

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092724\
 Data File : VU061031.D
 Acq On : 27 Sep 2024 13:47
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 28 04:05:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 28 04:04:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	143006	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	146792	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	73011	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	51053	3.969	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.400%
7) Chloroethane-d5	1.911	69	45295	4.946	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.000%
11) 1,1-Dichloroethene-d2	2.560	65	19205	4.213	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.200%
20) 2-Butanone-d5	4.631	46	124531	60.309	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.620%
24) Chloroform-d	5.055	84	103876	5.283	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.600%
26) 1,2-Dichloroethane-d4	5.695	65	49984	5.318	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.400%
32) Benzene-d6	5.718	84	184594	4.692	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
36) 1,2-Dichloropropane-d6	6.682	67	65428	5.375	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.400%
41) Toluene-d8	7.891	98	165855	4.624	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
43) trans-1,3-Dichloroprop...	8.174	79	22115	5.047	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.000%
46) 2-Hexanone-d5	8.627	63	104383	60.390	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.780%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	55771	5.848	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	117.000%
66) 1,2-Dichlorobenzene-d4	12.184	152	57440	4.682	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.600%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.383	85	52137	4.830	ug/L	99
3) Chloromethane	1.518	50	61687	5.410	ug/L	98
5) Vinyl chloride	1.599	62	68039	5.513	ug/L	97
6) Bromomethane	1.853	94	36216	4.592	ug/L	94
8) Chloroethane	1.930	64	44197	5.862	ug/L	98
9) Trichlorofluoromethane	2.133	101	89076	5.255	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	53218	5.403	ug/L	97
12) 1,1-Dichloroethene	2.573	96	46675	5.189	ug/L	95
13) Acetone	2.650	43	76354	55.426	ug/L	95
14) Carbon disulfide	2.789	76	119043	4.770	ug/L	99
15) Methyl Acetate	2.952	43	19768	5.886	ug/L	99
16) Methylene chloride	3.039	84	57726	5.541	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	104024	5.117	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	46979	5.040	ug/L	99
19) 1,1-Dichloroethane	3.859	63	104111	5.563	ug/L	97
21) 2-Butanone	4.708	43	122921	54.814	ug/L	95
22) cis-1,2-Dichloroethene	4.660	96	54158	5.250	ug/L	98
23) Bromochloromethane	4.972	128	25286	5.190	ug/L	94
25) Chloroform	5.078	83	106549	5.460	ug/L	99

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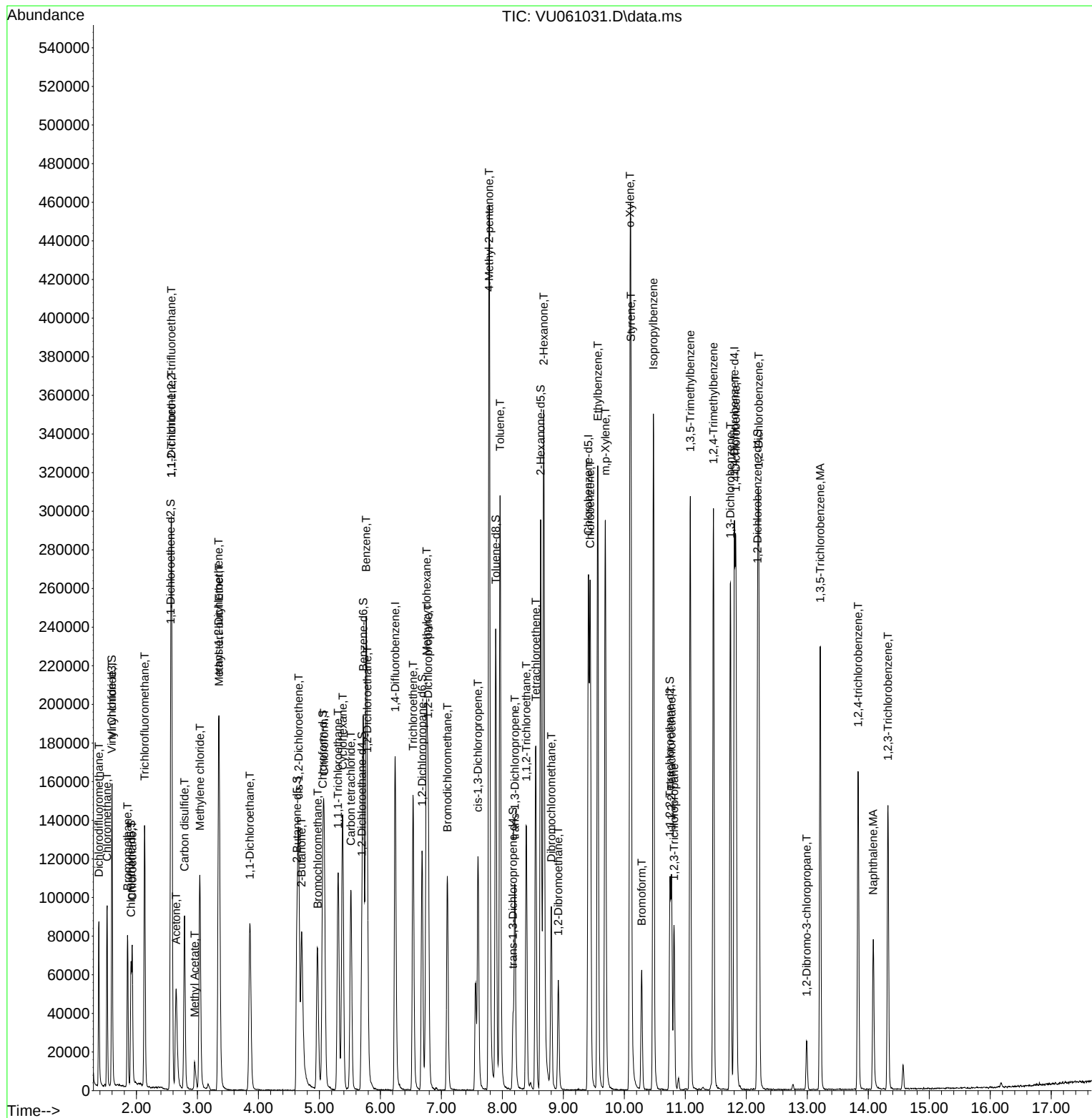
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	59790	5.287	ug/L	95
29) 1,1,1-Trichloroethane	5.306	97	83956	5.298	ug/L	97
30) Cyclohexane	5.380	56	64496	4.951	ug/L	99
31) Carbon tetrachloride	5.515	117	74024	5.276	ug/L	99
33) Benzene	5.766	78	223886	5.547	ug/L	100
34) Trichloroethene	6.534	95	54562	5.157	ug/L	97
35) Methylcyclohexane	6.756	83	71739	4.942	ug/L	100
37) 1,2-Dichloropropane	6.782	63	64193	5.771	ug/L	99
38) Bromodichloromethane	7.097	83	76948	5.640	ug/L #	96
39) cis-1,3-Dichloropropene	7.599	75	79653	5.385	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	302707	58.284	ug/L	97
42) Toluene	7.962	91	233878	5.542	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	67439	5.544	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	44570	5.551	ug/L	98
47) Tetrachloroethene	8.547	164	40749	4.846	ug/L	98
48) 2-Hexanone	8.676	43	224364	59.266	ug/L	99
49) Dibromochloromethane	8.801	129	47434	5.189	ug/L	96
50) 1,2-Dibromoethane	8.917	107	38394	5.358	ug/L #	99
51) Chlorobenzene	9.441	112	141401	4.990	ug/L	97
52) Ethylbenzene	9.563	91	230081	5.179	ug/L	97
53) m,p-Xylene	9.689	106	86202	5.117	ug/L	95
54) o-Xylene	10.094	106	83919	5.048	ug/L	97
55) Styrene	10.110	104	147429	5.262	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.772	83	57869	5.778	ug/L #	98
59) Bromoform	10.283	173	27965	5.082	ug/L	99
60) Isopropylbenzene	10.476	105	225429	5.210	ug/L	97
61) 1,2,3-Trichloropropane	10.814	75	37568	5.517	ug/L	100
62) 1,3,5-Trimethylbenzene	11.081	105	163349	4.858	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	161471	4.860	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	109786	5.046	ug/L	97
65) 1,4-Dichlorobenzene	11.827	146	109164	4.854	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	103142	5.014	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	7184	5.403	ug/L	97
69) 1,3,5-Trichlorobenzene	13.209	180	72895	4.479	ug/L	97
70) 1,2,4-trichlorobenzene	13.833	180	52947	4.619	ug/L	97
71) Naphthalene	14.081	128	69808	4.617	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	46849	4.730	ug/L	98

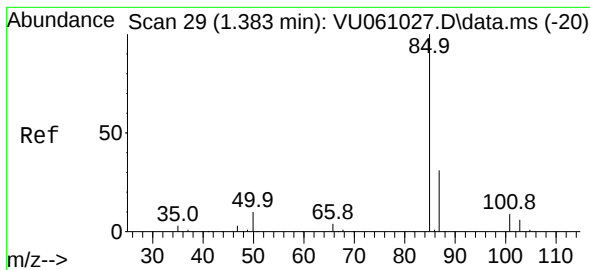
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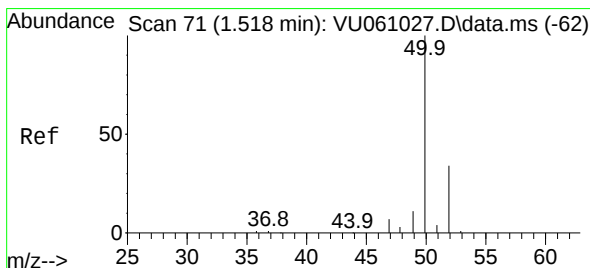
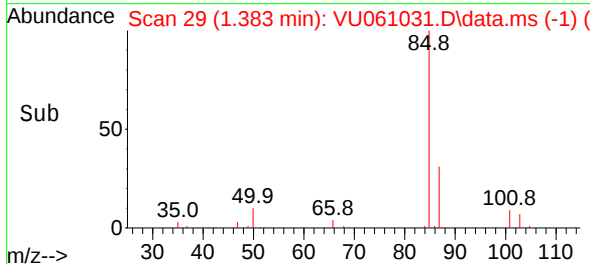
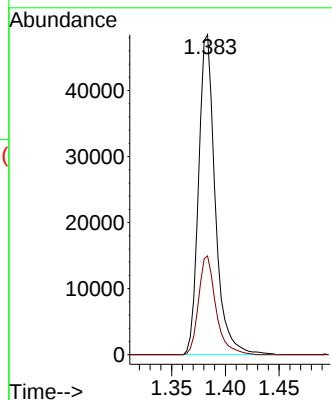
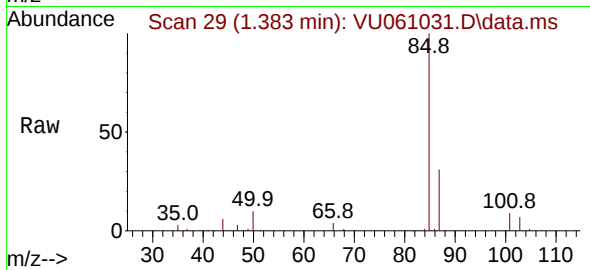




#2
 Dichlorodifluoromethane
 Concen: 4.830 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU061031.D
 Acq: 27 Sep 2024 13:47

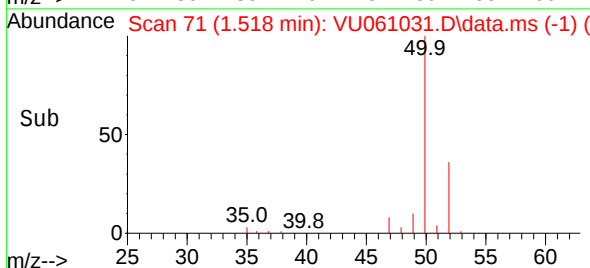
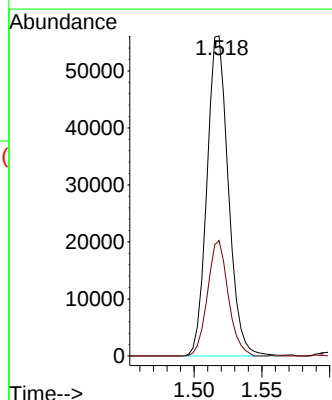
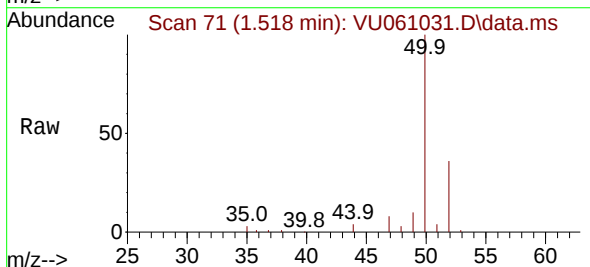
Instrument :
 MSVOA_U
 ClientSampleId :

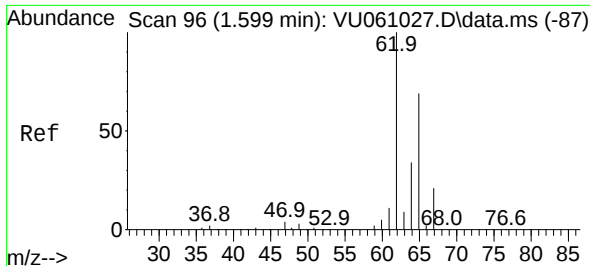
Tgt Ion: 85 Resp: 52137
 Ion Ratio Lower Upper
 85 100
 87 32.1 26.2 39.2



#3
 Chloromethane
 Concen: 5.410 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VU061031.D
 Acq: 27 Sep 2024 13:47

Tgt Ion: 50 Resp: 61687
 Ion Ratio Lower Upper
 50 100
 52 36.1 24.4 45.4

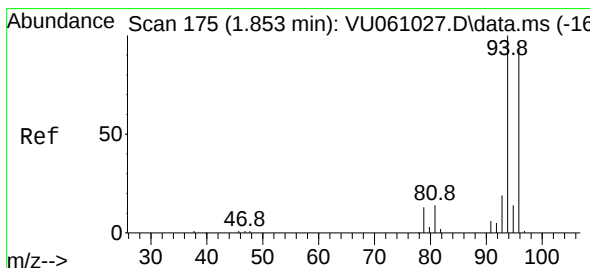
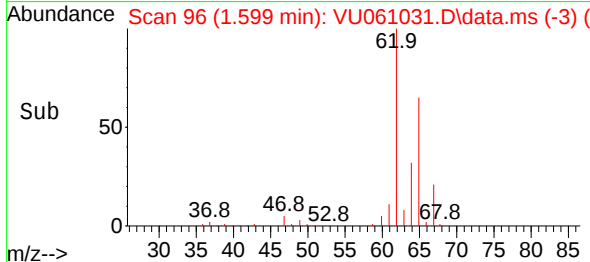
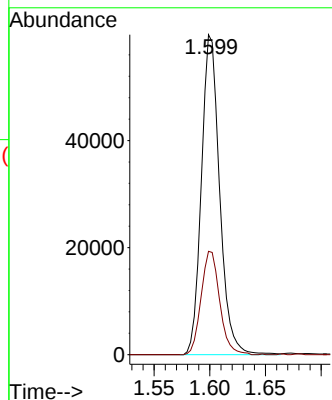
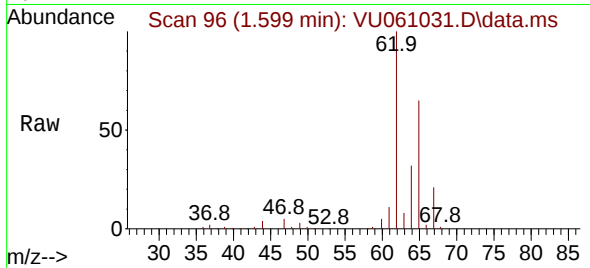




#5
 Vinyl chloride
 Concen: 5.513 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VU061031.D
 Acq: 27 Sep 2024 13:47

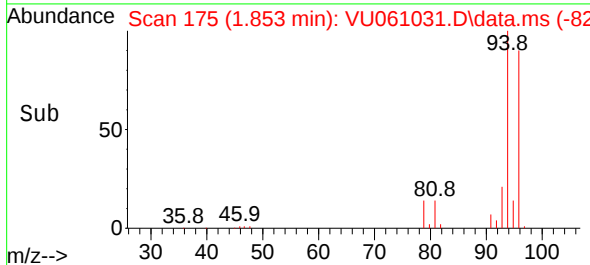
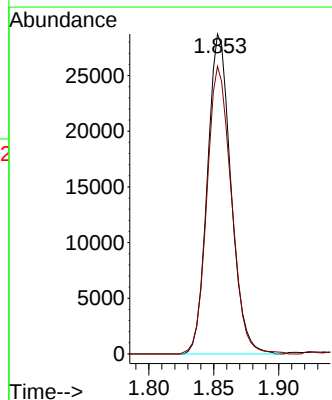
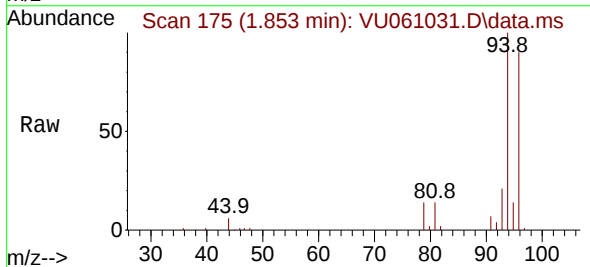
Instrument :
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 ClientSampleId :

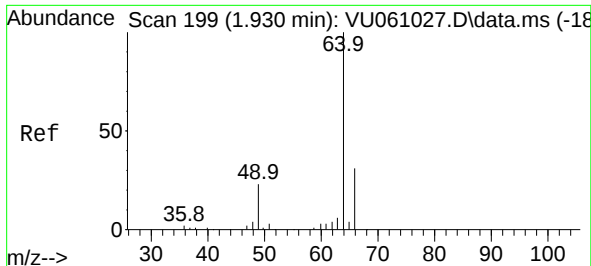
Tgt Ion: 62 Resp: 68039
 Ion Ratio Lower Upper
 62 100
 64 32.3 24.0 44.6



#6
 Bromomethane
 Concen: 4.592 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. 0.000 min
 Lab File: VU061031.D
 Acq: 27 Sep 2024 13:47

Tgt Ion: 94 Resp: 36216
 Ion Ratio Lower Upper
 94 100
 96 89.9 67.3 124.9

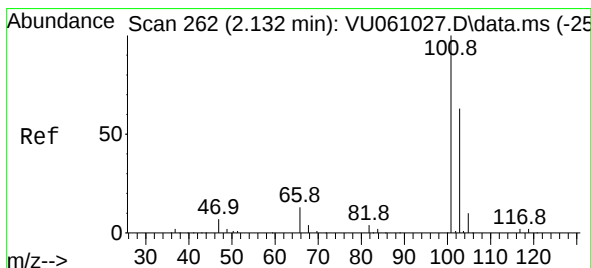
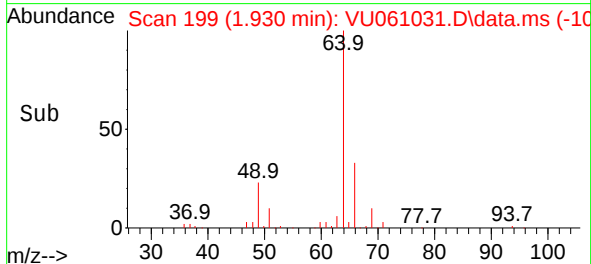
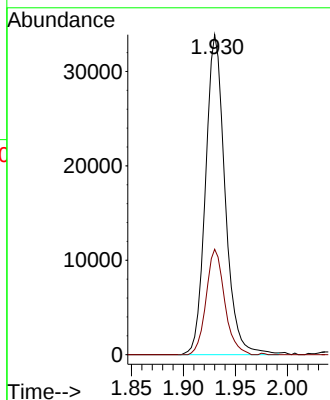
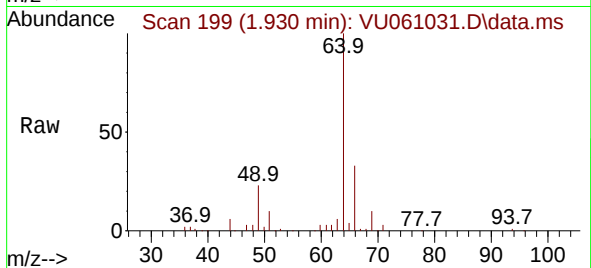




#8
Chloroethane
Concen: 5.862 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU061031.D
Acq: 27 Sep 2024 13:47

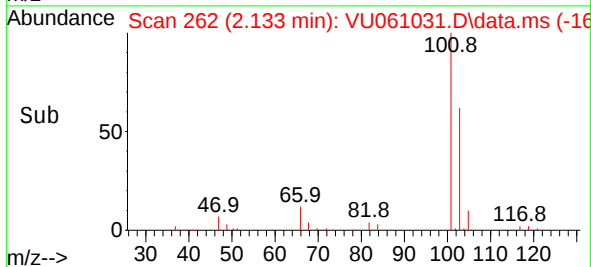
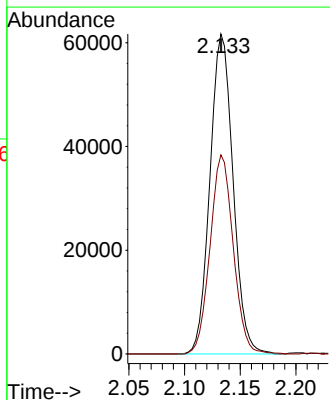
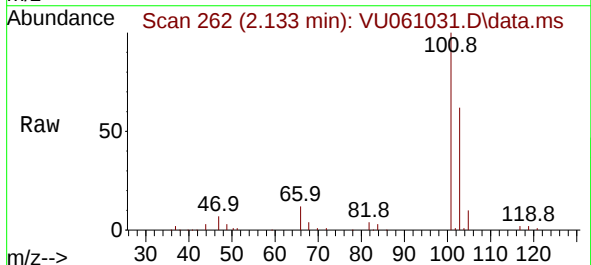
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ClientSampleId :

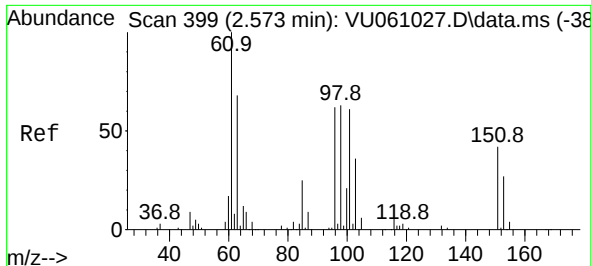
Tgt Ion: 64 Resp: 44197
Ion Ratio Lower Upper
64 100
66 33.0 22.3 41.3



#9
Trichlorofluoromethane
Concen: 5.255 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU061031.D
Acq: 27 Sep 2024 13:47

Tgt Ion:101 Resp: 89076
Ion Ratio Lower Upper
101 100
103 62.5 51.4 77.2

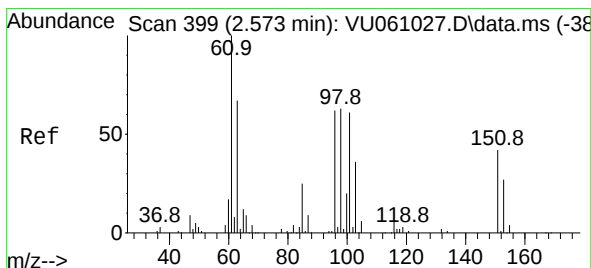
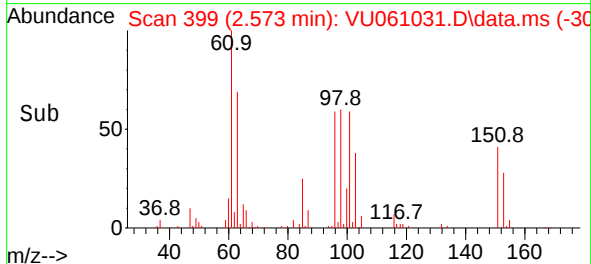
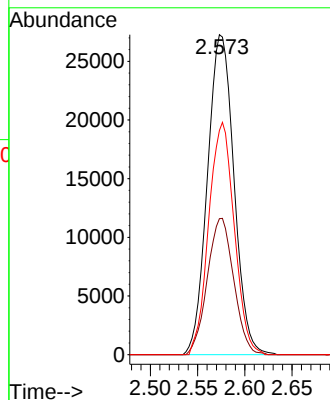
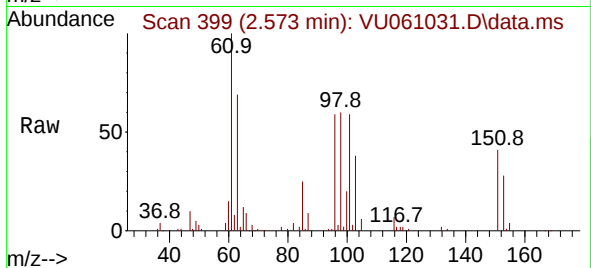




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.403 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU061031.D
Acq: 27 Sep 2024 13:47

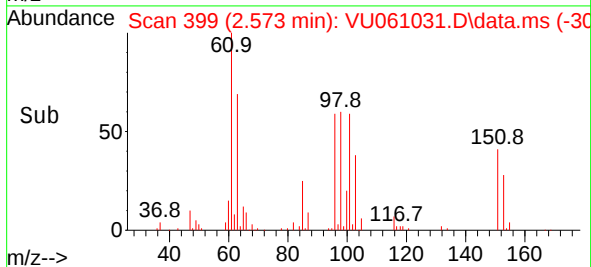
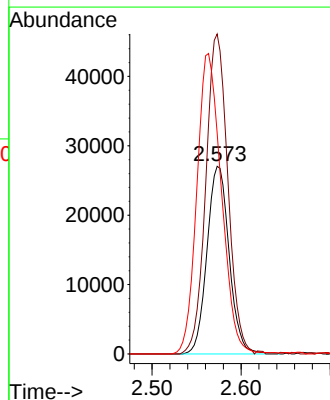
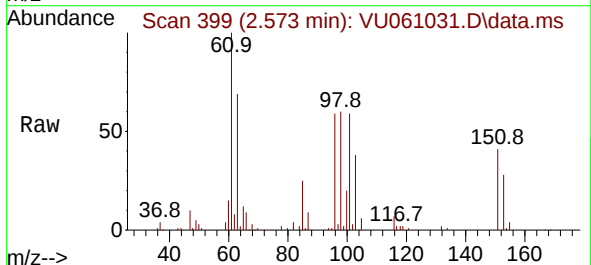
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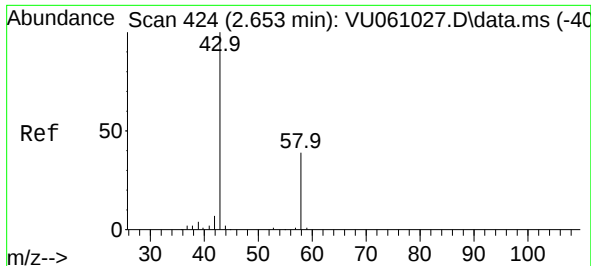
Tgt Ion:101 Resp: 53218
Ion Ratio Lower Upper
101 100
85 42.3 34.2 51.4
151 69.8 58.6 88.0



#12
1,1-Dichloroethene
Concen: 5.189 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU061031.D
Acq: 27 Sep 2024 13:47

Tgt Ion: 96 Resp: 46675
Ion Ratio Lower Upper
96 100
61 170.5 120.7 224.1
63 117.7 90.0 167.2





#13

Acetone

Concen: 55.426 ug/L

RT: 2.650 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU061031.D

Acq: 27 Sep 2024 13:47

Instrument :

MSVOA_U

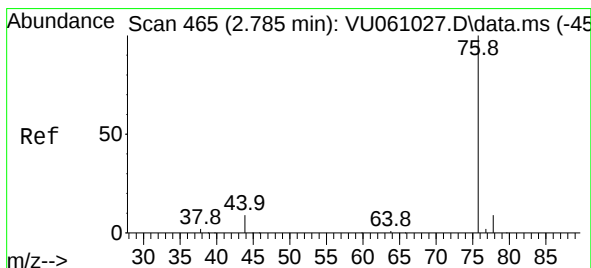
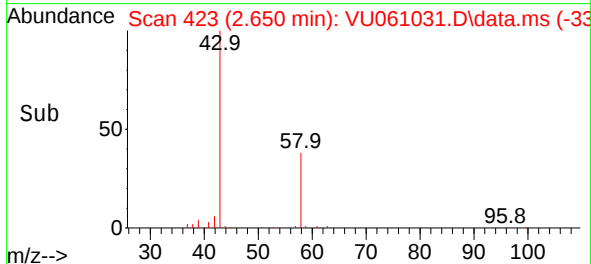
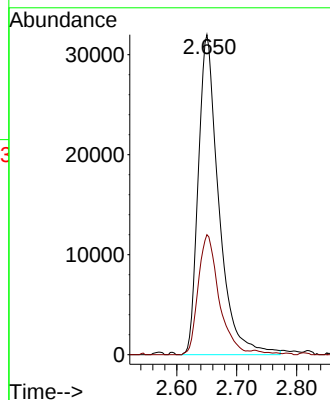
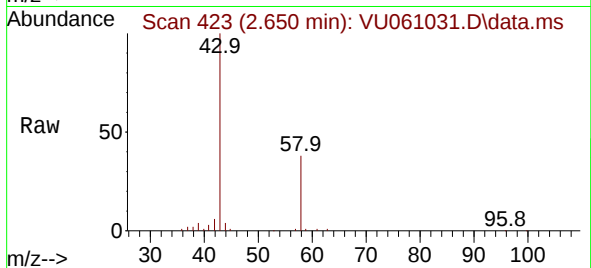
ClientSampleId :

Tgt Ion: 43 Resp: 76354

Ion Ratio Lower Upper

43 100

58 37.9 0.0 69.6



#14

Carbon disulfide

Concen: 4.770 ug/L

RT: 2.789 min Scan# 466

Delta R.T. 0.003 min

Lab File: VU061031.D

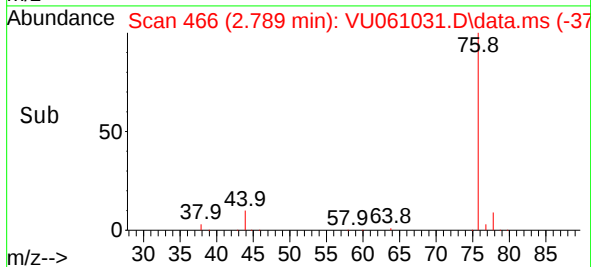
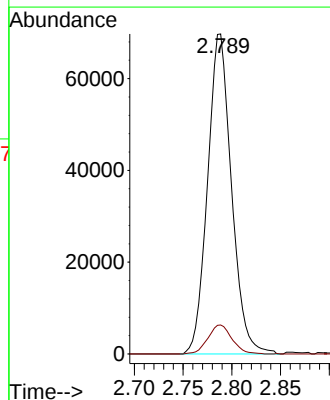
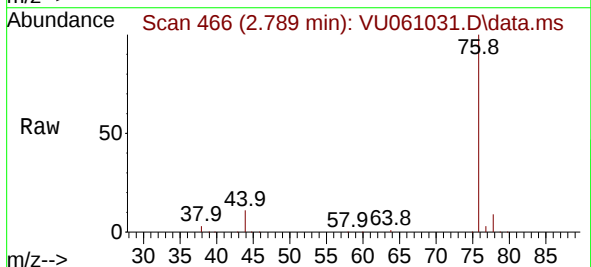
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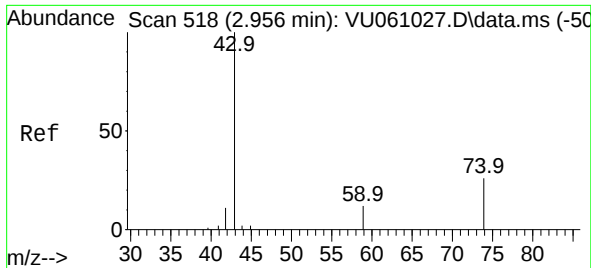
Tgt Ion: 76 Resp: 119043

Ion Ratio Lower Upper

76 100

78 9.2 7.1 10.7

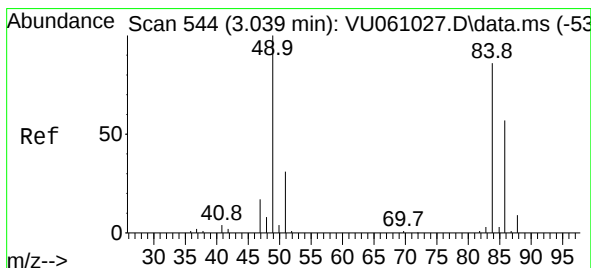
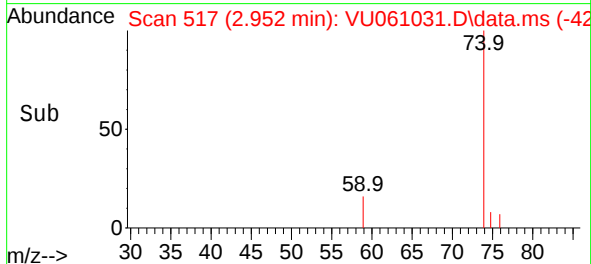
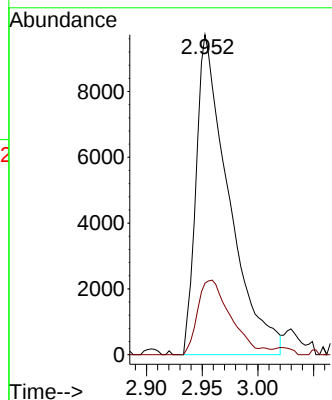
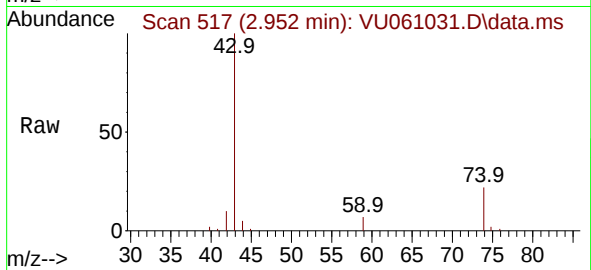




#15
Methyl Acetate
Concen: 5.886 ug/L
RT: 2.952 min Scan# 518
Delta R.T. -0.003 min
Lab File: VU061031.D
Acq: 27 Sep 2024 13:47

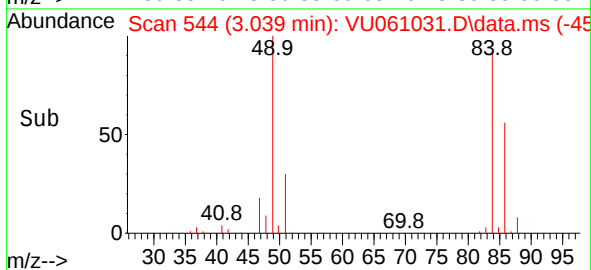
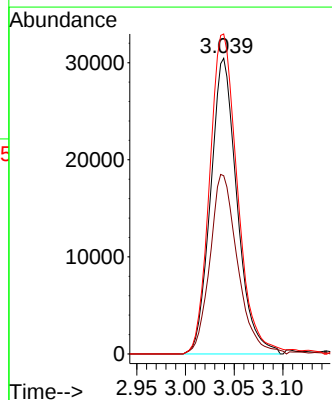
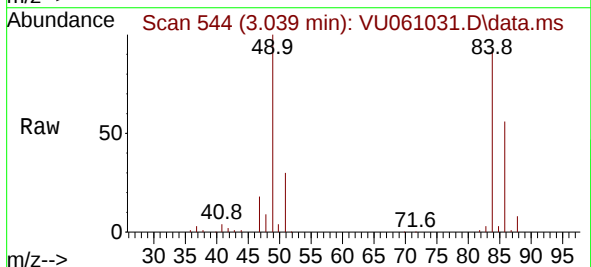
Instrument :
MSVOA_U
ClientSampleId :

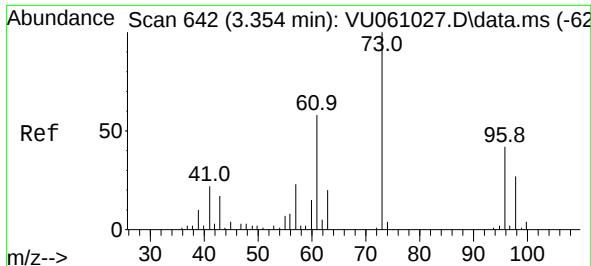
Tgt Ion: 43 Resp: 19768
Ion Ratio Lower Upper
43 100
74 23.3 18.9 28.3



#16
Methylene chloride
Concen: 5.541 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU061031.D
Acq: 27 Sep 2024 13:47

Tgt Ion: 84 Resp: 57726
Ion Ratio Lower Upper
84 100
86 60.3 47.3 87.8
49 112.4 78.7 146.1





#17

Methyl tert-butyl Ether

Concen: 5.117 ug/L

RT: 3.354 min Scan# 642

Delta R.T. 0.000 min

Lab File: VU061031.D

Acq: 27 Sep 2024 13:47

Instrument :

MSVOA_U

ClientSampleId :

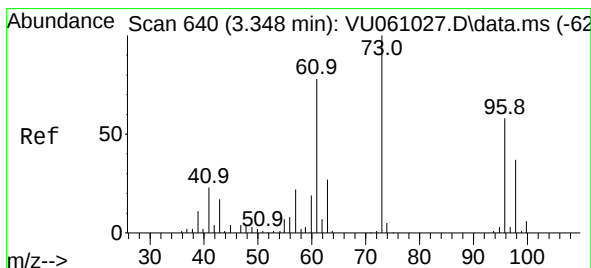
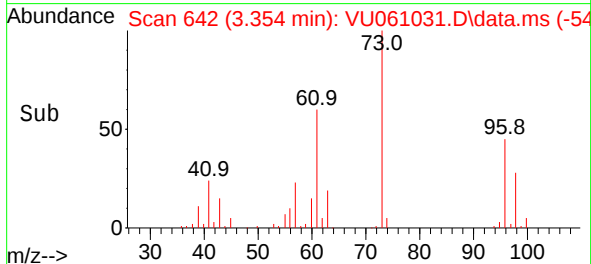
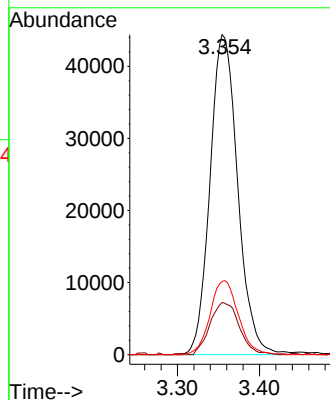
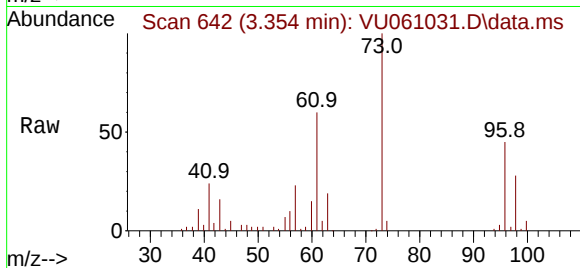
Tgt Ion: 73 Resp: 104024

Ion Ratio Lower Upper

73 100

43 17.3 13.8 20.8

57 23.6 18.0 27.0



#18

trans-1,2-Dichloroethene

Concen: 5.040 ug/L

RT: 3.348 min Scan# 640

Delta R.T. 0.000 min

Lab File: VU061031.D

Acq: 27 Sep 2024 13:47

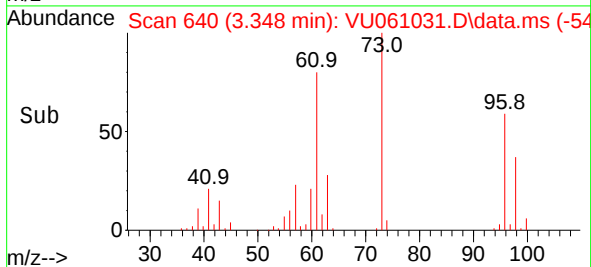
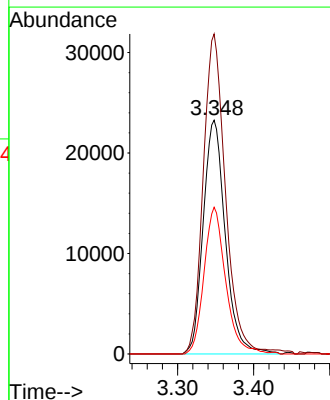
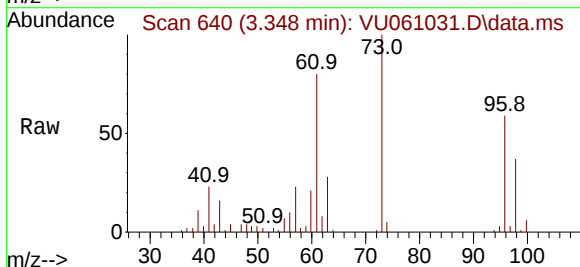
Tgt Ion: 96 Resp: 46979

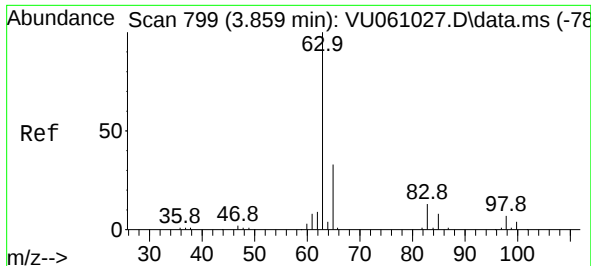
Ion Ratio Lower Upper

96 100

61 136.9 97.2 180.6

98 62.8 43.3 80.5

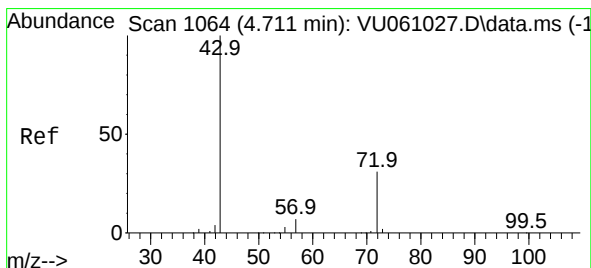
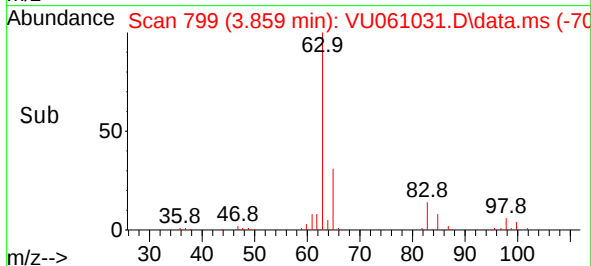
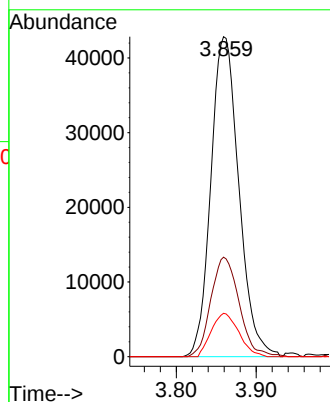
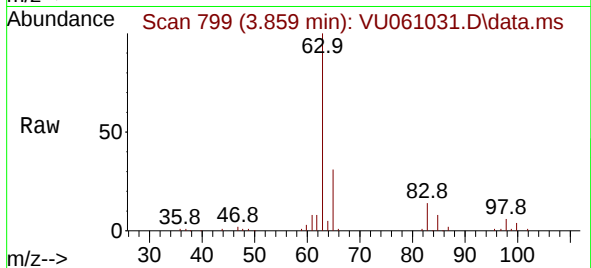




#19
1,1-Dichloroethane
Concen: 5.563 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU061031.D
Acq: 27 Sep 2024 13:47

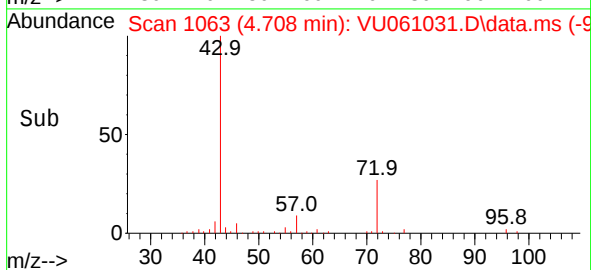
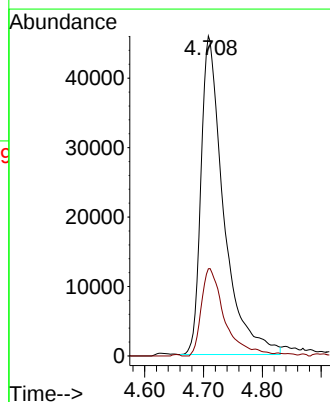
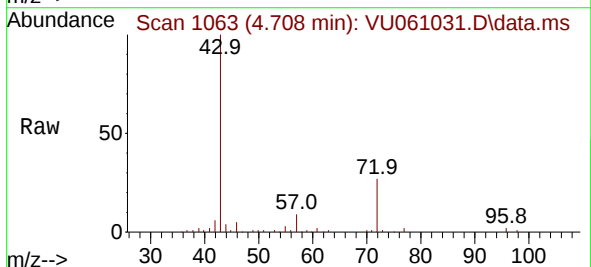
Instrument :
MSVOA_U
ClientSampleId :

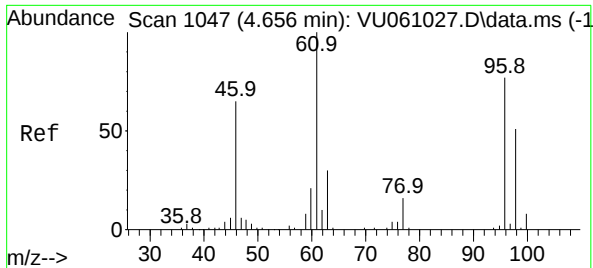
Tgt Ion: 63 Resp: 104111
Ion Ratio Lower Upper
63 100
65 31.1 23.0 42.8
83 13.5 9.0 16.6



#21
2-Butanone
Concen: 54.814 ug/L
RT: 4.708 min Scan# 1063
Delta R.T. -0.003 min
Lab File: VU061031.D
Acq: 27 Sep 2024 13:47

Tgt Ion: 43 Resp: 122921
Ion Ratio Lower Upper
43 100
72 27.0 14.8 44.3





#22

cis-1,2-Dichloroethene

Concen: 5.250 ug/L

RT: 4.660 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU061031.D

Acq: 27 Sep 2024 13:47

Instrument :

MSVOA_U

ClientSampleId :

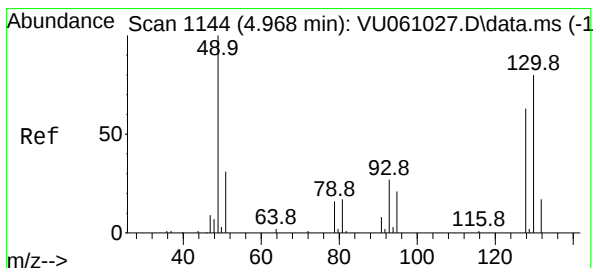
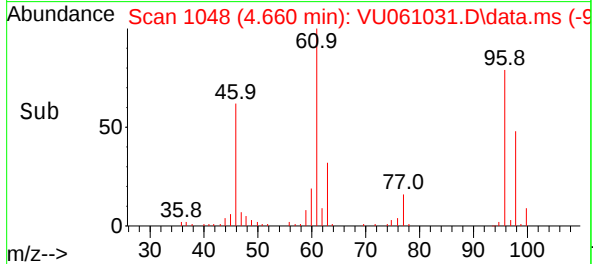
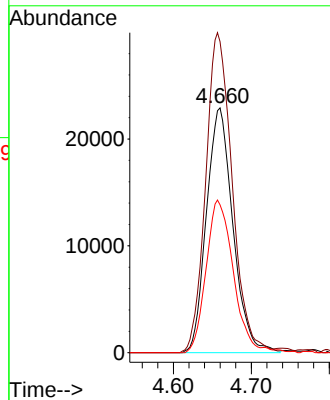
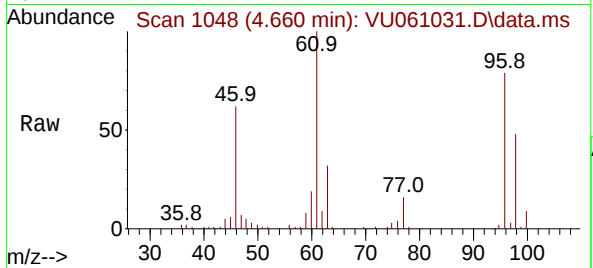
Tgt Ion: 96 Resp: 54158

Ion Ratio Lower Upper

96 100

61 127.1 89.7 166.5

98 60.4 45.1 83.9



#23

Bromochloromethane

Concen: 5.190 ug/L

RT: 4.972 min Scan# 1145

Delta R.T. 0.003 min

Lab File: VU061031.D

Acq: 27 Sep 2024 13:47

Tgt Ion: 128 Resp: 25286

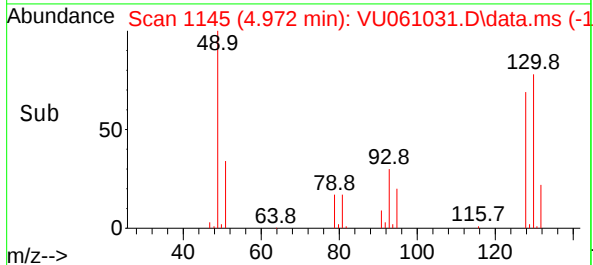
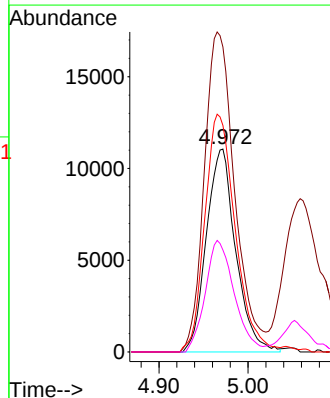
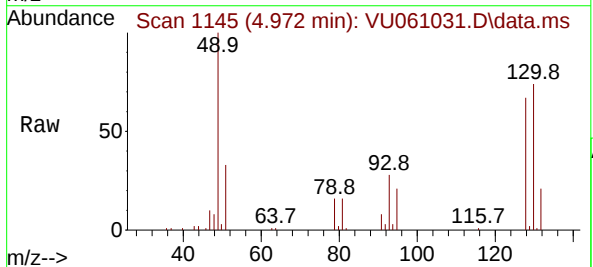
Ion Ratio Lower Upper

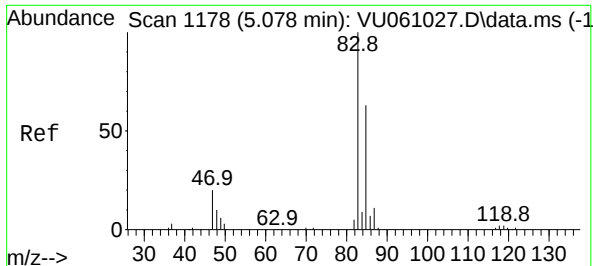
128 100

49 155.5 109.6 203.6

130 111.7 87.8 163.0

51 50.2 37.3 55.9





#25

Chloroform

Concen: 5.460 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU061031.D

Acq: 27 Sep 2024 13:47

Instrument :

MSVOA_U

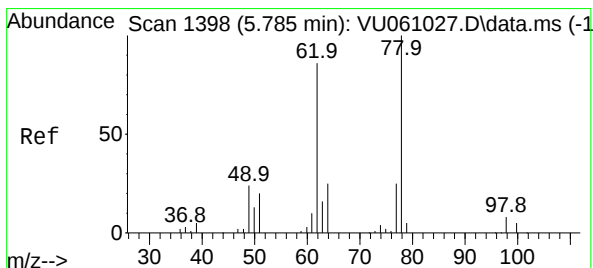
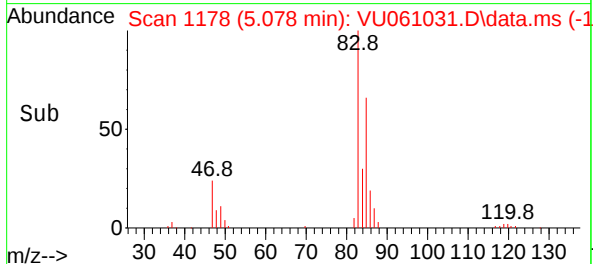
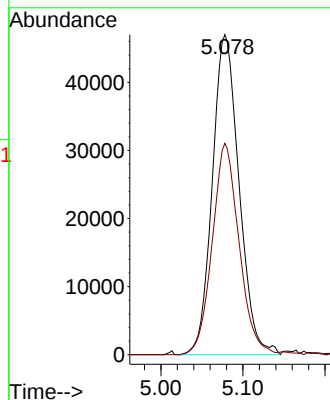
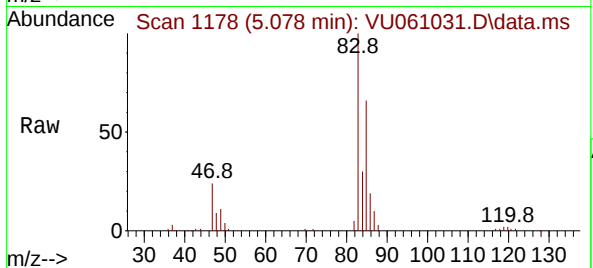
ClientSampleId :

Tgt Ion: 83 Resp: 106549

Ion Ratio Lower Upper

83 100

85 66.0 46.8 86.8



#27

1,2-Dichloroethane

Concen: 5.287 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VU061031.D

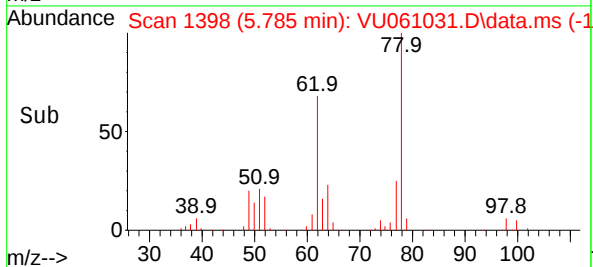
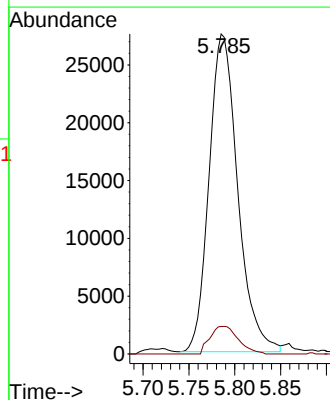
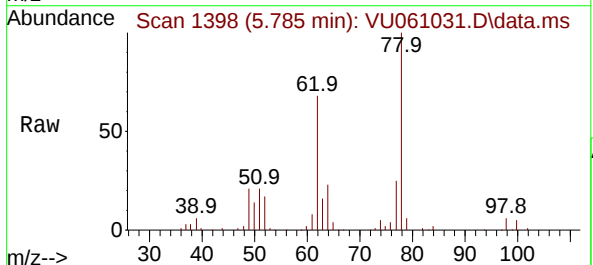
Acq: 27 Sep 2024 13:47

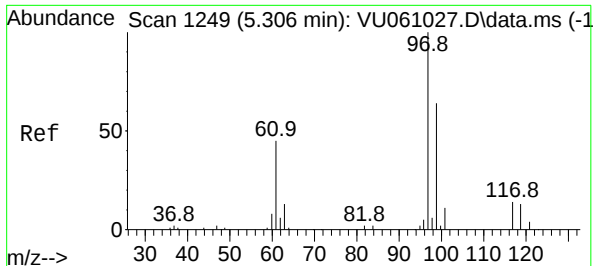
Tgt Ion: 62 Resp: 59790

Ion Ratio Lower Upper

62 100

98 8.6 8.2 12.4

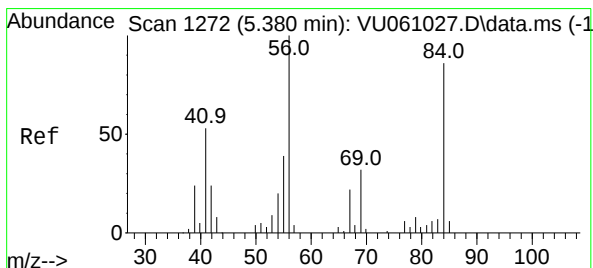
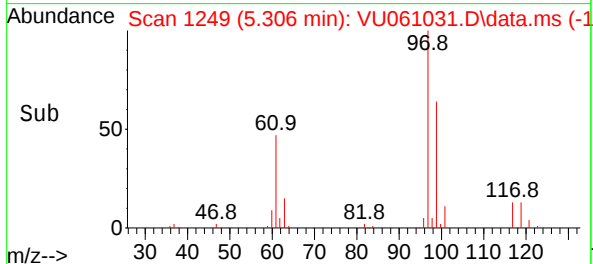
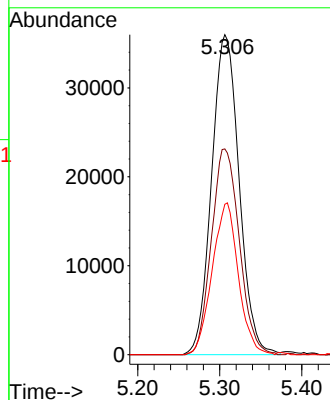
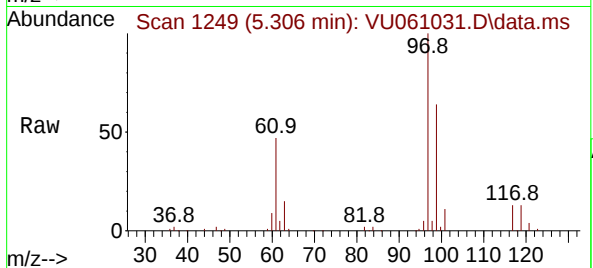




#29
1,1,1-Trichloroethane
Concen: 5.298 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU061031.D
Acq: 27 Sep 2024 13:47

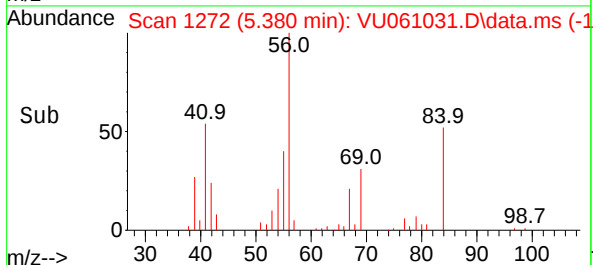
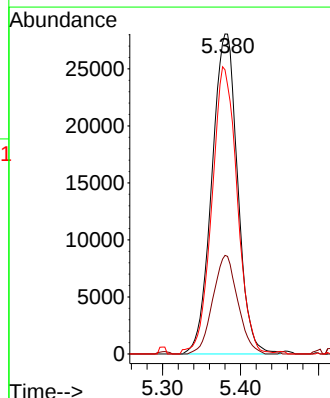
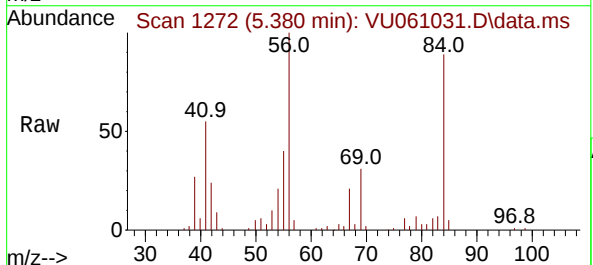
Instrument :
MSVOA_U
ClientSampleId :

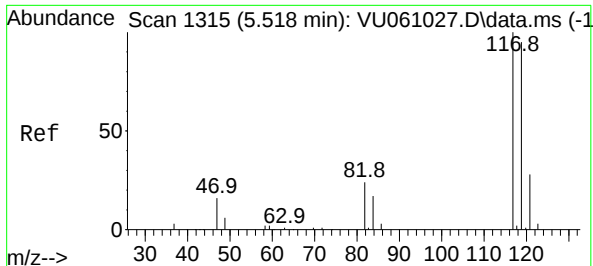
Tgt Ion:	97	Resp:	83956
Ion	Ratio	Lower	Upper
97	100		
99	65.3	50.5	75.7
61	45.1	34.4	51.6



#30
Cyclohexane
Concen: 4.951 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU061031.D
Acq: 27 Sep 2024 13:47

Tgt Ion:	56	Resp:	64496
Ion	Ratio	Lower	Upper
56	100		
69	29.8	25.4	38.0
84	88.1	71.0	106.6

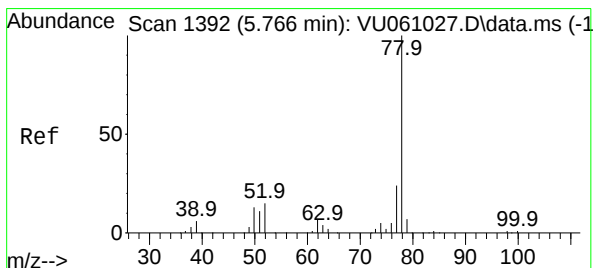
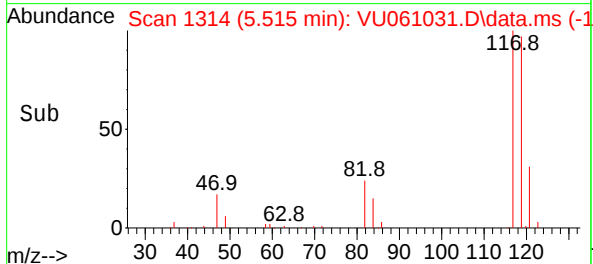
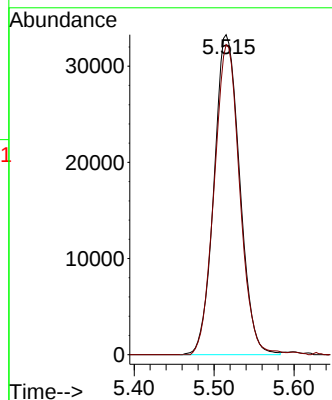
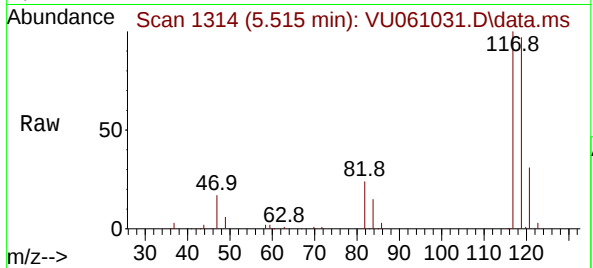




#31
Carbon tetrachloride
Concen: 5.276 ug/L
RT: 5.515 min Scan# 1315
Delta R.T. -0.003 min
Lab File: VU061031.D
Acq: 27 Sep 2024 13:47

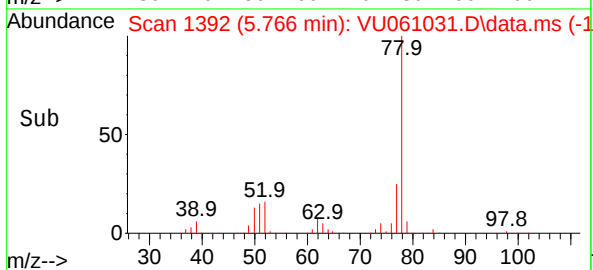
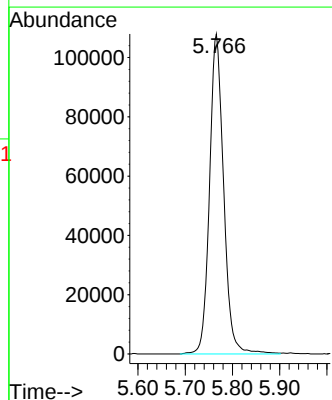
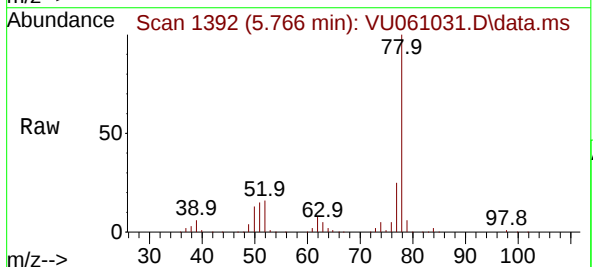
Instrument :
MSVOA_U
ClientSampleId :

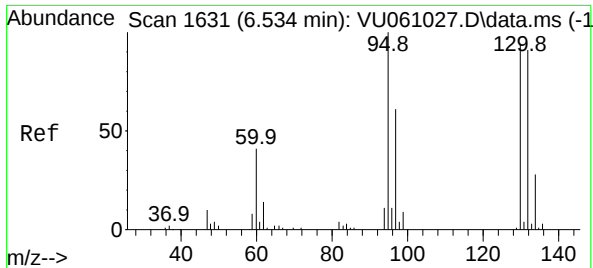
Tgt Ion:117 Resp: 74024
Ion Ratio Lower Upper
117 100
119 96.5 76.3 114.5



#33
Benzene
Concen: 5.547 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU061031.D
Acq: 27 Sep 2024 13:47

Tgt Ion: 78 Resp: 223886

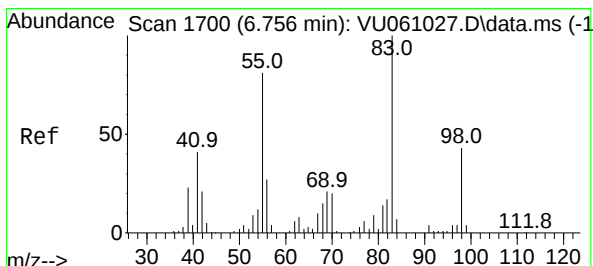
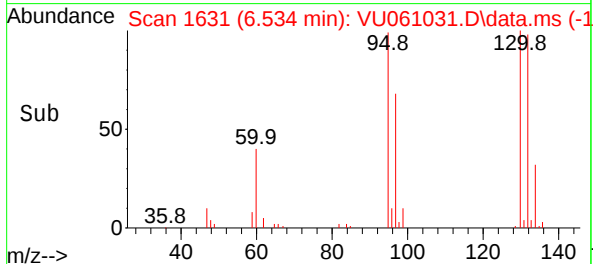
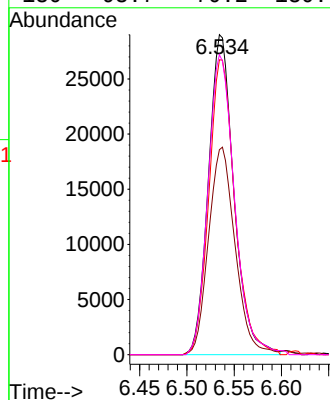
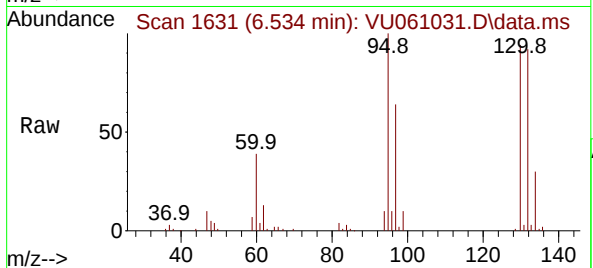




#34
Trichloroethene
Concen: 5.157 ug/L
RT: 6.534 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU061031.D
Acq: 27 Sep 2024 13:47

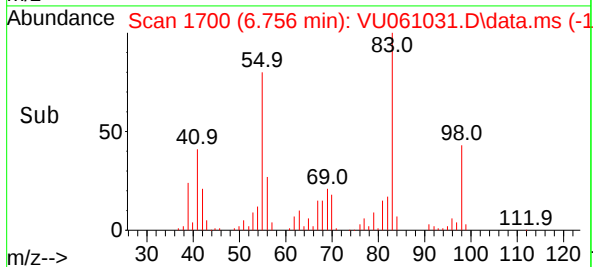
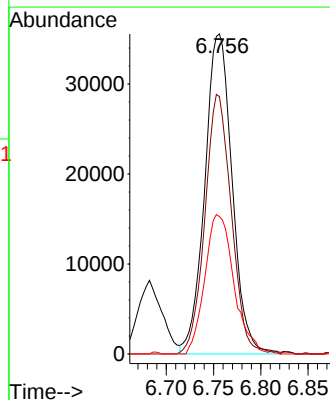
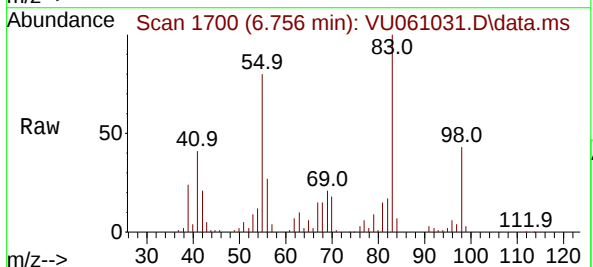
Instrument :
MSVOA_U
ClientSampleId :

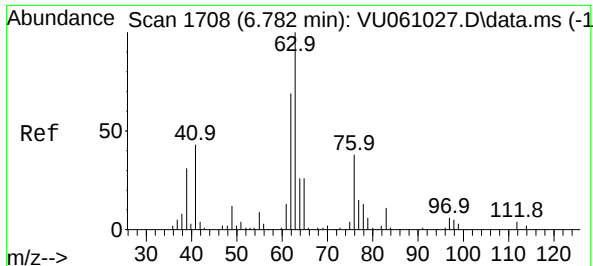
Tgt Ion: 95 Resp: 54562
Ion Ratio Lower Upper
95 100
97 64.1 44.9 83.5
132 92.2 63.5 117.9
130 93.7 70.2 130.4



#35
Methylcyclohexane
Concen: 4.942 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VU061031.D
Acq: 27 Sep 2024 13:47

Tgt Ion: 83 Resp: 71739
Ion Ratio Lower Upper
83 100
55 78.3 62.6 94.0
98 46.2 37.6 56.4

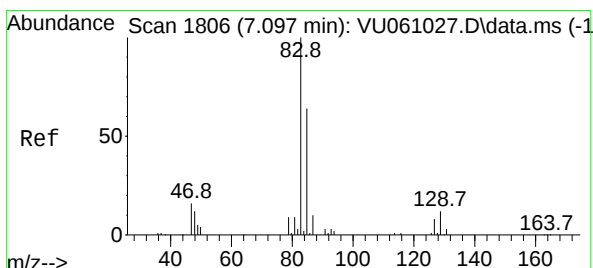
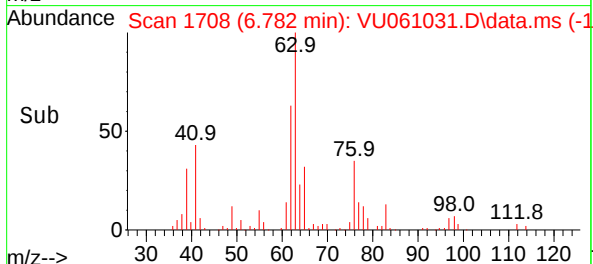
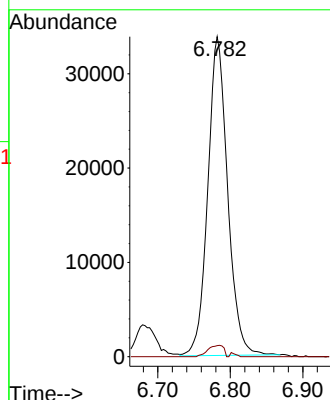
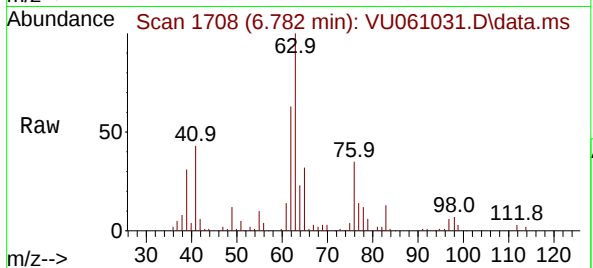




#37
1,2-Dichloropropane
Concen: 5.771 ug/L
RT: 6.782 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU061031.D
Acq: 27 Sep 2024 13:47

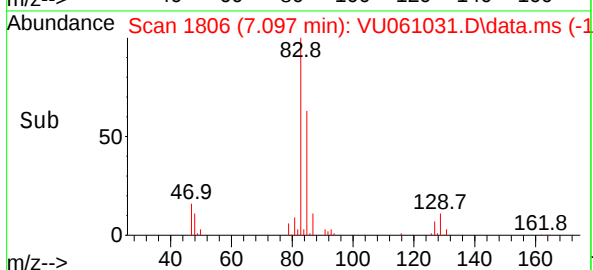
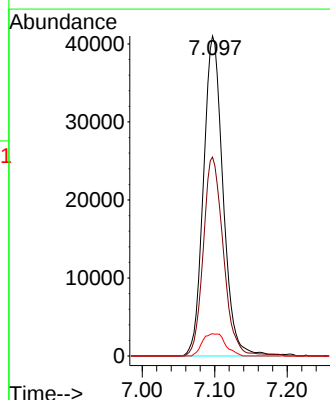
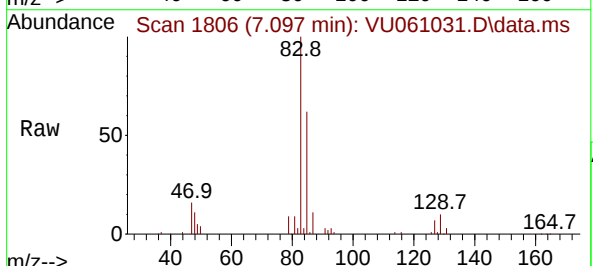
Instrument :
MSVOA_U
ClientSampleId :

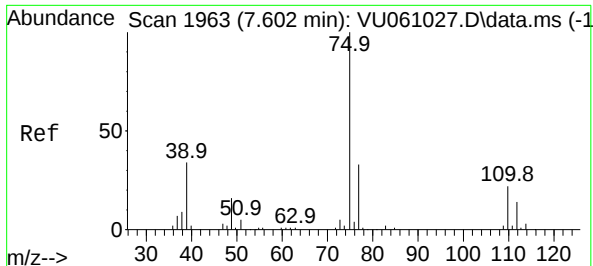
Tgt Ion: 63 Resp: 64193
Ion Ratio Lower Upper
63 100
112 2.8 2.0 3.0



#38
Bromodichloromethane
Concen: 5.640 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU061031.D
Acq: 27 Sep 2024 13:47

Tgt Ion: 83 Resp: 76948
Ion Ratio Lower Upper
83 100
85 62.1 45.6 84.8
127 7.0 7.0 10.6#

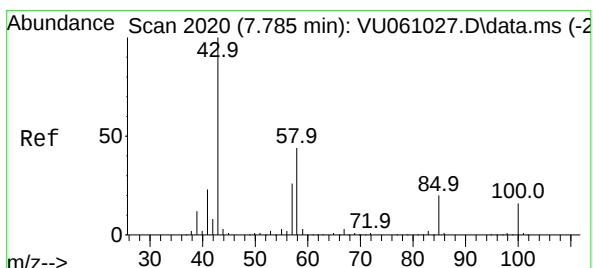
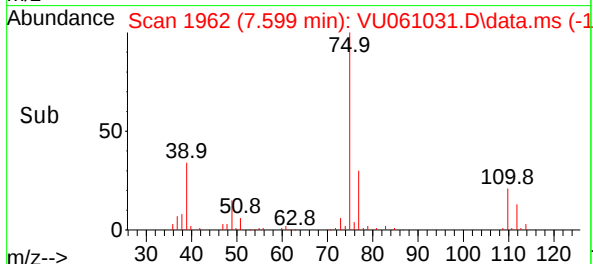
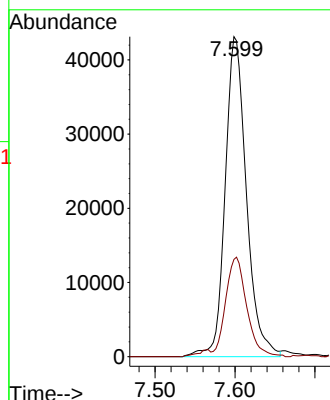
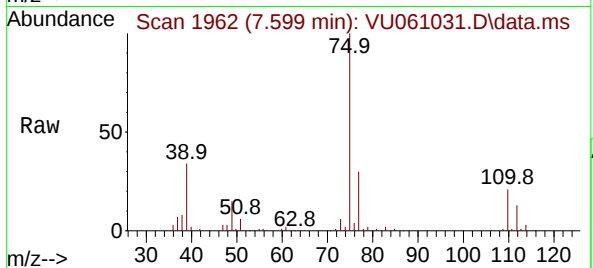




#39
cis-1,3-Dichloropropene
Concen: 5.385 ug/L
RT: 7.599 min Scan# 1962
Delta R.T. -0.003 min
Lab File: VU061031.D
Acq: 27 Sep 2024 13:47

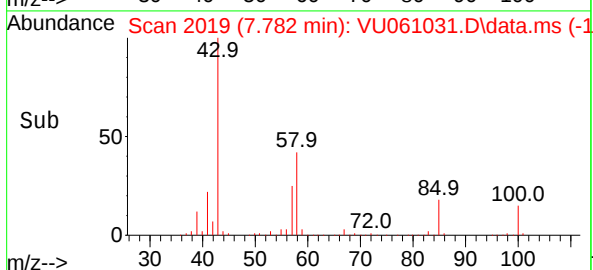
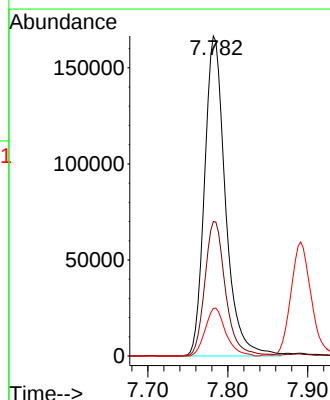
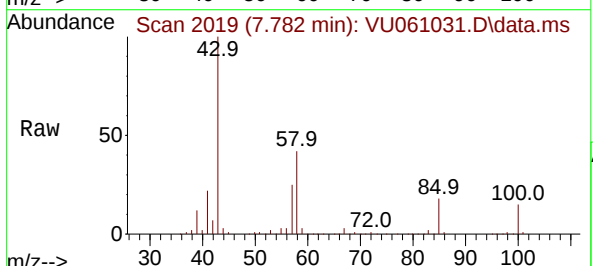
Instrument :
MSVOA_U
ClientSampleId :

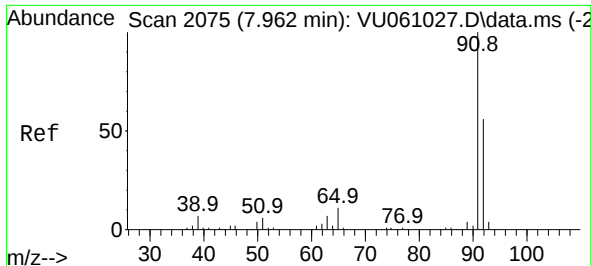
Tgt Ion: 75 Resp: 79653
Ion Ratio Lower Upper
75 100
77 30.4 21.3 39.5



#40
4-Methyl-2-pentanone
Concen: 58.284 ug/L
RT: 7.782 min Scan# 2019
Delta R.T. -0.003 min
Lab File: VU061031.D
Acq: 27 Sep 2024 13:47

Tgt Ion: 43 Resp: 302707
Ion Ratio Lower Upper
43 100
58 41.7 34.9 52.3
100 14.7 13.4 20.0





#42

Toluene

Concen: 5.542 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU061031.D

Acq: 27 Sep 2024 13:47

Instrument :

MSVOA_U

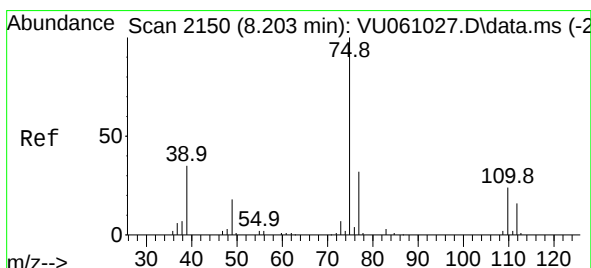
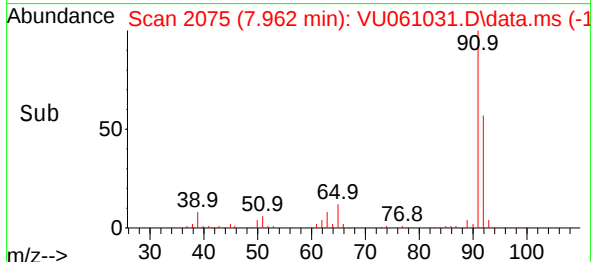
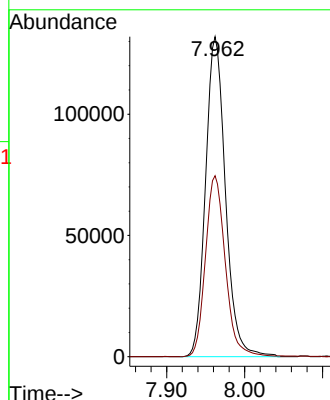
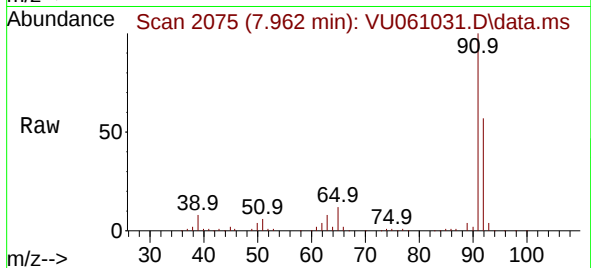
ClientSampleId :

Tgt Ion: 91 Resp: 233878

Ion Ratio Lower Upper

91 100

92 56.6 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 5.544 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU061031.D

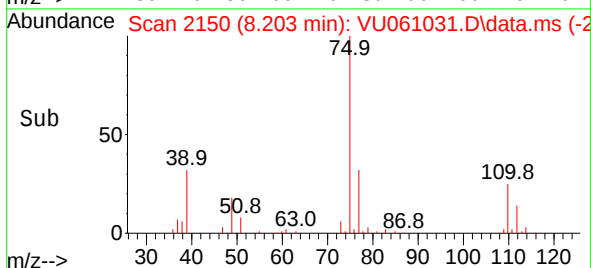
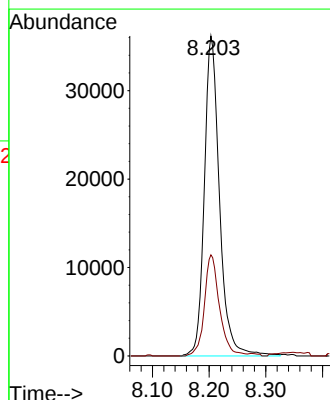
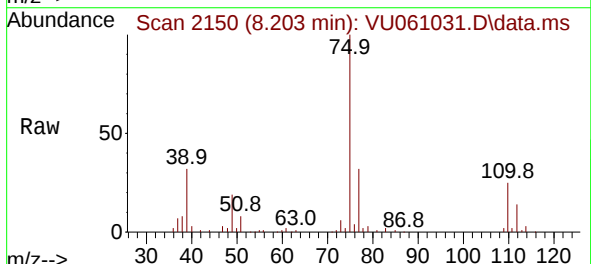
Acq: 27 Sep 2024 13:47

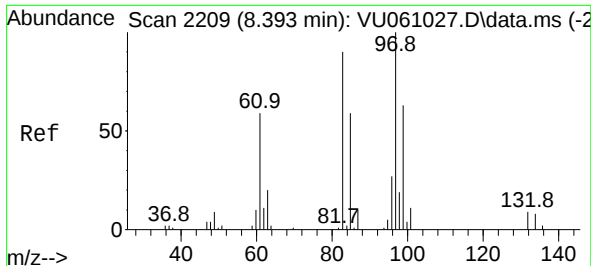
Tgt Ion: 75 Resp: 67439

Ion Ratio Lower Upper

75 100

77 31.6 23.1 42.9





#45

1,1,2-Trichloroethane

Concen: 5.551 ug/L

RT: 8.393 min Scan# 2209

Delta R.T. 0.000 min

Lab File: VU061031.D

Acq: 27 Sep 2024 13:47

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 44570

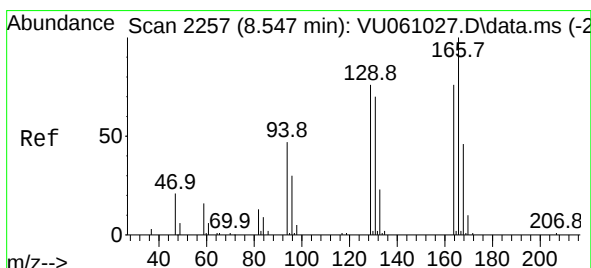
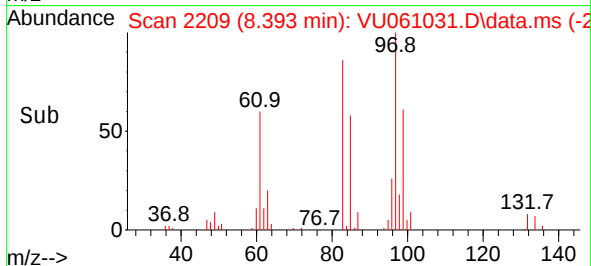
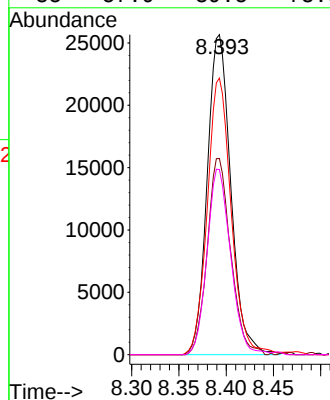
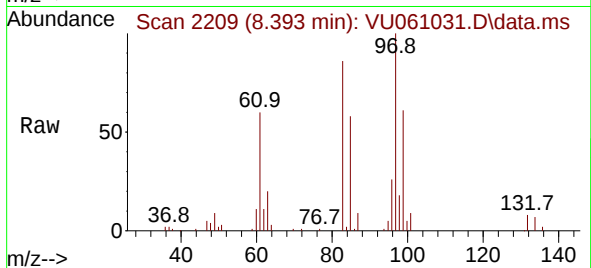
Ion Ratio Lower Upper

97 100

99 61.3 42.3 78.5

83 86.4 61.7 114.5

85 57.9 39.5 73.3



#47

Tetrachloroethene

Concen: 4.846 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

Lab File: VU061031.D

Acq: 27 Sep 2024 13:47

Tgt Ion:164 Resp: 40749

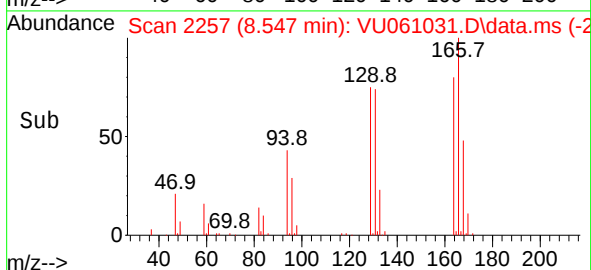
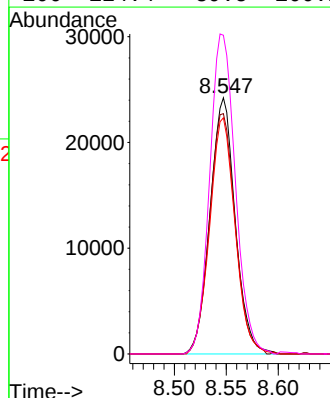
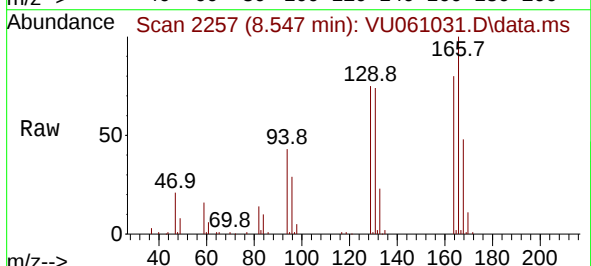
Ion Ratio Lower Upper

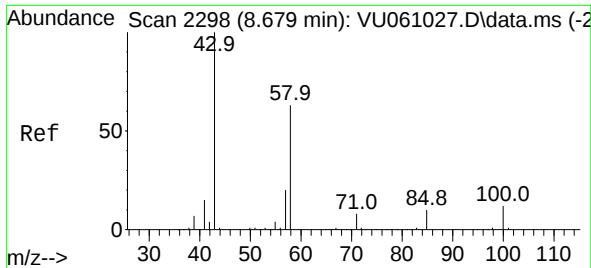
164 100

129 93.9 67.3 124.9

131 92.2 65.4 121.4

166 124.4 89.5 166.1



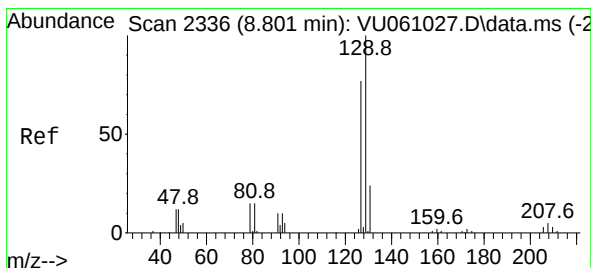
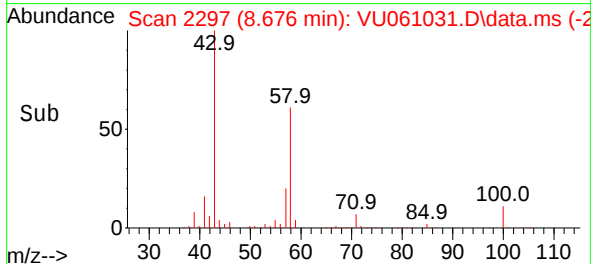
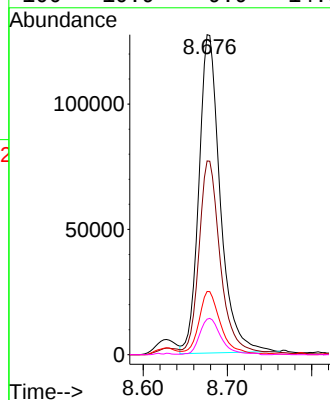
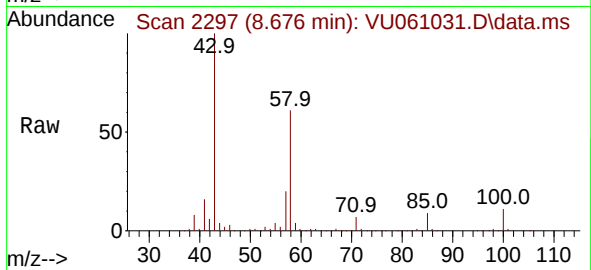


#48
2-Hexanone
Concen: 59.266 ug/L
RT: 8.676 min Scan# 2298
Delta R.T. -0.003 min
Lab File: VU061031.D
Acq: 27 Sep 2024 13:47

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 224364

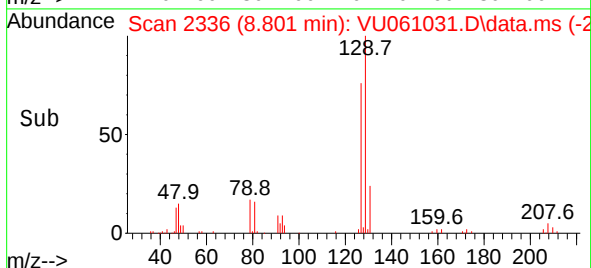
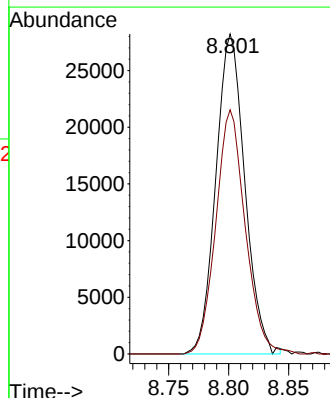
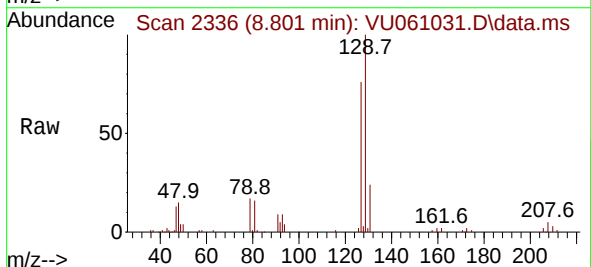
Ion	Ratio	Lower	Upper
43	100		
58	61.1	48.3	72.5
57	19.5	15.9	23.9
100	10.9	9.9	14.9

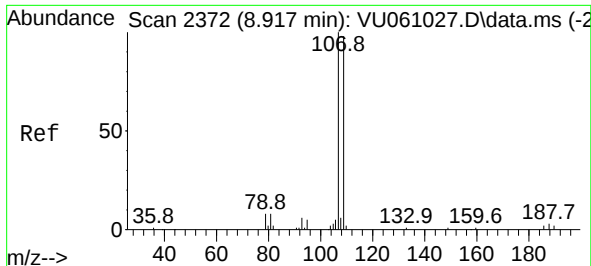


#49
Dibromochloromethane
Concen: 5.189 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU061031.D
Acq: 27 Sep 2024 13:47

Tgt Ion: 129 Resp: 47434

Ion	Ratio	Lower	Upper
129	100		
127	76.3	56.1	104.1

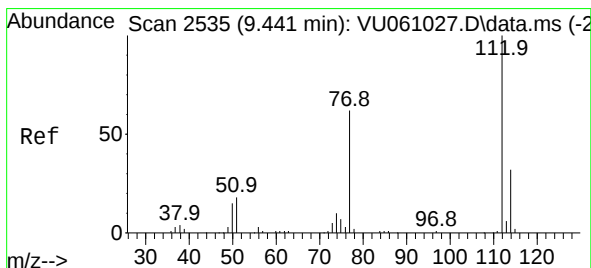
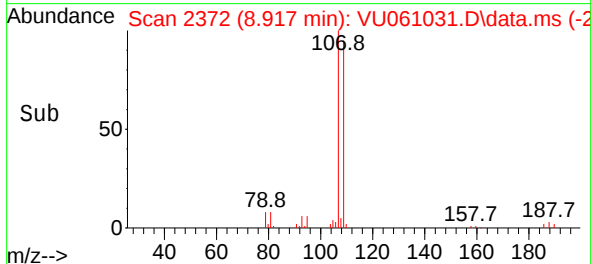
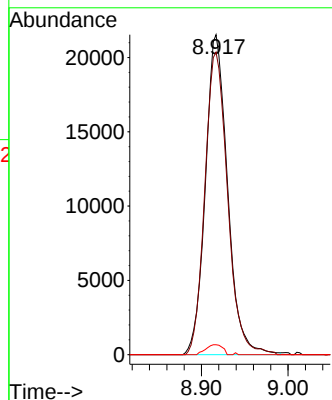
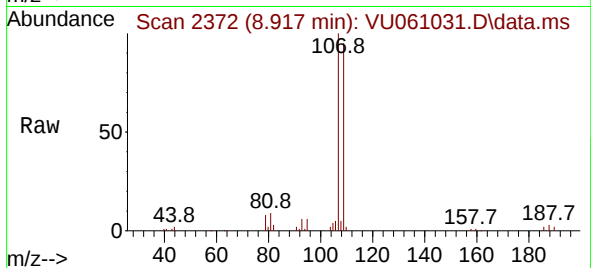




#50
1,2-Dibromoethane
Concen: 5.358 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VU061031.D
Acq: 27 Sep 2024 13:47

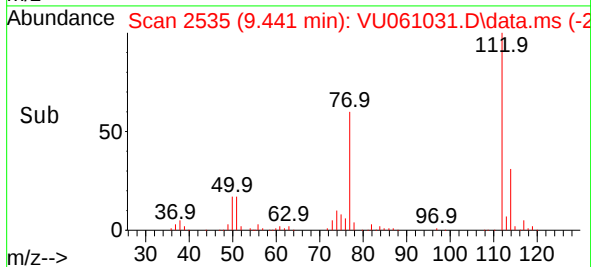
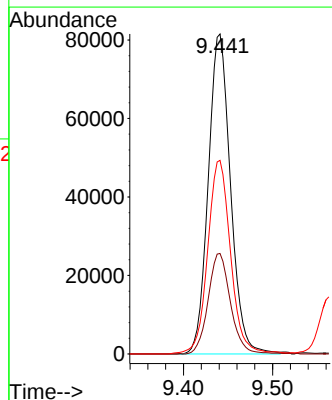
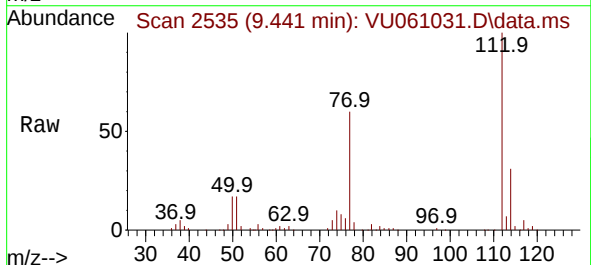
Instrument :
MSVOA_U
ClientSampleId :

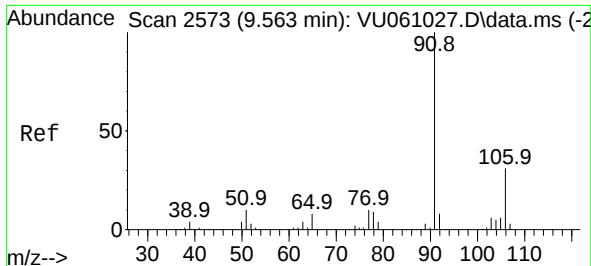
Tgt Ion:107 Resp: 38394
Ion Ratio Lower Upper
107 100
109 94.6 66.8 124.0
188 3.1 3.4 5.0#



#51
Chlorobenzene
Concen: 4.990 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU061031.D
Acq: 27 Sep 2024 13:47

Tgt Ion:112 Resp: 141401
Ion Ratio Lower Upper
112 100
114 31.4 22.2 41.2
77 60.5 46.1 69.1

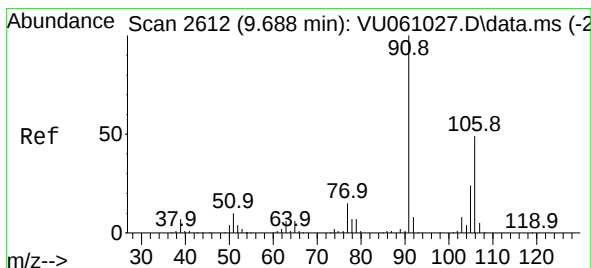
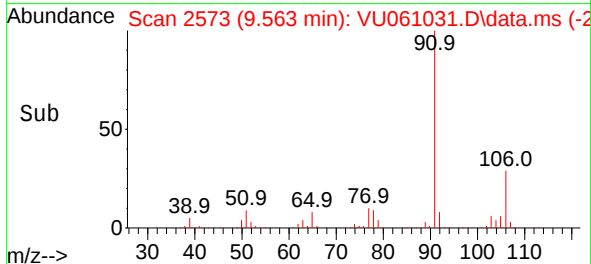
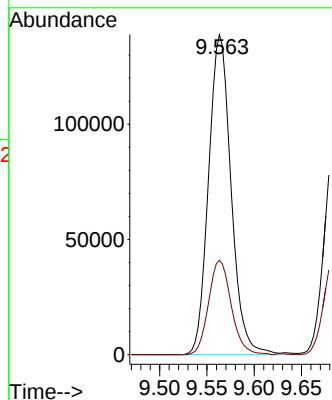
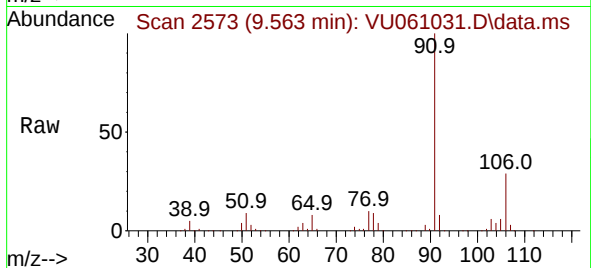




#52
Ethylbenzene
Concen: 5.179 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU061031.D
Acq: 27 Sep 2024 13:47

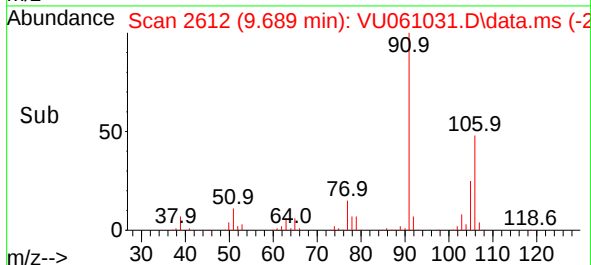
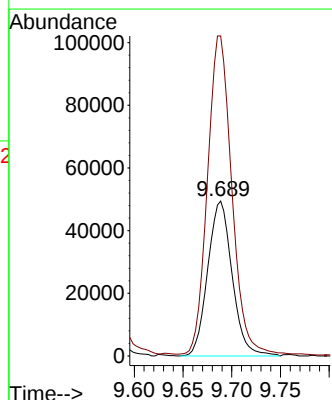
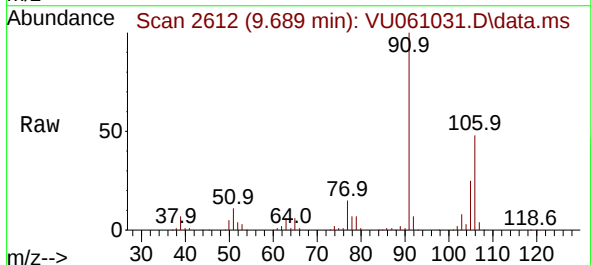
Instrument :
MSVOA_U
ClientSampleId :

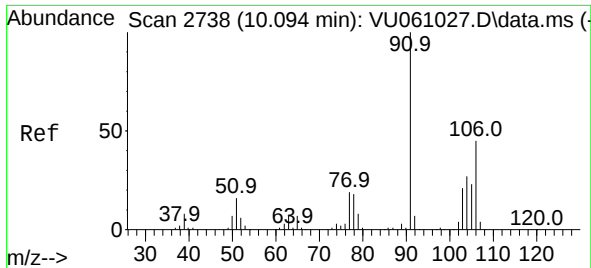
Tgt Ion: 91 Resp: 230081
Ion Ratio Lower Upper
91 100
106 29.5 21.8 40.6



#53
m,p-Xylene
Concen: 5.117 ug/L
RT: 9.689 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU061031.D
Acq: 27 Sep 2024 13:47

Tgt Ion:106 Resp: 86202
Ion Ratio Lower Upper
106 100
91 206.7 139.7 259.4

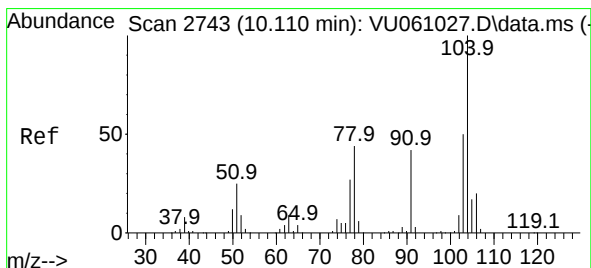
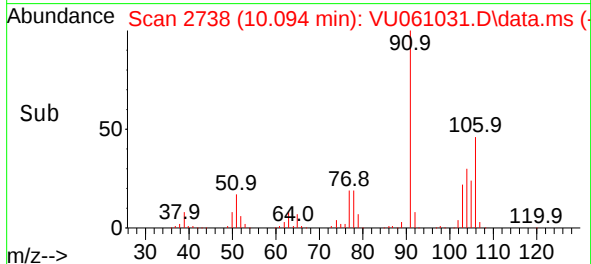
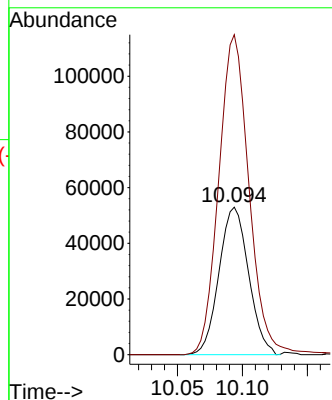
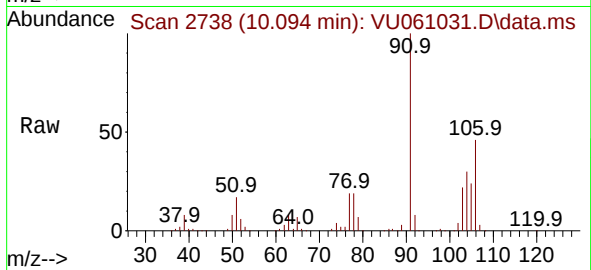




#54
o-Xylene
Concen: 5.048 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU061031.D
Acq: 27 Sep 2024 13:47

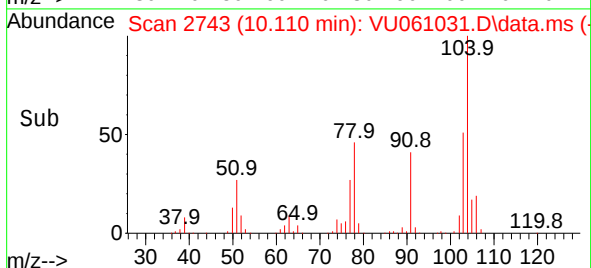
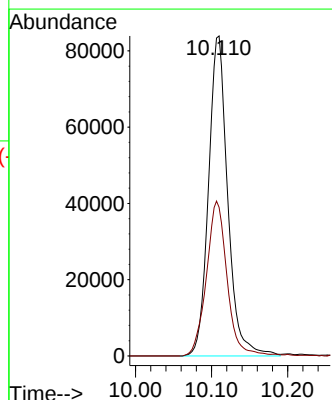
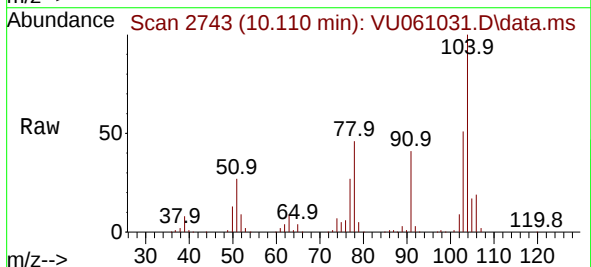
Instrument :
MSVOA_U
ClientSampleId :

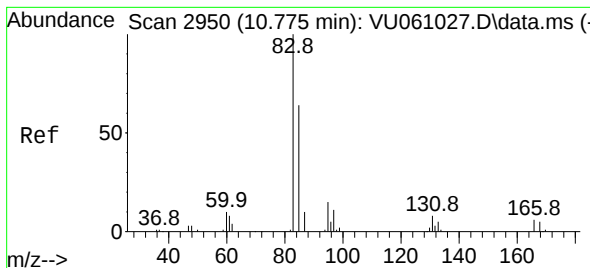
Tgt Ion:106 Resp: 83919
Ion Ratio Lower Upper
106 100
91 217.0 148.6 276.0



#55
Styrene
Concen: 5.262 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU061031.D
Acq: 27 Sep 2024 13:47

Tgt Ion:104 Resp: 147429
Ion Ratio Lower Upper
104 100
78 46.5 31.7 58.9





#57

1,1,2,2-Tetrachloroethane

Concen: 5.778 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. -0.003 min

Lab File: VU061031.D

Acq: 27 Sep 2024 13:47

Instrument :

MSVOA_U

ClientSampleId :

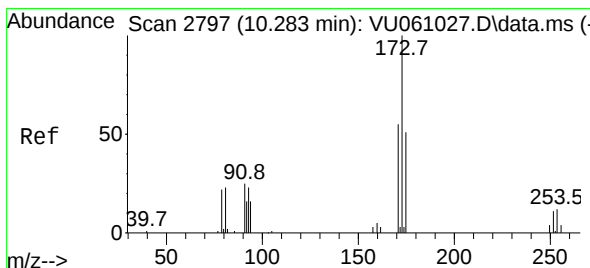
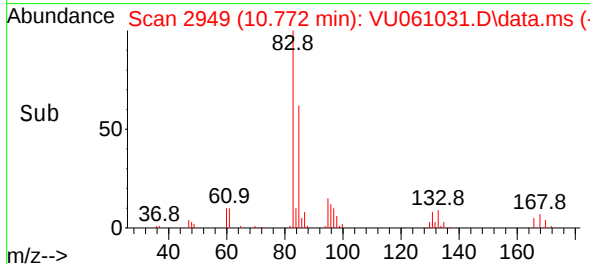
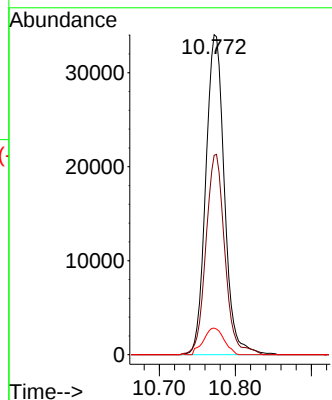
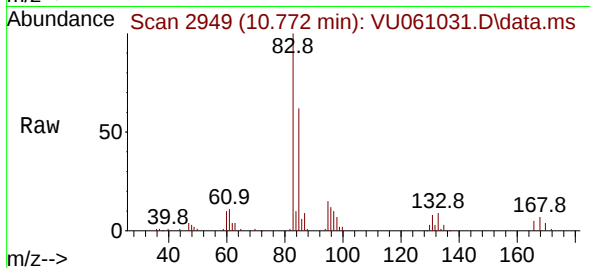
Tgt Ion: 83 Resp: 57869

Ion Ratio Lower Upper

83 100

85 62.3 42.9 79.7

131 8.3 8.4 12.6#



#59

Bromoform

Concen: 5.082 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VU061031.D

Acq: 27 Sep 2024 13:47

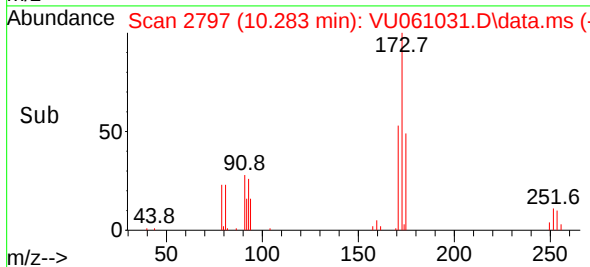
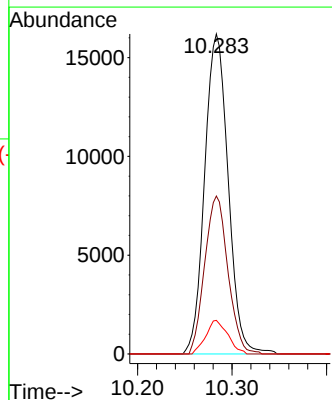
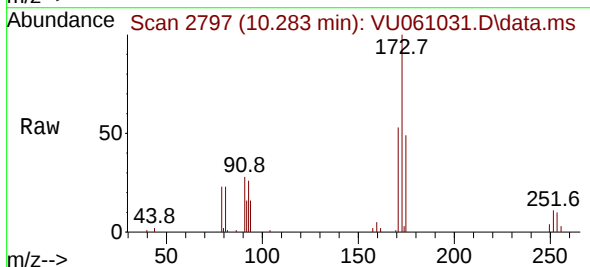
Tgt Ion:173 Resp: 27965

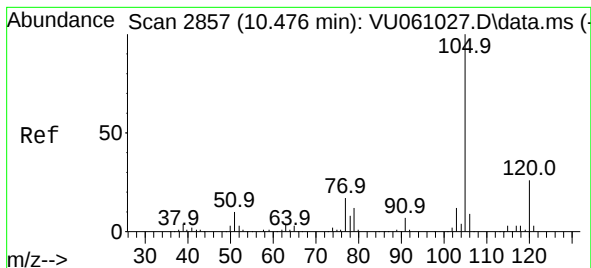
Ion Ratio Lower Upper

173 100

175 48.6 39.1 58.7

254 9.8 8.7 13.1





#60

Isopropylbenzene

Concen: 5.210 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU061031.D

Acq: 27 Sep 2024 13:47

Instrument :

MSVOA_U

ClientSampleId :

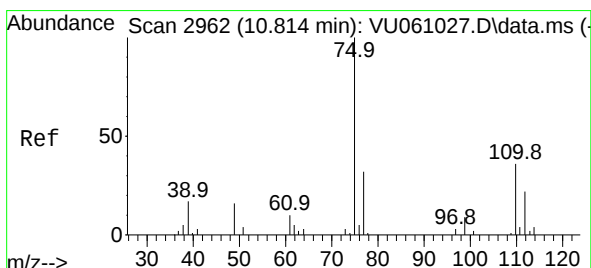
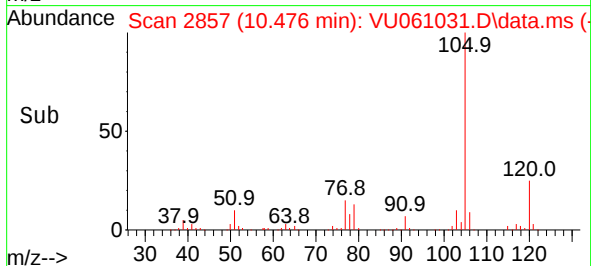
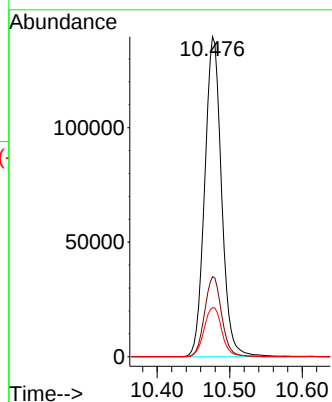
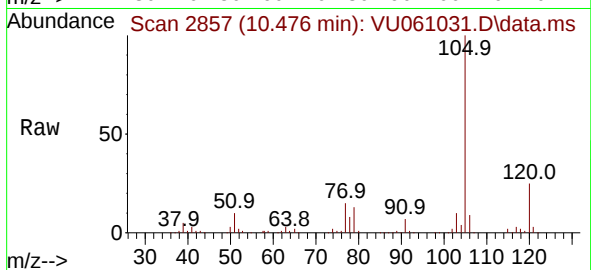
Tgt Ion:105 Resp: 225429

Ion Ratio Lower Upper

105 100

120 25.3 21.5 32.3

77 16.3 12.6 18.8



#61

1,2,3-Trichloropropane

Concen: 5.517 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. 0.000 min

Lab File: VU061031.D

Acq: 27 Sep 2024 13:47

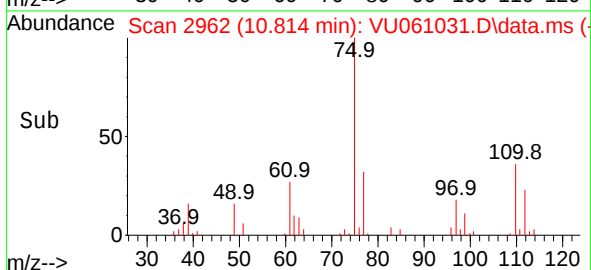
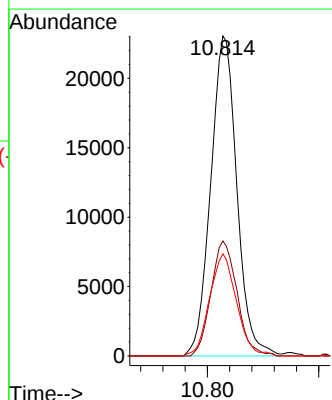
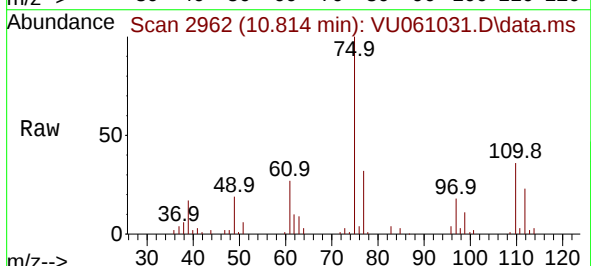
Tgt Ion: 75 Resp: 37568

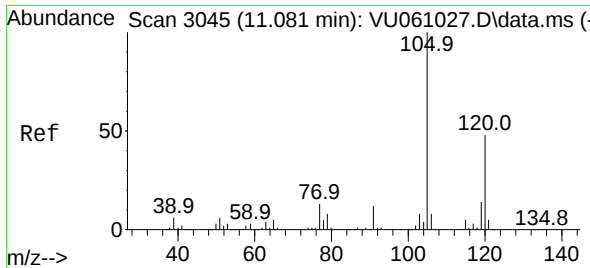
Ion Ratio Lower Upper

75 100

110 35.7 28.6 43.0

77 32.8 26.3 39.5





#62

1,3,5-Trimethylbenzene

Concen: 4.858 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. 0.000 min

Lab File: VU061031.D

Acq: 27 Sep 2024 13:47

Instrument :

MSVOA_U

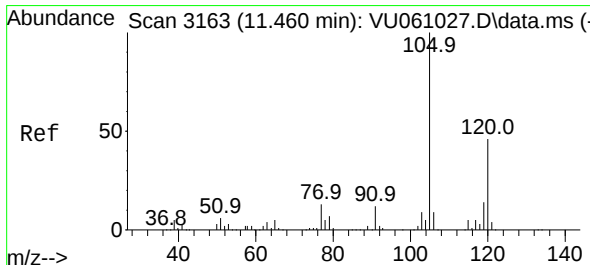
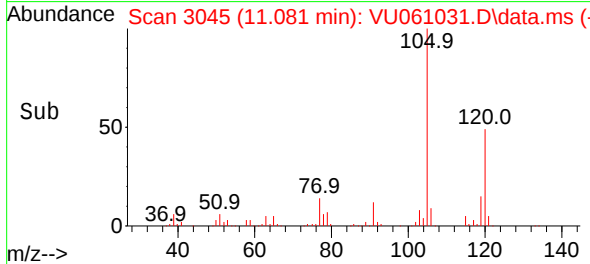
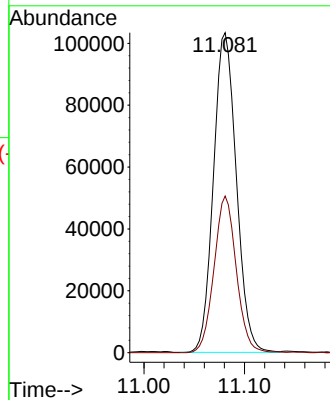
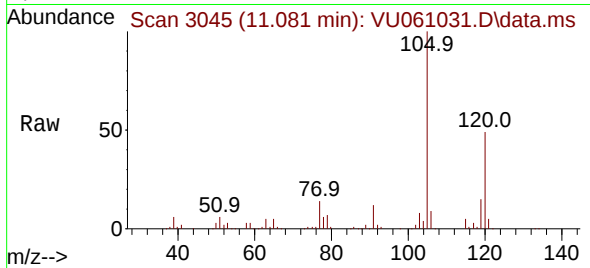
ClientSampleId :

Tgt Ion:105 Resp: 163349

Ion Ratio Lower Upper

105 100

120 47.7 38.5 57.7



#63

1,2,4-Trimethylbenzene

Concen: 4.860 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. 0.000 min

Lab File: VU061031.D

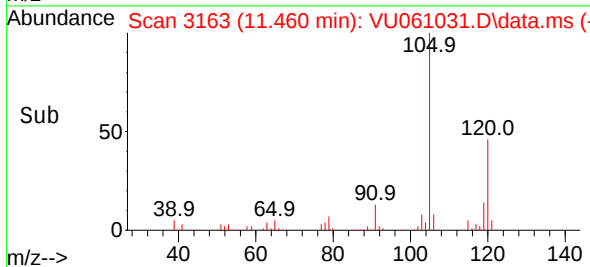
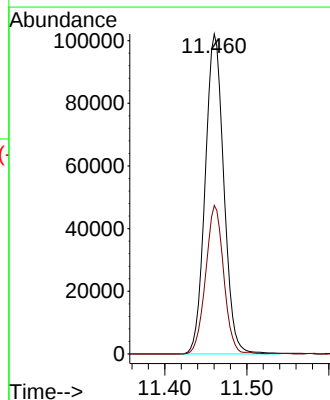
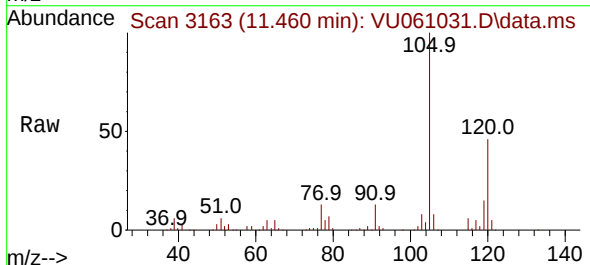
Acq: 27 Sep 2024 13:47

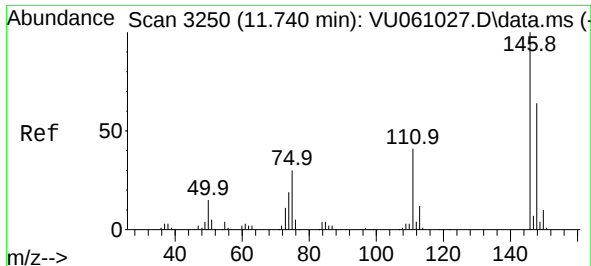
Tgt Ion:105 Resp: 161471

Ion Ratio Lower Upper

105 100

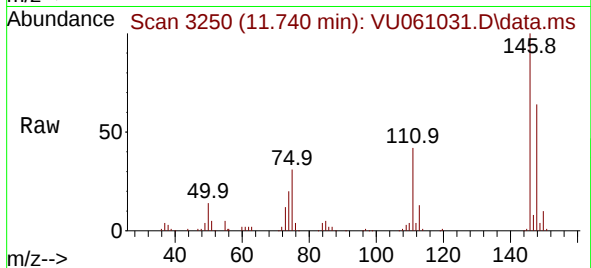
120 45.0 36.1 54.1



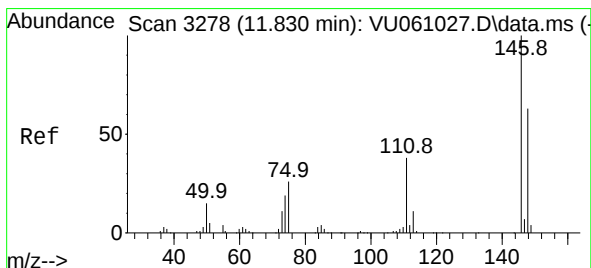
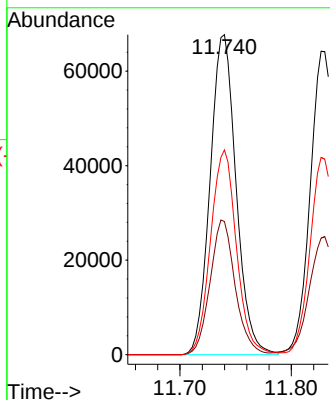
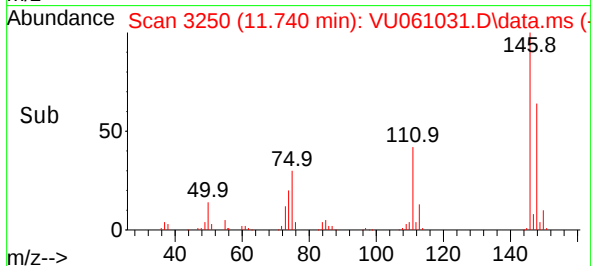


#64
1,3-Dichlorobenzene
Concen: 5.046 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. 0.000 min
Lab File: VU061031.D
Acq: 27 Sep 2024 13:47

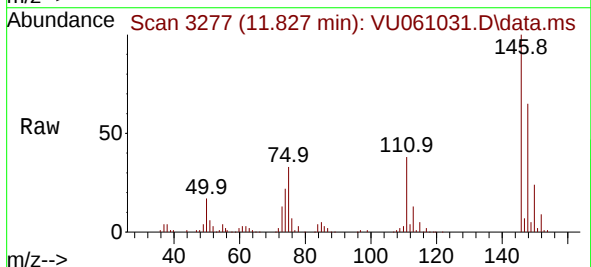
Instrument :
MSVOA_U
ClientSampleId :



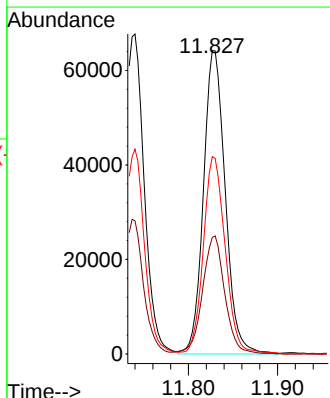
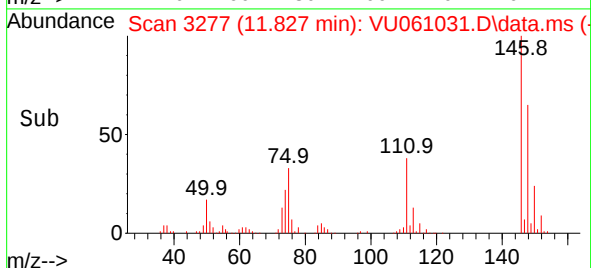
Tgt Ion:146 Resp: 109786
Ion Ratio Lower Upper
146 100
111 41.6 27.5 51.1
148 64.0 43.7 81.1

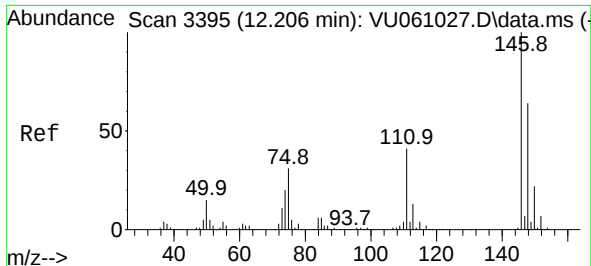


#65
1,4-Dichlorobenzene
Concen: 4.854 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. -0.003 min
Lab File: VU061031.D
Acq: 27 Sep 2024 13:47



Tgt Ion:146 Resp: 109164
Ion Ratio Lower Upper
146 100
111 38.4 26.3 48.9
148 65.0 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 5.014 ug/L

RT: 12.203 min Scan# 3395

Delta R.T. -0.003 min

Lab File: VU061031.D

Acq: 27 Sep 2024 13:47

Instrument :

MSVOA_U

ClientSampleId :

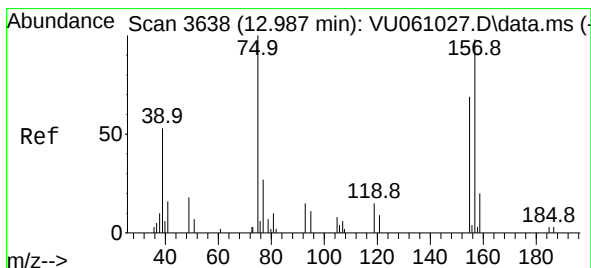
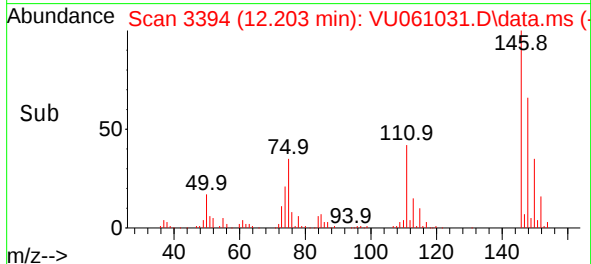
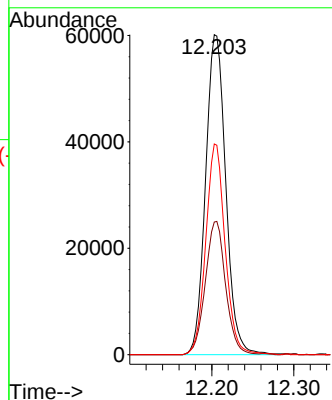
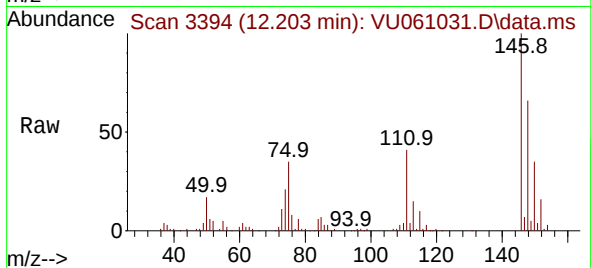
Tgt Ion:146 Resp: 103142

Ion Ratio Lower Upper

146 100

111 41.5 33.4 50.0

148 65.8 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 5.403 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. 0.000 min

Lab File: VU061031.D

Acq: 27 Sep 2024 13:47

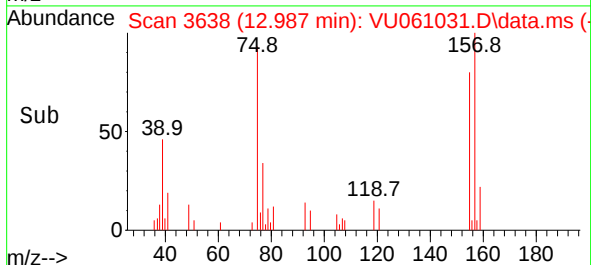
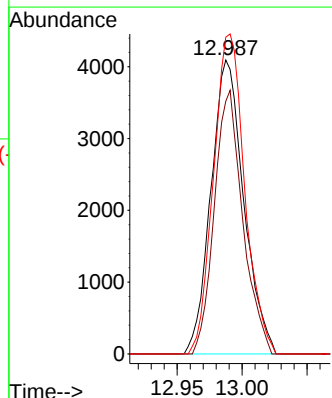
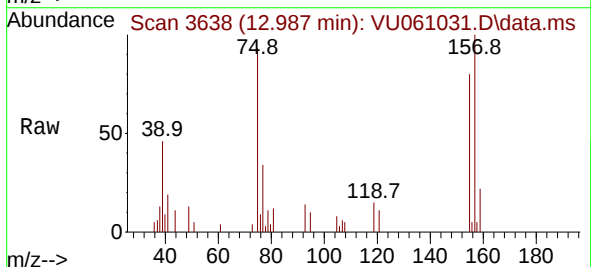
Tgt Ion: 75 Resp: 7184

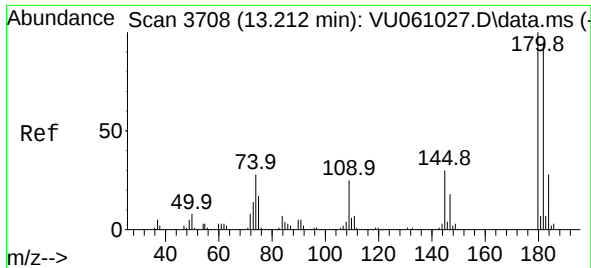
Ion Ratio Lower Upper

75 100

155 86.0 73.1 109.7

157 112.8 91.0 136.4





#69

1,3,5-Trichlorobenzene

Concen: 4.479 ug/L

RT: 13.209 min Scan# 3707

Delta R.T. -0.003 min

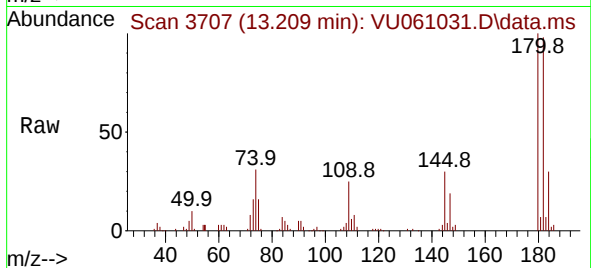
Lab File: VU061031.D

Acq: 27 Sep 2024 13:47

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 72895

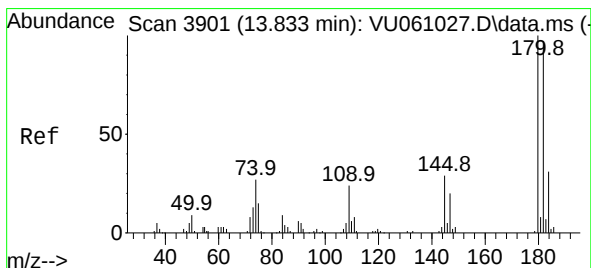
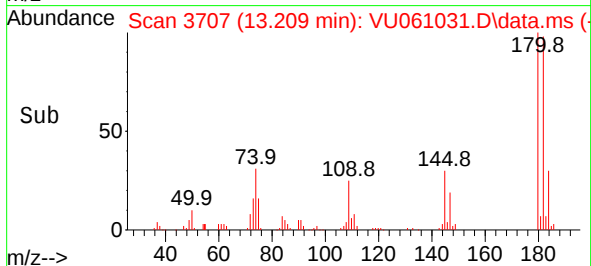
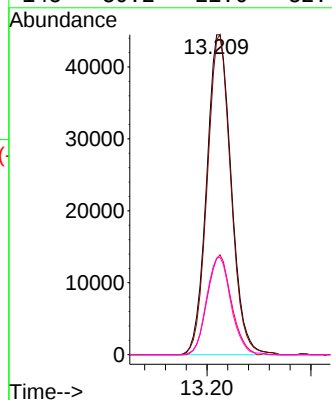
Ion Ratio Lower Upper

180 100

182 95.8 74.5 111.7

184 30.5 23.2 34.8

145 30.2 21.6 32.4



#70

1,2,4-trichlorobenzene

Concen: 4.619 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.000 min

Lab File: VU061031.D

Acq: 27 Sep 2024 13:47

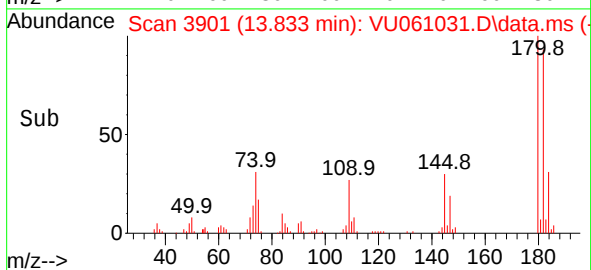
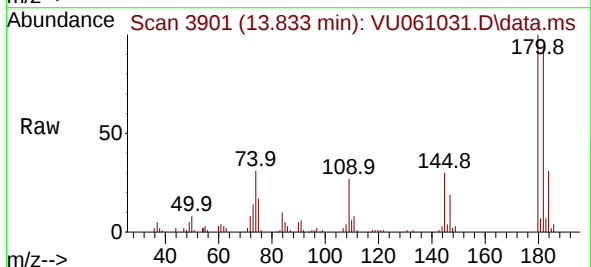
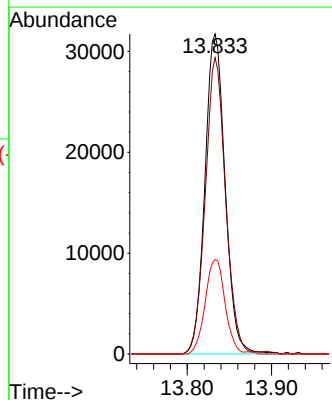
Tgt Ion:180 Resp: 52947

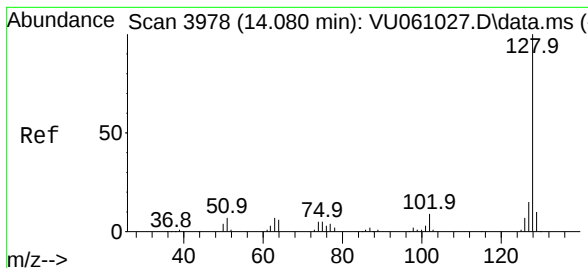
Ion Ratio Lower Upper

180 100

182 93.2 77.4 116.2

145 29.0 22.9 34.3





#71

Naphthalene

Concen: 4.617 ug/L

RT: 14.081 min Scan# 3978

Delta R.T. 0.000 min

Lab File: VU061031.D

Acq: 27 Sep 2024 13:47

Instrument :

MSVOA_U

ClientSampleId :

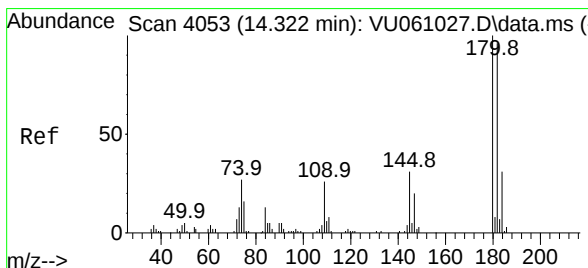
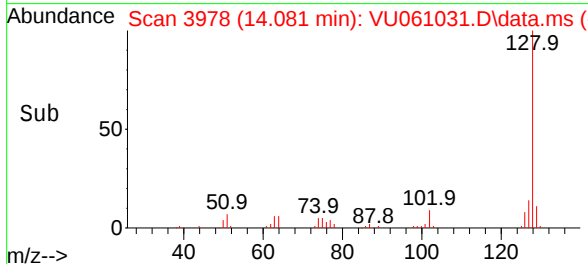
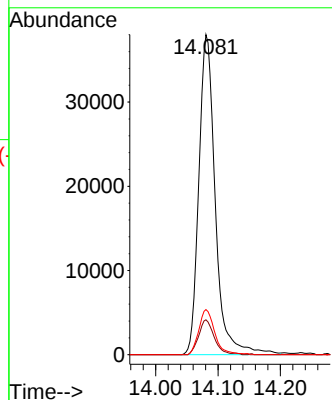
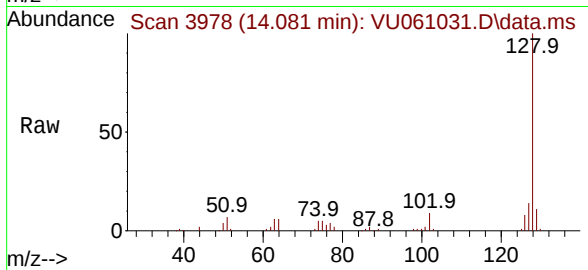
Tgt Ion:128 Resp: 69808

Ion Ratio Lower Upper

128 100

129 10.2 8.3 12.5

127 13.7 10.7 16.1



#72

1,2,3-Trichlorobenzene

Concen: 4.730 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. 0.000 min

Lab File: VU061031.D

Acq: 27 Sep 2024 13:47

Tgt Ion:180 Resp: 46849

Ion Ratio Lower Upper

180 100

182 95.8 75.7 113.5

145 32.1 23.5 35.3

