

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102924\
 Data File : VU061270IC.D
 Acq On : 28 Oct 2024 17:08
 Operator : MD/SY
 Sample : VSTD005
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 29 01:49:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM102824WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 29 01:48:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	226410	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	207332	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	95285	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	10048	6.842	ug/L	0.00
7) Chloroethane-d5	1.898	69	9126	7.357	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	63	18565	7.032	ug/L	0.00
21) 2-Butanone-d5	4.634	46	15082	14.107	ug/L	0.03
24) Chloroform-d	5.055	84	21968	7.581	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.698	65	13421	7.649	ug/L	0.00
32) Benzene-d6	5.721	84	45644	8.253	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	14101	8.248	ug/L	0.00
41) Toluene-d8	7.894	98	40752	7.770	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.177	79	6086	7.473	ug/L	0.00
47) 2-Hexanone-d5	8.631	63	11954	15.797	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.749	84	20233	7.644	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	13835	7.615	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	6354	4.354	ug/L	99
3) Chloromethane	1.518	50	5810	4.101	ug/L	100
5) Vinyl chloride	1.602	62	6049	3.682	ug/L	90
6) Bromomethane	1.837	94	4799	5.141	ug/L	96
8) Chloroethane	1.920	64	3987	3.751	ug/L	89
9) Trichlorofluoromethane	2.129	101	8533	3.730	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	5284	3.697	ug/L	90
12) 1,1-Dichloroethene	2.573	96	5454	4.048	ug/L	88
13) Acetone	2.621	43	9556	9.164	ug/L	97
14) Carbon disulfide	2.785	76	15970	4.525	ug/L	100
15) Methyl Acetate	2.946	43	5777	3.633	ug/L	99
16) Methylene chloride	3.036	84	5778	3.421	ug/L	95
17) trans-1,2-Dichloroethene	3.348	96	5390	3.864	ug/L	92
18) Methyl tert-butyl Ether	3.354	73	17001	3.710	ug/L #	87
19) 1,1-Dichloroethane	3.859	63	9675	3.650	ug/L	97
20) cis-1,2-Dichloroethene	4.663	96	6183	3.667	ug/L	96
22) 2-Butanone	4.718	43	7365	5.647	ug/L	96
23) Bromochloromethane	4.968	128	3220	3.633	ug/L	91
25) Chloroform	5.078	83	10547	3.695	ug/L	99
27) 1,2-Dichloroethane	5.791	62	8325	3.807	ug/L	97
29) Cyclohexane	5.377	56	8695	4.394	ug/L	99
30) 1,1,1-Trichloroethane	5.306	97	9036	4.058	ug/L	97
31) Carbon tetrachloride	5.515	117	7360	3.974	ug/L	99
33) Benzene	5.769	78	23838	4.138	ug/L	100
34) Trichloroethene	6.537	95	5970	3.883	ug/L	98
35) Methylcyclohexane	6.756	83	9266	4.259	ug/L	97
37) 1,2-Dichloropropane	6.788	63	5957	3.799	ug/L #	93
38) Bromodichloromethane	7.100	83	7687	3.847	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	9157	3.772	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	15220	7.495	ug/L	100
42) Toluene	7.965	91	24275	3.875	ug/L	100
44) trans-1,3-Dichloropropene	8.209	75	8031	3.574	ug/L	100

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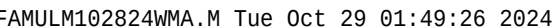
Quant Time: Oct 29 01:49:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM102824WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 29 01:48:01 2024
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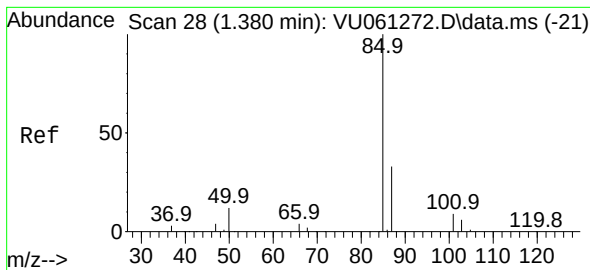
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.396	97	5616	3.434	ug/L	96
46) Tetrachloroethene	8.550	164	4314	3.514	ug/L	90
48) 2-Hexanone	8.685	43	12657	7.467	ug/L	97
49) Dibromochloromethane	8.801	129	5355	3.309	ug/L	99
50) 1,2-Dibromoethane	8.917	107	6072	3.514	ug/L #	85
51) Chlorobenzene	9.441	112	15966	3.854	ug/L	97
52) Ethylbenzene	9.566	91	25657	3.812	ug/L	97
53) m,p-Xylene	9.692	106	9733	3.729	ug/L	92
54) o-Xylene	10.094	106	9007	3.571	ug/L	88
55) Styrene	10.113	104	14472	3.437	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	9591	3.451	ug/L #	96
59) Bromoform	10.286	173	3693	3.180	ug/L #	98
60) 1,2,3-Trichloropropane	10.817	75	7690	4.073	ug/L	99
61) Isopropylbenzene	10.479	105	23864	4.122	ug/L	100
62) 1,3,5-Trimethylbenzene	11.084	105	18047	4.146	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	18083	3.968	ug/L	98
64) 1,3-Dichlorobenzene	11.743	146	11182	3.844	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	11680	3.883	ug/L	97
67) 1,2-Dichlorobenzene	12.209	146	11214	3.804	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.994	75	1765	3.399	ug/L #	73
69) 1,3,5-Trichlorobenzene	13.219	180	6699	3.216	ug/L	97
70) 1,2,4-trichlorobenzene	13.846	180	5662	3.022	ug/L	93
71) Naphthalene	14.097	128	12838	2.346	ug/L #	85
72) 1,2,3-Trichlorobenzene	14.325	180	4196	2.264	ug/L	85

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

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Quant Title : VOC Analysis
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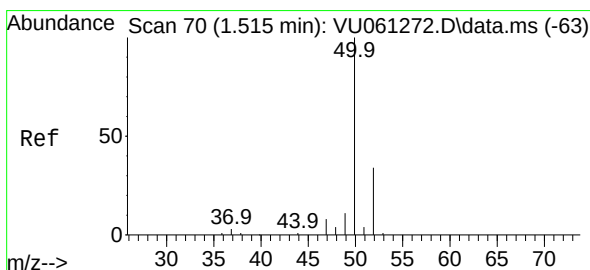
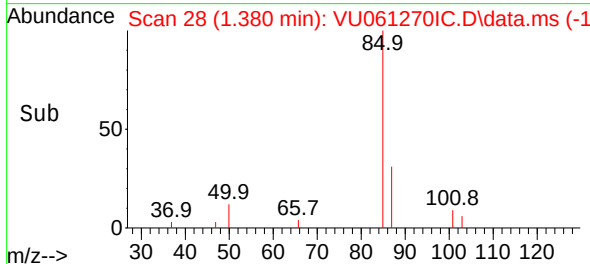
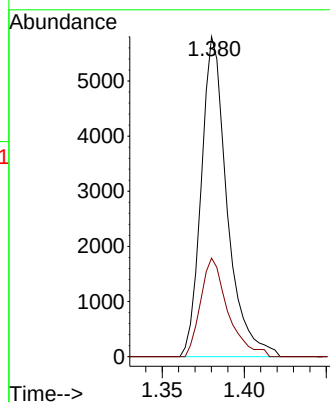
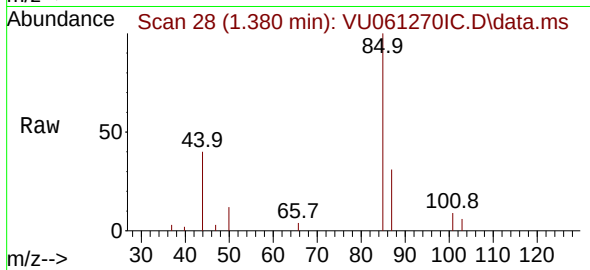




#2
Dichlorodifluoromethane
Concen: 4.354 ug/L
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU061270IC.D
Acq: 28 Oct 2024 17:08

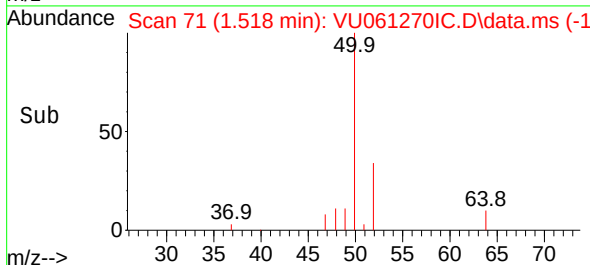
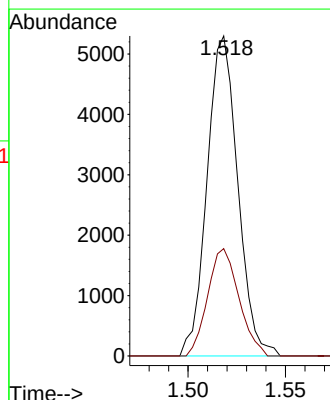
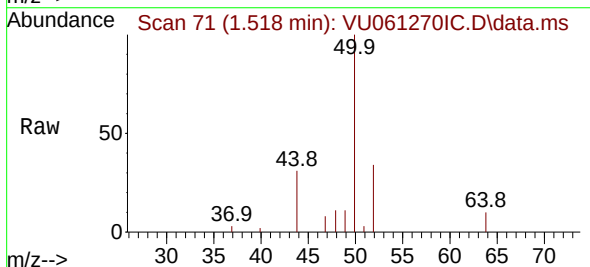
Instrument :
MSVOA_U
ClientSampleId :

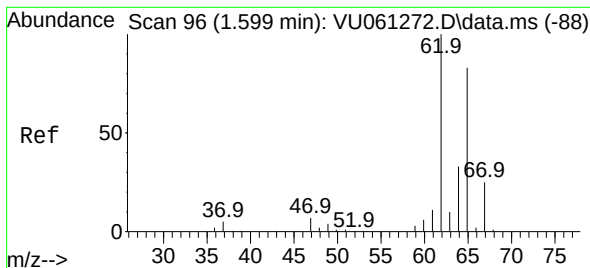
Tgt Ion: 85 Resp: 6354
Ion Ratio Lower Upper
85 100
87 31.6 25.7 38.5



#3
Chloromethane
Concen: 4.101 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU061270IC.D
Acq: 28 Oct 2024 17:08

Tgt Ion: 50 Resp: 5810
Ion Ratio Lower Upper
50 100
52 33.5 23.6 43.8





#5

Vinyl chloride

Concen: 3.682 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.003 min

Lab File: VU061270IC.D

Acq: 28 Oct 2024 17:08

Instrument :

MSVOA_U

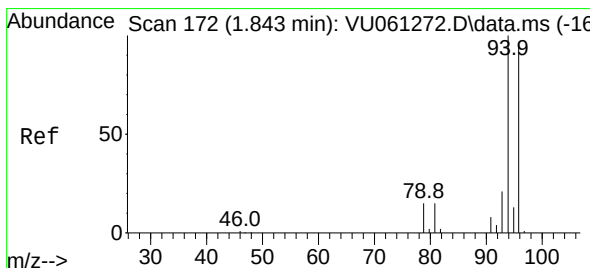
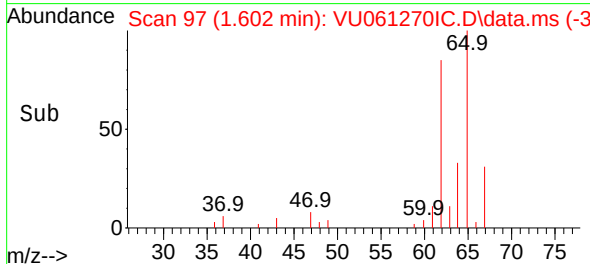
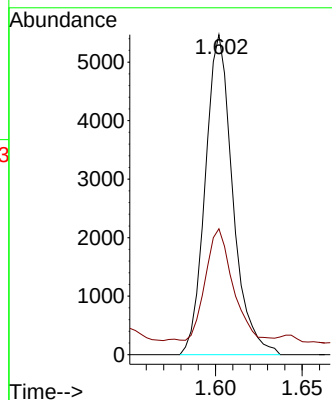
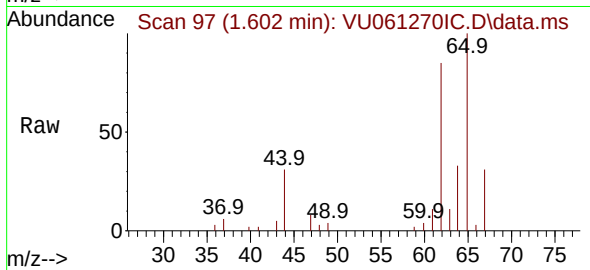
ClientSampleId :

Tgt Ion: 62 Resp: 6049

Ion Ratio Lower Upper

62 100

64 39.3 23.4 43.4



#6

Bromomethane

Concen: 5.141 ug/L

RT: 1.837 min Scan# 170

Delta R.T. -0.007 min

Lab File: VU061270IC.D

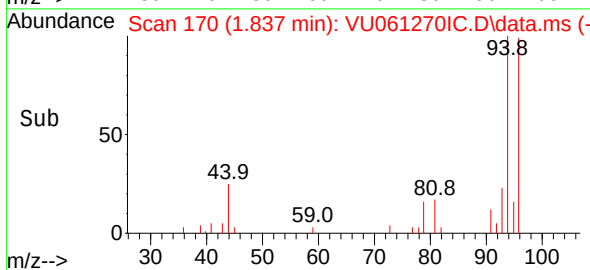
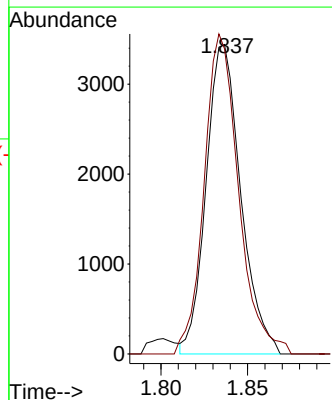
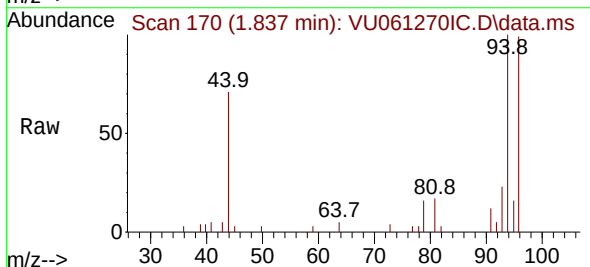
Acq: 28 Oct 2024 17:08

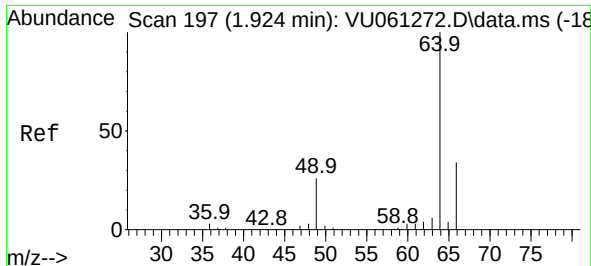
Tgt Ion: 94 Resp: 4799

Ion Ratio Lower Upper

94 100

96 98.6 66.1 122.8

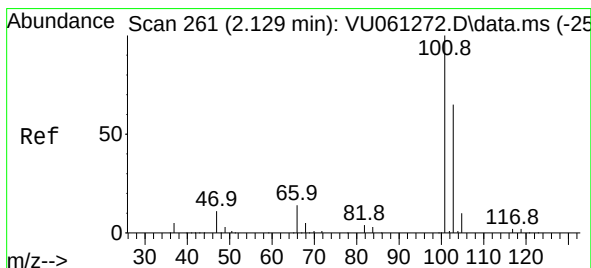
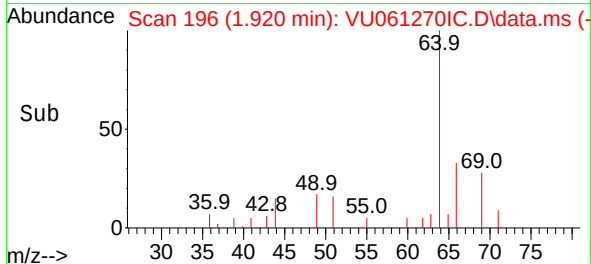
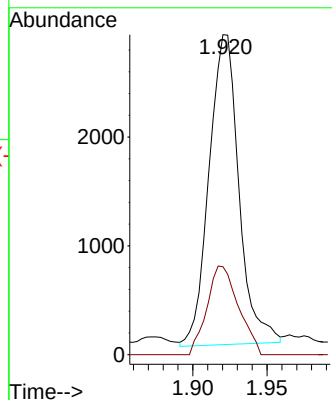
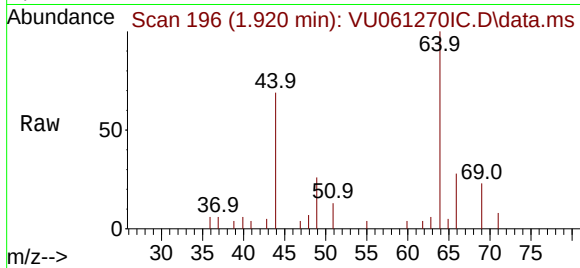




#8
Chloroethane
Concen: 3.751 ug/L
RT: 1.920 min Scan# 196
Delta R.T. -0.003 min
Lab File: VU061270IC.D
Acq: 28 Oct 2024 17:08

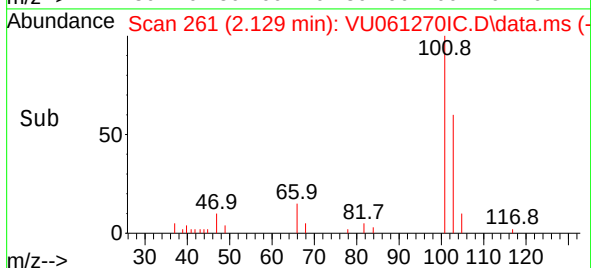
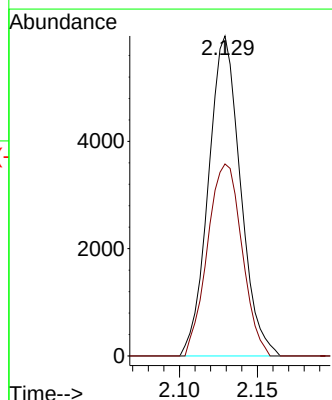
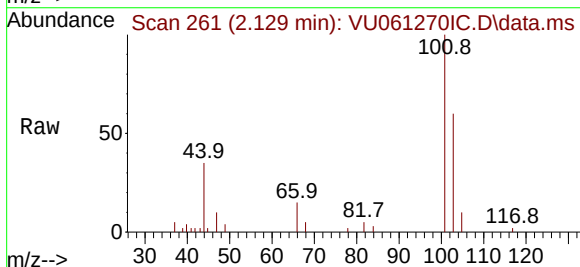
Instrument :
MSVOA_U
ClientSampleId :

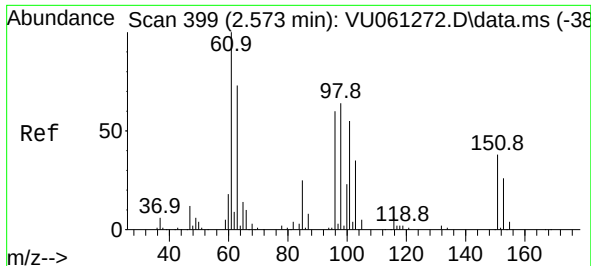
Tgt Ion: 64 Resp: 3987
Ion Ratio Lower Upper
64 100
66 27.5 23.6 43.8



#9
Trichlorofluoromethane
Concen: 3.730 ug/L
RT: 2.129 min Scan# 261
Delta R.T. -0.000 min
Lab File: VU061270IC.D
Acq: 28 Oct 2024 17:08

Tgt Ion:101 Resp: 8533
Ion Ratio Lower Upper
101 100
103 64.6 51.6 77.4

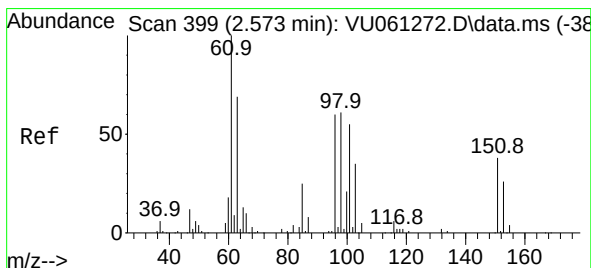
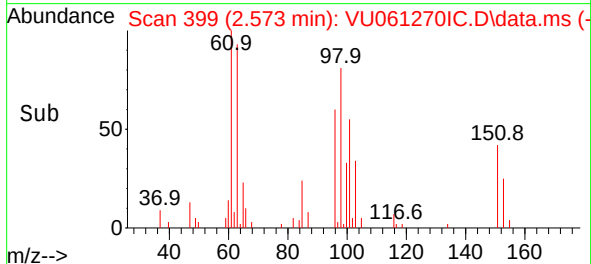
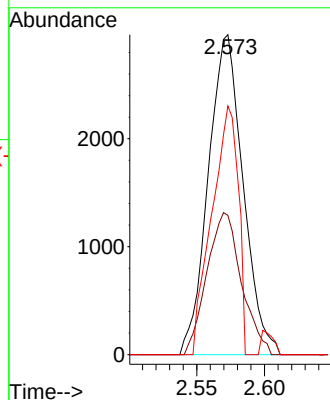
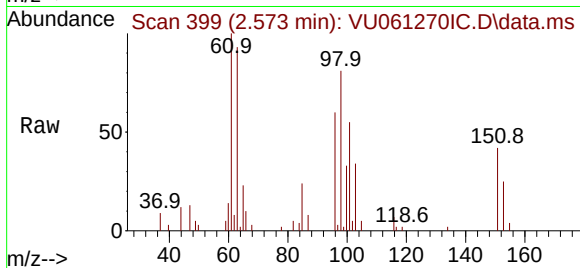




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 3.697 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU061270IC.D
Acq: 28 Oct 2024 17:08

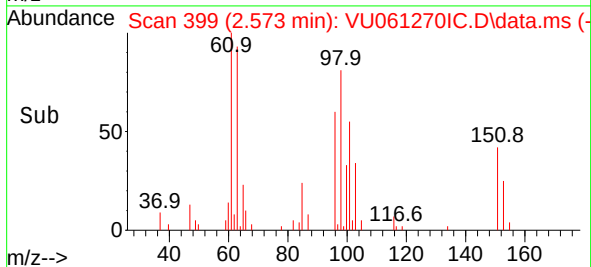
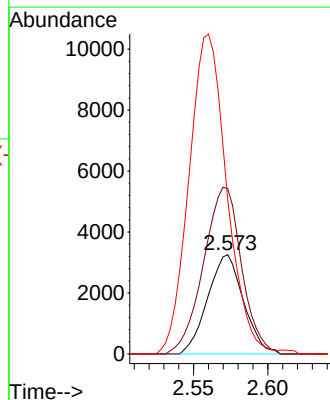
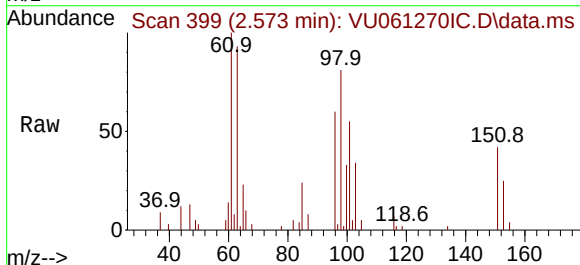
Instrument :
MSVOA_U
ClientSampleId :

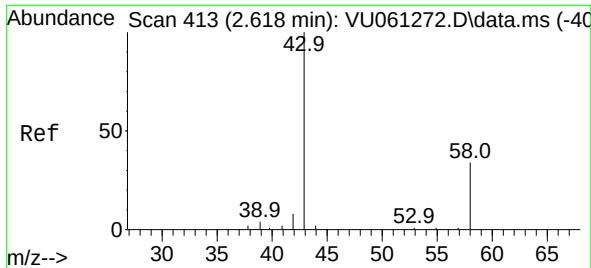
Tgt Ion:101 Resp: 5284
Ion Ratio Lower Upper
101 100
85 44.2 36.4 54.6
151 59.0 57.0 85.4



#12
1,1-Dichloroethene
Concen: 4.048 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU061270IC.D
Acq: 28 Oct 2024 17:08

Tgt Ion: 96 Resp: 5454
Ion Ratio Lower Upper
96 100
61 166.6 117.1 217.5
63 155.4 86.6 160.8





#13

Acetone

Concen: 9.164 ug/L

RT: 2.621 min Scan# 413

Delta R.T. 0.003 min

Lab File: VU061270IC.D

Acq: 28 Oct 2024 17:08

Instrument :

MSVOA_U

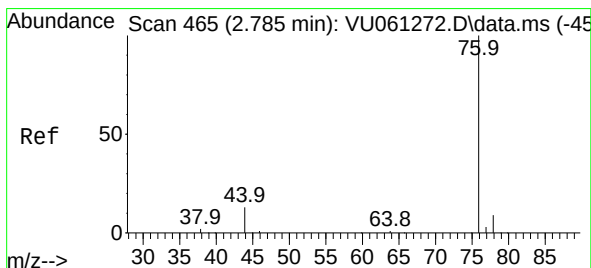
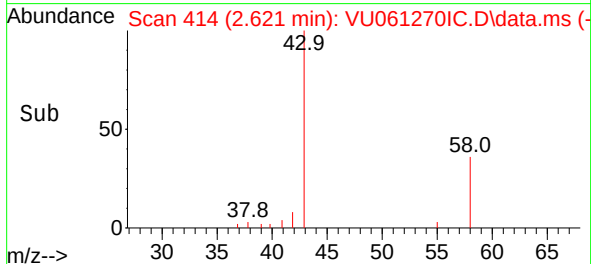
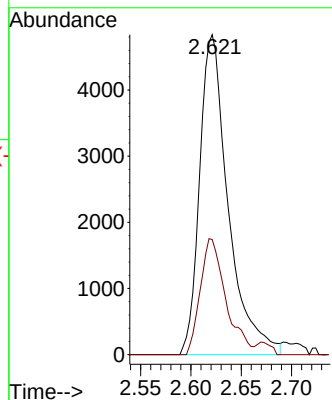
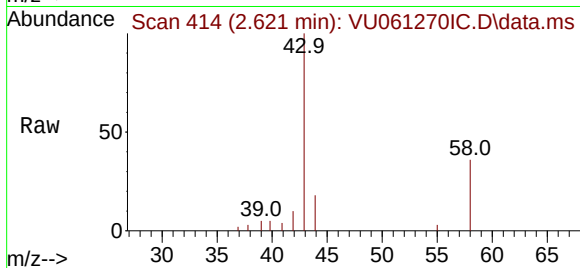
ClientSampleId :

Tgt Ion: 43 Resp: 9556

Ion Ratio Lower Upper

43 100

58 32.5 0.0 68.2



#14

Carbon disulfide

Concen: 4.525 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.000 min

Lab File: VU061270IC.D

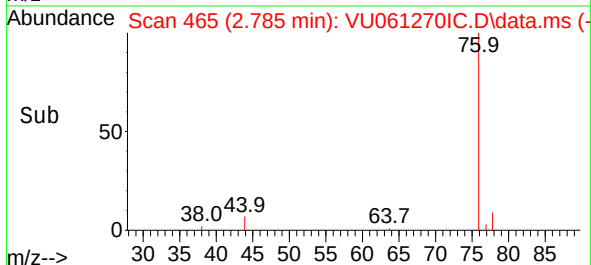
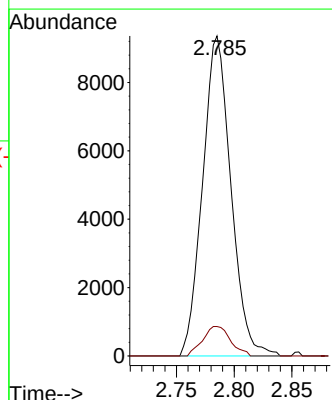
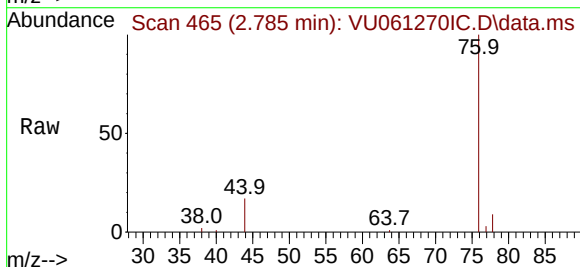
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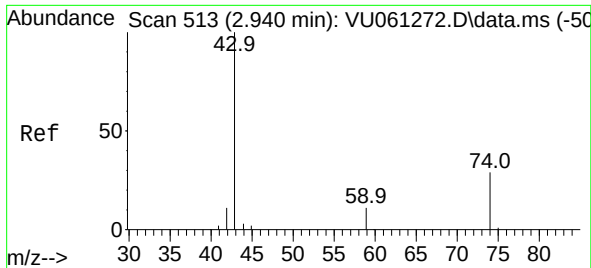
Tgt Ion: 76 Resp: 15970

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.2





#15

Methyl Acetate

Concen: 3.633 ug/L

RT: 2.946 min Scan# 513

Delta R.T. 0.006 min

Lab File: VU061270IC.D

Acq: 28 Oct 2024 17:08

Instrument :

MSVOA_U

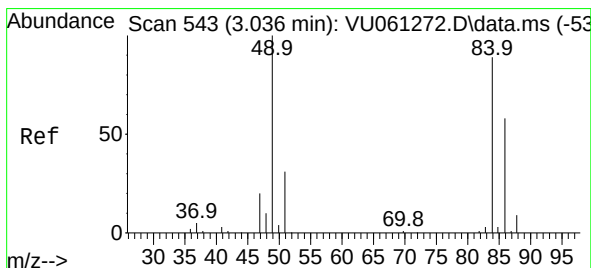
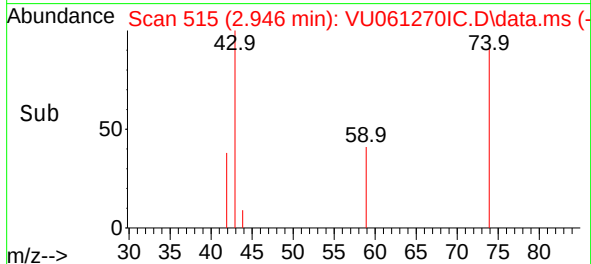
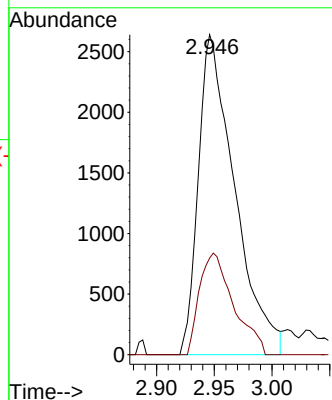
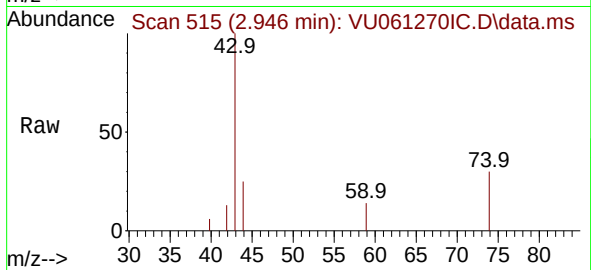
ClientSampleId :

Tgt Ion: 43 Resp: 5777

Ion Ratio Lower Upper

43 100

74 29.8 23.2 34.8



#16

Methylene chloride

Concen: 3.421 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.000 min

Lab File: VU061270IC.D

Acq: 28 Oct 2024 17:08

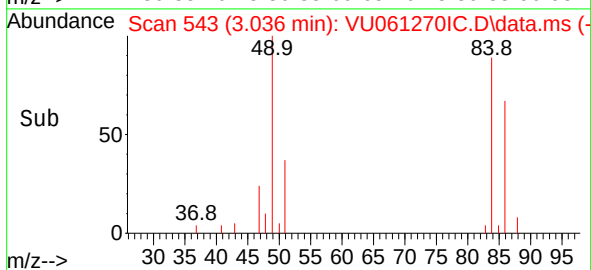
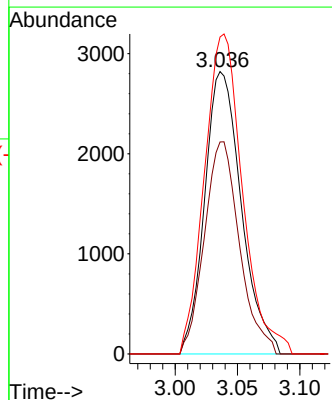
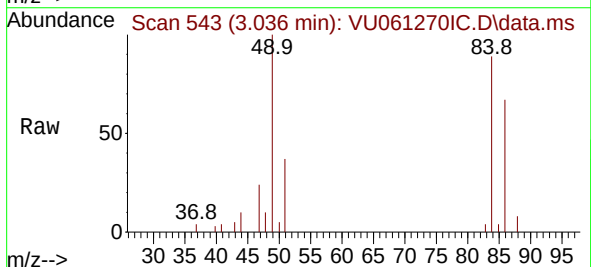
Tgt Ion: 84 Resp: 5778

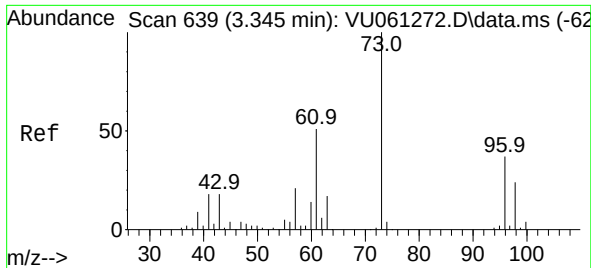
Ion Ratio Lower Upper

84 100

86 75.1 45.3 84.1

49 112.2 78.3 145.5

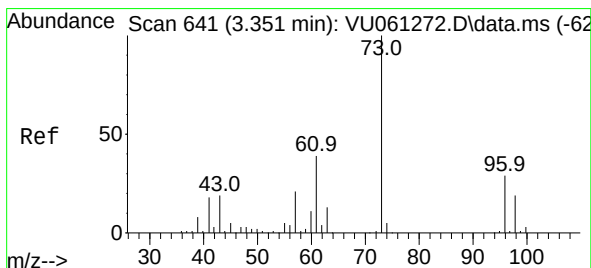
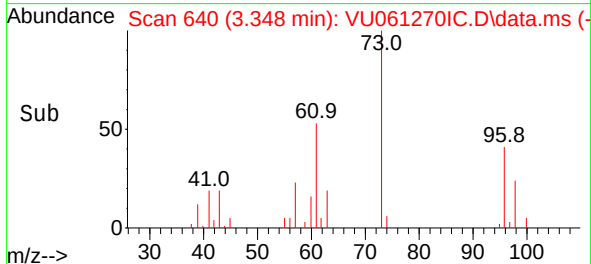
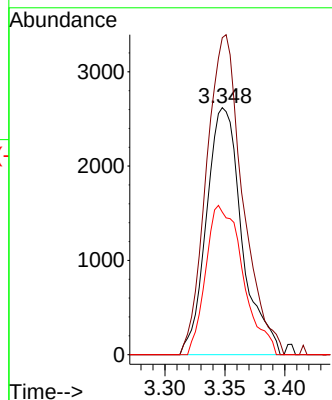
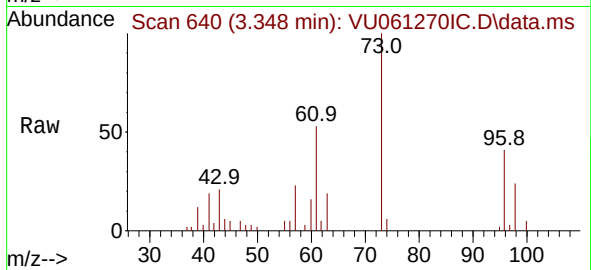




#17
trans-1,2-Dichloroethene
Concen: 3.864 ug/L
RT: 3.348 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU061270IC.D
Acq: 28 Oct 2024 17:08

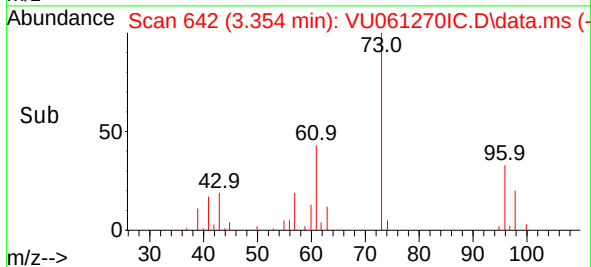
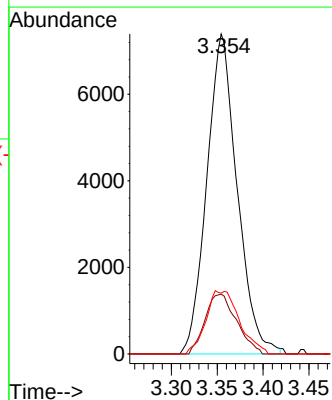
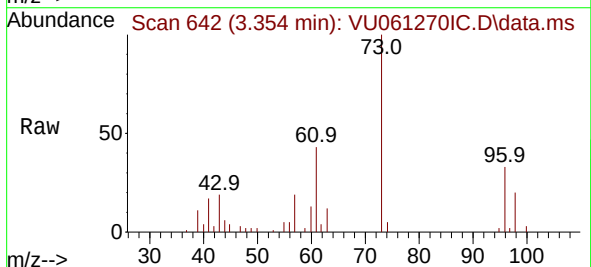
Instrument :
MSVOA_U
ClientSampleId :

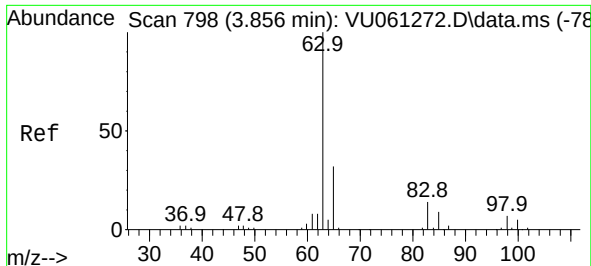
Tgt Ion: 96 Resp: 5390
Ion Ratio Lower Upper
96 100
61 128.3 95.3 177.1
98 57.7 46.0 85.4



#18
Methyl tert-butyl Ether
Concen: 3.710 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.003 min
Lab File: VU061270IC.D
Acq: 28 Oct 2024 17:08

Tgt Ion: 73 Resp: 17001
Ion Ratio Lower Upper
73 100
43 19.4 14.8 22.2
57 10.5 17.0 25.6#





#19

1,1-Dichloroethane

Concen: 3.650 ug/L

RT: 3.859 min Scan# 799

Delta R.T. 0.003 min

Lab File: VU061270IC.D

Acq: 28 Oct 2024 17:08

Instrument :

MSVOA_U

ClientSampleId :

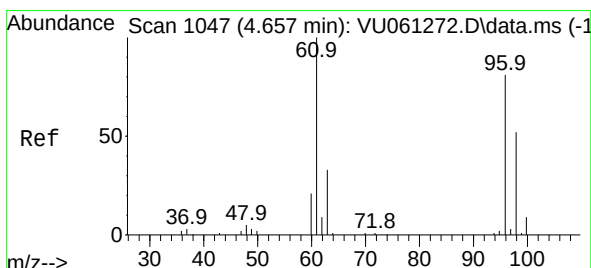
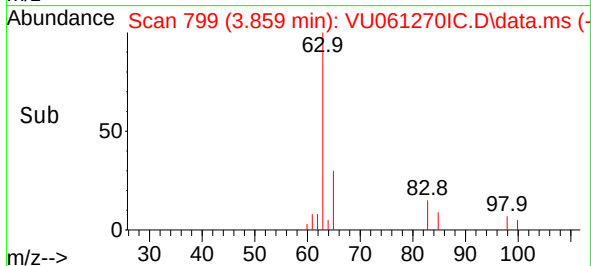
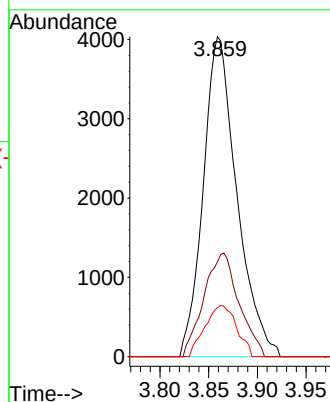
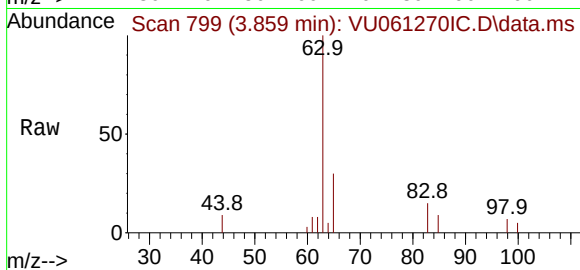
Tgt Ion: 63 Resp: 9675

Ion Ratio Lower Upper

63 100

65 29.7 22.3 41.3

83 15.3 9.9 18.3



#20

cis-1,2-Dichloroethene

Concen: 3.667 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. 0.006 min

Lab File: VU061270IC.D

Acq: 28 Oct 2024 17:08

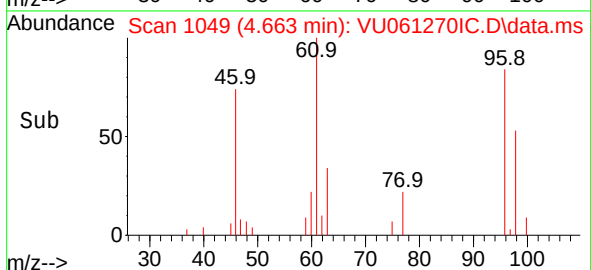
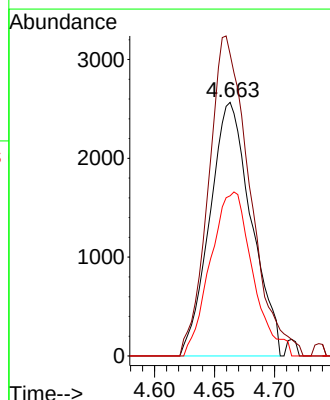
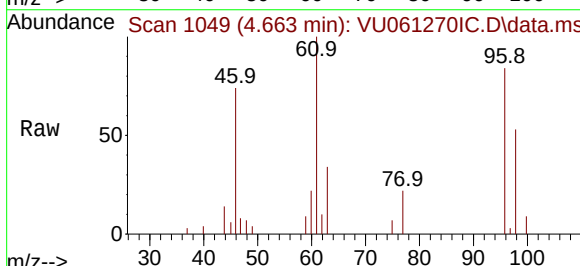
Tgt Ion: 96 Resp: 6183

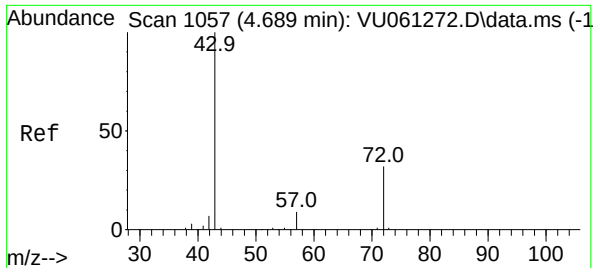
Ion Ratio Lower Upper

96 100

61 119.0 87.2 161.9

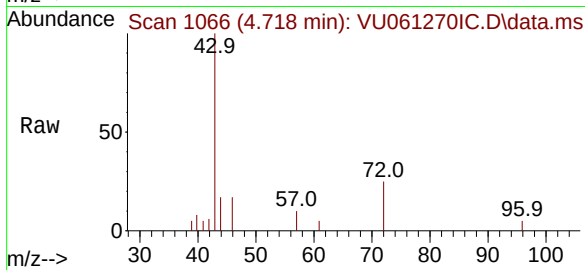
98 63.1 45.2 84.0



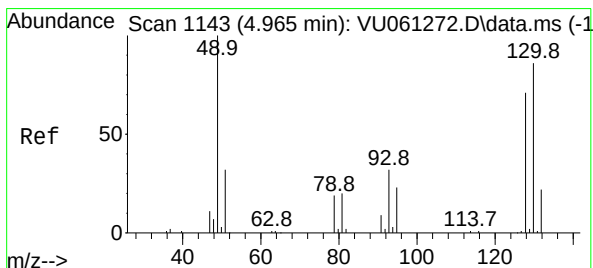
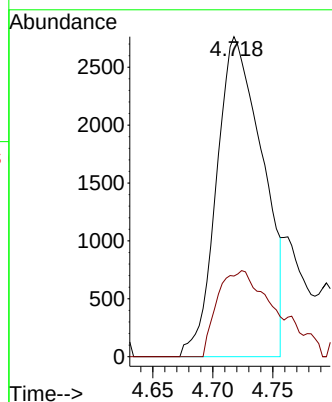
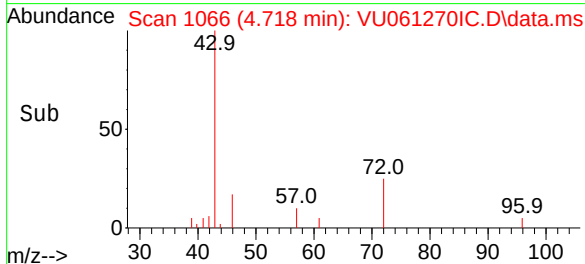


#22
2-Butanone
Concen: 5.647 ug/L
RT: 4.718 min Scan# 1066
Delta R.T. 0.029 min
Lab File: VU061270IC.D
Acq: 28 Oct 2024 17:08

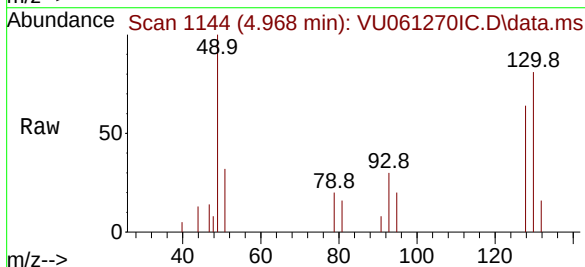
Instrument :
MSVOA_U
ClientSampleId :



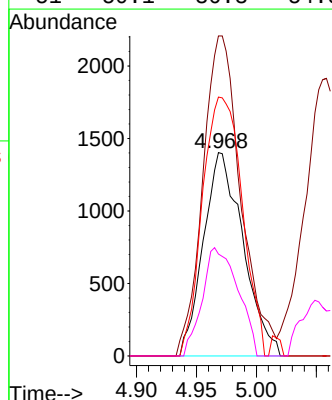
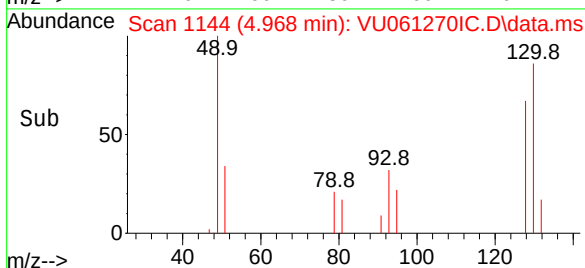
Tgt Ion: 43 Resp: 7365
Ion Ratio Lower Upper
43 100
72 29.4 15.8 47.4

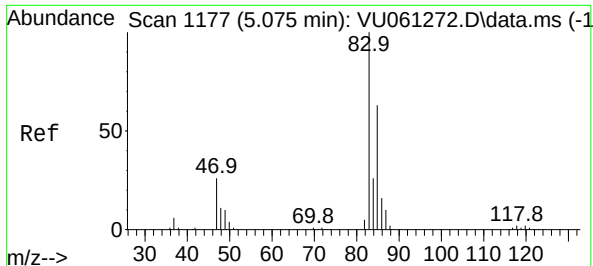


#23
Bromochloromethane
Concen: 3.633 ug/L
RT: 4.968 min Scan# 1144
Delta R.T. 0.003 min
Lab File: VU061270IC.D
Acq: 28 Oct 2024 17:08



Tgt Ion:128 Resp: 3220
Ion Ratio Lower Upper
128 100
49 157.3 98.7 183.3
130 127.2 85.0 157.8
51 50.1 36.3 54.5





#25

Chloroform

Concen: 3.695 ug/L

RT: 5.078 min Scan# 1177

Delta R.T. 0.003 min

Lab File: VU061270IC.D

Acq: 28 Oct 2024 17:08

Instrument :

MSVOA_U

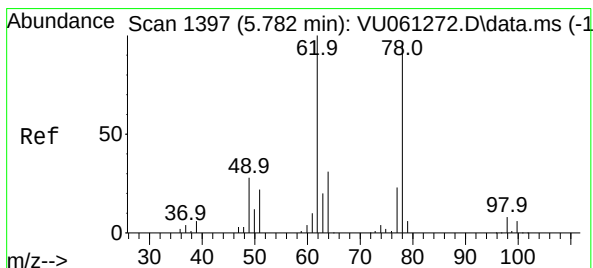
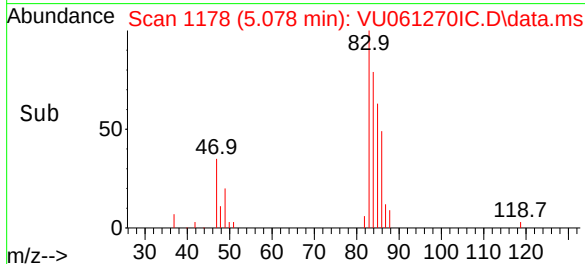
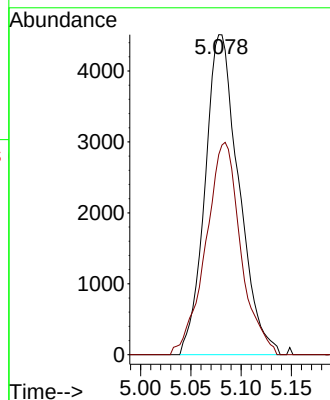
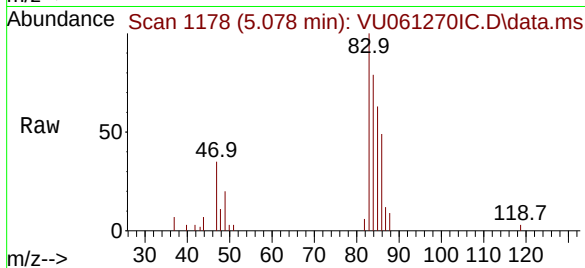
ClientSampleId :

Tgt Ion: 83 Resp: 10547

Ion Ratio Lower Upper

83 100

85 62.6 44.3 82.3



#27

1,2-Dichloroethane

Concen: 3.807 ug/L

RT: 5.791 min Scan# 1400

Delta R.T. 0.010 min

Lab File: VU061270IC.D

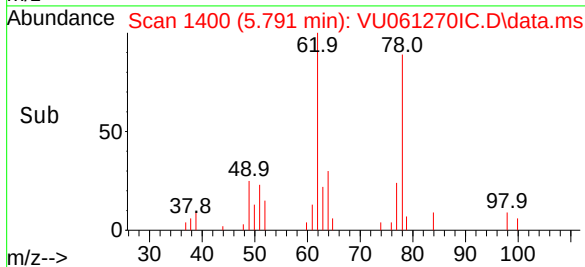
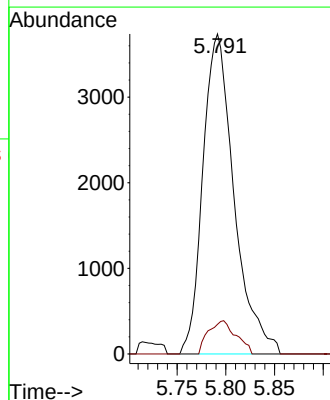
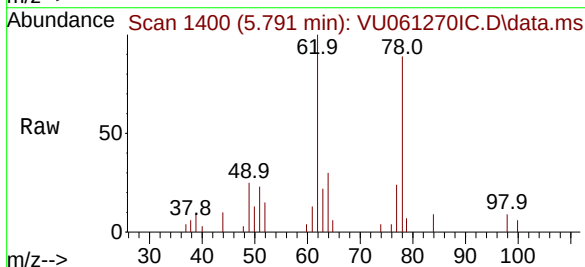
Acq: 28 Oct 2024 17:08

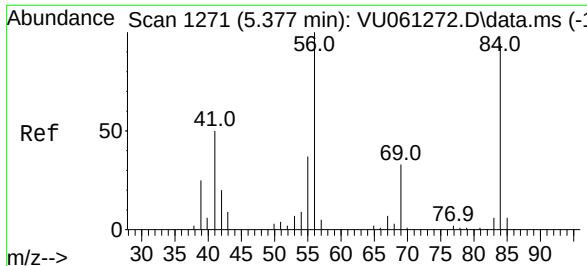
Tgt Ion: 62 Resp: 8325

Ion Ratio Lower Upper

62 100

98 9.3 6.6 10.0





#29

Cyclohexane

Concen: 4.394 ug/L

RT: 5.377 min Scan# 1271

Delta R.T. -0.000 min

Lab File: VU061270IC.D

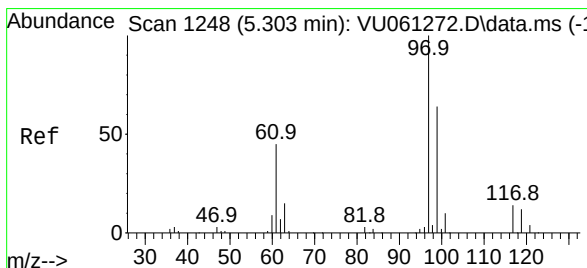
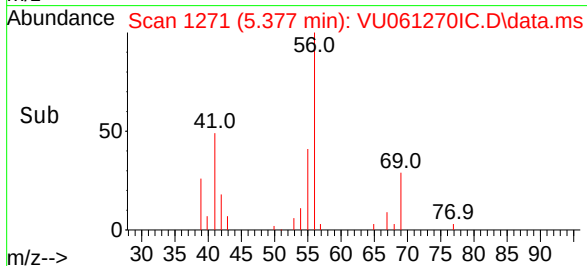
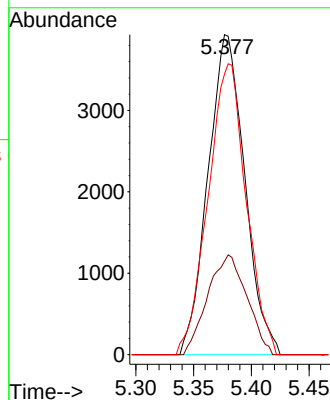
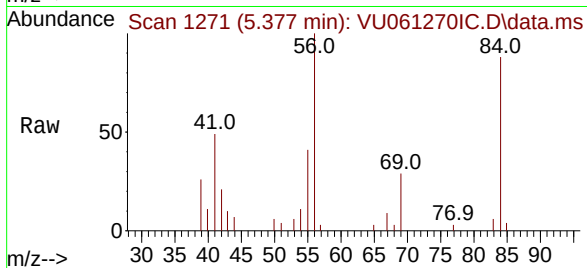
Acq: 28 Oct 2024 17:08

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 56	Resp:	8695
Ion Ratio	Lower	Upper
56	100	
69	33.2	26.3 39.5
84	94.0	74.6 112.0



#30

1,1,1-Trichloroethane

Concen: 4.058 ug/L

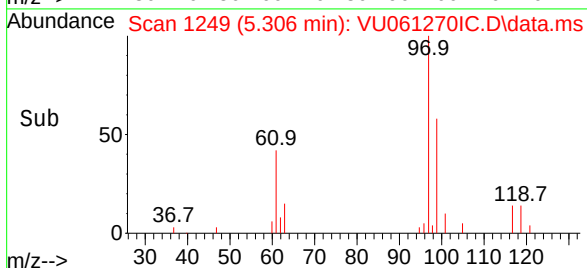
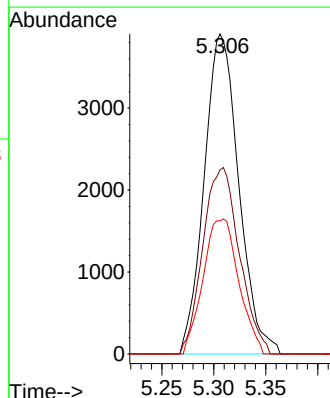
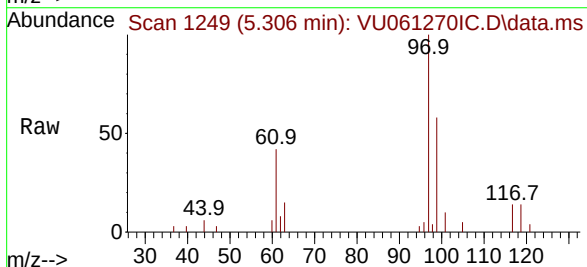
RT: 5.306 min Scan# 1249

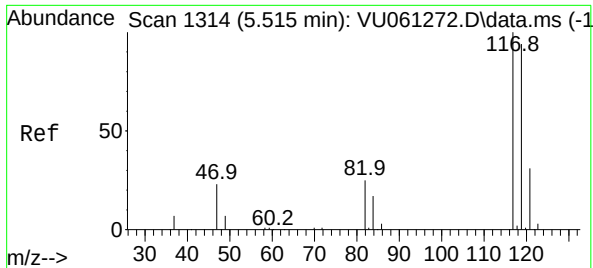
Delta R.T. 0.003 min

Lab File: VU061270IC.D

Acq: 28 Oct 2024 17:08

Tgt Ion: 97	Resp:	9036
Ion Ratio	Lower	Upper
97	100	
99	61.5	51.0 76.6
61	43.5	35.9 53.9

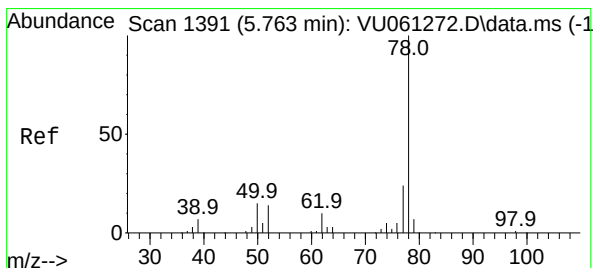
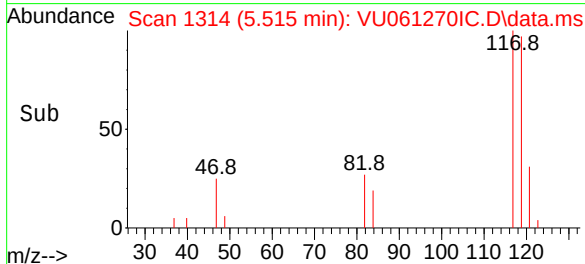
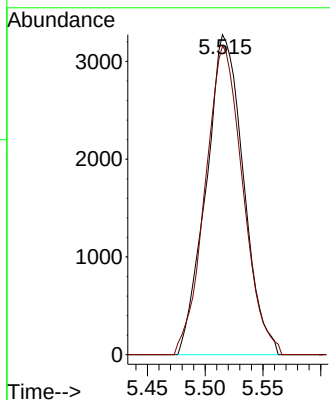
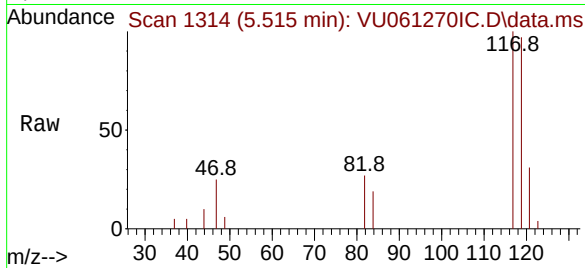




#31
Carbon tetrachloride
Concen: 3.974 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU061270IC.D
Acq: 28 Oct 2024 17:08

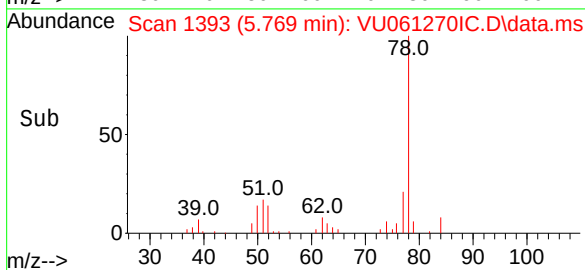
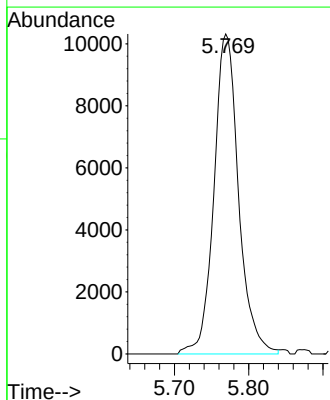
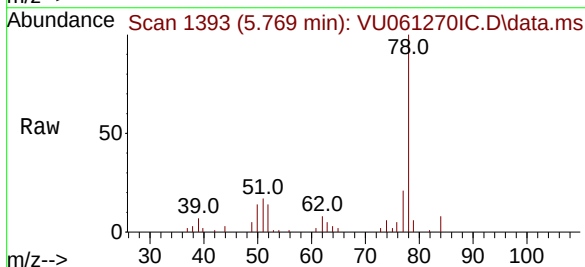
Instrument :
MSVOA_U
ClientSampleId :

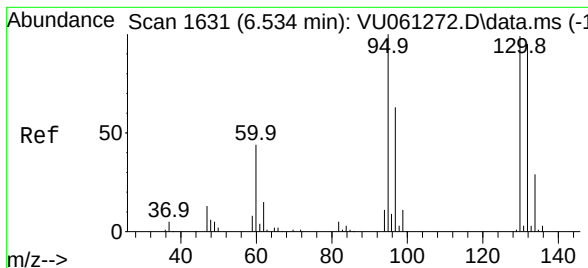
Tgt Ion:117 Resp: 7360
Ion Ratio Lower Upper
117 100
119 97.3 76.7 115.1



#33
Benzene
Concen: 4.138 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.006 min
Lab File: VU061270IC.D
Acq: 28 Oct 2024 17:08

Tgt Ion: 78 Resp: 23838





#34

Trichloroethene

Concen: 3.883 ug/L

RT: 6.537 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU061270IC.D

Acq: 28 Oct 2024 17:08

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 5970

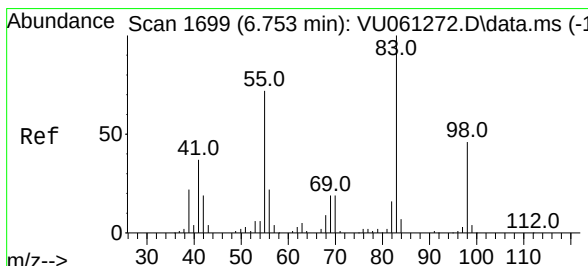
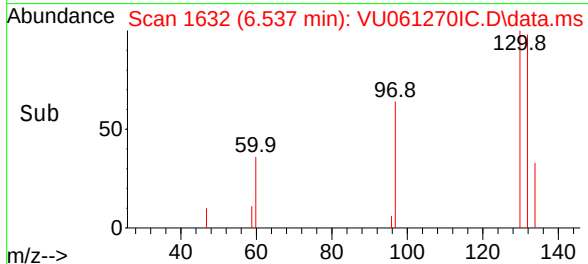
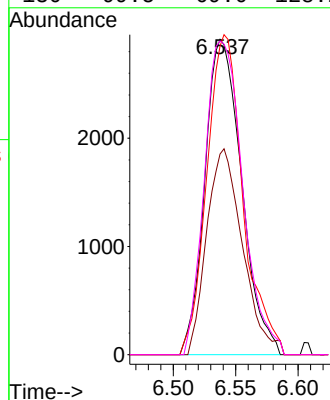
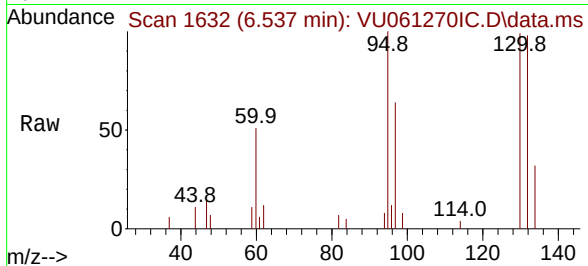
Ion Ratio Lower Upper

95 100

97 63.6 44.2 82.0

132 97.9 66.6 123.6

130 99.5 69.0 128.2



#35

Methylcyclohexane

Concen: 4.259 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. 0.003 min

Lab File: VU061270IC.D

Acq: 28 Oct 2024 17:08

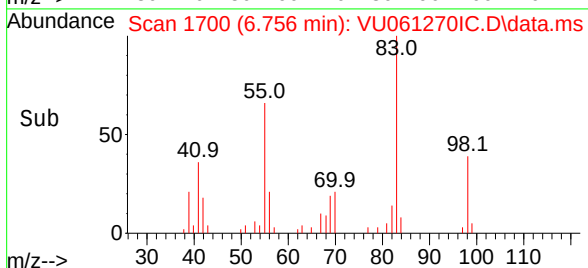
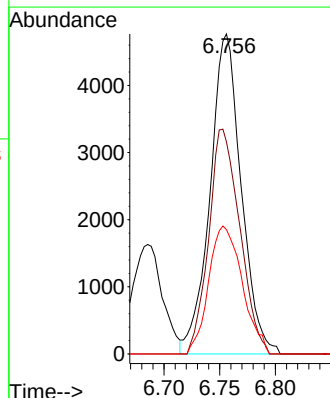
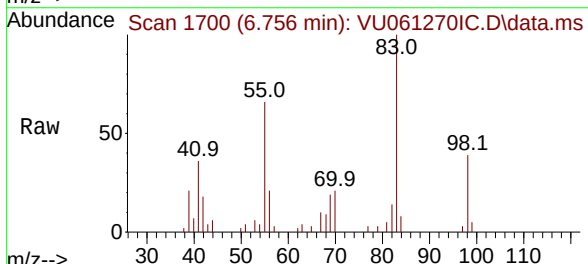
Tgt Ion: 83 Resp: 9266

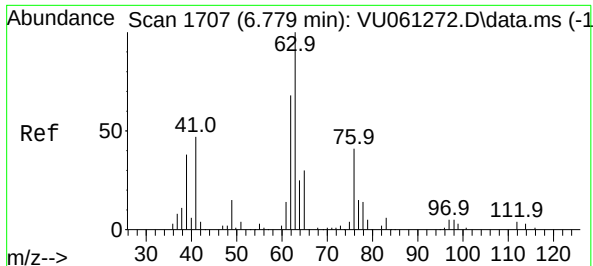
Ion Ratio Lower Upper

83 100

55 70.0 55.1 82.7

98 43.1 36.7 55.1

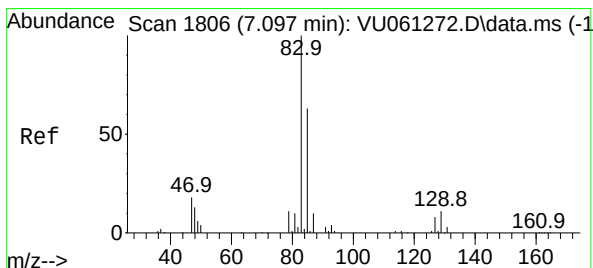
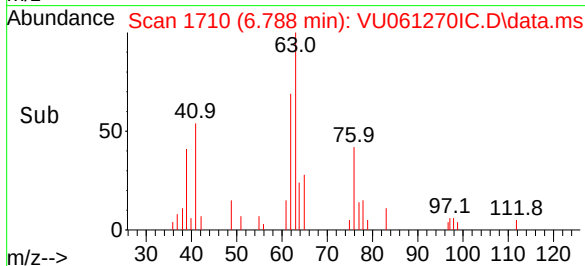
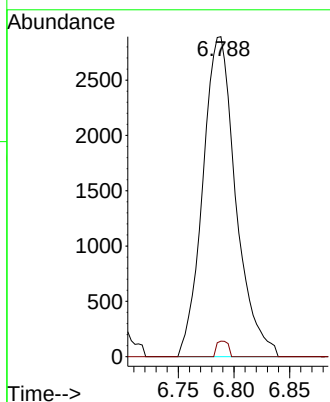
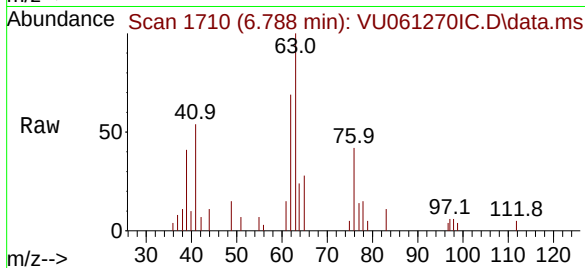




#37
1,2-Dichloropropane
Concen: 3.799 ug/L
RT: 6.788 min Scan# 1
Delta R.T. 0.010 min
Lab File: VU061270IC.D
Acq: 28 Oct 2024 17:08

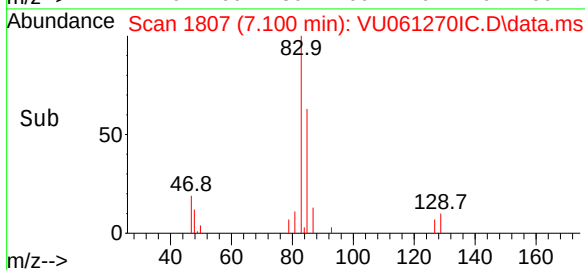
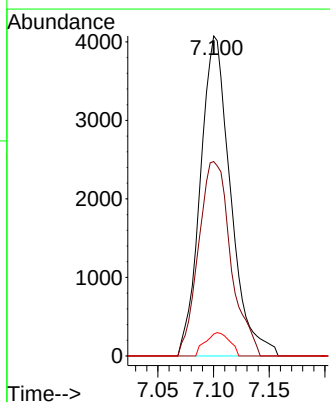
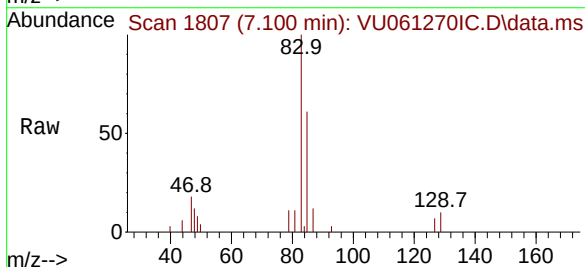
Instrument :
MSVOA_U
ClientSampleId :

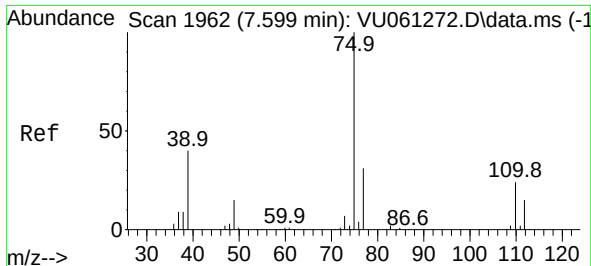
Tgt Ion: 63 Resp: 5957
Ion Ratio Lower Upper
63 100
112 1.7 3.3 4.9#



#38
Bromodichloromethane
Concen: 3.847 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VU061270IC.D
Acq: 28 Oct 2024 17:08

Tgt Ion: 83 Resp: 7687
Ion Ratio Lower Upper
83 100
85 60.7 44.2 82.0
127 6.8 6.3 9.5

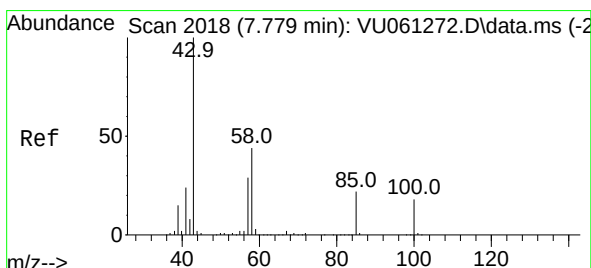
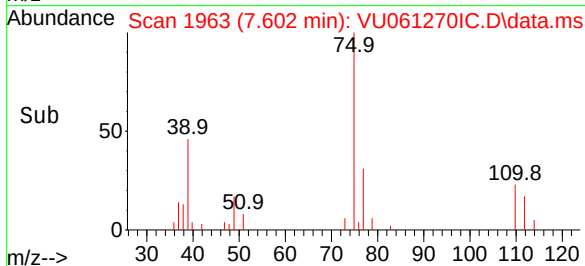
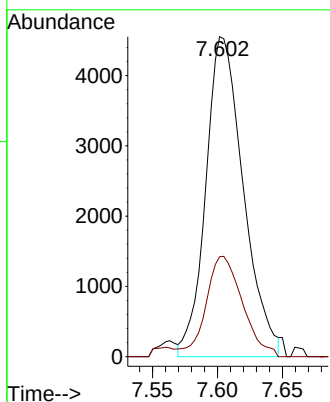
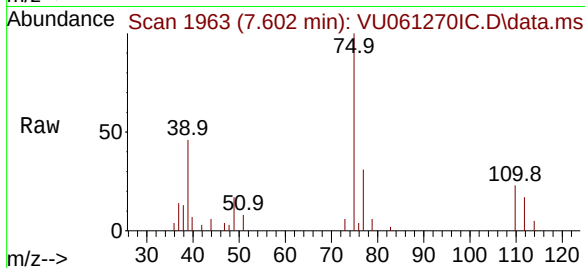




#39
 cis-1,3-Dichloropropene
 Concen: 3.772 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.003 min
 Lab File: VU061270IC.D
 Acq: 28 Oct 2024 17:08

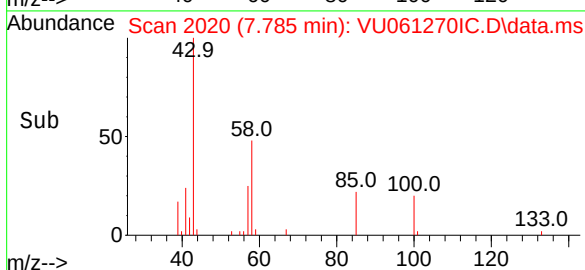
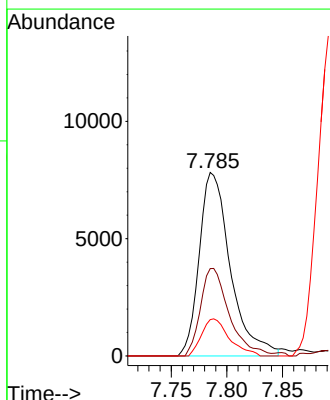
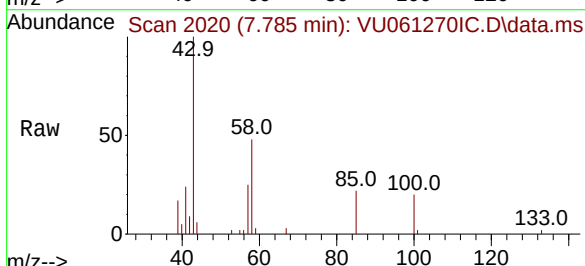
Instrument :
 MSVOA_U
 ClientSampleId :

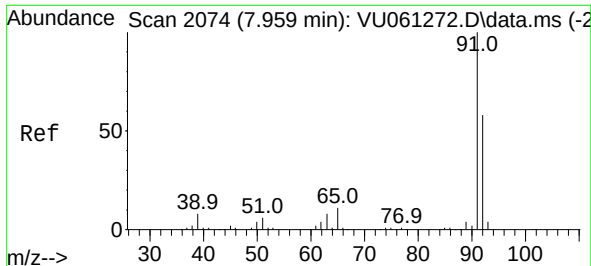
Tgt Ion: 75 Resp: 9157
 Ion Ratio Lower Upper
 75 100
 77 31.2 22.5 41.7



#40
 4-Methyl-2-pentanone
 Concen: 7.495 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. 0.006 min
 Lab File: VU061270IC.D
 Acq: 28 Oct 2024 17:08

Tgt Ion: 43 Resp: 15220
 Ion Ratio Lower Upper
 43 100
 58 43.9 35.2 52.8
 100 18.0 14.4 21.6





#42

Toluene

Concen: 3.875 ug/L

RT: 7.965 min Scan# 2074

Delta R.T. 0.006 min

Lab File: VU061270IC.D

Acq: 28 Oct 2024 17:08

Instrument :

MSVOA_U

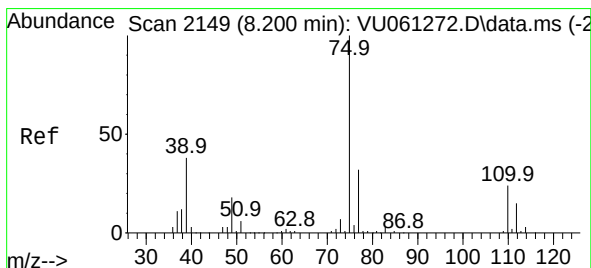
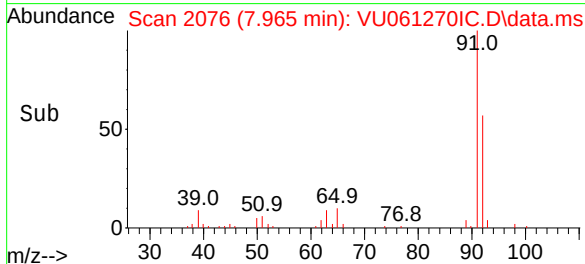
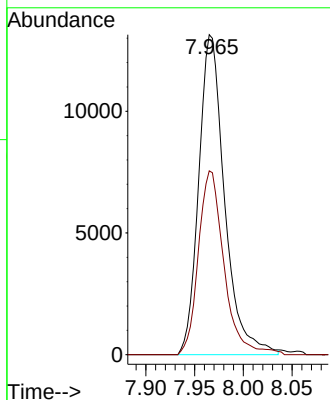
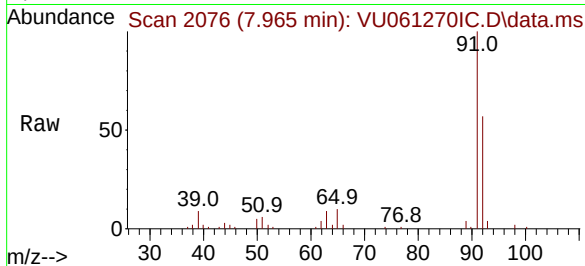
ClientSampleId :

Tgt Ion: 91 Resp: 24275

Ion Ratio Lower Upper

91 100

92 57.4 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 3.574 ug/L

RT: 8.209 min Scan# 2152

Delta R.T. 0.010 min

Lab File: VU061270IC.D

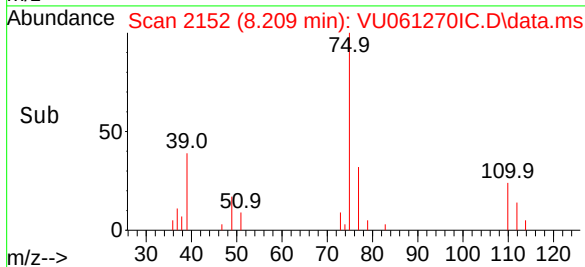
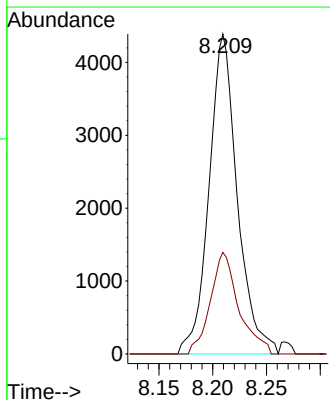
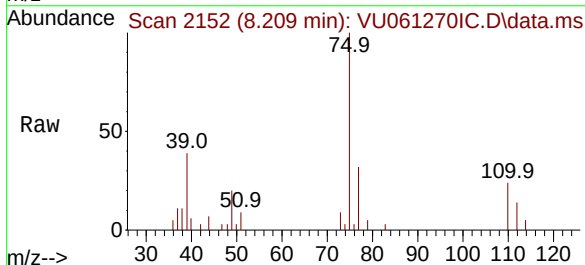
Acq: 28 Oct 2024 17:08

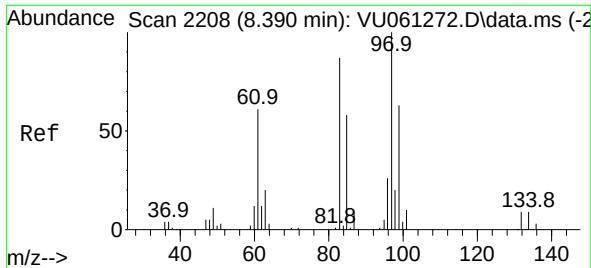
Tgt Ion: 75 Resp: 8031

Ion Ratio Lower Upper

75 100

77 31.7 22.2 41.2

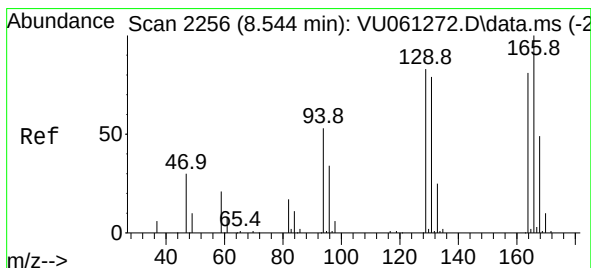
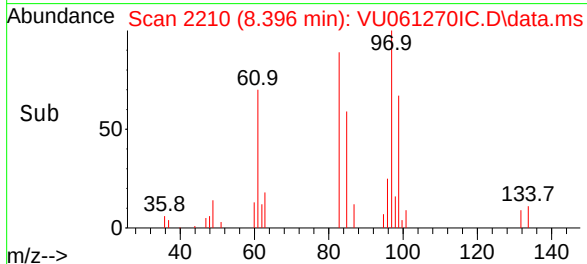
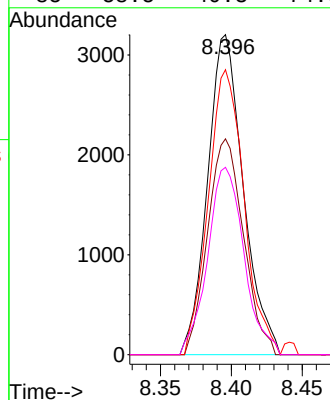
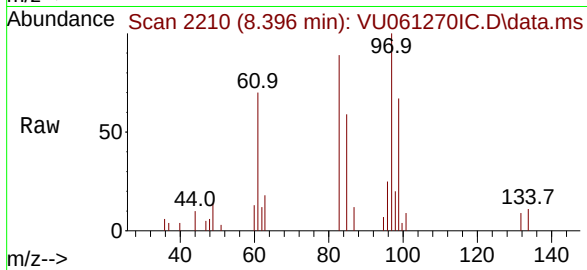




#45
1,1,2-Trichloroethane
Concen: 3.434 ug/L
RT: 8.396 min Scan# 2210
Delta R.T. 0.006 min
Lab File: VU061270IC.D
Acq: 28 Oct 2024 17:08

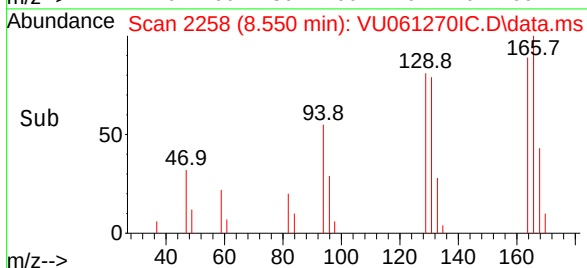
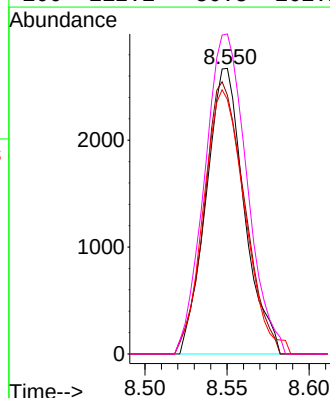
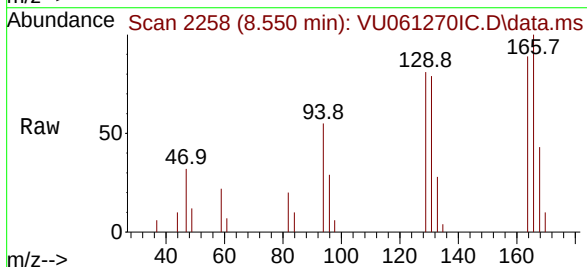
Instrument :
MSVOA_U
ClientSampleId :

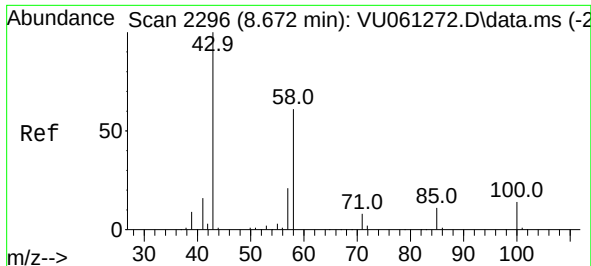
Tgt Ion:	97	Resp:	5616
Ion	Ratio	Lower	Upper
97	100		
99	71.1	44.4	82.5
83	89.1	61.0	113.2
85	58.5	40.3	74.9



#46
Tetrachloroethene
Concen: 3.514 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.006 min
Lab File: VU061270IC.D
Acq: 28 Oct 2024 17:08

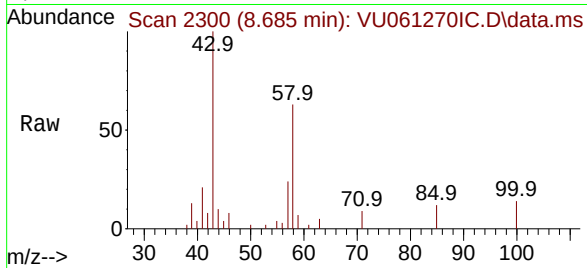
Tgt Ion:	164	Resp:	4314
Ion	Ratio	Lower	Upper
164	100		
129	90.6	71.6	133.0
131	89.1	68.6	127.4
166	112.1	86.8	161.2



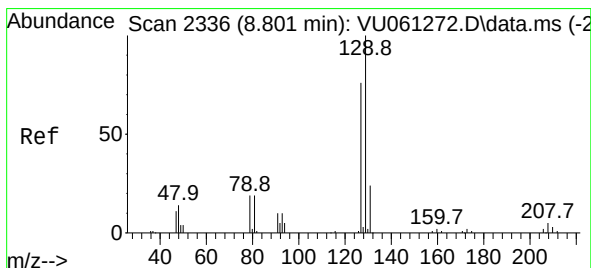
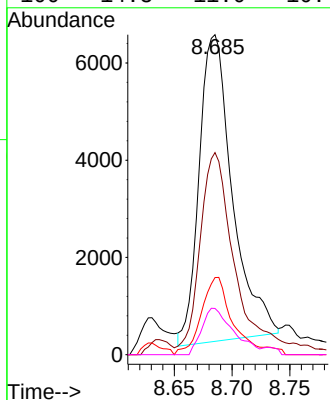
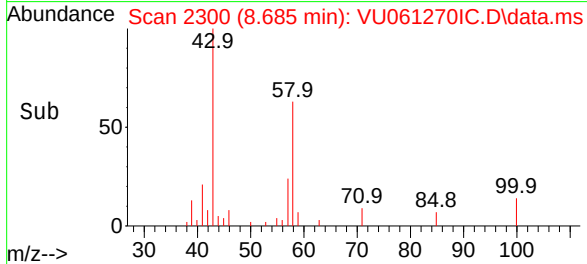


#48
2-Hexanone
Concen: 7.467 ug/L
RT: 8.685 min Scan# 2300
Delta R.T. 0.013 min
Lab File: VU061270IC.D
Acq: 28 Oct 2024 17:08

Instrument :
MSVOA_U
ClientSampleId :

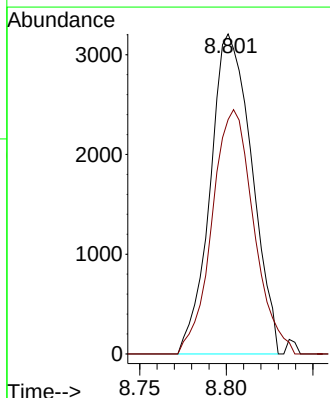
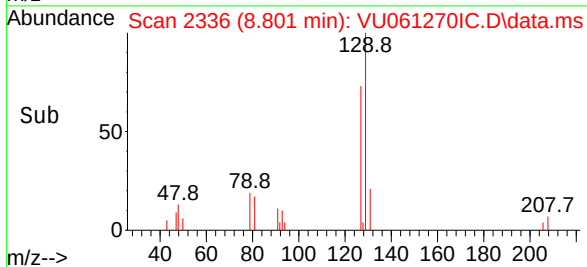
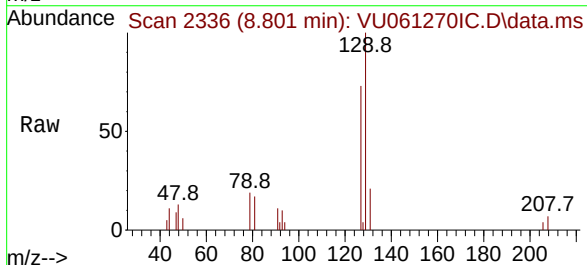


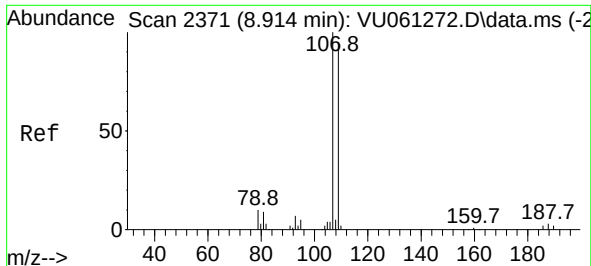
Tgt Ion: 43 Resp: 12657
Ion Ratio Lower Upper
43 100
58 63.9 49.2 73.8
57 23.2 17.4 26.2
100 14.3 11.0 16.4



#49
Dibromochloromethane
Concen: 3.309 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU061270IC.D
Acq: 28 Oct 2024 17:08

Tgt Ion: 129 Resp: 5355
Ion Ratio Lower Upper
129 100
127 76.9 53.5 99.3

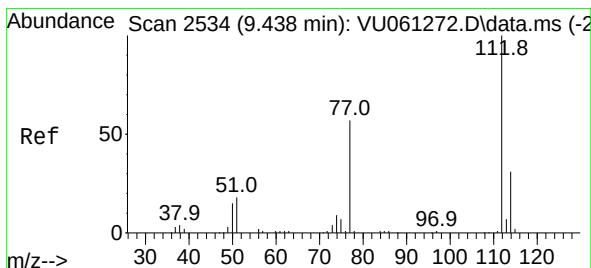
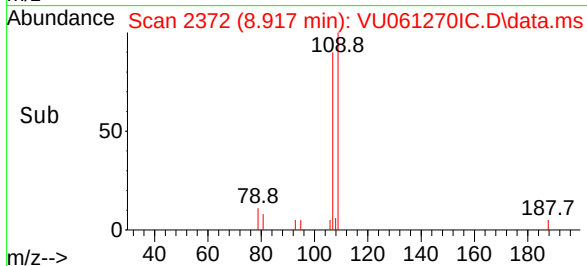
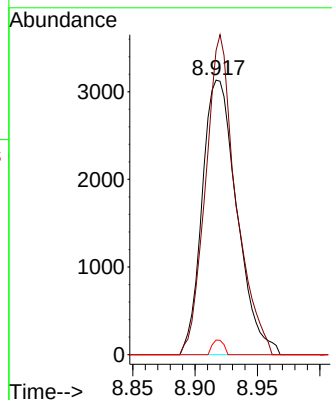
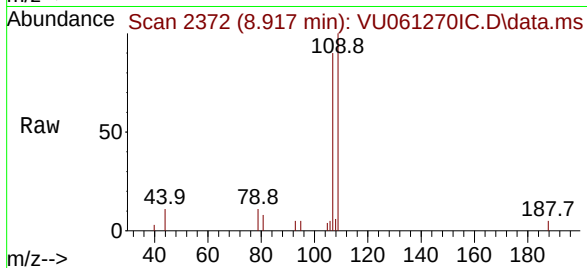




#50
1,2-Dibromoethane
Concen: 3.514 ug/L
RT: 8.917 min Scan# 24
Delta R.T. 0.003 min
Lab File: VU061270IC.D
Acq: 28 Oct 2024 17:08

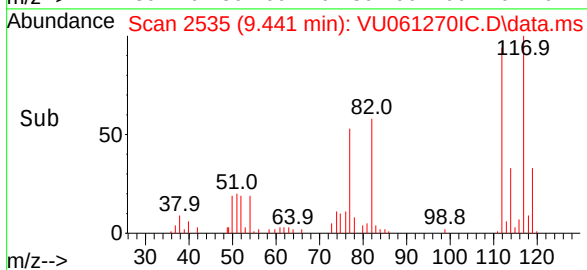
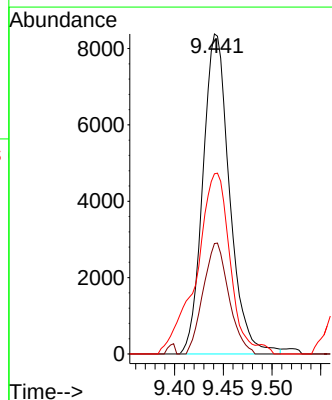
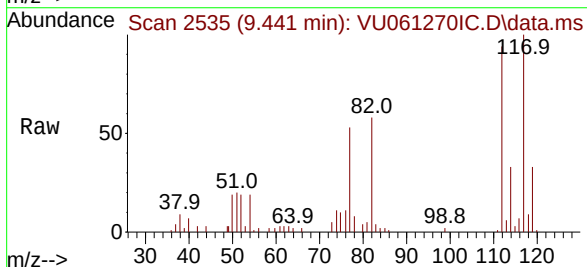
Instrument :
MSVOA_U
ClientSampleId :

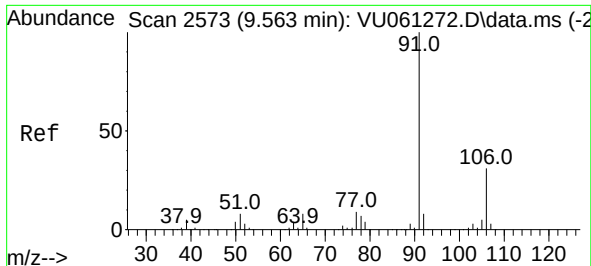
Tgt Ion:107 Resp: 6072
Ion Ratio Lower Upper
107 100
109 110.8 66.8 124.0
188 5.3 2.8 4.2#



#51
Chlorobenzene
Concen: 3.854 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.003 min
Lab File: VU061270IC.D
Acq: 28 Oct 2024 17:08

Tgt Ion:112 Resp: 15966
Ion Ratio Lower Upper
112 100
114 34.5 22.0 40.8
77 56.3 45.8 68.6





#52

Ethylbenzene

Concen: 3.812 ug/L

RT: 9.566 min Scan# 2574

Delta R.T. 0.003 min

Lab File: VU061270IC.D

Acq: 28 Oct 2024 17:08

Instrument :

MSVOA_U

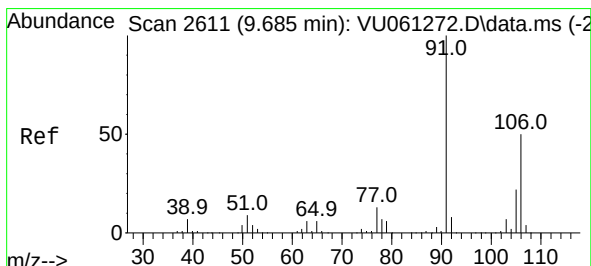
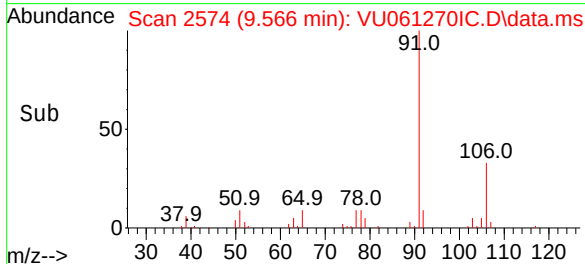
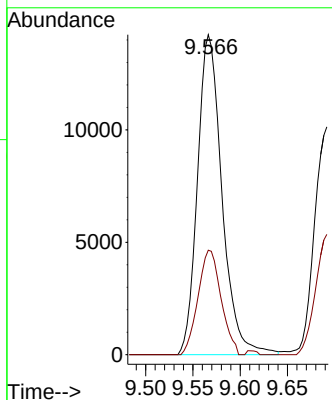
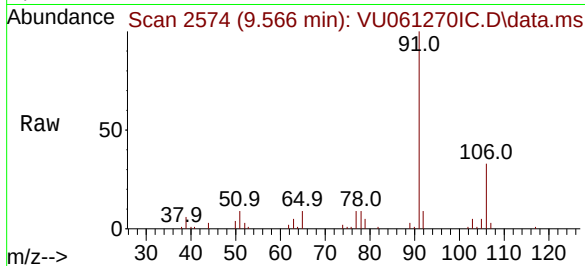
ClientSampleId :

Tgt Ion: 91 Resp: 25657

Ion Ratio Lower Upper

91 100

106 32.6 21.6 40.2



#53

m,p-Xylene

Concen: 3.729 ug/L

RT: 9.692 min Scan# 2613

Delta R.T. 0.006 min

Lab File: VU061270IC.D

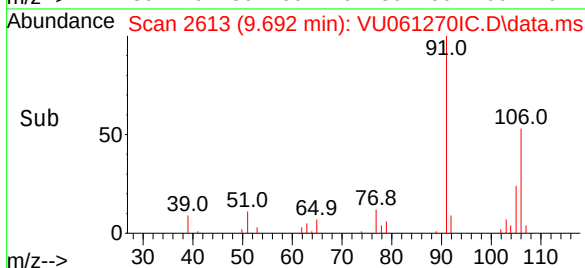
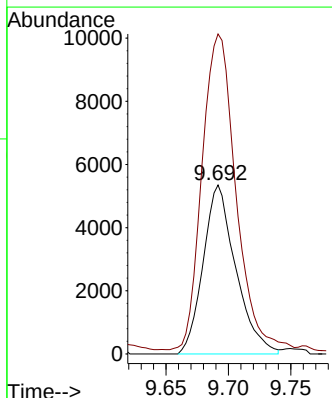
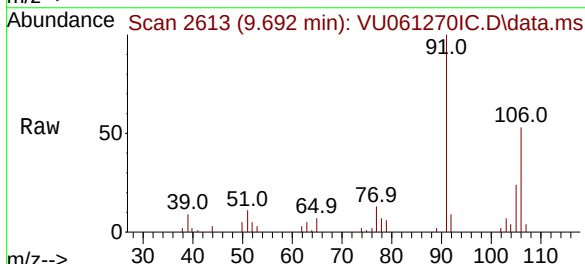
Acq: 28 Oct 2024 17:08

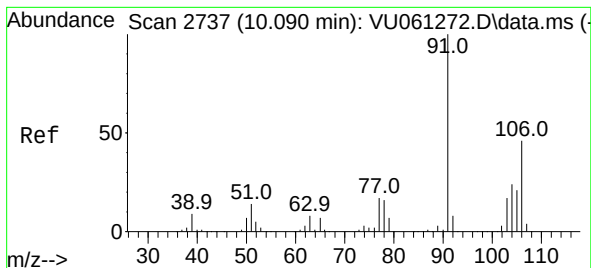
Tgt Ion:106 Resp: 9733

Ion Ratio Lower Upper

106 100

91 189.4 140.6 261.2





#54

o-Xylene

Concen: 3.571 ug/L

RT: 10.094 min Scan# 2737

Delta R.T. 0.003 min

Lab File: VU061270IC.D

Acq: 28 Oct 2024 17:08

Instrument :

MSVOA_U

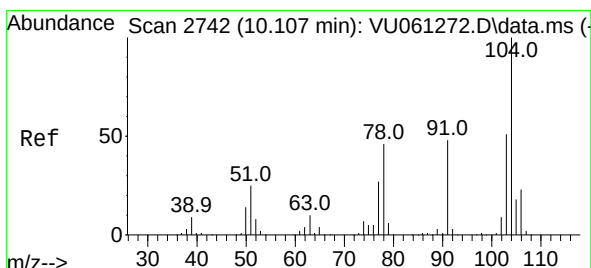
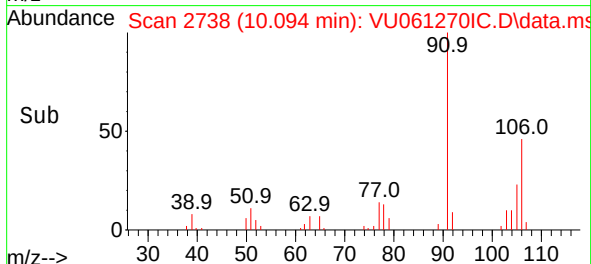
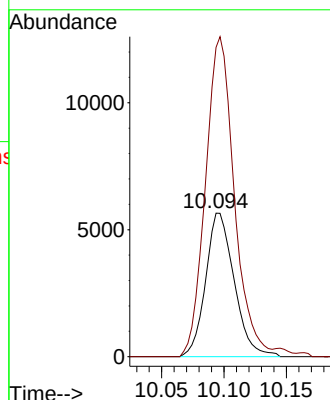
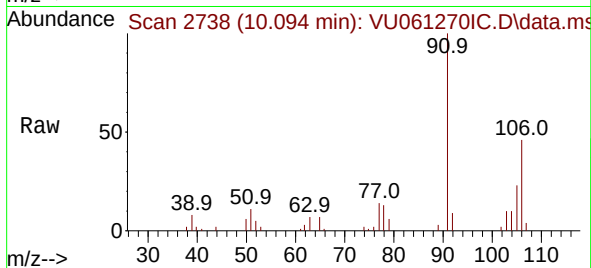
ClientSampleId :

Tgt Ion:106 Resp: 9007

Ion Ratio Lower Upper

106 100

91 199.5 152.7 283.7



#55

Styrene

Concen: 3.437 ug/L

RT: 10.113 min Scan# 2744

Delta R.T. 0.006 min

Lab File: VU061270IC.D

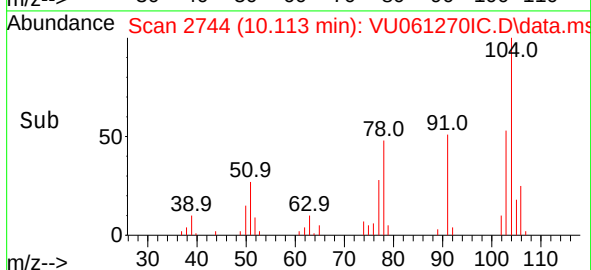
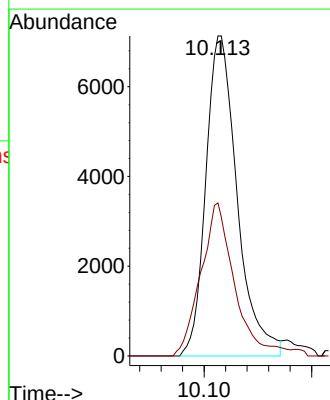
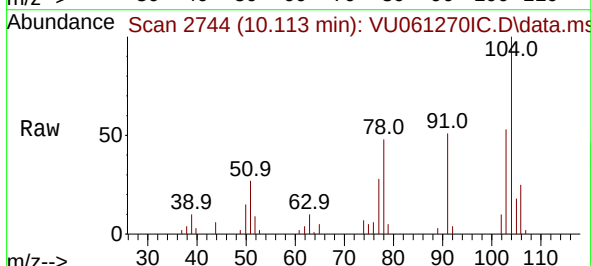
Acq: 28 Oct 2024 17:08

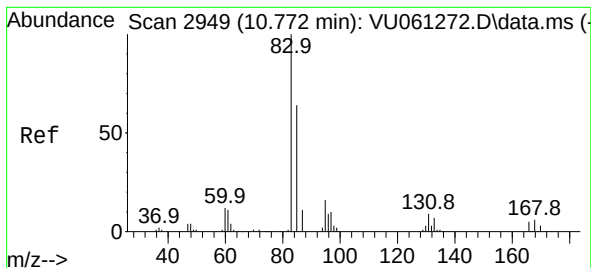
Tgt Ion:104 Resp: 14472

Ion Ratio Lower Upper

104 100

78 47.8 32.0 59.4





#57

1,1,2,2-Tetrachloroethane

Concen: 3.451 ug/L

RT: 10.775 min Scan# 2949

Delta R.T. 0.003 min

Lab File: VU061270IC.D

Acq: 28 Oct 2024 17:08

Instrument :

MSVOA_U

ClientSampleId :

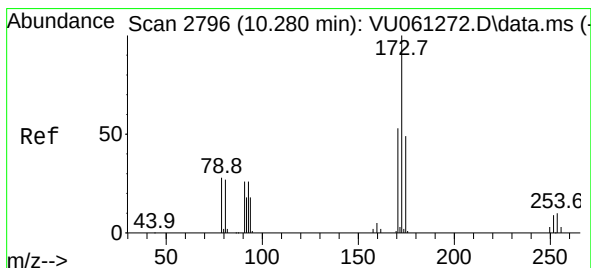
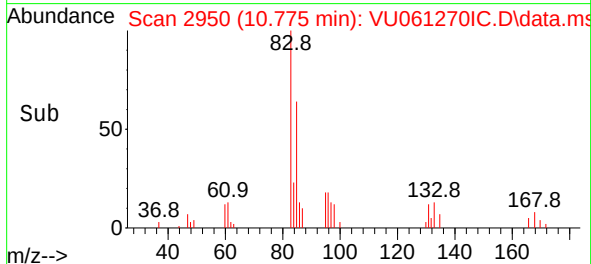
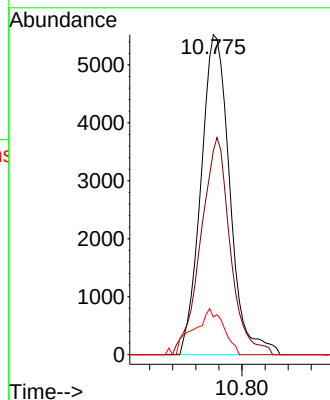
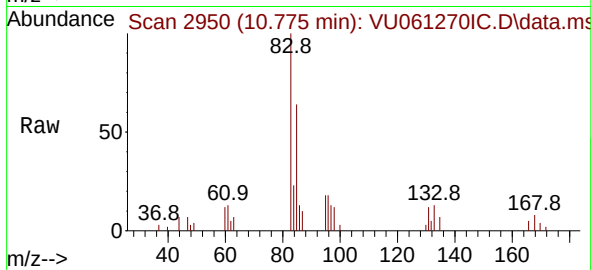
Tgt Ion: 83 Resp: 9591

Ion Ratio Lower Upper

83 100

85 63.6 45.3 84.1

131 17.0 7.5 11.3#



#59

Bromoform

Concen: 3.180 ug/L

RT: 10.286 min Scan# 2798

Delta R.T. 0.006 min

Lab File: VU061270IC.D

Acq: 28 Oct 2024 17:08

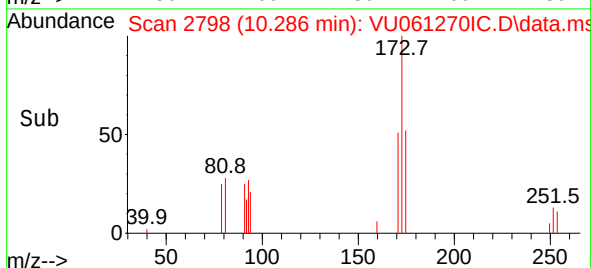
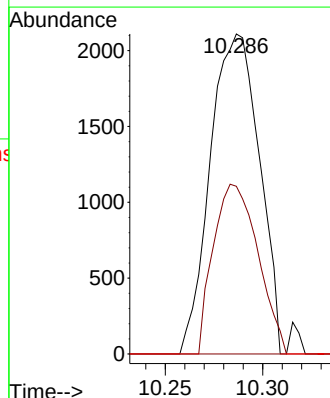
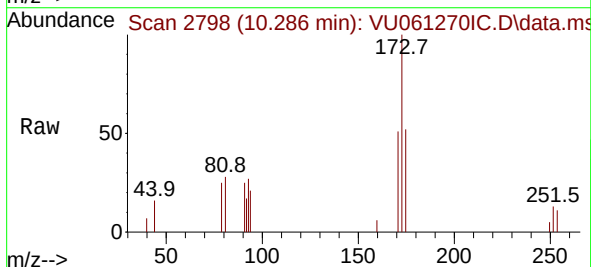
Tgt Ion:173 Resp: 3693

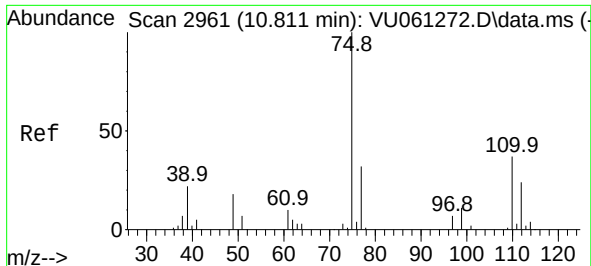
Ion Ratio Lower Upper

173 100

175 48.3 39.7 59.5

254 0.0 1.4 2.0#





#60

1,2,3-Trichloropropane

Concen: 4.073 ug/L

RT: 10.817 min Scan# 2961

Delta R.T. 0.006 min

Lab File: VU061270IC.D

Acq: 28 Oct 2024 17:08

Instrument :

MSVOA_U

ClientSampleId :

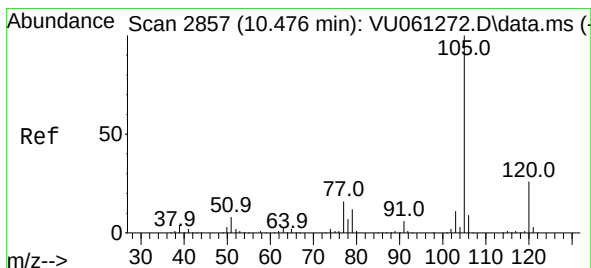
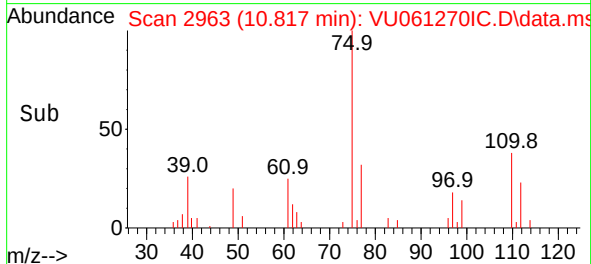
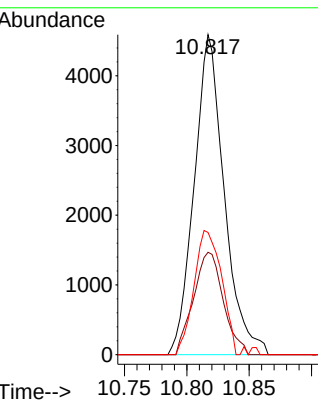
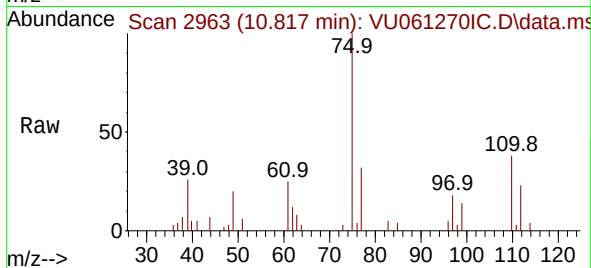
Tgt Ion: 75 Resp: 7690

Ion Ratio Lower Upper

75 100

77 31.8 25.5 38.3

110 35.7 29.8 44.6



#61

Isopropylbenzene

Concen: 4.122 ug/L

RT: 10.479 min Scan# 2858

Delta R.T. 0.003 min

Lab File: VU061270IC.D

Acq: 28 Oct 2024 17:08

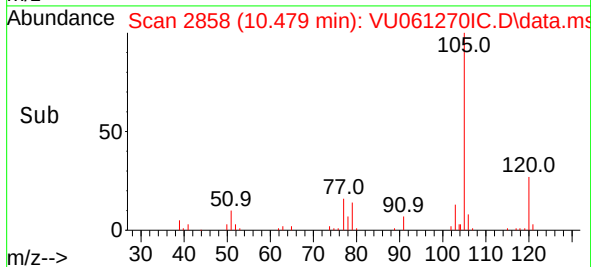
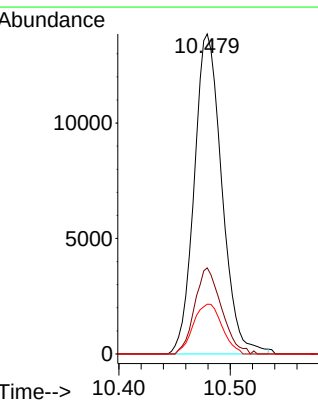
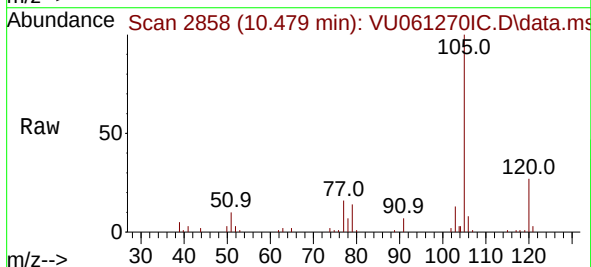
Tgt Ion:105 Resp: 23864

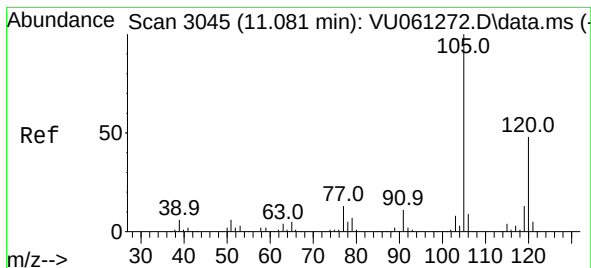
Ion Ratio Lower Upper

105 100

120 25.8 20.8 31.2

77 16.2 12.7 19.1





#62

1,3,5-Trimethylbenzene

Concen: 4.146 ug/L

RT: 11.084 min Scan# 3045

Delta R.T. 0.003 min

Lab File: VU061270IC.D

Acq: 28 Oct 2024 17:08

Instrument :

MSVOA_U

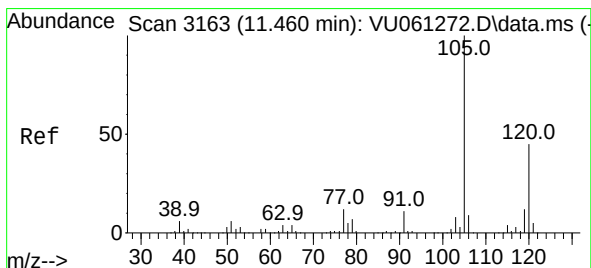
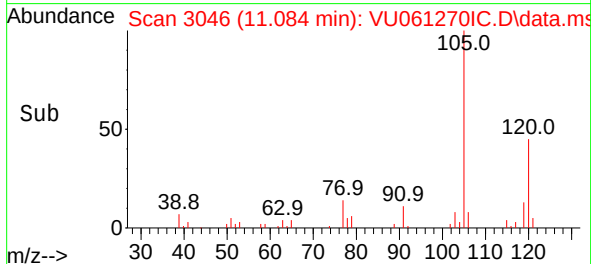
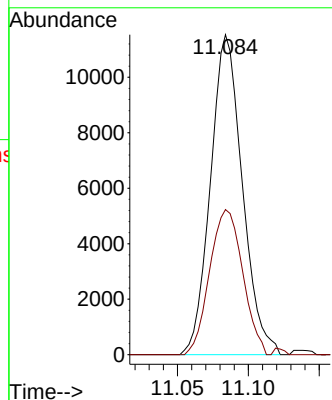
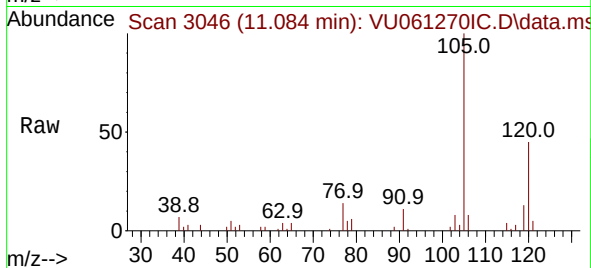
ClientSampleId :

Tgt Ion:105 Resp: 18047

Ion Ratio Lower Upper

105 100

120 47.0 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 3.968 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.003 min

Lab File: VU061270IC.D

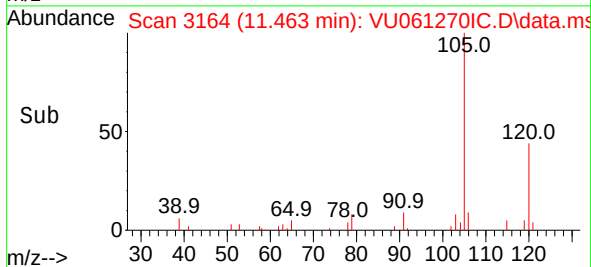
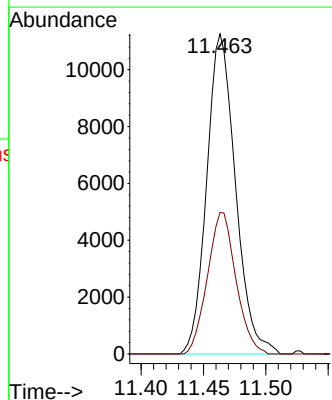
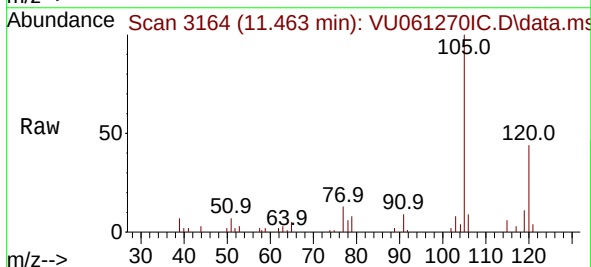
Acq: 28 Oct 2024 17:08

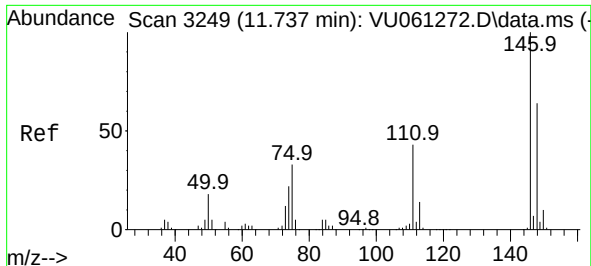
Tgt Ion:105 Resp: 18083

Ion Ratio Lower Upper

105 100

120 43.8 35.8 53.8





#64

1,3-Dichlorobenzene

Concen: 3.844 ug/L

RT: 11.743 min Scan# 3251

Delta R.T. 0.006 min

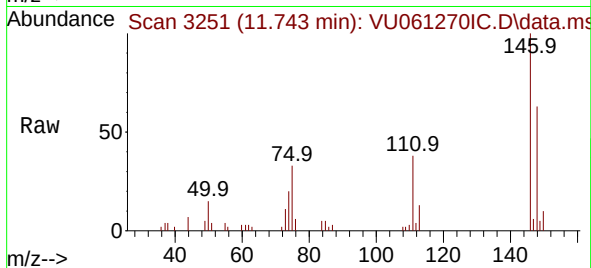
Lab File: VU061270IC.D

Acq: 28 Oct 2024 17:08

Instrument :

MSVOA_U

ClientSampleId :



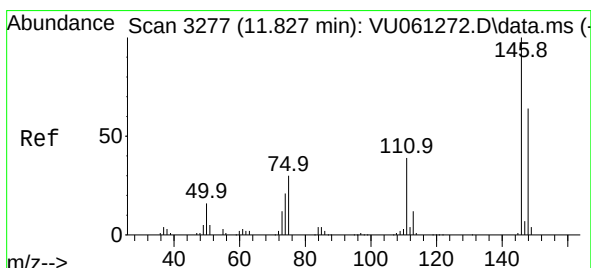
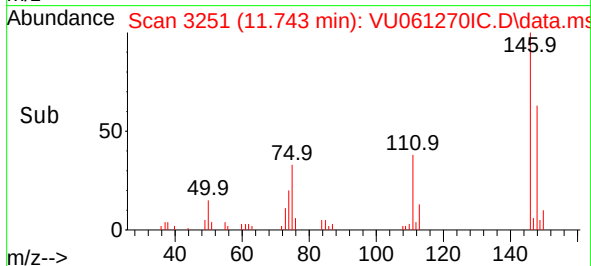
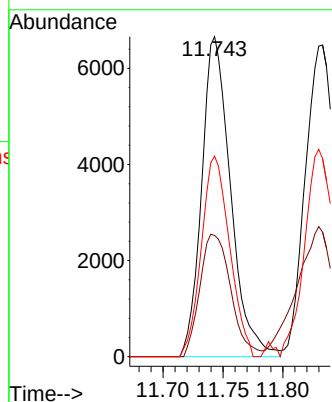
Tgt Ion:146 Resp: 11182

Ion Ratio Lower Upper

146 100

111 39.6 27.9 51.7

148 63.6 44.9 83.3



#65

1,4-Dichlorobenzene

Concen: 3.883 ug/L

RT: 11.833 min Scan# 3279

Delta R.T. 0.006 min

Lab File: VU061270IC.D

Acq: 28 Oct 2024 17:08

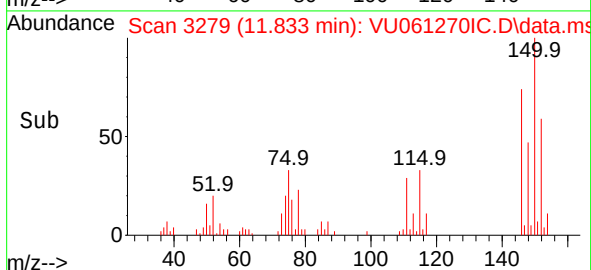
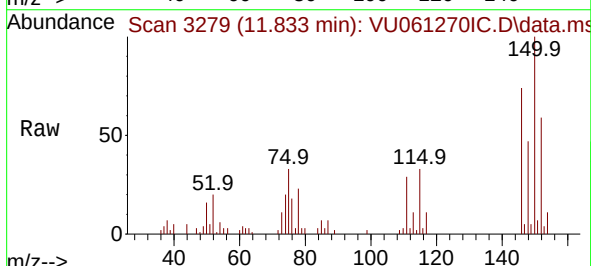
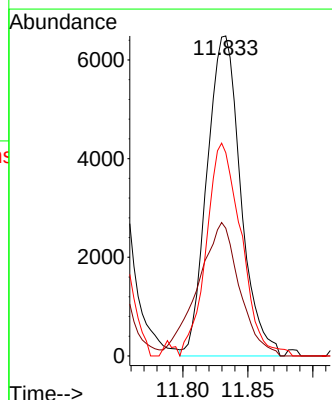
Tgt Ion:146 Resp: 11680

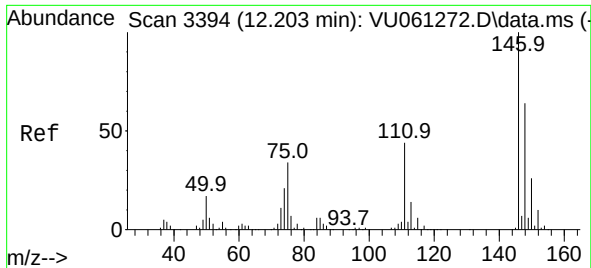
Ion Ratio Lower Upper

146 100

111 37.2 27.9 51.7

148 66.1 44.9 83.3





#67

1,2-Dichlorobenzene

Concen: 3.804 ug/L

RT: 12.209 min Scan# 3394

Delta R.T. 0.006 min

Lab File: VU061270IC.D

Acq: 28 Oct 2024 17:08

Instrument :

MSVOA_U

ClientSampleId :

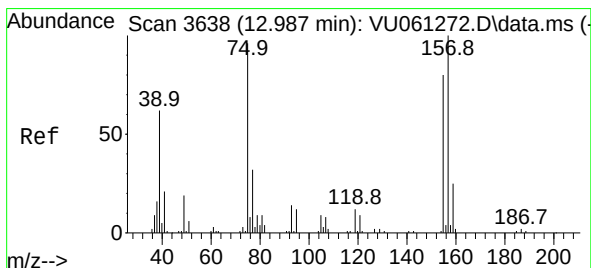
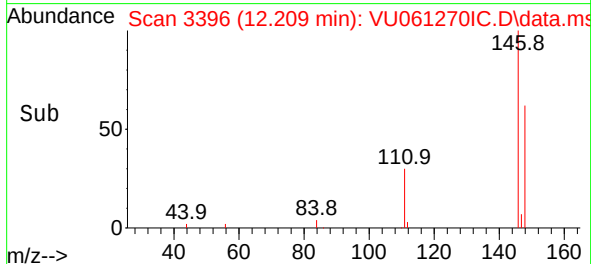
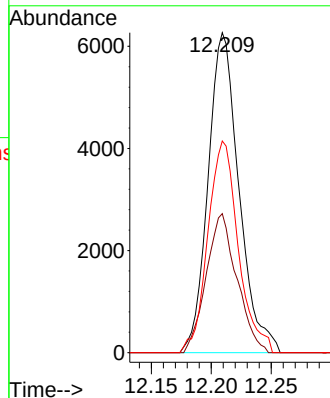
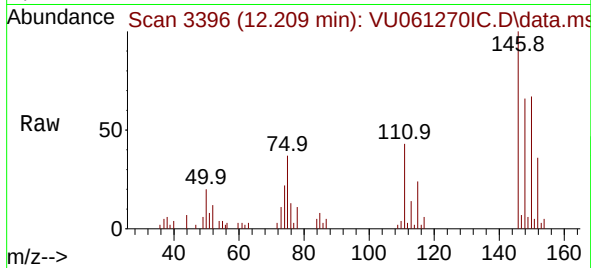
Tgt Ion:146 Resp: 11214

Ion Ratio Lower Upper

146 100

111 43.5 35.6 53.4

148 67.3 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 3.399 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.006 min

Lab File: VU061270IC.D

Acq: 28 Oct 2024 17:08

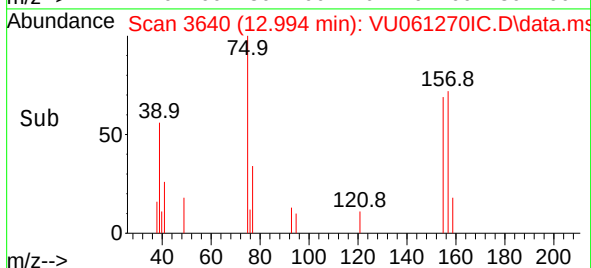
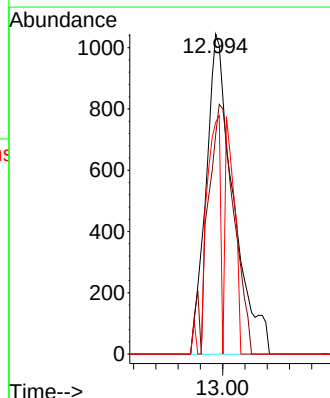
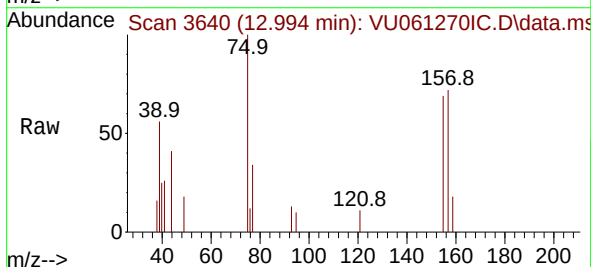
Tgt Ion: 75 Resp: 1765

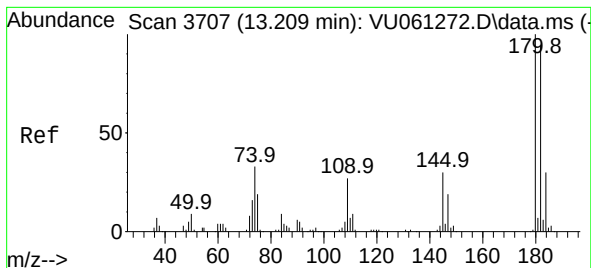
Ion Ratio Lower Upper

75 100

155 68.6 66.6 100.0

157 72.4 87.1 130.7#





#69

1,3,5-Trichlorobenzene

Concen: 3.216 ug/L

RT: 13.219 min Scan# 3710

Delta R.T. 0.010 min

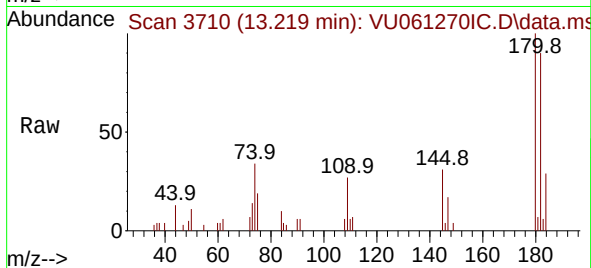
Lab File: VU061270IC.D

Acq: 28 Oct 2024 17:08

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 6699

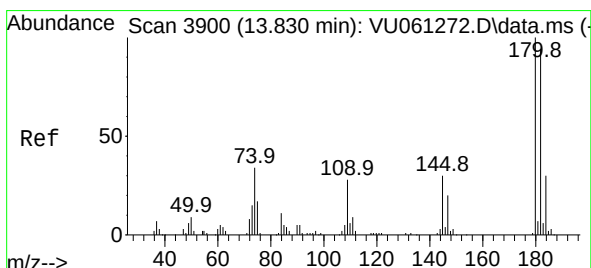
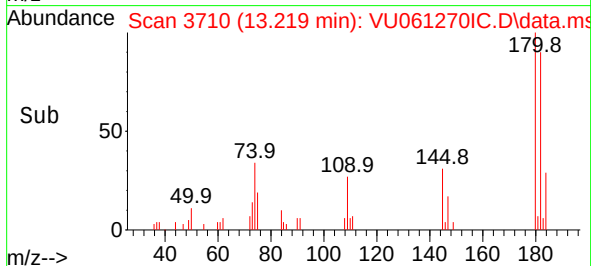
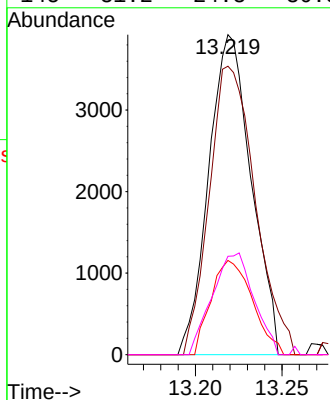
Ion Ratio Lower Upper

180 100

182 97.3 75.3 112.9

184 28.8 23.7 35.5

145 31.2 24.3 36.5



#70

1,2,4-trichlorobenzene

Concen: 3.022 ug/L

RT: 13.846 min Scan# 3905

Delta R.T. 0.016 min

Lab File: VU061270IC.D

Acq: 28 Oct 2024 17:08

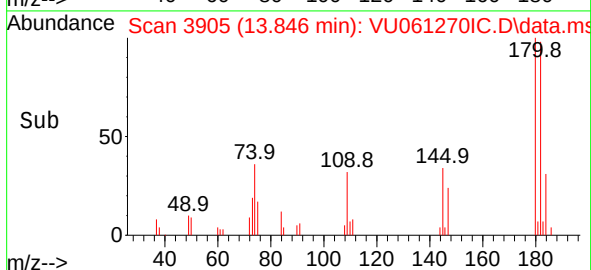
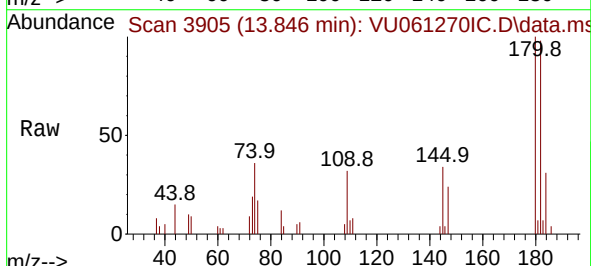
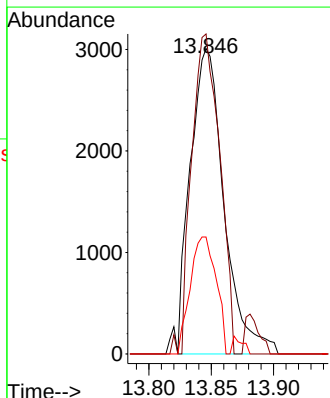
Tgt Ion:180 Resp: 5662

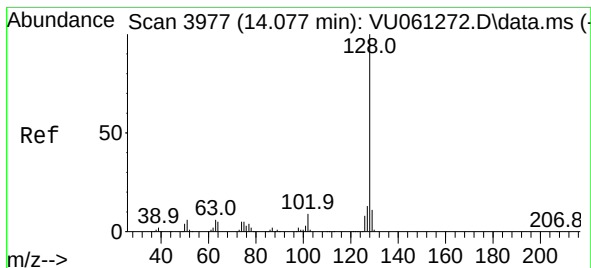
Ion Ratio Lower Upper

180 100

182 86.5 76.0 114.0

145 29.4 25.0 37.4





#71

Naphthalene

Concen: 2.346 ug/L

RT: 14.097 min Scan# 3983

Delta R.T. 0.019 min

Lab File: VU061270IC.D

Acq: 28 Oct 2024 17:08

Instrument :

MSVOA_U

ClientSampleId :

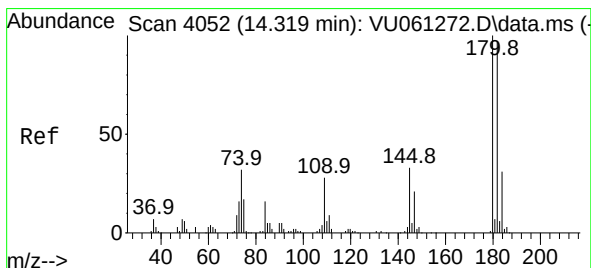
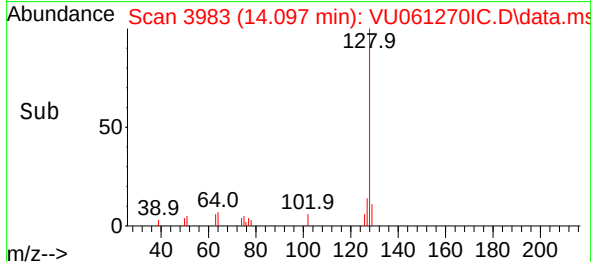
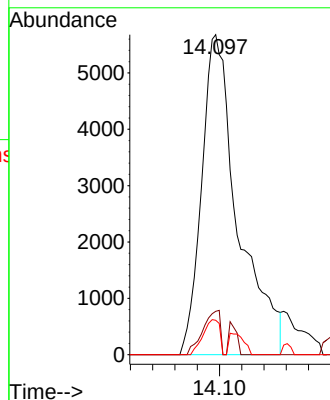
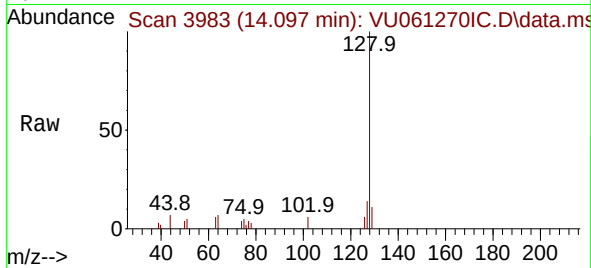
Tgt Ion:128 Resp: 12838

Ion Ratio Lower Upper

128 100

127 6.6 10.2 15.4#

129 5.0 8.3 12.5#



#72

1,2,3-Trichlorobenzene

Concen: 2.264 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. 0.006 min

Lab File: VU061270IC.D

Acq: 28 Oct 2024 17:08

Tgt Ion:180 Resp: 4196

Ion Ratio Lower Upper

180 100

182 79.1 76.7 115.1

145 35.7 25.6 38.4

