Resp: 104674
Ion Ratio Lower Upper
104 100
78 49.4 33.2 61.7

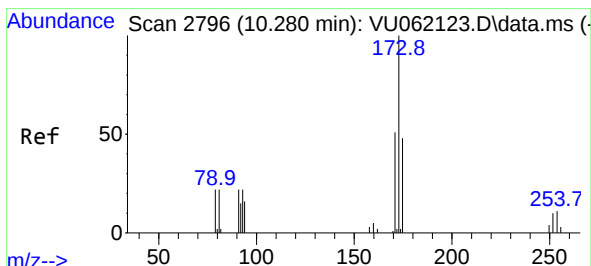
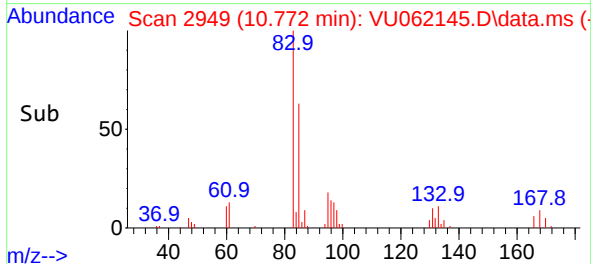
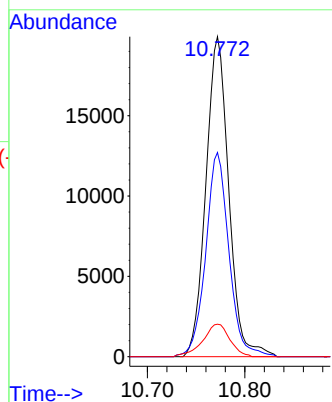
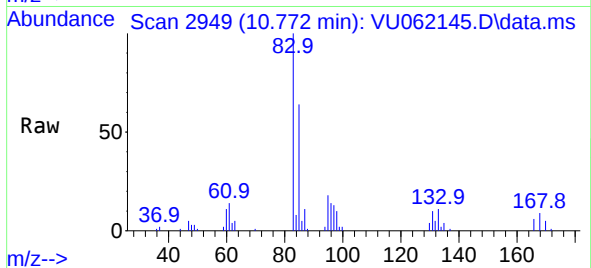




#57
1,1,2,2-Tetrachloroethane
Concen: 4.654 ug/L
RT: 10.772 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU062145.D
Acq: 06 Dec 2024 19:45

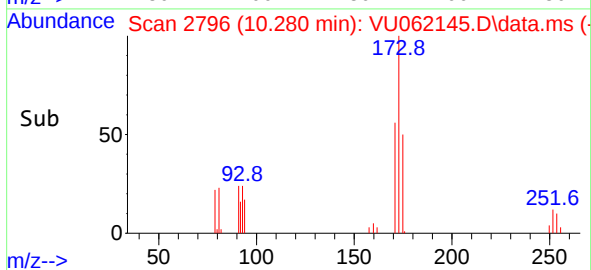
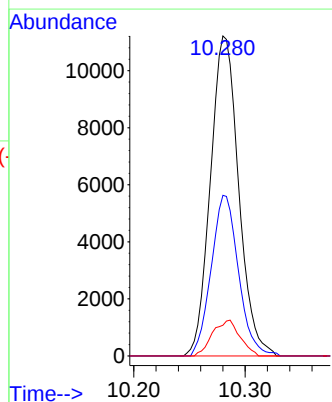
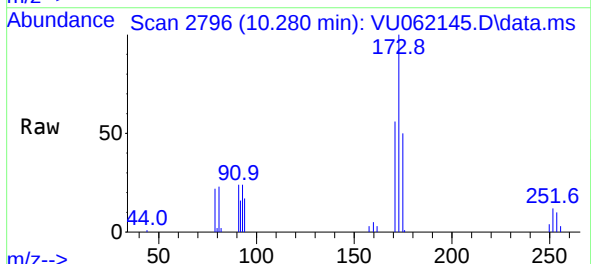
Instrument :
MSVOA_U
ClientSampleId :

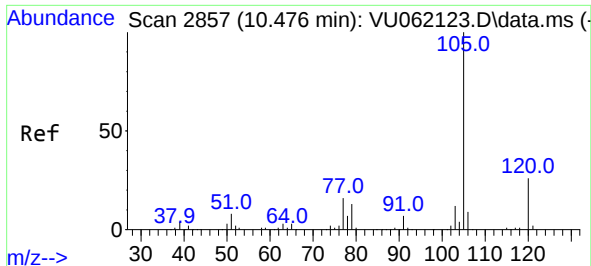
Tgt Ion:	83	Resp:	32511
Ion	Ratio	Lower	Upper
83	100		
85	63.8	44.4	82.4
131	10.2	7.3	10.9



#59
Bromoform
Concen: 5.552 ug/L
RT: 10.280 min Scan# 2796
Delta R.T. -0.003 min
Lab File: VU062145.D
Acq: 06 Dec 2024 19:45

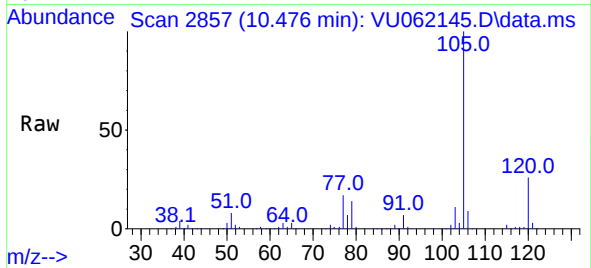
Tgt Ion:	173	Resp:	19756
Ion	Ratio	Lower	Upper
173	100		
175	48.5	39.0	58.4
254	10.9	7.4	11.0



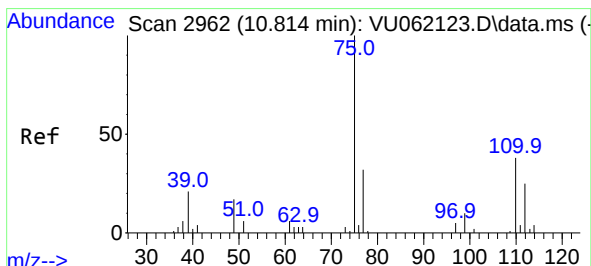
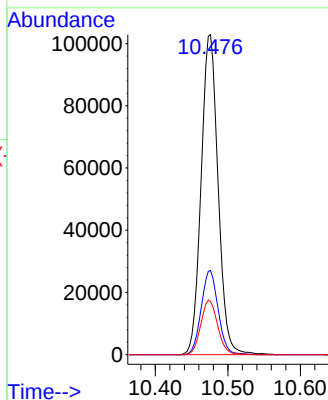
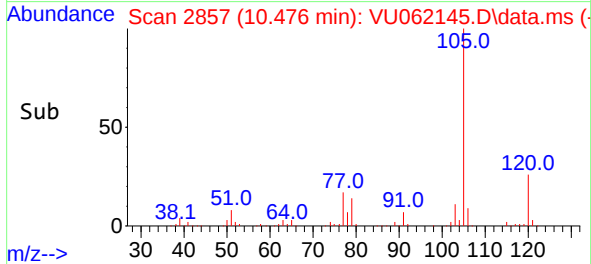


#60
Isopropylbenzene
Concen: 4.480 ug/L
RT: 10.476 min Scan# 2857
Delta R.T. -0.000 min
Lab File: VU062145.D
Acq: 06 Dec 2024 19:45

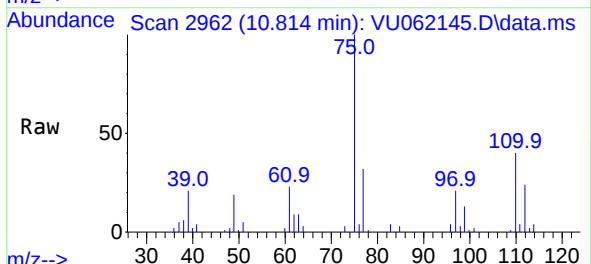
Instrument :
MSVOA_U
ClientSampleId :



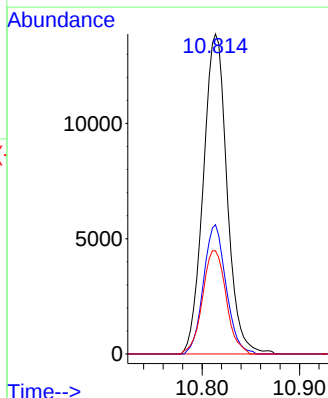
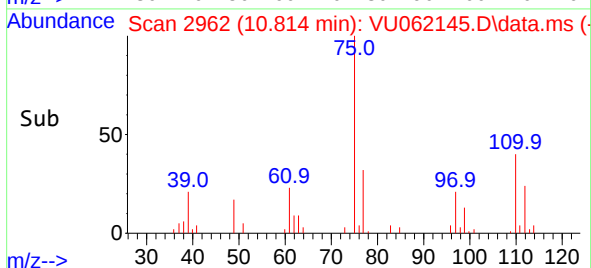
Tgt Ion:105 Resp: 167204
Ion Ratio Lower Upper
105 100
120 26.3 20.6 31.0
77 16.9 13.0 19.6

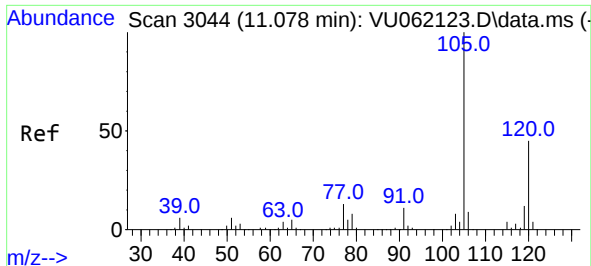


#61
1,2,3-Trichloropropane
Concen: 4.246 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. -0.000 min
Lab File: VU062145.D
Acq: 06 Dec 2024 19:45



Tgt Ion: 75 Resp: 23495
Ion Ratio Lower Upper
75 100
110 38.4 28.9 43.3
77 32.2 26.5 39.7

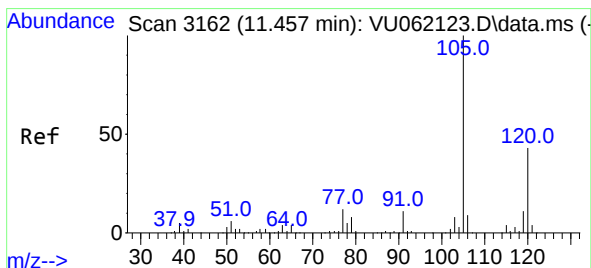
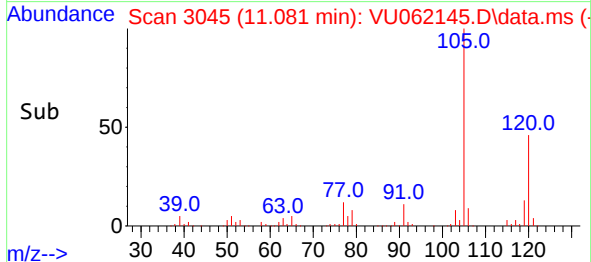
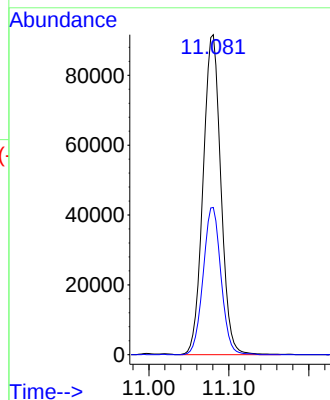
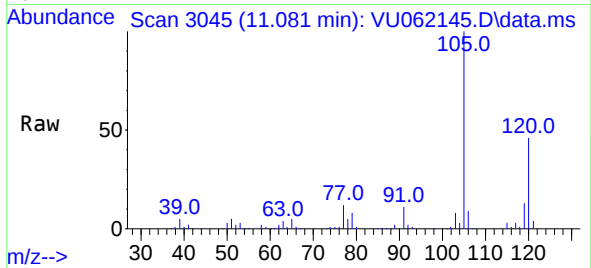




#62
1,3,5-Trimethylbenzene
Concen: 4.769 ug/L
RT: 11.081 min Scan# 3044
Delta R.T. -0.000 min
Lab File: VU062145.D
Acq: 06 Dec 2024 19:45

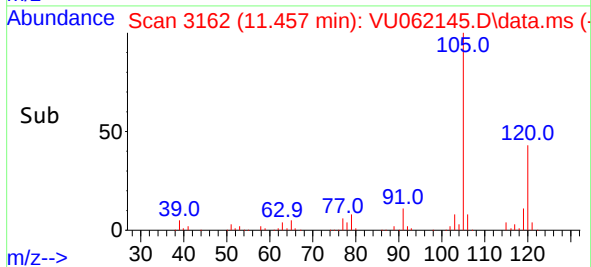
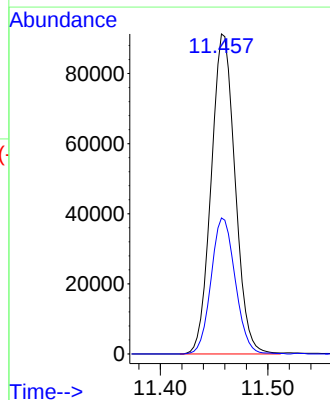
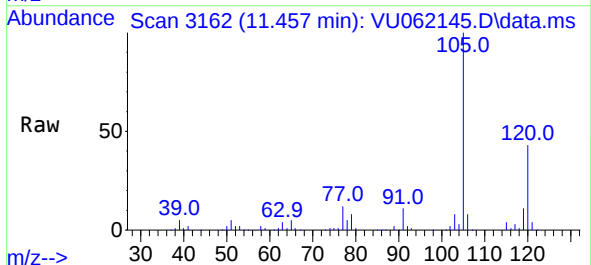
Instrument :
MSVOA_U
ClientSampleId :

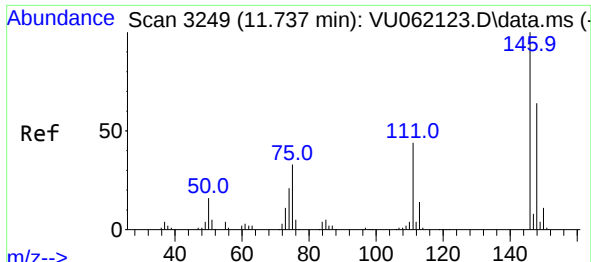
Tgt Ion:105 Resp: 141978
Ion Ratio Lower Upper
105 100
120 46.1 36.7 55.1



#63
1,2,4-Trimethylbenzene
Concen: 4.754 ug/L
RT: 11.457 min Scan# 3162
Delta R.T. -0.003 min
Lab File: VU062145.D
Acq: 06 Dec 2024 19:45

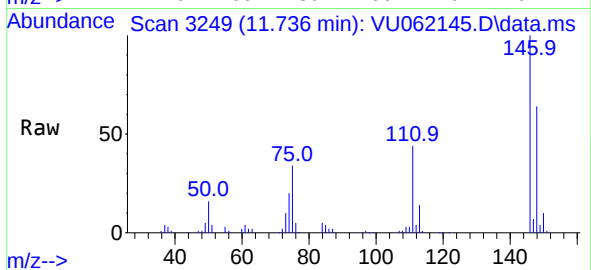
Tgt Ion:105 Resp: 141104
Ion Ratio Lower Upper
105 100
120 42.9 34.7 52.1



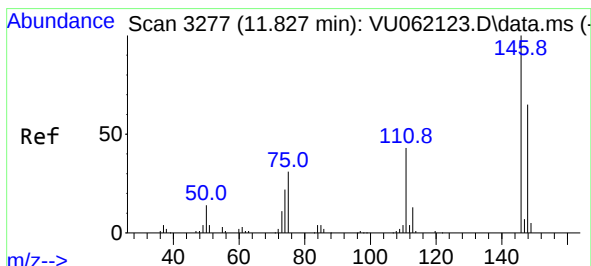
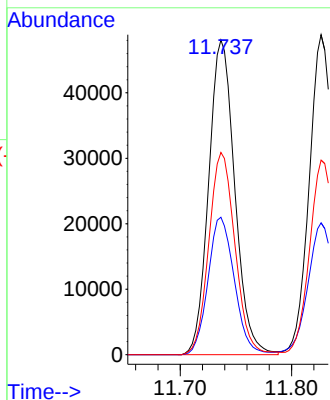
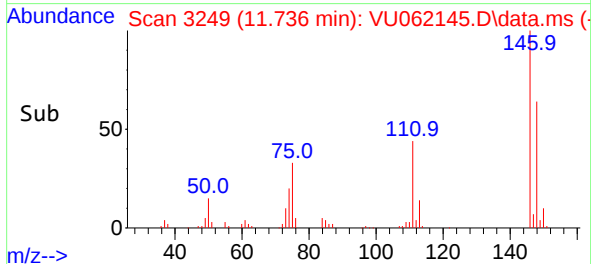


#64
1,3-Dichlorobenzene
Concen: 4.727 ug/L
RT: 11.736 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU062145.D
Acq: 06 Dec 2024 19:45

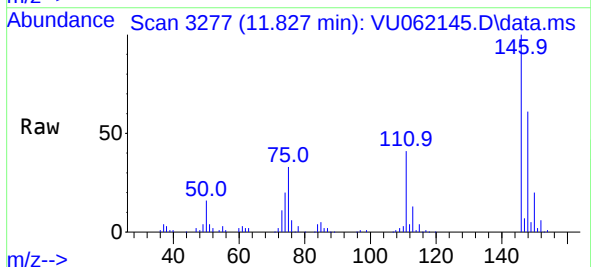
Instrument :
MSVOA_U
ClientSampleId :



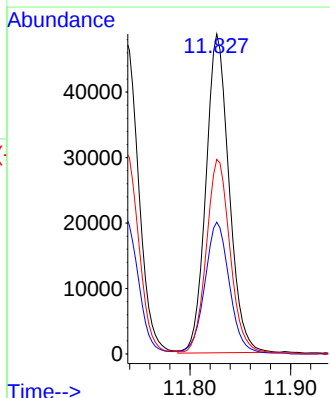
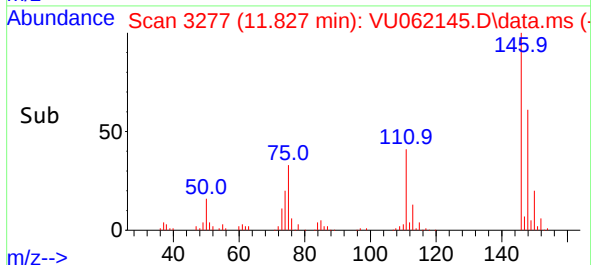
Tgt Ion:146 Resp: 78309
Ion Ratio Lower Upper
146 100
111 43.6 30.7 57.1
148 64.3 45.1 83.7

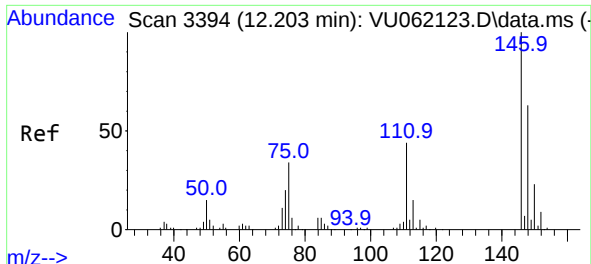


#65
1,4-Dichlorobenzene
Concen: 4.852 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. -0.003 min
Lab File: VU062145.D
Acq: 06 Dec 2024 19:45



Tgt Ion:146 Resp: 77808
Ion Ratio Lower Upper
146 100
111 41.2 29.3 54.3
148 60.8 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 5.164 ug/L

RT: 12.203 min Scan# 31

Delta R.T. -0.003 min

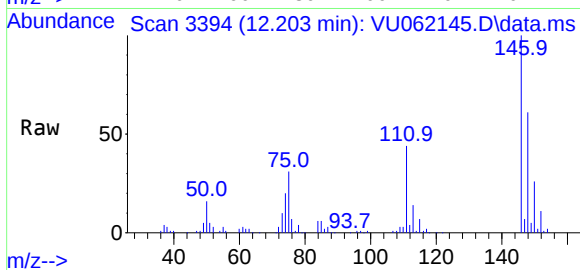
Lab File: VU062145.D

Acq: 06 Dec 2024 19:45

Instrument :

MSVOA_U

ClientSampleId :



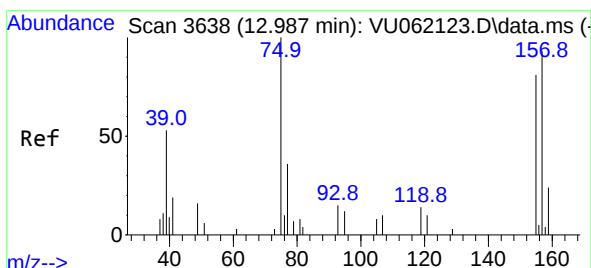
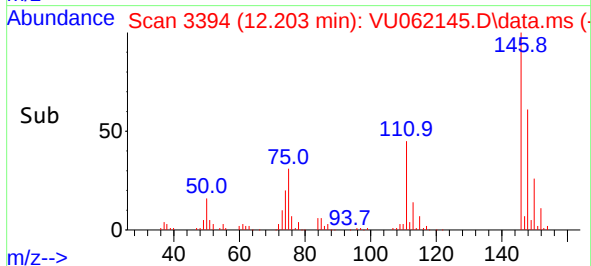
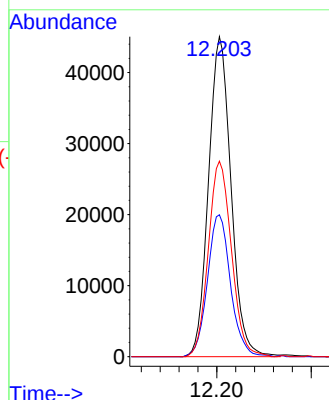
Tgt Ion:146 Resp: 74406

Ion Ratio Lower Upper

146 100

111 44.4 36.0 54.0

148 61.1 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.527 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.003 min

Lab File: VU062145.D

Acq: 06 Dec 2024 19:45

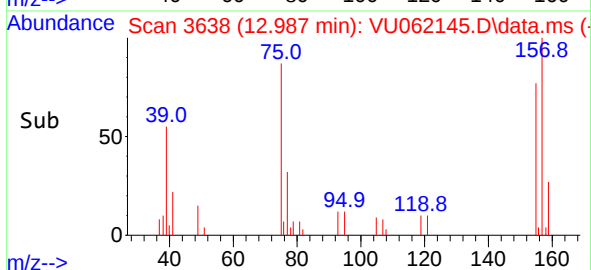
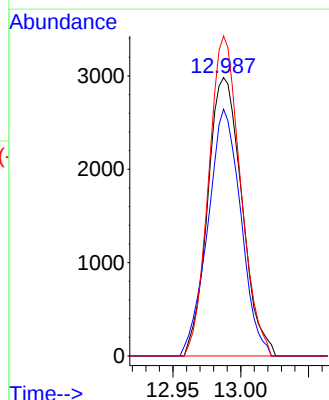
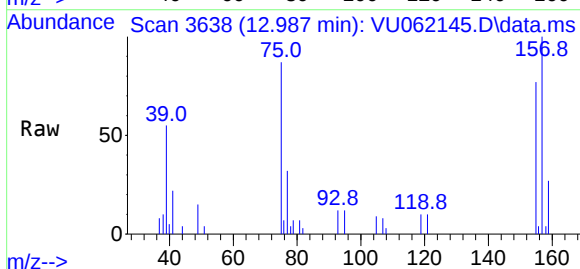
Tgt Ion: 75 Resp: 5219

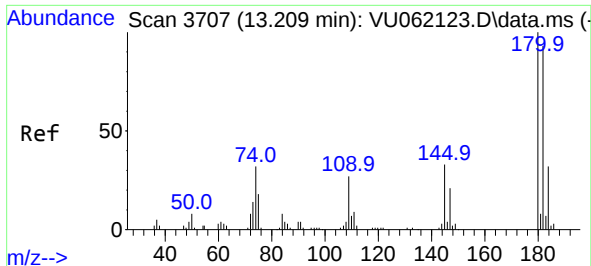
Ion Ratio Lower Upper

75 100

155 88.7 55.2 82.8#

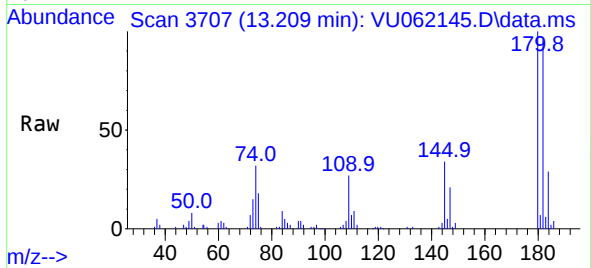
157 114.9 73.5 110.3#



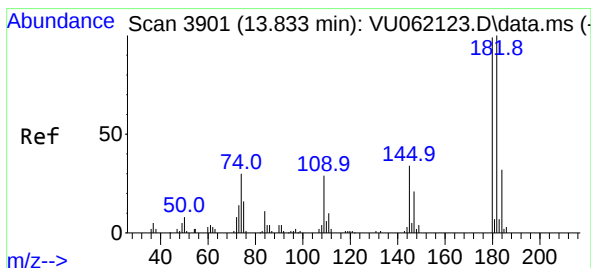
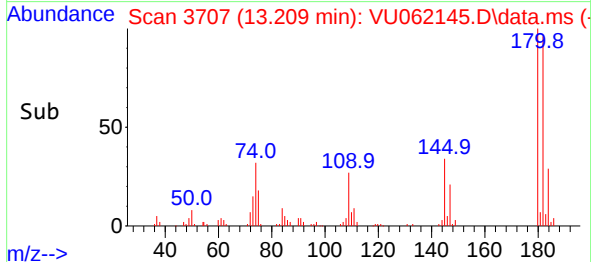
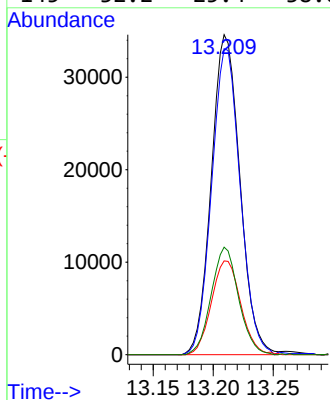


#69
1,3,5-Trichlorobenzene
Concen: 5.818 ug/L
RT: 13.209 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU062145.D
Acq: 06 Dec 2024 19:45

Instrument :
MSVOA_U
ClientSampleId :

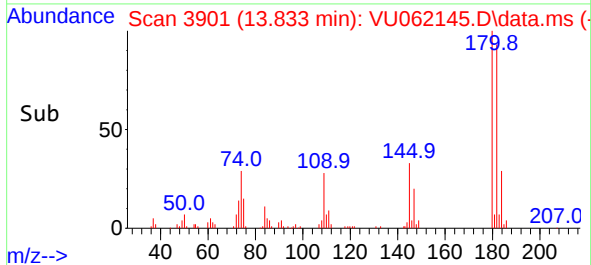
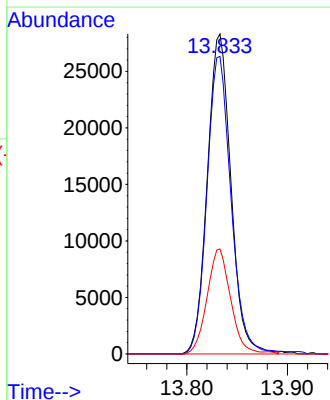
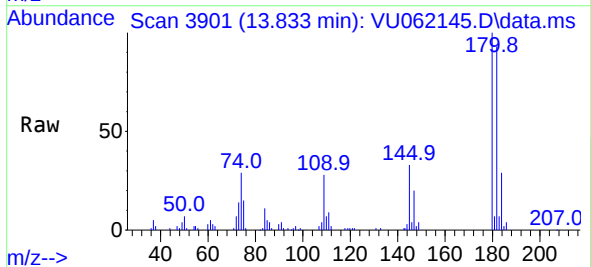


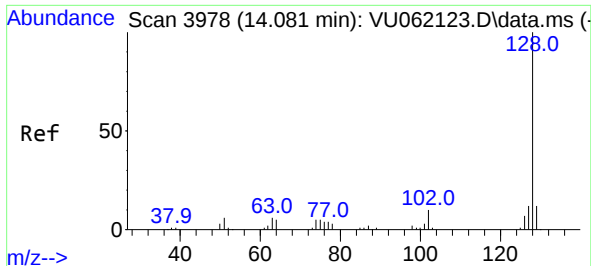
Tgt Ion:180 Resp: 57356
Ion Ratio Lower Upper
180 100
182 95.2 76.7 115.1
184 30.0 24.8 37.2
145 32.2 25.4 38.0



#70
1,2,4-trichlorobenzene
Concen: 6.112 ug/L
RT: 13.833 min Scan# 3901
Delta R.T. -0.000 min
Lab File: VU062145.D
Acq: 06 Dec 2024 19:45

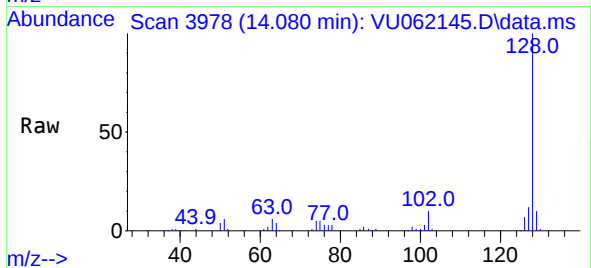
Tgt Ion:180 Resp: 46177
Ion Ratio Lower Upper
180 100
182 94.9 74.5 111.7
145 32.6 25.6 38.4



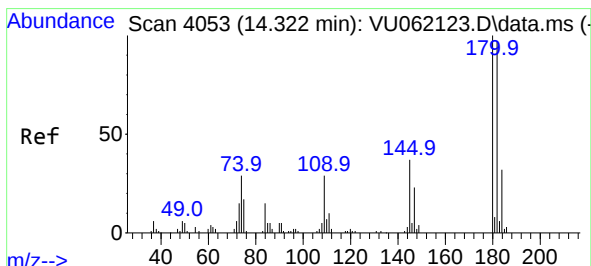
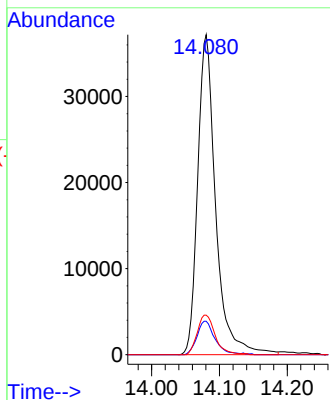
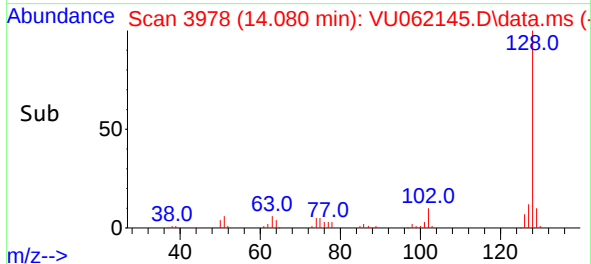


#71
Naphthalene
Concen: 5.616 ug/L
RT: 14.080 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU062145.D
Acq: 06 Dec 2024 19:45

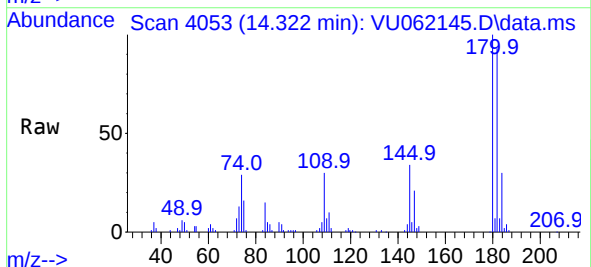
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 68387
Ion Ratio Lower Upper
128 100
129 10.4 8.5 12.7
127 12.3 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 6.212 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU062145.D
Acq: 06 Dec 2024 19:45



Tgt Ion:180 Resp: 40421
Ion Ratio Lower Upper
180 100
182 93.5 76.1 114.1
145 34.7 27.4 41.0

