

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103024\
 Data File : VU061303.D
 Acq On : 30 Oct 2024 15:53
 Operator : MD/SY
 Sample : VSTDCCC050EC
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 31 22:52:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM102824WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 31 22:49:53 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	268954	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	252039	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	128668	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	80453	42.588	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.180%
7) Chloroethane-d5	1.904	69	74409	45.036	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.080%
11) 1,1-Dichloroethene-d2	2.560	63	168712	48.540	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.080%
21) 2-Butanone-d5	4.608	46	152692	97.992	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.990%
24) Chloroform-d	5.052	84	196905	49.250	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.500%
26) 1,2-Dichloroethane-d4	5.692	65	122495	48.131	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.260%
32) Benzene-d6	5.717	84	391705	48.538	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.080%
36) 1,2-Dichloropropane-d6	6.682	67	120593	48.833	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.660%
41) Toluene-d8	7.891	98	369413	49.168	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.340%
43) trans-1,3-Dichloroprop...	8.174	79	61327	49.675	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.340%
47) 2-Hexanone-d5	8.624	63	120464	96.421	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.420%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	190024	48.891	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.780%
66) 1,2-Dichlorobenzene-d4	12.187	152	135846	47.693	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.380%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	96320	51.365	ug/L	98
3) Chloromethane	1.518	50	84758	48.031	ug/L	99
5) Vinyl chloride	1.602	62	90418	47.385	ug/L	98
6) Bromomethane	1.843	94	66288	46.924	ug/L	100
8) Chloroethane	1.923	64	59507	47.680	ug/L	97
9) Trichlorofluoromethane	2.132	101	133694	50.129	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	85735	55.606	ug/L	99
12) 1,1-Dichloroethene	2.573	96	78295	53.309	ug/L	98
13) Acetone	2.615	43	115892	100.949	ug/L	99
14) Carbon disulfide	2.785	76	236663	52.707	ug/L	100
15) Methyl Acetate	2.939	43	92255	51.093	ug/L	99
16) Methylene chloride	3.036	84	93748	51.617	ug/L	95
17) trans-1,2-Dichloroethene	3.345	96	85485	53.267	ug/L	96
18) Methyl tert-butyl Ether	3.351	73	281605	50.887	ug/L	98
19) 1,1-Dichloroethane	3.859	63	157944	51.355	ug/L	100
20) cis-1,2-Dichloroethene	4.656	96	96839	50.745	ug/L	99
22) 2-Butanone	4.689	43	147545	100.475	ug/L	97
23) Bromochloromethane	4.965	128	48595	49.719	ug/L	93
25) Chloroform	5.078	83	165634	50.402	ug/L	95

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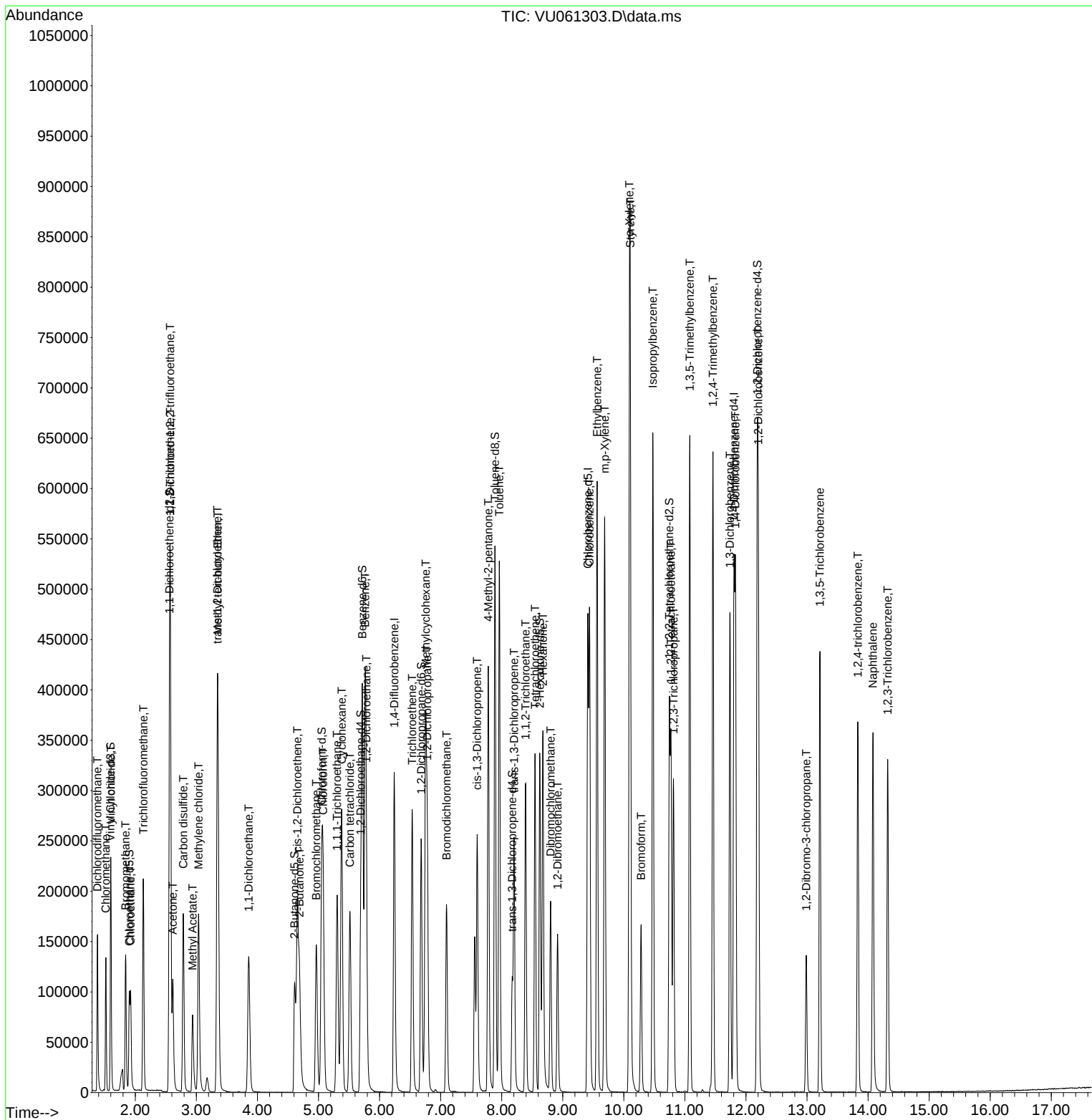
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 MSVOA_U
 ClientSampleId :

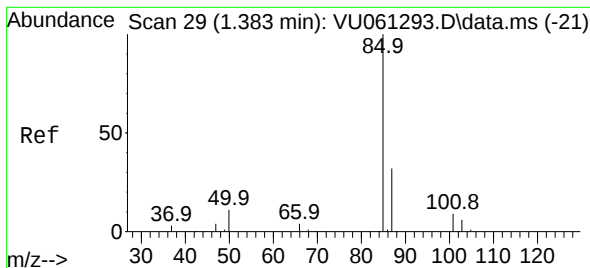
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	132051	50.244	ug/L	99
29) Cyclohexane	5.380	56	146227	54.165	ug/L	100
30) 1,1,1-Trichloroethane	5.306	97	142232	51.446	ug/L	99
31) Carbon tetrachloride	5.515	117	121989	51.306	ug/L	98
33) Benzene	5.766	78	365975	51.235	ug/L	100
34) Trichloroethene	6.534	95	96912	51.839	ug/L	98
35) Methylcyclohexane	6.756	83	157672	54.565	ug/L	99
37) 1,2-Dichloropropane	6.782	63	94998	49.965	ug/L	98
38) Bromodichloromethane	7.097	83	121454	50.013	ug/L #	99
39) cis-1,3-Dichloropropene	7.598	75	156728	51.717	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	257801	98.487	ug/L	99
42) Toluene	7.962	91	402299	51.726	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	145659	51.639	ug/L	100
45) 1,1,2-Trichloroethane	8.389	97	96707	50.615	ug/L	99
46) Tetrachloroethene	8.547	164	70920	52.773	ug/L	97
48) 2-Hexanone	8.676	43	216784	102.076	ug/L	99
49) Dibromochloromethane	8.801	129	95365	50.333	ug/L	100
50) 1,2-Dibromoethane	8.917	107	105434	49.938	ug/L	99
51) Chlorobenzene	9.441	112	256371	51.379	ug/L	99
52) Ethylbenzene	9.563	91	439540	52.202	ug/L	100
53) m,p-Xylene	9.688	106	168006	52.315	ug/L	100
54) o-Xylene	10.094	106	164431	51.600	ug/L	96
55) Styrene	10.106	104	274939	53.040	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.772	83	167737	50.202	ug/L	99
59) Bromoform	10.283	173	72652	48.711	ug/L #	98
60) 1,2,3-Trichloropropane	10.814	75	129378	47.385	ug/L	100
61) Isopropylbenzene	10.476	105	433136	51.155	ug/L	100
62) 1,3,5-Trimethylbenzene	11.081	105	355566	51.727	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	354159	52.311	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	192699	50.924	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	193336	50.283	ug/L	97
67) 1,2-Dichlorobenzene	12.203	146	188597	49.408	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.987	75	34943	47.501	ug/L	96
69) 1,3,5-Trichlorobenzene	13.212	180	132168	52.115	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	110619	51.001	ug/L	99
71) Naphthalene	14.080	128	305061	43.797	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	98640	46.566	ug/L	99

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

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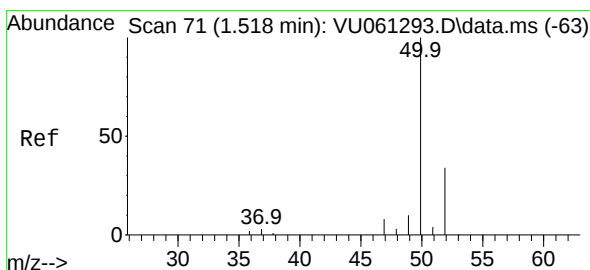
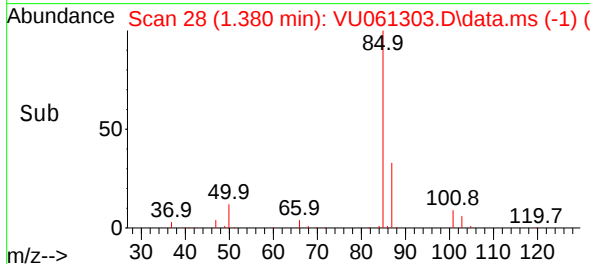
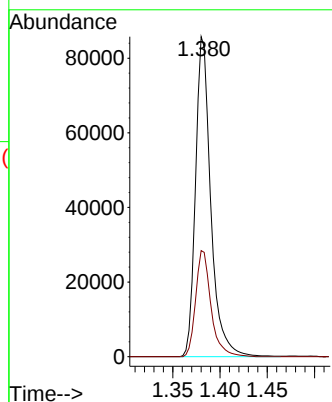
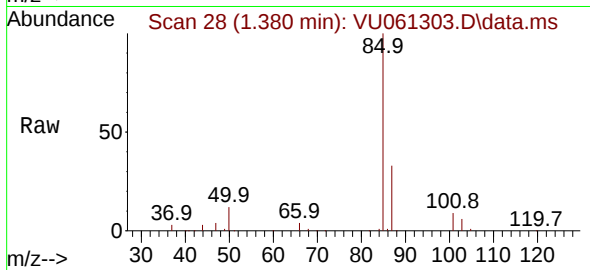




#2
Dichlorodifluoromethane
Concen: 51.365 ug/L
RT: 1.380 min Scan# 29
Delta R.T. -0.003 min
Lab File: VU061303.D
Acq: 30 Oct 2024 15:53

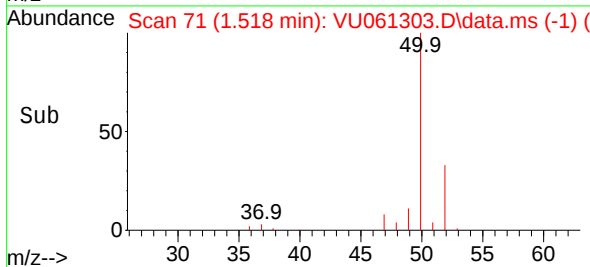
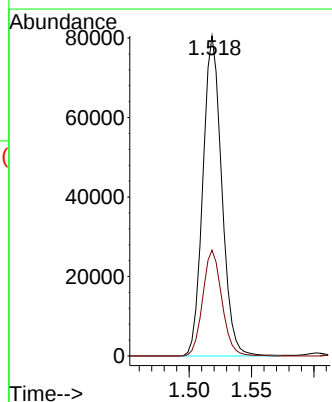
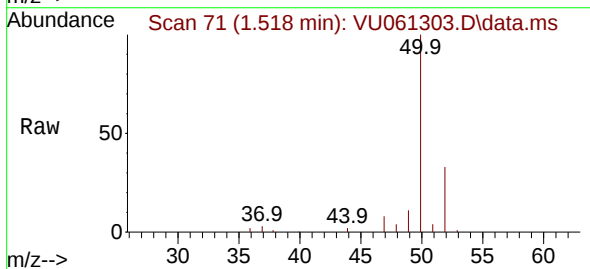
Instrument :
MSVOA_U
ClientSampleId :

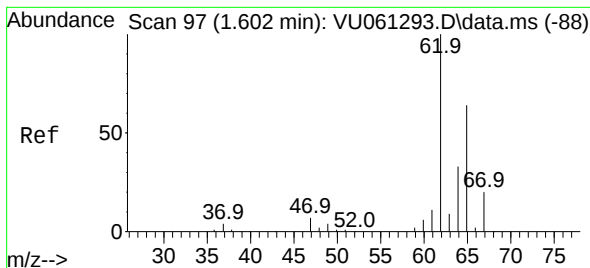
Tgt Ion: 85 Resp: 96320
Ion Ratio Lower Upper
85 100
87 33.4 25.7 38.5



#3
Chloromethane
Concen: 48.031 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU061303.D
Acq: 30 Oct 2024 15:53

Tgt Ion: 50 Resp: 84758
Ion Ratio Lower Upper
50 100
52 33.1 23.6 43.8





#5

Vinyl chloride

Concen: 47.385 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU061303.D

Acq: 30 Oct 2024 15:53

Instrument :

MSVOA_U

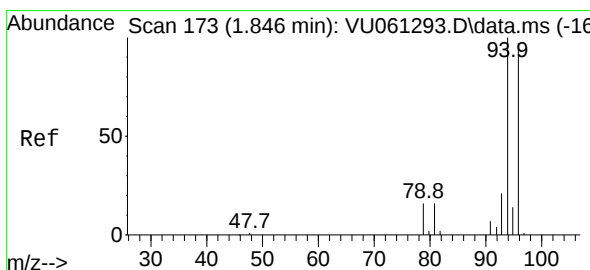
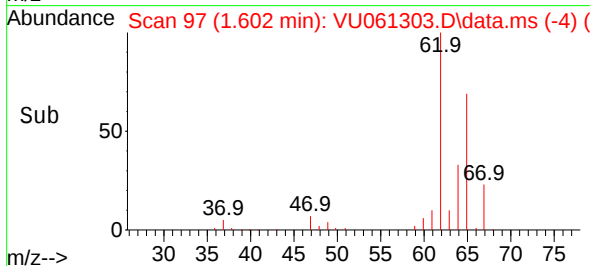
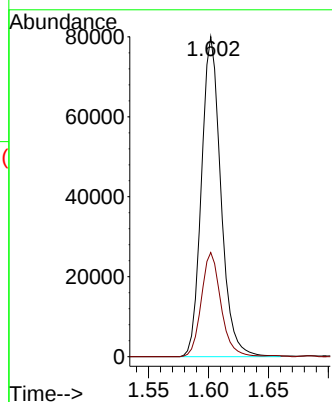
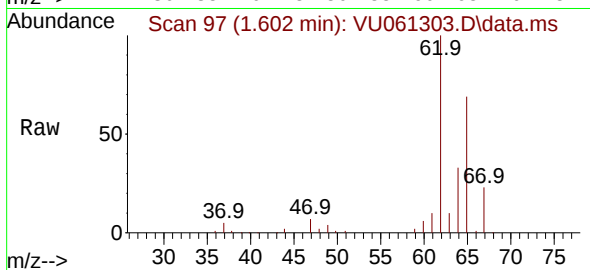
ClientSampleId :

Tgt Ion: 62 Resp: 90418

Ion Ratio Lower Upper

62 100

64 32.5 23.4 43.4



#6

Bromomethane

Concen: 46.924 ug/L

RT: 1.843 min Scan# 172

Delta R.T. -0.003 min

Lab File: VU061303.D

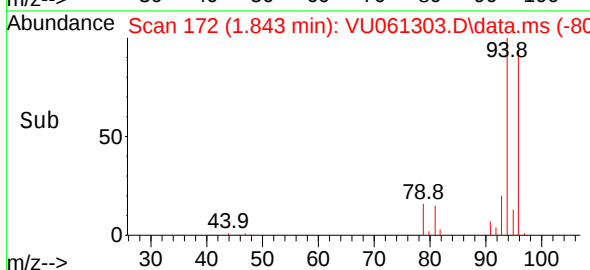
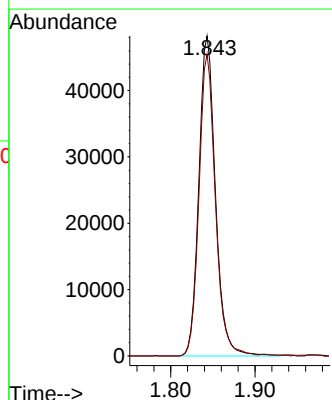
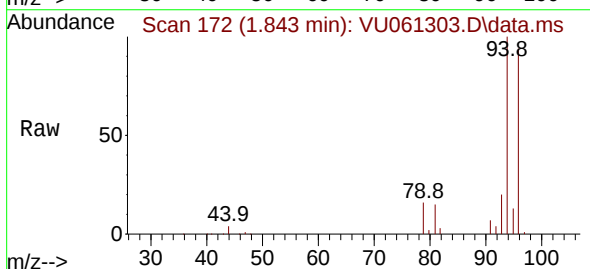
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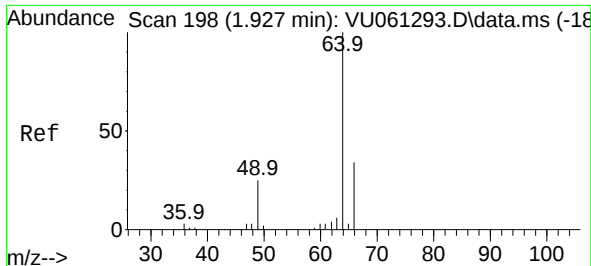
Tgt Ion: 94 Resp: 66288

Ion Ratio Lower Upper

94 100

96 94.3 66.1 122.8

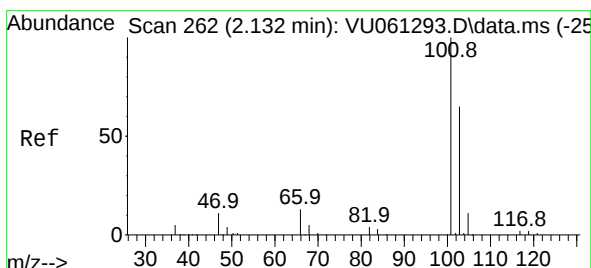
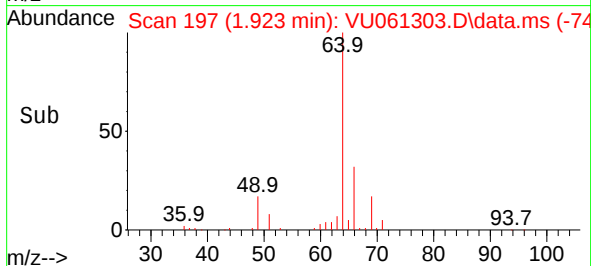
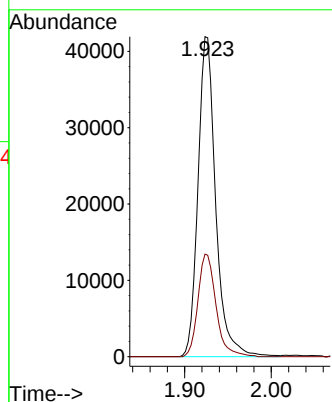
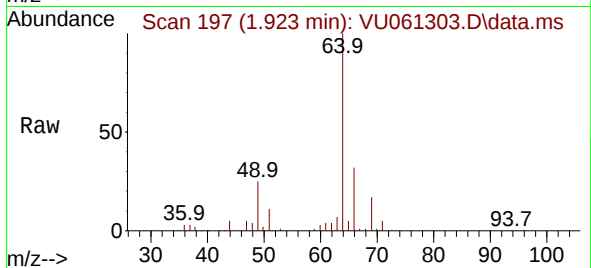




#8
Chloroethane
Concen: 47.680 ug/L
RT: 1.923 min Scan# 198
Delta R.T. -0.003 min
Lab File: VU061303.D
Acq: 30 Oct 2024 15:53

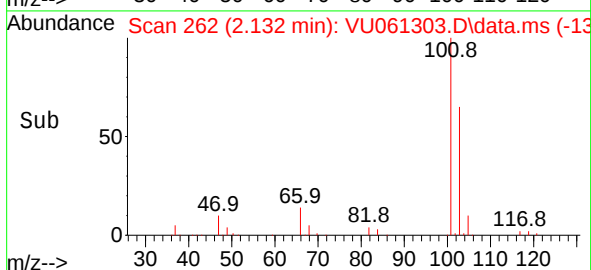
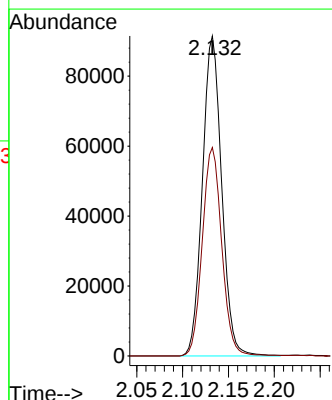
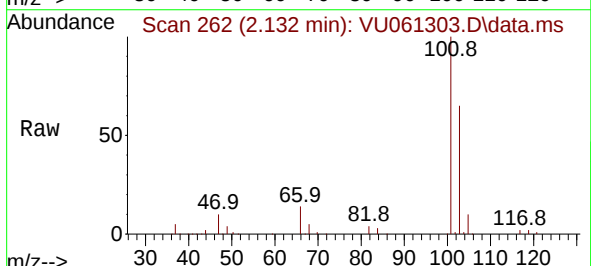
Instrument :
MSVOA_U
ClientSampleId :

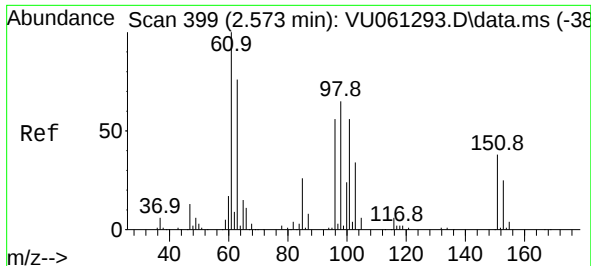
Tgt Ion: 64 Resp: 59507
Ion Ratio Lower Upper
64 100
66 32.1 23.6 43.8



#9
Trichlorofluoromethane
Concen: 50.129 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU061303.D
Acq: 30 Oct 2024 15:53

Tgt Ion:101 Resp: 133694
Ion Ratio Lower Upper
101 100
103 65.8 51.6 77.4

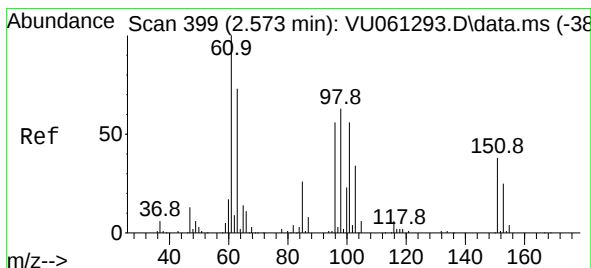
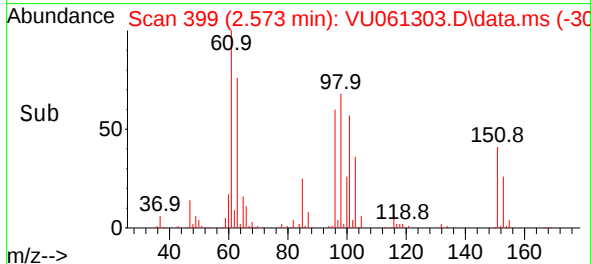
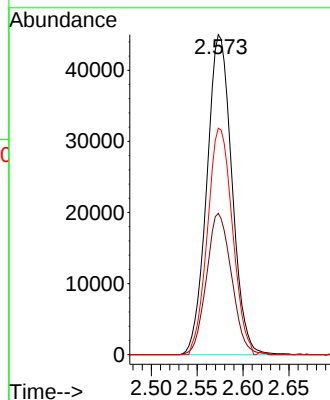
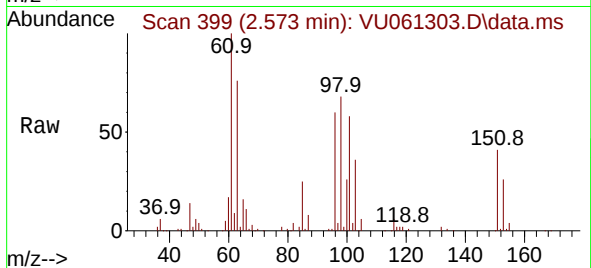




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 55.606 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU061303.D
Acq: 30 Oct 2024 15:53

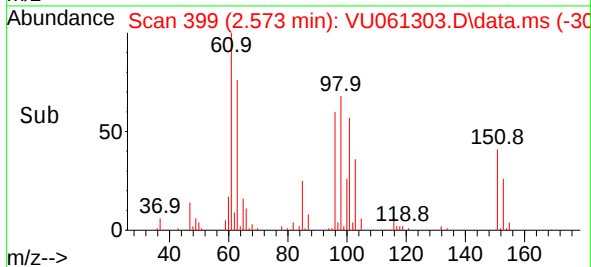
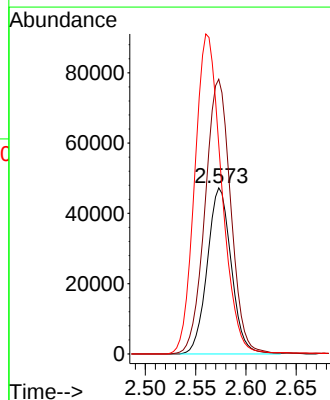
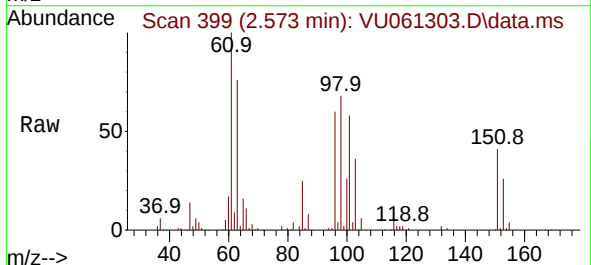
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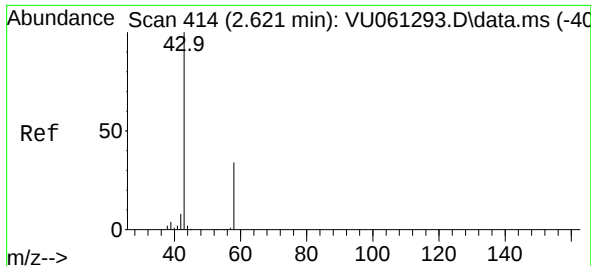
Tgt Ion:101 Resp: 85735
Ion Ratio Lower Upper
101 100
85 44.2 36.4 54.6
151 70.4 57.0 85.4



#12
1,1-Dichloroethene
Concen: 53.309 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU061303.D
Acq: 30 Oct 2024 15:53

Tgt Ion: 96 Resp: 78295
Ion Ratio Lower Upper
96 100
61 165.4 117.1 217.5
63 125.9 86.6 160.8





#13

Acetone

Concen: 100.949 ug/L

RT: 2.615 min Scan# 41

Delta R.T. -0.006 min

Lab File: VU061303.D

Acq: 30 Oct 2024 15:53

Instrument :

MSVOA_U

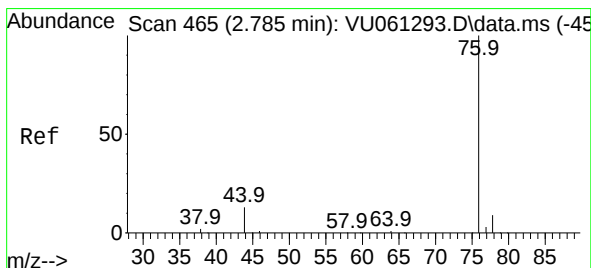
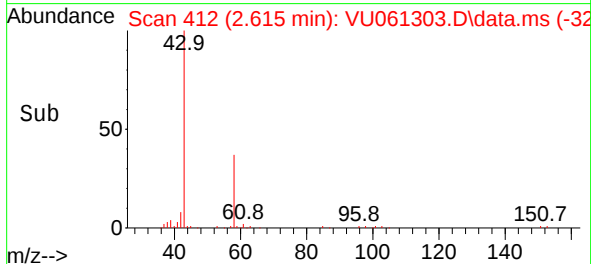
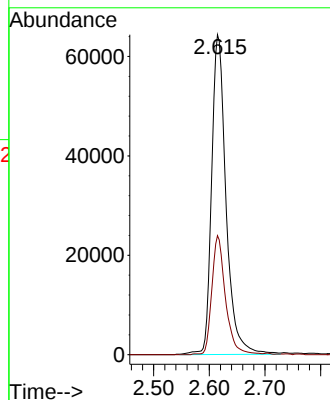
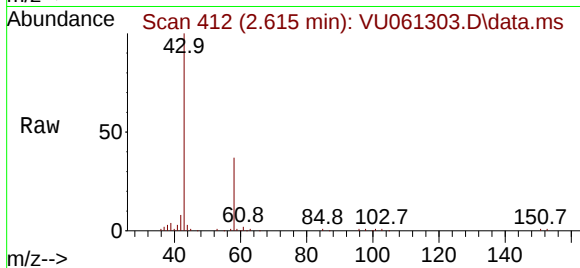
ClientSampleId :

Tgt Ion: 43 Resp: 115892

Ion Ratio Lower Upper

43 100

58 34.9 0.0 68.2



#14

Carbon disulfide

Concen: 52.707 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.000 min

Lab File: VU061303.D

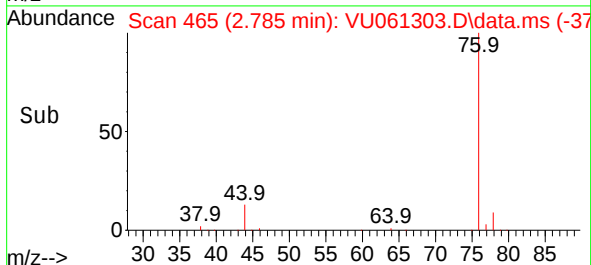
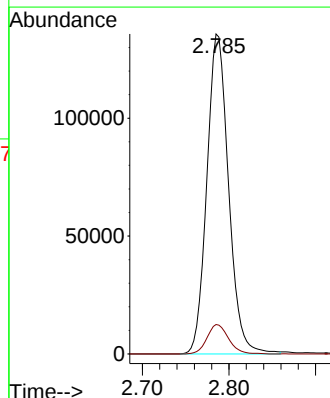
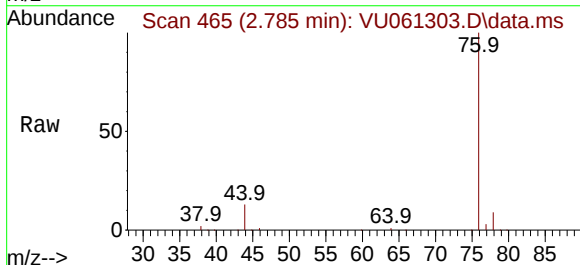
Acq: 30 Oct 2024 15:53

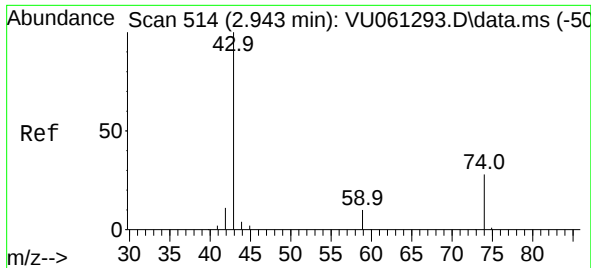
Tgt Ion: 76 Resp: 236663

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.2





#15

Methyl Acetate

Concen: 51.093 ug/L

RT: 2.939 min Scan# 51

Delta R.T. -0.003 min

Lab File: VU061303.D

Acq: 30 Oct 2024 15:53

Instrument :

MSVOA_U

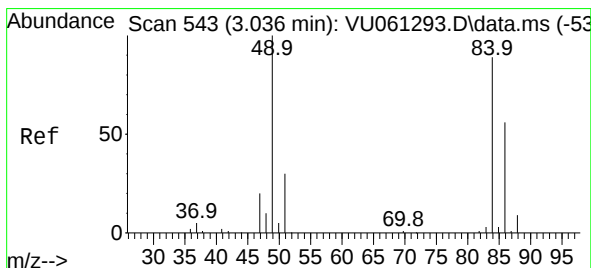
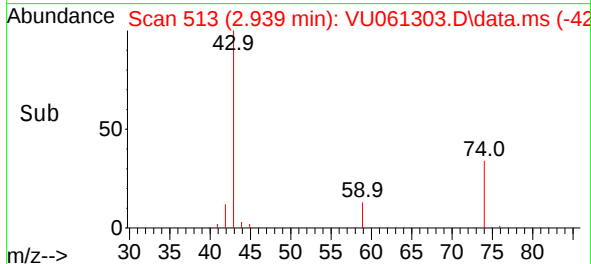
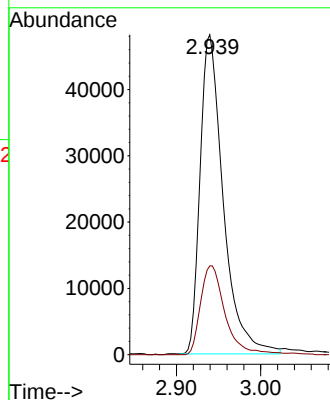
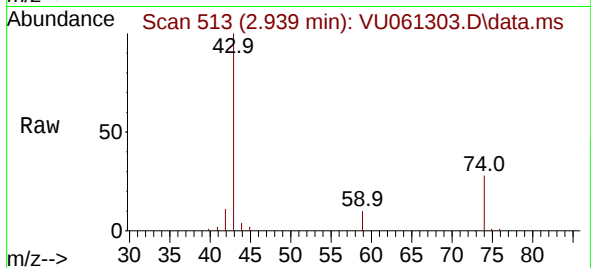
ClientSampleId :

Tgt Ion: 43 Resp: 92255

Ion Ratio Lower Upper

43 100

74 28.5 23.2 34.8



#16

Methylene chloride

Concen: 51.617 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.000 min

Lab File: VU061303.D

Acq: 30 Oct 2024 15:53

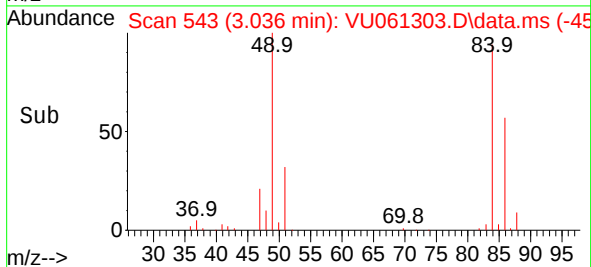
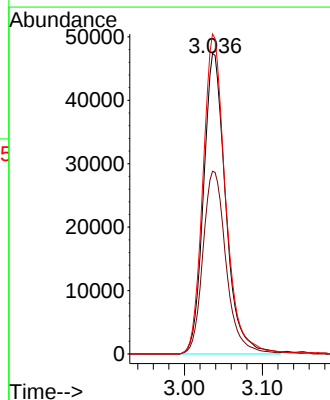
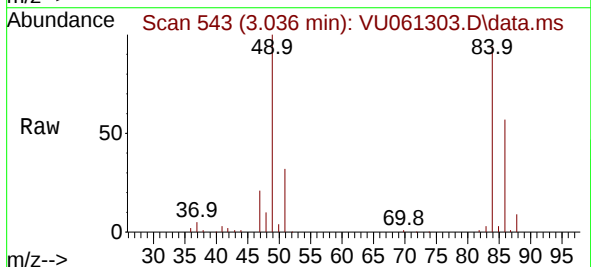
Tgt Ion: 84 Resp: 93748

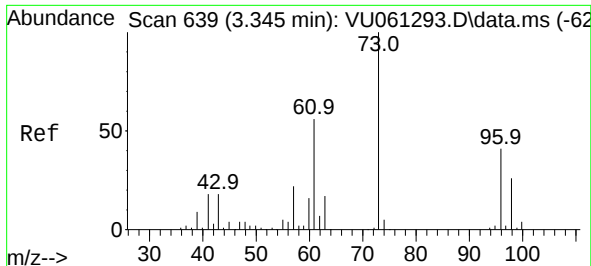
Ion Ratio Lower Upper

84 100

86 60.8 45.3 84.1

49 106.5 78.3 145.5

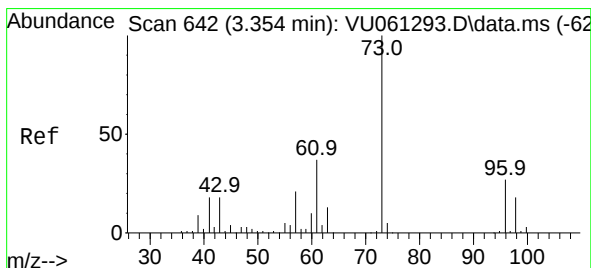
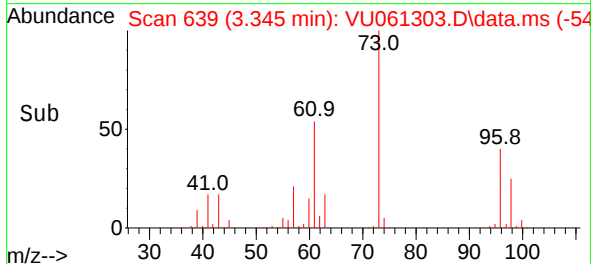
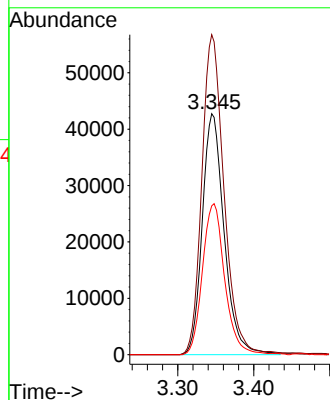
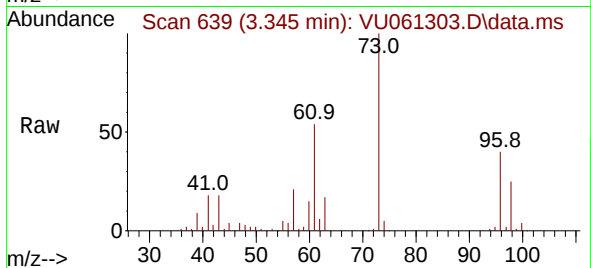




#17
trans-1,2-Dichloroethene
Concen: 53.267 ug/L
RT: 3.345 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU061303.D
Acq: 30 Oct 2024 15:53

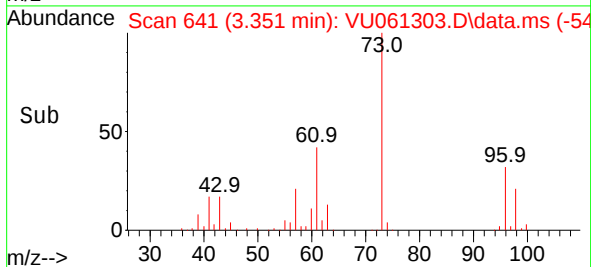
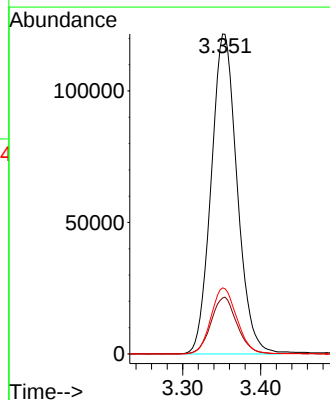
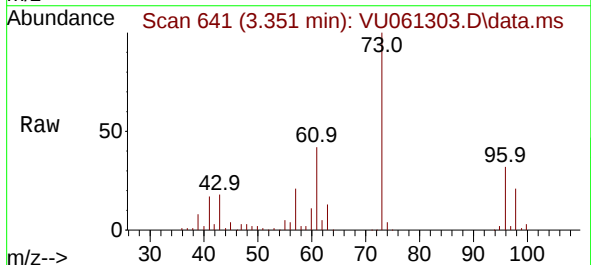
Instrument :
MSVOA_U
ClientSampleId :

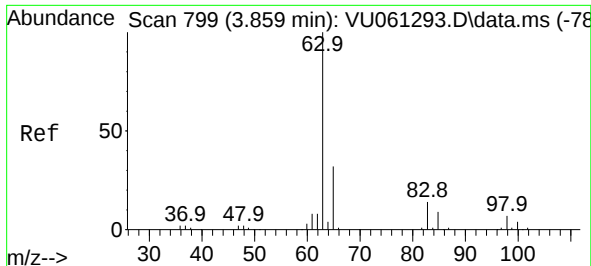
Tgt Ion: 96 Resp: 85485
Ion Ratio Lower Upper
96 100
61 132.8 95.3 177.1
98 61.8 46.0 85.4



#18
Methyl tert-butyl Ether
Concen: 50.887 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.003 min
Lab File: VU061303.D
Acq: 30 Oct 2024 15:53

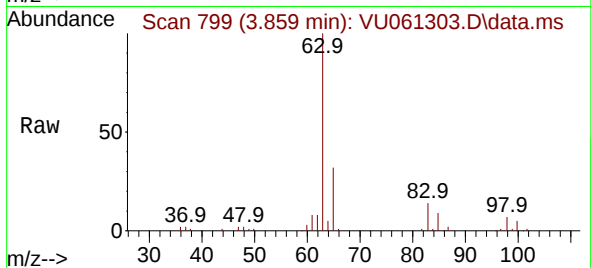
Tgt Ion: 73 Resp: 281605
Ion Ratio Lower Upper
73 100
43 17.6 14.8 22.2
57 20.6 17.0 25.6



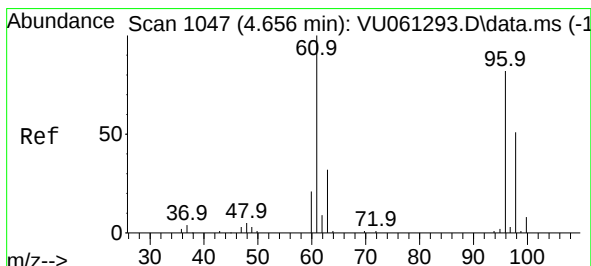
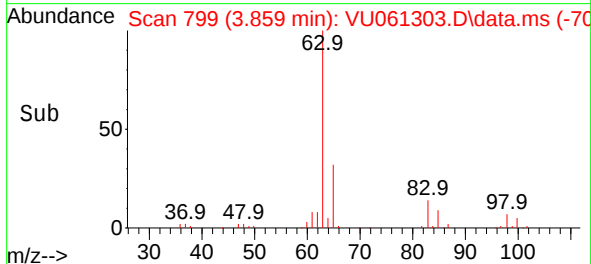
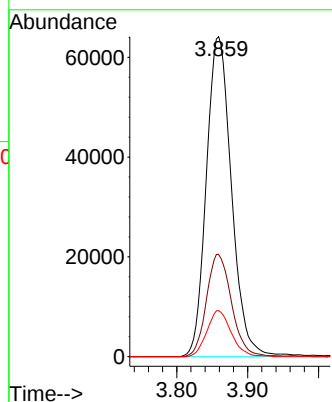


#19
1,1-Dichloroethane
Concen: 51.355 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU061303.D
Acq: 30 Oct 2024 15:53

Instrument :
MSVOA_U
ClientSampleId :

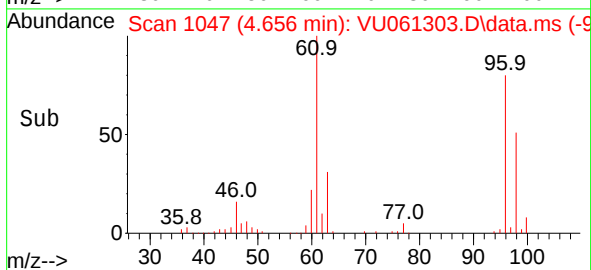
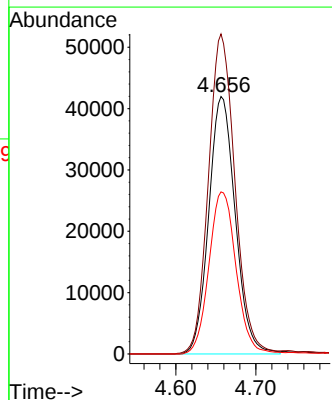
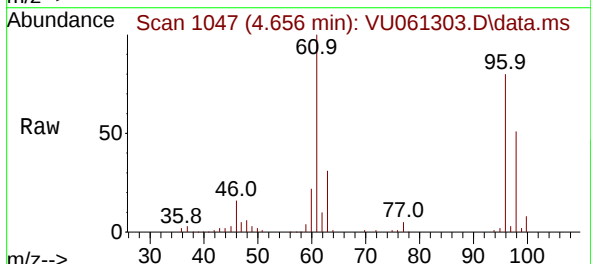


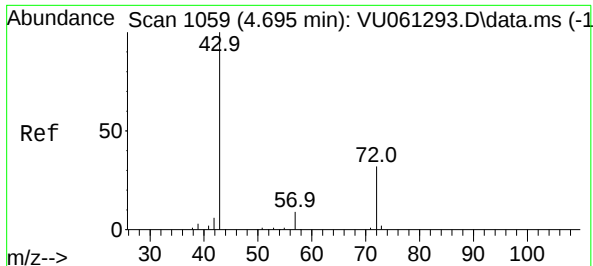
Tgt Ion: 63 Resp: 157944
Ion Ratio Lower Upper
63 100
65 32.0 22.3 41.3
83 14.4 9.9 18.3



#20
cis-1,2-Dichloroethene
Concen: 50.745 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. -0.000 min
Lab File: VU061303.D
Acq: 30 Oct 2024 15:53

Tgt Ion: 96 Resp: 96839
Ion Ratio Lower Upper
96 100
61 124.3 87.2 161.9
98 63.0 45.2 84.0

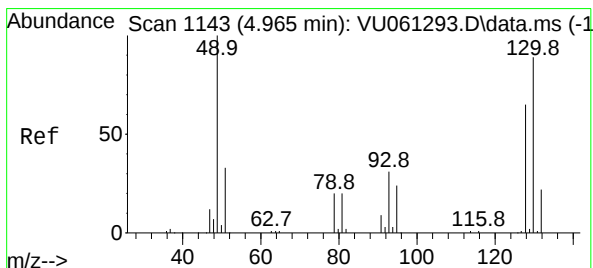
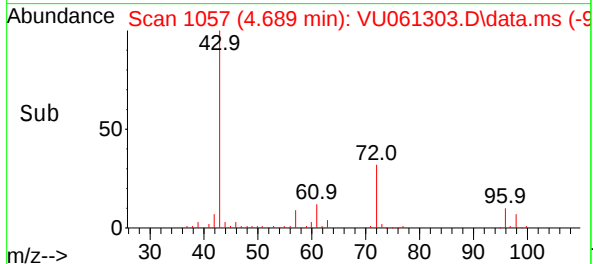
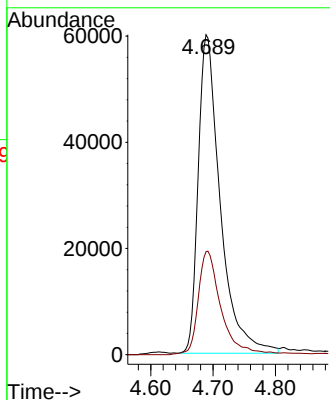
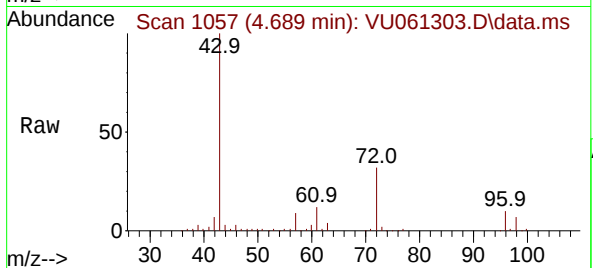




#22
2-Butanone
Concen: 100.475 ug/L
RT: 4.689 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VU061303.D
Acq: 30 Oct 2024 15:53

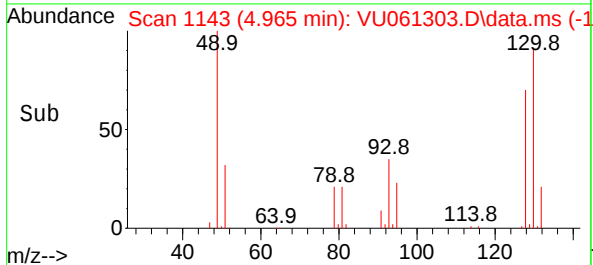
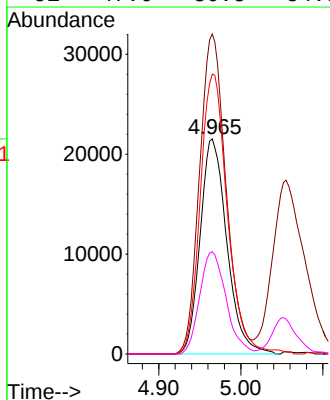
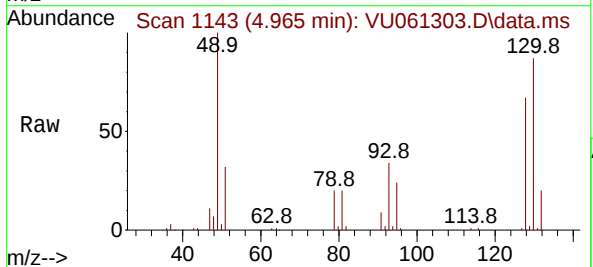
Instrument :
MSVOA_U
ClientSampleId :

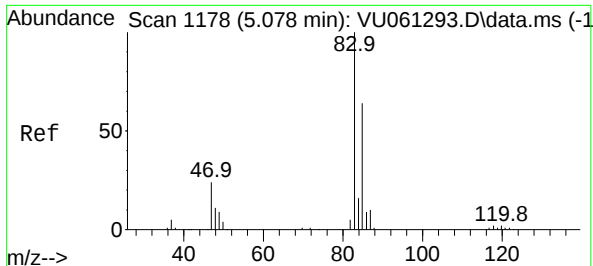
Tgt Ion: 43 Resp: 147545
Ion Ratio Lower Upper
43 100
72 33.1 15.8 47.4



#23
Bromochloromethane
Concen: 49.719 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VU061303.D
Acq: 30 Oct 2024 15:53

Tgt Ion:128 Resp: 48595
Ion Ratio Lower Upper
128 100
49 148.8 98.7 183.3
130 130.1 85.0 157.8
51 47.6 36.3 54.5





#25

Chloroform

Concen: 50.402 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VU061303.D

Acq: 30 Oct 2024 15:53

Instrument :

MSVOA_U

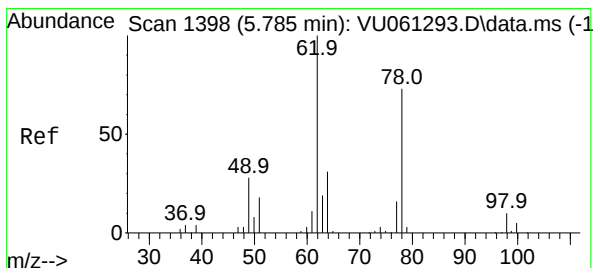
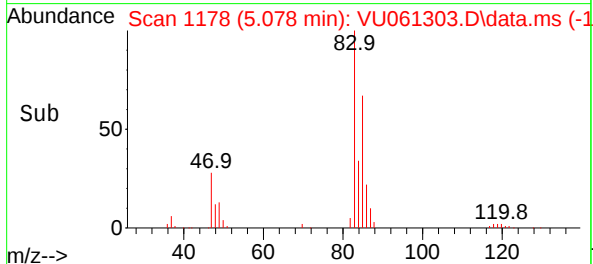
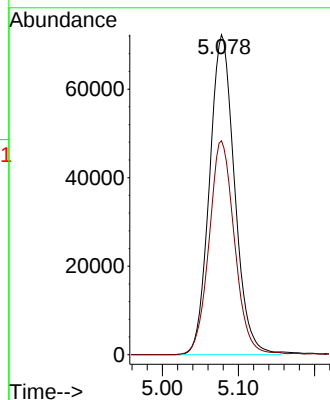
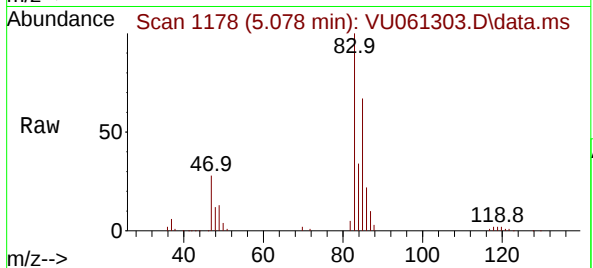
ClientSampleId :

Tgt Ion: 83 Resp: 165634

Ion Ratio Lower Upper

83 100

85 66.9 44.3 82.3



#27

1,2-Dichloroethane

Concen: 50.244 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VU061303.D

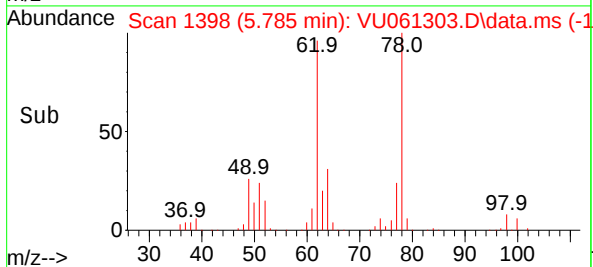
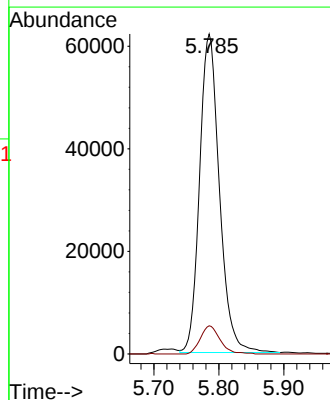
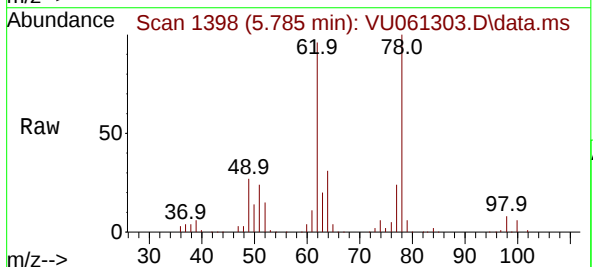
Acq: 30 Oct 2024 15:53

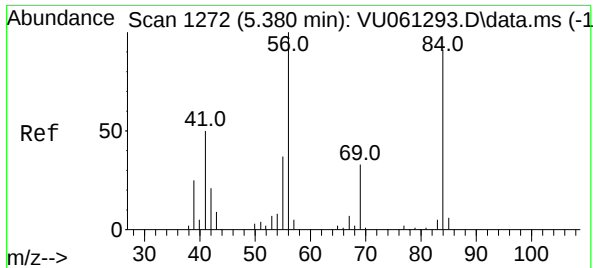
Tgt Ion: 62 Resp: 132051

Ion Ratio Lower Upper

62 100

98 8.8 6.6 10.0

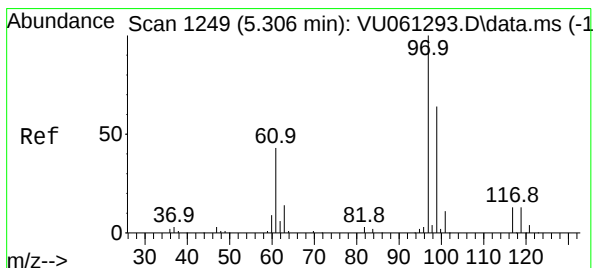
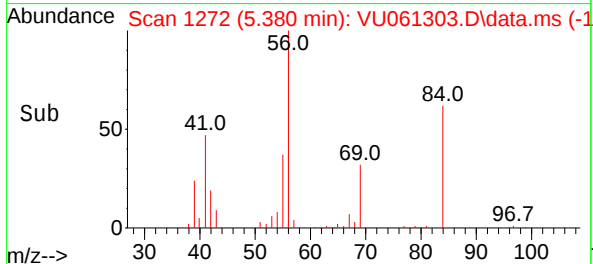
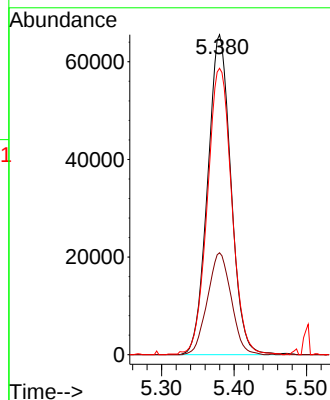
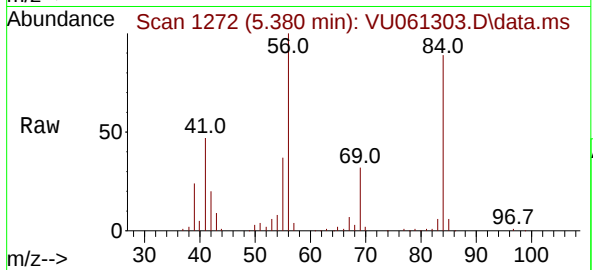




#29
Cyclohexane
Concen: 54.165 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VU061303.D
Acq: 30 Oct 2024 15:53

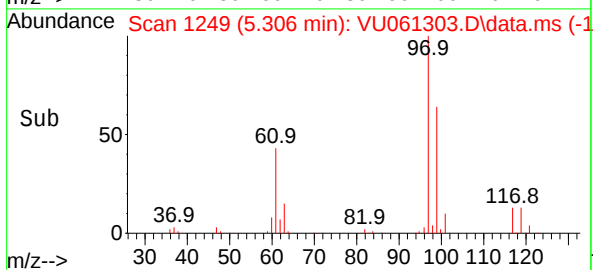
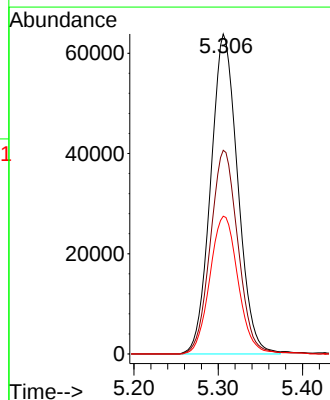
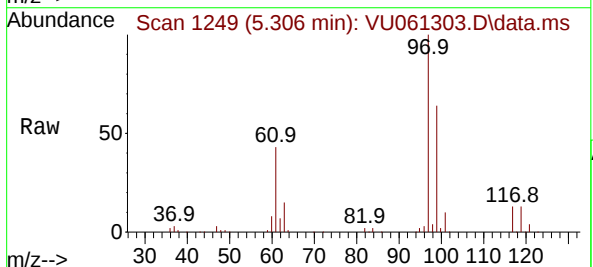
Instrument :
MSVOA_U
ClientSampleId :

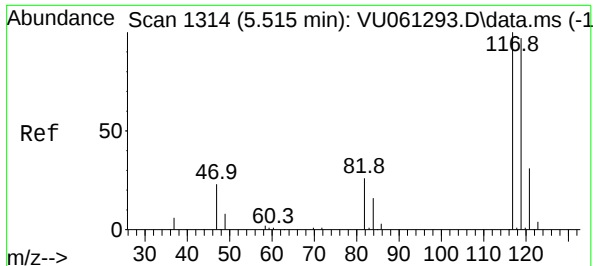
Tgt Ion: 56 Resp: 146227
Ion Ratio Lower Upper
56 100
69 32.5 26.3 39.5
84 93.5 74.6 112.0



#30
1,1,1-Trichloroethane
Concen: 51.446 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU061303.D
Acq: 30 Oct 2024 15:53

Tgt Ion: 97 Resp: 142232
Ion Ratio Lower Upper
97 100
99 65.0 51.0 76.6
61 45.2 35.9 53.9

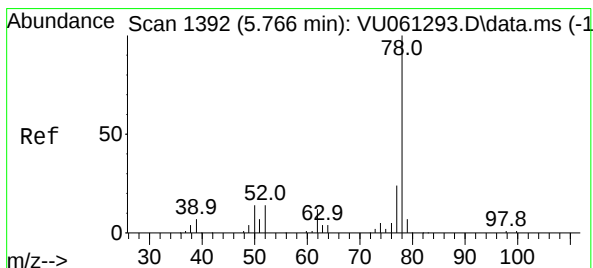
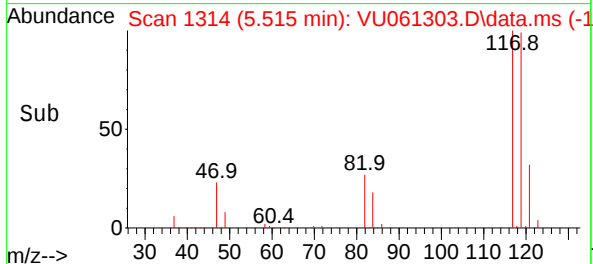
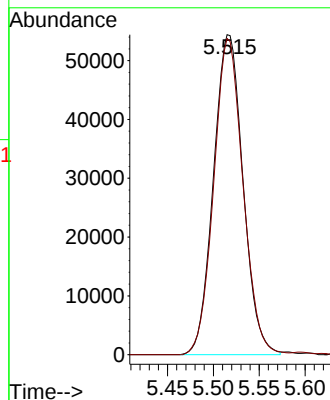
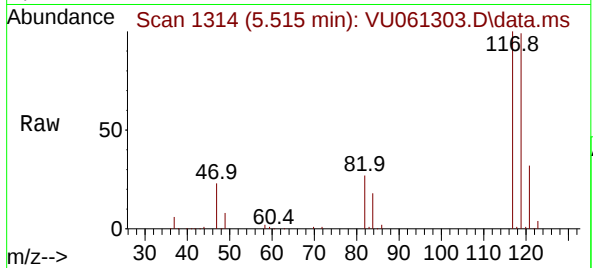




#31
Carbon tetrachloride
Concen: 51.306 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU061303.D
Acq: 30 Oct 2024 15:53

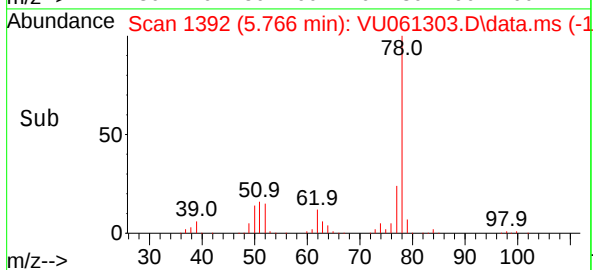
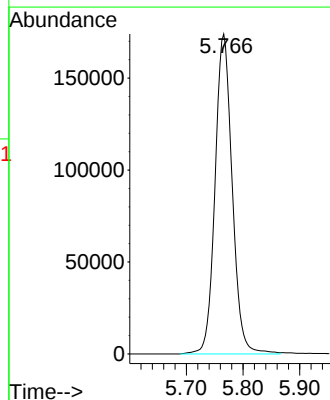
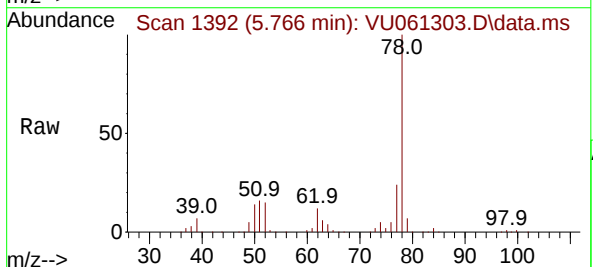
Instrument :
MSVOA_U
ClientSampleId :

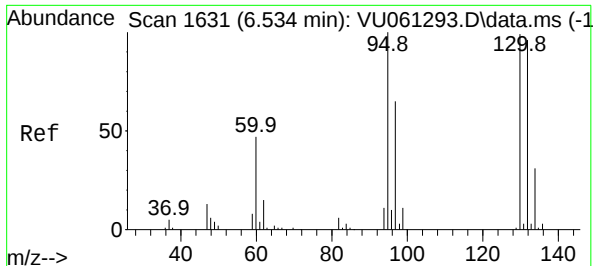
Tgt Ion:117 Resp: 121989
Ion Ratio Lower Upper
117 100
119 97.7 76.7 115.1



#33
Benzene
Concen: 51.235 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU061303.D
Acq: 30 Oct 2024 15:53

Tgt Ion: 78 Resp: 365975





#34

Trichloroethene

Concen: 51.839 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU061303.D

Acq: 30 Oct 2024 15:53

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 96912

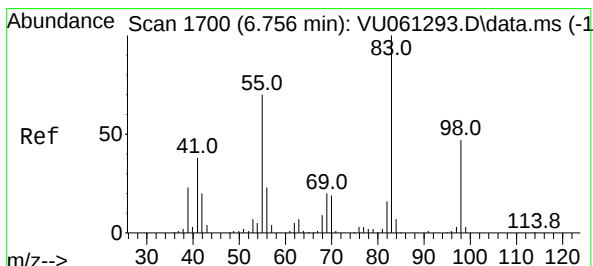
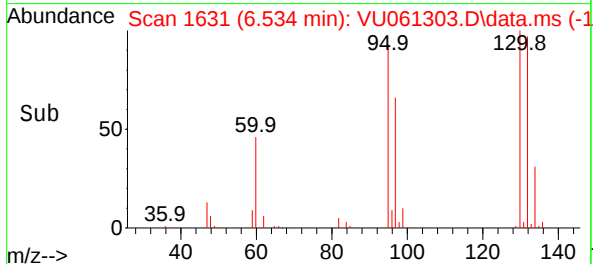
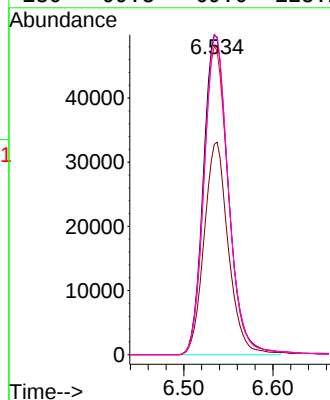
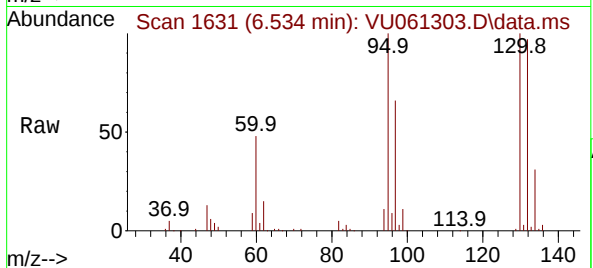
Ion Ratio Lower Upper

95 100

97 65.7 44.2 82.0

132 96.5 66.6 123.6

130 99.8 69.0 128.2



#35

Methylcyclohexane

Concen: 54.565 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VU061303.D

Acq: 30 Oct 2024 15:53

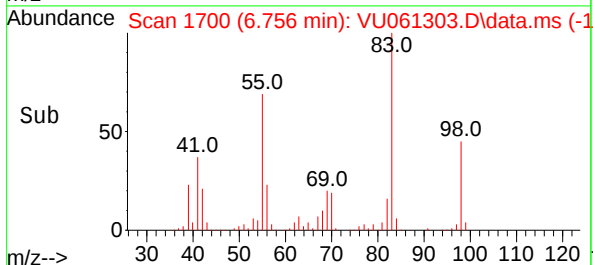
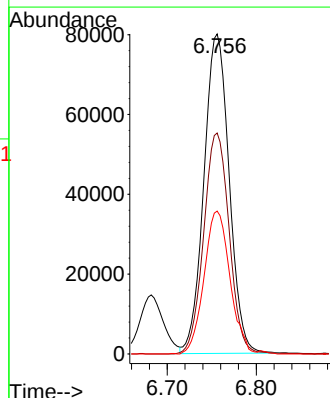
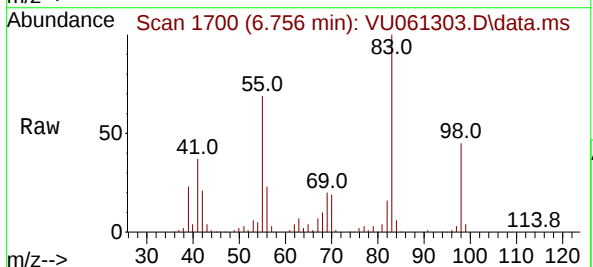
Tgt Ion: 83 Resp: 157672

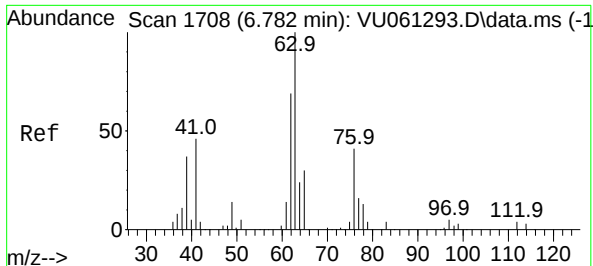
Ion Ratio Lower Upper

83 100

55 70.0 55.1 82.7

98 45.8 36.7 55.1

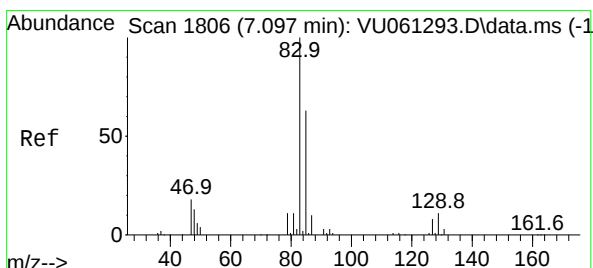
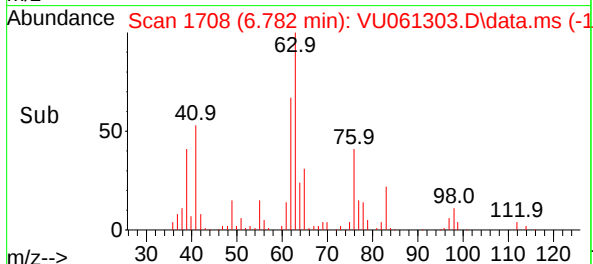
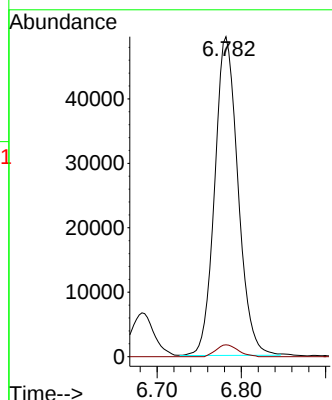
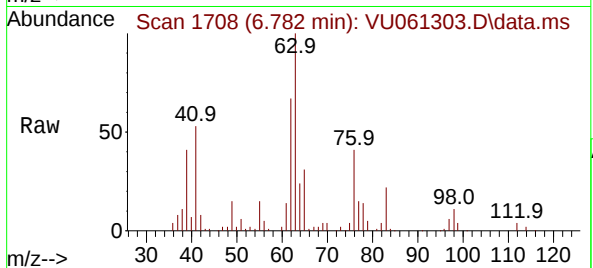




#37
1,2-Dichloropropane
Concen: 49.965 ug/L
RT: 6.782 min Scan# 1708
Delta R.T. -0.000 min
Lab File: VU061303.D
Acq: 30 Oct 2024 15:53

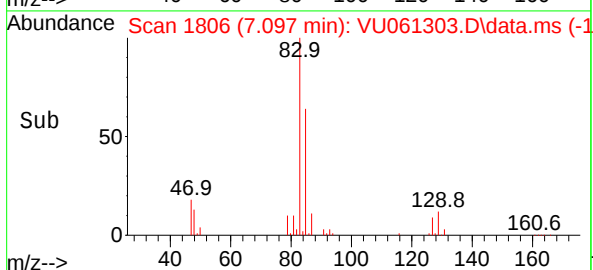
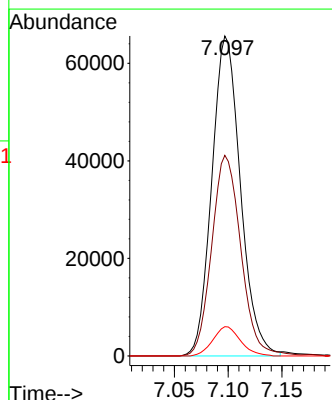
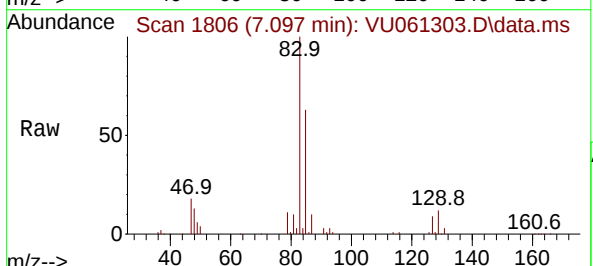
Instrument :
MSVOA_U
ClientSampleId :

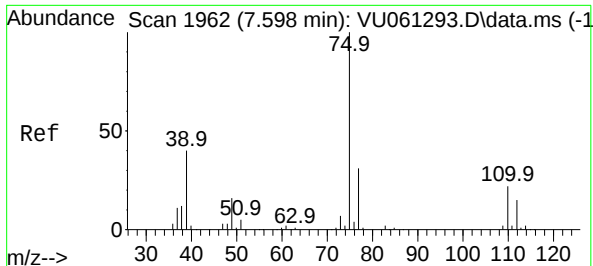
Tgt Ion: 63 Resp: 94998
Ion Ratio Lower Upper
63 100
112 3.5 3.3 4.9



#38
Bromodichloromethane
Concen: 50.013 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU061303.D
Acq: 30 Oct 2024 15:53

Tgt Ion: 83 Resp: 121454
Ion Ratio Lower Upper
83 100
85 62.7 44.2 82.0
127 10.1 6.3 9.5#

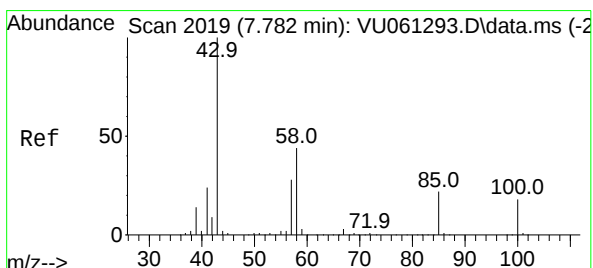
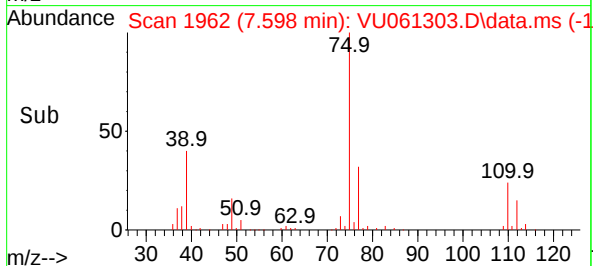
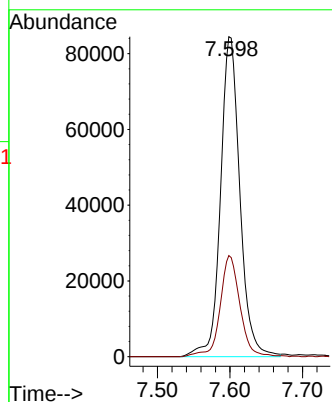
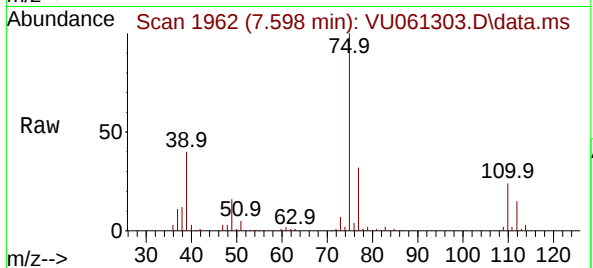




#39
 cis-1,3-Dichloropropene
 Concen: 51.717 ug/L
 RT: 7.598 min Scan# 1962
 Delta R.T. -0.000 min
 Lab File: VU061303.D
 Acq: 30 Oct 2024 15:53

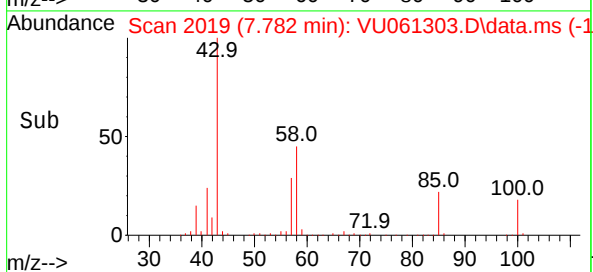
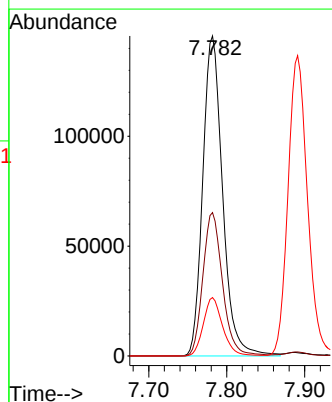
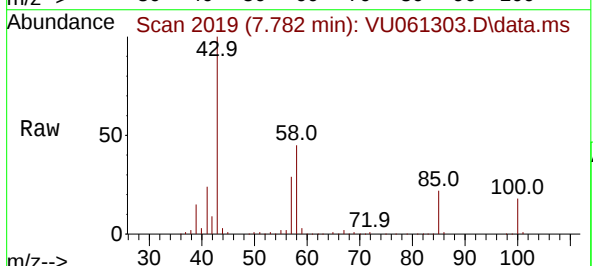
Instrument :
 MSVOA_U
 ClientSampleId :

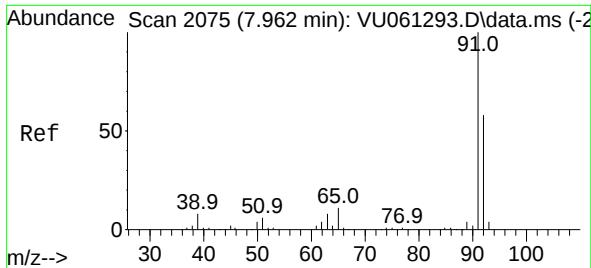
Tgt Ion: 75 Resp: 156728
 Ion Ratio Lower Upper
 75 100
 77 31.6 22.5 41.7



#40
 4-Methyl-2-pentanone
 Concen: 98.487 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VU061303.D
 Acq: 30 Oct 2024 15:53

Tgt Ion: 43 Resp: 257801
 Ion Ratio Lower Upper
 43 100
 58 44.3 35.2 52.8
 100 17.8 14.4 21.6





#42

Toluene

Concen: 51.726 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU061303.D

Acq: 30 Oct 2024 15:53

Instrument :

MSVOA_U

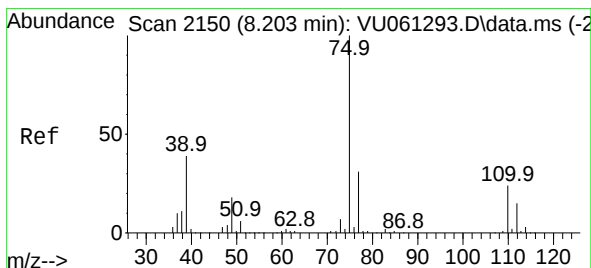
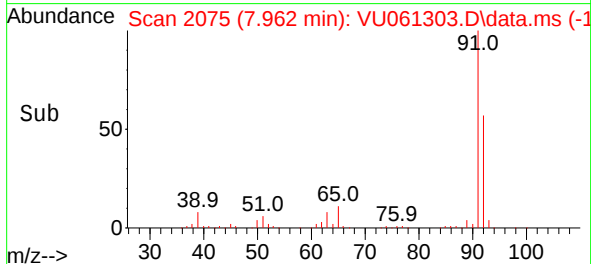
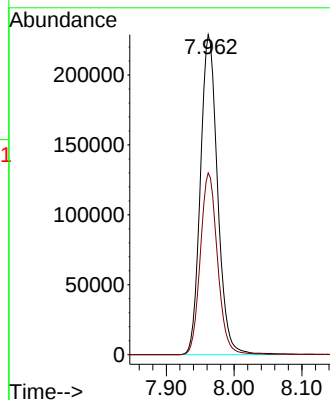
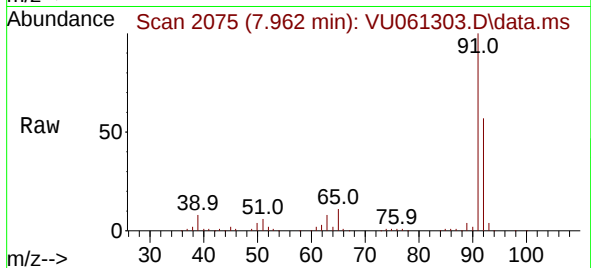
ClientSampleId :

Tgt Ion: 91 Resp: 402299

Ion Ratio Lower Upper

91 100

92 56.8 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 51.639 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU061303.D

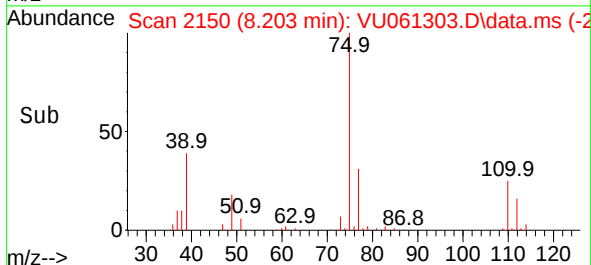
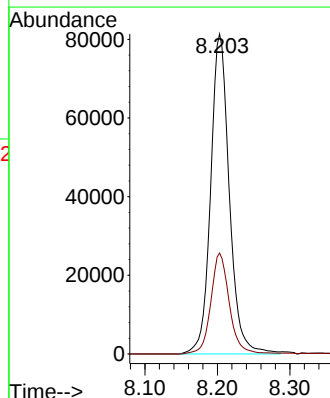
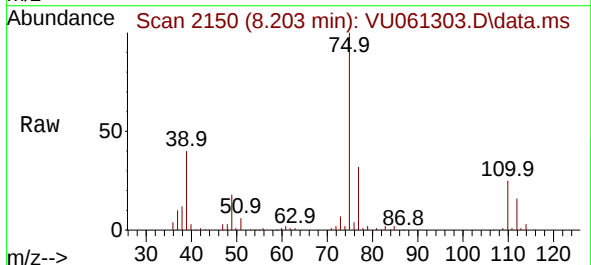
Acq: 30 Oct 2024 15:53

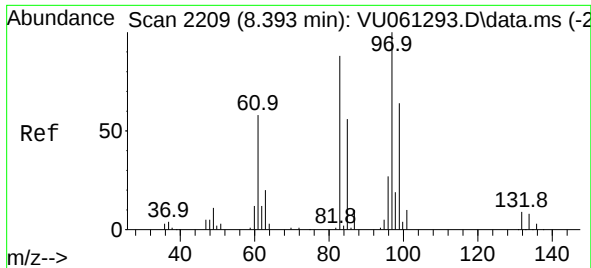
Tgt Ion: 75 Resp: 145659

Ion Ratio Lower Upper

75 100

77 31.5 22.2 41.2

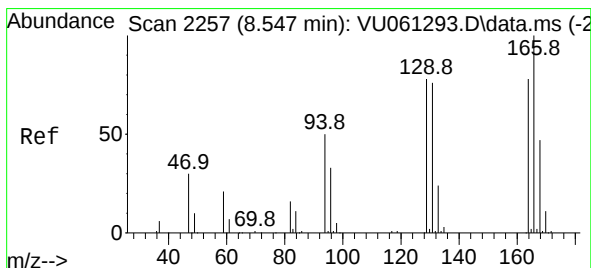
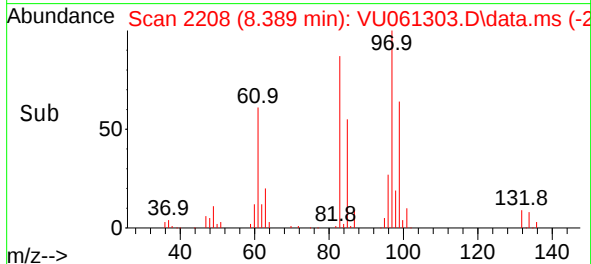
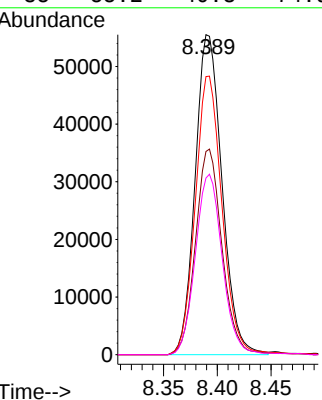
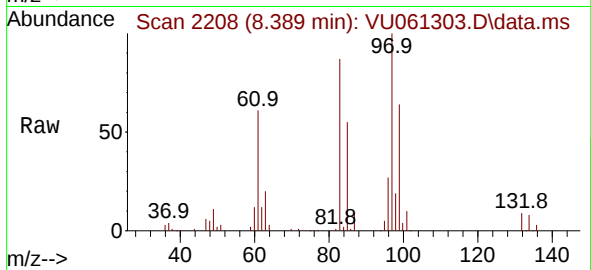




#45
1,1,2-Trichloroethane
Concen: 50.615 ug/L
RT: 8.389 min Scan# 2209
Delta R.T. -0.003 min
Lab File: VU061303.D
Acq: 30 Oct 2024 15:53

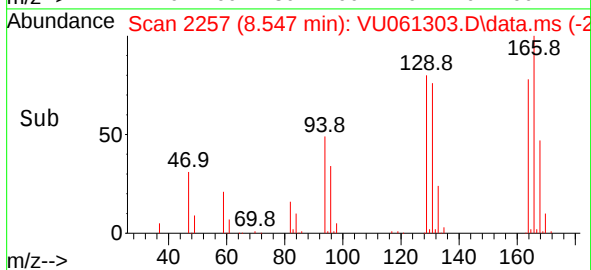
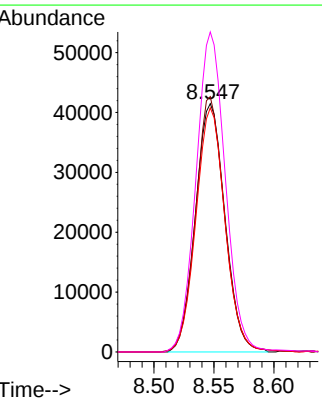
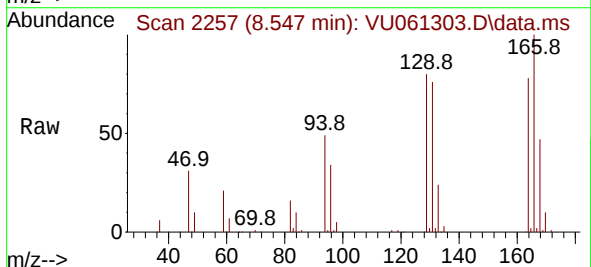
Instrument :
MSVOA_U
ClientSampleId :

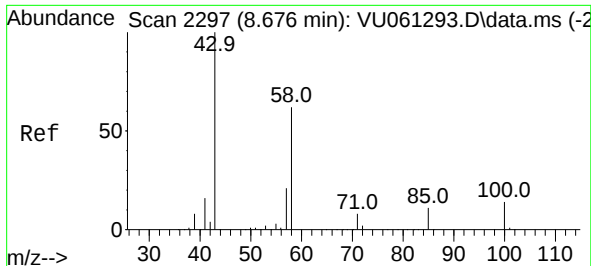
Tgt Ion:	97	Resp:	96707
Ion	Ratio	Lower	Upper
97	100		
99	63.5	44.4	82.5
83	86.9	61.0	113.2
85	55.2	40.3	74.9



#46
Tetrachloroethene
Concen: 52.773 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU061303.D
Acq: 30 Oct 2024 15:53

Tgt Ion:	164	Resp:	70920
Ion	Ratio	Lower	Upper
164	100		
129	99.9	71.6	133.0
131	95.5	68.6	127.4
166	127.6	86.8	161.2

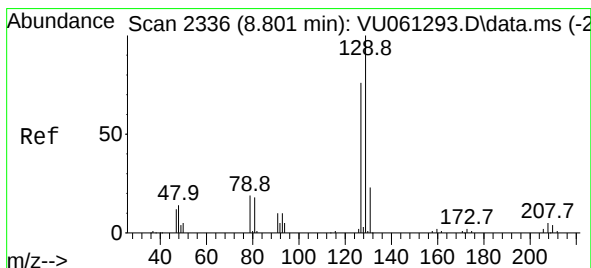
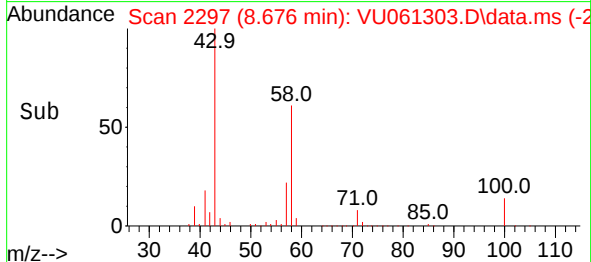
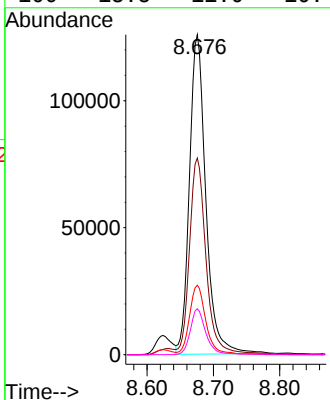
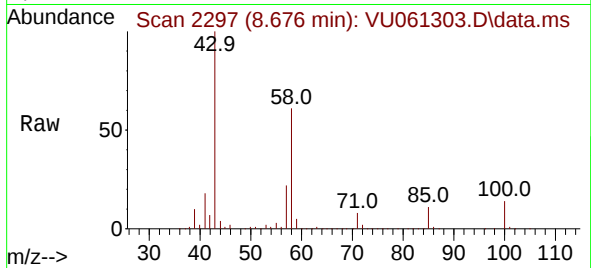




#48
2-Hexanone
Concen: 102.076 ug/L
RT: 8.676 min Scan# 216784
Delta R.T. 0.000 min
Lab File: VU061303.D
Acq: 30 Oct 2024 15:53

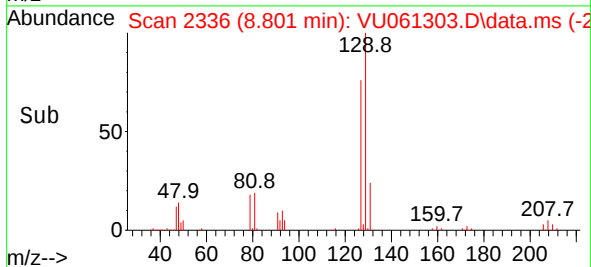
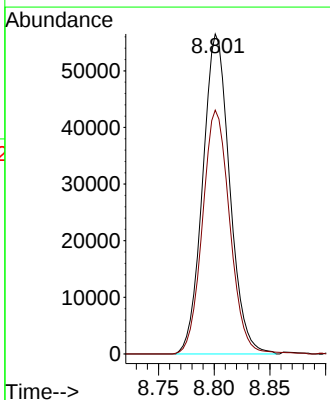
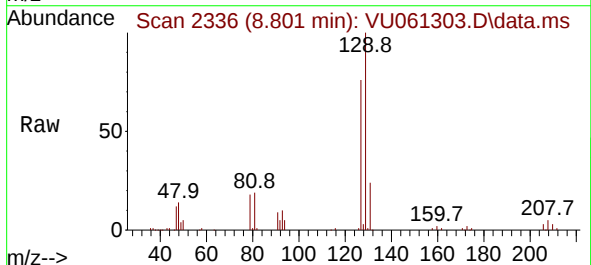
Instrument :
MSVOA_U
ClientSampleId :

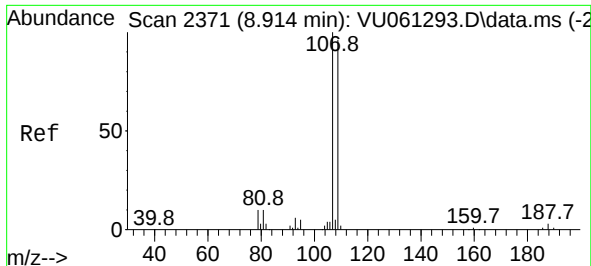
Tgt Ion: 43 Resp: 216784
Ion Ratio Lower Upper
43 100
58 60.2 49.2 73.8
57 21.5 17.4 26.2
100 13.5 11.0 16.4



#49
Dibromochloromethane
Concen: 50.333 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU061303.D
Acq: 30 Oct 2024 15:53

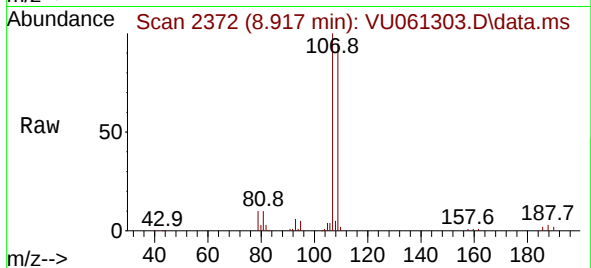
Tgt Ion: 129 Resp: 95365
Ion Ratio Lower Upper
129 100
127 76.2 53.5 99.3



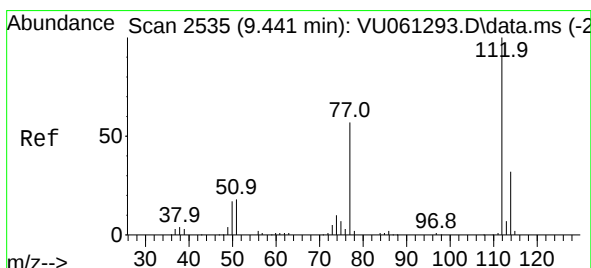
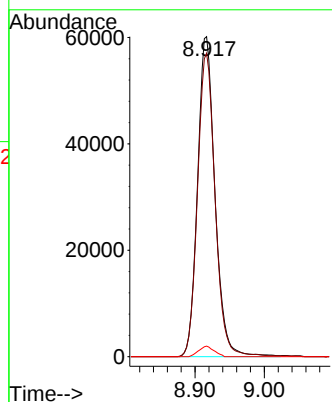
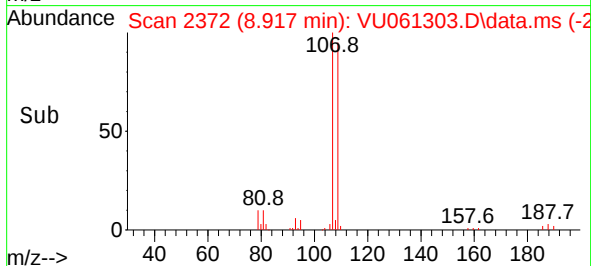


#50
1,2-Dibromoethane
Concen: 49.938 ug/L
RT: 8.917 min Scan# 24
Delta R.T. 0.003 min
Lab File: VU061303.D
Acq: 30 Oct 2024 15:53

Instrument :
MSVOA_U
ClientSampleId :

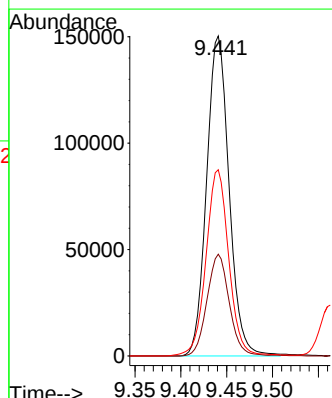
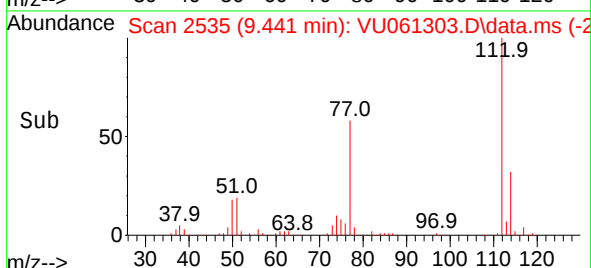
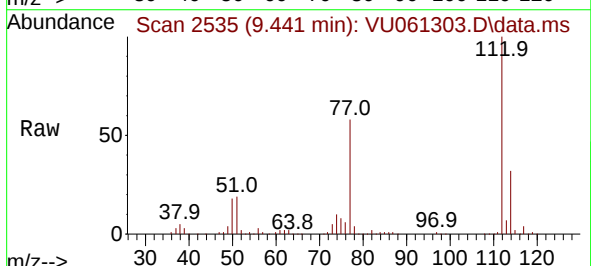


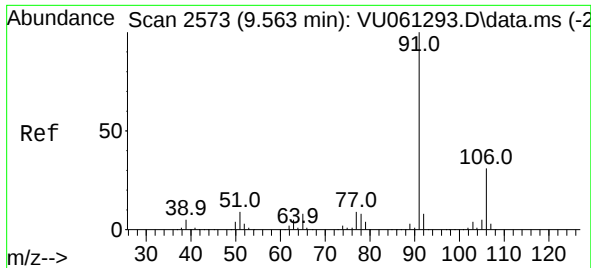
Tgt Ion:107 Resp: 105434
Ion Ratio Lower Upper
107 100
109 94.9 66.8 124.0
188 3.3 2.8 4.2



#51
Chlorobenzene
Concen: 51.379 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU061303.D
Acq: 30 Oct 2024 15:53

Tgt Ion:112 Resp: 256371
Ion Ratio Lower Upper
112 100
114 31.8 22.0 40.8
77 58.2 45.8 68.6





#52

Ethylbenzene

Concen: 52.202 ug/L

RT: 9.563 min Scan# 2573

Delta R.T. -0.000 min

Lab File: VU061303.D

Acq: 30 Oct 2024 15:53

Instrument :

MSVOA_U

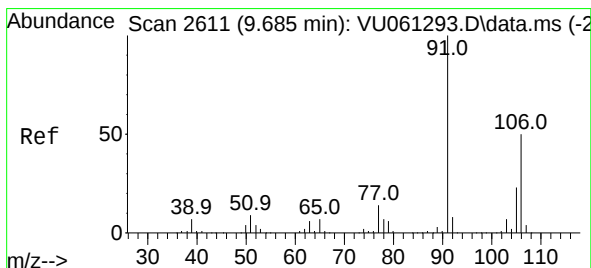
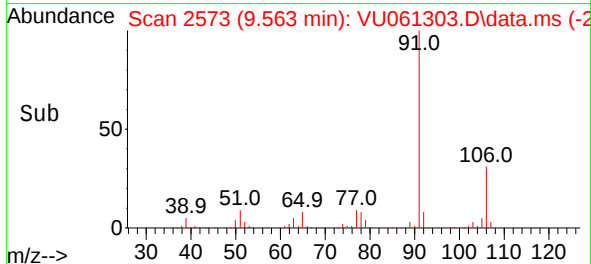
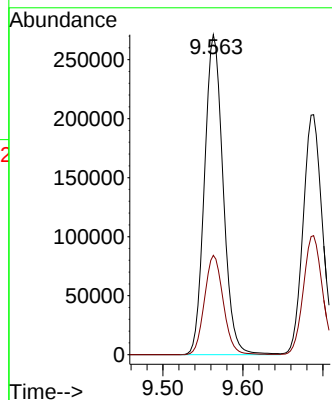
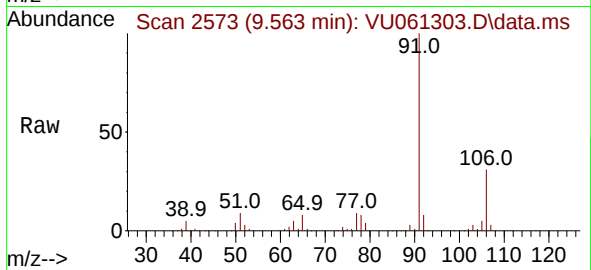
ClientSampleId :

Tgt Ion: 91 Resp: 439540

Ion Ratio Lower Upper

91 100

106 31.1 21.6 40.2



#53

m,p-Xylene

Concen: 52.315 ug/L

RT: 9.688 min Scan# 2612

Delta R.T. 0.003 min

Lab File: VU061303.D

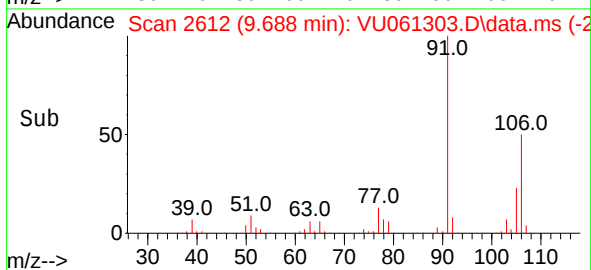
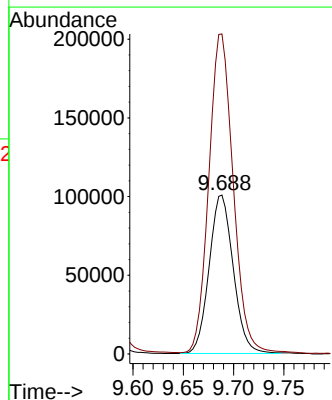
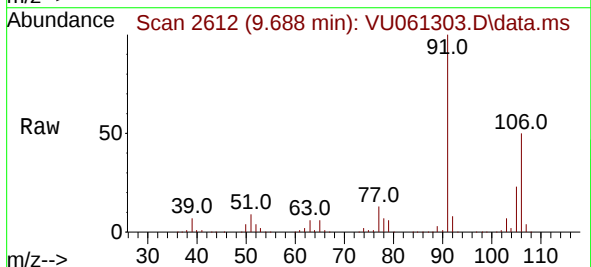
Acq: 30 Oct 2024 15:53

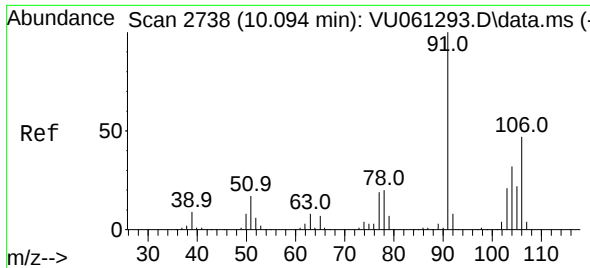
Tgt Ion:106 Resp: 168006

Ion Ratio Lower Upper

106 100

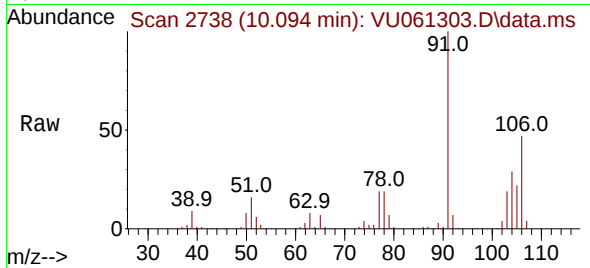
91 201.4 140.6 261.2



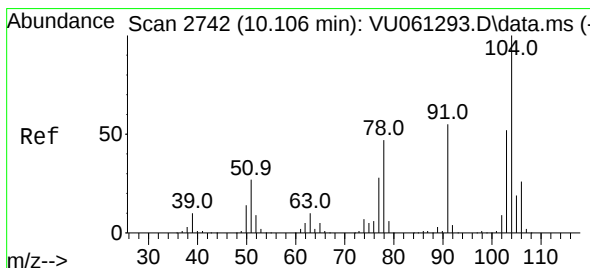
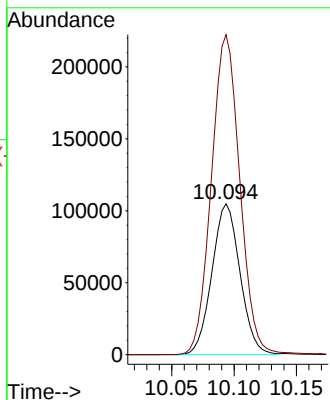
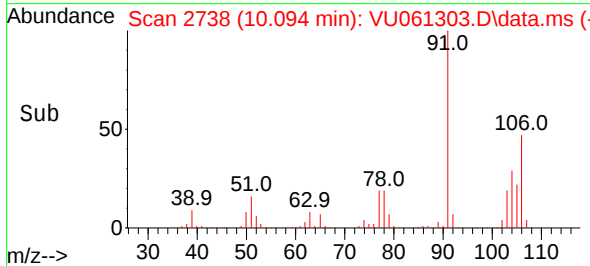


#54
o-Xylene
Concen: 51.600 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU061303.D
Acq: 30 Oct 2024 15:53

Instrument :
MSVOA_U
ClientSampleId :

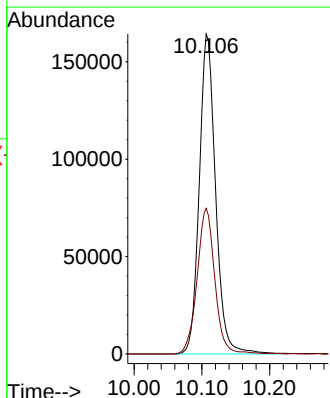
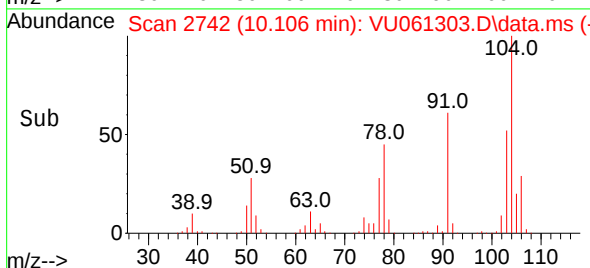
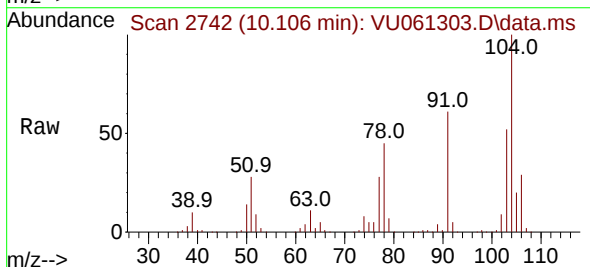


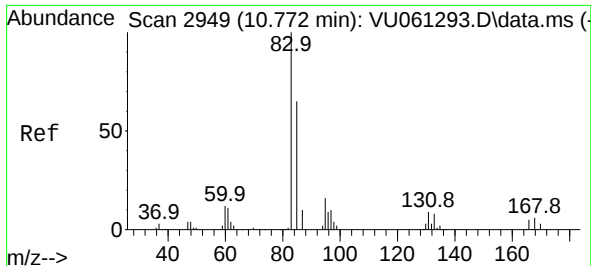
Tgt Ion:106 Resp: 164431
Ion Ratio Lower Upper
106 100
91 212.2 152.7 283.7



#55
Styrene
Concen: 53.040 ug/L
RT: 10.106 min Scan# 2742
Delta R.T. -0.000 min
Lab File: VU061303.D
Acq: 30 Oct 2024 15:53

Tgt Ion:104 Resp: 274939
Ion Ratio Lower Upper
104 100
78 45.5 32.0 59.4





#57

1,1,2,2-Tetrachloroethane

Concen: 50.202 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. -0.000 min

Lab File: VU061303.D

Acq: 30 Oct 2024 15:53

Instrument :

MSVOA_U

ClientSampleId :

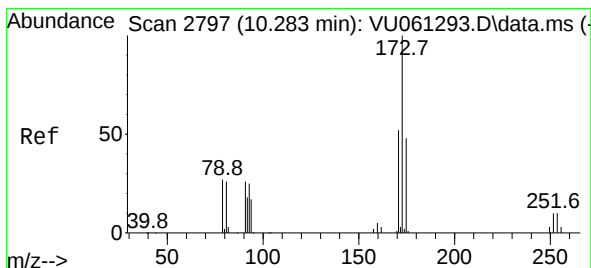
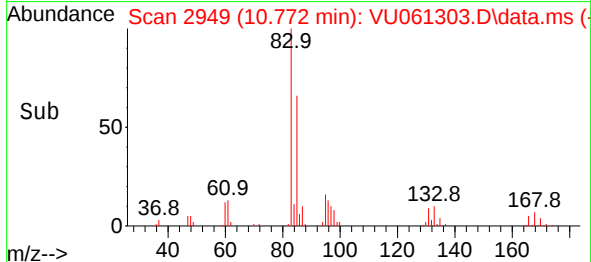
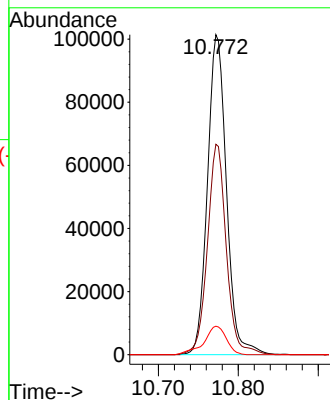
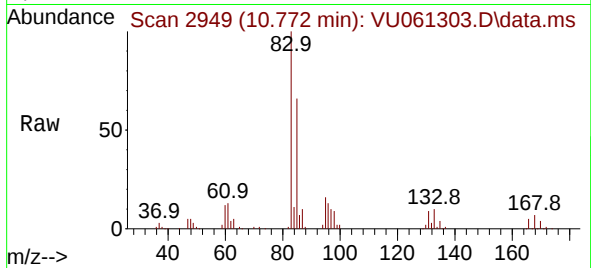
Tgt Ion: 83 Resp: 167737

Ion Ratio Lower Upper

83 100

85 65.8 45.3 84.1

131 8.9 7.5 11.3



#59

Bromoform

Concen: 48.711 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.000 min

Lab File: VU061303.D

Acq: 30 Oct 2024 15:53

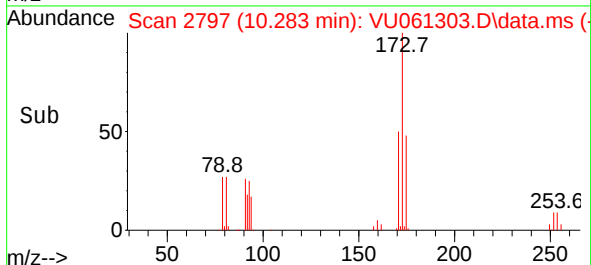
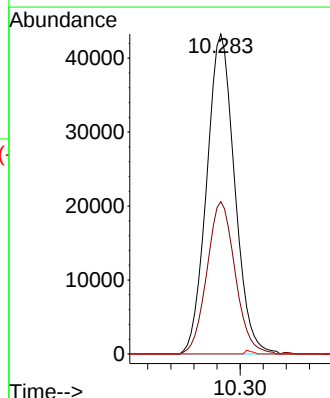
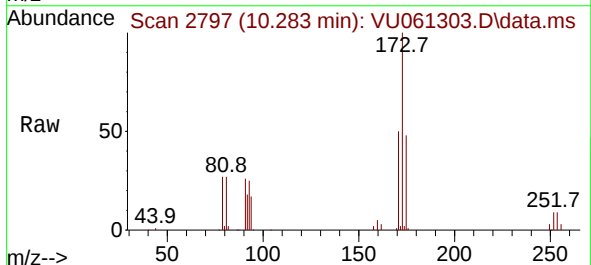
Tgt Ion:173 Resp: 72652

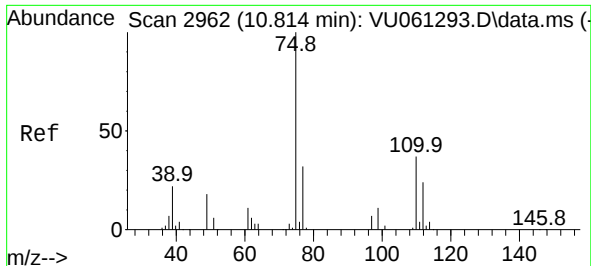
Ion Ratio Lower Upper

173 100

175 48.0 39.7 59.5

254 0.3 1.4 2.0#





#60

1,2,3-Trichloropropane

Concen: 47.385 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. -0.000 min

Lab File: VU061303.D

Acq: 30 Oct 2024 15:53

Instrument :

MSVOA_U

ClientSampleId :

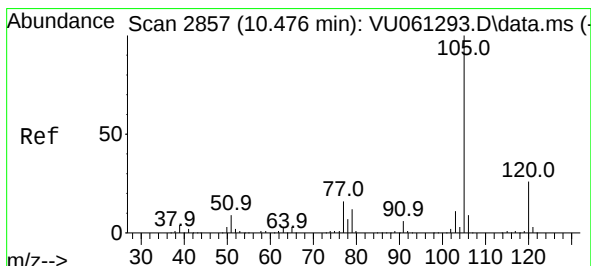
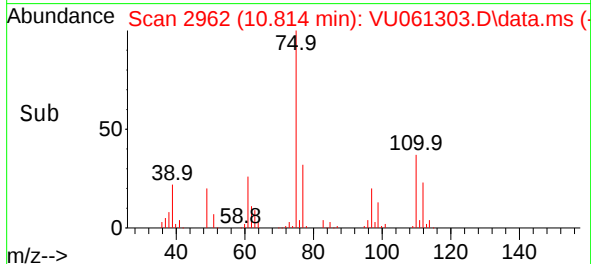
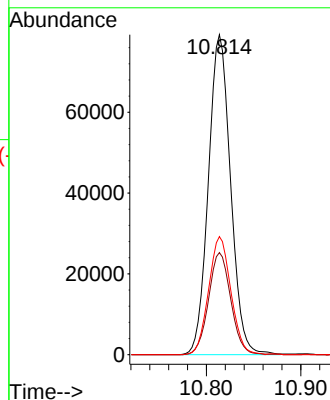
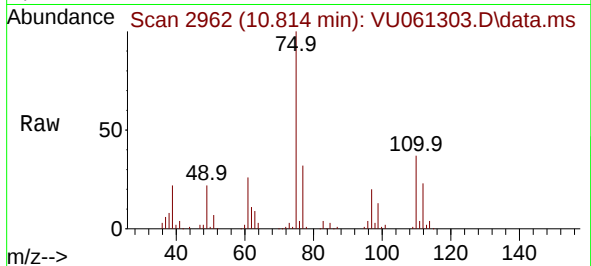
Tgt Ion: 75 Resp: 129378

Ion Ratio Lower Upper

75 100

77 32.0 25.5 38.3

110 37.0 29.8 44.6



#61

Isopropylbenzene

Concen: 51.155 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. -0.000 min

Lab File: VU061303.D

Acq: 30 Oct 2024 15:53

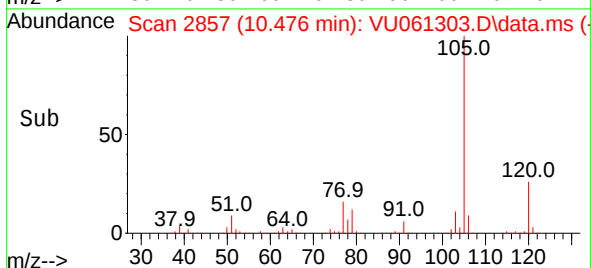
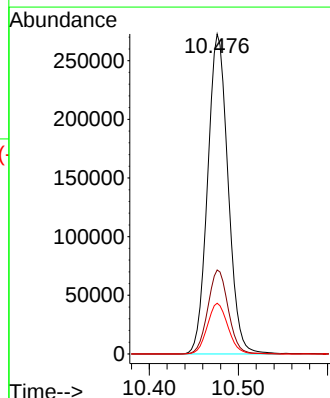
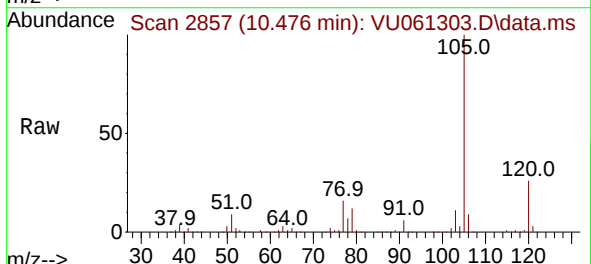
Tgt Ion:105 Resp: 433136

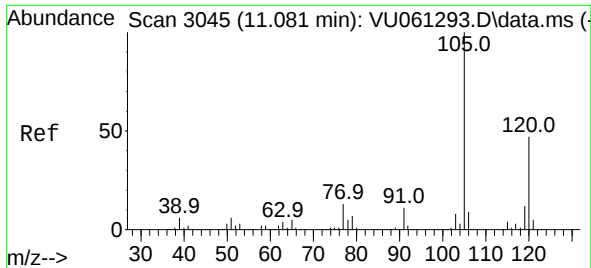
Ion Ratio Lower Upper

105 100

120 26.3 20.8 31.2

77 16.0 12.7 19.1





#62

1,3,5-Trimethylbenzene

Concen: 51.727 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. 0.000 min

Lab File: VU061303.D

Acq: 30 Oct 2024 15:53

Instrument :

MSVOA_U

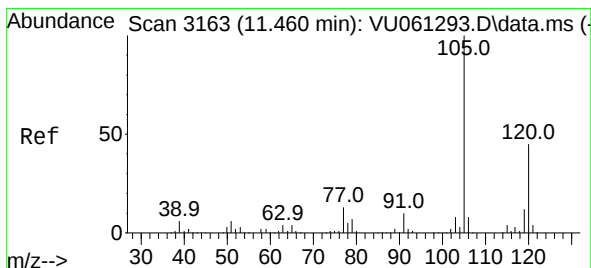
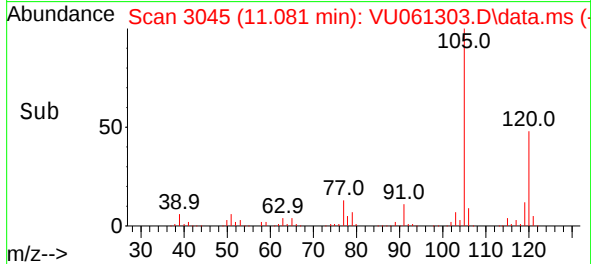
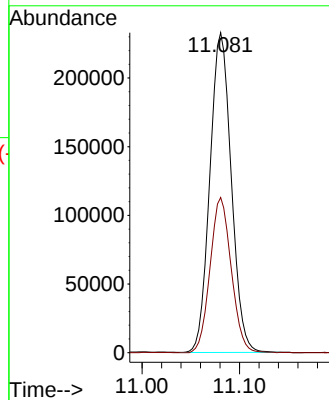
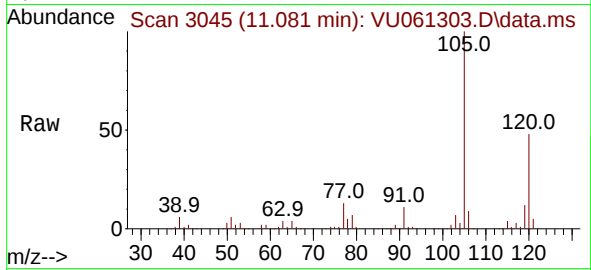
ClientSampleId :

Tgt Ion:105 Resp: 355566

Ion Ratio Lower Upper

105 100

120 48.0 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 52.311 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.000 min

Lab File: VU061303.D

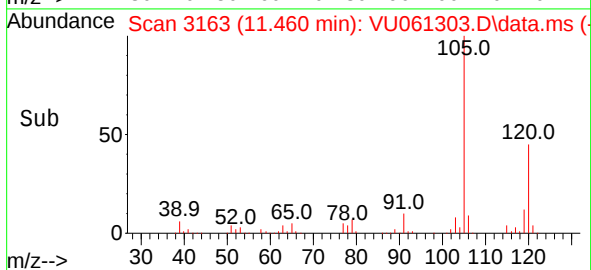
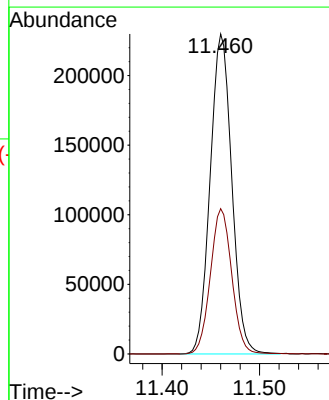
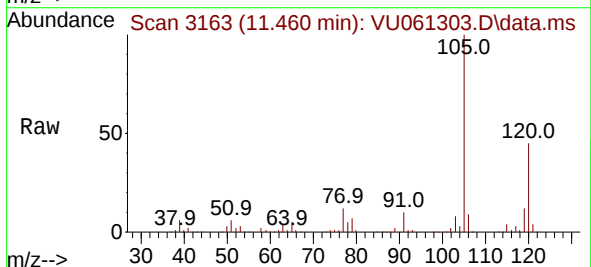
Acq: 30 Oct 2024 15:53

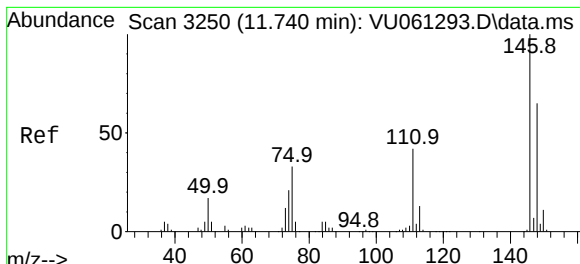
Tgt Ion:105 Resp: 354159

Ion Ratio Lower Upper

105 100

120 44.8 35.8 53.8





#64

1,3-Dichlorobenzene

Concen: 50.924 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. -0.000 min

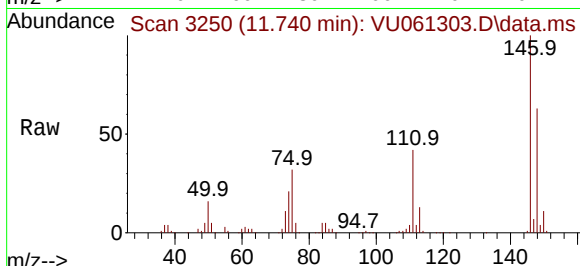
Lab File: VU061303.D

Acq: 30 Oct 2024 15:53

Instrument :

MSVOA_U

ClientSampleId :



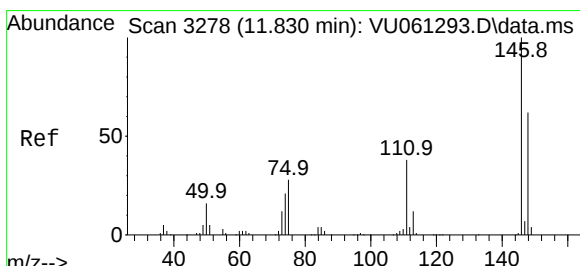
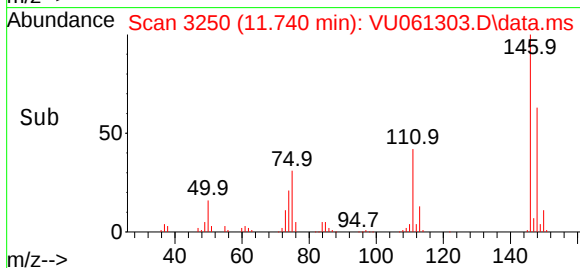
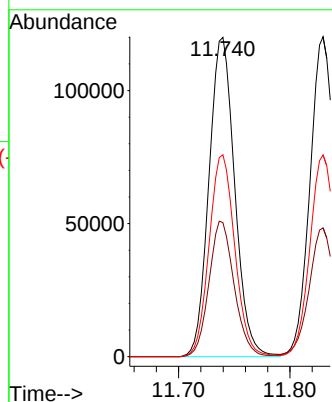
Tgt Ion:146 Resp: 192699

Ion Ratio Lower Upper

146 100

111 42.0 27.9 51.7

148 63.2 44.9 83.3



#65

1,4-Dichlorobenzene

Concen: 50.283 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. 0.000 min

Lab File: VU061303.D

Acq: 30 Oct 2024 15:53

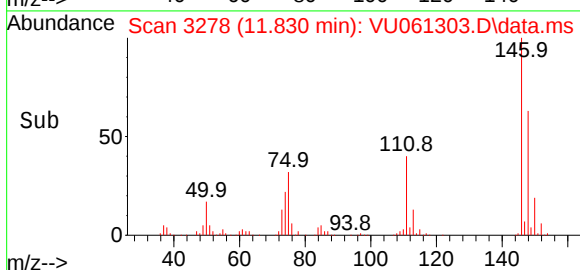
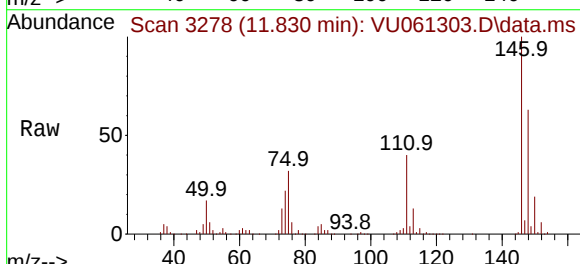
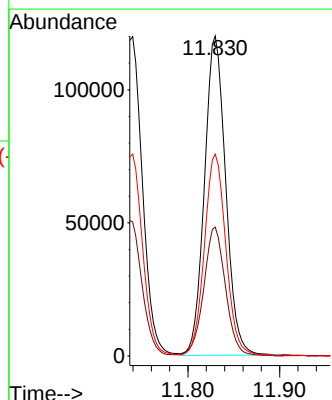
Tgt Ion:146 Resp: 193336

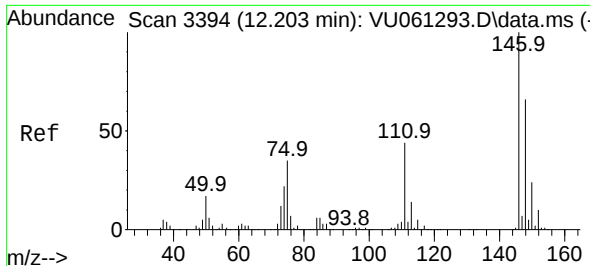
Ion Ratio Lower Upper

146 100

111 40.2 27.9 51.7

148 67.3 44.9 83.3





#67

1,2-Dichlorobenzene

Concen: 49.408 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. -0.000 min

Lab File: VU061303.D

Acq: 30 Oct 2024 15:53

Instrument :

MSVOA_U

ClientSampleId :

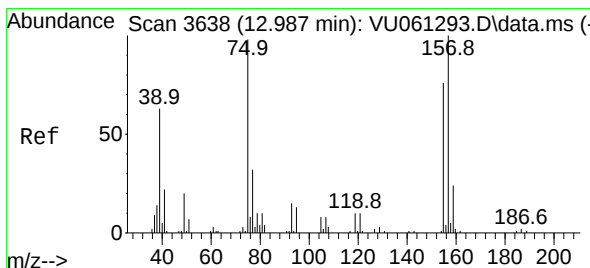
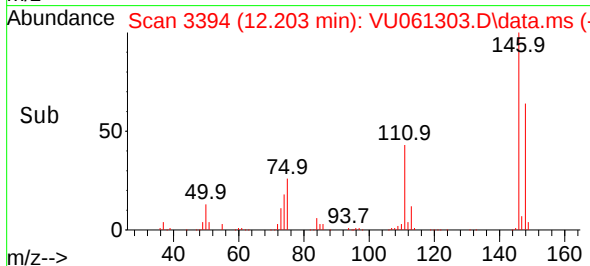
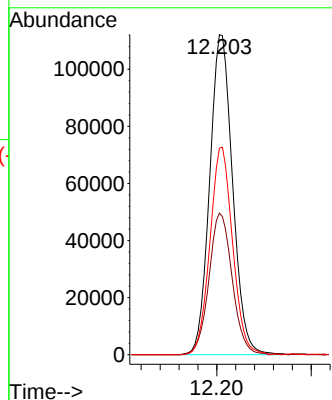
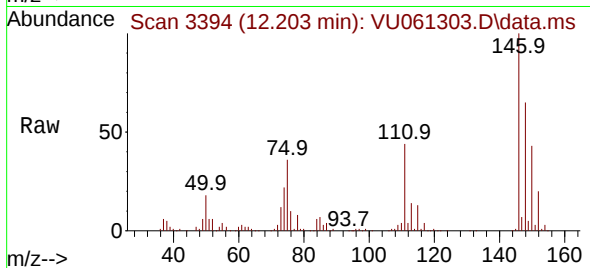
Tgt Ion:146 Resp: 188597

Ion Ratio Lower Upper

146 100

111 41.4 35.6 53.4

148 65.1 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 47.501 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.000 min

Lab File: VU061303.D

Acq: 30 Oct 2024 15:53

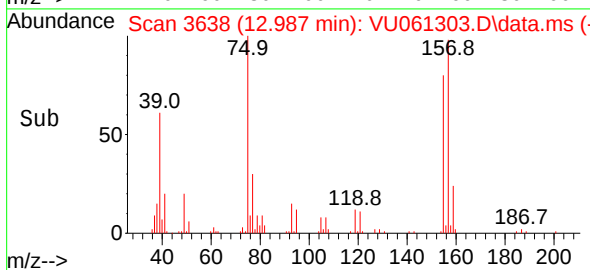
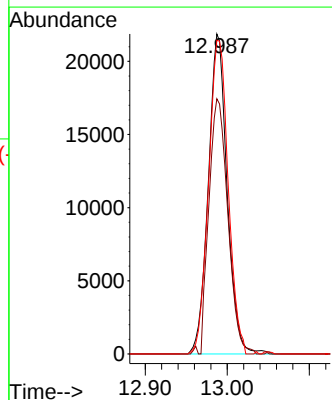
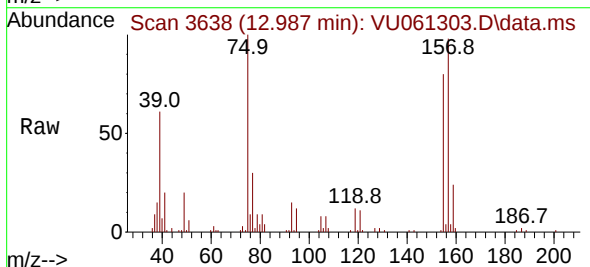
Tgt Ion: 75 Resp: 34943

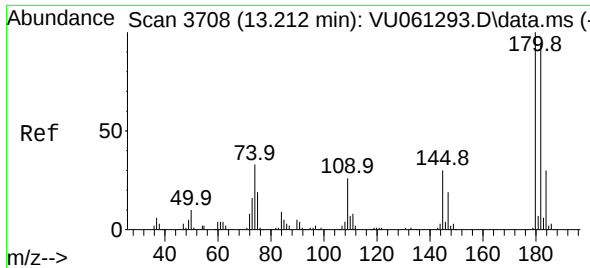
Ion Ratio Lower Upper

75 100

155 83.7 66.6 100.0

157 102.5 87.1 130.7





#69

1,3,5-Trichlorobenzene

Concen: 52.115 ug/L

RT: 13.212 min Scan# 3708

Delta R.T. -0.000 min

Lab File: VU061303.D

Acq: 30 Oct 2024 15:53

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 132168

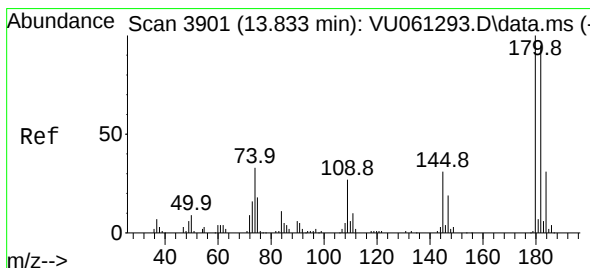
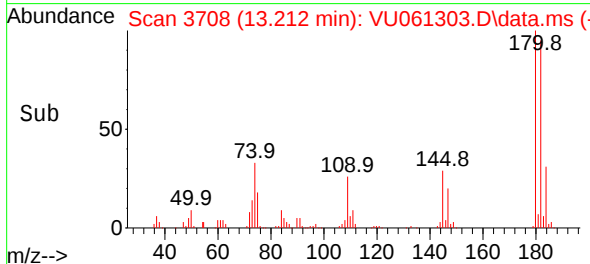
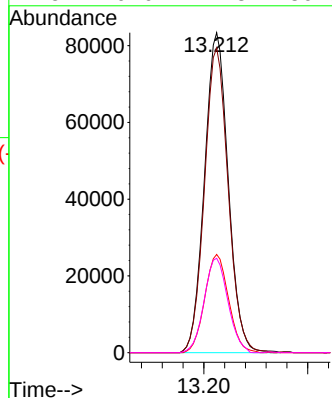
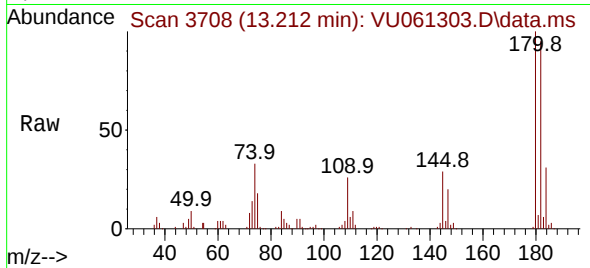
Ion Ratio Lower Upper

180 100

182 95.1 75.3 112.9

184 30.8 23.7 35.5

145 29.6 24.3 36.5



#70

1,2,4-trichlorobenzene

Concen: 51.001 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.000 min

Lab File: VU061303.D

Acq: 30 Oct 2024 15:53

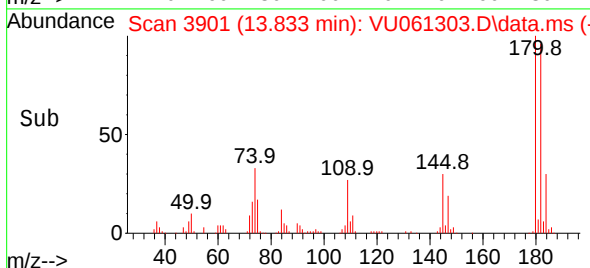
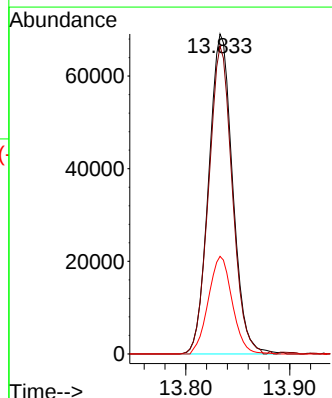
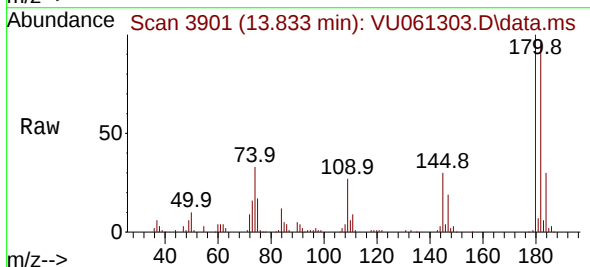
Tgt Ion:180 Resp: 110619

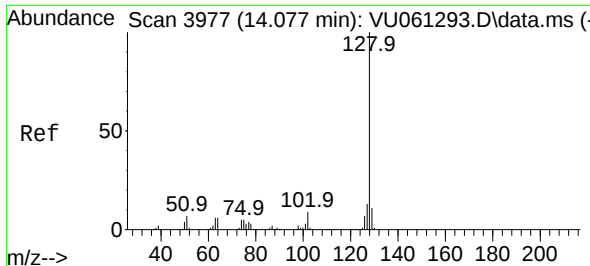
Ion Ratio Lower Upper

180 100

182 94.4 76.0 114.0

145 30.4 25.0 37.4

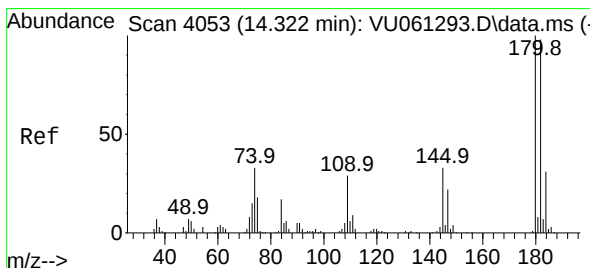
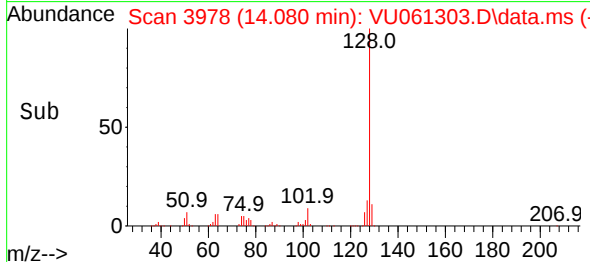
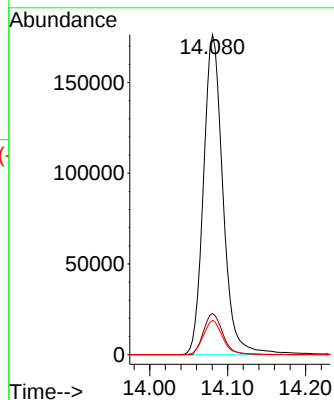
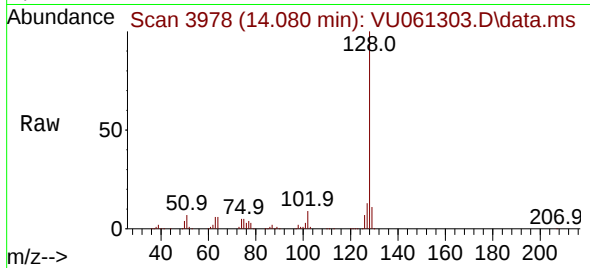




#71
Naphthalene
Concen: 43.797 ug/L
RT: 14.080 min Scan# 3977
Delta R.T. 0.003 min
Lab File: VU061303.D
Acq: 30 Oct 2024 15:53

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 305061
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.7 8.3 12.5



#72
1,2,3-Trichlorobenzene
Concen: 46.566 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU061303.D
Acq: 30 Oct 2024 15:53

Tgt Ion:180 Resp: 98640
Ion Ratio Lower Upper
180 100
182 95.5 76.7 115.1
145 32.7 25.6 38.4

