

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102924\
 Data File : VU061272.D
 Acq On : 28 Oct 2024 18:19
 Operator : MD/SY
 Sample : VSTD050
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 29 01:50:25 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	6.239	114	252181	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	233863	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	115102	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	89103	54.475	ug/L	0.00
7) Chloroethane-d5	1.901	69	75995	55.004	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	63	162250	55.176	ug/L	0.00
21) 2-Butanone-d5	4.608	46	151408	127.145	ug/L	0.00
24) Chloroform-d	5.052	84	187046	57.950	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.692	65	119828	61.316	ug/L	0.00
32) Benzene-d6	5.718	84	378031	60.596	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.679	67	115037	59.657	ug/L	0.00
41) Toluene-d8	7.888	98	356766	60.307	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.171	79	58535	63.718	ug/L	0.00
47) 2-Hexanone-d5	8.621	63	119348	139.820	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	181205	60.692	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.184	152	127692	58.186	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	91393	56.220	ug/L	100
3) Chloromethane	1.515	50	84658	53.644	ug/L	100
5) Vinyl chloride	1.599	62	93709	51.205	ug/L	100
6) Bromomethane	1.843	94	68176	65.571	ug/L	100
8) Chloroethane	1.924	64	59070	49.888	ug/L	100
9) Trichlorofluoromethane	2.129	101	130532	51.222	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	75306	47.307	ug/L	100
12) 1,1-Dichloroethene	2.573	96	72484	48.304	ug/L	100
13) Acetone	2.618	43	113254	97.513	ug/L	100
14) Carbon disulfide	2.785	76	217527	55.340	ug/L	100
15) Methyl Acetate	2.940	43	88736	50.106	ug/L	100
16) Methylene chloride	3.036	84	86233	45.834	ug/L	100
17) trans-1,2-Dichloroethene	3.345	96	77520	49.892	ug/L	100
18) Methyl tert-butyl Ether	3.351	73	266847	52.283	ug/L	100
19) 1,1-Dichloroethane	3.856	63	150264	50.895	ug/L	100
20) cis-1,2-Dichloroethene	4.657	96	92922	49.479	ug/L	100
22) 2-Butanone	4.689	43	147085	101.243	ug/L	100
23) Bromochloromethane	4.965	128	48439	49.067	ug/L	100
25) Chloroform	5.075	83	161012	50.640	ug/L	100
27) 1,2-Dichloroethane	5.782	62	127018	52.142	ug/L	100
29) Cyclohexane	5.377	56	133997	60.031	ug/L	100
30) 1,1,1-Trichloroethane	5.303	97	136761	54.457	ug/L	100
31) Carbon tetrachloride	5.515	117	117065	56.044	ug/L	100
33) Benzene	5.763	78	351624	54.113	ug/L	100
34) Trichloroethene	6.534	95	91989	53.050	ug/L	100
35) Methylcyclohexane	6.753	83	143491	58.478	ug/L	100
37) 1,2-Dichloropropane	6.779	63	91993	52.011	ug/L	100
38) Bromodichloromethane	7.097	83	119977	53.227	ug/L	100
39) cis-1,3-Dichloropropene	7.599	75	148796	54.346	ug/L	100
40) 4-Methyl-2-pentanone	7.779	43	259794	113.423	ug/L	100
42) Toluene	7.959	91	380710	53.872	ug/L	100
44) trans-1,3-Dichloropropene	8.200	75	139964	55.227	ug/L	100

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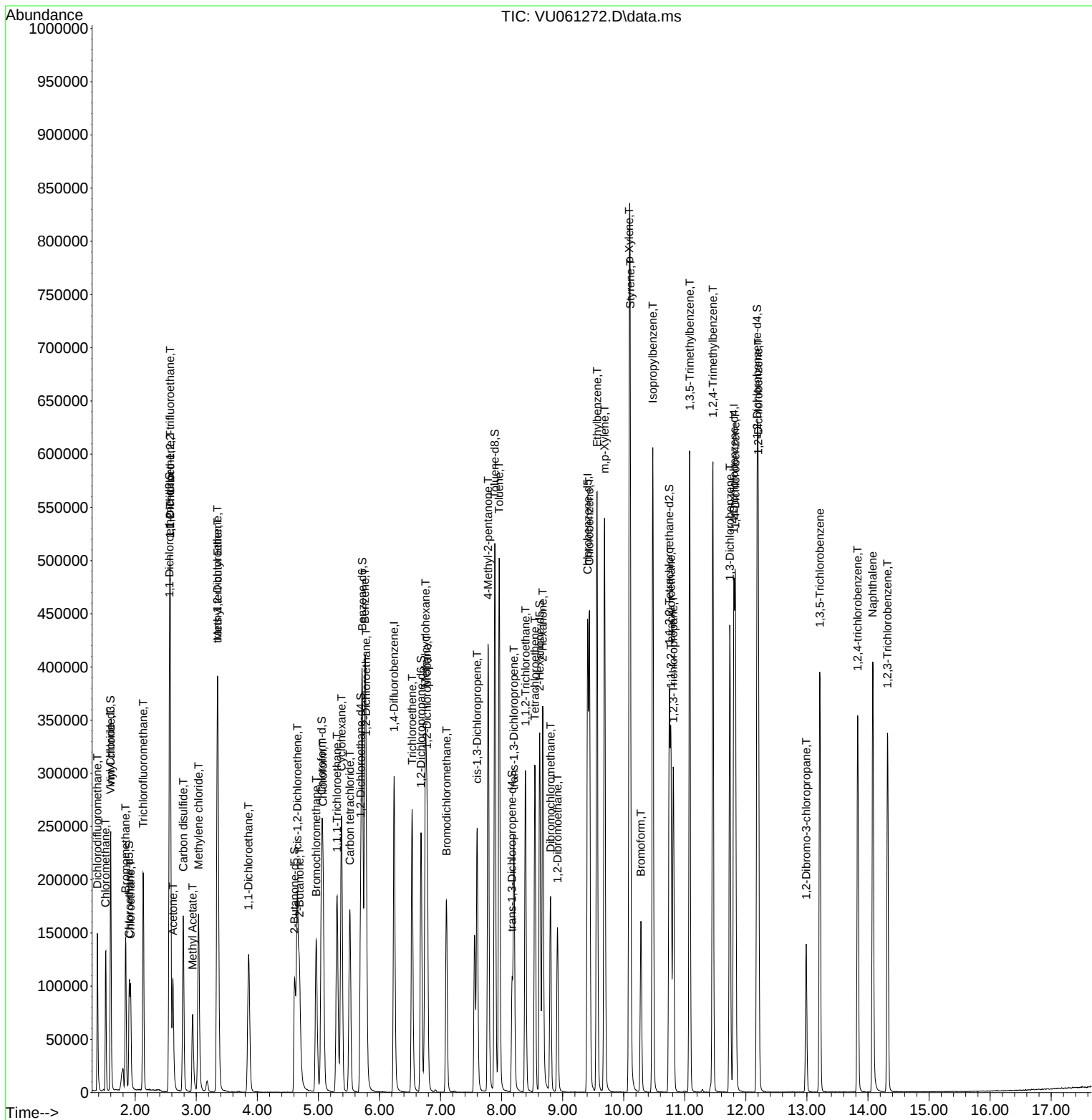
Quant Time: Oct 29 01:50:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM102824WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 29 01:48:01 2024
 Response via : Initial Calibration

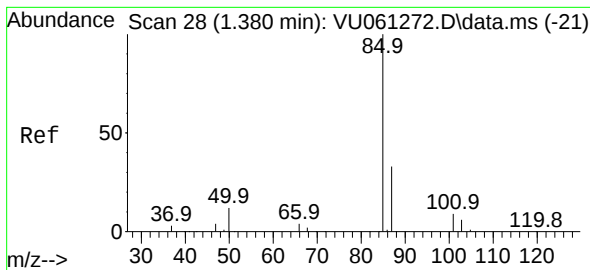
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.390	97	93477	50.671	ug/L	100
46) Tetrachloroethene	8.544	164	64454	46.541	ug/L	100
48) 2-Hexanone	8.672	43	214842	112.360	ug/L	100
49) Dibromochloromethane	8.801	129	94031	51.508	ug/L	100
50) 1,2-Dibromoethane	8.914	107	102411	52.551	ug/L	100
51) Chlorobenzene	9.438	112	241427	51.666	ug/L	100
52) Ethylbenzene	9.563	91	415325	54.700	ug/L	100
53) m,p-Xylene	9.685	106	158808	53.936	ug/L	100
54) o-Xylene	10.090	106	158336	55.654	ug/L	100
55) Styrene	10.107	104	259956	54.740	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.772	83	164665	52.521	ug/L	100
59) Bromoform	10.280	173	69750	49.724	ug/L	100
60) 1,2,3-Trichloropropane	10.811	75	126567	55.490	ug/L	100
61) Isopropylbenzene	10.476	105	406605	58.145	ug/L	100
62) 1,3,5-Trimethylbenzene	11.081	105	328299	62.433	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	326383	59.293	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	176030	50.095	ug/L	100
65) 1,4-Dichlorobenzene	11.827	146	179200	49.318	ug/L	100
67) 1,2-Dichlorobenzene	12.203	146	180372	50.656	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.987	75	36138	57.614	ug/L	100
69) 1,3,5-Trichlorobenzene	13.209	180	120954	48.063	ug/L	100
70) 1,2,4-trichlorobenzene	13.830	180	107378	47.447	ug/L	100
71) Naphthalene	14.077	128	337034	50.977	ug/L	100
72) 1,2,3-Trichlorobenzene	14.319	180	102157	45.628	ug/L	100

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

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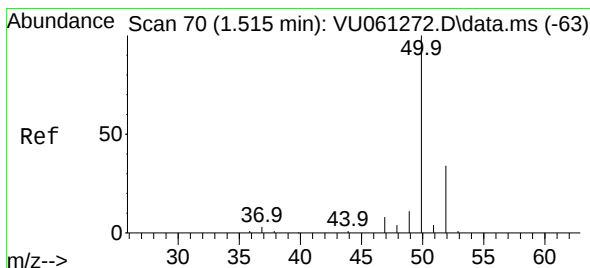
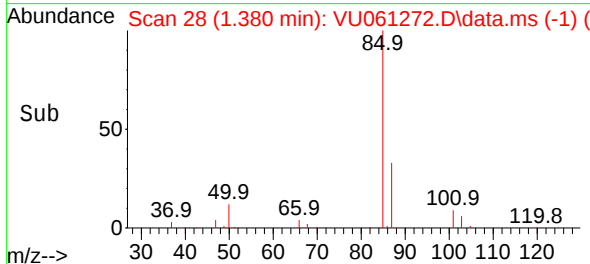
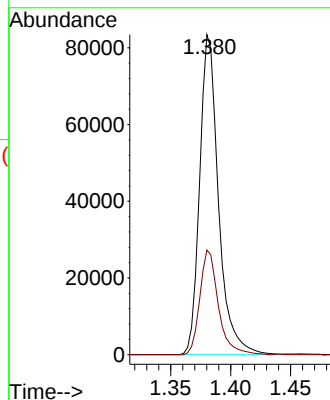
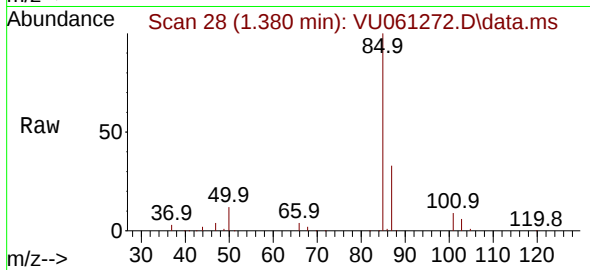




#2
 Dichlorodifluoromethane
 Concen: 56.220 ug/L
 RT: 1.380 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VU061272.D
 Acq: 28 Oct 2024 18:19

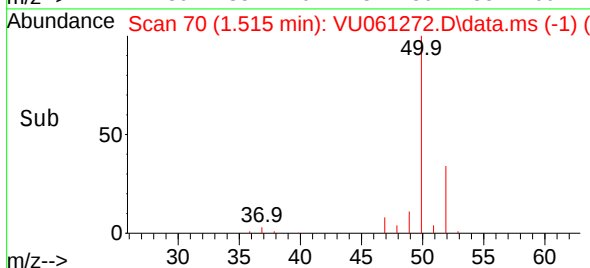
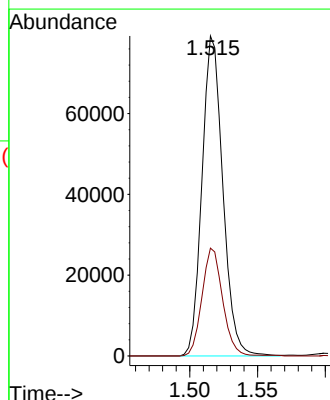
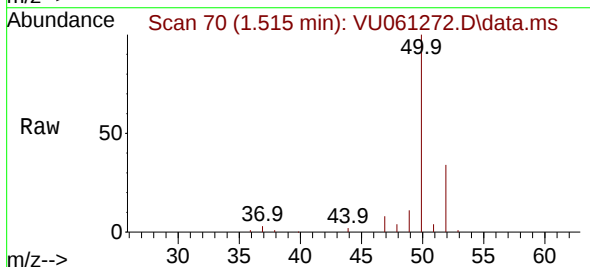
Instrument :
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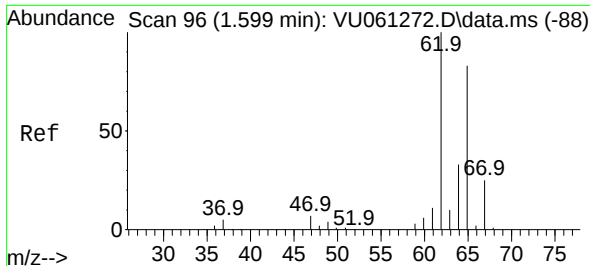
Tgt Ion: 85 Resp: 91393
 Ion Ratio Lower Upper
 85 100
 87 32.1 25.7 38.5



#3
 Chloromethane
 Concen: 53.644 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU061272.D
 Acq: 28 Oct 2024 18:19

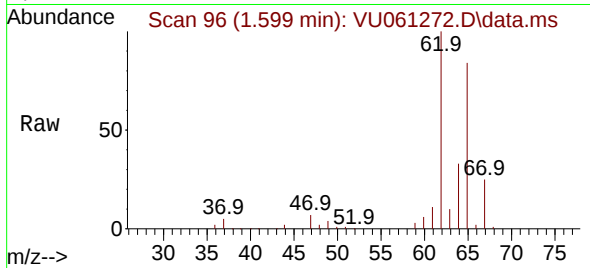
Tgt Ion: 50 Resp: 84658
 Ion Ratio Lower Upper
 50 100
 52 33.7 23.6 43.8



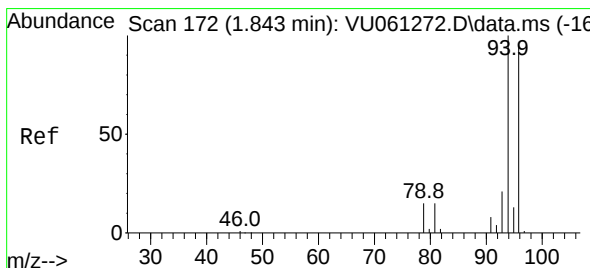
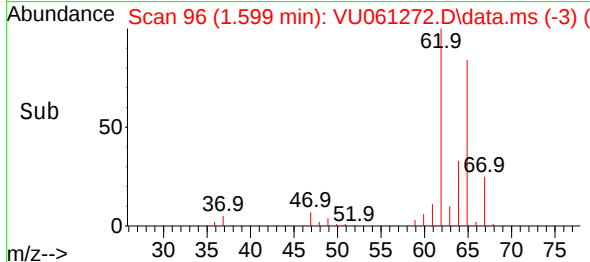
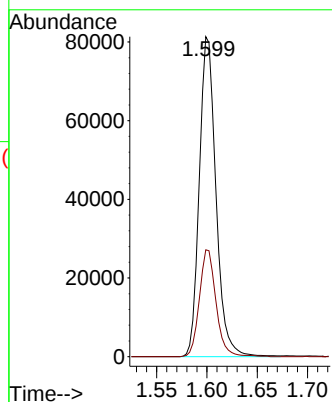


#5
 Vinyl chloride
 Concen: 51.205 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VU061272.D
 Acq: 28 Oct 2024 18:19

Instrument :
 MSVOA_U
 ClientSampleId :

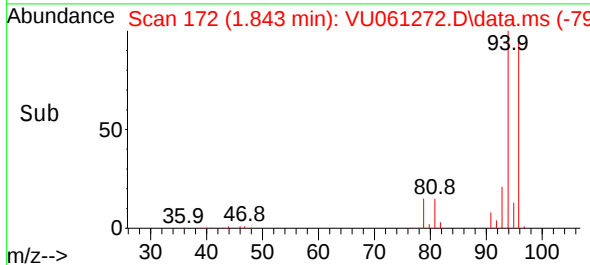
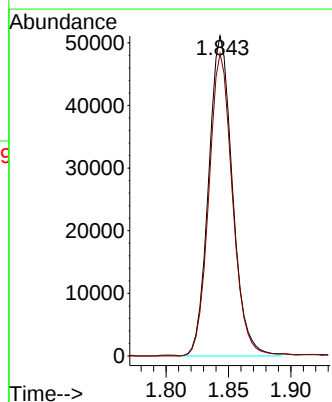
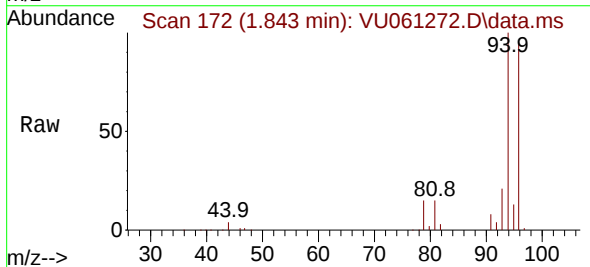


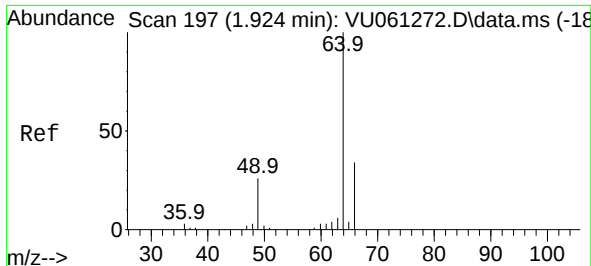
Tgt Ion: 62 Resp: 93709
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.4 43.4



#6
 Bromomethane
 Concen: 65.571 ug/L
 RT: 1.843 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VU061272.D
 Acq: 28 Oct 2024 18:19

Tgt Ion: 94 Resp: 68176
 Ion Ratio Lower Upper
 94 100
 96 94.5 66.1 122.8

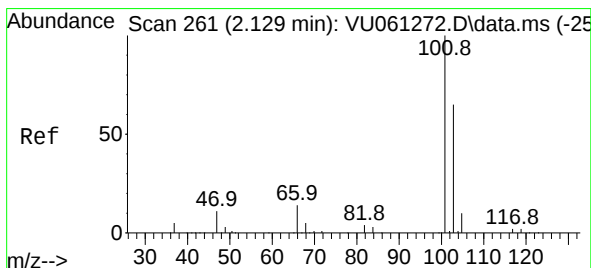
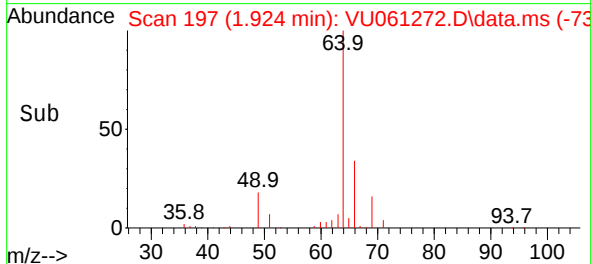
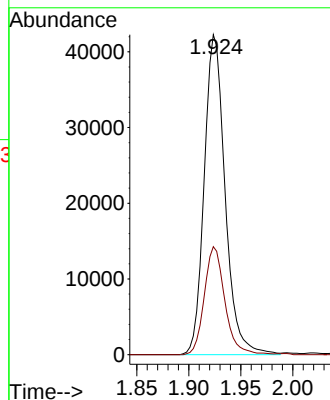
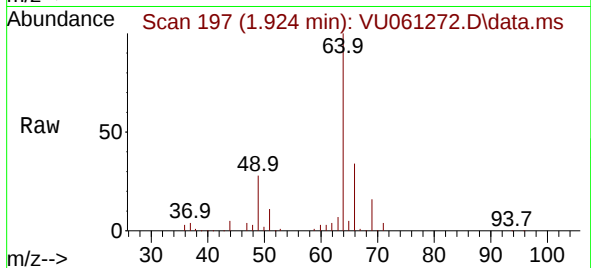




#8
Chloroethane
Concen: 49.888 ug/L
RT: 1.924 min Scan# 197
Delta R.T. 0.000 min
Lab File: VU061272.D
Acq: 28 Oct 2024 18:19

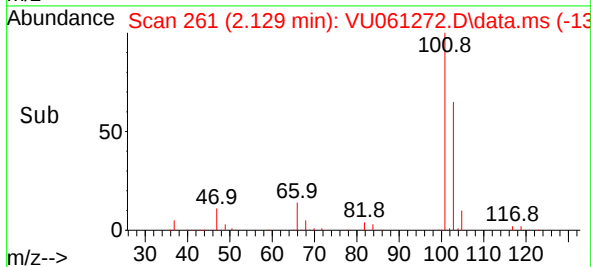
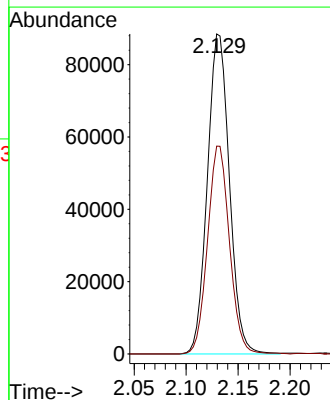
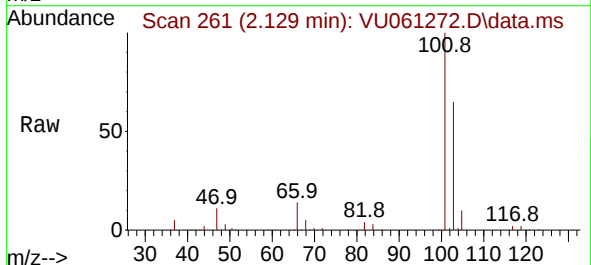
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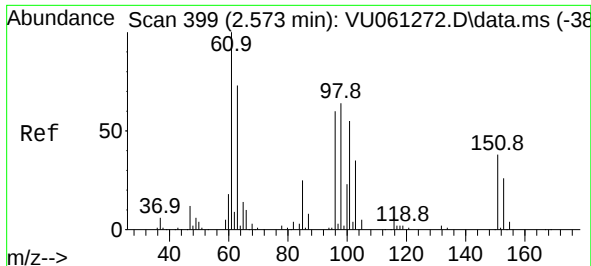
Tgt Ion: 64 Resp: 59070
Ion Ratio Lower Upper
64 100
66 33.7 23.6 43.8



#9
Trichlorofluoromethane
Concen: 51.222 ug/L
RT: 2.129 min Scan# 261
Delta R.T. 0.000 min
Lab File: VU061272.D
Acq: 28 Oct 2024 18:19

Tgt Ion:101 Resp: 130532
Ion Ratio Lower Upper
101 100
103 64.5 51.6 77.4

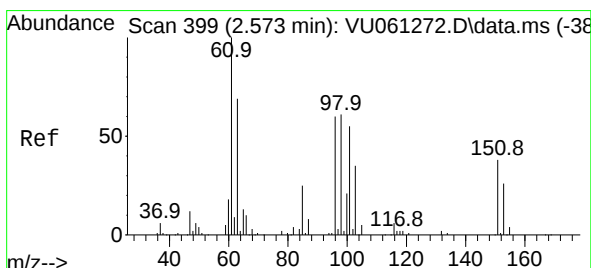
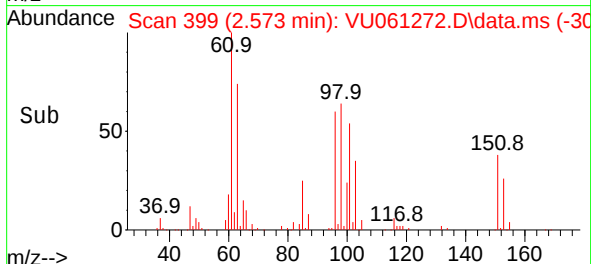
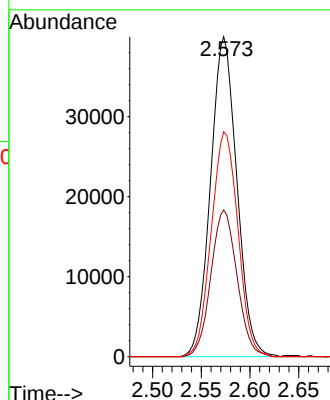
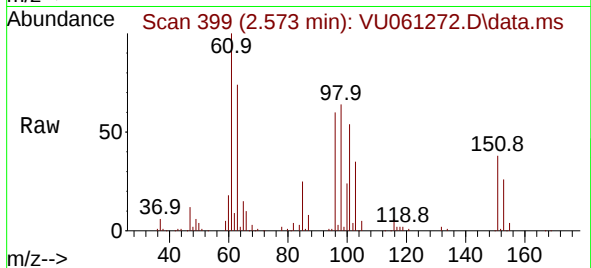




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 47.307 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU061272.D
 Acq: 28 Oct 2024 18:19

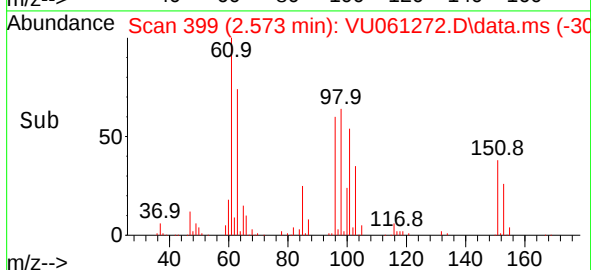
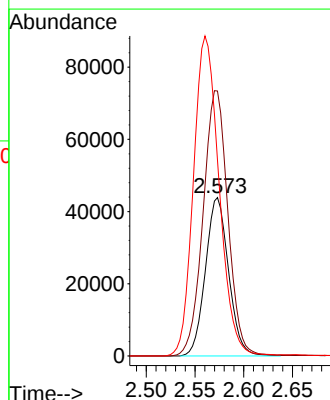
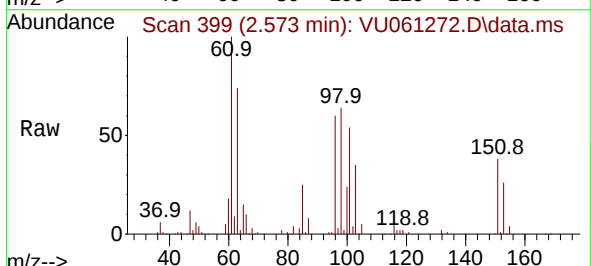
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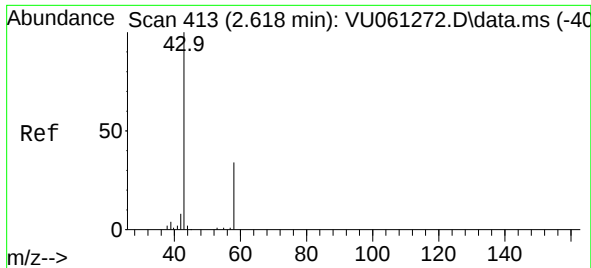
Tgt Ion:101 Resp: 75306
 Ion Ratio Lower Upper
 101 100
 85 45.5 36.4 54.6
 151 71.2 57.0 85.4



#12
 1,1-Dichloroethene
 Concen: 48.304 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU061272.D
 Acq: 28 Oct 2024 18:19

Tgt Ion: 96 Resp: 72484
 Ion Ratio Lower Upper
 96 100
 61 167.3 117.1 217.5
 63 123.7 86.6 160.8





#13

Acetone

Concen: 97.513 ug/L

RT: 2.618 min Scan# 413

Delta R.T. 0.000 min

Lab File: VU061272.D

Acq: 28 Oct 2024 18:19

Instrument :

MSVOA_U

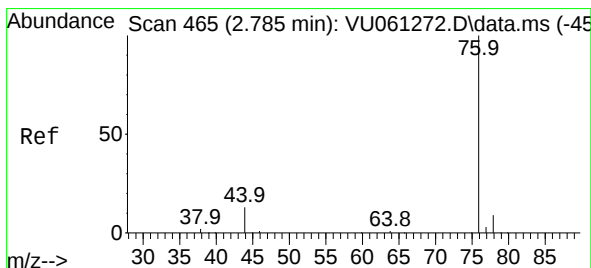
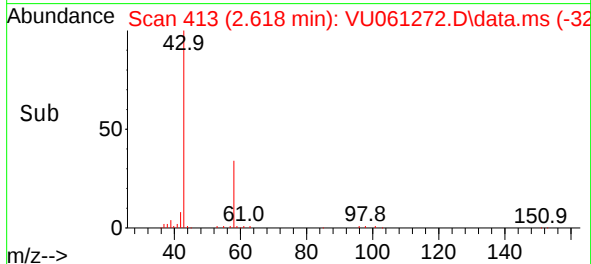
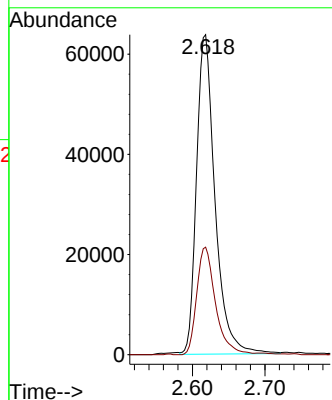
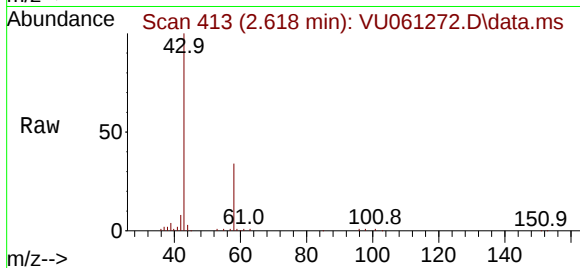
ClientSampleId :

Tgt Ion: 43 Resp: 113254

Ion Ratio Lower Upper

43 100

58 34.1 0.0 68.2



#14

Carbon disulfide

Concen: 55.340 ug/L

RT: 2.785 min Scan# 465

Delta R.T. 0.000 min

Lab File: VU061272.D

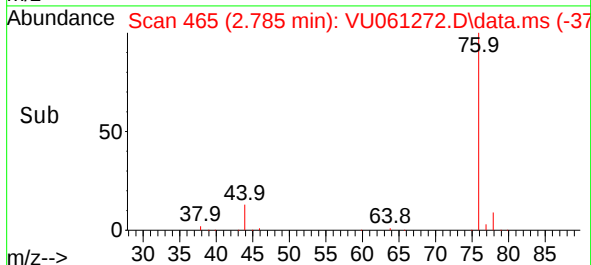
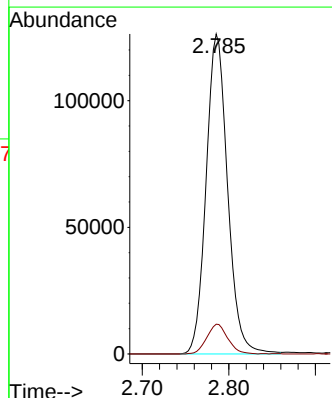
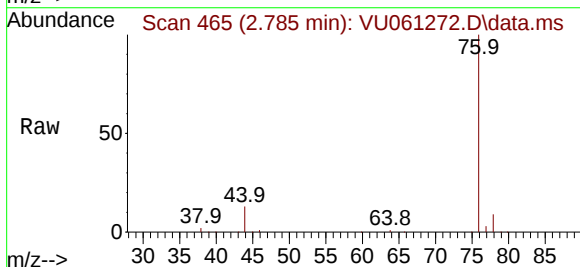
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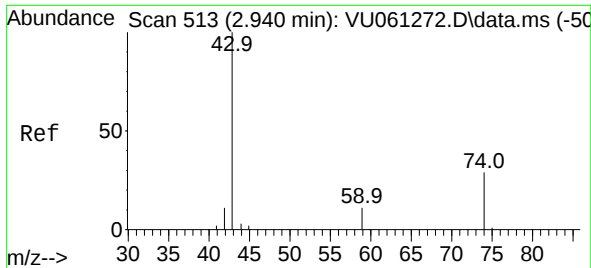
Tgt Ion: 76 Resp: 217527

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2

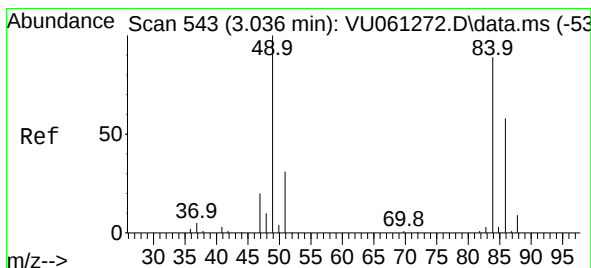
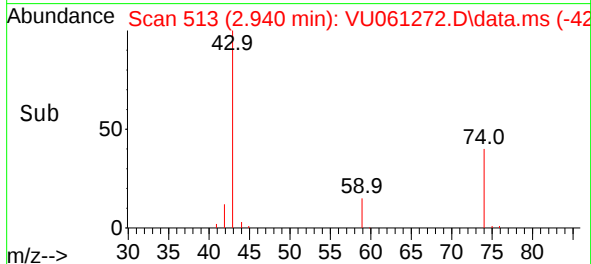
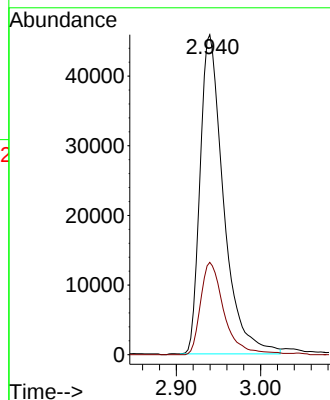
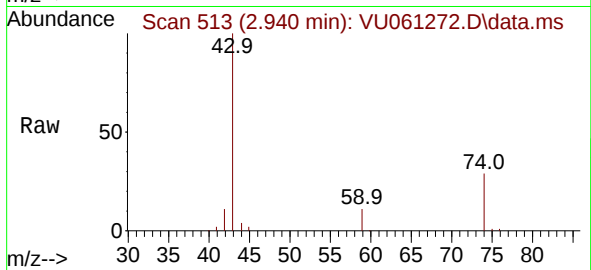




#15
Methyl Acetate
Concen: 50.106 ug/L
RT: 2.940 min Scan# 513
Delta R.T. 0.000 min
Lab File: VU061272.D
Acq: 28 Oct 2024 18:19

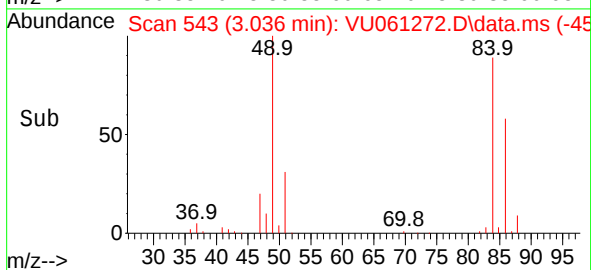
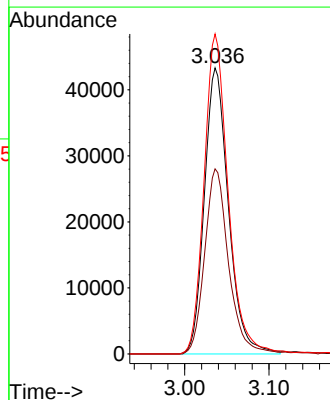
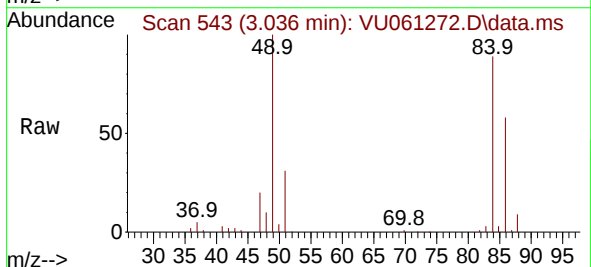
Instrument :
MSVOA_U
ClientSampleId :

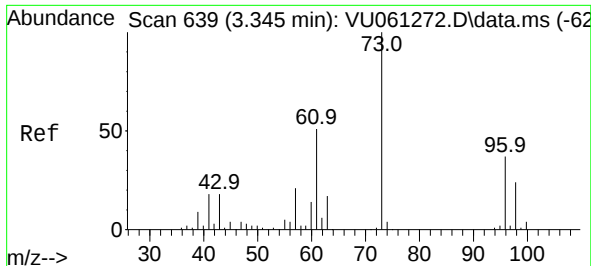
Tgt Ion: 43 Resp: 88736
Ion Ratio Lower Upper
43 100
74 29.0 23.2 34.8



#16
Methylene chloride
Concen: 45.834 ug/L
RT: 3.036 min Scan# 543
Delta R.T. 0.000 min
Lab File: VU061272.D
Acq: 28 Oct 2024 18:19

Tgt Ion: 84 Resp: 86233
Ion Ratio Lower Upper
84 100
86 64.7 45.3 84.1
49 111.9 78.3 145.5





#17

trans-1,2-Dichloroethene

Concen: 49.892 ug/L

RT: 3.345 min Scan# 639

Delta R.T. 0.000 min

Lab File: VU061272.D

Acq: 28 Oct 2024 18:19

Instrument :

MSVOA_U

ClientSampleId :

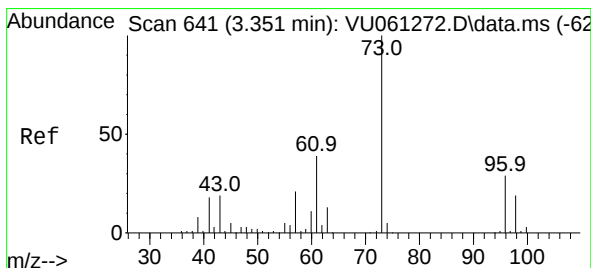
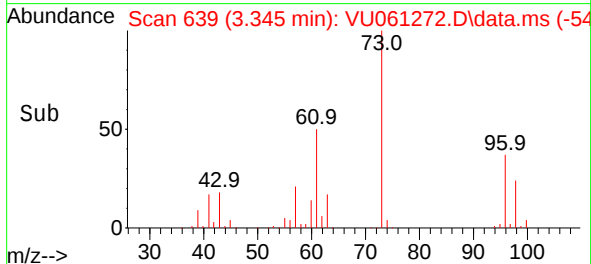
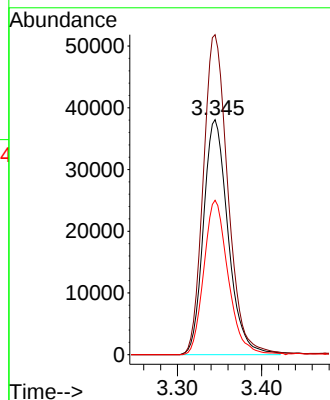
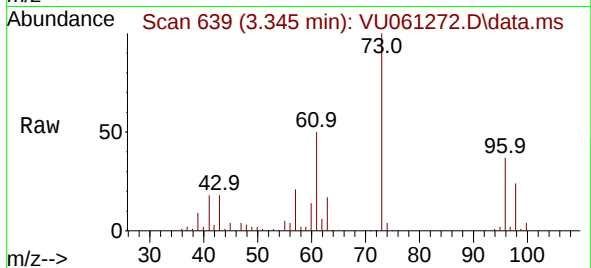
Tgt Ion: 96 Resp: 77520

Ion Ratio Lower Upper

96 100

61 136.2 95.3 177.1

98 65.7 46.0 85.4



#18

Methyl tert-butyl Ether

Concen: 52.283 ug/L

RT: 3.351 min Scan# 641

Delta R.T. 0.000 min

Lab File: VU061272.D

Acq: 28 Oct 2024 18:19

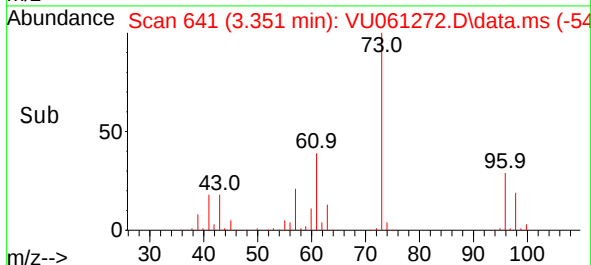
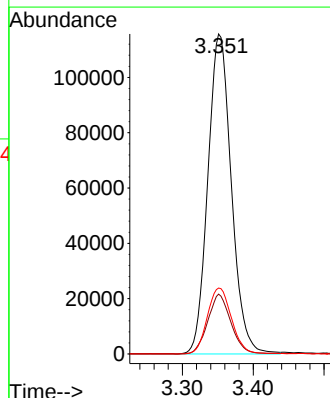
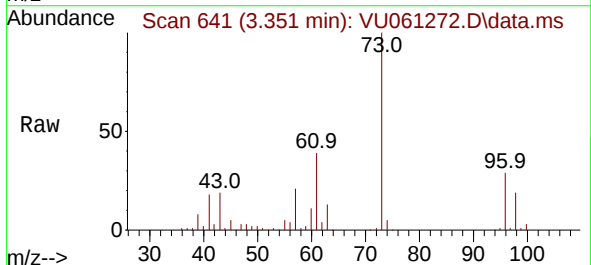
Tgt Ion: 73 Resp: 266847

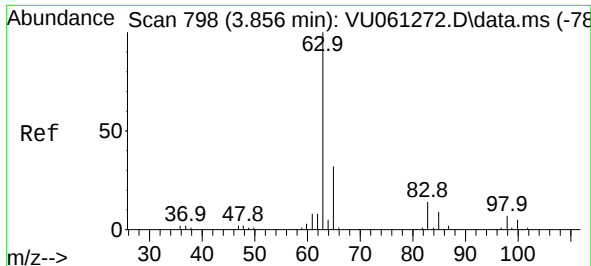
Ion Ratio Lower Upper

73 100

43 18.5 14.8 22.2

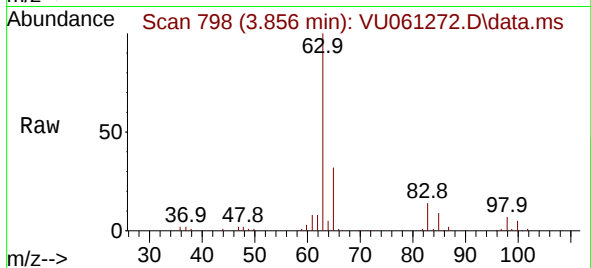
57 21.3 17.0 25.6



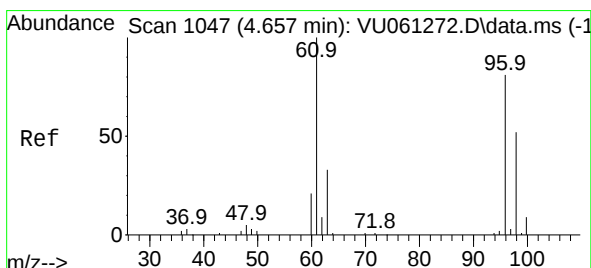
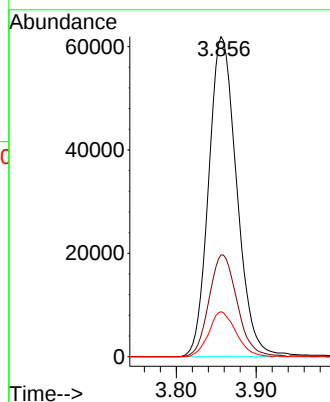
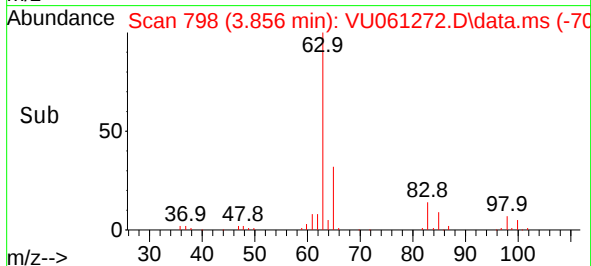


#19
1,1-Dichloroethane
Concen: 50.895 ug/L
RT: 3.856 min Scan# 798
Delta R.T. 0.000 min
Lab File: VU061272.D
Acq: 28 Oct 2024 18:19

Instrument :
MSVOA_U
ClientSampleId :

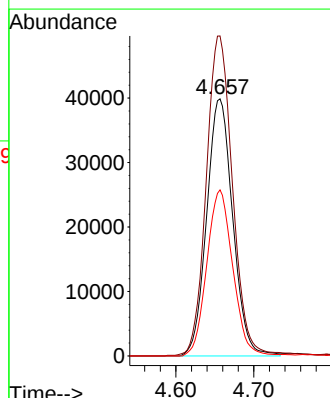
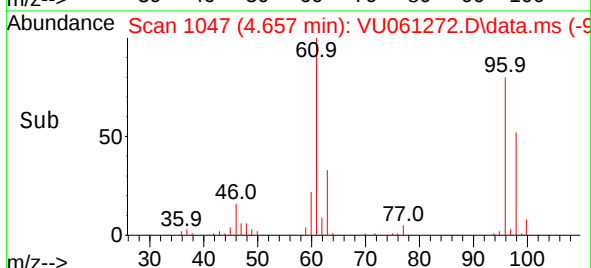
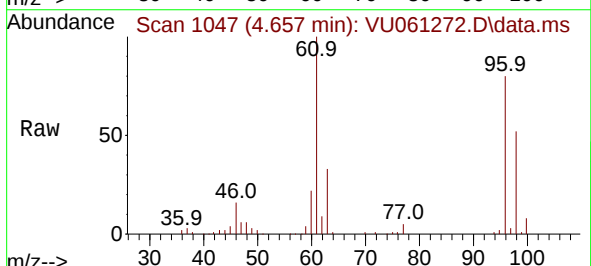


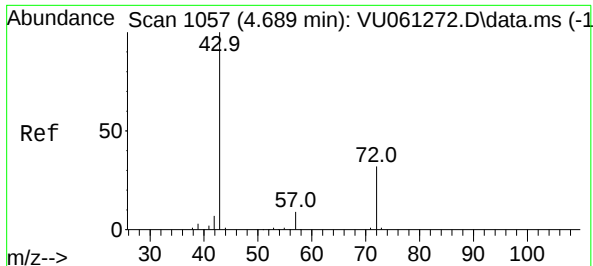
Tgt Ion: 63 Resp: 150264
Ion Ratio Lower Upper
63 100
65 31.8 22.3 41.3
83 14.1 9.9 18.3



#20
cis-1,2-Dichloroethene
Concen: 49.479 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. 0.000 min
Lab File: VU061272.D
Acq: 28 Oct 2024 18:19

Tgt Ion: 96 Resp: 92922
Ion Ratio Lower Upper
96 100
61 124.5 87.2 161.9
98 64.6 45.2 84.0

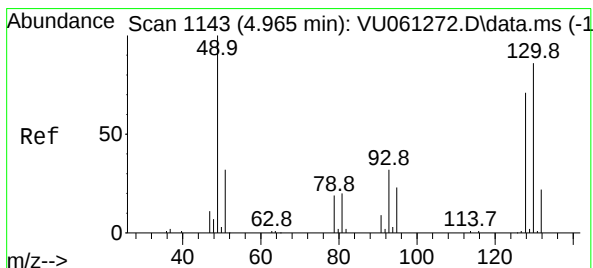
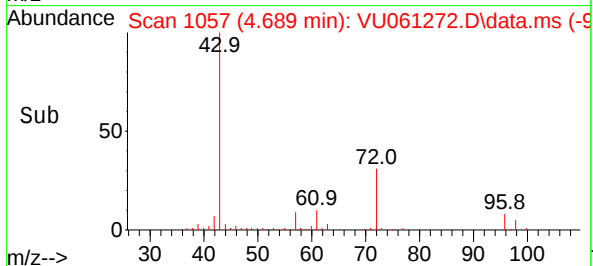
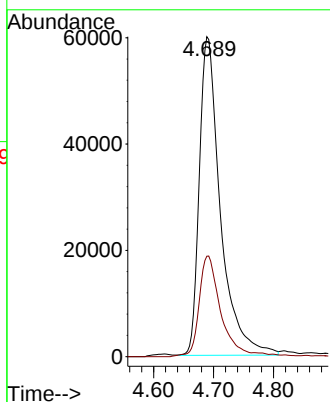
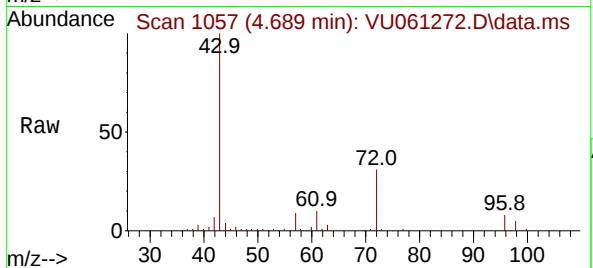




#22
2-Butanone
Concen: 101.243 ug/L
RT: 4.689 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VU061272.D
Acq: 28 Oct 2024 18:19

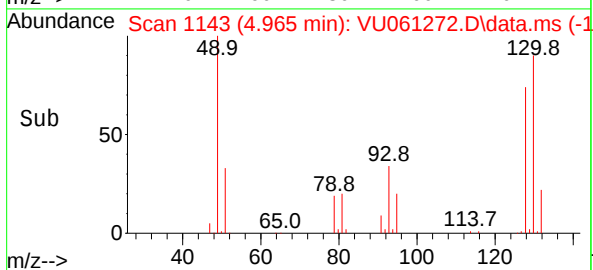
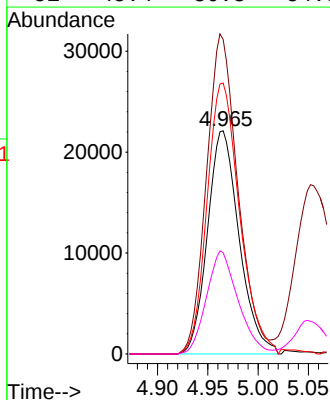
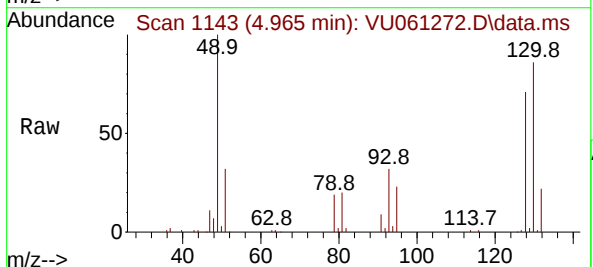
Instrument :
MSVOA_U
ClientSampleId :

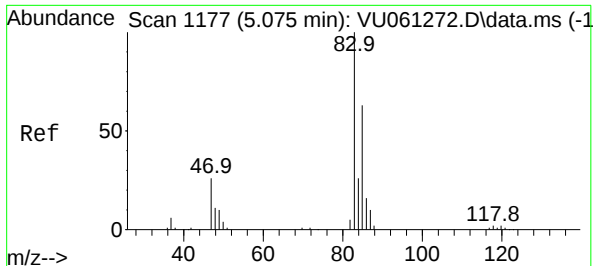
Tgt Ion: 43 Resp: 147085
Ion Ratio Lower Upper
43 100
72 31.6 15.8 47.4



#23
Bromochloromethane
Concen: 49.067 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VU061272.D
Acq: 28 Oct 2024 18:19

Tgt Ion:128 Resp: 48439
Ion Ratio Lower Upper
128 100
49 141.0 98.7 183.3
130 121.4 85.0 157.8
51 45.4 36.3 54.5





#25

Chloroform

Concen: 50.640 ug/L

RT: 5.075 min Scan# 1177

Delta R.T. 0.000 min

Lab File: VU061272.D

Acq: 28 Oct 2024 18:19

Instrument :

MSVOA_U

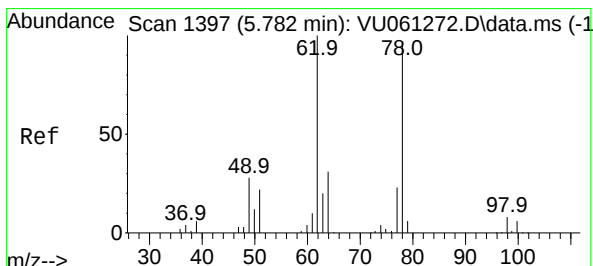
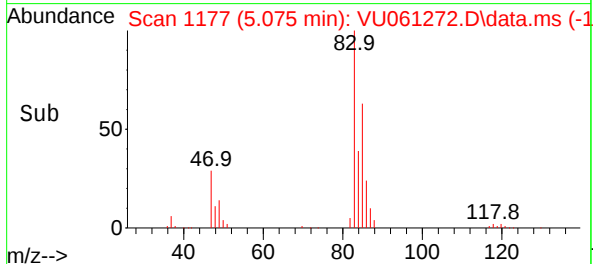
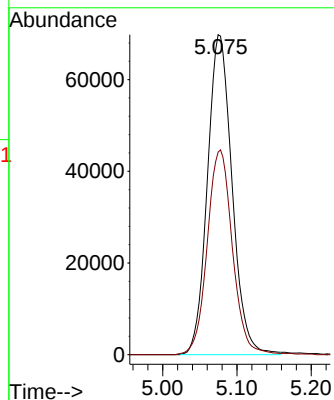
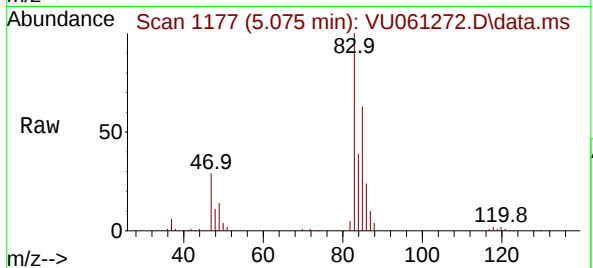
ClientSampleId :

Tgt Ion: 83 Resp: 161012

Ion Ratio Lower Upper

83 100

85 63.3 44.3 82.3



#27

1,2-Dichloroethane

Concen: 52.142 ug/L

RT: 5.782 min Scan# 1397

Delta R.T. 0.000 min

Lab File: VU061272.D

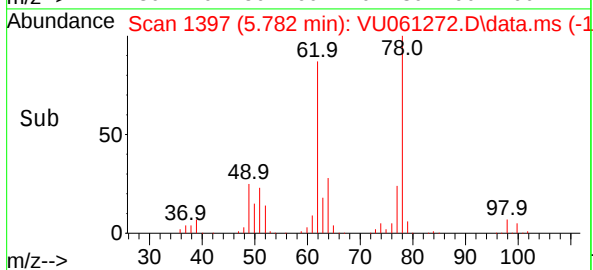
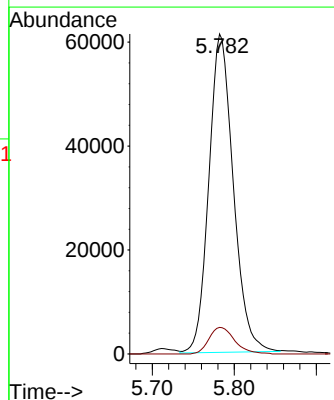
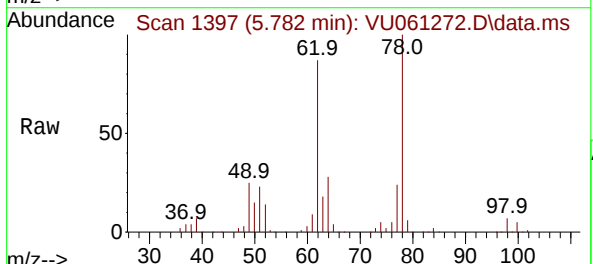
Acq: 28 Oct 2024 18:19

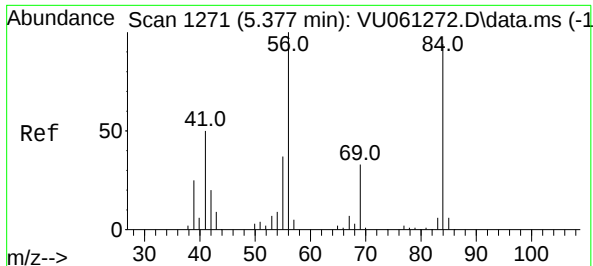
Tgt Ion: 62 Resp: 127018

Ion Ratio Lower Upper

62 100

98 8.3 6.6 10.0

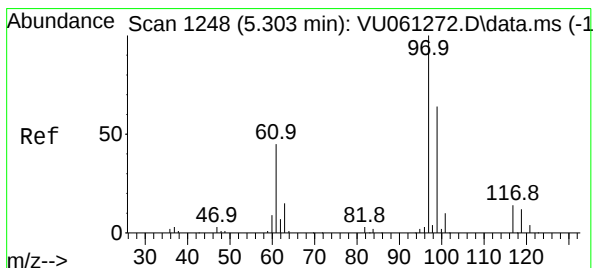
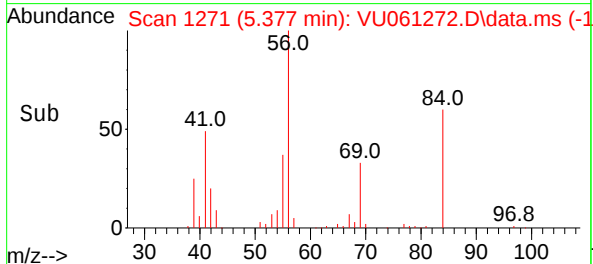
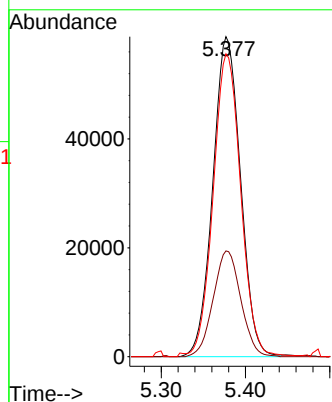
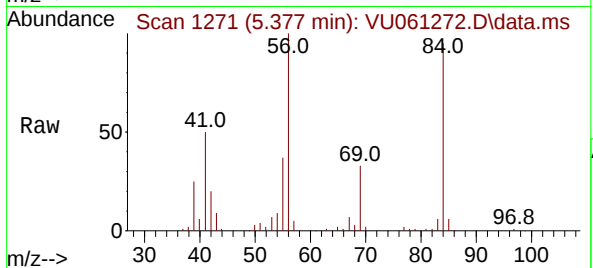




#29
Cyclohexane
Concen: 60.031 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. 0.000 min
Lab File: VU061272.D
Acq: 28 Oct 2024 18:19

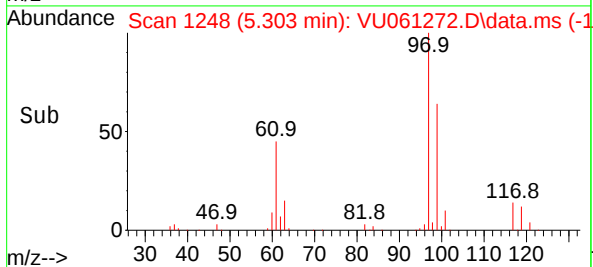
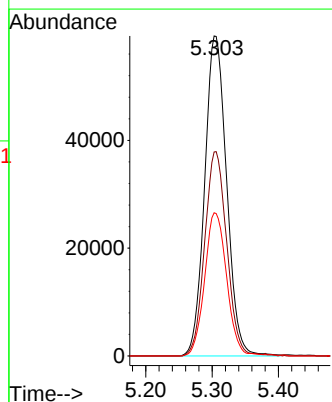
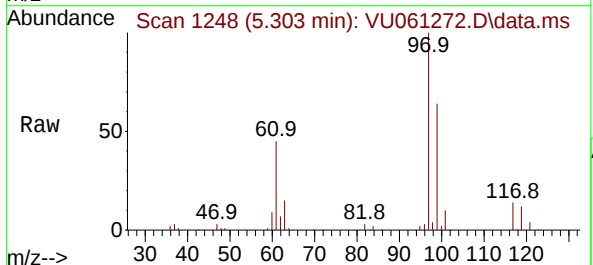
Instrument :
MSVOA_U
ClientSampleId :

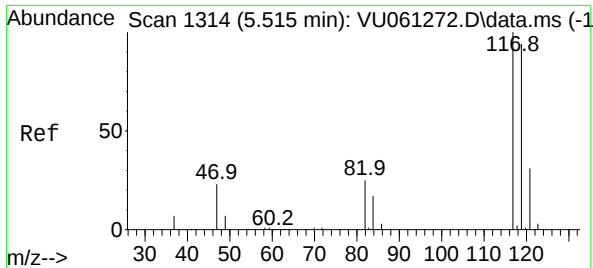
Tgt Ion: 56 Resp: 133997
Ion Ratio Lower Upper
56 100
69 32.9 26.3 39.5
84 93.3 74.6 112.0



#30
1,1,1-Trichloroethane
Concen: 54.457 ug/L
RT: 5.303 min Scan# 1248
Delta R.T. 0.000 min
Lab File: VU061272.D
Acq: 28 Oct 2024 18:19

Tgt Ion: 97 Resp: 136761
Ion Ratio Lower Upper
97 100
99 63.8 51.0 76.6
61 44.9 35.9 53.9

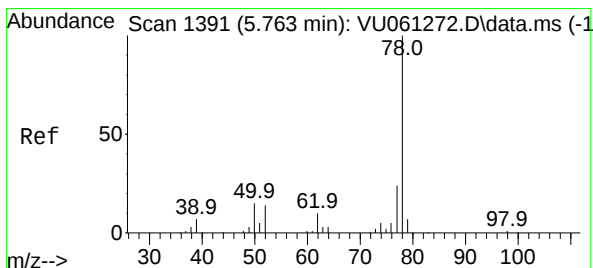
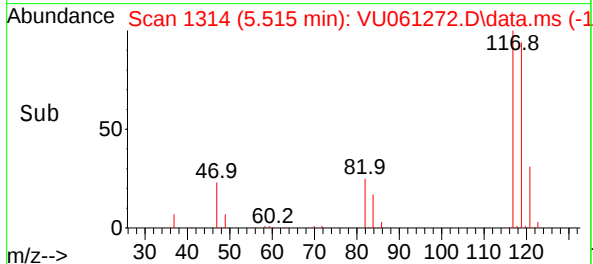
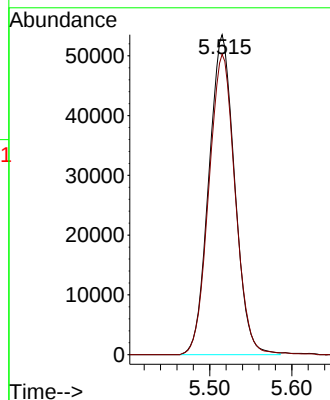
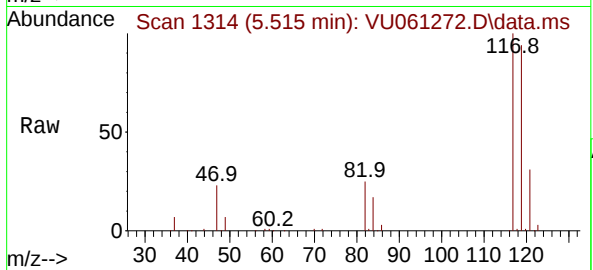




#31
Carbon tetrachloride
Concen: 56.044 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VU061272.D
Acq: 28 Oct 2024 18:19

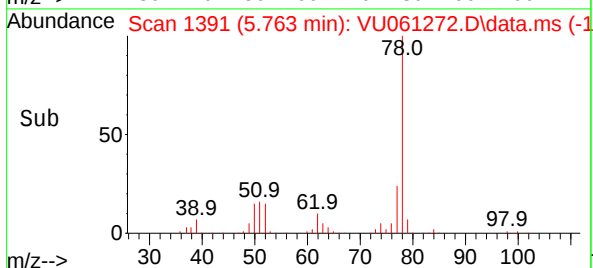
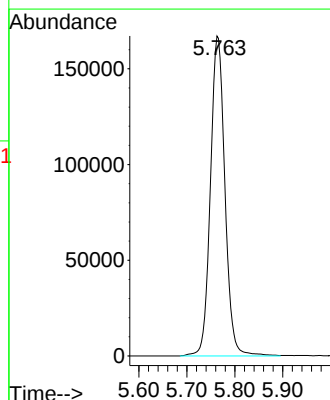
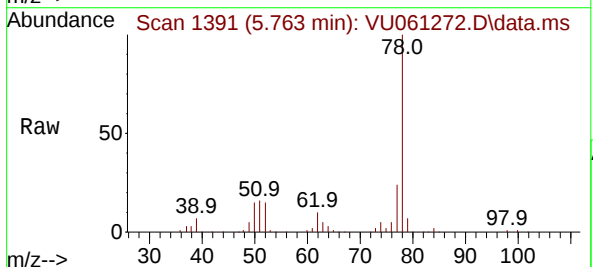
Instrument :
MSVOA_U
ClientSampleId :

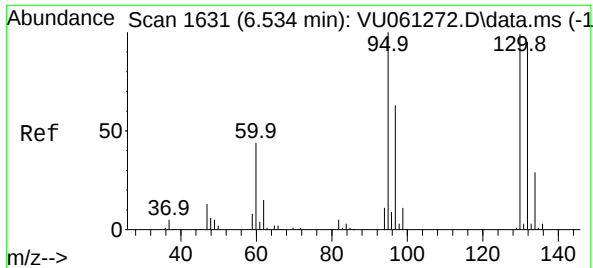
Tgt Ion:117 Resp: 117065
Ion Ratio Lower Upper
117 100
119 95.9 76.7 115.1



#33
Benzene
Concen: 54.113 ug/L
RT: 5.763 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VU061272.D
Acq: 28 Oct 2024 18:19

Tgt Ion: 78 Resp: 351624

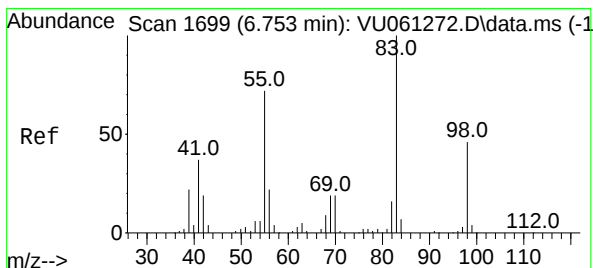
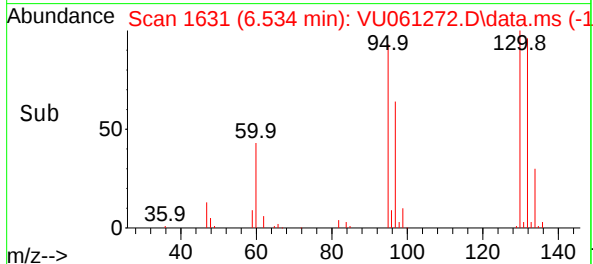
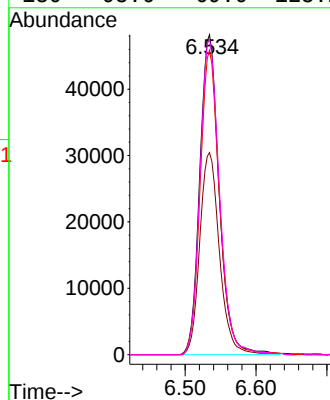
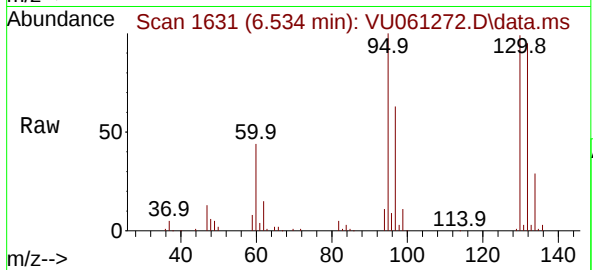




#34
Trichloroethene
Concen: 53.050 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VU061272.D
Acq: 28 Oct 2024 18:19

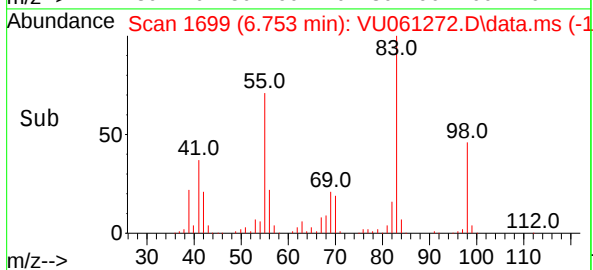
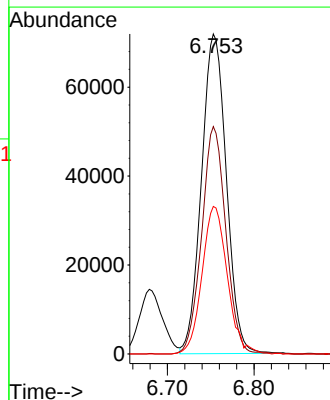
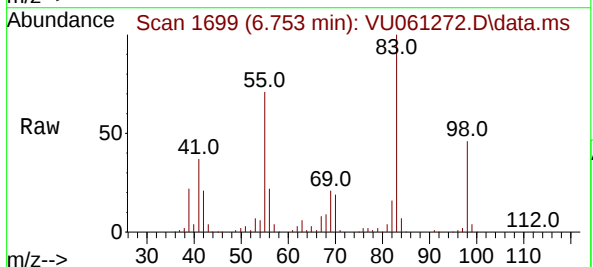
Instrument :
MSVOA_U
ClientSampleId :

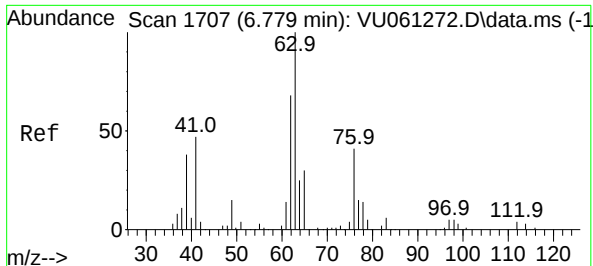
Tgt Ion: 95 Resp: 91989
Ion Ratio Lower Upper
95 100
97 63.1 44.2 82.0
132 95.1 66.6 123.6
130 98.6 69.0 128.2



#35
Methylcyclohexane
Concen: 58.478 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VU061272.D
Acq: 28 Oct 2024 18:19

Tgt Ion: 83 Resp: 143491
Ion Ratio Lower Upper
83 100
55 68.9 55.1 82.7
98 45.9 36.7 55.1

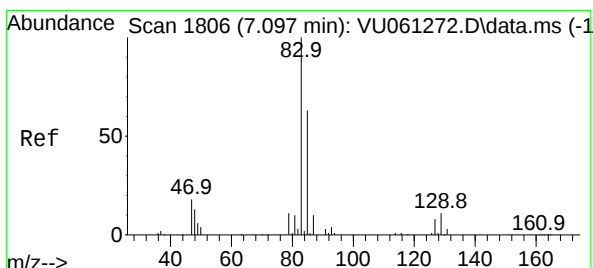
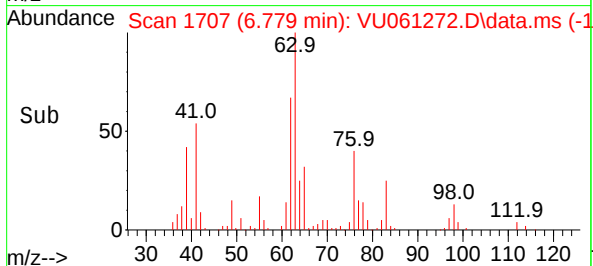
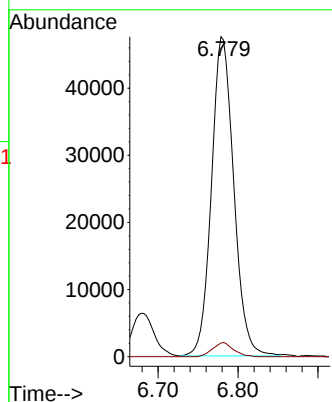
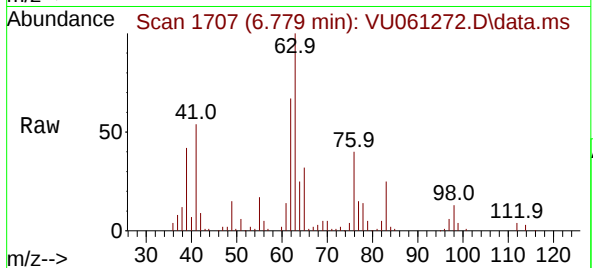




#37
1,2-Dichloropropane
Concen: 52.011 ug/L
RT: 6.779 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU061272.D
Acq: 28 Oct 2024 18:19

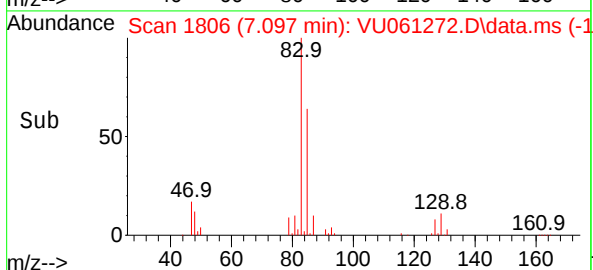
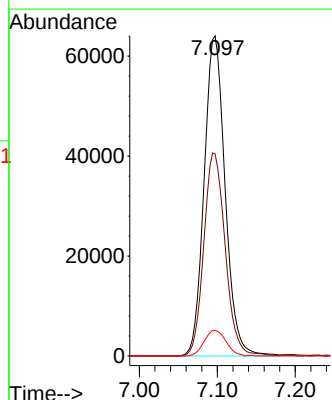
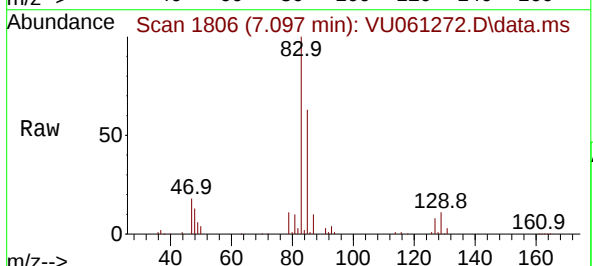
Instrument :
MSVOA_U
ClientSampleId :

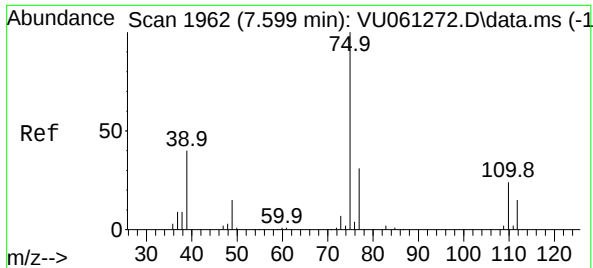
Tgt Ion: 63 Resp: 91993
Ion Ratio Lower Upper
63 100
112 4.1 3.3 4.9



#38
Bromodichloromethane
Concen: 53.227 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU061272.D
Acq: 28 Oct 2024 18:19

Tgt Ion: 83 Resp: 119977
Ion Ratio Lower Upper
83 100
85 63.1 44.2 82.0
127 7.9 6.3 9.5

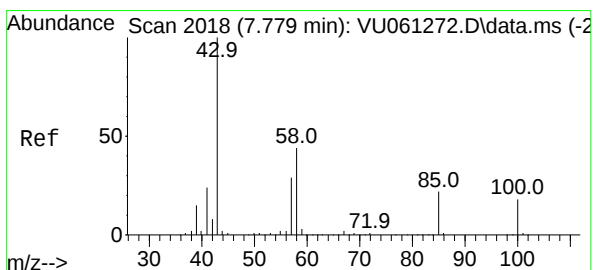
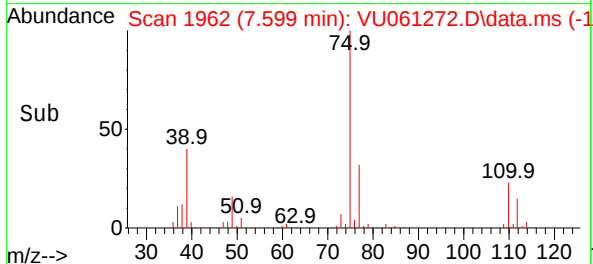
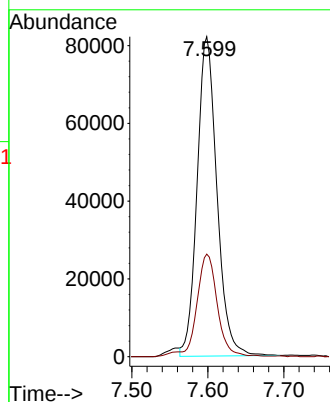
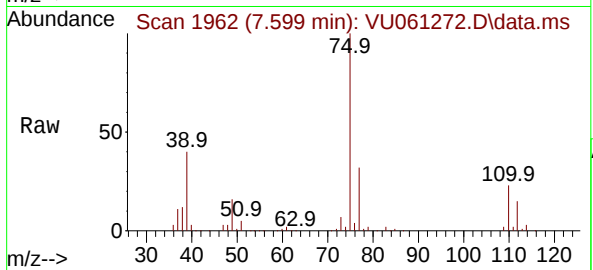




#39
 cis-1,3-Dichloropropene
 Concen: 54.346 ug/L
 RT: 7.599 min Scan# 1962
 Delta R.T. 0.000 min
 Lab File: VU061272.D
 Acq: 28 Oct 2024 18:19

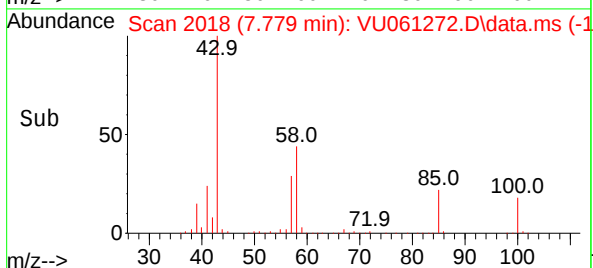
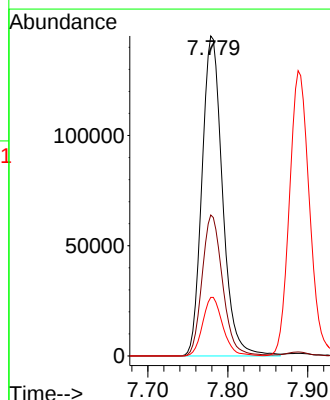
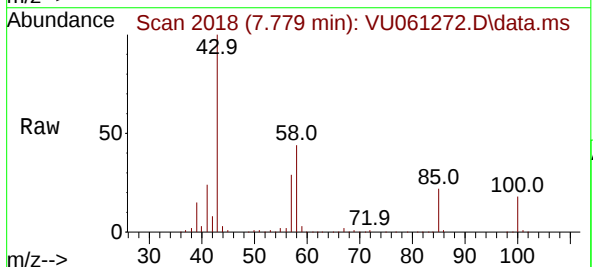
Instrument :
 MSVOA_U
 ClientSampleId :

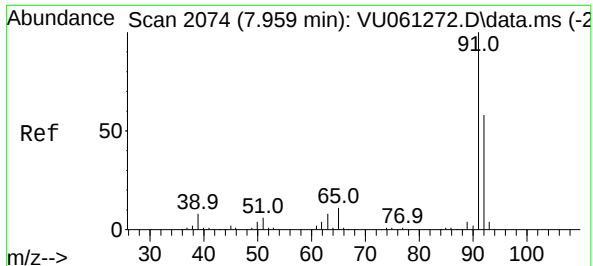
Tgt Ion: 75 Resp: 148796
 Ion Ratio Lower Upper
 75 100
 77 32.1 22.5 41.7



#40
 4-Methyl-2-pentanone
 Concen: 113.423 ug/L
 RT: 7.779 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VU061272.D
 Acq: 28 Oct 2024 18:19

Tgt Ion: 43 Resp: 259794
 Ion Ratio Lower Upper
 43 100
 58 44.0 35.2 52.8
 100 18.0 14.4 21.6





#42

Toluene

Concen: 53.872 ug/L

RT: 7.959 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VU061272.D

Acq: 28 Oct 2024 18:19

Instrument :

MSVOA_U

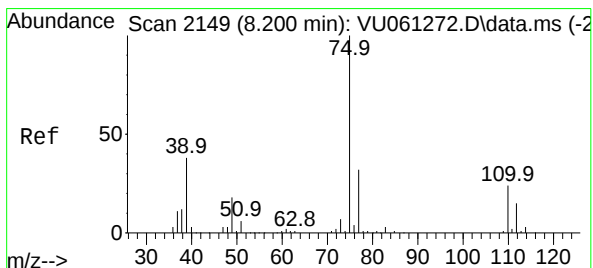
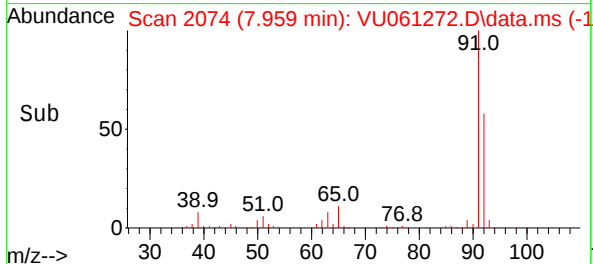
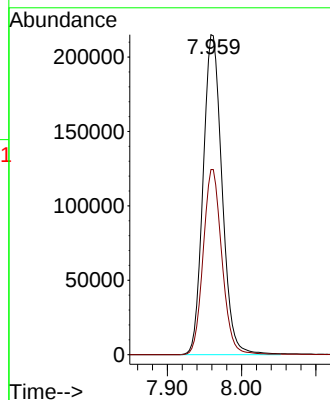
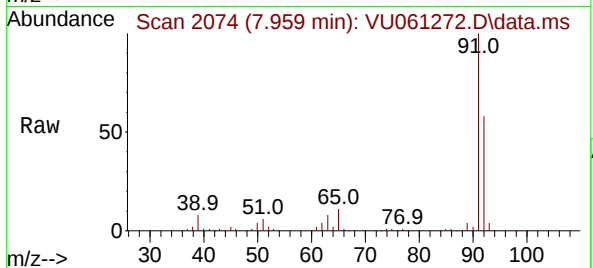
ClientSampleId :

Tgt Ion: 91 Resp: 380710

Ion Ratio Lower Upper

91 100

92 57.8 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 55.227 ug/L

RT: 8.200 min Scan# 2149

Delta R.T. 0.000 min

Lab File: VU061272.D

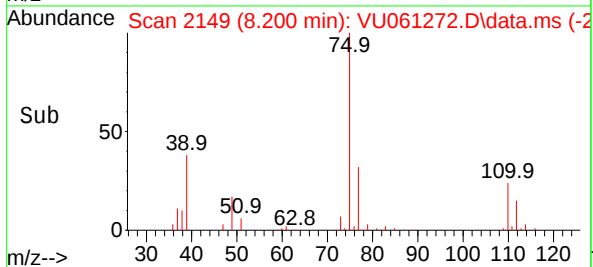
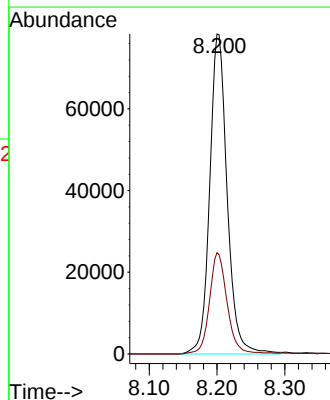
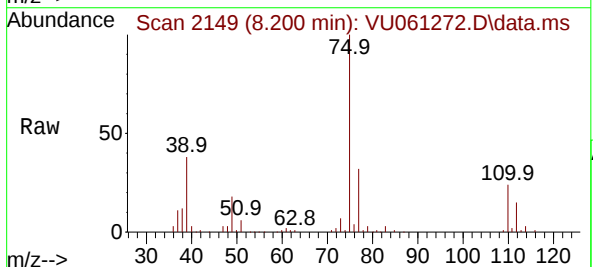
Acq: 28 Oct 2024 18:19

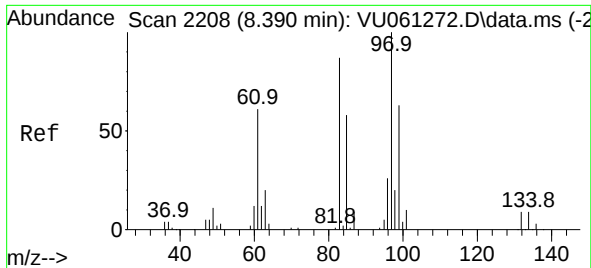
Tgt Ion: 75 Resp: 139964

Ion Ratio Lower Upper

75 100

77 31.7 22.2 41.2

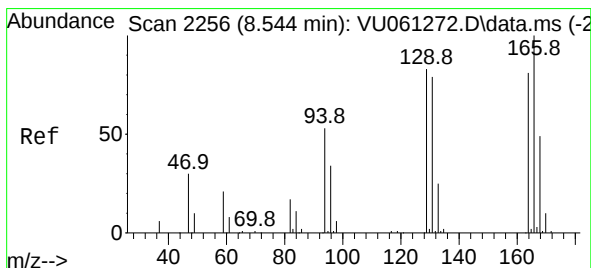
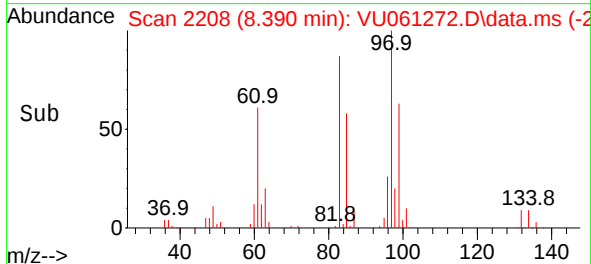
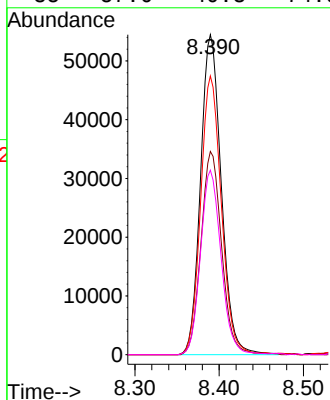
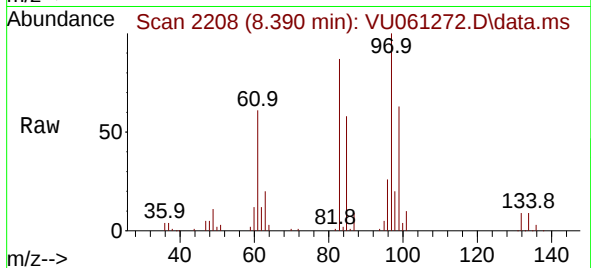




#45
1,1,2-Trichloroethane
Concen: 50.671 ug/L
RT: 8.390 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VU061272.D
Acq: 28 Oct 2024 18:19

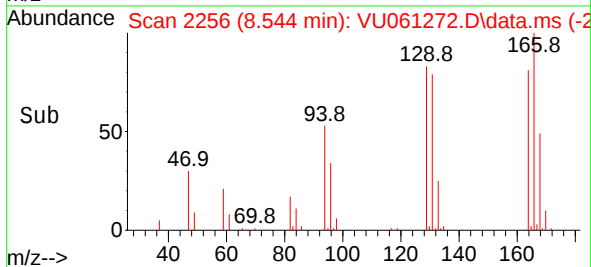
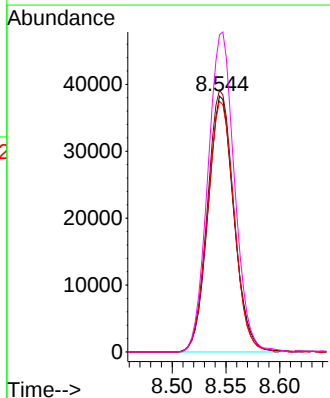
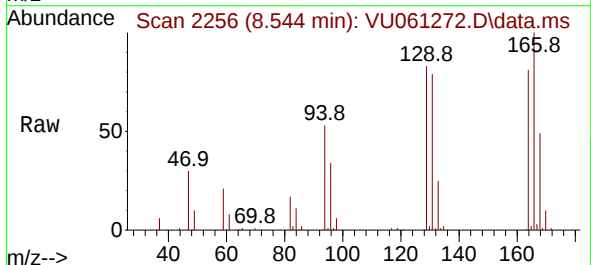
Instrument :
MSVOA_U
ClientSampleId :

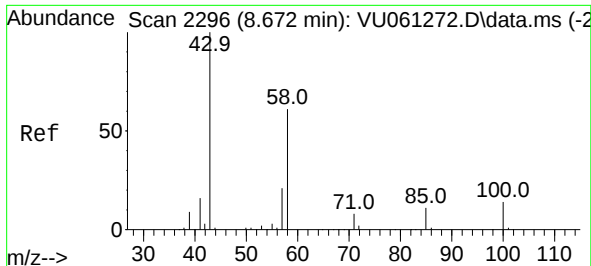
Tgt Ion:	97	Resp:	93477
Ion	Ratio	Lower	Upper
97	100		
99	63.5	44.4	82.5
83	87.1	61.0	113.2
85	57.6	40.3	74.9



#46
Tetrachloroethene
Concen: 46.541 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.000 min
Lab File: VU061272.D
Acq: 28 Oct 2024 18:19

Tgt Ion:	164	Resp:	64454
Ion	Ratio	Lower	Upper
164	100		
129	102.3	71.6	133.0
131	98.0	68.6	127.4
166	124.0	86.8	161.2

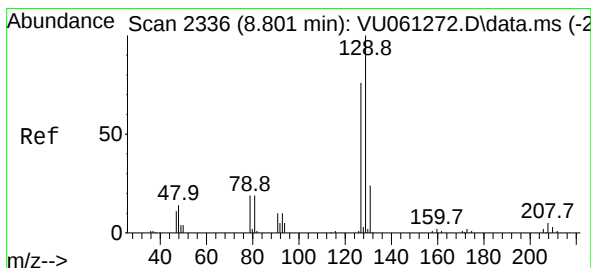
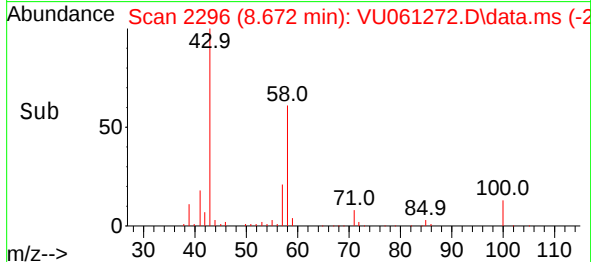
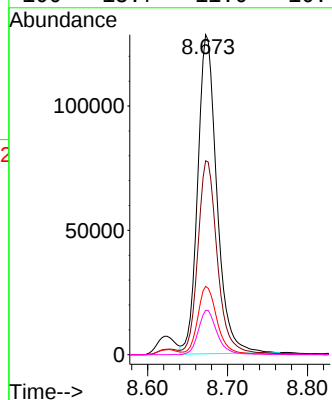
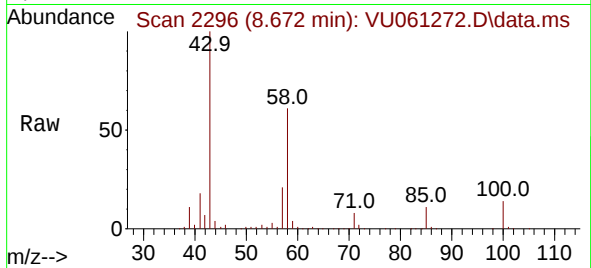




#48
2-Hexanone
Concen: 112.360 ug/L
RT: 8.672 min Scan# 2296
Delta R.T. 0.000 min
Lab File: VU061272.D
Acq: 28 Oct 2024 18:19

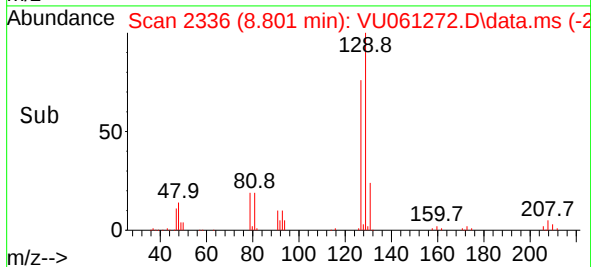
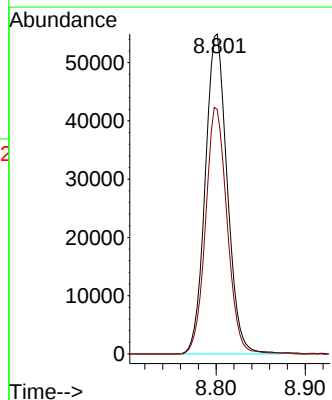
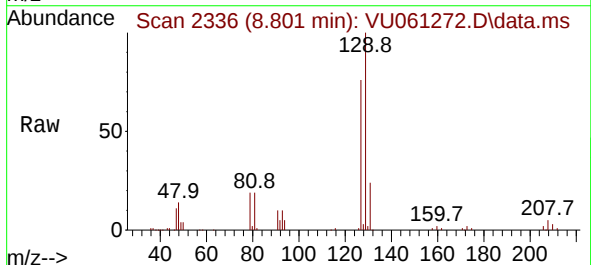
Instrument :
MSVOA_U
ClientSampleId :

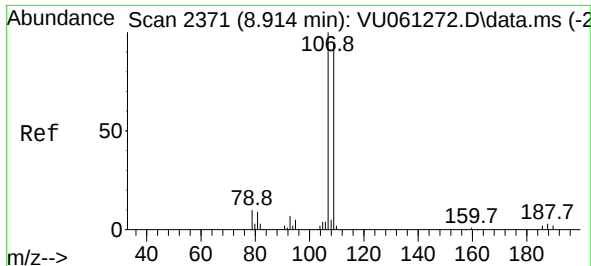
Tgt Ion: 43 Resp: 214842
Ion Ratio Lower Upper
43 100
58 61.5 49.2 73.8
57 21.8 17.4 26.2
100 13.7 11.0 16.4



#49
Dibromochloromethane
Concen: 51.508 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU061272.D
Acq: 28 Oct 2024 18:19

Tgt Ion: 129 Resp: 94031
Ion Ratio Lower Upper
129 100
127 76.4 53.5 99.3

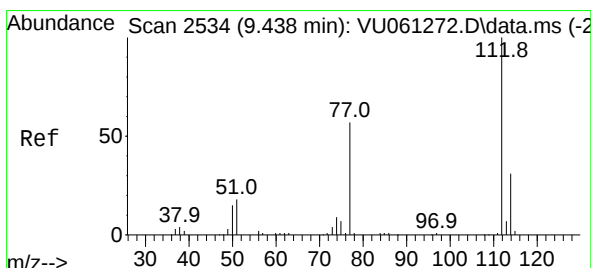
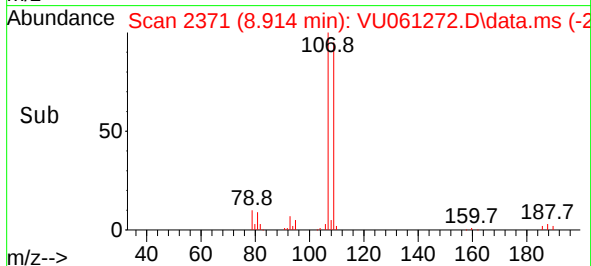
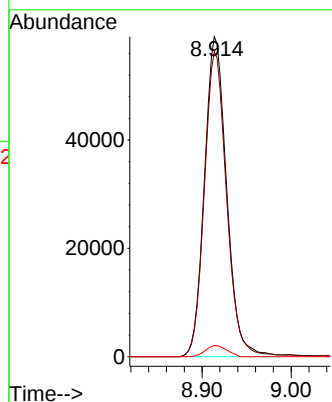
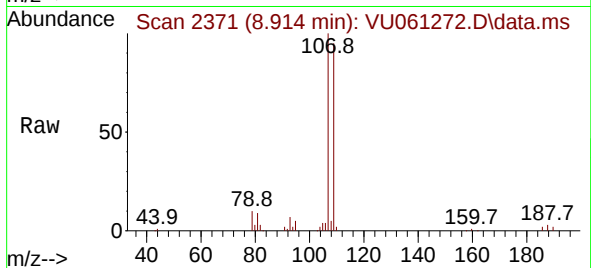




#50
1,2-Dibromoethane
Concen: 52.551 ug/L
RT: 8.914 min Scan# 2371
Delta R.T. 0.000 min
Lab File: VU061272.D
Acq: 28 Oct 2024 18:19

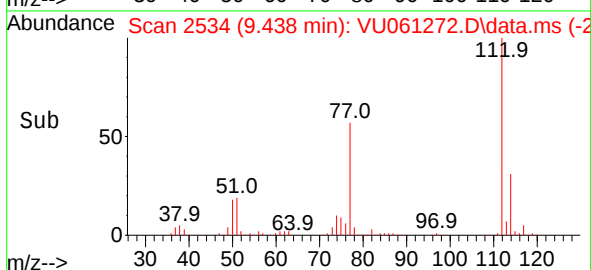
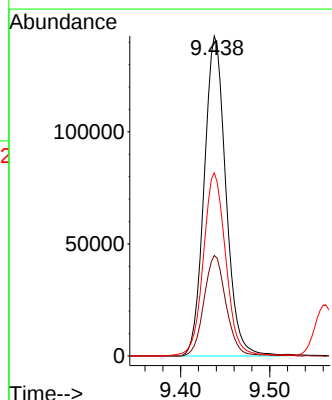
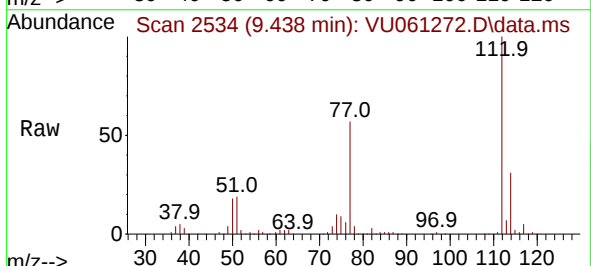
Instrument :
MSVOA_U
ClientSampleId :

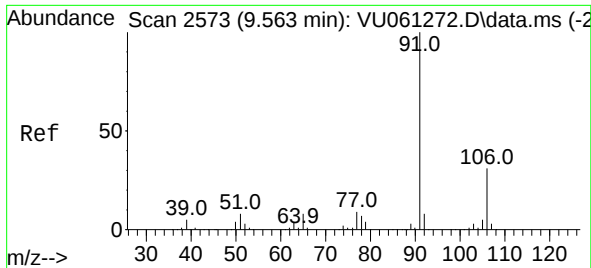
Tgt Ion:107 Resp: 102411
Ion Ratio Lower Upper
107 100
109 95.4 66.8 124.0
188 3.5 2.8 4.2



#51
Chlorobenzene
Concen: 51.666 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. 0.000 min
Lab File: VU061272.D
Acq: 28 Oct 2024 18:19

Tgt Ion:112 Resp: 241427
Ion Ratio Lower Upper
112 100
114 31.4 22.0 40.8
77 57.2 45.8 68.6

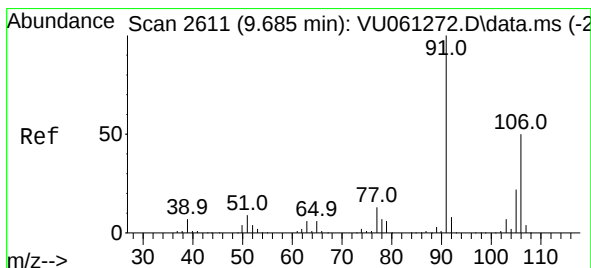
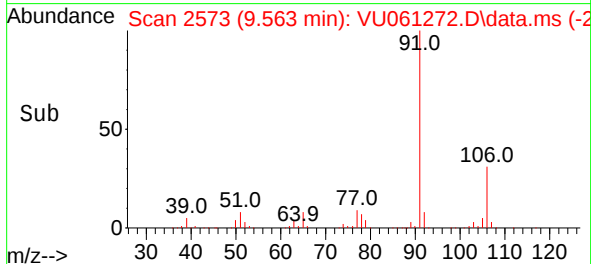
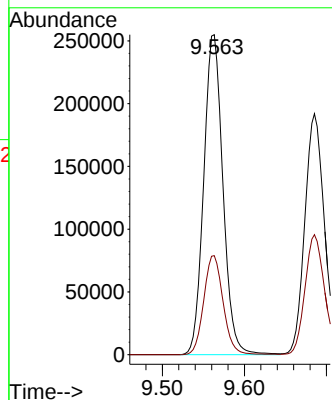
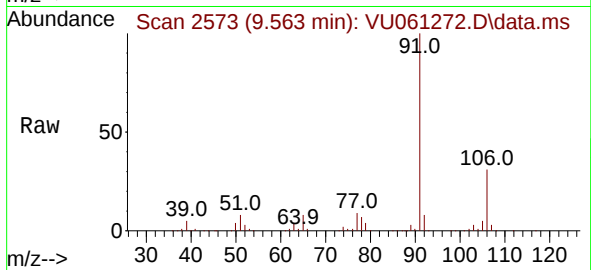




#52
Ethylbenzene
Concen: 54.700 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU061272.D
Acq: 28 Oct 2024 18:19

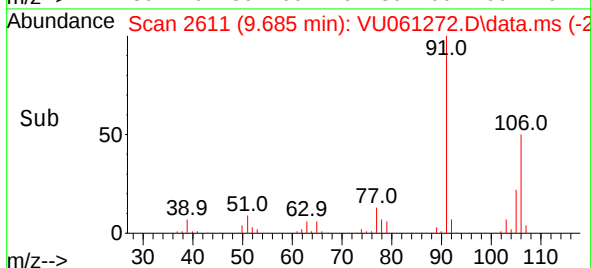
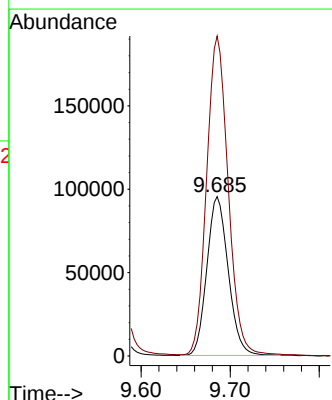
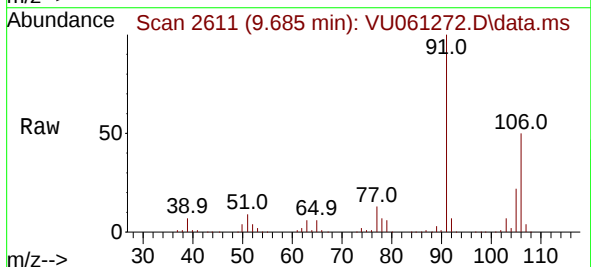
Instrument :
MSVOA_U
ClientSampleId :

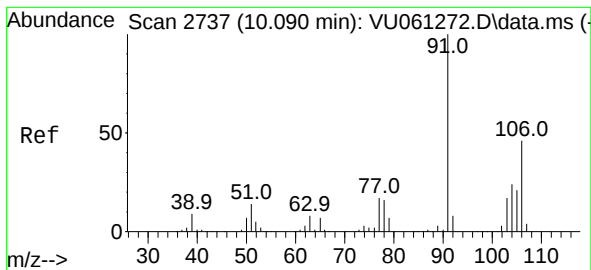
Tgt Ion: 91 Resp: 415325
Ion Ratio Lower Upper
91 100
106 30.9 21.6 40.2



#53
m,p-Xylene
Concen: 53.936 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. 0.000 min
Lab File: VU061272.D
Acq: 28 Oct 2024 18:19

Tgt Ion:106 Resp: 158808
Ion Ratio Lower Upper
106 100
91 200.9 140.6 261.2





#54

o-Xylene

Concen: 55.654 ug/L

RT: 10.090 min Scan# 2737

Delta R.T. 0.000 min

Lab File: VU061272.D

Acq: 28 Oct 2024 18:19

Instrument :

MSVOA_U

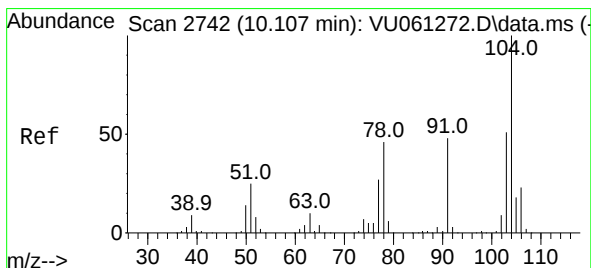
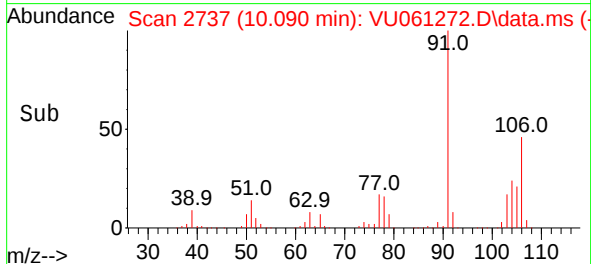
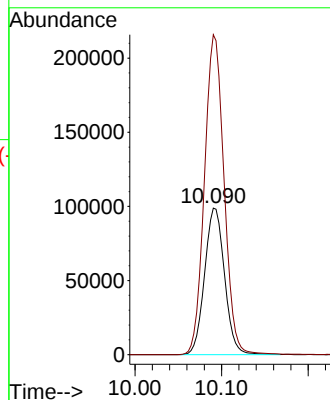
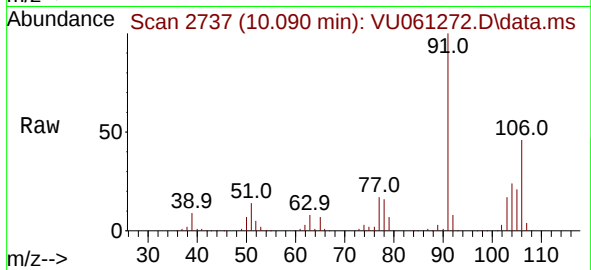
ClientSampleId :

Tgt Ion:106 Resp: 158336

Ion Ratio Lower Upper

106 100

91 218.2 152.7 283.7



#55

Styrene

Concen: 54.740 ug/L

RT: 10.107 min Scan# 2742

Delta R.T. 0.000 min

Lab File: VU061272.D

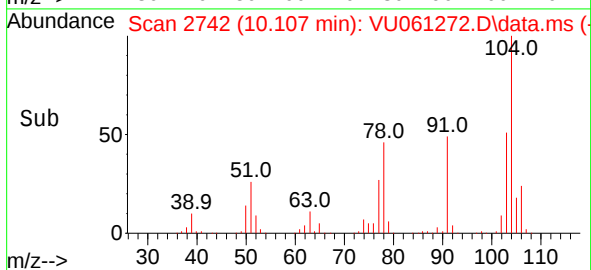
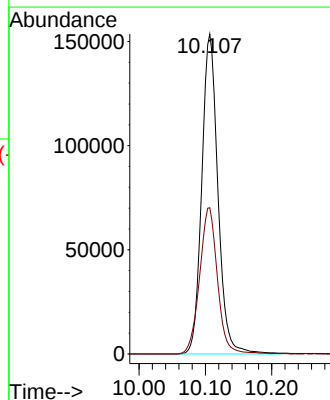
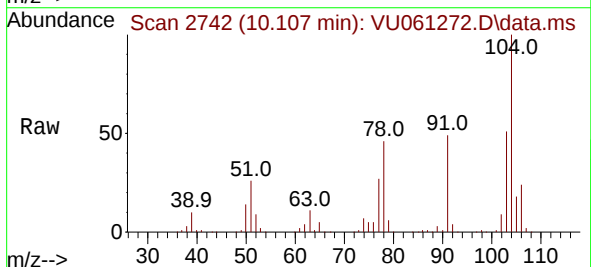
Acq: 28 Oct 2024 18:19

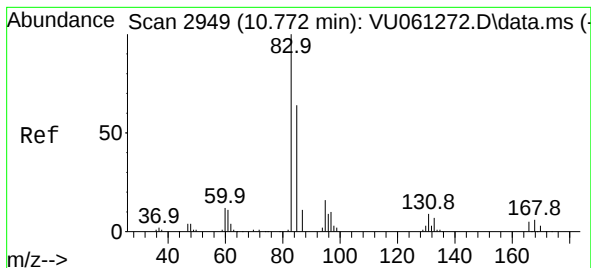
Tgt Ion:104 Resp: 259956

Ion Ratio Lower Upper

104 100

78 45.7 32.0 59.4

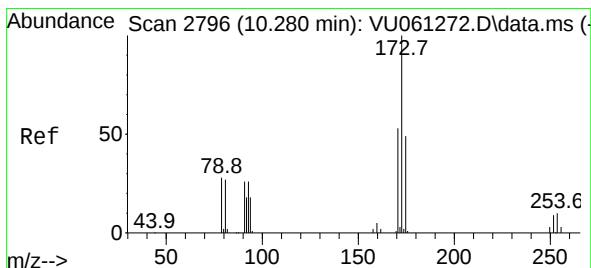
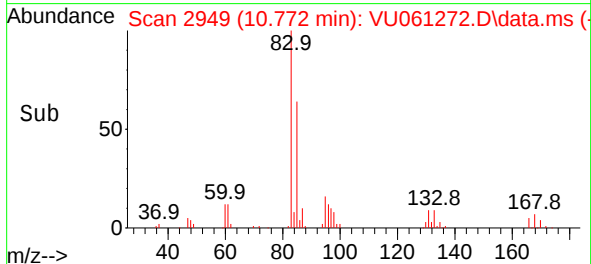
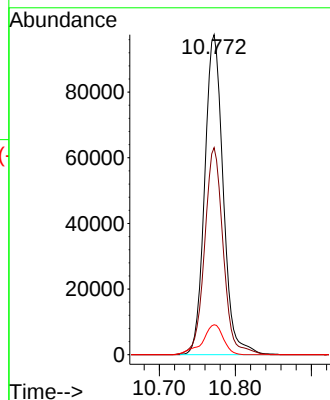
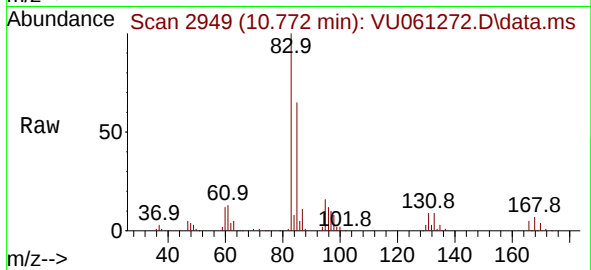




#57
1,1,2,2-Tetrachloroethane
Concen: 52.521 ug/L
RT: 10.772 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU061272.D
Acq: 28 Oct 2024 18:19

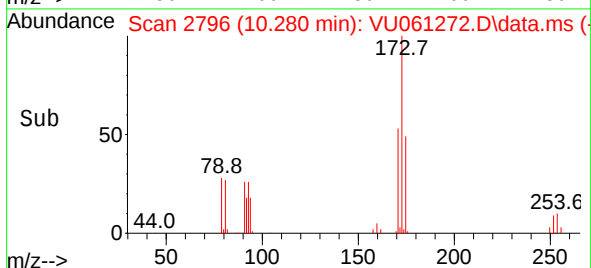
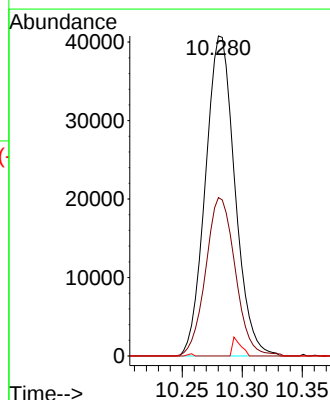
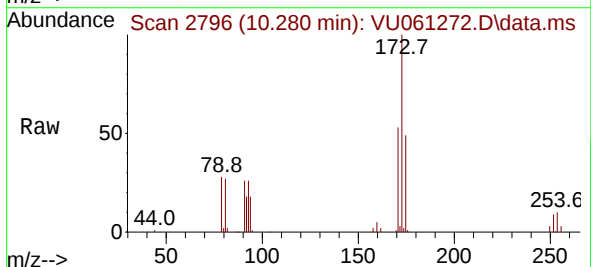
Instrument :
MSVOA_U
ClientSampleId :

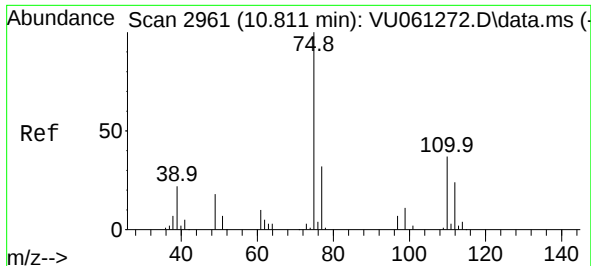
Tgt Ion: 83 Resp: 164665
Ion Ratio Lower Upper
83 100
85 64.7 45.3 84.1
131 9.4 7.5 11.3



#59
Bromoform
Concen: 49.724 ug/L
RT: 10.280 min Scan# 2796
Delta R.T. 0.000 min
Lab File: VU061272.D
Acq: 28 Oct 2024 18:19

Tgt Ion:173 Resp: 69750
Ion Ratio Lower Upper
173 100
175 49.6 39.7 59.5
254 1.7 1.4 2.0





#60

1,2,3-Trichloropropane

Concen: 55.490 ug/L

RT: 10.811 min Scan# 2961

Delta R.T. 0.000 min

Lab File: VU061272.D

Acq: 28 Oct 2024 18:19

Instrument :

MSVOA_U

ClientSampleId :

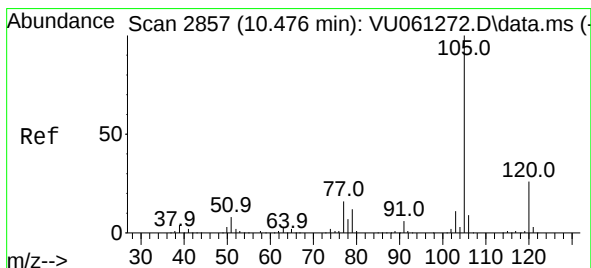
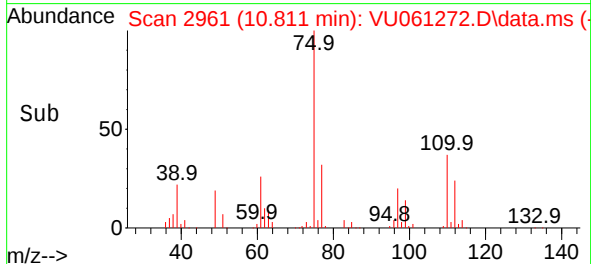
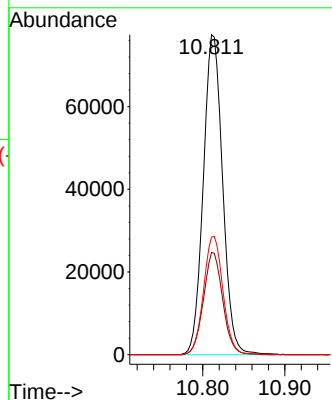
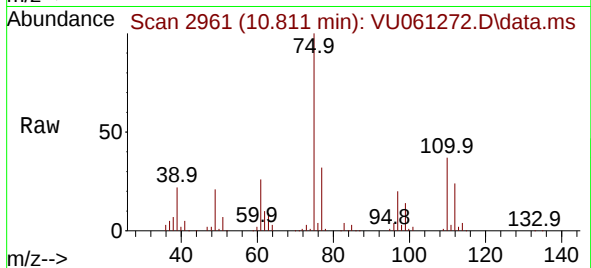
Tgt Ion: 75 Resp: 126567

Ion Ratio Lower Upper

75 100

77 31.9 25.5 38.3

110 37.2 29.8 44.6



#61

Isopropylbenzene

Concen: 58.145 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU061272.D

Acq: 28 Oct 2024 18:19

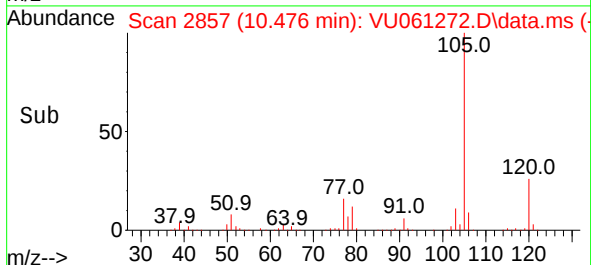
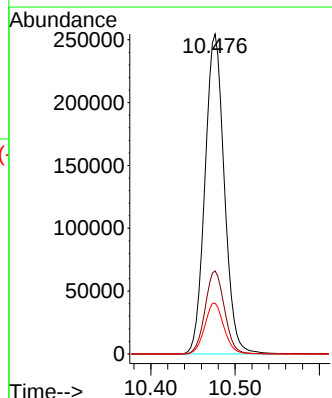
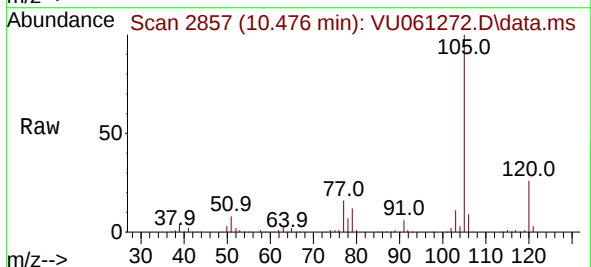
Tgt Ion:105 Resp: 406605

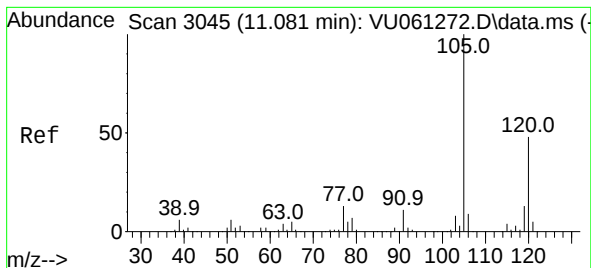
Ion Ratio Lower Upper

105 100

120 26.0 20.8 31.2

77 15.9 12.7 19.1





#62

1,3,5-Trimethylbenzene

Concen: 62.433 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. 0.000 min

Lab File: VU061272.D

Acq: 28 Oct 2024 18:19

Instrument :

MSVOA_U

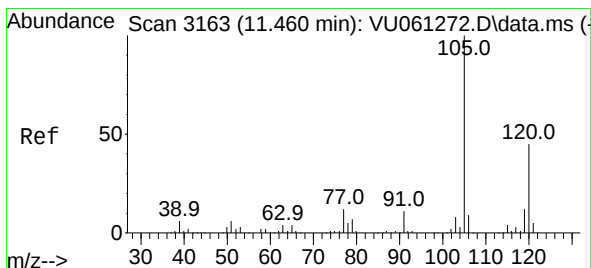
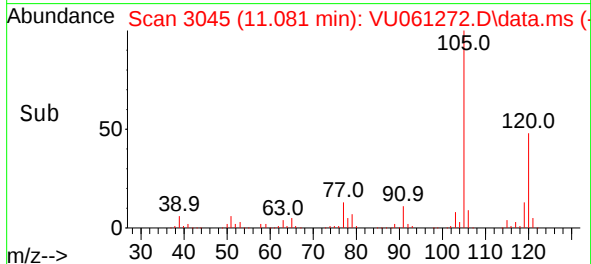
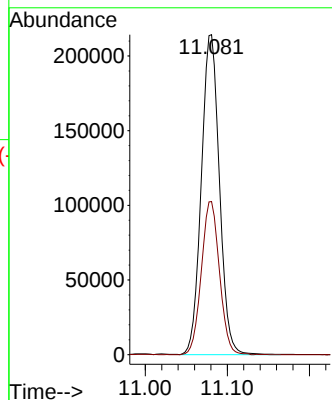
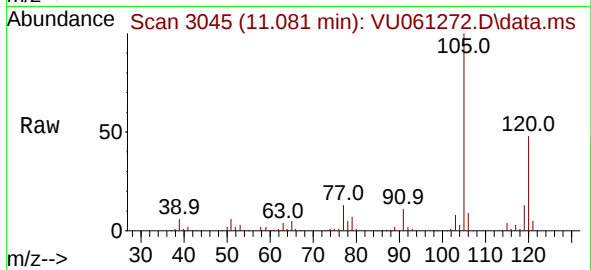
ClientSampleId :

Tgt Ion:105 Resp: 328299

Ion Ratio Lower Upper

105 100

120 47.8 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 59.293 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. 0.000 min

Lab File: VU061272.D

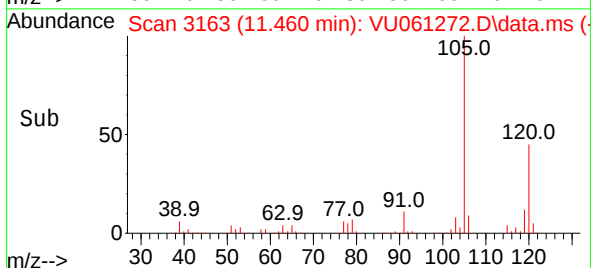
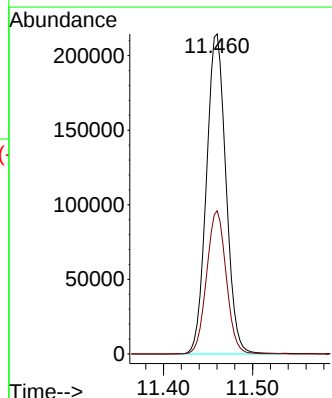
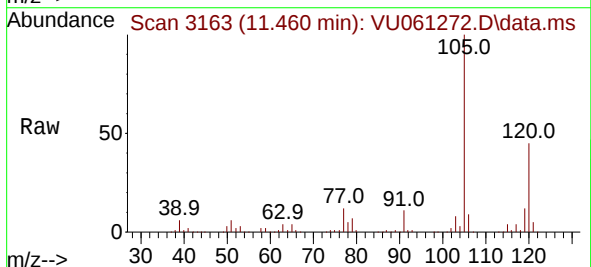
Acq: 28 Oct 2024 18:19

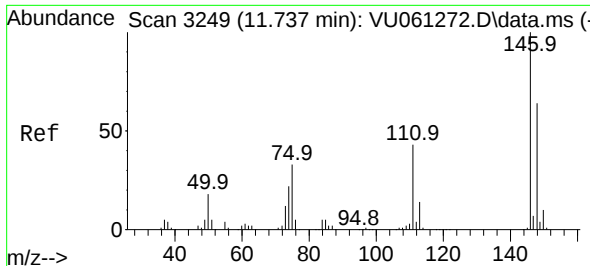
Tgt Ion:105 Resp: 326383

Ion Ratio Lower Upper

105 100

120 44.8 35.8 53.8





#64

1,3-Dichlorobenzene

Concen: 50.095 ug/L

RT: 11.737 min Scan# 3249

Delta R.T. 0.000 min

Lab File: VU061272.D

Acq: 28 Oct 2024 18:19

Instrument :

MSVOA_U

ClientSampleId :

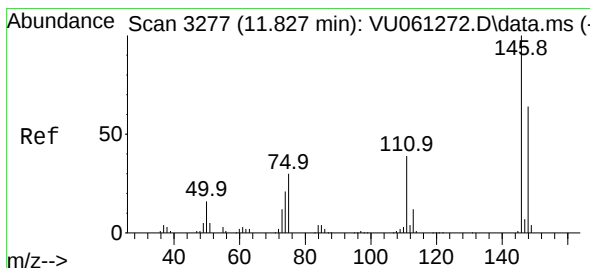
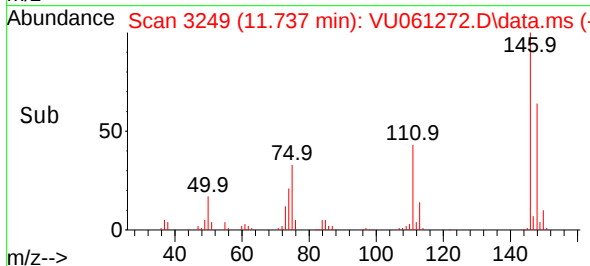
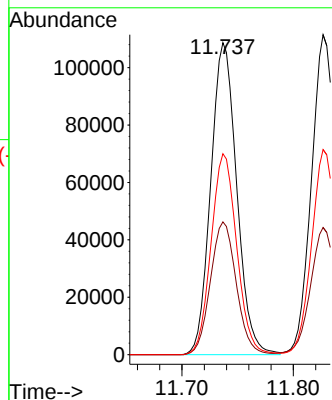
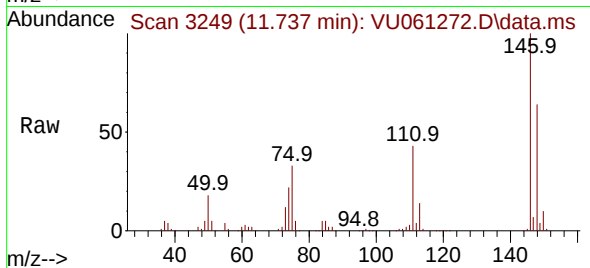
Tgt Ion:146 Resp: 176030

Ion Ratio Lower Upper

146 100

111 39.8 27.9 51.7

148 64.1 44.9 83.3



#65

1,4-Dichlorobenzene

Concen: 49.318 ug/L

RT: 11.827 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VU061272.D

Acq: 28 Oct 2024 18:19

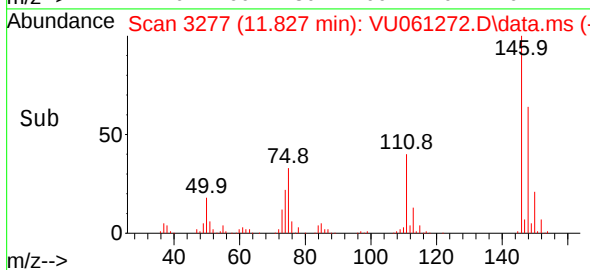
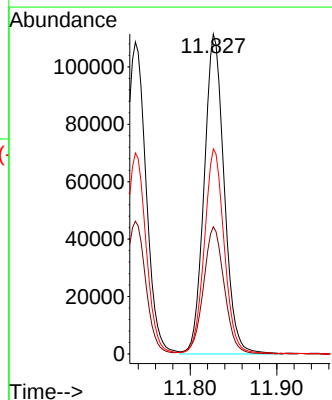
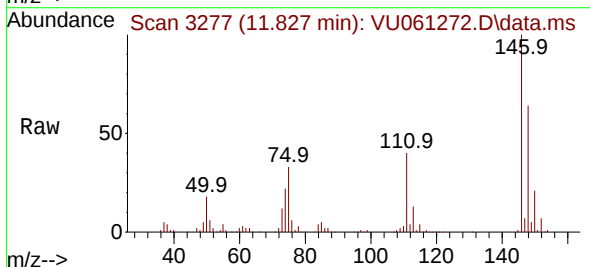
Tgt Ion:146 Resp: 179200

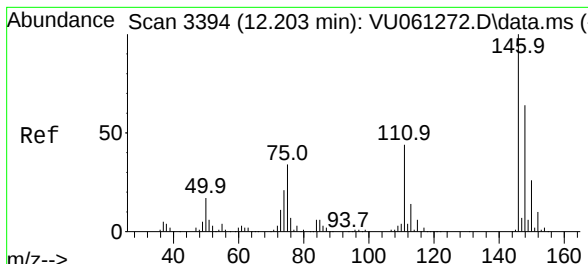
Ion Ratio Lower Upper

146 100

111 39.8 27.9 51.7

148 64.1 44.9 83.3

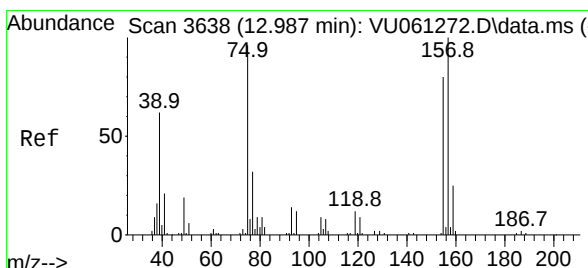
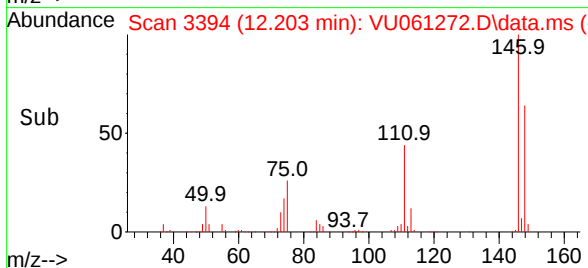
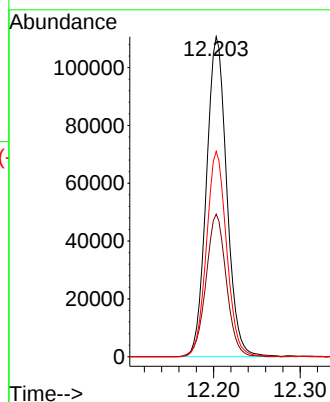
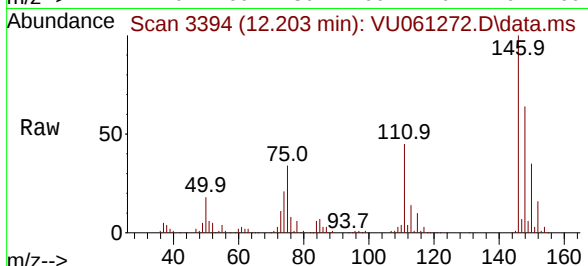




#67
1,2-Dichlorobenzene
Concen: 50.656 ug/L
RT: 12.203 min Scan# 3394
Delta R.T. 0.000 min
Lab File: VU061272.D
Acq: 28 Oct 2024 18:19

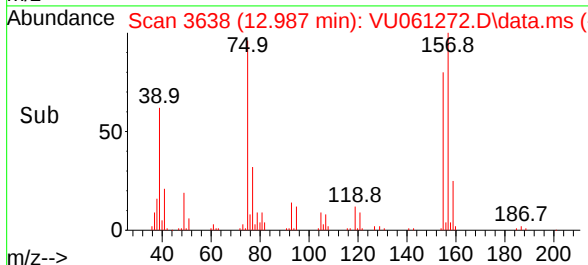
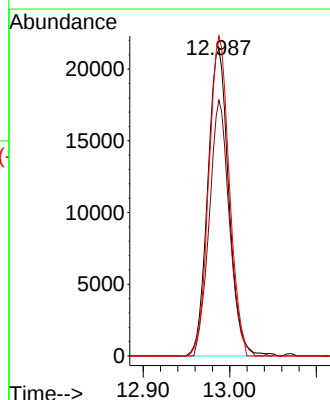
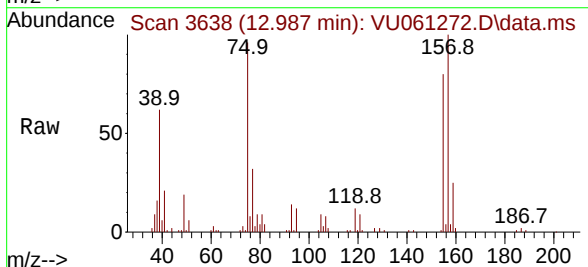
Instrument :
MSVOA_U
ClientSampleId :

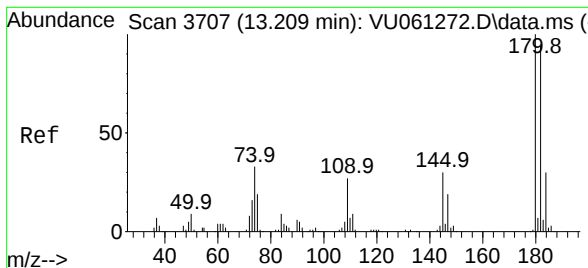
Tgt Ion:146 Resp: 180372
Ion Ratio Lower Upper
146 100
111 44.5 35.6 53.4
148 64.2 51.4 77.0



#68
1,2-Dibromo-3-chloropropane
Concen: 57.614 ug/L
RT: 12.987 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VU061272.D
Acq: 28 Oct 2024 18:19

Tgt Ion: 75 Resp: 36138
Ion Ratio Lower Upper
75 100
155 83.3 66.6 100.0
157 108.9 87.1 130.7





#69

1,3,5-Trichlorobenzene

Concen: 48.063 ug/L

RT: 13.209 min Scan# 3707

Delta R.T. 0.000 min

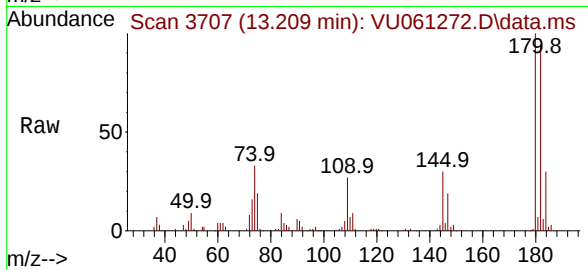
Lab File: VU061272.D

Acq: 28 Oct 2024 18:19

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 120954

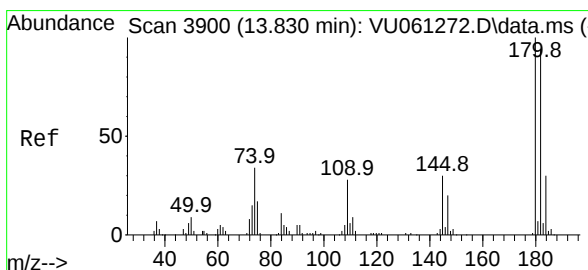
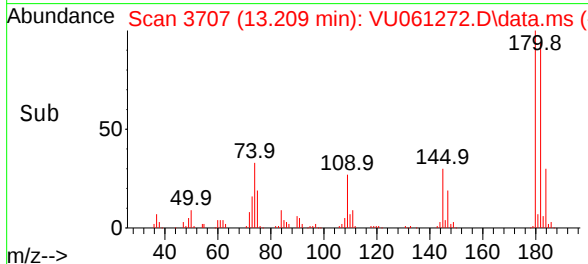
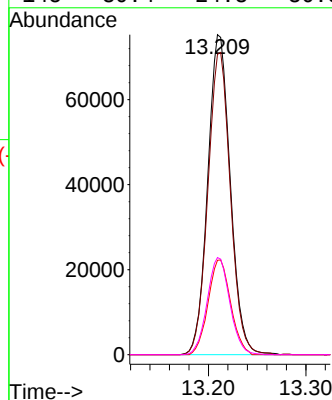
Ion Ratio Lower Upper

180 100

182 94.1 75.3 112.9

184 29.6 23.7 35.5

145 30.4 24.3 36.5



#70

1,2,4-trichlorobenzene

Concen: 47.447 ug/L

RT: 13.830 min Scan# 3900

Delta R.T. 0.000 min

Lab File: VU061272.D

Acq: 28 Oct 2024 18:19

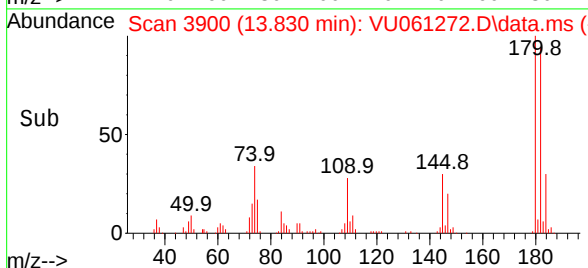
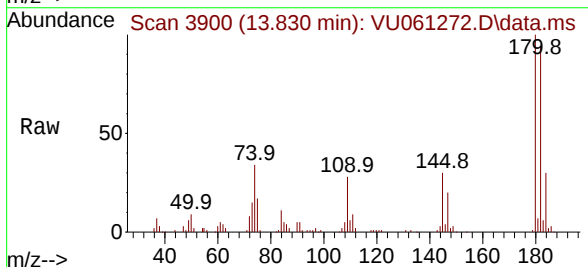
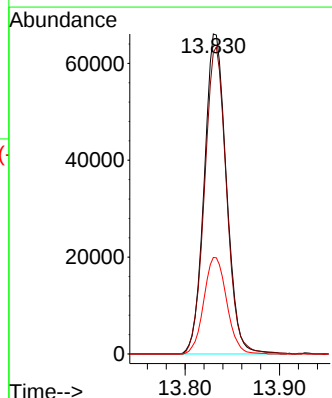
Tgt Ion:180 Resp: 107378

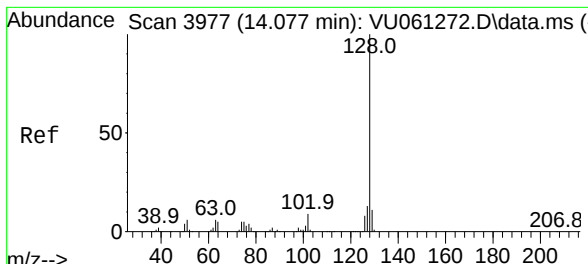
Ion Ratio Lower Upper

180 100

182 95.0 76.0 114.0

145 31.2 25.0 37.4



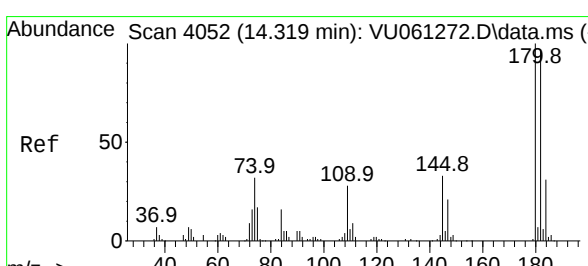
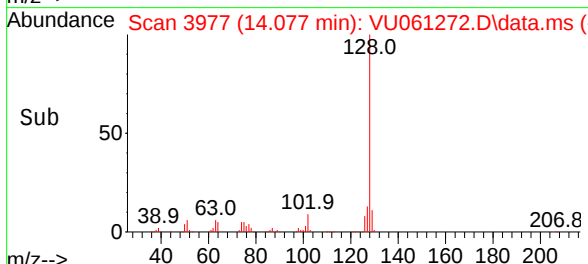
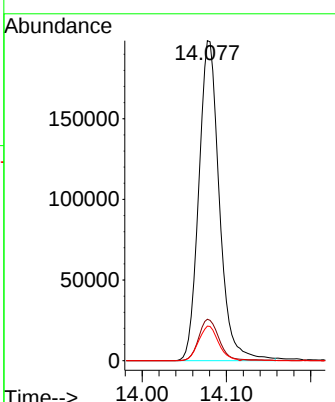
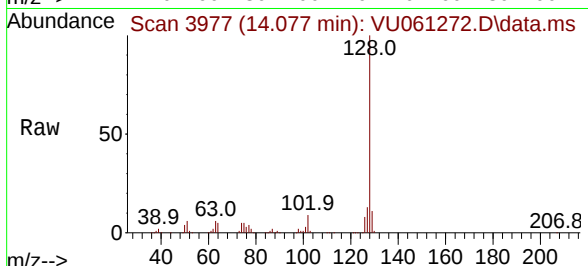


#71
 Naphthalene
 Concen: 50.977 ug/L
 RT: 14.077 min Scan# 3977
 Delta R.T. 0.000 min
 Lab File: VU061272.D
 Acq: 28 Oct 2024 18:19

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion:128 Resp: 337034

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	10.4	8.3	12.5



#72
 1,2,3-Trichlorobenzene
 Concen: 45.628 ug/L
 RT: 14.319 min Scan# 4052
 Delta R.T. 0.000 min
 Lab File: VU061272.D
 Acq: 28 Oct 2024 18:19

Tgt Ion:180 Resp: 102157

Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.7	115.1
145	32.0	25.6	38.4

