

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110624\
 Data File : VU061513.D
 Acq On : 06 Nov 2024 20:14
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 07 00:12:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 07 00:10:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	156711	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	146585	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	70980	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	38006	3.570	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.400%
7) Chloroethane-d5	1.907	69	42921	4.398	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.000%
11) 1,1-Dichloroethene-d2	2.560	65	17950	3.941	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.800%
20) 2-Butanone-d5	4.624	46	122039	56.465	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.920%
24) Chloroform-d	5.055	84	99716	4.935	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
26) 1,2-Dichloroethane-d4	5.695	65	51379	5.101	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.000%
32) Benzene-d6	5.717	84	194133	4.700	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
36) 1,2-Dichloropropane-d6	6.682	67	61229	4.931	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.600%
41) Toluene-d8	7.891	98	178511	4.622	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
43) trans-1,3-Dichloroprop...	8.174	79	21176	4.178	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.600%
46) 2-Hexanone-d5	8.624	63	109696	52.838	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.680%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	51168	5.449	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.000%
66) 1,2-Dichlorobenzene-d4	12.183	152	61673	4.907	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	47118	4.510	ug/L	98
3) Chloromethane	1.515	50	45995	4.175	ug/L	99
5) Vinyl chloride	1.599	62	53420	4.410	ug/L	97
6) Bromomethane	1.853	94	35602	4.435	ug/L	99
8) Chloroethane	1.930	64	43343	4.860	ug/L	99
9) Trichlorofluoromethane	2.132	101	78007	4.741	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	46981	4.809	ug/L	98
12) 1,1-Dichloroethene	2.573	96	43552	4.701	ug/L	95
13) Acetone	2.640	43	73086	53.389	ug/L	99
14) Carbon disulfide	2.788	76	116855	3.780	ug/L	100
15) Methyl Acetate	2.952	43	19214	5.668	ug/L	96
16) Methylene chloride	3.039	84	55623	5.095	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	127218	5.066	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	49876	4.868	ug/L	93
19) 1,1-Dichloroethane	3.859	63	97938	5.069	ug/L	98
21) 2-Butanone	4.705	43	116107	53.501	ug/L	97
22) cis-1,2-Dichloroethene	4.656	96	58843	5.028	ug/L	99
23) Bromochloromethane	4.965	128	26984	5.480	ug/L	95
25) Chloroform	5.078	83	108044	5.318	ug/L	97

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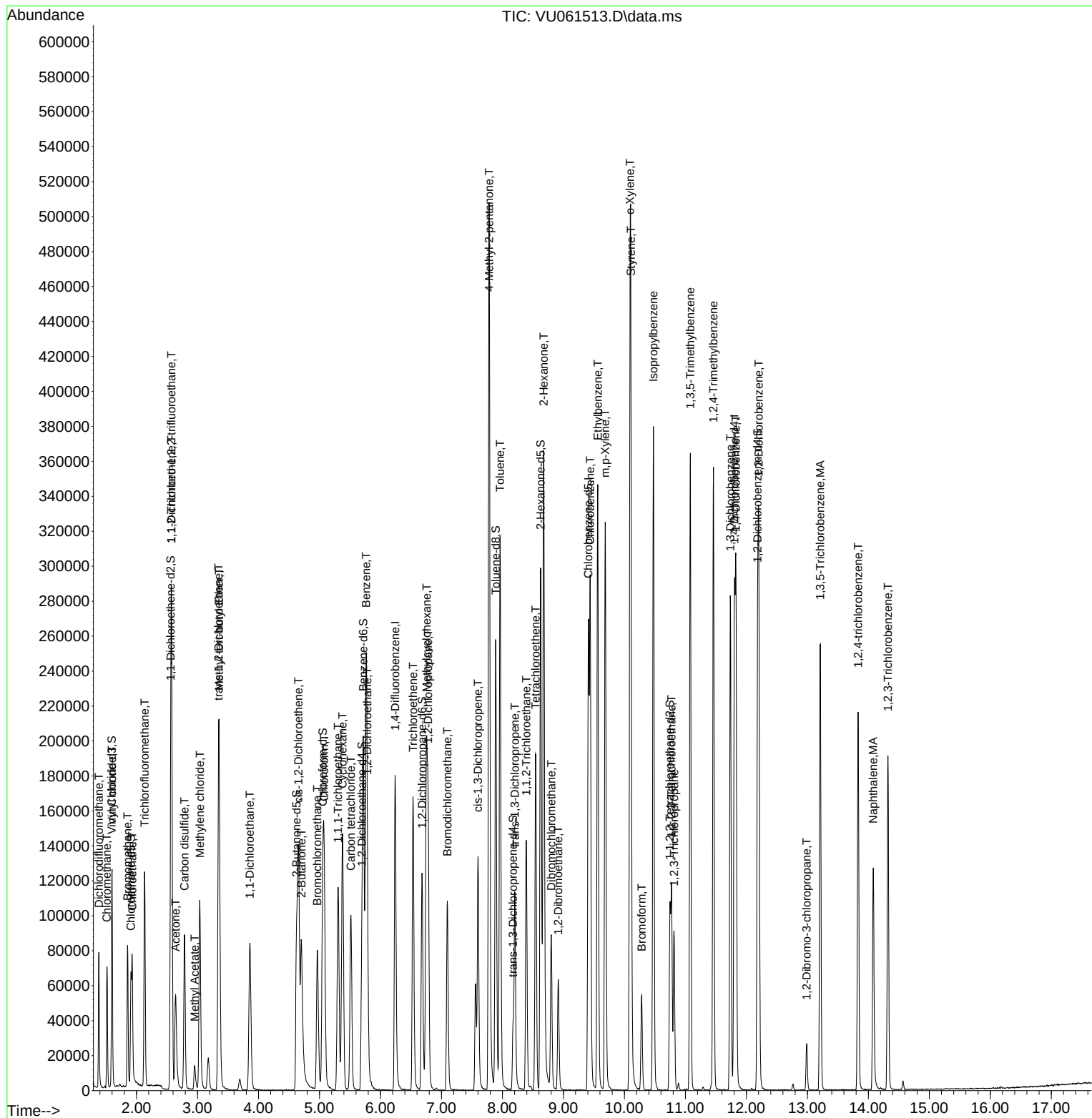
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	65672	5.115	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	84320	4.697	ug/L	99
30) Cyclohexane	5.377	56	73057	4.058	ug/L	98
31) Carbon tetrachloride	5.515	117	68630	4.468	ug/L	99
33) Benzene	5.766	78	226466	4.995	ug/L	100
34) Trichloroethene	6.534	95	57281	4.645	ug/L	98
35) Methylcyclohexane	6.756	83	80834	4.118	ug/L	98
37) 1,2-Dichloropropane	6.782	63	60686	5.281	ug/L	100
38) Bromodichloromethane	7.097	83	73027	5.022	ug/L	99
39) cis-1,3-Dichloropropene	7.598	75	83203	4.688	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	311603	54.486	ug/L	99
42) Toluene	7.962	91	243637	4.949	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	65923	4.559	ug/L	98
45) 1,1,2-Trichloroethane	8.389	97	46457	5.618	ug/L	97
47) Tetrachloroethene	8.544	164	41552	4.824	ug/L	97
48) 2-Hexanone	8.676	43	226689	56.053	ug/L	100
49) Dibromochloromethane	8.801	129	45524	4.854	ug/L	97
50) 1,2-Dibromoethane	8.917	107	42838	5.332	ug/L	96
51) Chlorobenzene	9.441	112	157477	5.061	ug/L	97
52) Ethylbenzene	9.563	91	254363	4.697	ug/L	100
53) m,p-Xylene	9.685	106	97292	4.716	ug/L	94
54) o-Xylene	10.093	106	97290	4.778	ug/L	96
55) Styrene	10.106	104	158692	4.862	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	56661	5.686	ug/L	100
59) Bromoform	10.283	173	24127	4.592	ug/L	100
60) Isopropylbenzene	10.476	105	251623	4.641	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	38868	5.497	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	199652	4.523	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	199748	4.578	ug/L	100
64) 1,3-Dichlorobenzene	11.736	146	115643	5.067	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	113509	4.879	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	109276	5.088	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	7197	4.848	ug/L	89
69) 1,3,5-Trichlorobenzene	13.212	180	80488	5.145	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	65881	5.219	ug/L	98
71) Naphthalene	14.080	128	111832	5.614	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	58792	5.567	ug/L	99

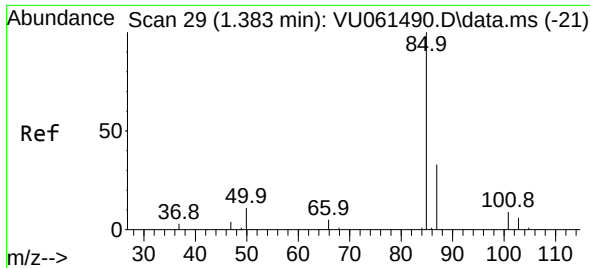
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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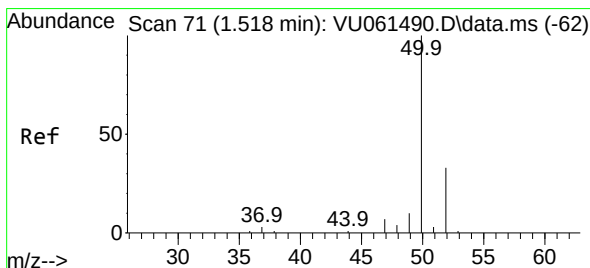
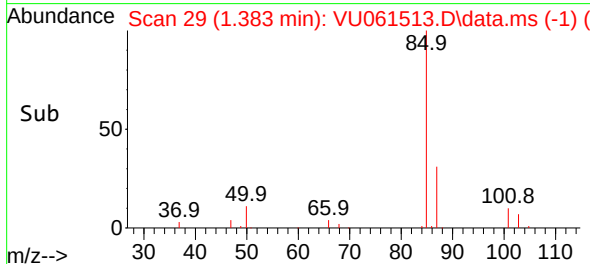
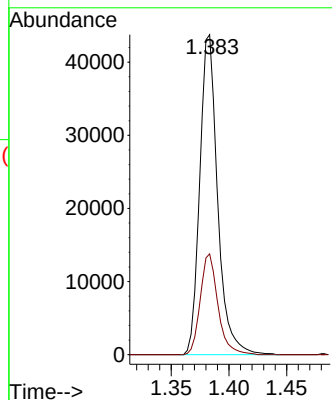
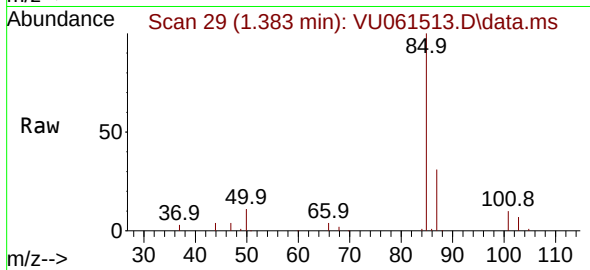




#2
 Dichlorodifluoromethane
 Concen: 4.510 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU061513.D
 Acq: 06 Nov 2024 20:14

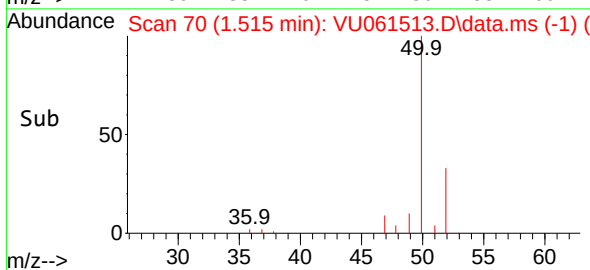
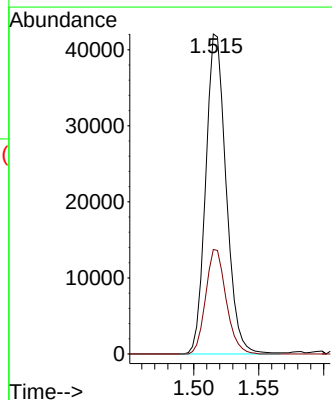
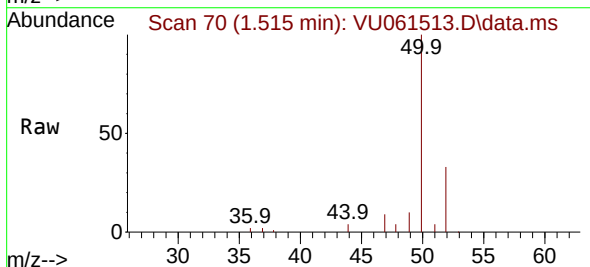
Instrument :
 MSVOA_U
 ClientSampleId :

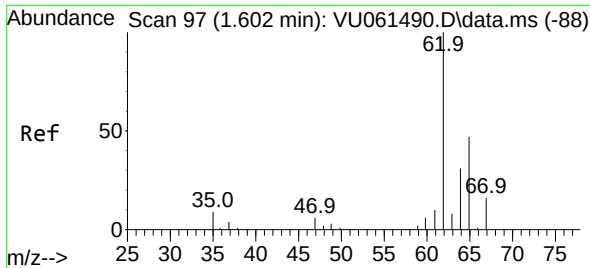
Tgt Ion: 85 Resp: 47118
 Ion Ratio Lower Upper
 85 100
 87 31.1 25.7 38.5



#3
 Chloromethane
 Concen: 4.175 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.003 min
 Lab File: VU061513.D
 Acq: 06 Nov 2024 20:14

Tgt Ion: 50 Resp: 45995
 Ion Ratio Lower Upper
 50 100
 52 32.7 23.4 43.4

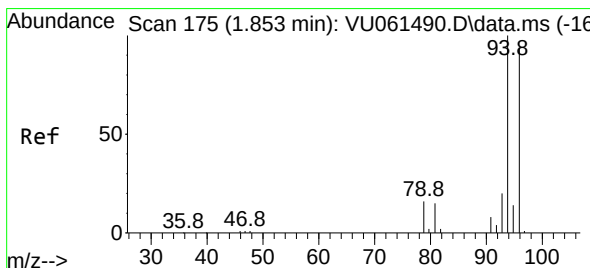
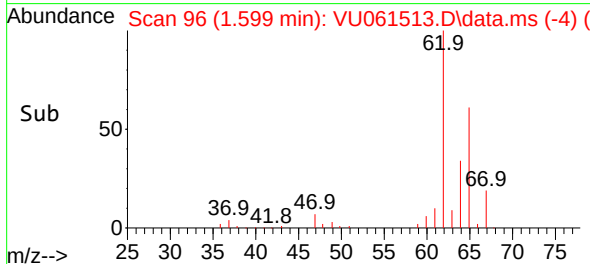
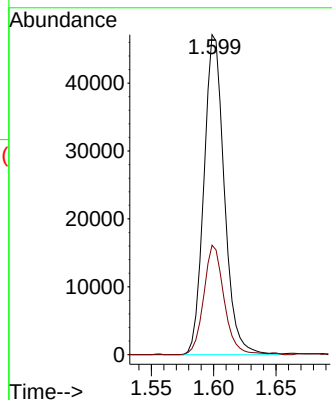
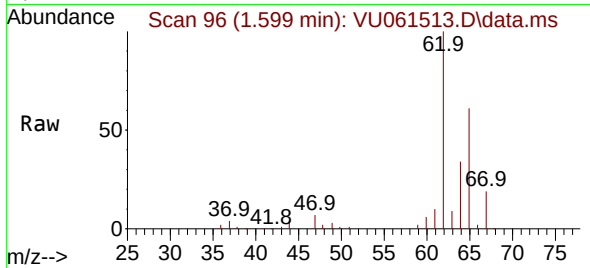




#5
 Vinyl chloride
 Concen: 4.410 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. -0.003 min
 Lab File: VU061513.D
 Acq: 06 Nov 2024 20:14

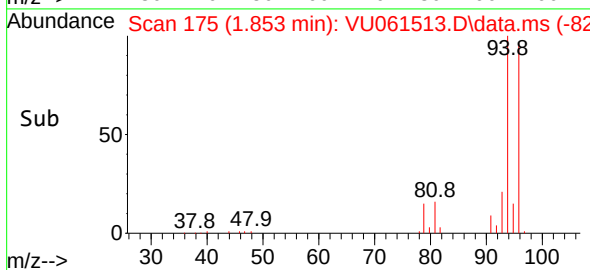
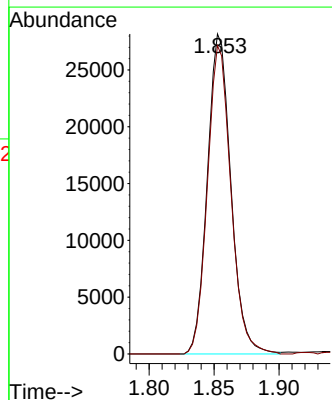
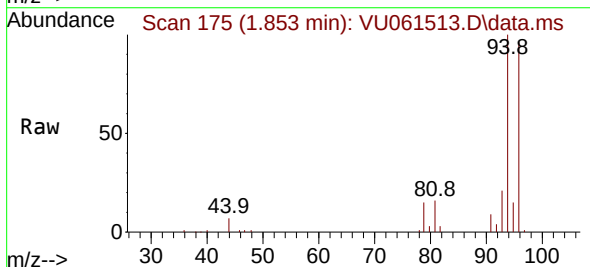
Instrument :
 MSVOA_U
 ClientSampleId :

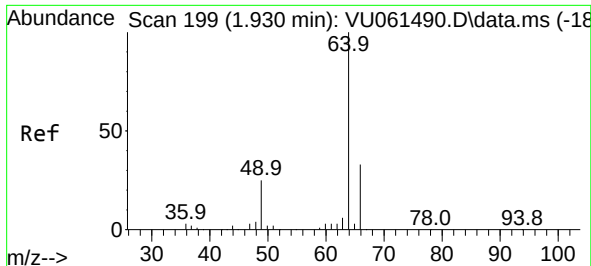
Tgt Ion: 62 Resp: 53420
 Ion Ratio Lower Upper
 62 100
 64 34.2 22.6 42.0



#6
 Bromomethane
 Concen: 4.435 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. -0.000 min
 Lab File: VU061513.D
 Acq: 06 Nov 2024 20:14

Tgt Ion: 94 Resp: 35602
 Ion Ratio Lower Upper
 94 100
 96 96.3 66.9 124.3





#8

Chloroethane

Concen: 4.860 ug/L

RT: 1.930 min Scan# 199

Delta R.T. -0.000 min

Lab File: VU061513.D

Acq: 06 Nov 2024 20:14

Instrument :

MSVOA_U

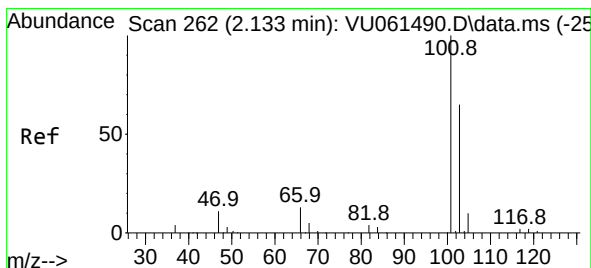
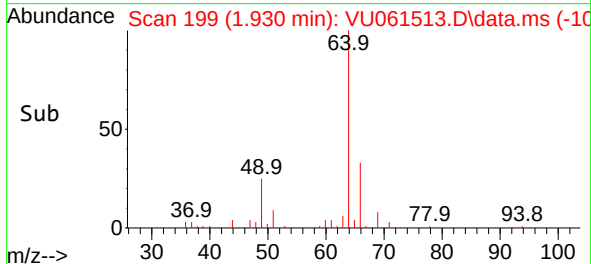
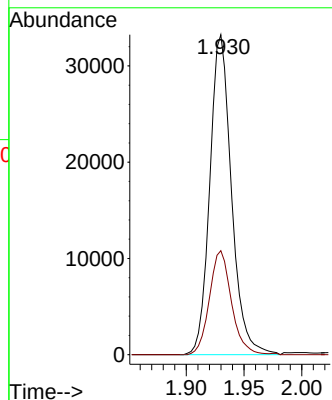
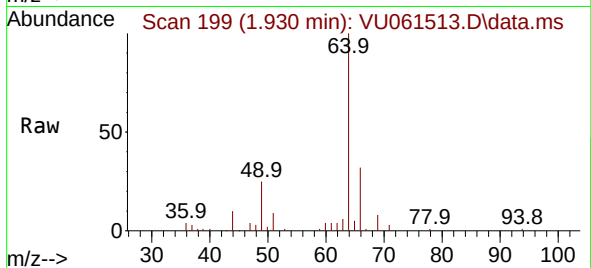
ClientSampleId :

Tgt Ion: 64 Resp: 43343

Ion Ratio Lower Upper

64 100

66 32.5 23.1 42.9



#9

Trichlorofluoromethane

Concen: 4.741 ug/L

RT: 2.132 min Scan# 262

Delta R.T. -0.000 min

Lab File: VU061513.D

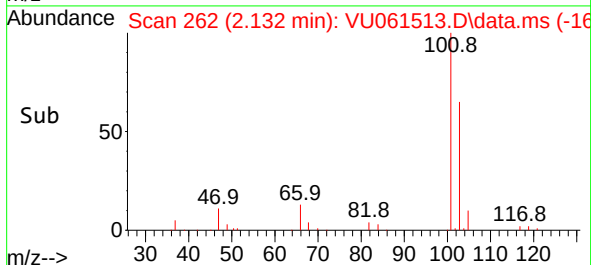
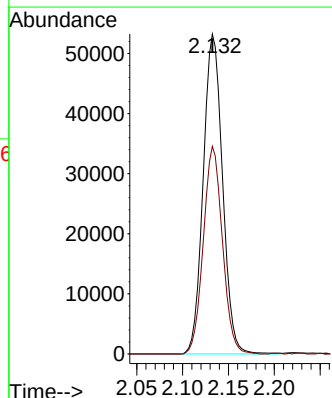
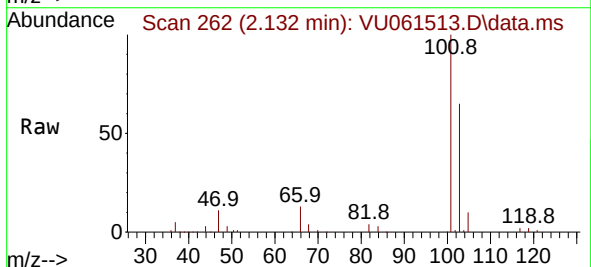
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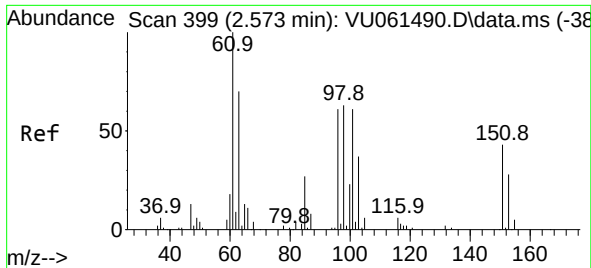
Tgt Ion:101 Resp: 78007

Ion Ratio Lower Upper

101 100

103 64.1 50.6 75.8

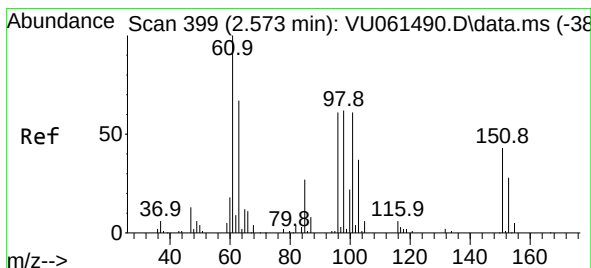
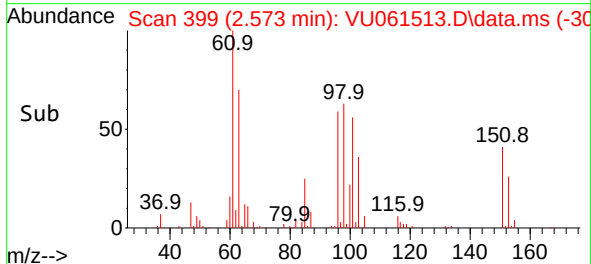
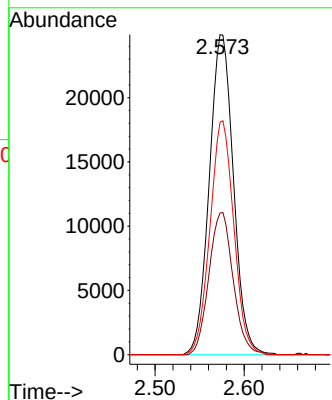
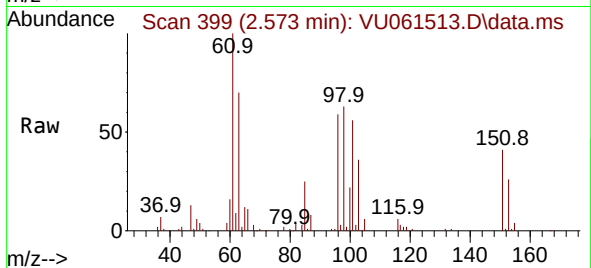




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.809 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU061513.D
Acq: 06 Nov 2024 20:14

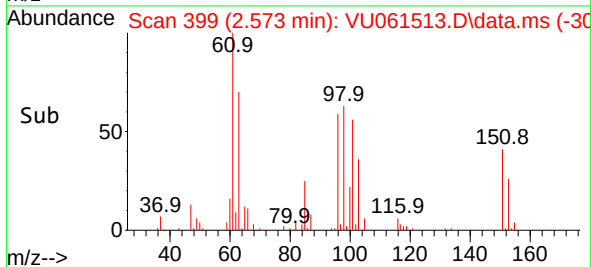
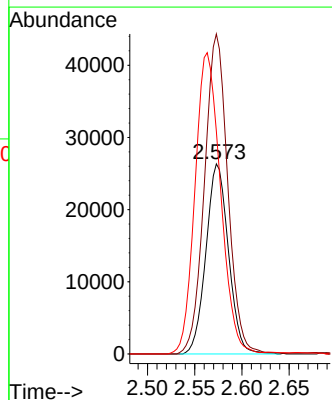
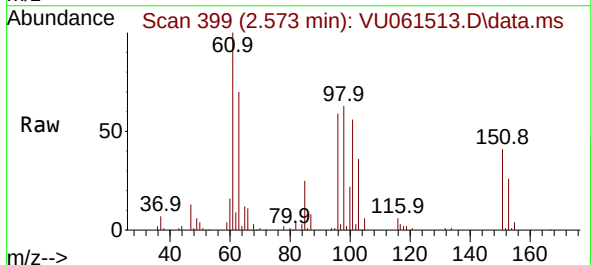
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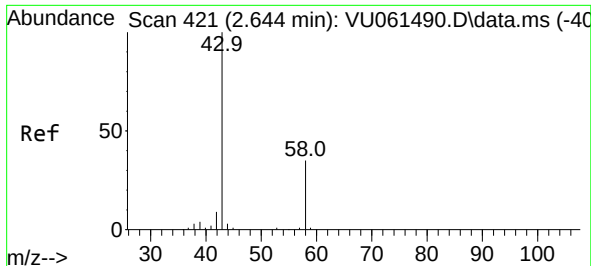
Tgt Ion:101 Resp: 46981
Ion Ratio Lower Upper
101 100
85 44.5 35.6 53.4
151 72.1 55.9 83.9



#12
1,1-Dichloroethene
Concen: 4.701 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU061513.D
Acq: 06 Nov 2024 20:14

Tgt Ion: 96 Resp: 43552
Ion Ratio Lower Upper
96 100
61 168.3 119.1 221.1
63 117.1 89.4 166.0





#13

Acetone

Concen: 53.389 ug/L

RT: 2.640 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU061513.D

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Instrument :

MSVOA_U

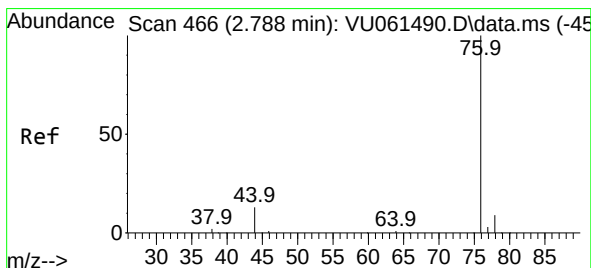
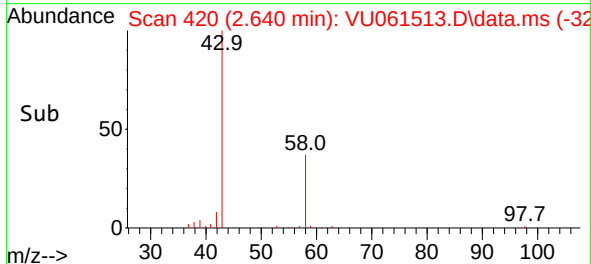
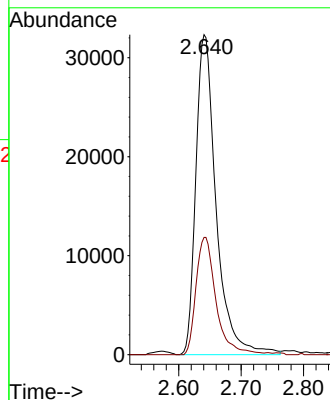
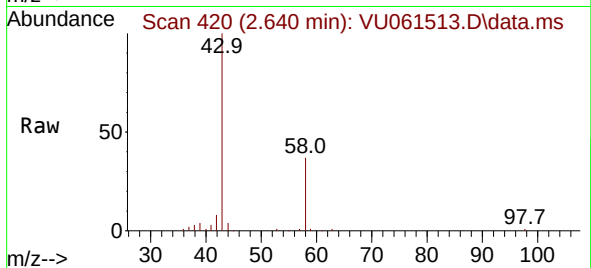
ClientSampleId :

Tgt Ion: 43 Resp: 73086

Ion Ratio Lower Upper

43 100

58 36.0 0.0 73.2



#14

Carbon disulfide

Concen: 3.780 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU061513.D

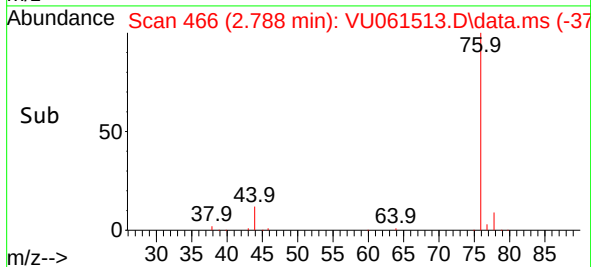
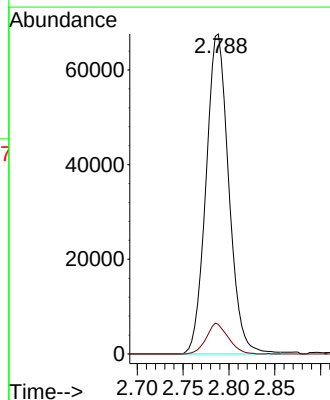
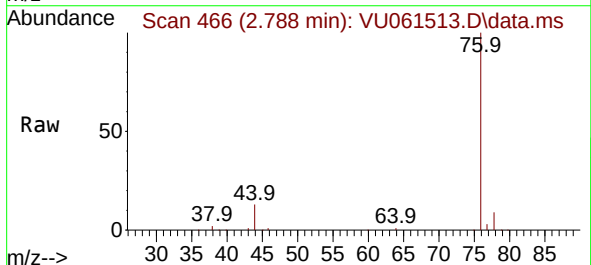
Acq: 06 Nov 2024 20:14

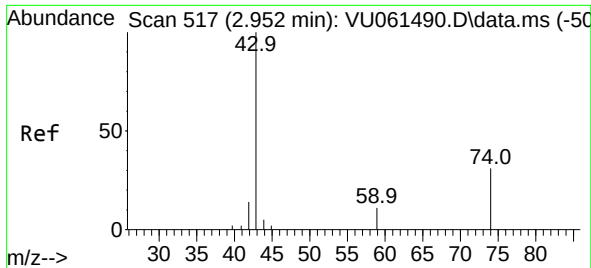
Tgt Ion: 76 Resp: 116855

Ion Ratio Lower Upper

76 100

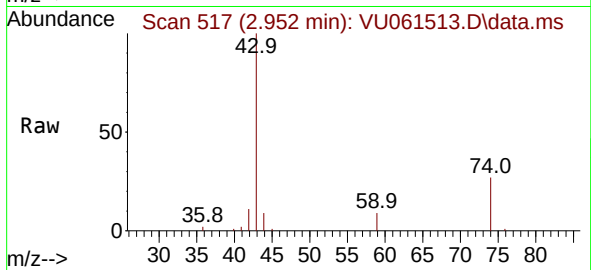
78 9.2 7.4 11.2



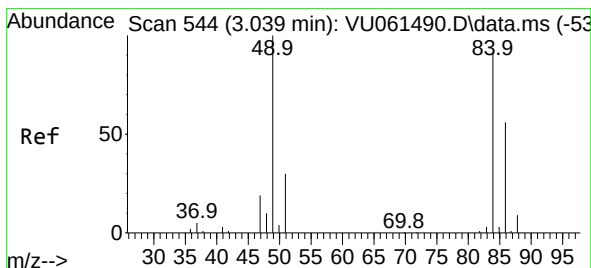
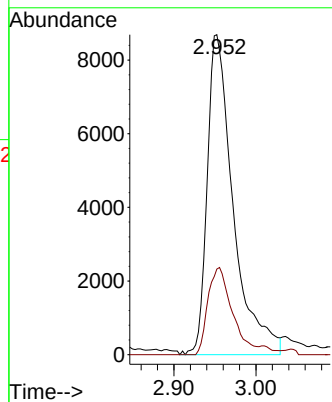
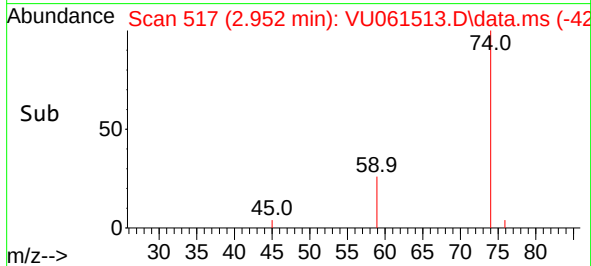


#15
Methyl Acetate
Concen: 5.668 ug/L
RT: 2.952 min Scan# 517
Delta R.T. -0.000 min
Lab File: VU061513.D
Acq: 06 Nov 2024 20:14

Instrument :
MSVOA_U
ClientSampleId :

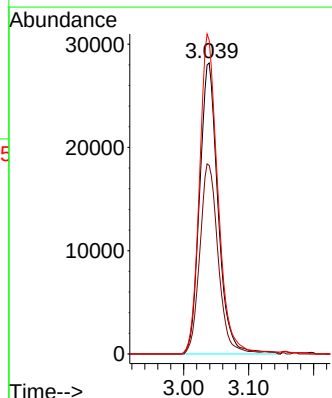
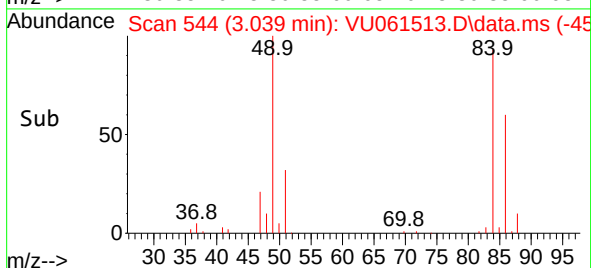
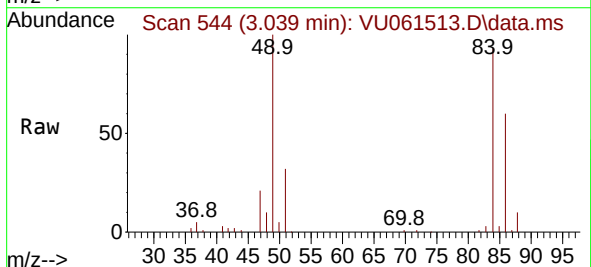


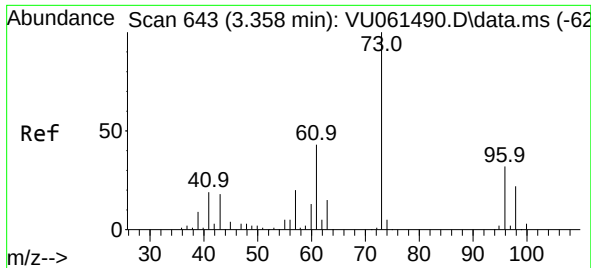
Tgt Ion: 43 Resp: 19214
Ion Ratio Lower Upper
43 100
74 25.5 22.2 33.4



#16
Methylene chloride
Concen: 5.095 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU061513.D
Acq: 06 Nov 2024 20:14

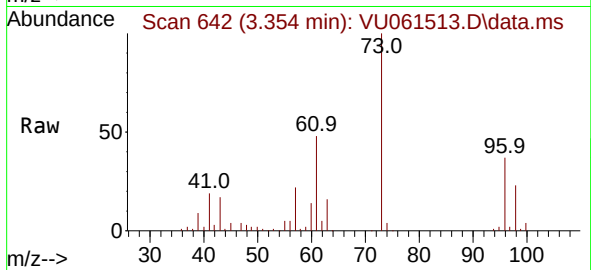
Tgt Ion: 84 Resp: 55623
Ion Ratio Lower Upper
84 100
86 64.8 43.5 80.7
49 107.8 75.7 140.7



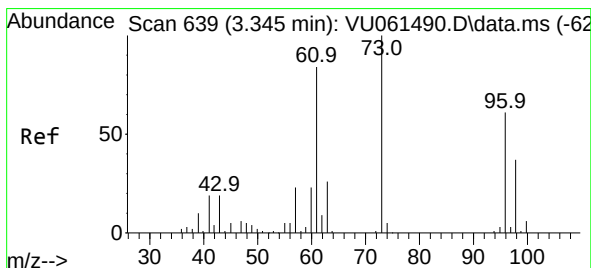
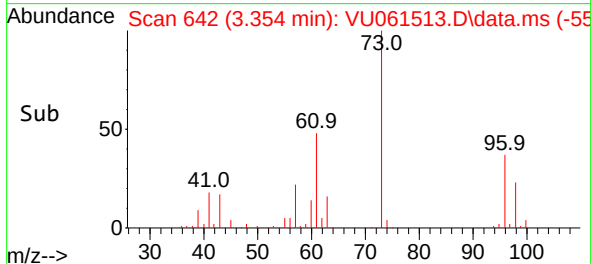
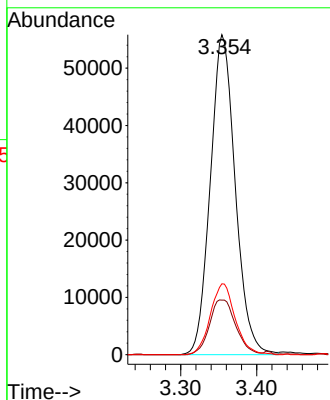


#17
Methyl tert-butyl Ether
Concen: 5.066 ug/L
RT: 3.354 min Scan# 643
Delta R.T. -0.003 min
Lab File: VU061513.D
Acq: 06 Nov 2024 20:14

Instrument :
MSVOA_U
ClientSampleId :

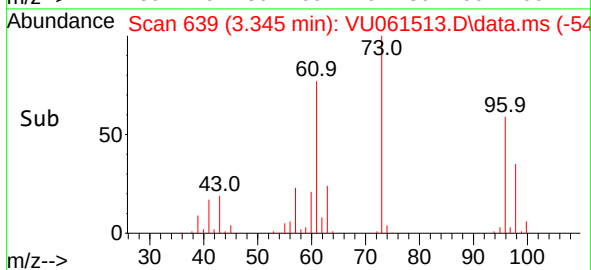
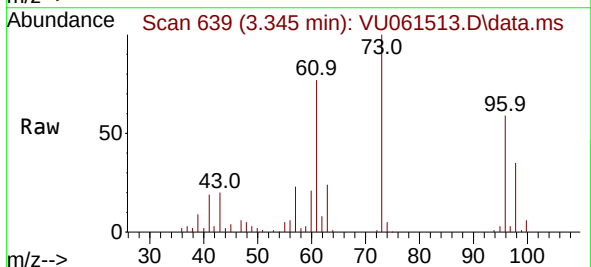
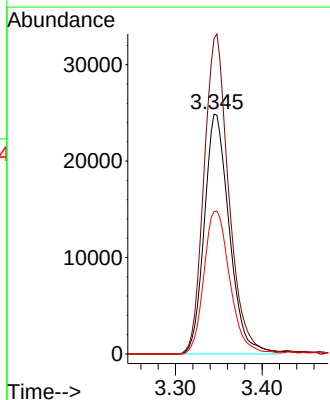


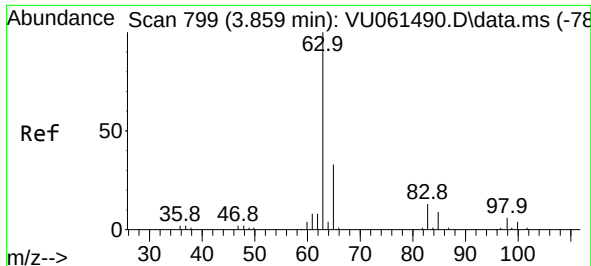
Tgt Ion: 73 Resp: 127218
Ion Ratio Lower Upper
73 100
43 18.1 15.0 22.4
57 22.1 17.0 25.6



#18
trans-1,2-Dichloroethene
Concen: 4.868 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.000 min
Lab File: VU061513.D
Acq: 06 Nov 2024 20:14

Tgt Ion: 96 Resp: 49876
Ion Ratio Lower Upper
96 100
61 131.6 97.9 181.7
98 59.4 46.2 85.8

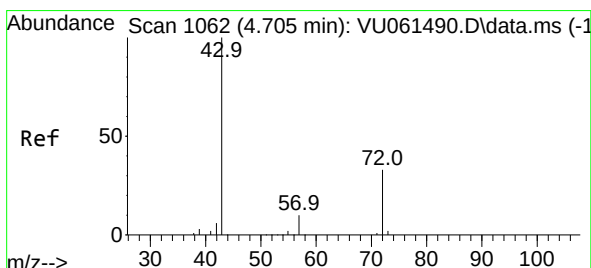
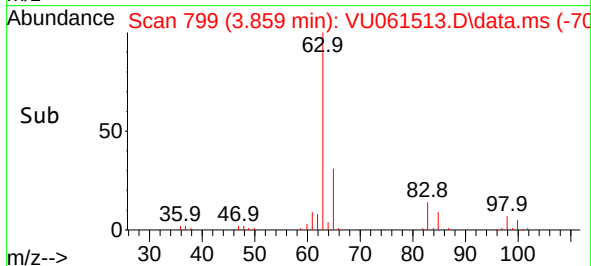
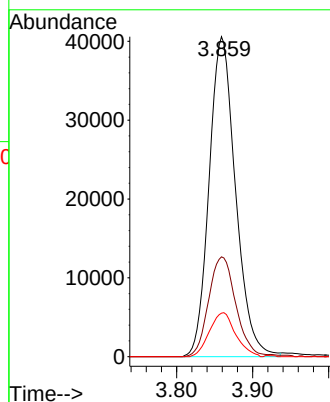
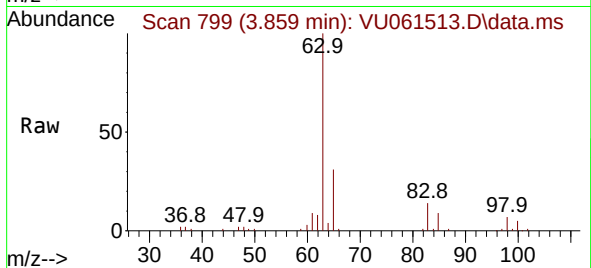




#19
1,1-Dichloroethane
Concen: 5.069 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU061513.D
Acq: 06 Nov 2024 20:14

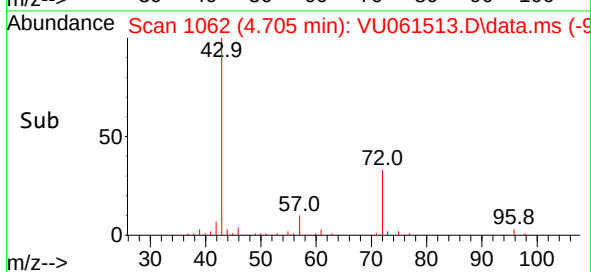
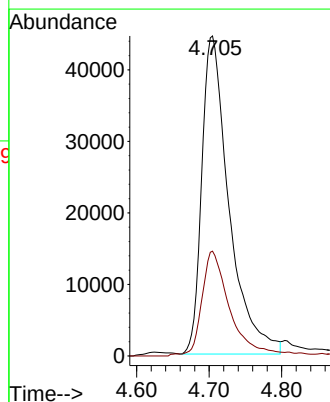
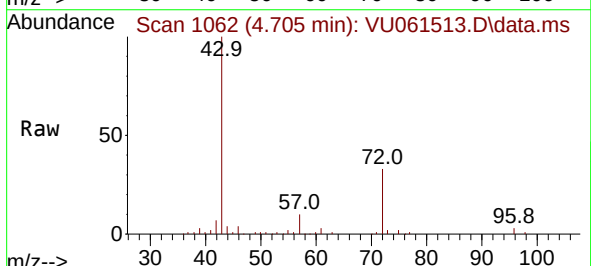
Instrument :
MSVOA_U
ClientSampleId :

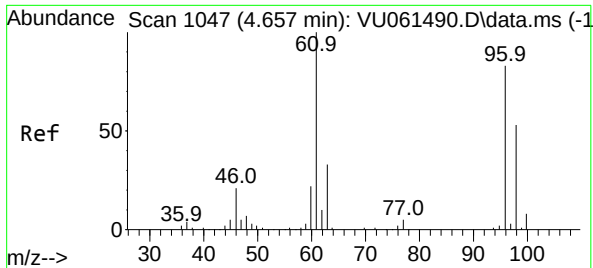
Tgt Ion: 63 Resp: 97938
Ion Ratio Lower Upper
63 100
65 31.2 23.0 42.6
83 13.6 9.7 17.9



#21
2-Butanone
Concen: 53.501 ug/L
RT: 4.705 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VU061513.D
Acq: 06 Nov 2024 20:14

Tgt Ion: 43 Resp: 116107
Ion Ratio Lower Upper
43 100
72 33.6 15.9 47.6

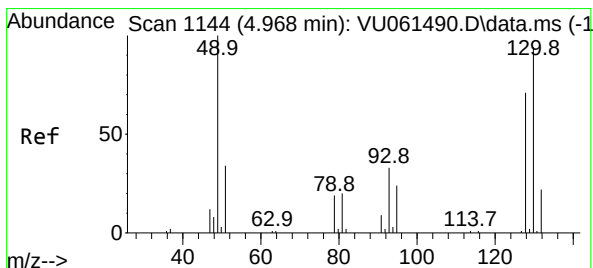
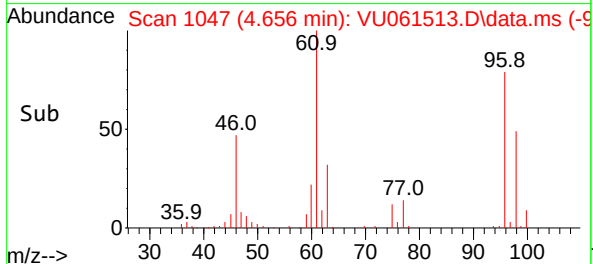
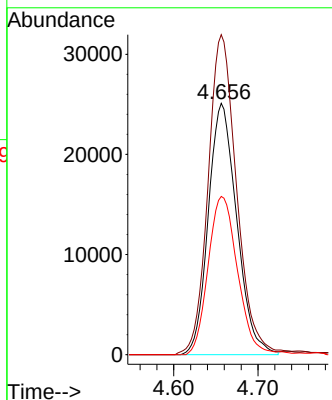
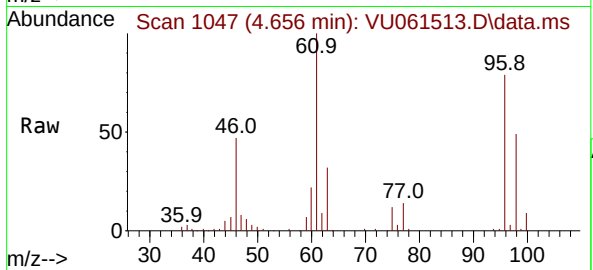




#22
 cis-1,2-Dichloroethene
 Concen: 5.028 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. -0.000 min
 Lab File: VU061513.D
 Acq: 06 Nov 2024 20:14

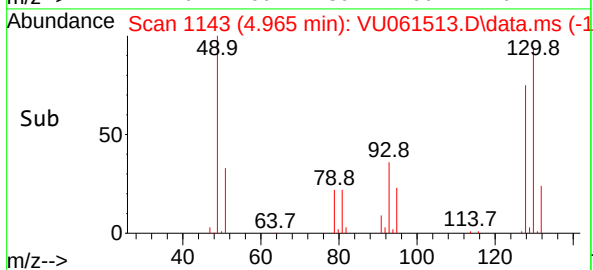
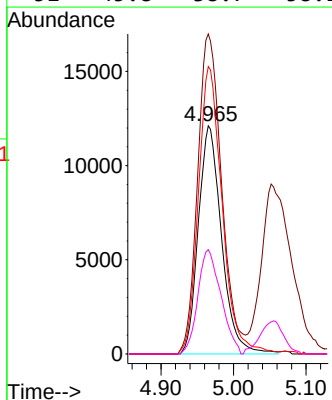
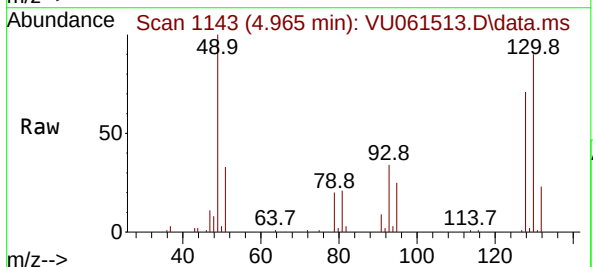
Instrument :
 MSVOA_U
 ClientSampleId :

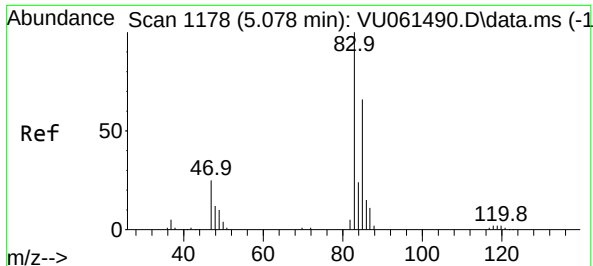
Tgt Ion: 96 Resp: 58843
 Ion Ratio Lower Upper
 96 100
 61 127.3 88.1 163.5
 98 62.9 45.0 83.6



#23
 Bromochloromethane
 Concen: 5.480 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. -0.003 min
 Lab File: VU061513.D
 Acq: 06 Nov 2024 20:14

Tgt Ion:128 Resp: 26984
 Ion Ratio Lower Upper
 128 100
 49 140.3 105.1 195.1
 130 126.0 89.6 166.4
 51 45.8 38.7 58.1





#25

Chloroform

Concen: 5.318 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VU061513.D

Acq: 06 Nov 2024 20:14

Instrument :

MSVOA_U

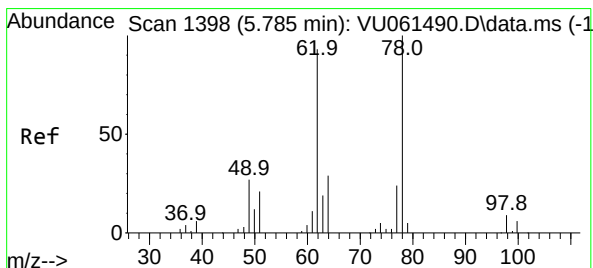
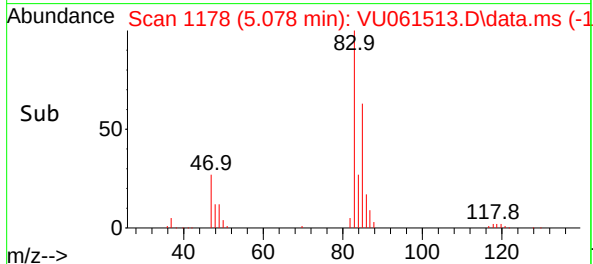
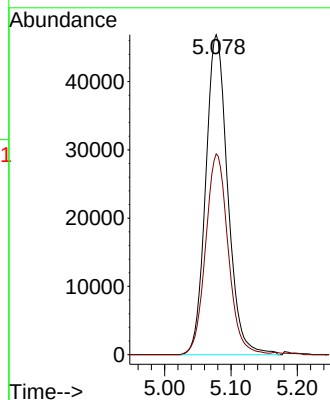
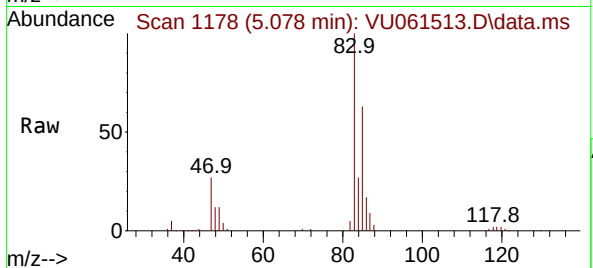
ClientSampleId :

Tgt Ion: 83 Resp: 108044

Ion Ratio Lower Upper

83 100

85 62.7 45.6 84.6



#27

1,2-Dichloroethane

Concen: 5.115 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VU061513.D

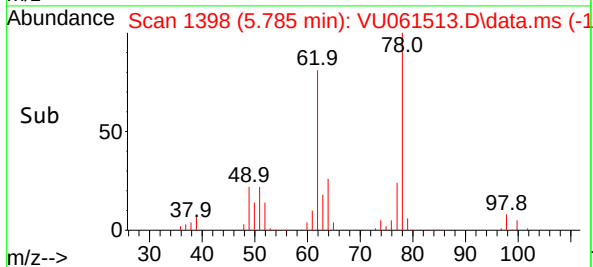
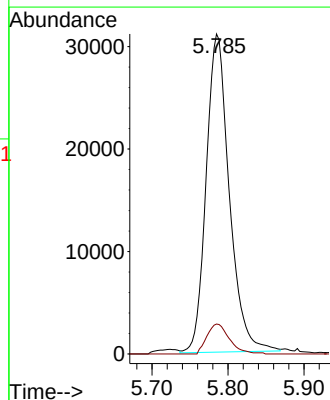
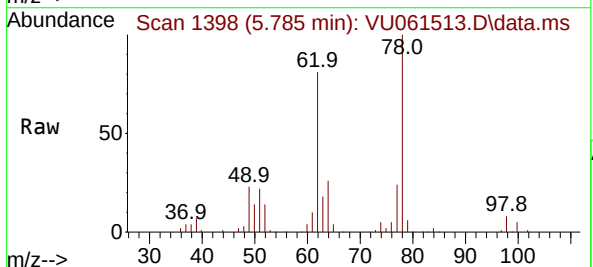
Acq: 06 Nov 2024 20:14

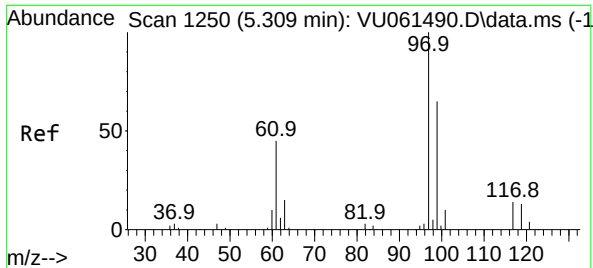
Tgt Ion: 62 Resp: 65672

Ion Ratio Lower Upper

62 100

98 9.4 7.4 11.0

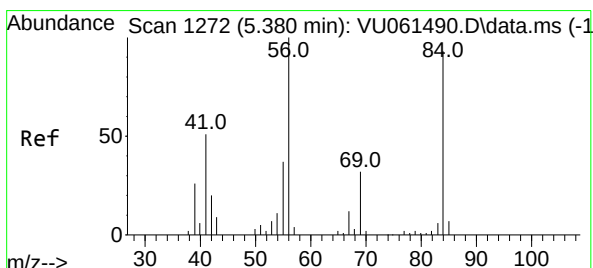
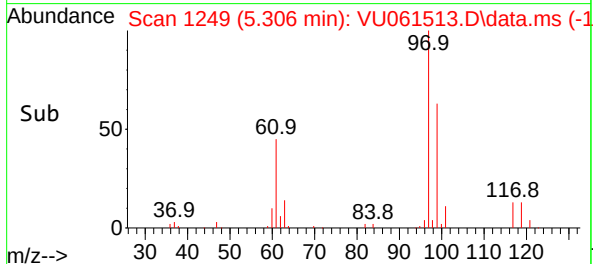
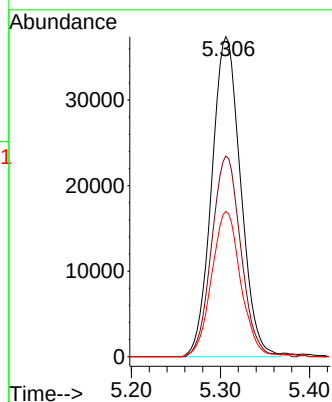
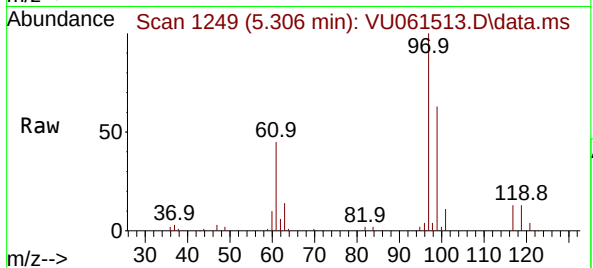




#29
1,1,1-Trichloroethane
Concen: 4.697 ug/L
RT: 5.306 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU061513.D
Acq: 06 Nov 2024 20:14

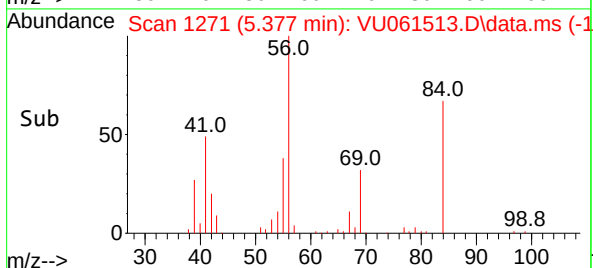
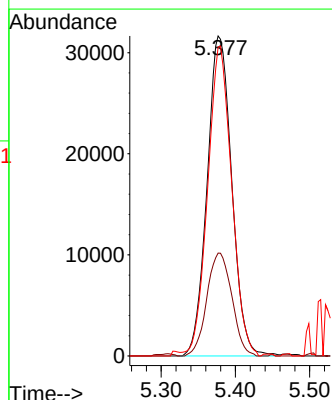
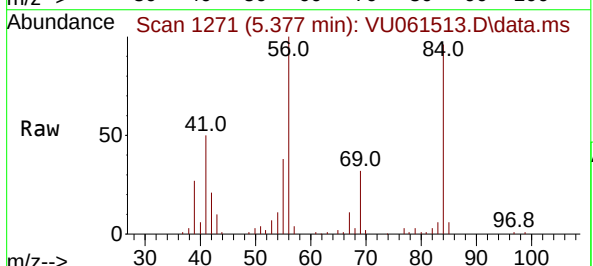
Instrument :
MSVOA_U
ClientSampleId :

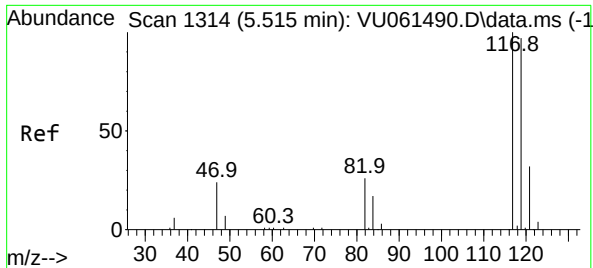
Tgt Ion: 97 Resp: 84320
Ion Ratio Lower Upper
97 100
99 63.3 50.8 76.2
61 45.7 36.1 54.1



#30
Cyclohexane
Concen: 4.058 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. -0.003 min
Lab File: VU061513.D
Acq: 06 Nov 2024 20:14

Tgt Ion: 56 Resp: 73057
Ion Ratio Lower Upper
56 100
69 32.6 25.8 38.6
84 94.4 73.9 110.9

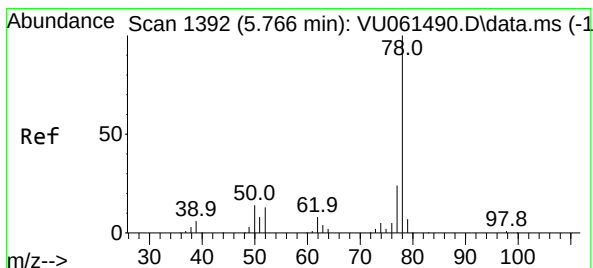
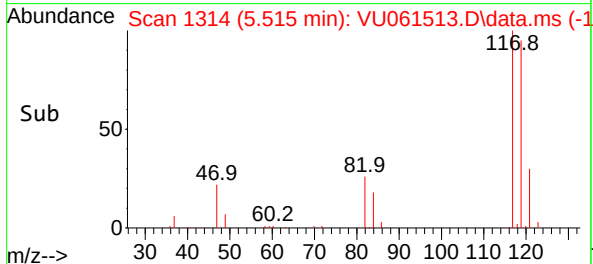
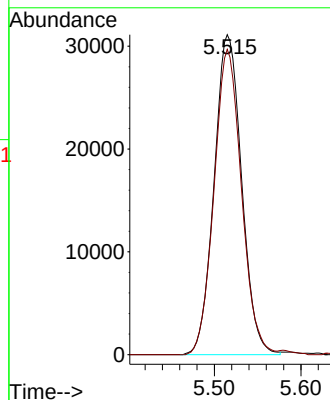
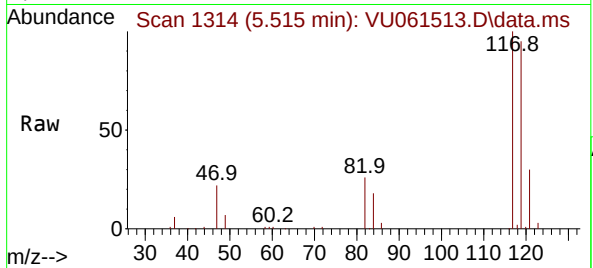




#31
Carbon tetrachloride
Concen: 4.468 ug/L
RT: 5.515 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU061513.D
Acq: 06 Nov 2024 20:14

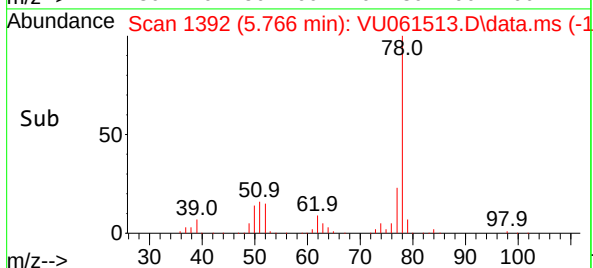
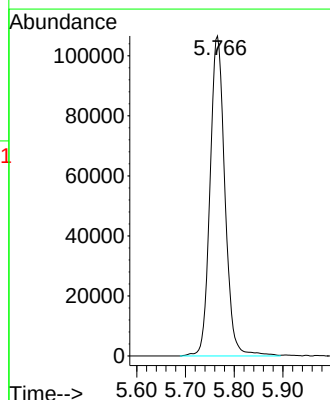
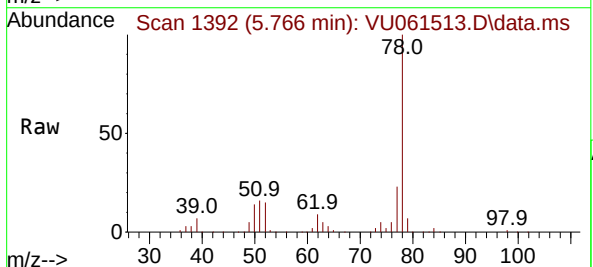
Instrument :
MSVOA_U
ClientSampleId :

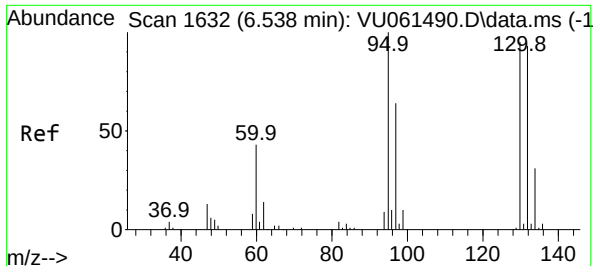
Tgt Ion:117 Resp: 68630
Ion Ratio Lower Upper
117 100
119 95.2 75.5 113.3



#33
Benzene
Concen: 4.995 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU061513.D
Acq: 06 Nov 2024 20:14

Tgt Ion: 78 Resp: 226466

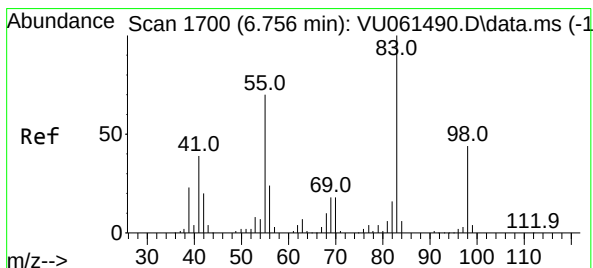
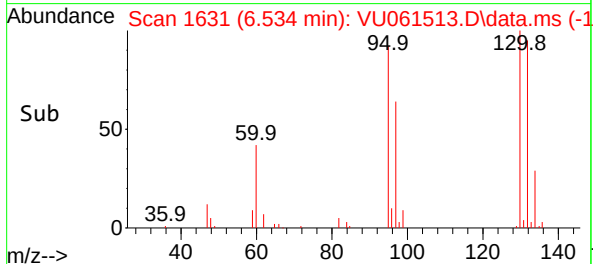
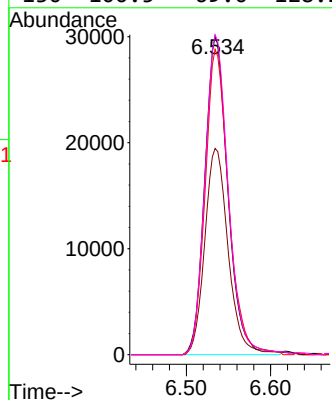
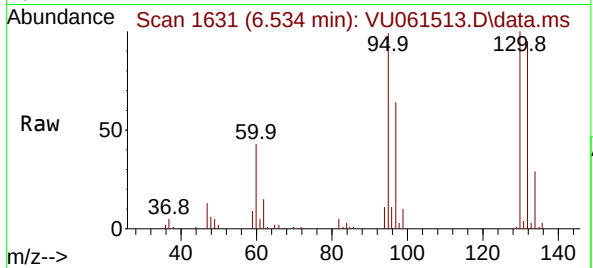




#34
Trichloroethene
Concen: 4.645 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU061513.D
Acq: 06 Nov 2024 20:14

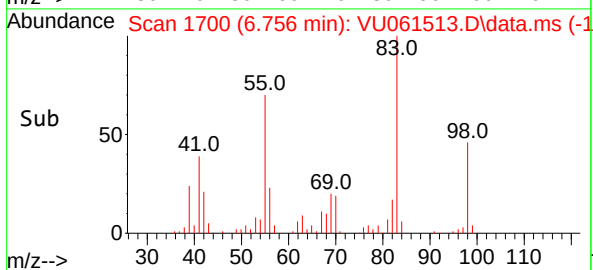
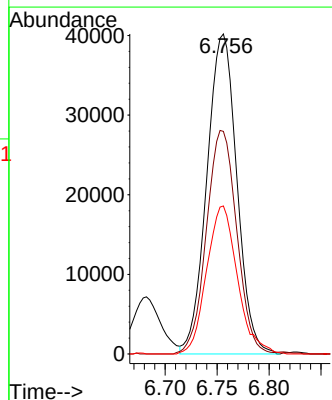
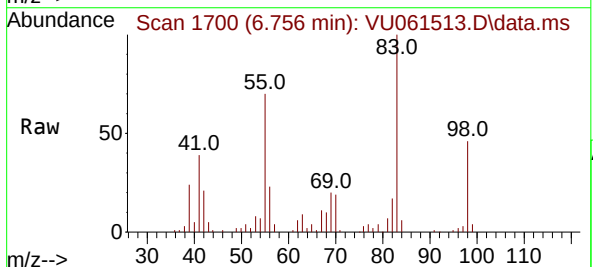
Instrument :
MSVOA_U
ClientSampleId :

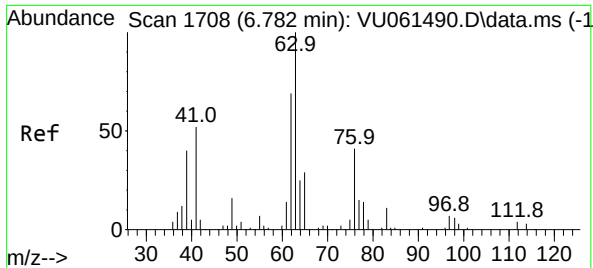
Tgt Ion: 95 Resp: 57281
Ion Ratio Lower Upper
95 100
97 64.8 46.1 85.7
132 95.9 66.1 122.7
130 100.5 69.0 128.2



#35
Methylcyclohexane
Concen: 4.118 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU061513.D
Acq: 06 Nov 2024 20:14

Tgt Ion: 83 Resp: 80834
Ion Ratio Lower Upper
83 100
55 70.5 55.9 83.9
98 47.4 35.9 53.9

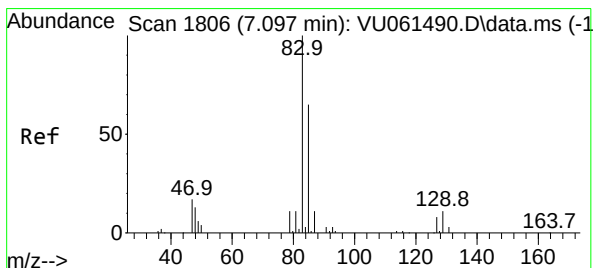
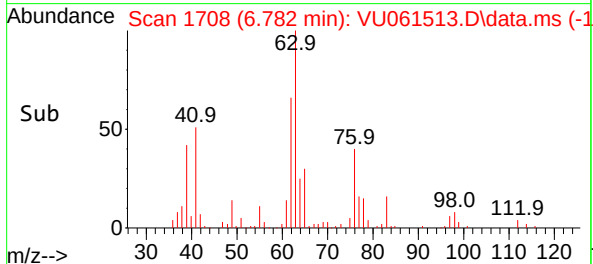
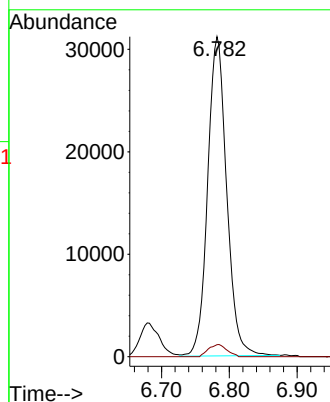
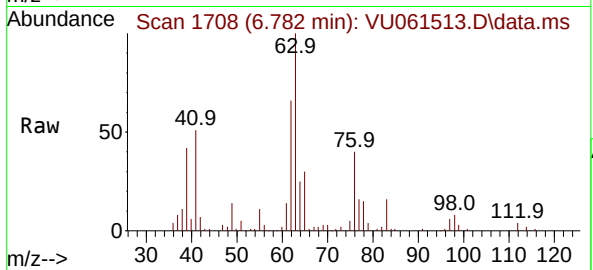




#37
1,2-Dichloropropane
Concen: 5.281 ug/L
RT: 6.782 min Scan# 1708
Delta R.T. -0.000 min
Lab File: VU061513.D
Acq: 06 Nov 2024 20:14

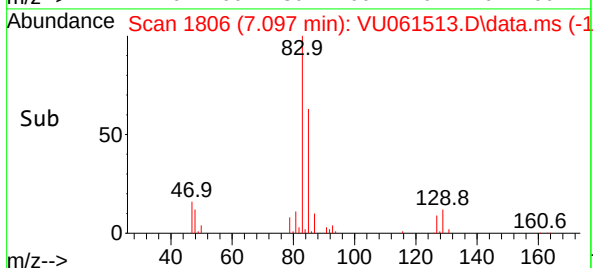
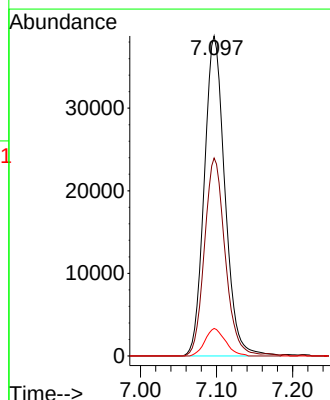
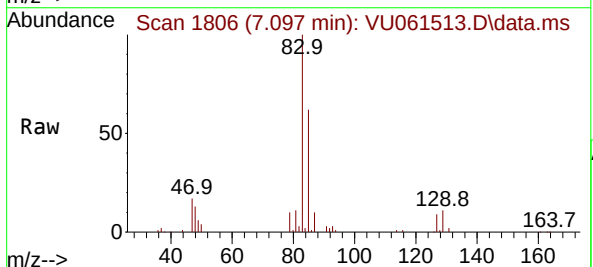
Instrument :
MSVOA_U
ClientSampleId :

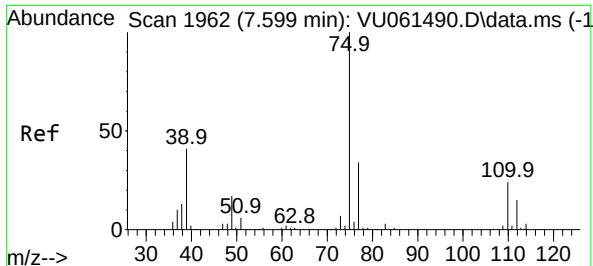
Tgt Ion: 63 Resp: 60686
Ion Ratio Lower Upper
63 100
112 3.7 3.0 4.4



#38
Bromodichloromethane
Concen: 5.022 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU061513.D
Acq: 06 Nov 2024 20:14

Tgt Ion: 83 Resp: 73027
Ion Ratio Lower Upper
83 100
85 61.9 43.8 81.4
127 8.6 7.4 11.0





#39

cis-1,3-Dichloropropene

Concen: 4.688 ug/L

RT: 7.598 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VU061513.D

Acq: 06 Nov 2024 20:14

Instrument :

MSVOA_U

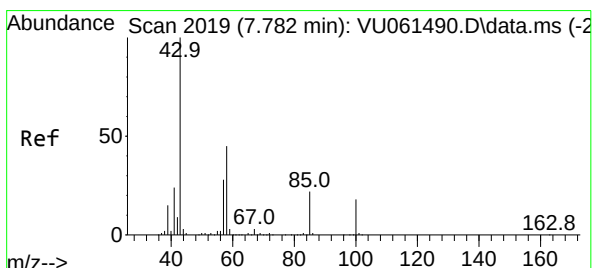
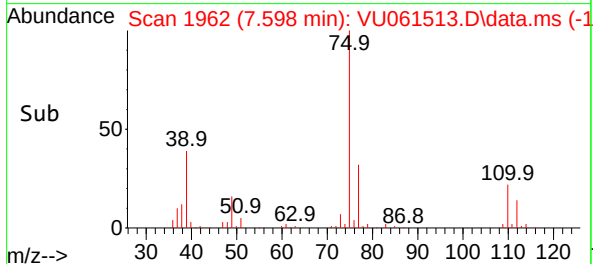
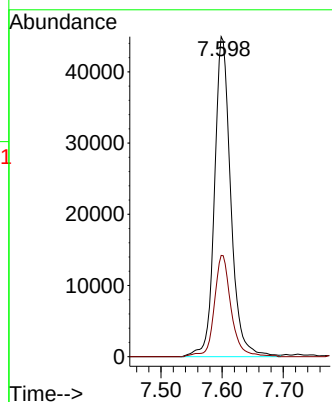
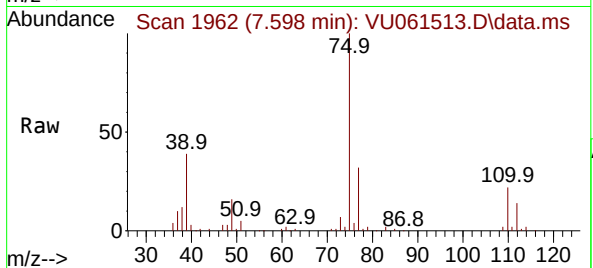
ClientSampleId :

Tgt Ion: 75 Resp: 83203

Ion Ratio Lower Upper

75 100

77 31.7 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 54.486 ug/L

RT: 7.782 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VU061513.D

Acq: 06 Nov 2024 20:14

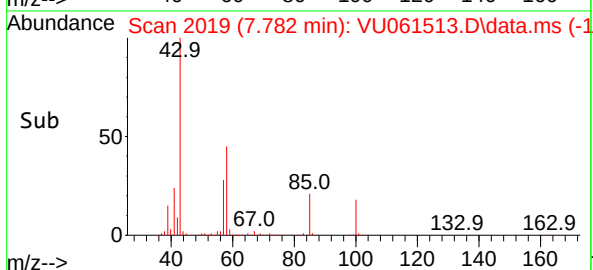
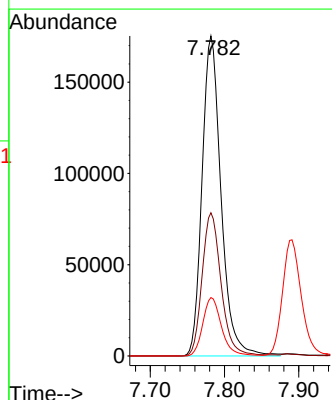
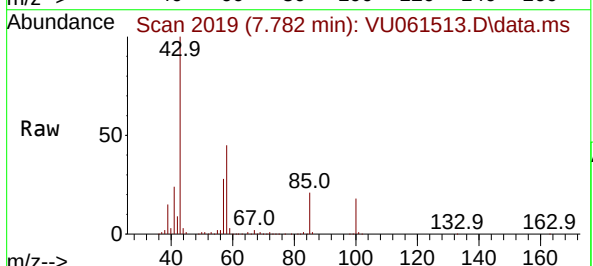
Tgt Ion: 43 Resp: 311603

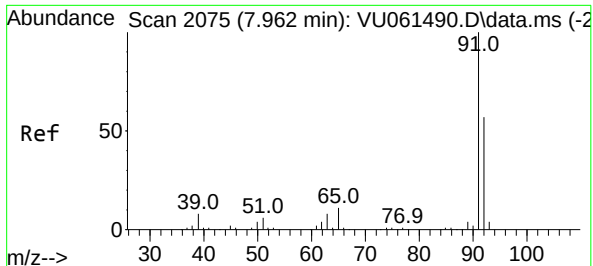
Ion Ratio Lower Upper

43 100

58 44.9 35.1 52.7

100 18.0 14.0 21.0





#42

Toluene

Concen: 4.949 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU061513.D

Acq: 06 Nov 2024 20:14

Instrument :

MSVOA_U

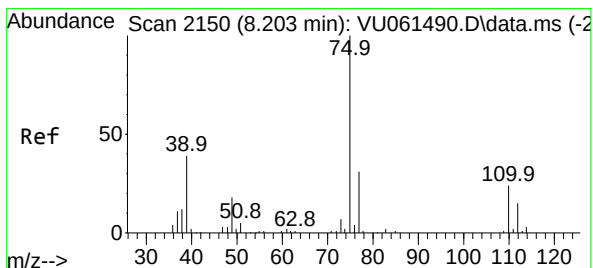
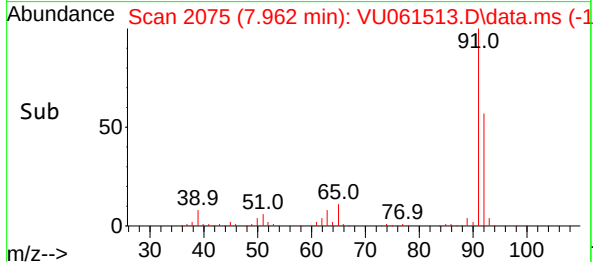
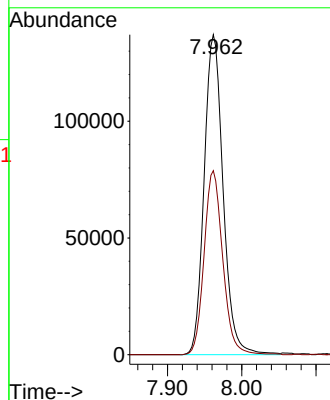
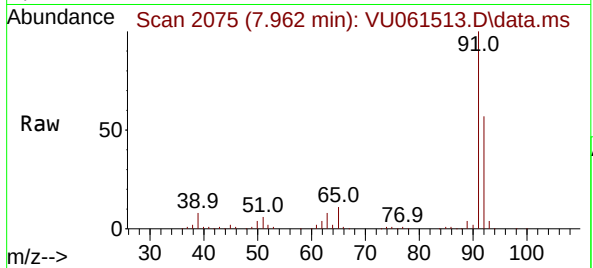
ClientSampleId :

Tgt Ion: 91 Resp: 243637

Ion Ratio Lower Upper

91 100

92 57.5 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 4.559 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU061513.D

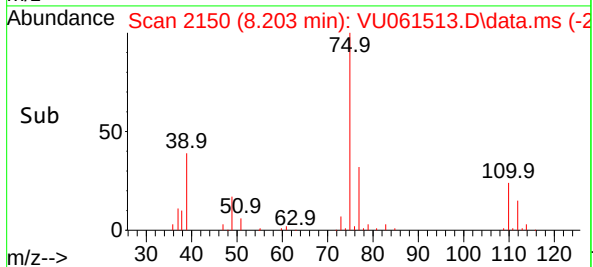
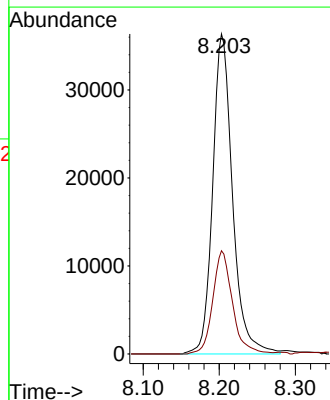
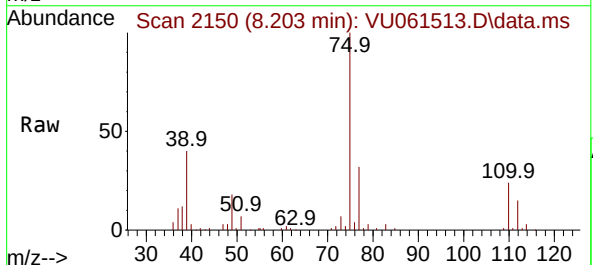
Acq: 06 Nov 2024 20:14

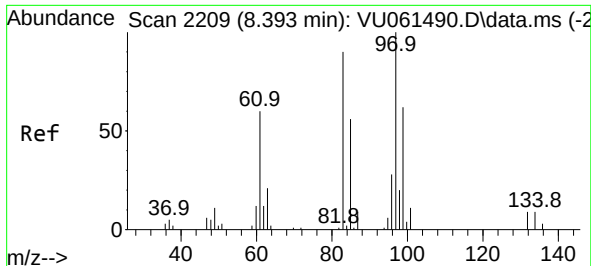
Tgt Ion: 75 Resp: 65923

Ion Ratio Lower Upper

75 100

77 32.3 22.0 40.8

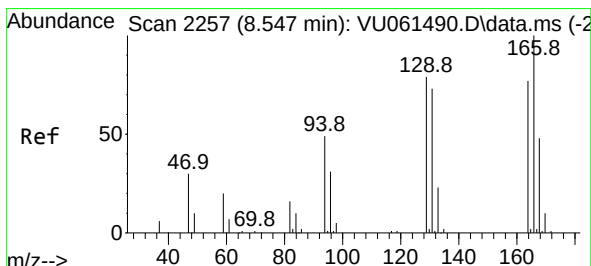
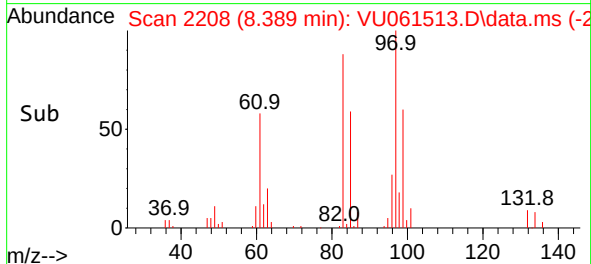
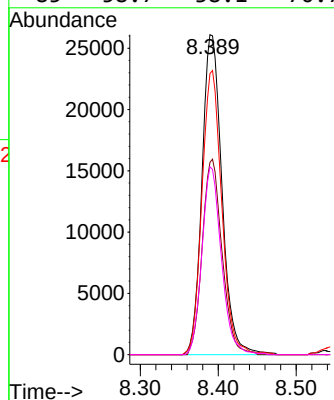
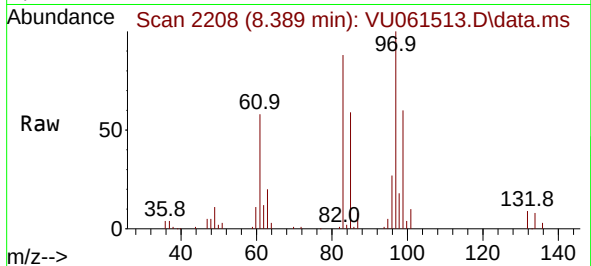




#45
1,1,2-Trichloroethane
Concen: 5.618 ug/L
RT: 8.389 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU061513.D
Acq: 06 Nov 2024 20:14

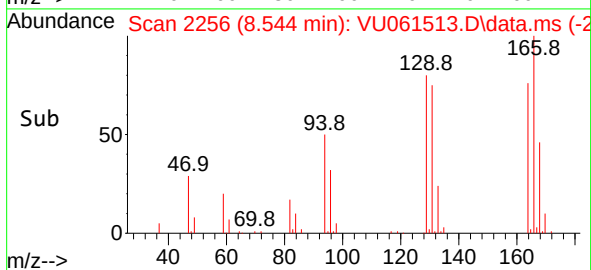
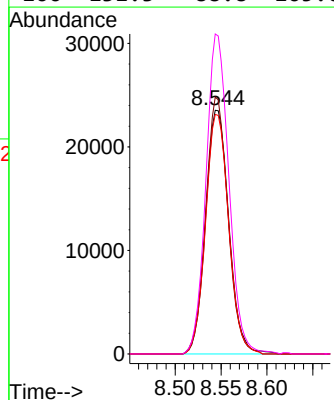
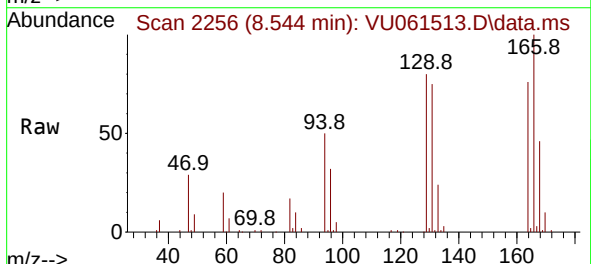
Instrument :
MSVOA_U
ClientSampleId :

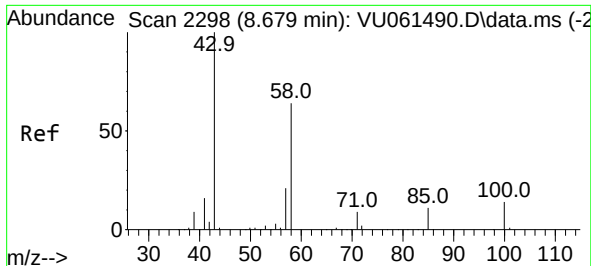
Tgt Ion:	97	Resp:	46457
Ion	Ratio	Lower	Upper
97	100		
99	60.1	44.1	81.9
83	87.8	61.2	113.6
85	58.7	38.1	70.7



#47
Tetrachloroethene
Concen: 4.824 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.003 min
Lab File: VU061513.D
Acq: 06 Nov 2024 20:14

Tgt Ion:	164	Resp:	41552
Ion	Ratio	Lower	Upper
164	100		
129	105.3	69.9	129.7
131	98.3	68.3	126.8
166	131.3	88.8	165.0



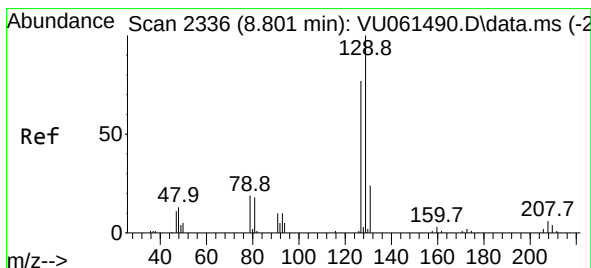
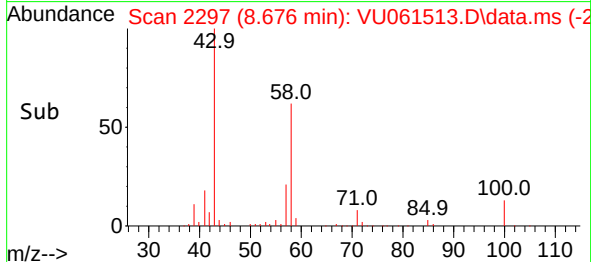
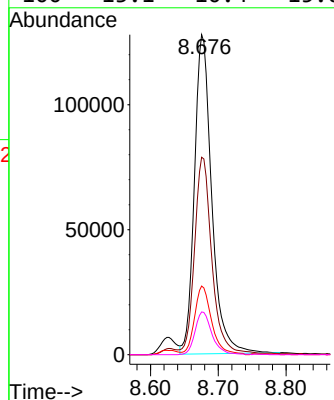
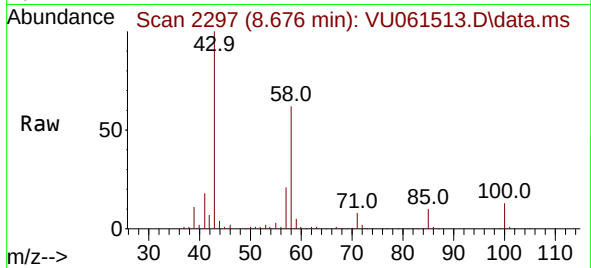


#48
2-Hexanone
Concen: 56.053 ug/L
RT: 8.676 min Scan# 2298
Delta R.T. -0.003 min
Lab File: VU061513.D
Acq: 06 Nov 2024 20:14

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 226689

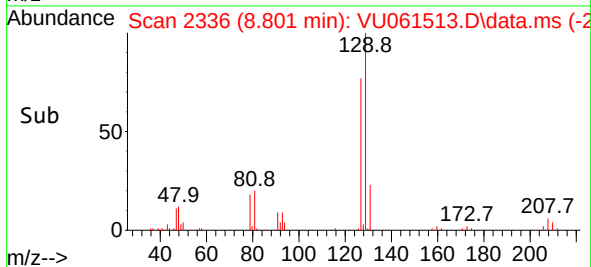
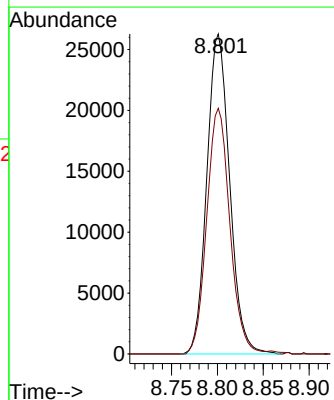
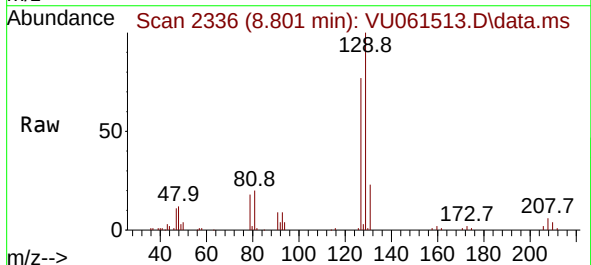
Ion	Ratio	Lower	Upper
43	100		
58	61.2	48.6	72.8
57	21.3	17.0	25.6
100	13.1	10.4	15.6

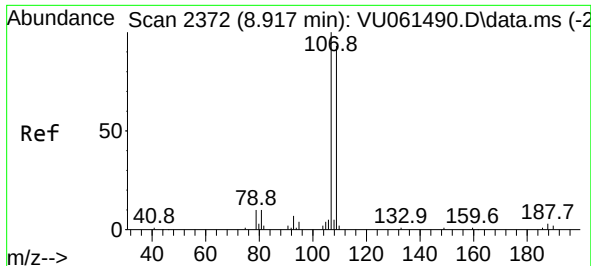


#49
Dibromochloromethane
Concen: 4.854 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU061513.D
Acq: 06 Nov 2024 20:14

Tgt Ion: 129 Resp: 45524

Ion	Ratio	Lower	Upper
129	100		
127	76.8	51.8	96.2





#50

1,2-Dibromoethane

Concen: 5.332 ug/L

RT: 8.917 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU061513.D

Acq: 06 Nov 2024 20:14

Instrument :

MSVOA_U

ClientSampleId :

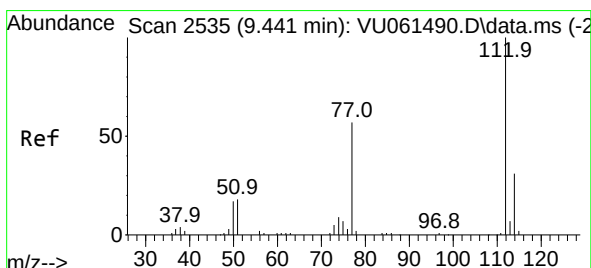
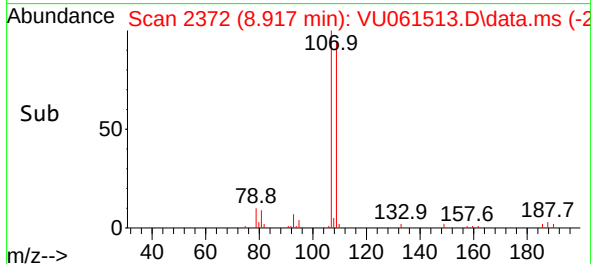
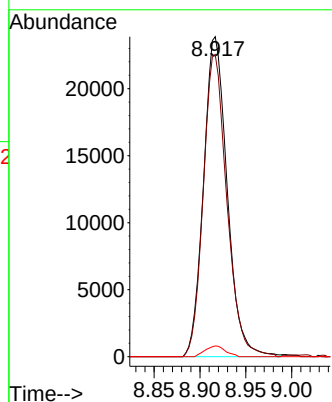
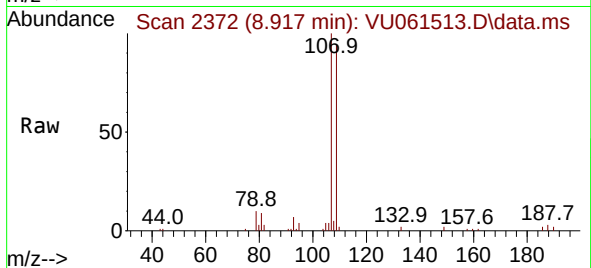
Tgt Ion:107 Resp: 42838

Ion Ratio Lower Upper

107 100

109 94.4 63.4 117.8

188 3.3 2.6 3.8



#51

Chlorobenzene

Concen: 5.061 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. -0.000 min

Lab File: VU061513.D

Acq: 06 Nov 2024 20:14

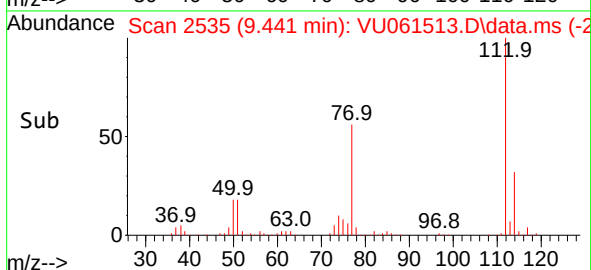
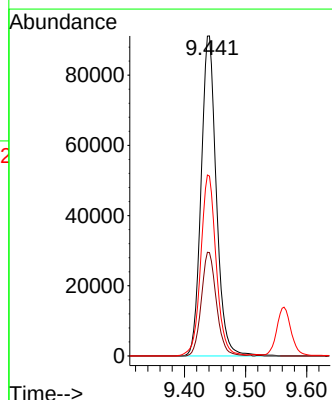
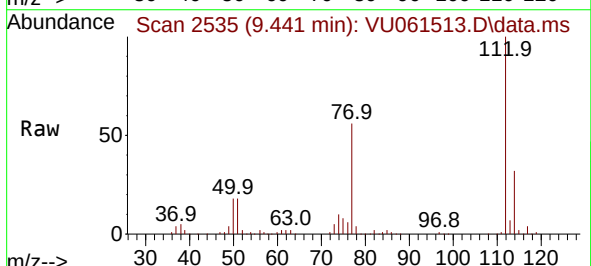
Tgt Ion:112 Resp: 157477

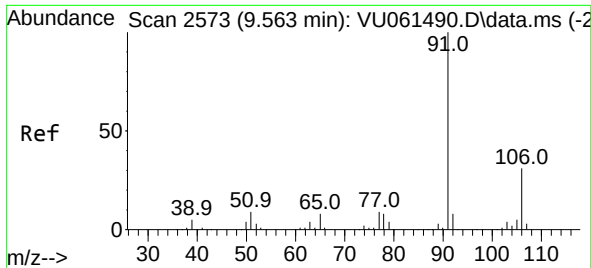
Ion Ratio Lower Upper

112 100

114 32.3 22.9 42.5

77 56.2 47.1 70.7

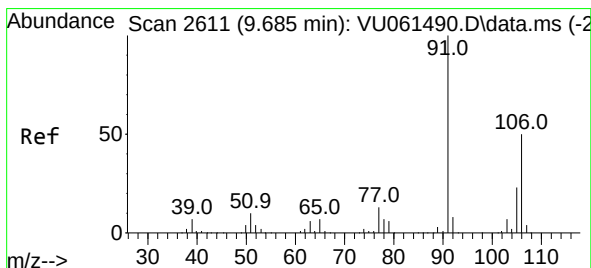
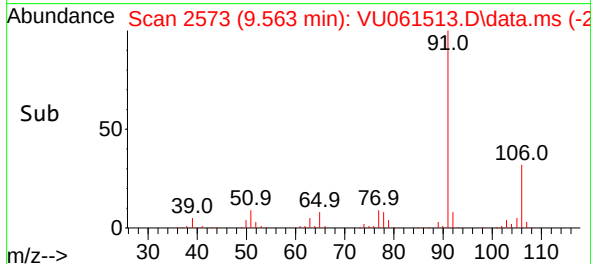
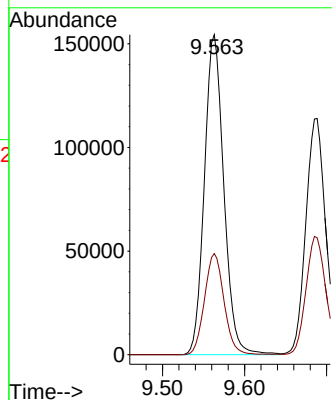
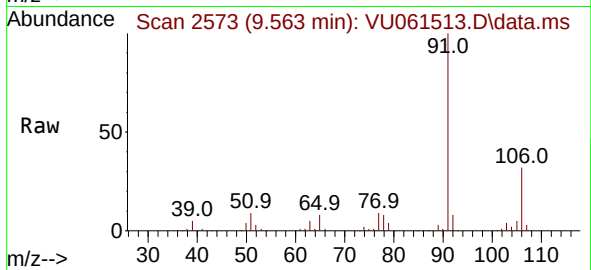




#52
Ethylbenzene
Concen: 4.697 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU061513.D
Acq: 06 Nov 2024 20:14

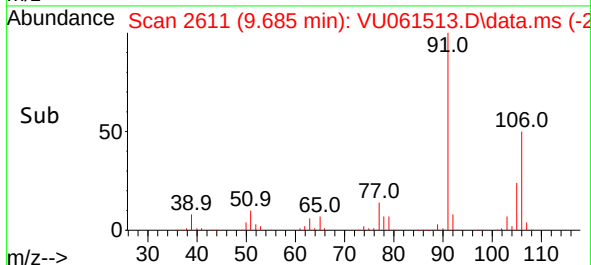
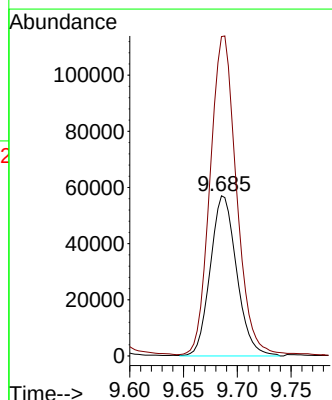
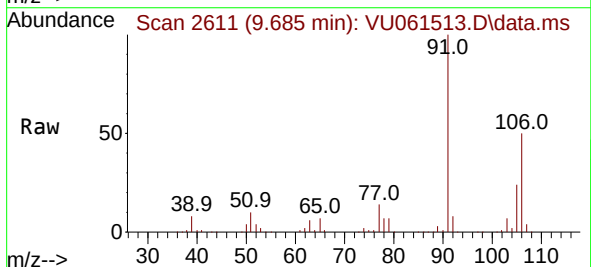
Instrument :
MSVOA_U
ClientSampleId :

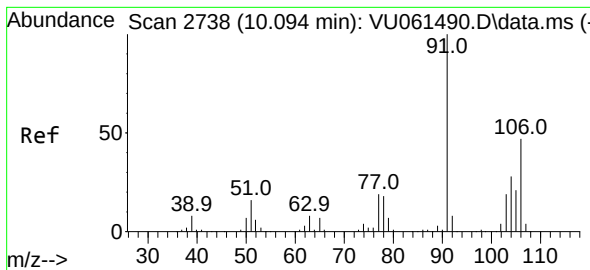
Tgt Ion: 91 Resp: 254363
Ion Ratio Lower Upper
91 100
106 31.6 22.0 41.0



#53
m,p-Xylene
Concen: 4.716 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU061513.D
Acq: 06 Nov 2024 20:14

Tgt Ion: 106 Resp: 97292
Ion Ratio Lower Upper
106 100
91 199.4 145.7 270.7

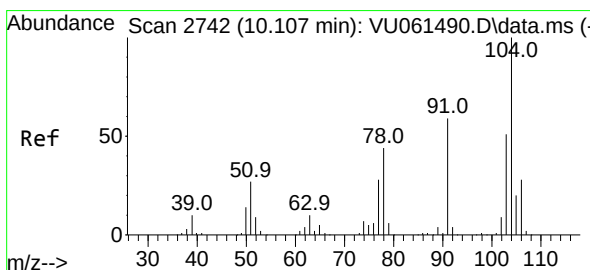
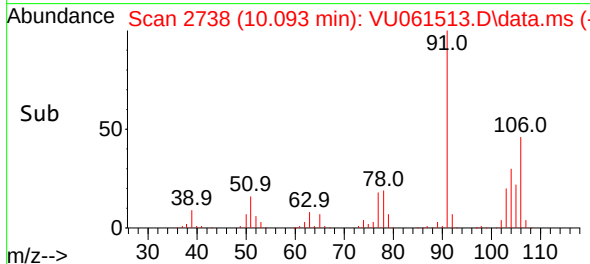
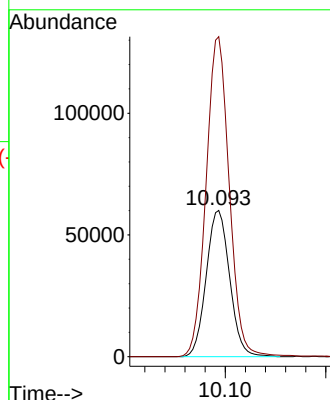
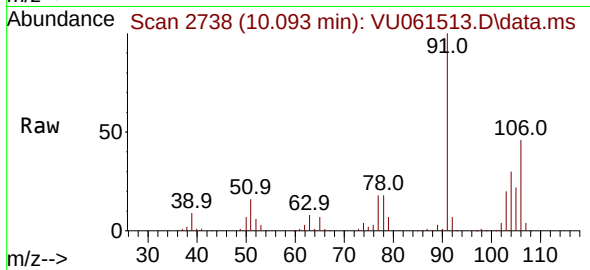




#54
o-Xylene
Concen: 4.778 ug/L
RT: 10.093 min Scan# 2738
Delta R.T. -0.000 min
Lab File: VU061513.D
Acq: 06 Nov 2024 20:14

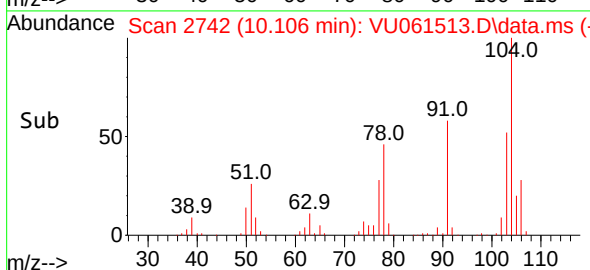
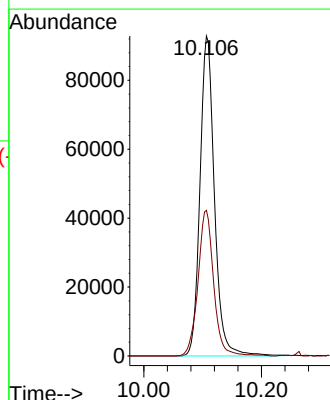
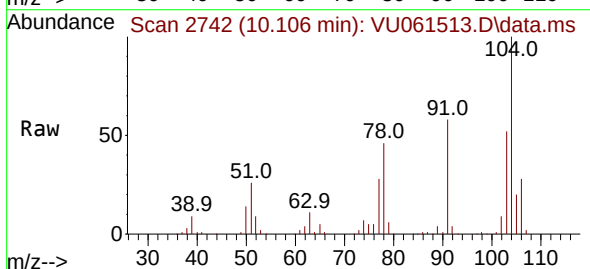
Instrument :
MSVOA_U
ClientSampleId :

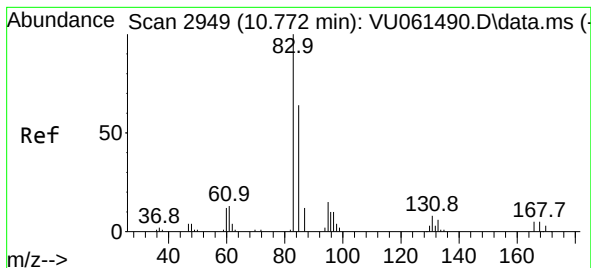
Tgt Ion:106 Resp: 97290
Ion Ratio Lower Upper
106 100
91 218.8 148.8 276.4



#55
Styrene
Concen: 4.862 ug/L
RT: 10.106 min Scan# 2742
Delta R.T. -0.000 min
Lab File: VU061513.D
Acq: 06 Nov 2024 20:14

Tgt Ion:104 Resp: 158692
Ion Ratio Lower Upper
104 100
78 45.5 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 5.686 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. -0.000 min

Lab File: VU061513.D

Acq: 06 Nov 2024 20:14

Instrument :

MSVOA_U

ClientSampleId :

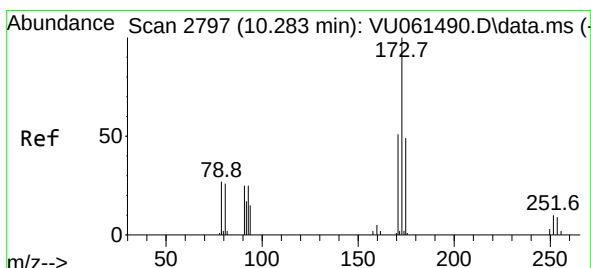
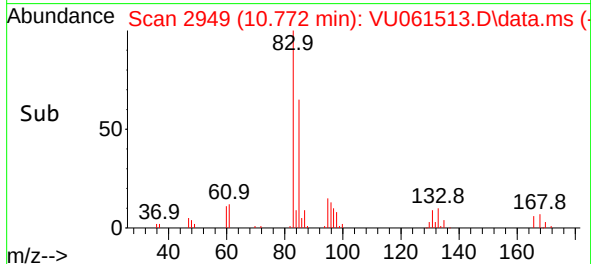
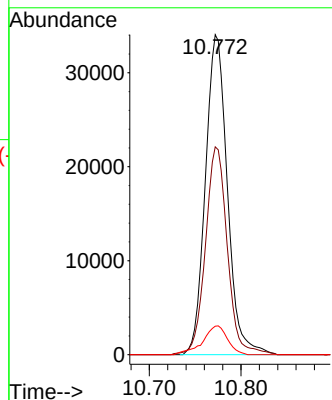
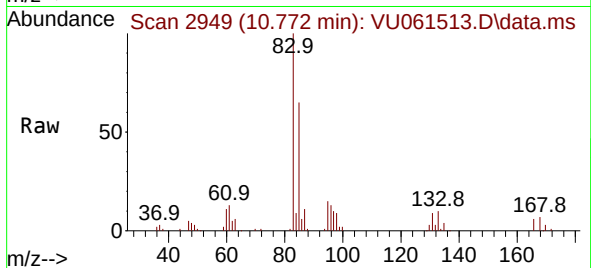
Tgt Ion: 83 Resp: 56661

Ion Ratio Lower Upper

83 100

85 64.9 45.3 84.1

131 8.9 7.6 11.4



#59

Bromoform

Concen: 4.592 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.000 min

Lab File: VU061513.D

Acq: 06 Nov 2024 20:14

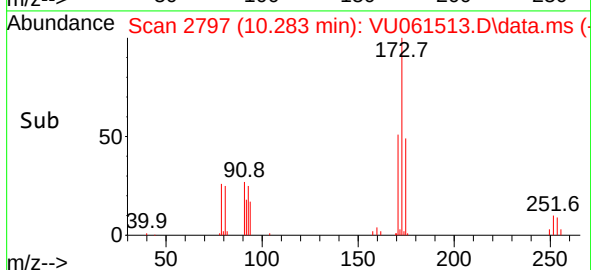
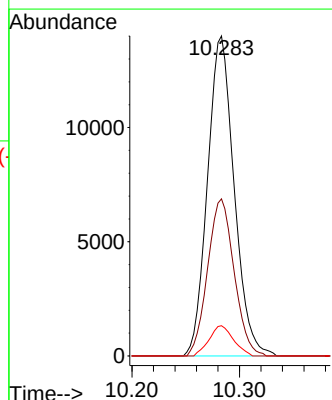
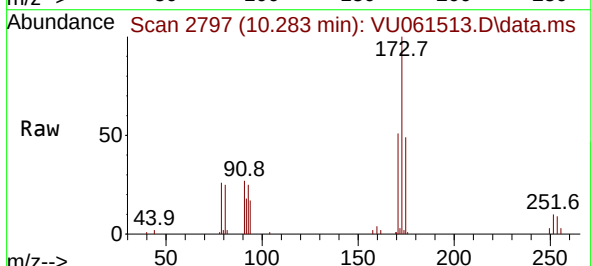
Tgt Ion:173 Resp: 24127

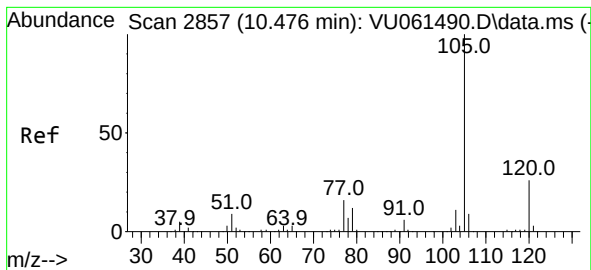
Ion Ratio Lower Upper

173 100

175 48.7 39.0 58.4

254 8.6 6.8 10.2





#60

Isopropylbenzene

Concen: 4.641 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. -0.000 min

Lab File: VU061513.D

Acq: 06 Nov 2024 20:14

Instrument :

MSVOA_U

ClientSampleId :

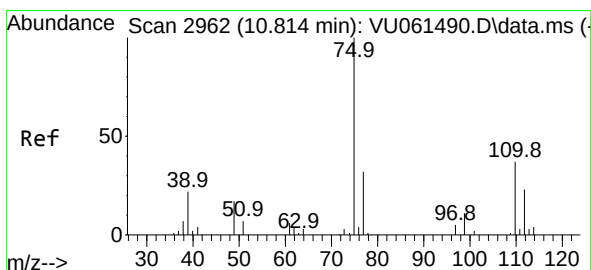
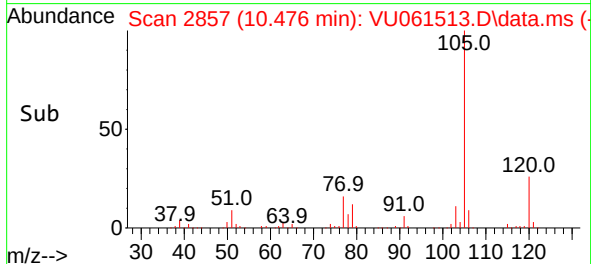
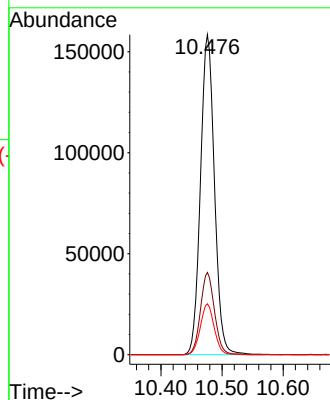
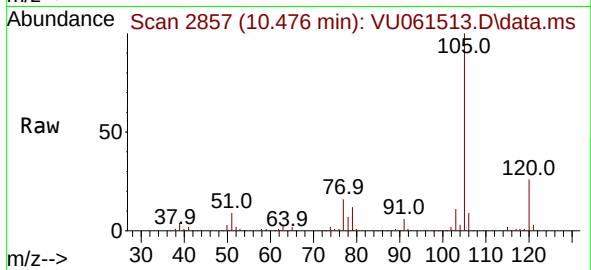
Tgt Ion:105 Resp: 251623

Ion Ratio Lower Upper

105 100

120 25.7 21.2 31.8

77 15.8 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 5.497 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. -0.000 min

Lab File: VU061513.D

Acq: 06 Nov 2024 20:14

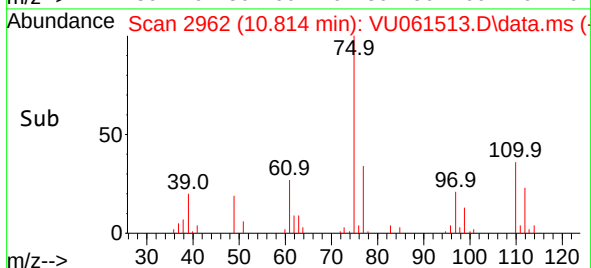
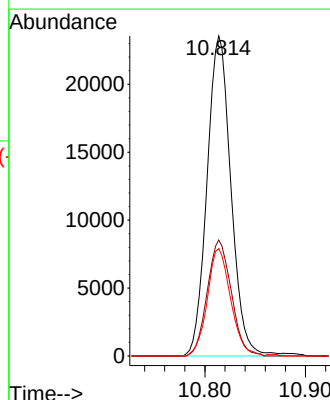
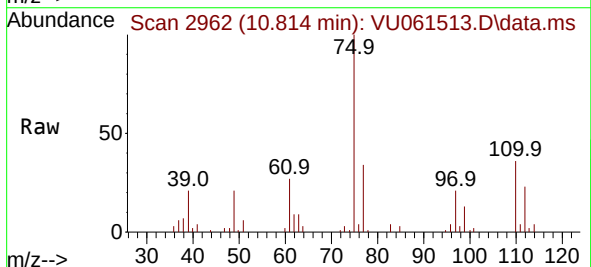
Tgt Ion: 75 Resp: 38868

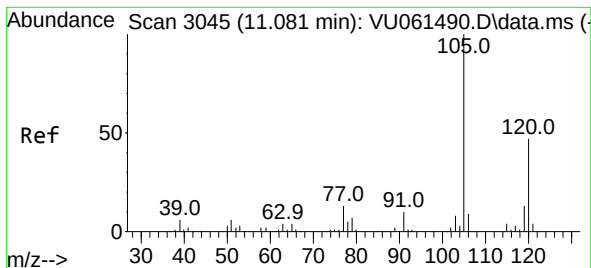
Ion Ratio Lower Upper

75 100

110 36.2 28.8 43.2

77 32.8 25.7 38.5





#62

1,3,5-Trimethylbenzene

Concen: 4.523 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. -0.000 min

Lab File: VU061513.D

Acq: 06 Nov 2024 20:14

Instrument :

MSVOA_U

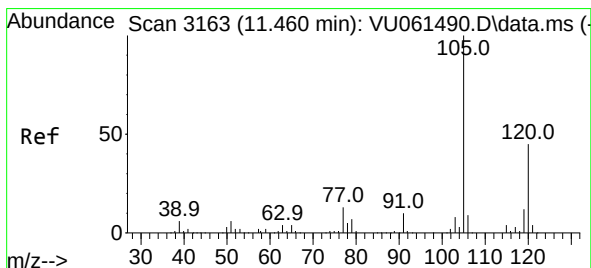
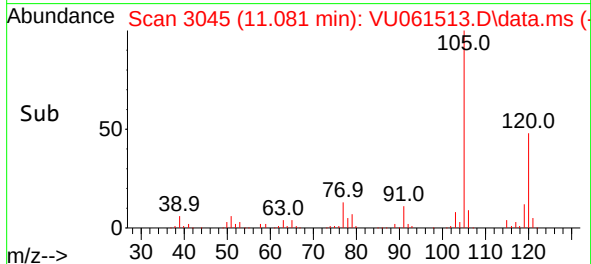
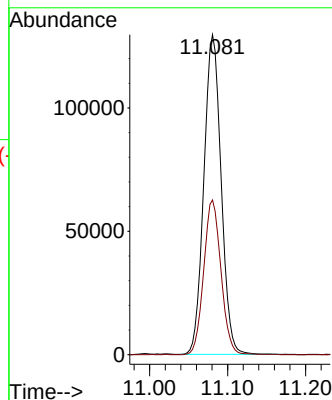
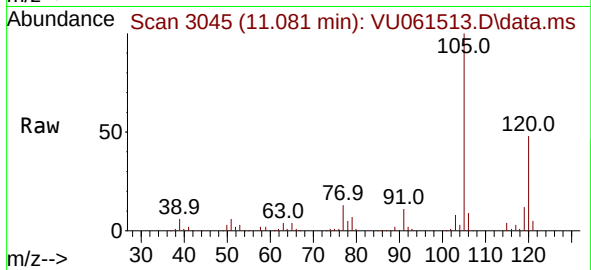
ClientSampleId :

Tgt Ion:105 Resp: 199652

Ion Ratio Lower Upper

105 100

120 48.3 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 4.578 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.000 min

Lab File: VU061513.D

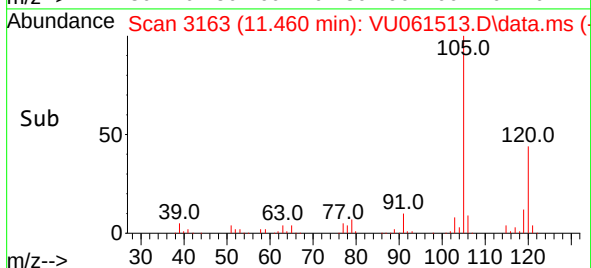
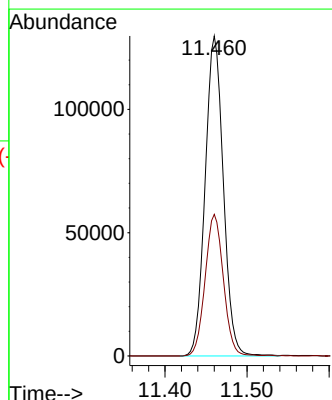
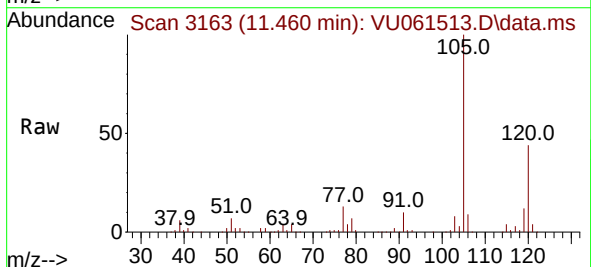
Acq: 06 Nov 2024 20:14

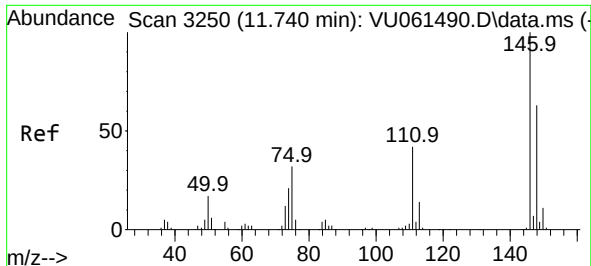
Tgt Ion:105 Resp: 199748

Ion Ratio Lower Upper

105 100

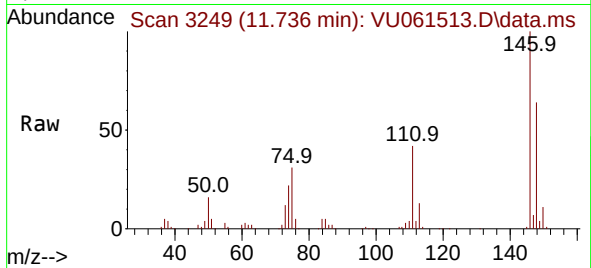
120 44.4 35.4 53.0



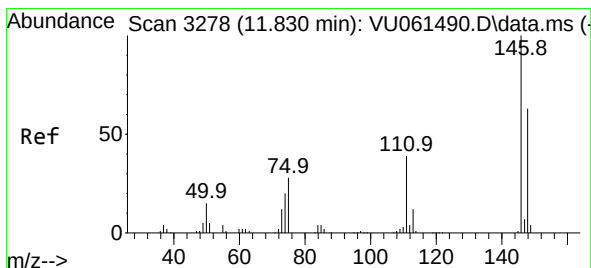
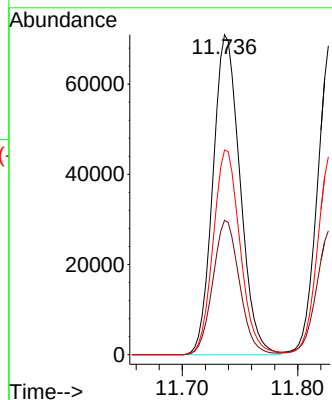
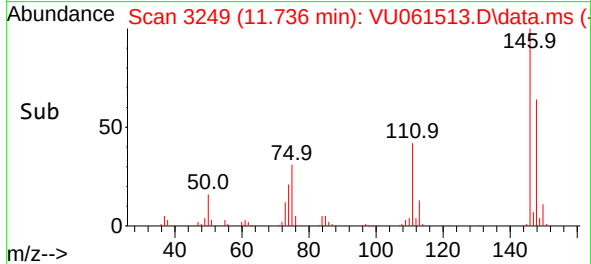


#64
1,3-Dichlorobenzene
Concen: 5.067 ug/L
RT: 11.736 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU061513.D
Acq: 06 Nov 2024 20:14

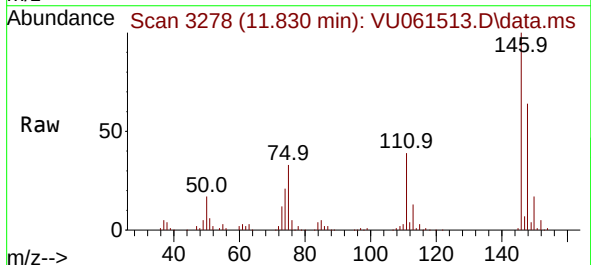
Instrument :
MSVOA_U
ClientSampleId :



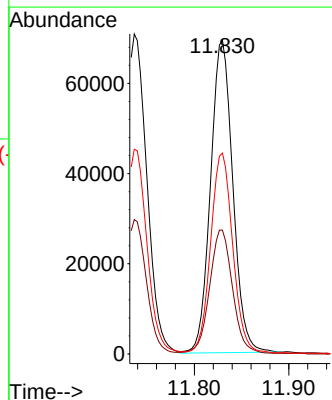
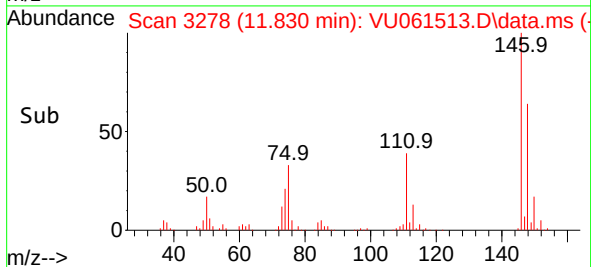
Tgt Ion:146 Resp: 115643
Ion Ratio Lower Upper
146 100
111 42.0 30.0 55.8
148 63.9 45.1 83.7

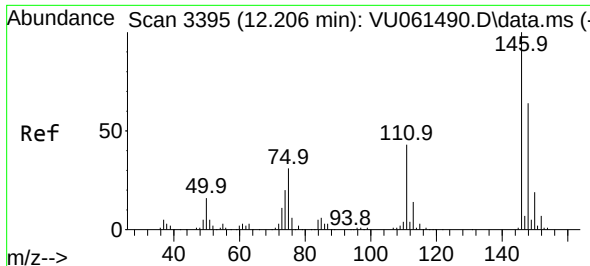


#65
1,4-Dichlorobenzene
Concen: 4.879 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VU061513.D
Acq: 06 Nov 2024 20:14



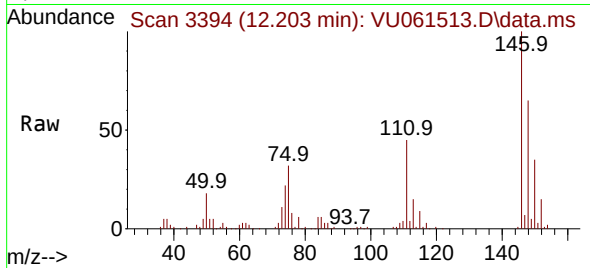
Tgt Ion:146 Resp: 113509
Ion Ratio Lower Upper
146 100
111 39.4 28.2 52.4
148 64.0 43.3 80.3



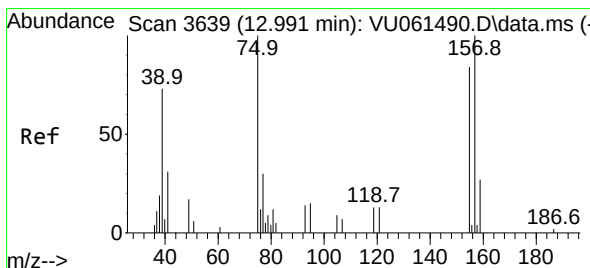
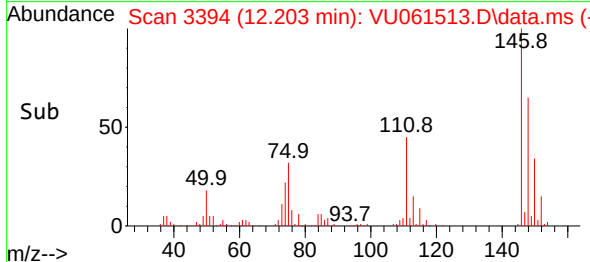
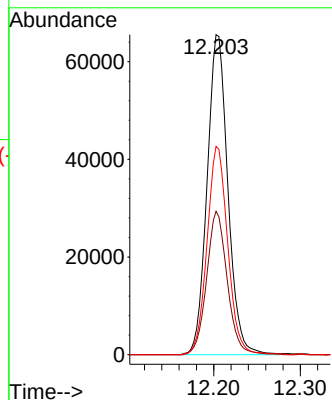


#67
1,2-Dichlorobenzene
Concen: 5.088 ug/L
RT: 12.203 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU061513.D
Acq: 06 Nov 2024 20:14

Instrument :
MSVOA_U
ClientSampleId :

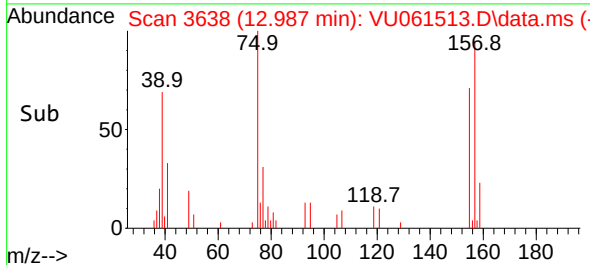
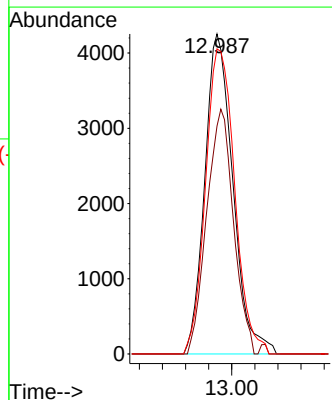
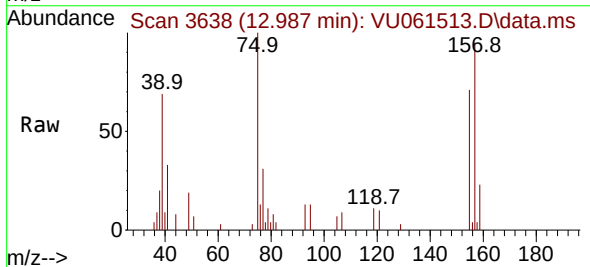


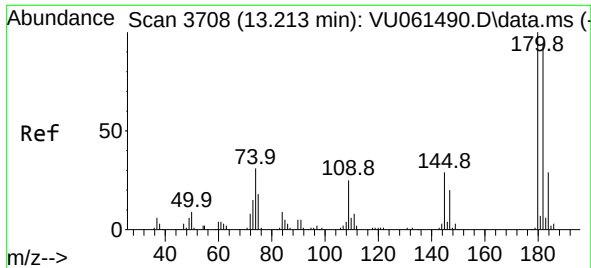
Tgt Ion:146 Resp: 109276
Ion Ratio Lower Upper
146 100
111 44.8 35.2 52.8
148 65.1 51.3 76.9



#68
1,2-Dibromo-3-chloropropane
Concen: 4.848 ug/L
RT: 12.987 min Scan# 3638
Delta R.T. -0.003 min
Lab File: VU061513.D
Acq: 06 Nov 2024 20:14

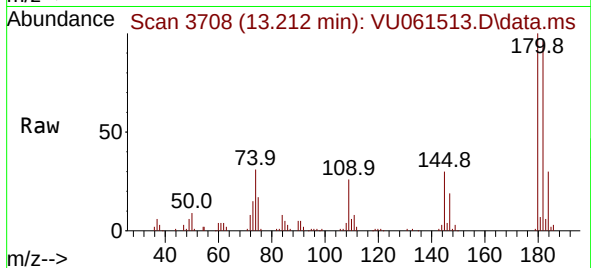
Tgt Ion: 75 Resp: 7197
Ion Ratio Lower Upper
75 100
155 71.2 69.3 103.9
157 95.3 81.4 122.2



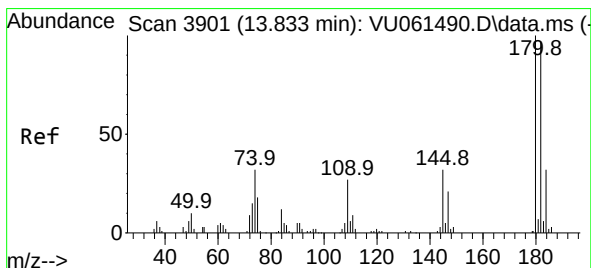
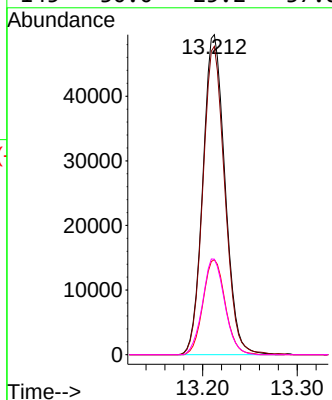
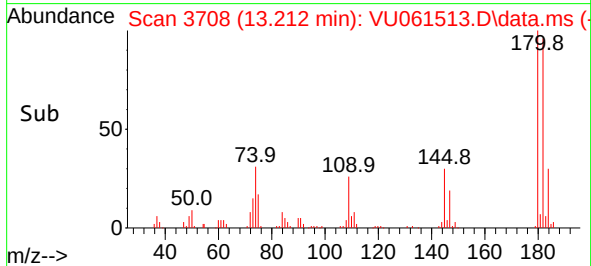


#69
1,3,5-Trichlorobenzene
Concen: 5.145 ug/L
RT: 13.212 min Scan# 3708
Delta R.T. -0.000 min
Lab File: VU061513.D
Acq: 06 Nov 2024 20:14

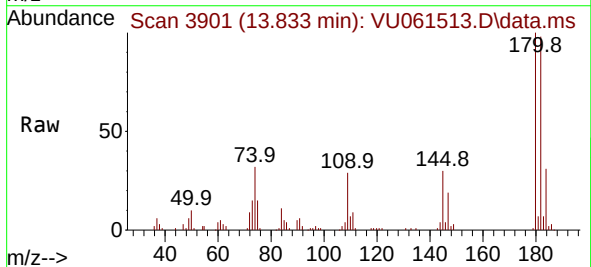
Instrument :
MSVOA_U
ClientSampleId :



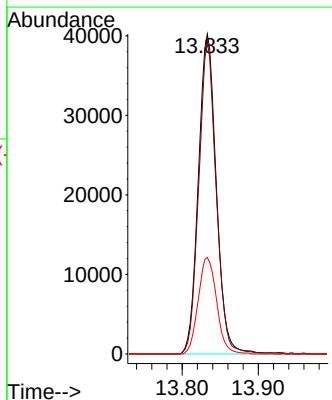
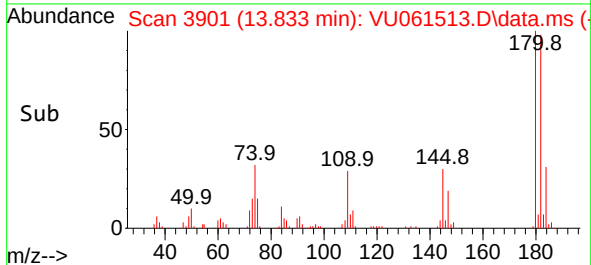
Tgt Ion:180 Resp: 80488
Ion Ratio Lower Upper
180 100
182 95.2 77.4 116.2
184 29.7 24.4 36.6
145 30.0 25.2 37.8

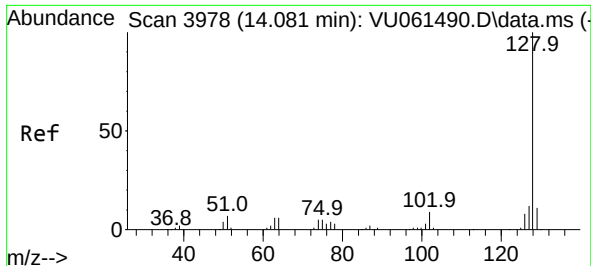


#70
1,2,4-trichlorobenzene
Concen: 5.219 ug/L
RT: 13.833 min Scan# 3901
Delta R.T. -0.000 min
Lab File: VU061513.D
Acq: 06 Nov 2024 20:14



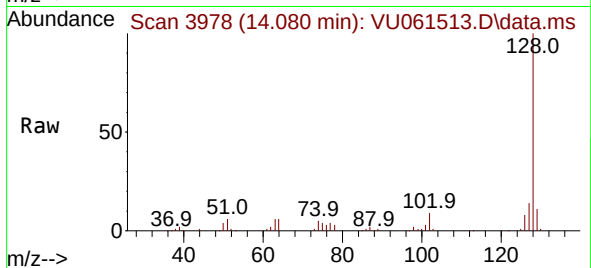
Tgt Ion:180 Resp: 65881
Ion Ratio Lower Upper
180 100
182 94.6 77.2 115.8
145 31.0 25.6 38.4



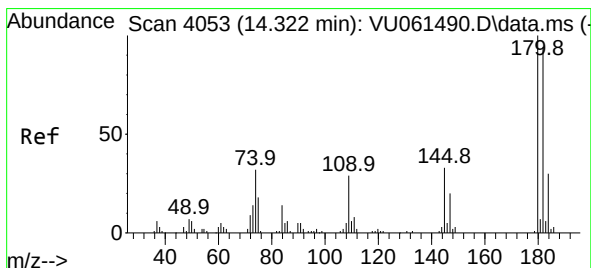
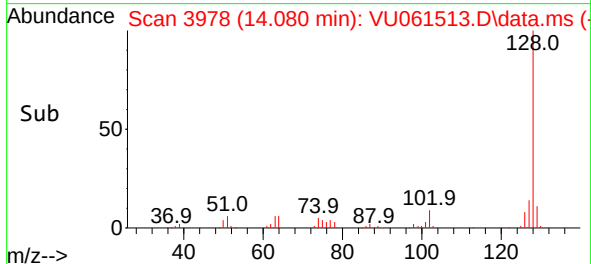
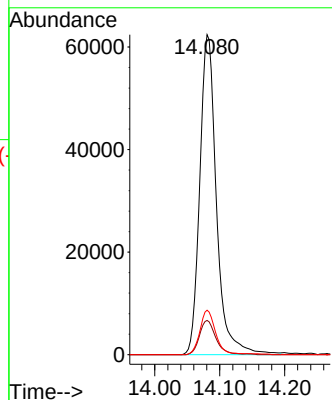


#71
Naphthalene
Concen: 5.614 ug/L
RT: 14.080 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU061513.D
Acq: 06 Nov 2024 20:14

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 111832
Ion Ratio Lower Upper
128 100
129 10.5 9.0 13.4
127 13.1 10.0 15.0



#72
1,2,3-Trichlorobenzene
Concen: 5.567 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU061513.D
Acq: 06 Nov 2024 20:14

Tgt Ion:180 Resp: 58792
Ion Ratio Lower Upper
180 100
182 93.5 76.0 114.0
145 32.4 26.5 39.7

