

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102524\
 Data File : VU061258.D
 Acq On : 26 Oct 2024 04:51
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 26 05:10:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 26 01:22:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	186325	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	169477	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	80475	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	46352	3.662	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.200%
7) Chloroethane-d5	1.907	69	40667	3.505	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.000%
11) 1,1-Dichloroethene-d2	2.560	65	19957	3.685	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.800%
20) 2-Butanone-d5	4.631	46	129004	50.201	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.400%
24) Chloroform-d	5.052	84	105917	4.409	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
26) 1,2-Dichloroethane-d4	5.692	65	53153	4.439	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
32) Benzene-d6	5.718	84	204789	4.288	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
36) 1,2-Dichloropropane-d6	6.679	67	63118	4.396	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.000%
41) Toluene-d8	7.888	98	184171	4.125	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.400%
43) trans-1,3-Dichloroprop...	8.174	79	23817	4.064	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.200%
46) 2-Hexanone-d5	8.624	63	113351	47.224	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.440%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	52112	4.800	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.000%
66) 1,2-Dichlorobenzene-d4	12.184	152	64337	4.515	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	59332	4.776	ug/L	100
3) Chloromethane	1.515	50	59586	4.549	ug/L	100
5) Vinyl chloride	1.599	62	66864	4.643	ug/L	98
6) Bromomethane	1.853	94	46251	4.846	ug/L	96
8) Chloroethane	1.930	64	43868	4.137	ug/L	97
9) Trichlorofluoromethane	2.133	101	99200	5.071	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	54434	4.686	ug/L	98
12) 1,1-Dichloroethene	2.573	96	52716	4.785	ug/L	93
13) Acetone	2.653	43	78779	48.401	ug/L	97
14) Carbon disulfide	2.785	76	165804	4.511	ug/L	98
15) Methyl Acetate	2.956	43	21392	5.308	ug/L	94
16) Methylene chloride	3.036	84	64055	4.934	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	150242	5.032	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	60731	4.986	ug/L	99
19) 1,1-Dichloroethane	3.859	63	112618	4.902	ug/L	98
21) 2-Butanone	4.711	43	134178	52.001	ug/L	98
22) cis-1,2-Dichloroethene	4.657	96	69577	5.001	ug/L	97
23) Bromochloromethane	4.968	128	30029	5.129	ug/L	94
25) Chloroform	5.078	83	118912	4.923	ug/L	100

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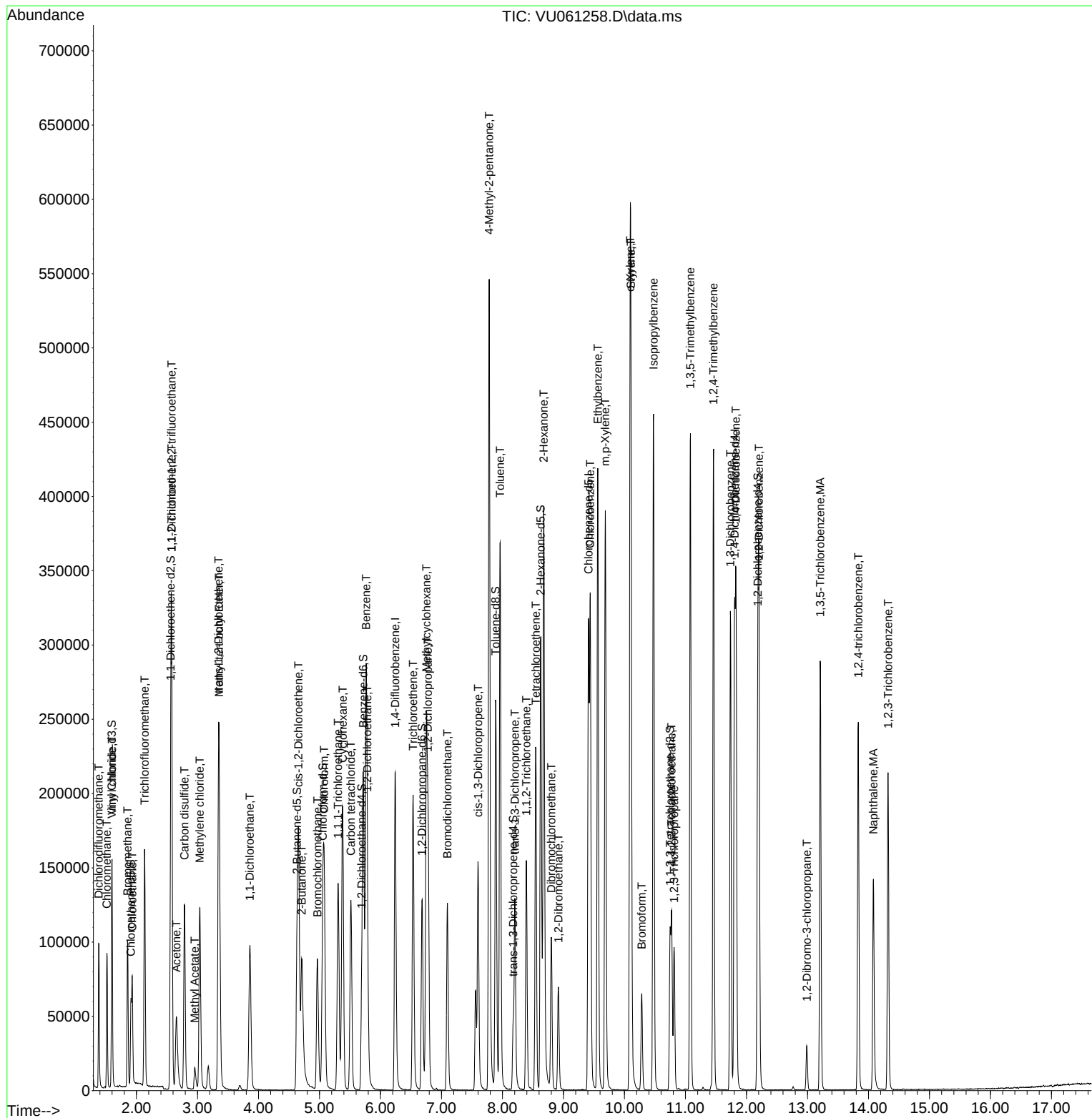
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	76961	5.042	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	101344	4.883	ug/L	99
30) Cyclohexane	5.380	56	100776	4.841	ug/L	99
31) Carbon tetrachloride	5.515	117	86204	4.854	ug/L	96
33) Benzene	5.763	78	258690	4.936	ug/L	100
34) Trichloroethene	6.534	95	69204	4.854	ug/L	98
35) Methylcyclohexane	6.753	83	105623	4.654	ug/L	99
37) 1,2-Dichloropropane	6.779	63	67040	5.046	ug/L	100
38) Bromodichloromethane	7.097	83	81896	4.871	ug/L	95
39) cis-1,3-Dichloropropene	7.599	75	96075	4.682	ug/L	97
40) 4-Methyl-2-pentanone	7.782	43	339239	51.306	ug/L	99
42) Toluene	7.962	91	281020	4.937	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	77339	4.626	ug/L	97
45) 1,1,2-Trichloroethane	8.390	97	48707	5.094	ug/L	98
47) Tetrachloroethene	8.547	164	48516	4.872	ug/L	98
48) 2-Hexanone	8.676	43	244248	52.237	ug/L	98
49) Dibromochloromethane	8.801	129	52580	4.849	ug/L	96
50) 1,2-Dibromoethane	8.917	107	45391	4.887	ug/L #	94
51) Chlorobenzene	9.438	112	178918	4.973	ug/L	98
52) Ethylbenzene	9.563	91	307123	4.905	ug/L	99
53) m,p-Xylene	9.685	106	117248	4.916	ug/L	97
54) o-Xylene	10.094	106	113500	4.822	ug/L	97
55) Styrene	10.107	104	186154	4.933	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	58717	5.097	ug/L	100
59) Bromoform	10.283	173	28609	4.803	ug/L	99
60) Isopropylbenzene	10.476	105	304886	4.959	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	40184	5.013	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	243565	4.867	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	242689	4.906	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	130488	5.043	ug/L	98
65) 1,4-Dichlorobenzene	11.827	146	129130	4.896	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	122163	5.017	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.987	75	8275	4.916	ug/L #	89
69) 1,3,5-Trichlorobenzene	13.209	180	89138	5.026	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	74440	5.201	ug/L	98
71) Naphthalene	14.081	128	123421	5.465	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	64125	5.355	ug/L	99

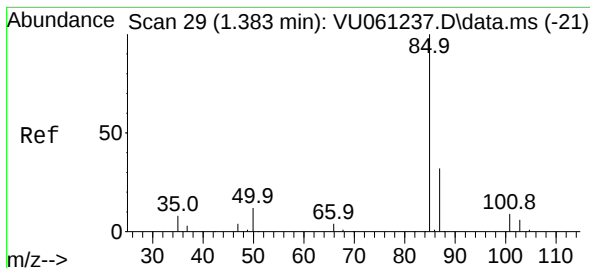
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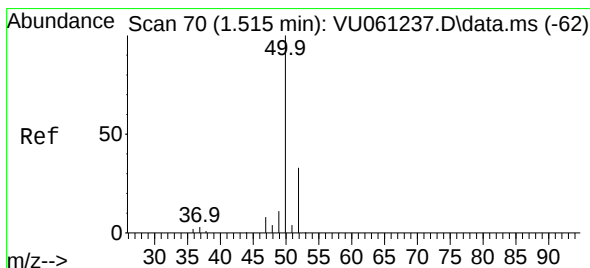
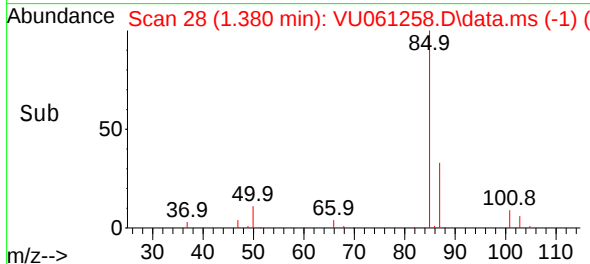
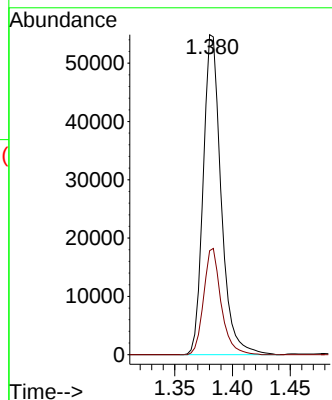
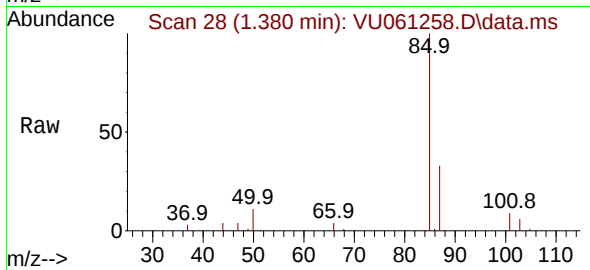




#2
 Dichlorodifluoromethane
 Concen: 4.776 ug/L
 RT: 1.380 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU061258.D
 Acq: 26 Oct 2024 04:51

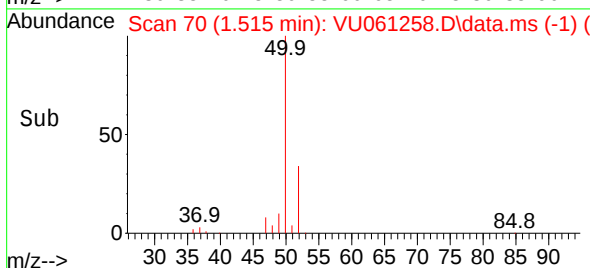
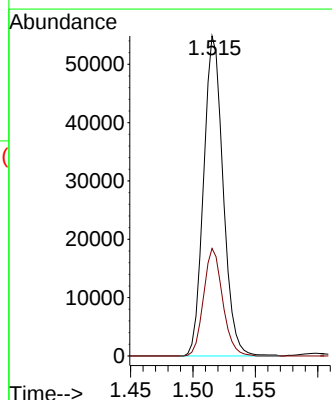
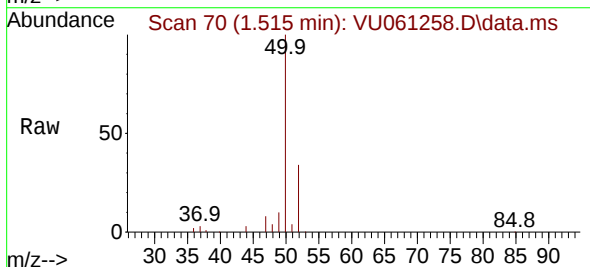
Instrument :
 MSVOA_U
 ClientSampleId :

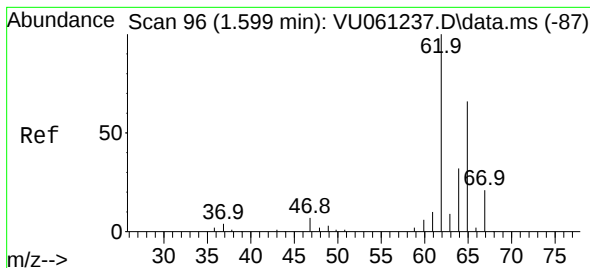
Tgt Ion: 85 Resp: 59332
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.7 38.5



#3
 Chloromethane
 Concen: 4.549 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU061258.D
 Acq: 26 Oct 2024 04:51

Tgt Ion: 50 Resp: 59586
 Ion Ratio Lower Upper
 50 100
 52 33.6 23.4 43.4





#5

Vinyl chloride

Concen: 4.643 ug/L

RT: 1.599 min Scan# 96

Delta R.T. 0.000 min

Lab File: VU061258.D

Acq: 26 Oct 2024 04:51

Instrument :

MSVOA_U

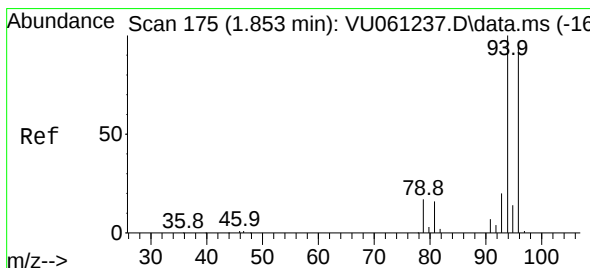
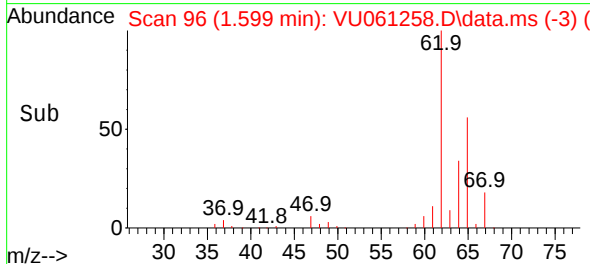
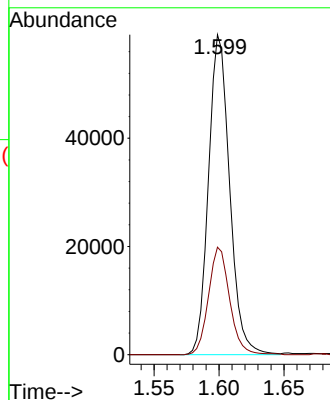
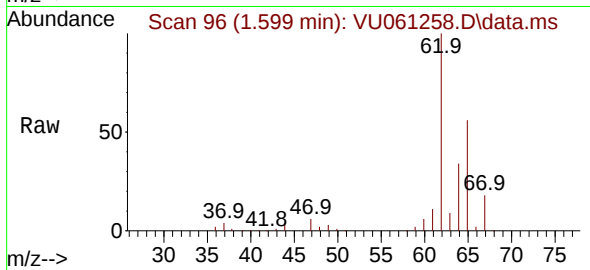
ClientSampleId :

Tgt Ion: 62 Resp: 66864

Ion Ratio Lower Upper

62 100

64 33.6 22.6 42.0



#6

Bromomethane

Concen: 4.846 ug/L

RT: 1.853 min Scan# 175

Delta R.T. 0.000 min

Lab File: VU061258.D

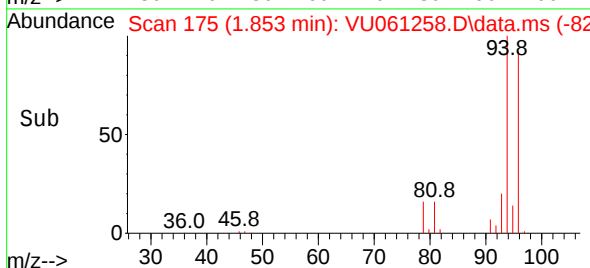
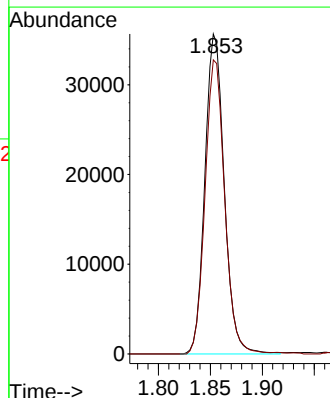
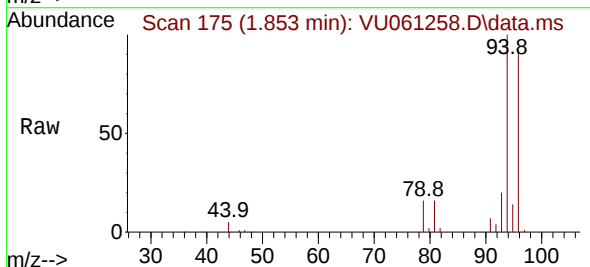
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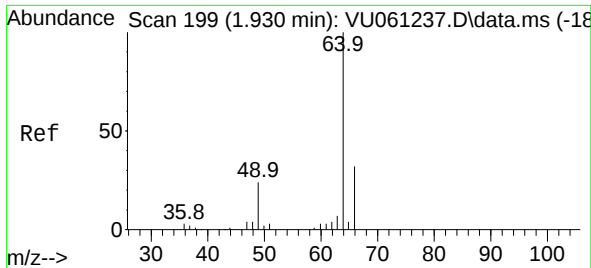
Tgt Ion: 94 Resp: 46251

Ion Ratio Lower Upper

94 100

96 91.9 66.9 124.3

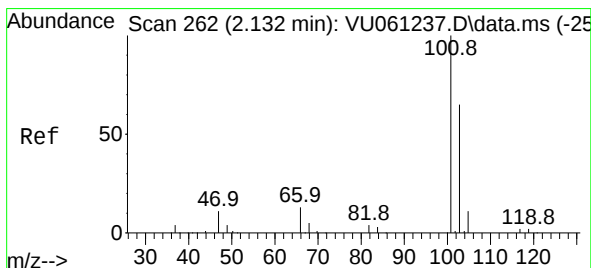
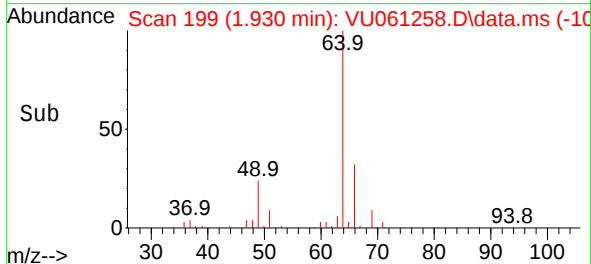
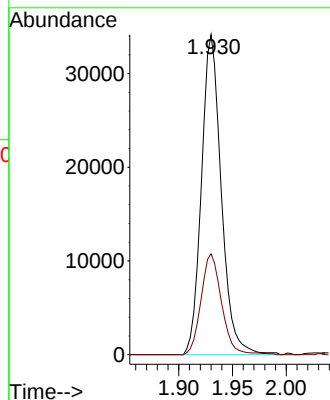
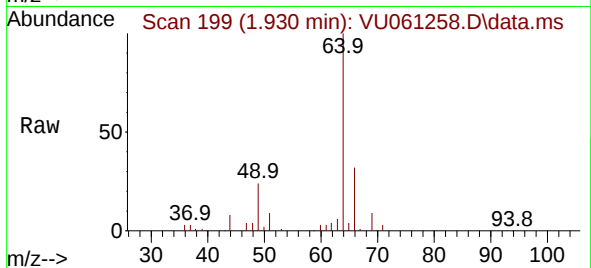




#8
Chloroethane
Concen: 4.137 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU061258.D
Acq: 26 Oct 2024 04:51

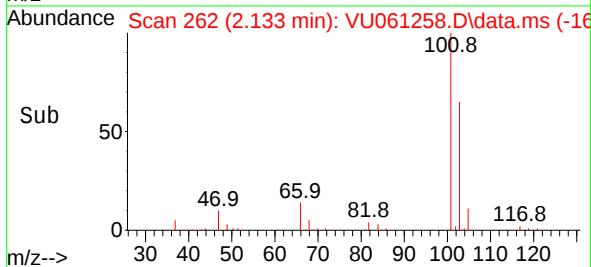
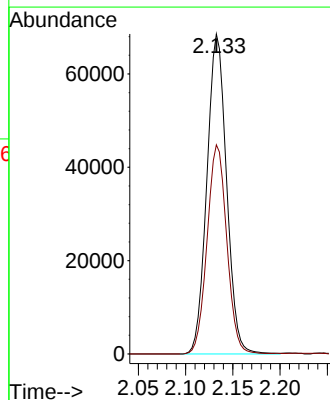
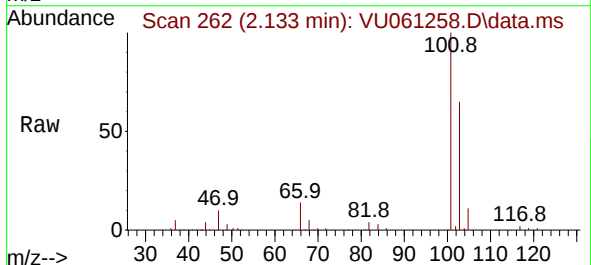
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MSVOA_U
ClientSampleId :

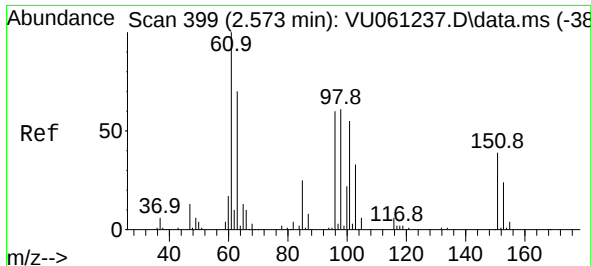
Tgt Ion: 64 Resp: 43868
Ion Ratio Lower Upper
64 100
66 31.5 23.1 42.9



#9
Trichlorofluoromethane
Concen: 5.071 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU061258.D
Acq: 26 Oct 2024 04:51

Tgt Ion:101 Resp: 99200
Ion Ratio Lower Upper
101 100
103 65.4 50.6 75.8

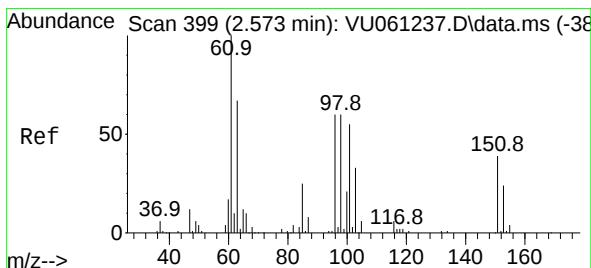
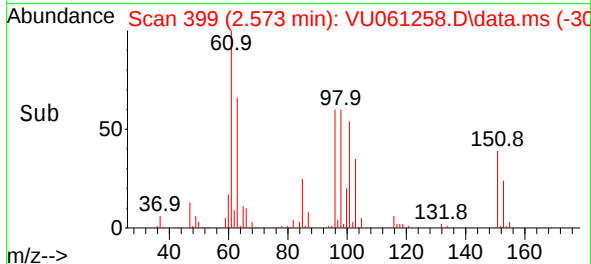
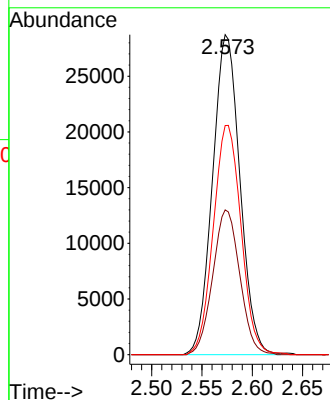
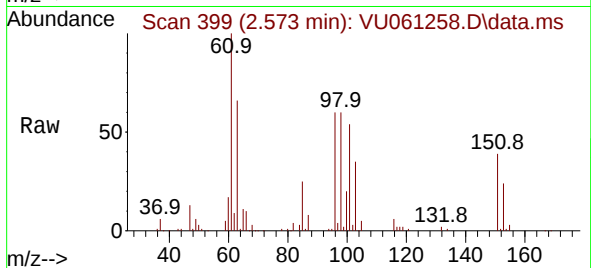




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.686 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU061258.D
 Acq: 26 Oct 2024 04:51

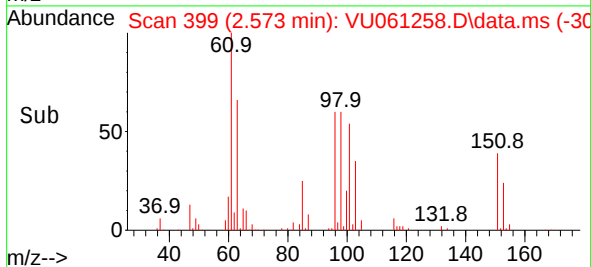
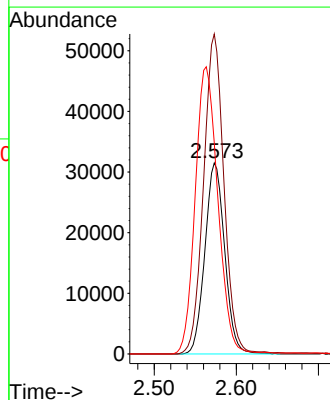
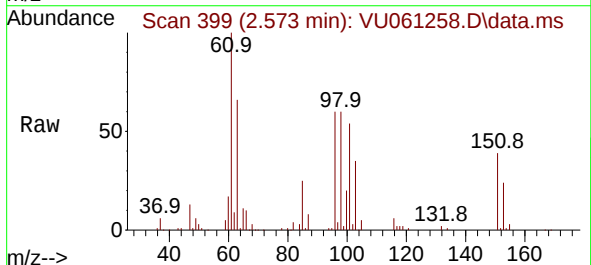
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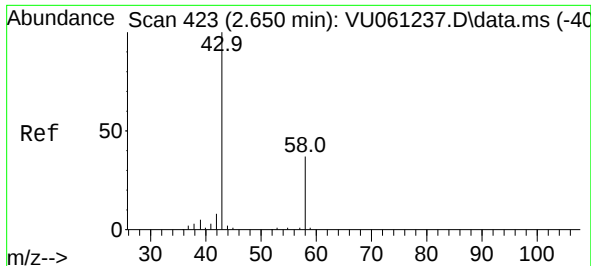
Tgt Ion:101 Resp: 54434
 Ion Ratio Lower Upper
 101 100
 85 44.6 35.6 53.4
 151 72.7 55.9 83.9



#12
 1,1-Dichloroethene
 Concen: 4.785 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU061258.D
 Acq: 26 Oct 2024 04:51

Tgt Ion: 96 Resp: 52716
 Ion Ratio Lower Upper
 96 100
 61 167.5 119.1 221.1
 63 110.5 89.4 166.0





#13

Acetone

Concen: 48.401 ug/L

RT: 2.653 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU061258.D

Acq: 26 Oct 2024 04:51

Instrument :

MSVOA_U

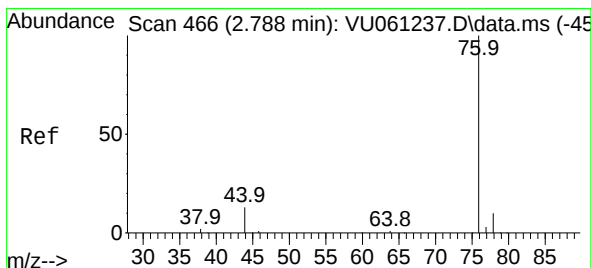
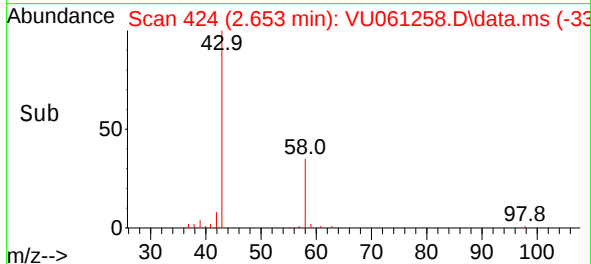
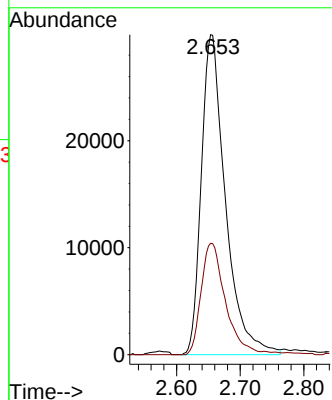
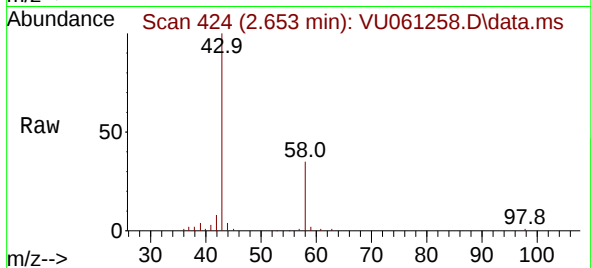
ClientSampleId :

Tgt Ion: 43 Resp: 78779

Ion Ratio Lower Upper

43 100

58 34.7 0.0 73.2



#14

Carbon disulfide

Concen: 4.511 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.003 min

Lab File: VU061258.D

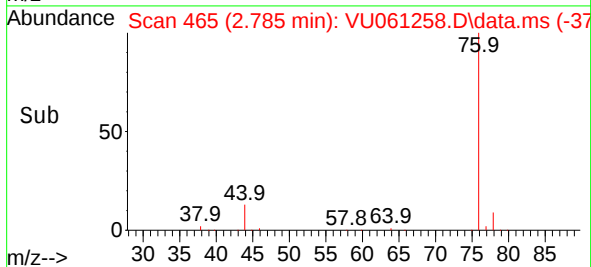
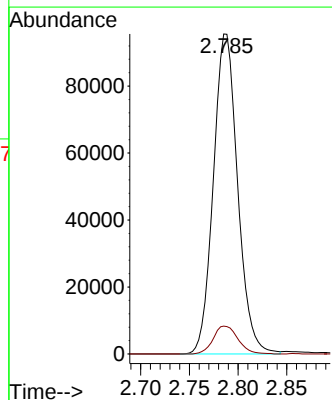
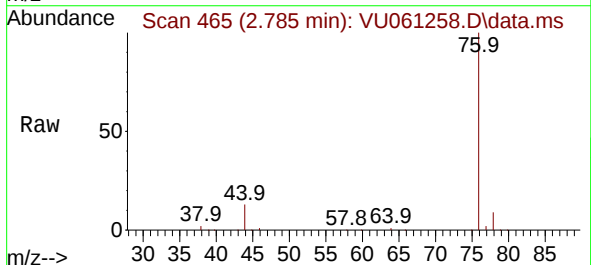
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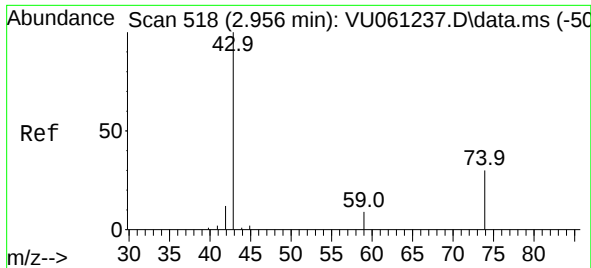
Tgt Ion: 76 Resp: 165804

Ion Ratio Lower Upper

76 100

78 8.7 7.4 11.2

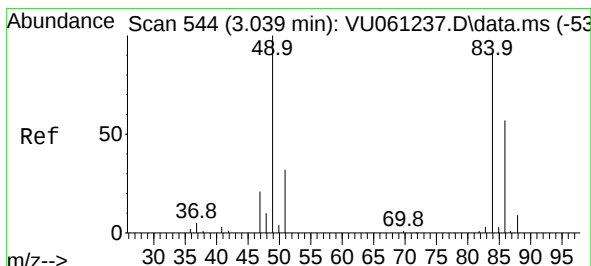
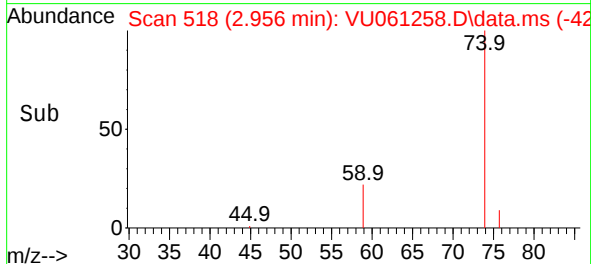
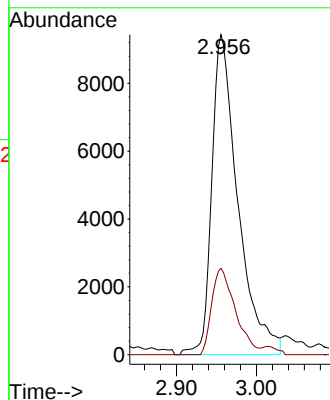
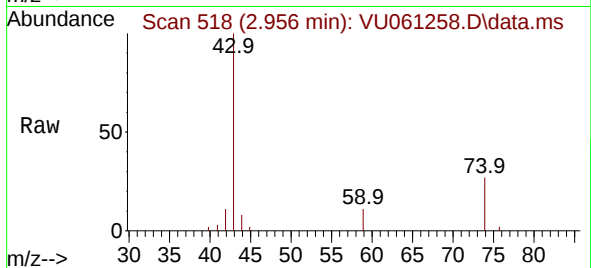




#15
Methyl Acetate
Concen: 5.308 ug/L
RT: 2.956 min Scan# 518
Delta R.T. 0.000 min
Lab File: VU061258.D
Acq: 26 Oct 2024 04:51

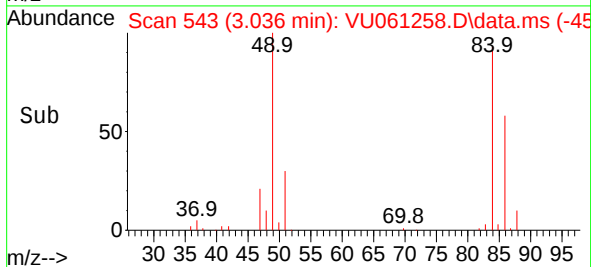
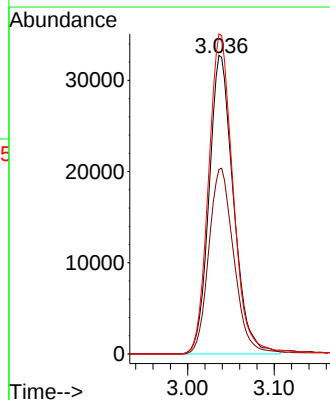
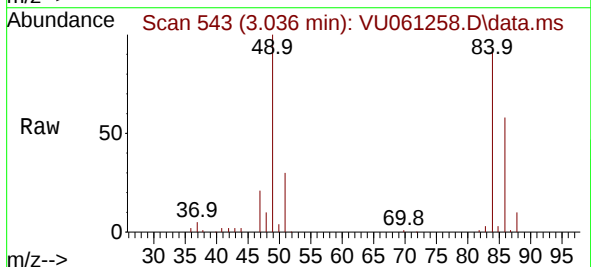
Instrument :
MSVOA_U
ClientSampleId :

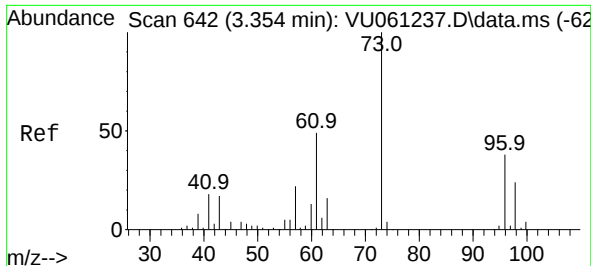
Tgt Ion: 43 Resp: 21392
Ion Ratio Lower Upper
43 100
74 24.4 22.2 33.4



#16
Methylene chloride
Concen: 4.934 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.003 min
Lab File: VU061258.D
Acq: 26 Oct 2024 04:51

Tgt Ion: 84 Resp: 64055
Ion Ratio Lower Upper
84 100
86 61.8 43.5 80.7
49 107.2 75.7 140.7

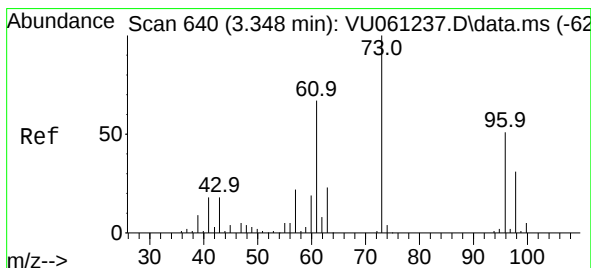
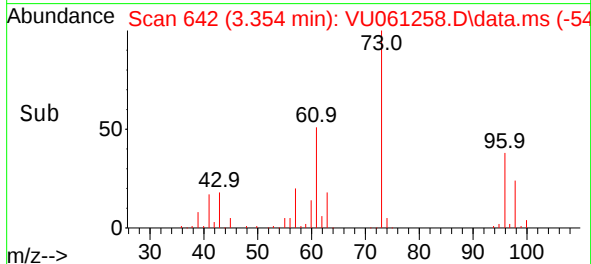
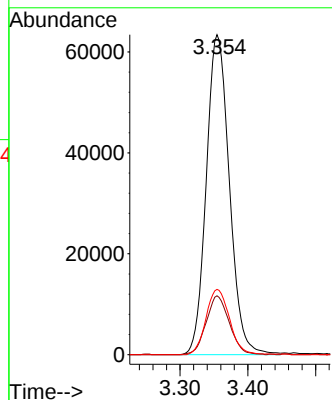
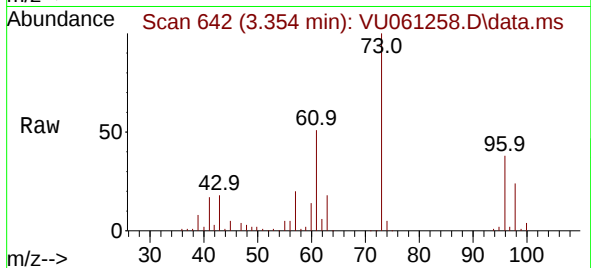




#17
Methyl tert-butyl Ether
Concen: 5.032 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU061258.D
Acq: 26 Oct 2024 04:51

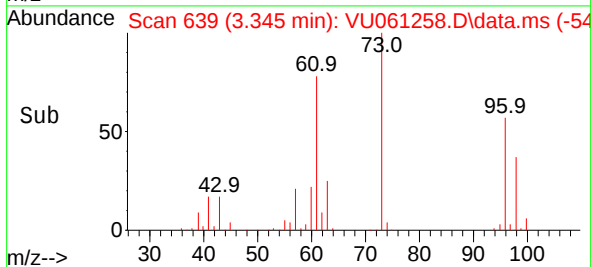
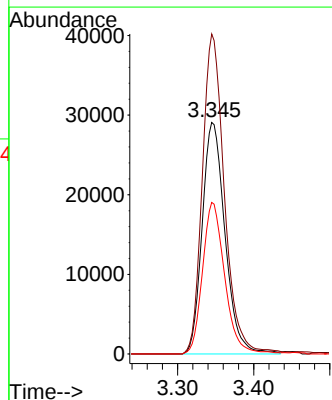
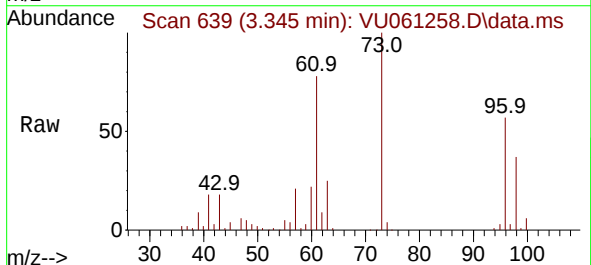
Instrument :
MSVOA_U
ClientSampleId :

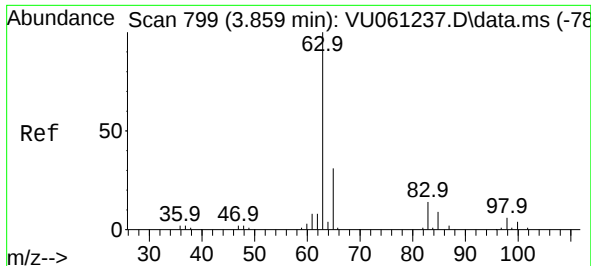
Tgt Ion: 73 Resp: 150242
Ion Ratio Lower Upper
73 100
43 18.5 15.0 22.4
57 20.8 17.0 25.6



#18
trans-1,2-Dichloroethene
Concen: 4.986 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU061258.D
Acq: 26 Oct 2024 04:51

Tgt Ion: 96 Resp: 60731
Ion Ratio Lower Upper
96 100
61 138.2 97.9 181.7
98 65.4 46.2 85.8

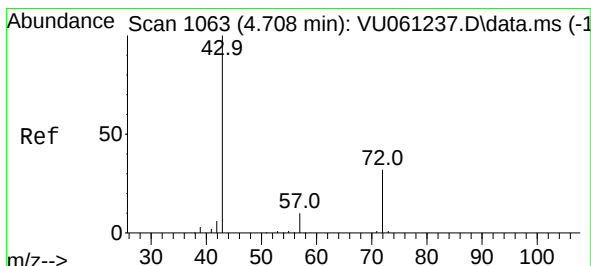
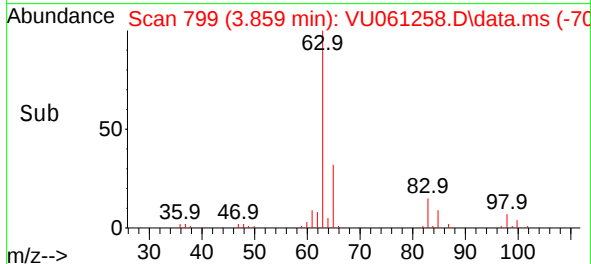
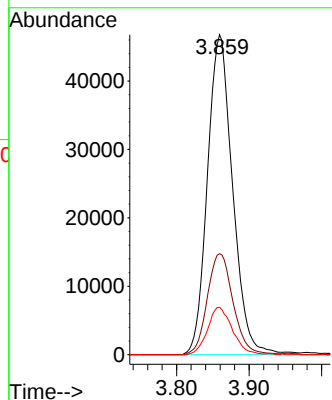
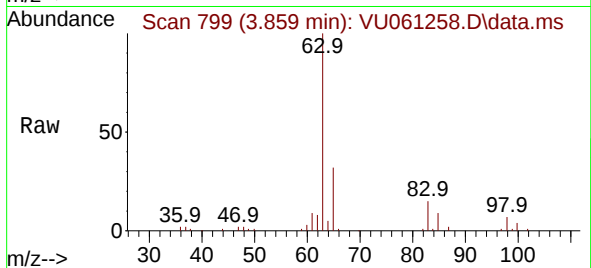




#19
1,1-Dichloroethane
Concen: 4.902 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU061258.D
Acq: 26 Oct 2024 04:51

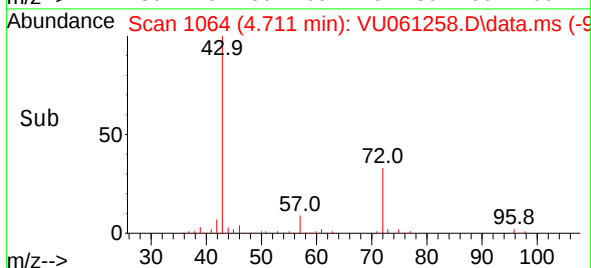
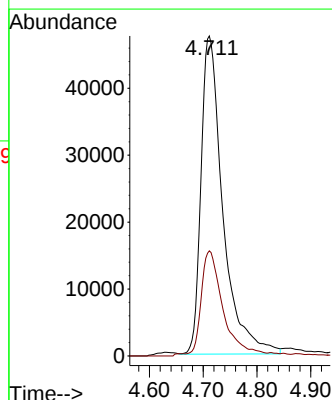
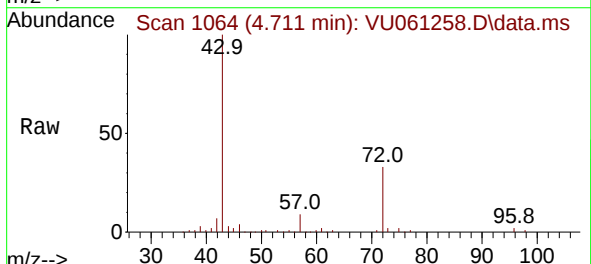
Instrument :
MSVOA_U
ClientSampleId :

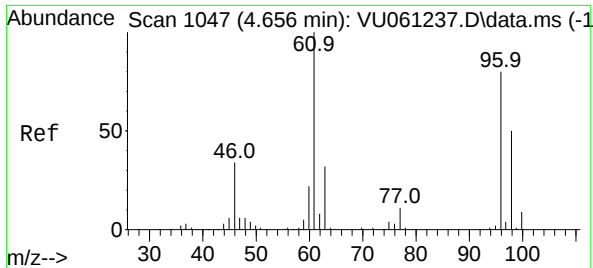
Tgt Ion: 63 Resp: 112618
Ion Ratio Lower Upper
63 100
65 31.6 23.0 42.6
83 14.8 9.7 17.9



#21
2-Butanone
Concen: 52.001 ug/L
RT: 4.711 min Scan# 1064
Delta R.T. 0.003 min
Lab File: VU061258.D
Acq: 26 Oct 2024 04:51

Tgt Ion: 43 Resp: 134178
Ion Ratio Lower Upper
43 100
72 30.8 15.9 47.6

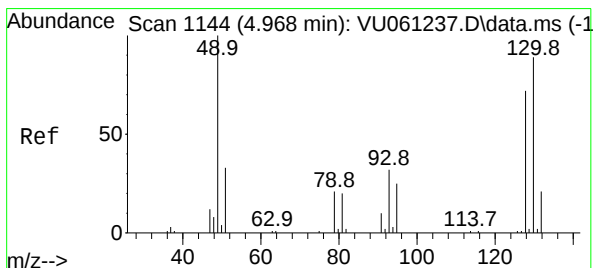
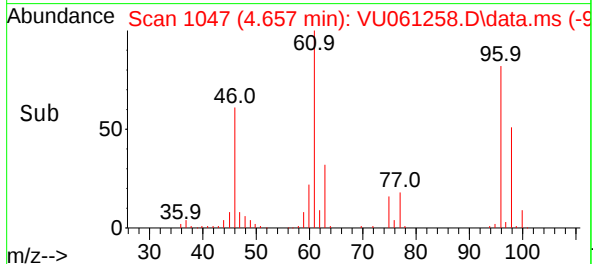
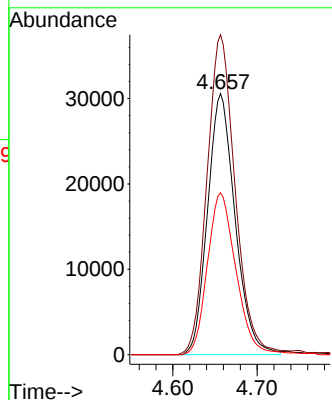
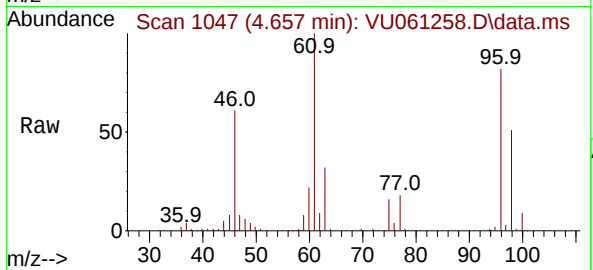




#22
cis-1,2-Dichloroethene
Concen: 5.001 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. 0.000 min
Lab File: VU061258.D
Acq: 26 Oct 2024 04:51

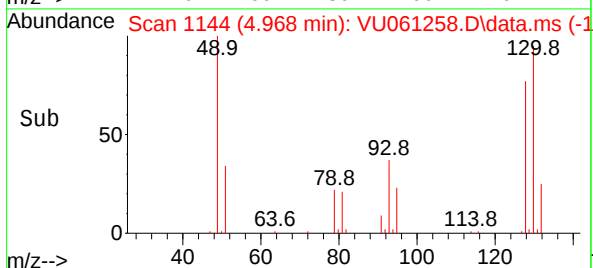
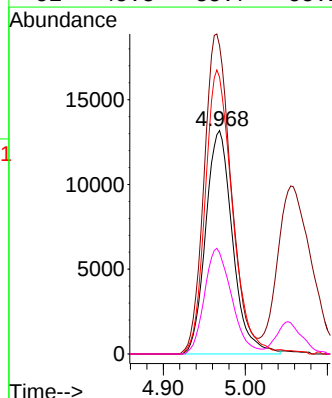
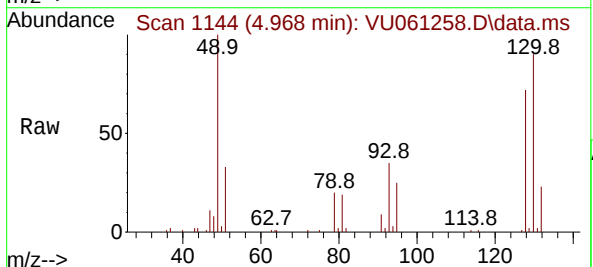
Instrument :
MSVOA_U
ClientSampleId :

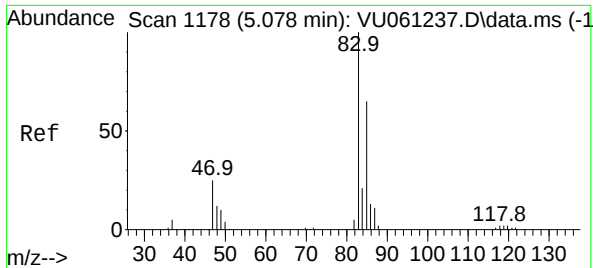
Tgt Ion: 96 Resp: 69577
Ion Ratio Lower Upper
96 100
61 122.5 88.1 163.5
98 62.0 45.0 83.6



#23
Bromochloromethane
Concen: 5.129 ug/L
RT: 4.968 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VU061258.D
Acq: 26 Oct 2024 04:51

Tgt Ion:128 Resp: 30029
Ion Ratio Lower Upper
128 100
49 138.0 105.1 195.1
130 123.9 89.6 166.4
51 45.3 38.7 58.1

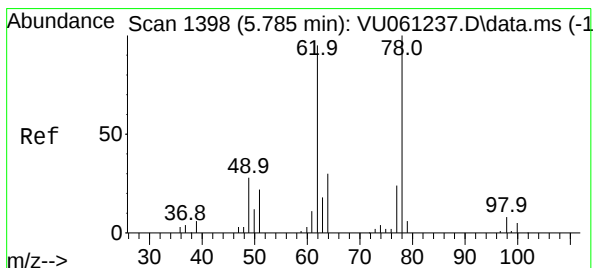
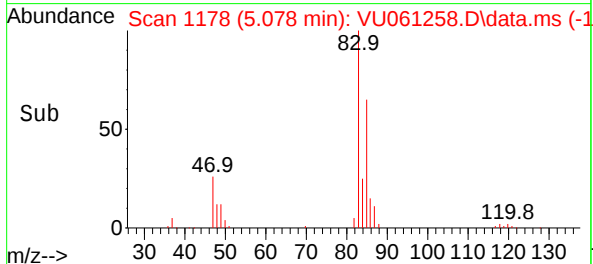
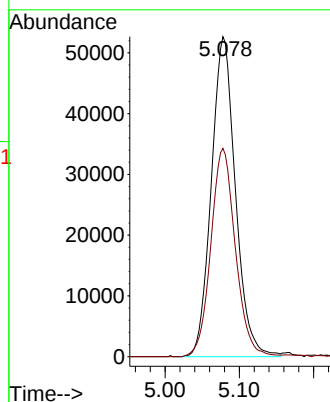
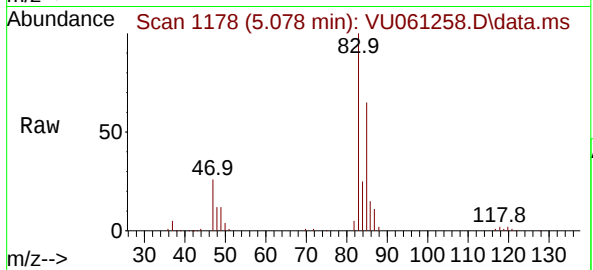




#25
Chloroform
Concen: 4.923 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VU061258.D
Acq: 26 Oct 2024 04:51

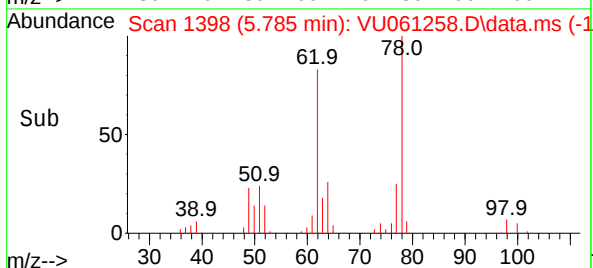
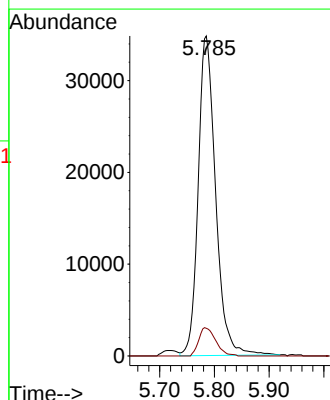
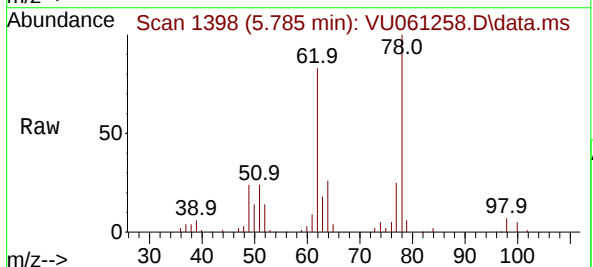
Instrument :
MSVOA_U
ClientSampleId :

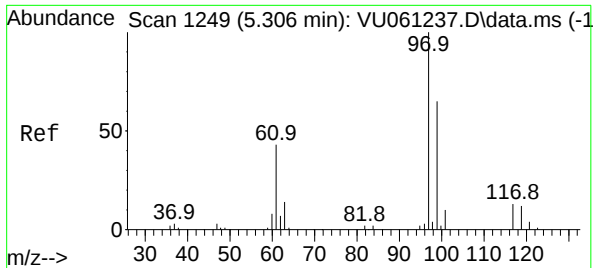
Tgt Ion: 83 Resp: 118912
Ion Ratio Lower Upper
83 100
85 65.1 45.6 84.6



#27
1,2-Dichloroethane
Concen: 5.042 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VU061258.D
Acq: 26 Oct 2024 04:51

Tgt Ion: 62 Resp: 76961
Ion Ratio Lower Upper
62 100
98 8.7 7.4 11.0

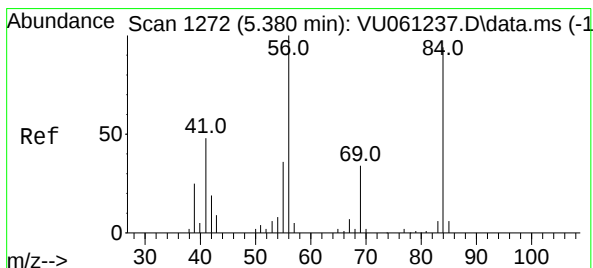
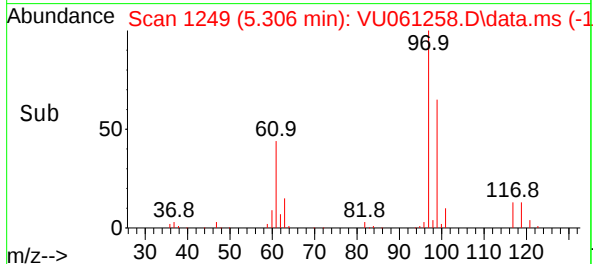
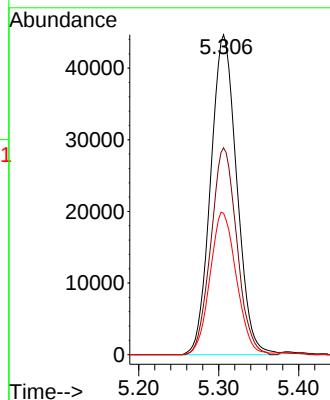
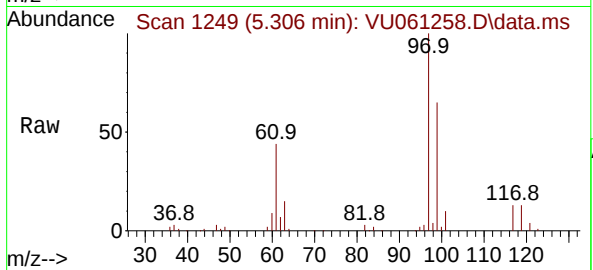




#29
1,1,1-Trichloroethane
Concen: 4.883 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU061258.D
Acq: 26 Oct 2024 04:51

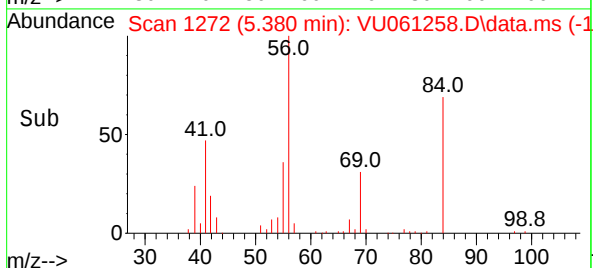
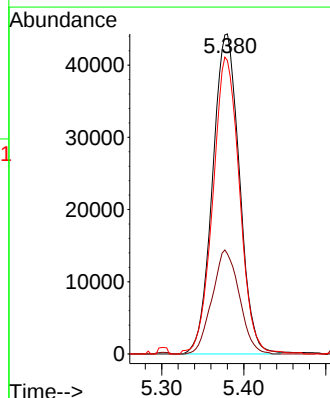
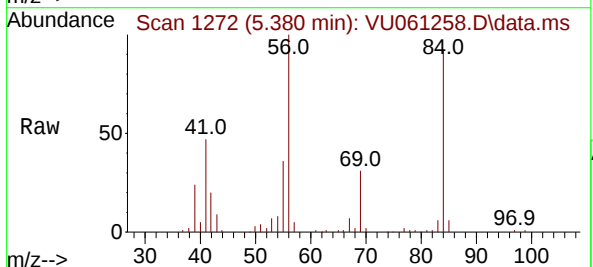
Instrument :
MSVOA_U
ClientSampleId :

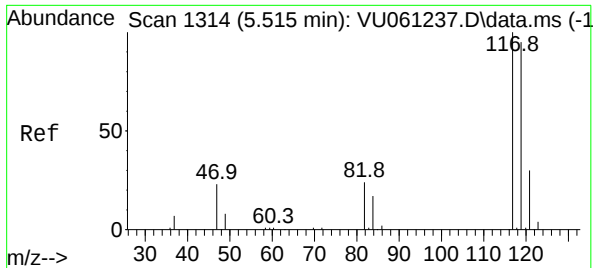
Tgt Ion: 97 Resp: 101344
Ion Ratio Lower Upper
97 100
99 64.2 50.8 76.2
61 44.9 36.1 54.1



#30
Cyclohexane
Concen: 4.841 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU061258.D
Acq: 26 Oct 2024 04:51

Tgt Ion: 56 Resp: 100776
Ion Ratio Lower Upper
56 100
69 32.8 25.8 38.6
84 92.1 73.9 110.9

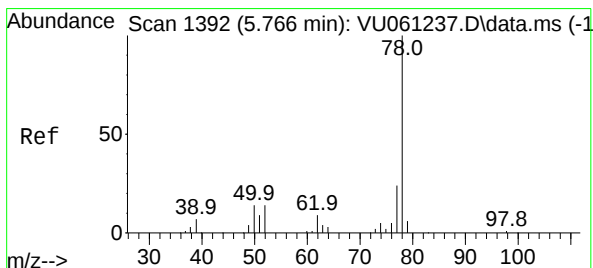
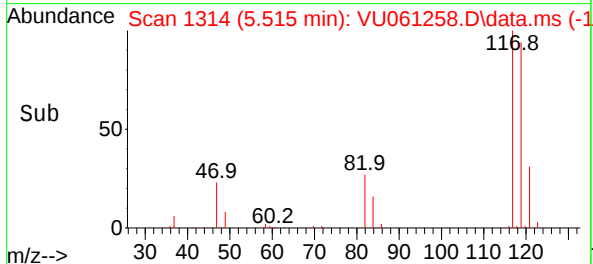
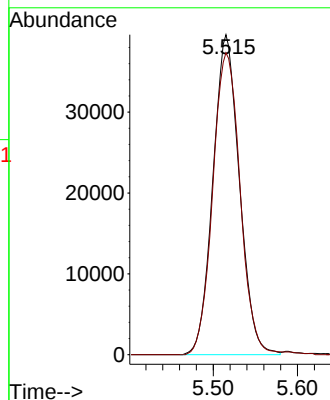
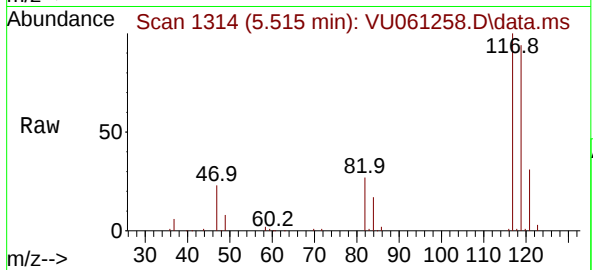




#31
Carbon tetrachloride
Concen: 4.854 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VU061258.D
Acq: 26 Oct 2024 04:51

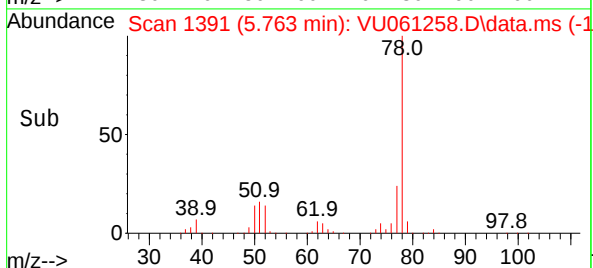
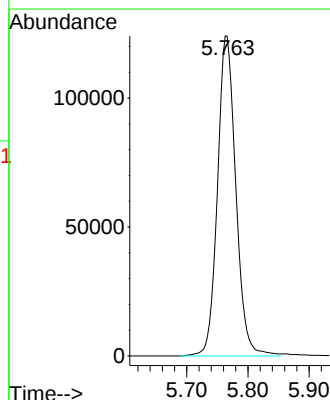
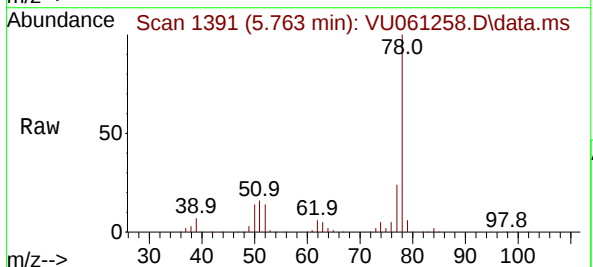
Instrument :
MSVOA_U
ClientSampleId :

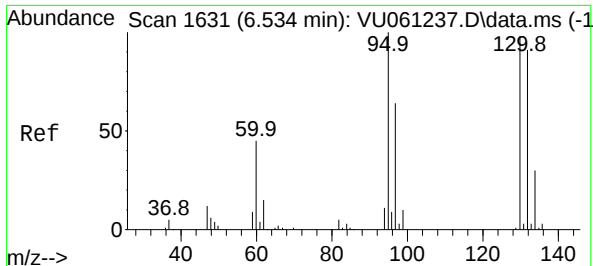
Tgt Ion:117 Resp: 86204
Ion Ratio Lower Upper
117 100
119 98.0 75.5 113.3



#33
Benzene
Concen: 4.936 ug/L
RT: 5.763 min Scan# 1391
Delta R.T. -0.003 min
Lab File: VU061258.D
Acq: 26 Oct 2024 04:51

Tgt Ion: 78 Resp: 258690

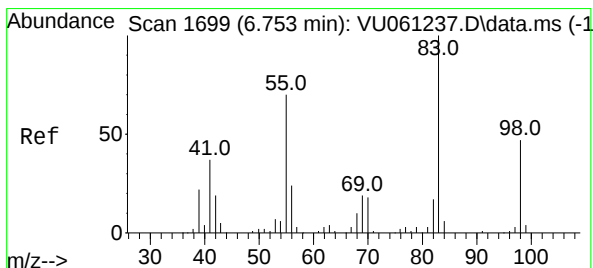
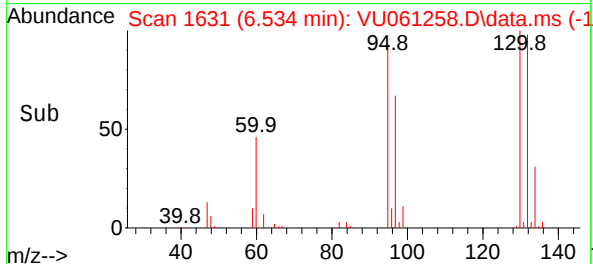
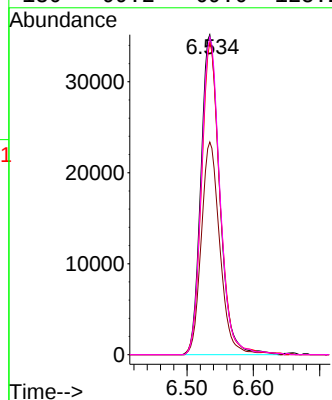
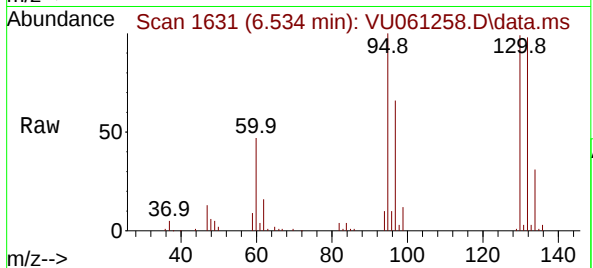




#34
Trichloroethene
Concen: 4.854 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VU061258.D
Acq: 26 Oct 2024 04:51

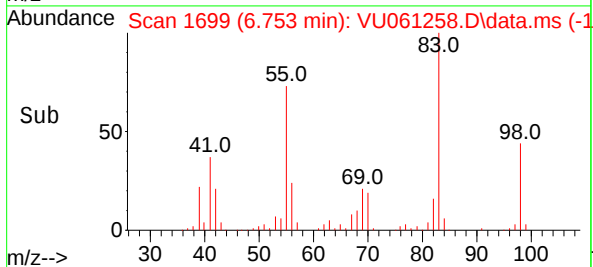
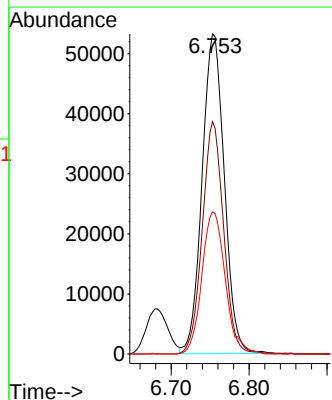
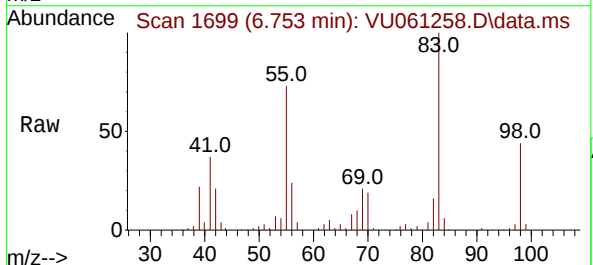
Instrument :
MSVOA_U
ClientSampleId :

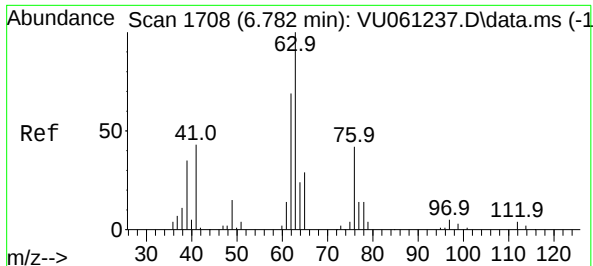
Tgt Ion: 95 Resp: 69204
Ion Ratio Lower Upper
95 100
97 66.5 46.1 85.7
132 97.6 66.1 122.7
130 99.2 69.0 128.2



#35
Methylcyclohexane
Concen: 4.654 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VU061258.D
Acq: 26 Oct 2024 04:51

Tgt Ion: 83 Resp: 105623
Ion Ratio Lower Upper
83 100
55 69.6 55.9 83.9
98 46.7 35.9 53.9

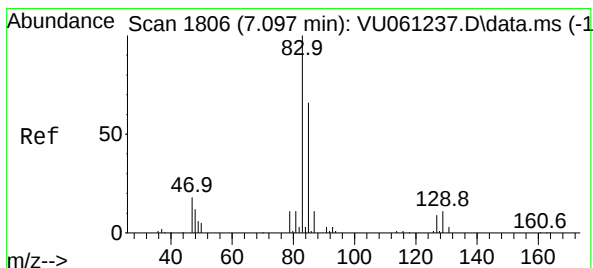
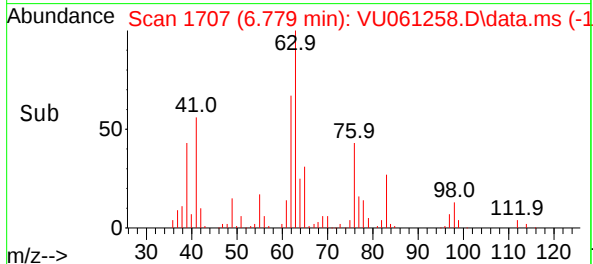
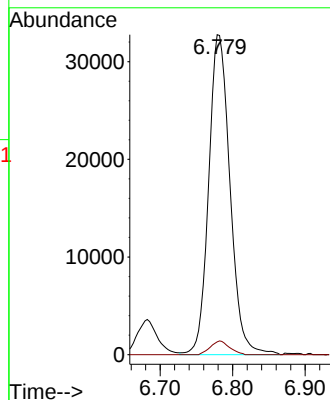
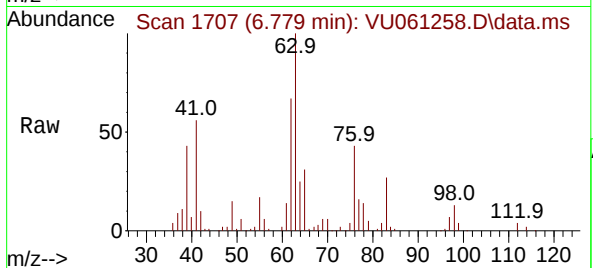




#37
1,2-Dichloropropane
Concen: 5.046 ug/L
RT: 6.779 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU061258.D
Acq: 26 Oct 2024 04:51

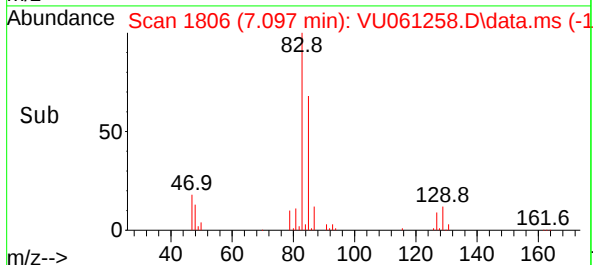
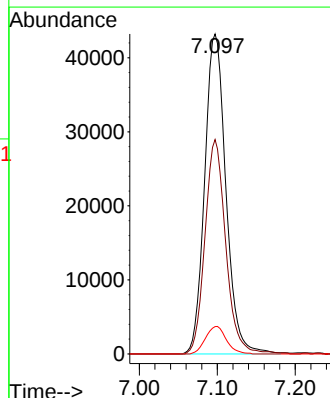
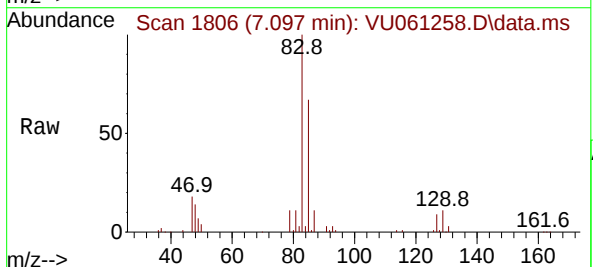
Instrument :
MSVOA_U
ClientSampleId :

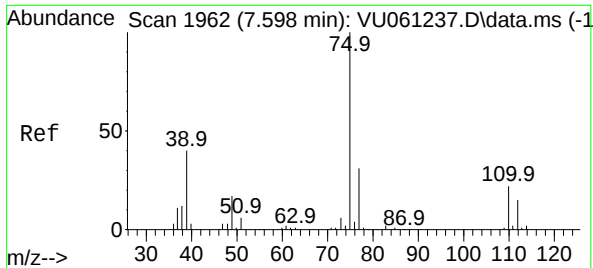
Tgt Ion: 63 Resp: 67040
Ion Ratio Lower Upper
63 100
112 3.8 3.0 4.4



#38
Bromodichloromethane
Concen: 4.871 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU061258.D
Acq: 26 Oct 2024 04:51

Tgt Ion: 83 Resp: 81896
Ion Ratio Lower Upper
83 100
85 67.0 43.8 81.4
127 8.6 7.4 11.0

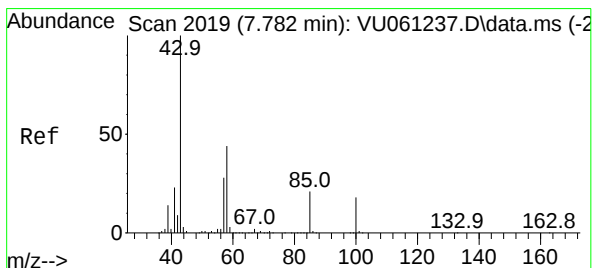
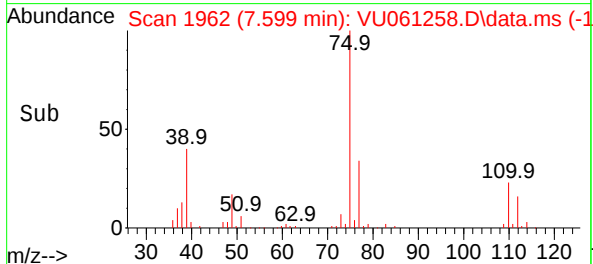
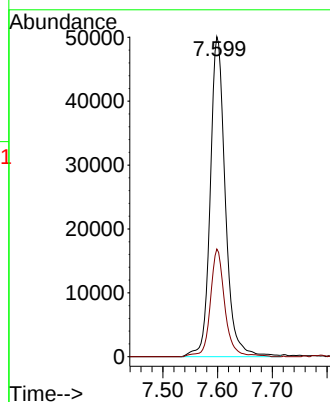
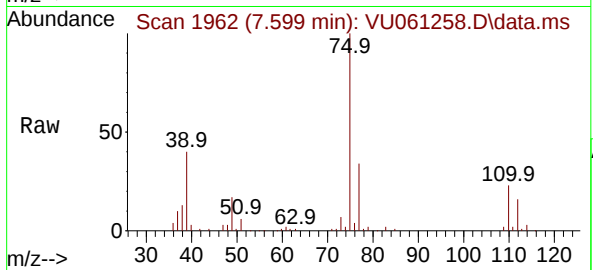




#39
 cis-1,3-Dichloropropene
 Concen: 4.682 ug/L
 RT: 7.599 min Scan# 1962
 Delta R.T. 0.000 min
 Lab File: VU061258.D
 Acq: 26 Oct 2024 04:51

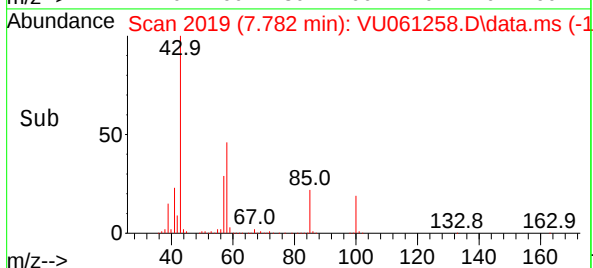
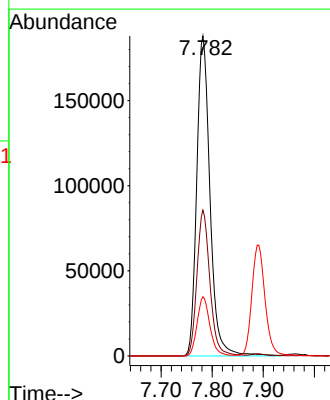
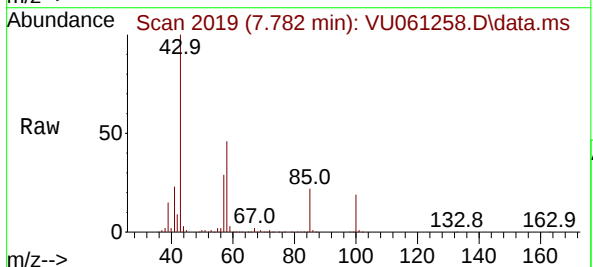
Instrument :
 MSVOA_U
 ClientSampleId :

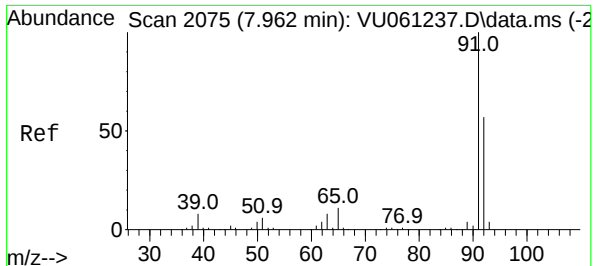
Tgt Ion: 75 Resp: 96075
 Ion Ratio Lower Upper
 75 100
 77 33.7 22.5 41.7



#40
 4-Methyl-2-pentanone
 Concen: 51.306 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VU061258.D
 Acq: 26 Oct 2024 04:51

Tgt Ion: 43 Resp: 339239
 Ion Ratio Lower Upper
 43 100
 58 44.5 35.1 52.7
 100 17.9 14.0 21.0





#42

Toluene

Concen: 4.937 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU061258.D

Acq: 26 Oct 2024 04:51

Instrument :

MSVOA_U

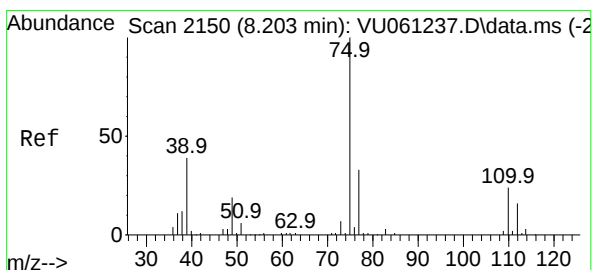
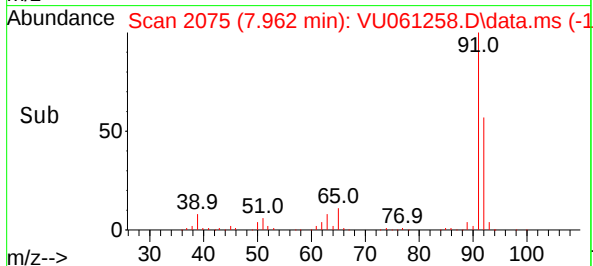
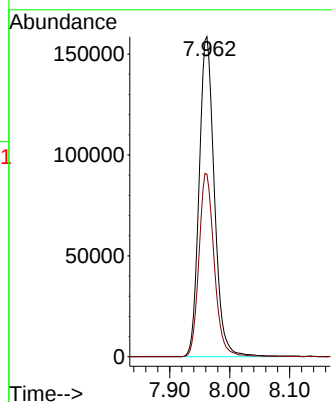
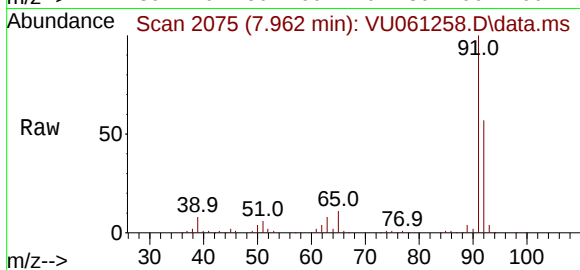
ClientSampleId :

Tgt Ion: 91 Resp: 281020

Ion Ratio Lower Upper

91 100

92 57.0 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 4.626 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU061258.D

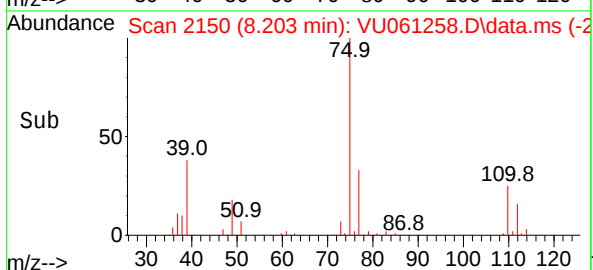
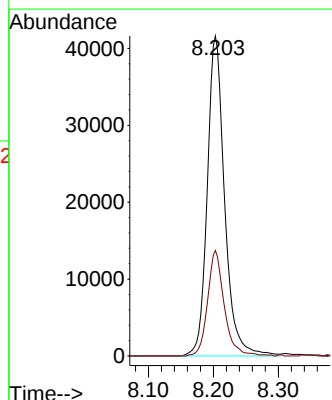
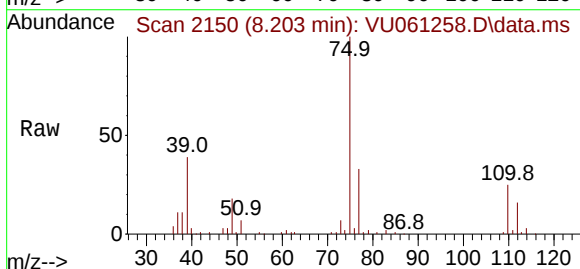
Acq: 26 Oct 2024 04:51

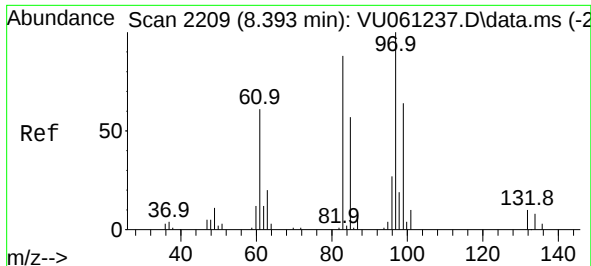
Tgt Ion: 75 Resp: 77339

Ion Ratio Lower Upper

75 100

77 32.9 22.0 40.8

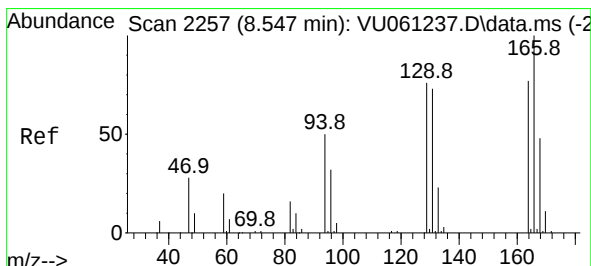
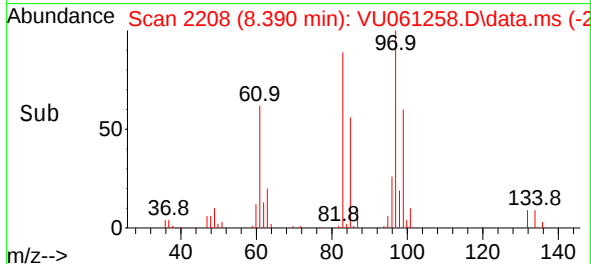
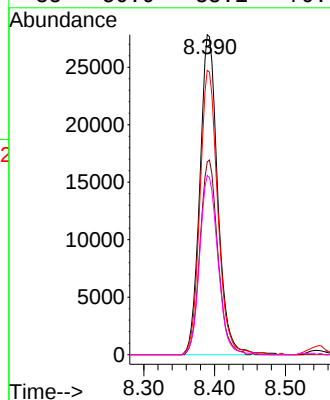
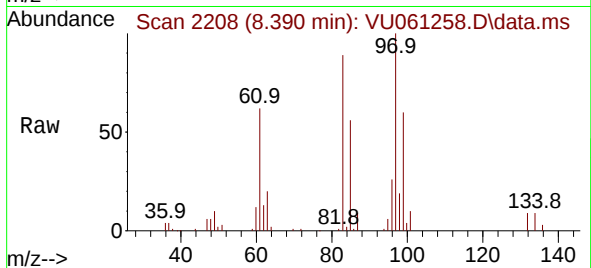




#45
1,1,2-Trichloroethane
Concen: 5.094 ug/L
RT: 8.390 min Scan# 2209
Delta R.T. -0.003 min
Lab File: VU061258.D
Acq: 26 Oct 2024 04:51

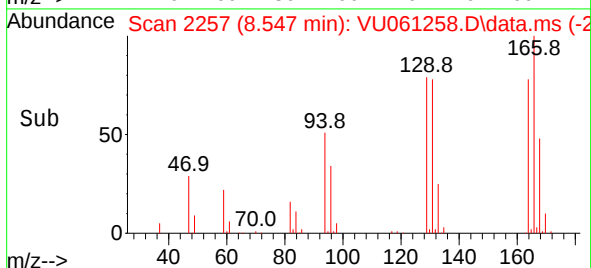
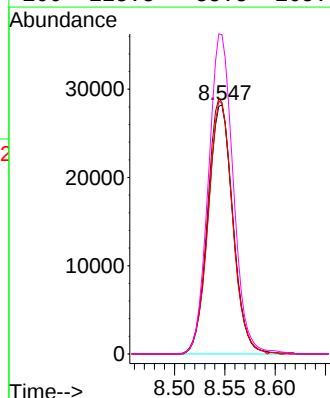
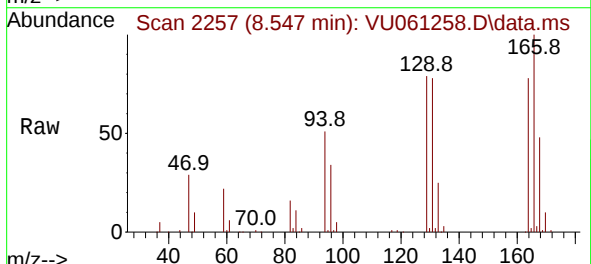
Instrument :
MSVOA_U
ClientSampleId :

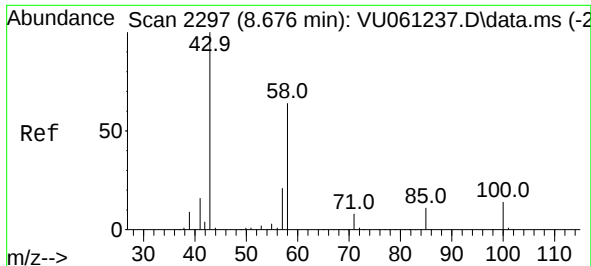
Tgt Ion:	97	Resp:	48707
Ion	Ratio	Lower	Upper
97	100		
99	60.2	44.1	81.9
83	88.9	61.2	113.6
85	56.0	38.1	70.7



#47
Tetrachloroethene
Concen: 4.872 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU061258.D
Acq: 26 Oct 2024 04:51

Tgt Ion:	164	Resp:	48516
Ion	Ratio	Lower	Upper
164	100		
129	100.9	69.9	129.7
131	100.7	68.3	126.8
166	128.3	88.8	165.0



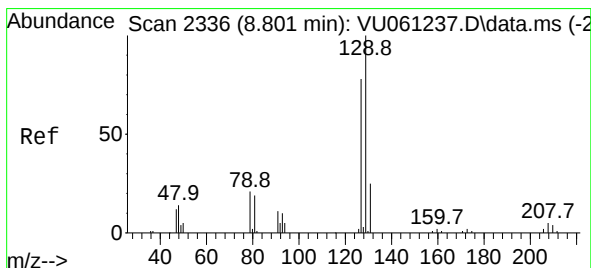
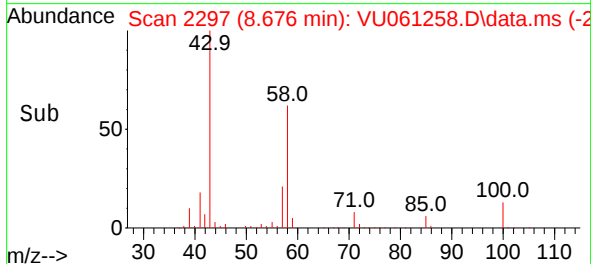
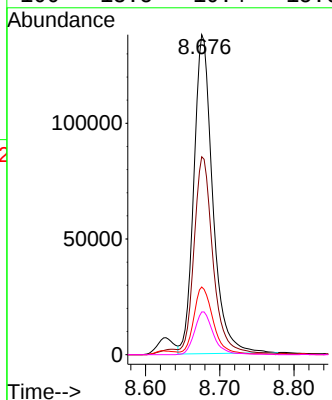
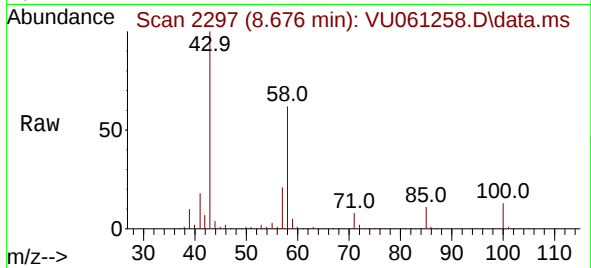


#48
2-Hexanone
Concen: 52.237 ug/L
RT: 8.676 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU061258.D
Acq: 26 Oct 2024 04:51

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 244248

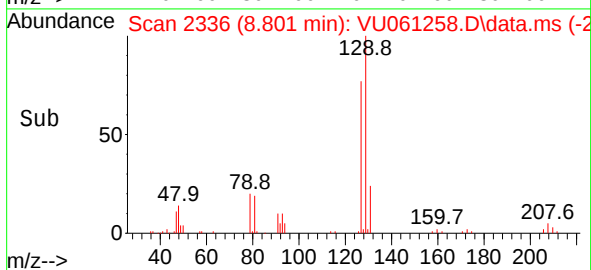
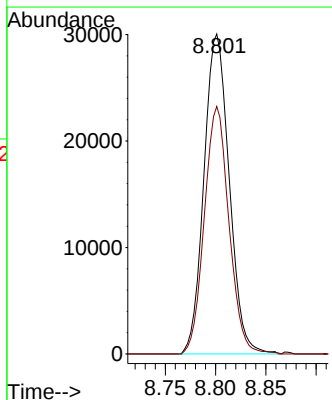
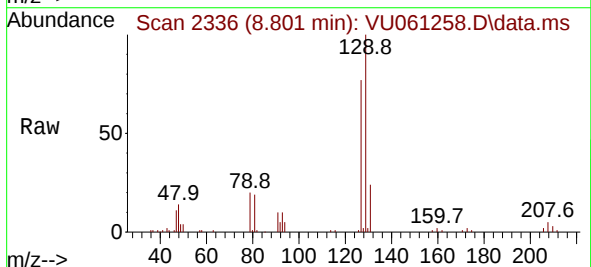
Ion	Ratio	Lower	Upper
43	100		
58	62.6	48.6	72.8
57	22.2	17.0	25.6
100	13.5	10.4	15.6

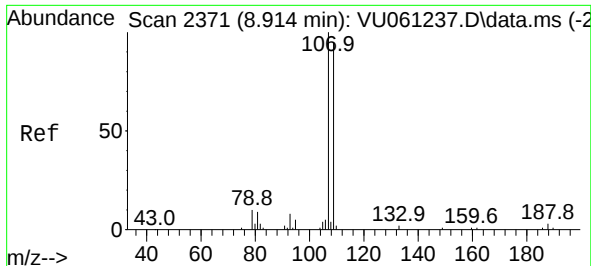


#49
Dibromochloromethane
Concen: 4.849 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU061258.D
Acq: 26 Oct 2024 04:51

Tgt Ion: 129 Resp: 52580

Ion	Ratio	Lower	Upper
129	100		
127	77.4	51.8	96.2





#50

1,2-Dibromoethane

Concen: 4.887 ug/L

RT: 8.917 min Scan# 24

Delta R.T. 0.003 min

Lab File: VU061258.D

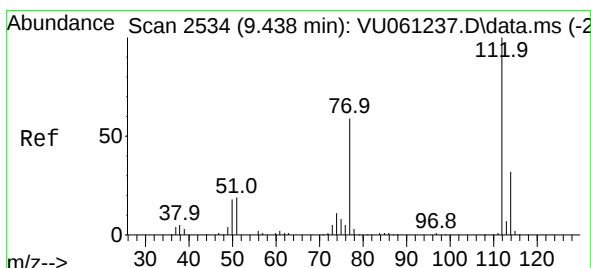
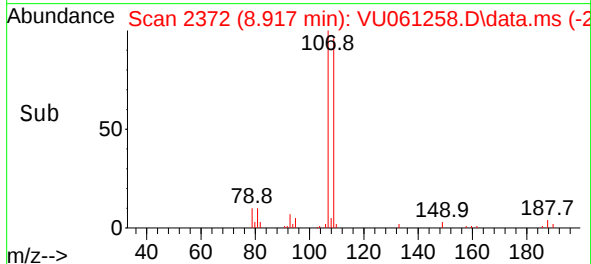
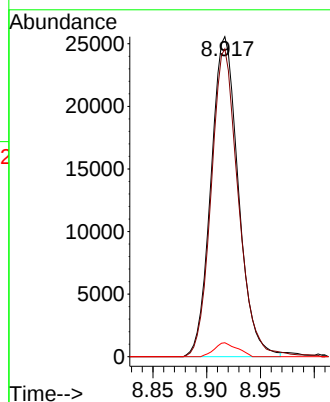
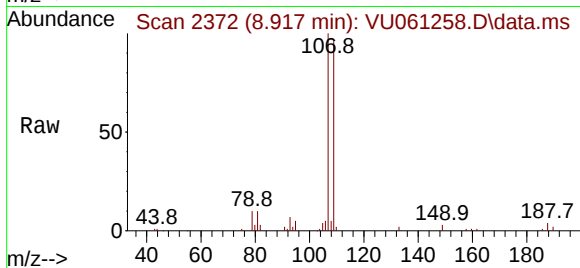
Acq: 26 Oct 2024 04:51

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	45391
Ion	Ratio	Lower	Upper
107	100		
109	96.2	63.4	117.8
188	4.3	2.6	3.8#



#51

Chlorobenzene

Concen: 4.973 ug/L

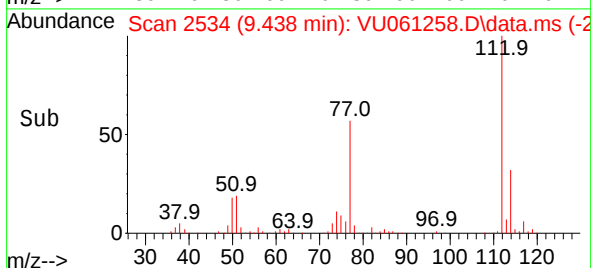
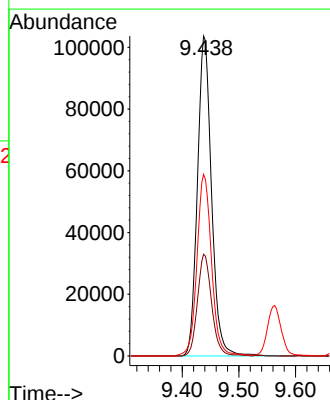
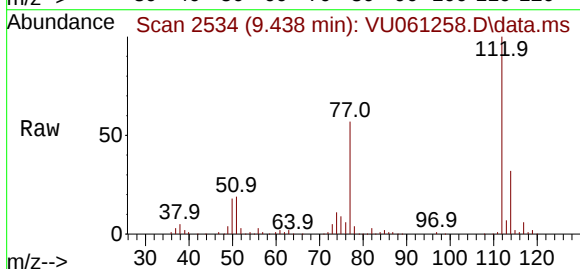
RT: 9.438 min Scan# 2534

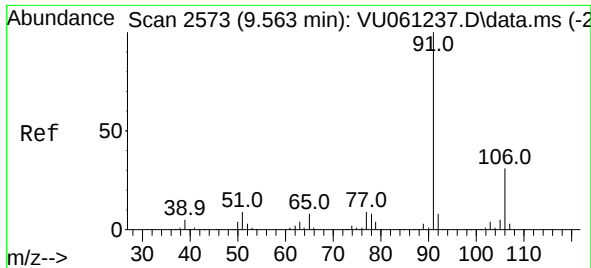
Delta R.T. 0.000 min

Lab File: VU061258.D

Acq: 26 Oct 2024 04:51

Tgt Ion:	112	Resp:	178918
Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.9	42.5
77	56.8	47.1	70.7

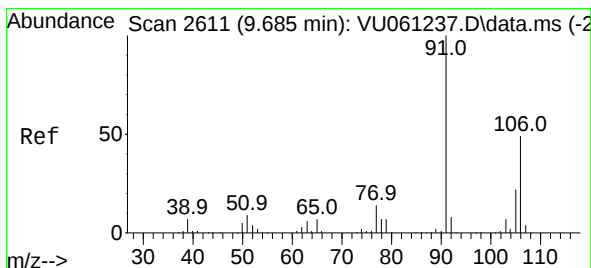
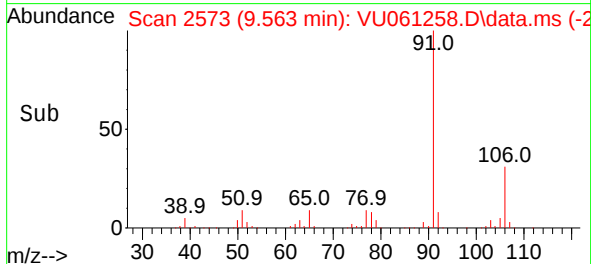
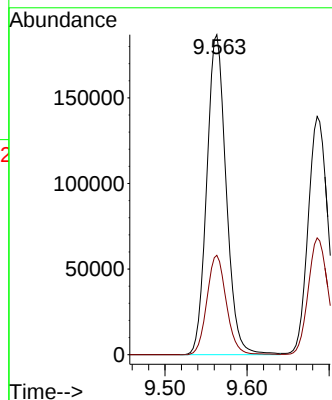
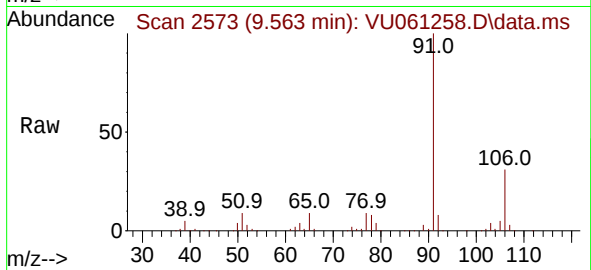




#52
Ethylbenzene
Concen: 4.905 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU061258.D
Acq: 26 Oct 2024 04:51

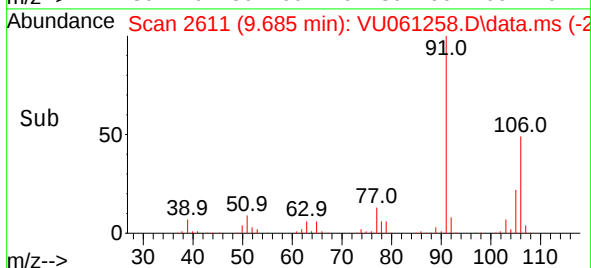
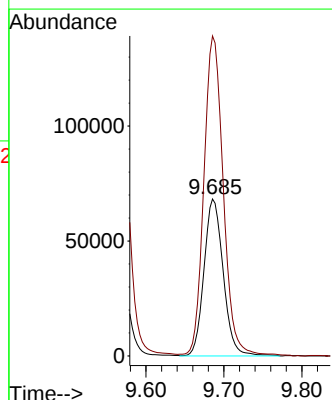
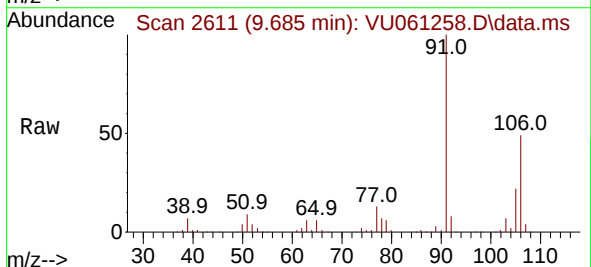
Instrument :
MSVOA_U
ClientSampleId :

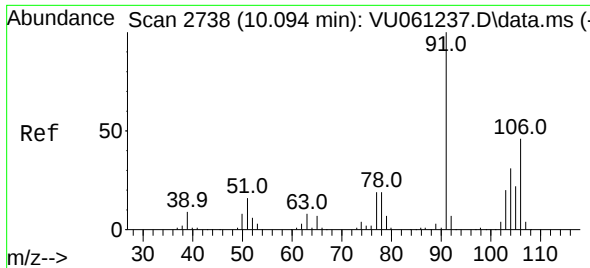
Tgt Ion: 91 Resp: 307123
Ion Ratio Lower Upper
91 100
106 31.0 22.0 41.0



#53
m,p-Xylene
Concen: 4.916 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. 0.000 min
Lab File: VU061258.D
Acq: 26 Oct 2024 04:51

Tgt Ion:106 Resp: 117248
Ion Ratio Lower Upper
106 100
91 203.9 145.7 270.7

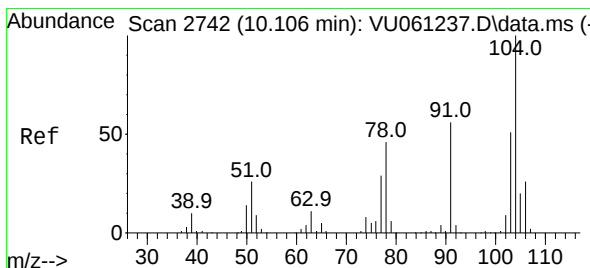
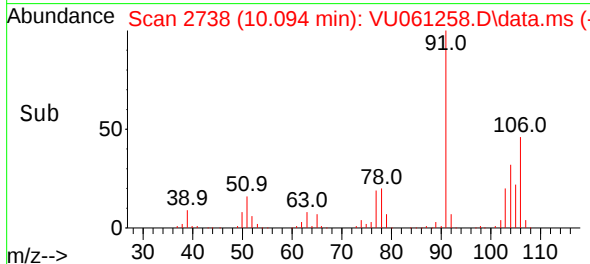
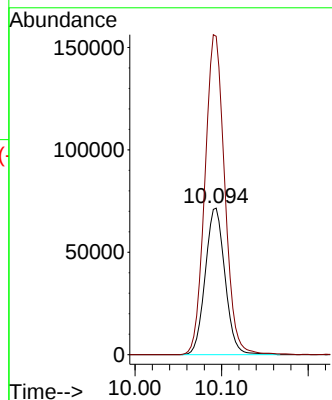
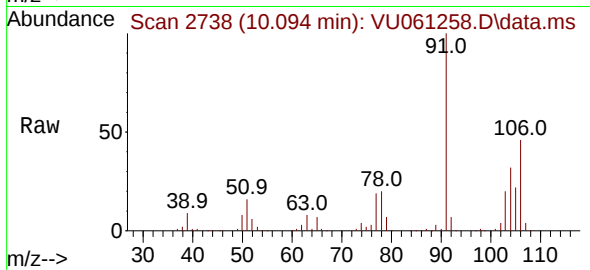




#54
o-Xylene
Concen: 4.822 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU061258.D
Acq: 26 Oct 2024 04:51

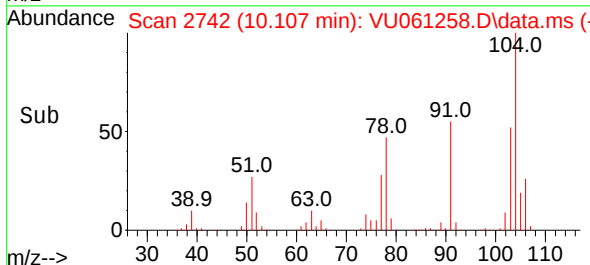
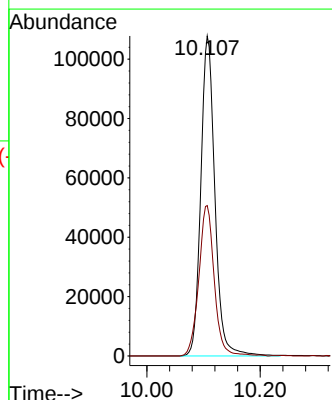
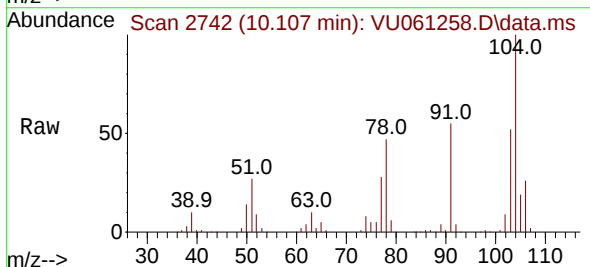
Instrument :
MSVOA_U
ClientSampleId :

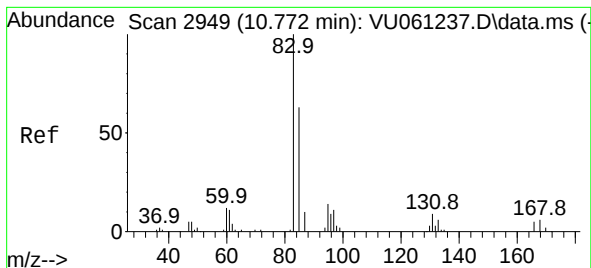
Tgt Ion:106 Resp: 113500
Ion Ratio Lower Upper
106 100
91 217.4 148.8 276.4



#55
Styrene
Concen: 4.933 ug/L
RT: 10.107 min Scan# 2742
Delta R.T. 0.000 min
Lab File: VU061258.D
Acq: 26 Oct 2024 04:51

Tgt Ion:104 Resp: 186154
Ion Ratio Lower Upper
104 100
78 47.0 32.3 59.9

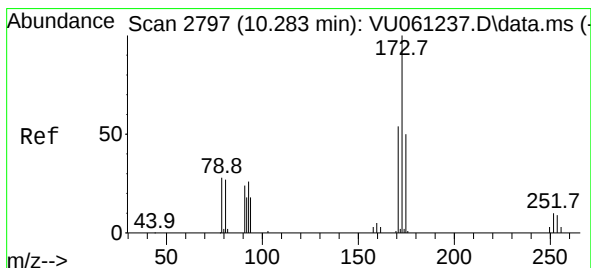
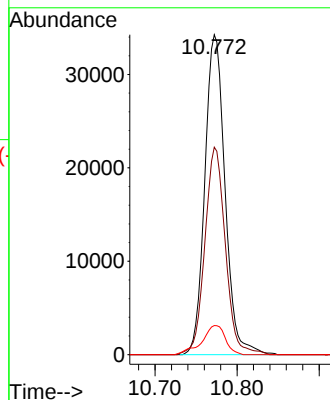
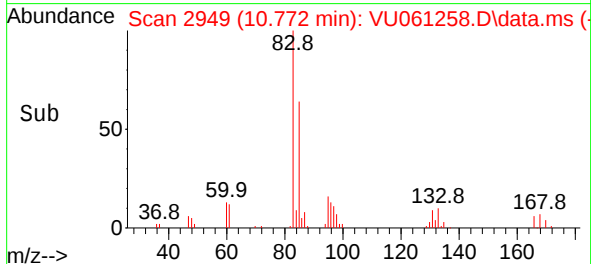
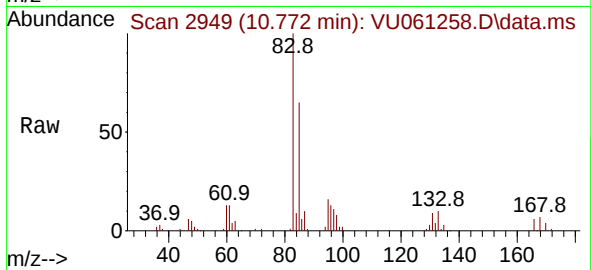




#57
1,1,2,2-Tetrachloroethane
Concen: 5.097 ug/L
RT: 10.772 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU061258.D
Acq: 26 Oct 2024 04:51

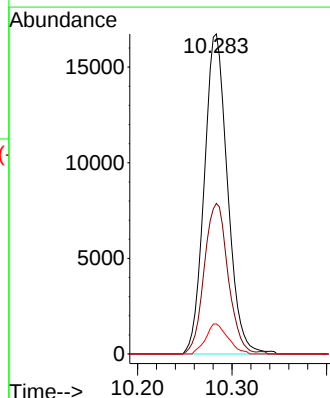
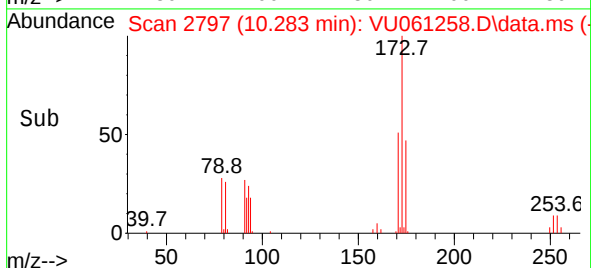
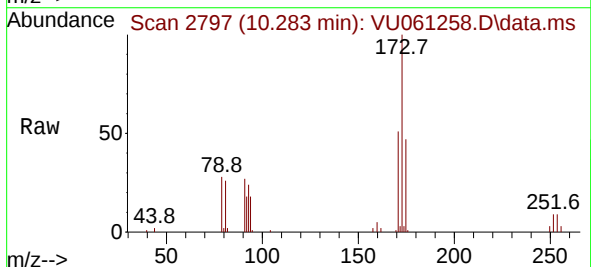
Instrument :
MSVOA_U
ClientSampleId :

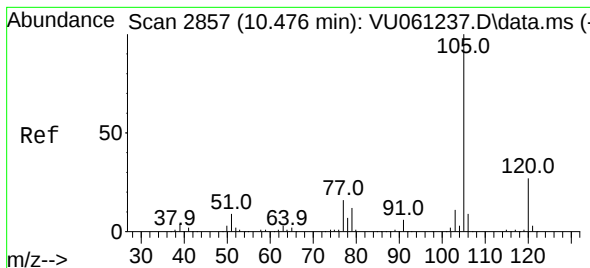
Tgt Ion: 83 Resp: 58717
Ion Ratio Lower Upper
83 100
85 64.8 45.3 84.1
131 9.1 7.6 11.4



#59
Bromoform
Concen: 4.803 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VU061258.D
Acq: 26 Oct 2024 04:51

Tgt Ion:173 Resp: 28609
Ion Ratio Lower Upper
173 100
175 48.2 39.0 58.4
254 9.0 6.8 10.2





#60

Isopropylbenzene

Concen: 4.959 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU061258.D

Acq: 26 Oct 2024 04:51

Instrument :

MSVOA_U

ClientSampleId :

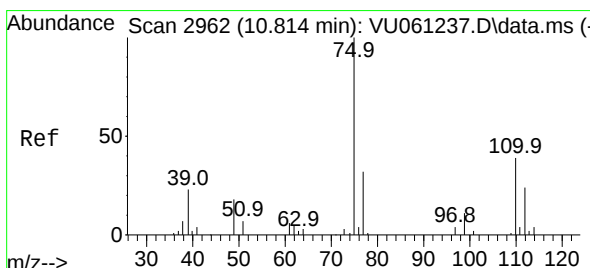
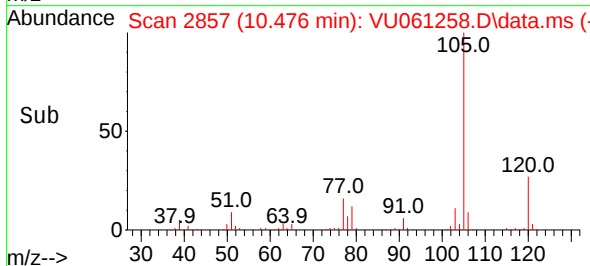
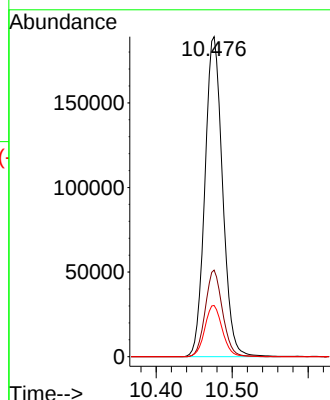
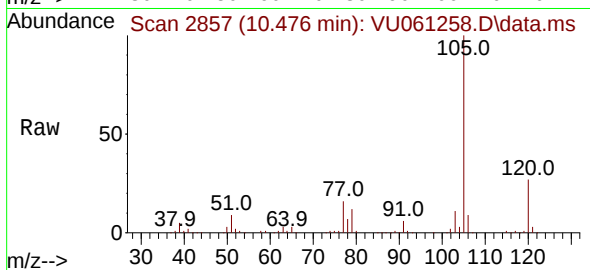
Tgt Ion:105 Resp: 304886

Ion Ratio Lower Upper

105 100

120 26.5 21.2 31.8

77 15.9 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 5.013 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. 0.000 min

Lab File: VU061258.D

Acq: 26 Oct 2024 04:51

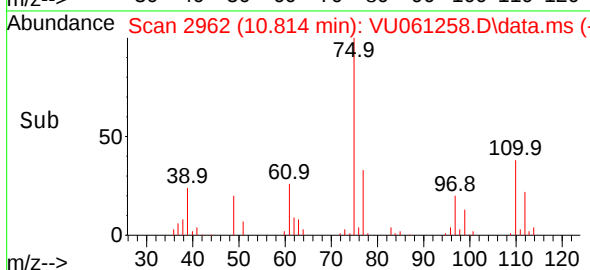
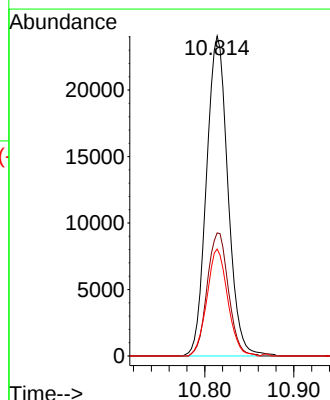
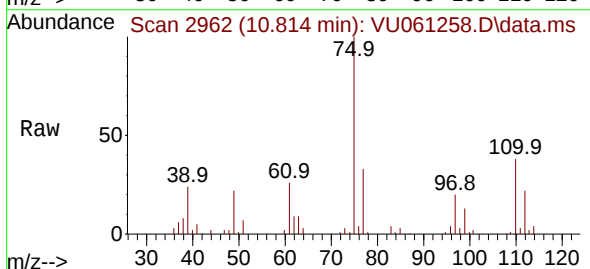
Tgt Ion: 75 Resp: 40184

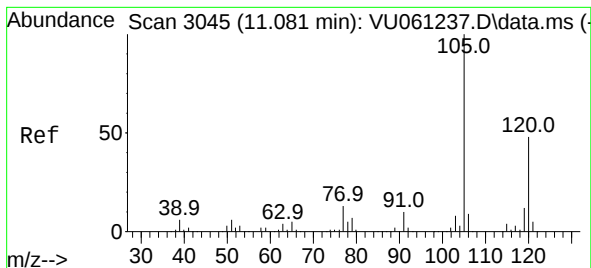
Ion Ratio Lower Upper

75 100

110 38.2 28.8 43.2

77 32.4 25.7 38.5





#62

1,3,5-Trimethylbenzene

Concen: 4.867 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. 0.000 min

Lab File: VU061258.D

Acq: 26 Oct 2024 04:51

Instrument :

MSVOA_U

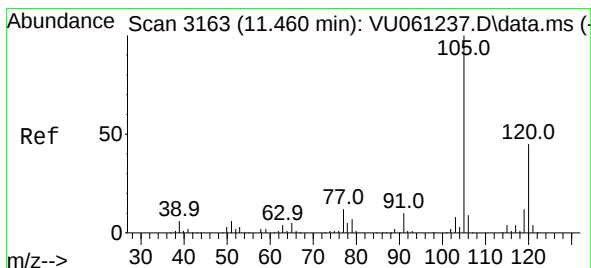
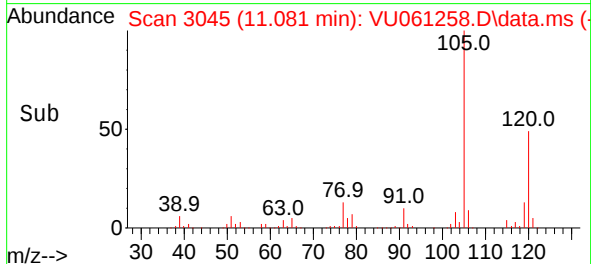
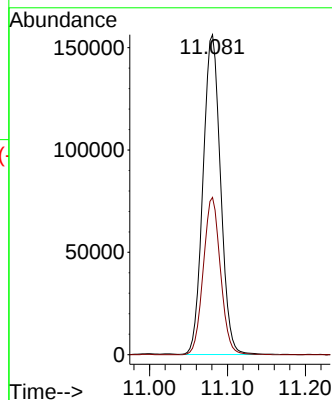
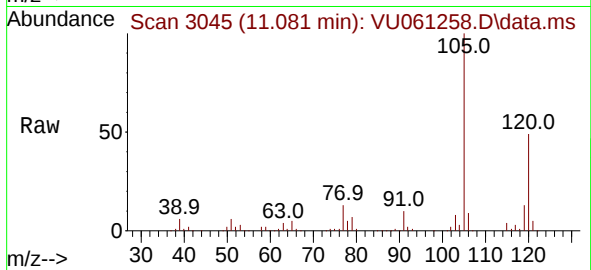
ClientSampleId :

Tgt Ion:105 Resp: 243565

Ion Ratio Lower Upper

105 100

120 48.3 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 4.906 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. 0.000 min

Lab File: VU061258.D

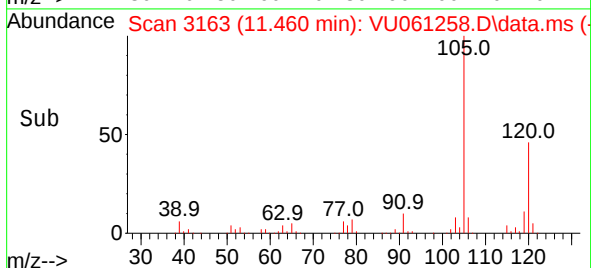
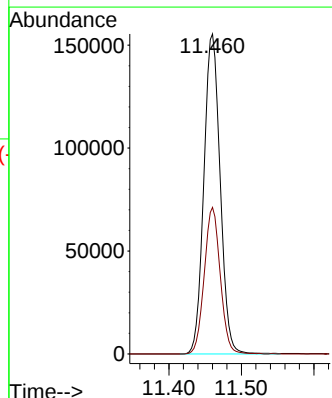
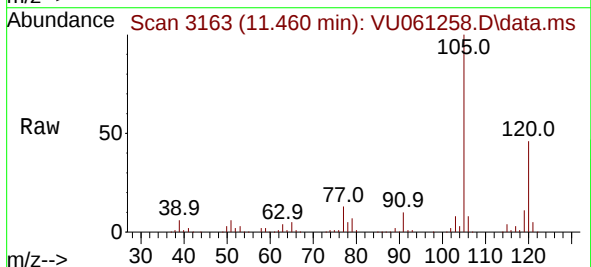
Acq: 26 Oct 2024 04:51

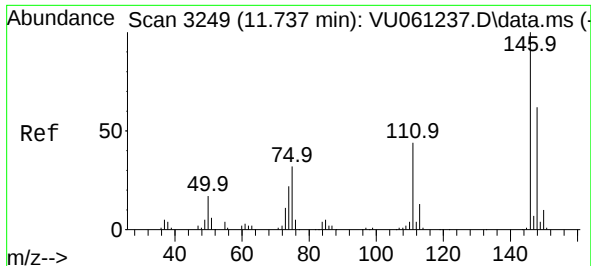
Tgt Ion:105 Resp: 242689

Ion Ratio Lower Upper

105 100

120 44.8 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 5.043 ug/L

RT: 11.737 min Scan# 3249

Delta R.T. 0.000 min

Lab File: VU061258.D

Acq: 26 Oct 2024 04:51

Instrument :

MSVOA_U

ClientSampleId :

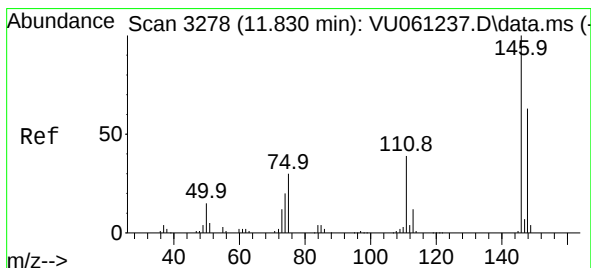
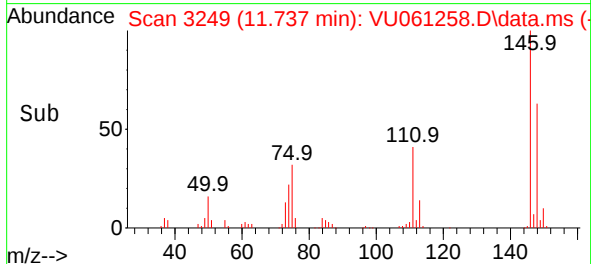
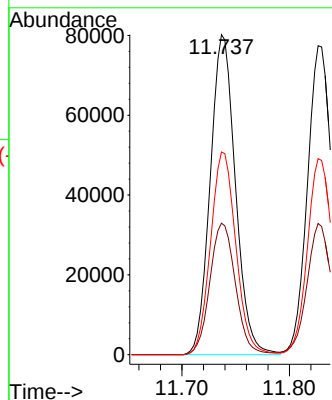
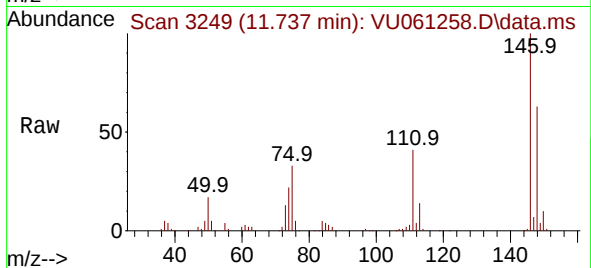
Tgt Ion:146 Resp: 130488

Ion Ratio Lower Upper

146 100

111 41.1 30.0 55.8

148 63.3 45.1 83.7



#65

1,4-Dichlorobenzene

Concen: 4.896 ug/L

RT: 11.827 min Scan# 3277

Delta R.T. -0.003 min

Lab File: VU061258.D

Acq: 26 Oct 2024 04:51

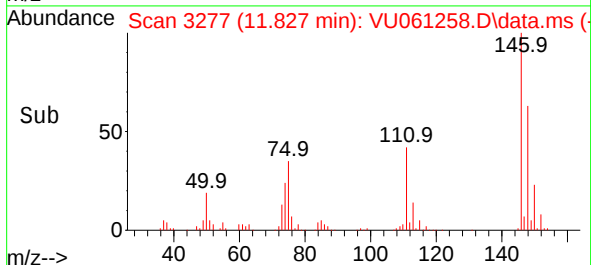
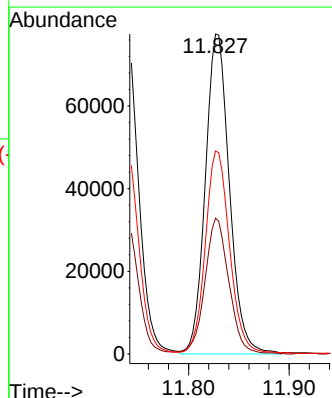
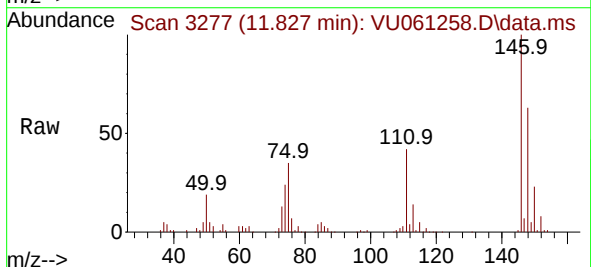
Tgt Ion:146 Resp: 129130

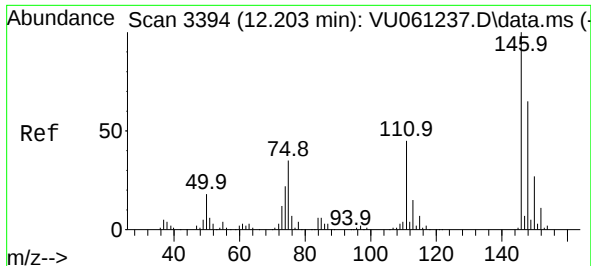
Ion Ratio Lower Upper

146 100

111 42.4 28.2 52.4

148 63.5 43.3 80.3





#67

1,2-Dichlorobenzene

Concen: 5.017 ug/L

RT: 12.206 min Scan# 3394

Delta R.T. 0.003 min

Lab File: VU061258.D

Acq: 26 Oct 2024 04:51

Instrument :

MSVOA_U

ClientSampleId :

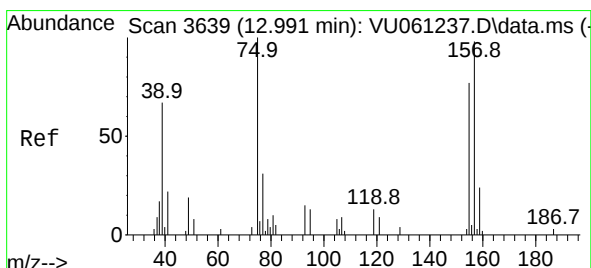
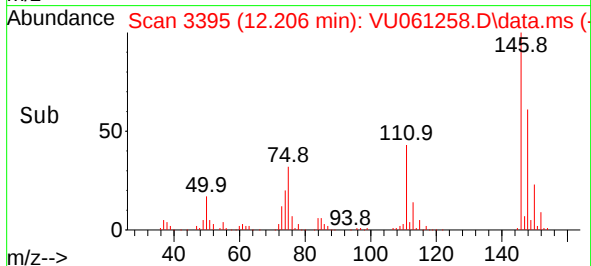
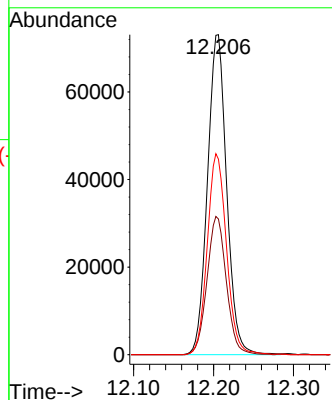
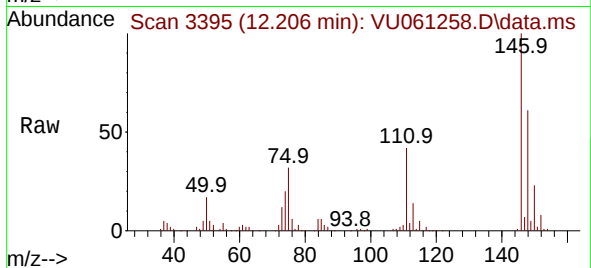
Tgt Ion:146 Resp: 122163

Ion Ratio Lower Upper

146 100

111 42.4 35.2 52.8

148 61.1 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 4.916 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.003 min

Lab File: VU061258.D

Acq: 26 Oct 2024 04:51

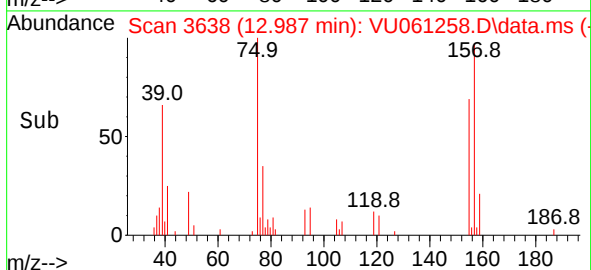
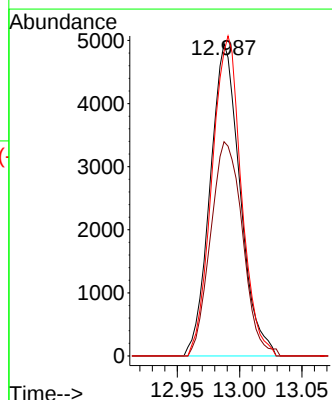
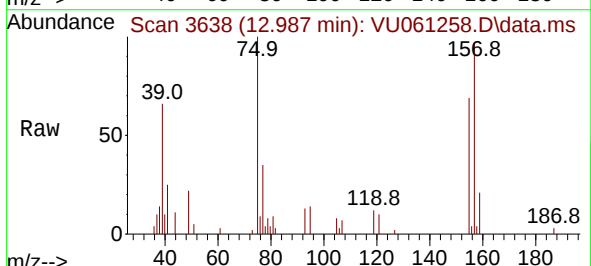
Tgt Ion: 75 Resp: 8275

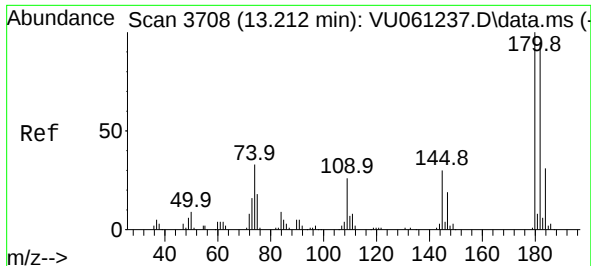
Ion Ratio Lower Upper

75 100

155 68.6 69.3 103.9#

157 97.5 81.4 122.2





#69

1,3,5-Trichlorobenzene

Concen: 5.026 ug/L

RT: 13.209 min Scan# 3707

Delta R.T. -0.003 min

Lab File: VU061258.D

Acq: 26 Oct 2024 04:51

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 89138

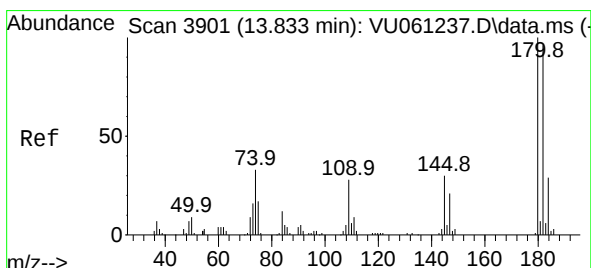
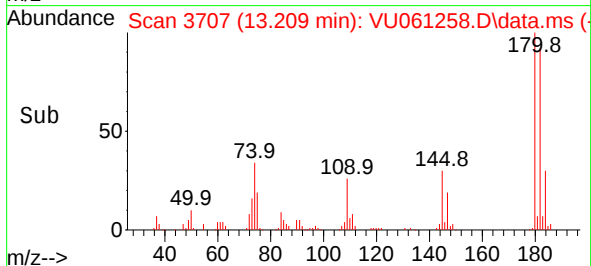
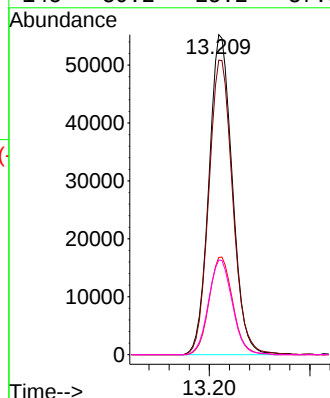
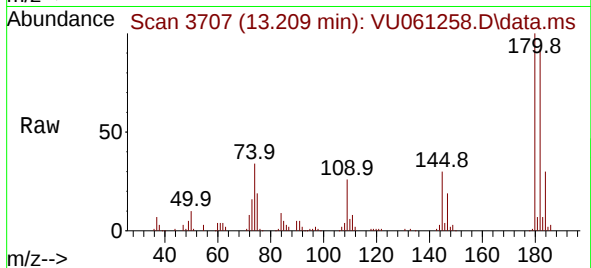
Ion Ratio Lower Upper

180 100

182 94.0 77.4 116.2

184 30.7 24.4 36.6

145 30.2 25.2 37.8



#70

1,2,4-trichlorobenzene

Concen: 5.201 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.000 min

Lab File: VU061258.D

Acq: 26 Oct 2024 04:51

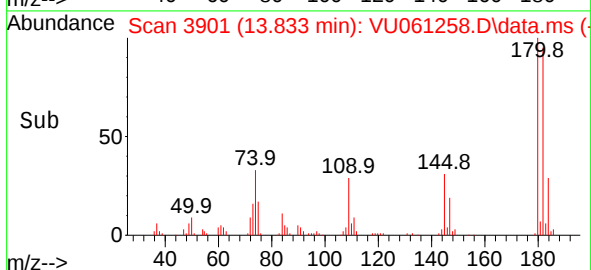
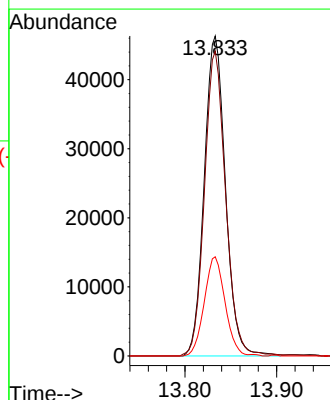
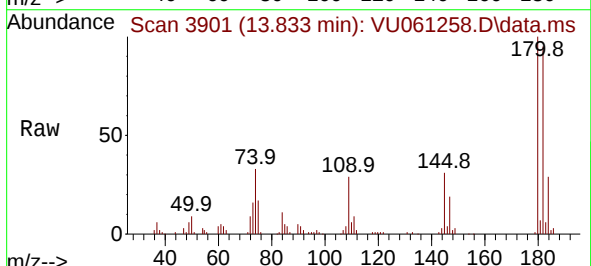
Tgt Ion:180 Resp: 74440

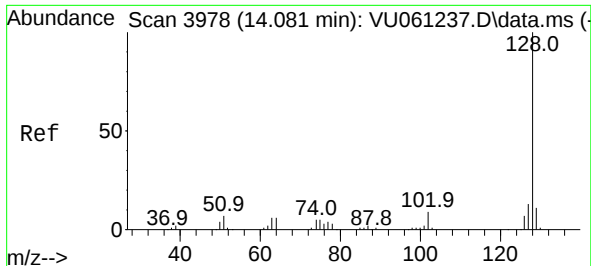
Ion Ratio Lower Upper

180 100

182 95.1 77.2 115.8

145 30.5 25.6 38.4

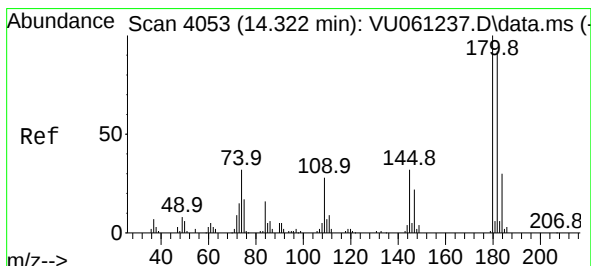
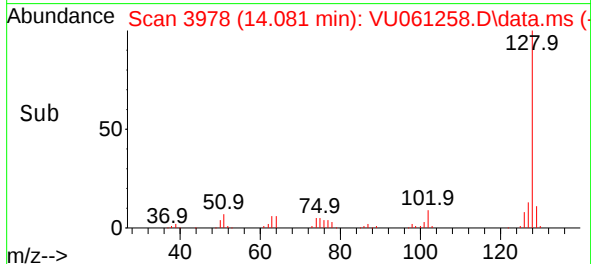
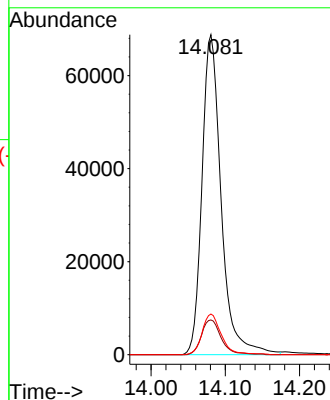
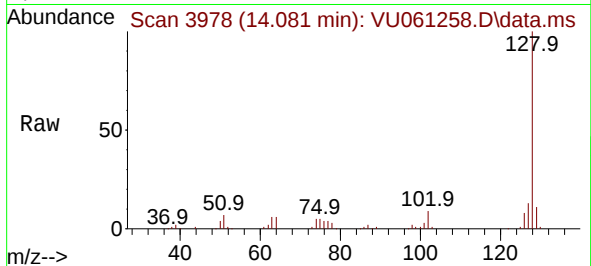




#71
Naphthalene
Concen: 5.465 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. 0.000 min
Lab File: VU061258.D
Acq: 26 Oct 2024 04:51

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 123421
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 12.8 10.0 15.0



#72
1,2,3-Trichlorobenzene
Concen: 5.355 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU061258.D
Acq: 26 Oct 2024 04:51

Tgt Ion:180 Resp: 64125
Ion Ratio Lower Upper
180 100
182 95.6 76.0 114.0
145 32.8 26.5 39.7

