

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110724\
 Data File : VU061534.D
 Acq On : 07 Nov 2024 20:47
 Operator : MD/SY
 Sample : P4743-05MSD
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 08 00:33:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 08 00:26:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	154163	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	147405	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	71617	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	45250	4.321	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.400%
7) Chloroethane-d5	1.911	69	42860	4.464	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.200%
11) 1,1-Dichloroethene-d2	2.560	65	21971	4.904	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.000%
20) 2-Butanone-d5	4.624	46	121138	56.974	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.940%
24) Chloroform-d	5.055	84	106050	5.335	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.800%
26) 1,2-Dichloroethane-d4	5.692	65	52947	5.344	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.800%
32) Benzene-d6	5.718	84	212318	5.112	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.200%
36) 1,2-Dichloropropane-d6	6.682	67	64309	5.150	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.000%
41) Toluene-d8	7.891	98	197070	5.074	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.400%
43) trans-1,3-Dichloroprop...	8.174	79	22927	4.498	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.000%
46) 2-Hexanone-d5	8.624	63	114148	54.677	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.360%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	53350	5.650	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.000%
66) 1,2-Dichlorobenzene-d4	12.184	152	65865	5.194	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	43464	4.229	ug/L	99
3) Chloromethane	1.518	50	48425	4.468	ug/L	97
5) Vinyl chloride	1.599	62	97592	8.190	ug/L #	64
6) Bromomethane	1.853	94	28740	3.640	ug/L	99
8) Chloroethane	1.930	64	45064	5.136	ug/L	88
9) Trichlorofluoromethane	2.133	101	81133	5.013	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	44538	4.634	ug/L	97
12) 1,1-Dichloroethene	2.573	96	48673	5.340	ug/L	93
13) Acetone	2.647	43	104659	77.717	ug/L	99
14) Carbon disulfide	2.788	76	129544	4.260	ug/L	99
15) Methyl Acetate	2.956	43	17570	5.269	ug/L	98
16) Methylene chloride	3.039	84	57110	5.317	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	135179	5.472	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	143212	14.210	ug/L	95
19) 1,1-Dichloroethane	3.859	63	102819	5.409	ug/L	98
21) 2-Butanone	4.708	43	124991	58.547	ug/L	98
22) cis-1,2-Dichloroethene	4.653	96	1206298	104.785	ug/L	99
23) Bromochloromethane	4.965	128	28615	5.907	ug/L	97
25) Chloroform	5.078	83	110461	5.527	ug/L	100

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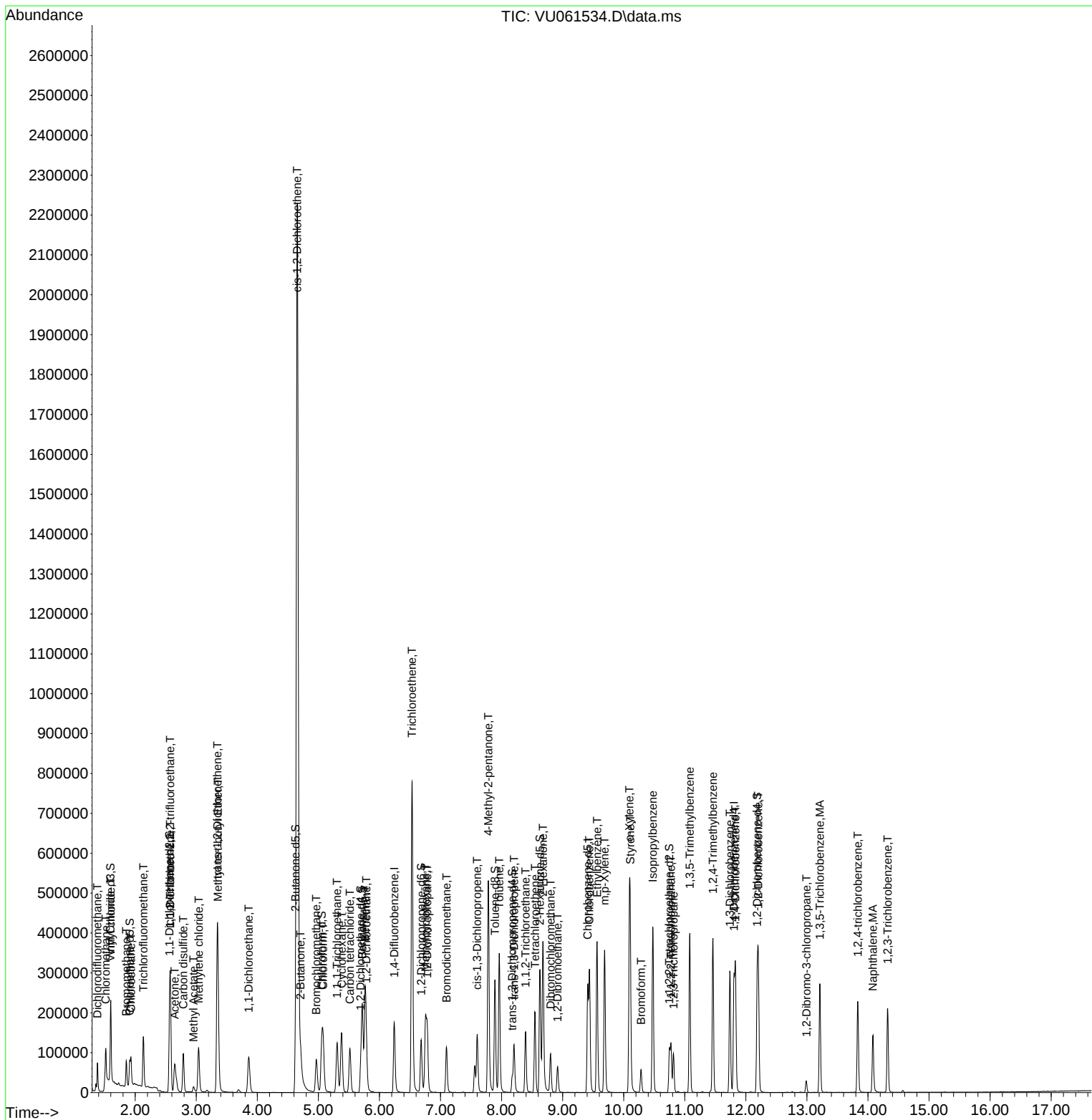
Instrument :
 MSVOA_U
 ClientSampleId :

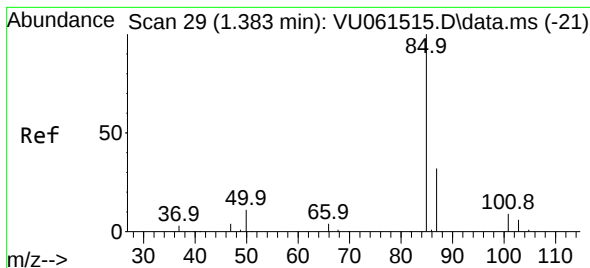
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	69701	5.519	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	90911	5.036	ug/L	99
30) Cyclohexane	5.380	56	76282	4.213	ug/L	98
31) Carbon tetrachloride	5.515	117	74698	4.836	ug/L	97
33) Benzene	5.766	78	243519	5.342	ug/L	100
34) Trichloroethene	6.531	95	267178	21.545	ug/L	99
35) Methylcyclohexane	6.753	83	77495	3.926	ug/L	99
37) 1,2-Dichloropropane	6.782	63	64519	5.584	ug/L	100
38) Bromodichloromethane	7.097	83	75743	5.179	ug/L	96
39) cis-1,3-Dichloropropene	7.599	75	90321	5.061	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	330269	57.428	ug/L	99
42) Toluene	7.962	91	261778	5.288	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	70764	4.866	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	48531	5.836	ug/L	98
47) Tetrachloroethene	8.547	164	43043	4.970	ug/L	97
48) 2-Hexanone	8.676	43	234042	57.550	ug/L	97
49) Dibromochloromethane	8.801	129	49600	5.259	ug/L	100
50) 1,2-Dibromoethane	8.917	107	44888	5.556	ug/L	96
51) Chlorobenzene	9.438	112	167170	5.342	ug/L	99
52) Ethylbenzene	9.563	91	281995	5.179	ug/L	99
53) m,p-Xylene	9.685	106	107221	5.168	ug/L	94
54) o-Xylene	10.094	106	105651	5.160	ug/L	99
55) Styrene	10.107	104	168021	5.119	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.772	83	59609	5.949	ug/L	100
59) Bromoform	10.283	173	25863	4.879	ug/L	99
60) Isopropylbenzene	10.476	105	277577	5.074	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	41495	5.816	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	216344	4.857	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	214504	4.872	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	123574	5.367	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	121268	5.166	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	119853	5.531	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	7348	4.905	ug/L	88
69) 1,3,5-Trichlorobenzene	13.213	180	84156	5.332	ug/L	97
70) 1,2,4-trichlorobenzene	13.833	180	71814	5.638	ug/L	97
71) Naphthalene	14.081	128	122691	6.104	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	63694	5.977	ug/L	98

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

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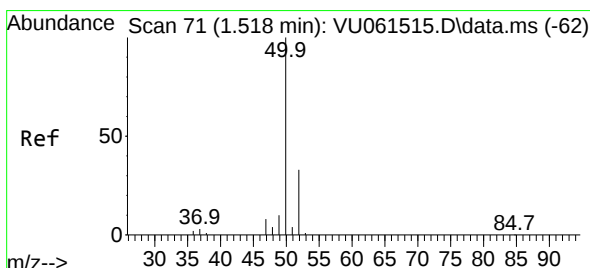
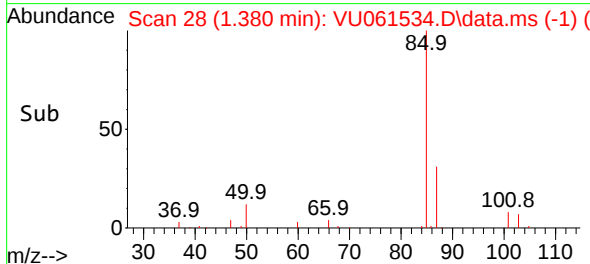
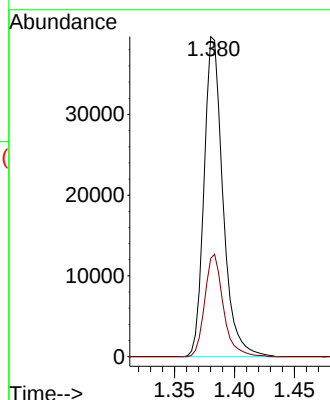
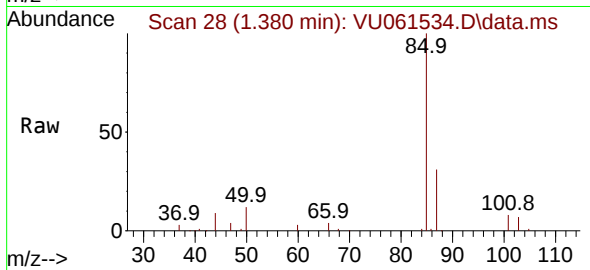




#2
Dichlorodifluoromethane
Concen: 4.229 ug/L
RT: 1.380 min Scan# 29
Delta R.T. -0.003 min
Lab File: VU061534.D
Acq: 07 Nov 2024 20:47

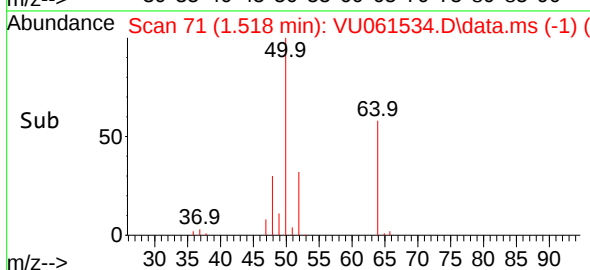
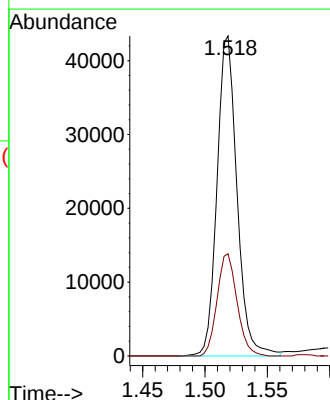
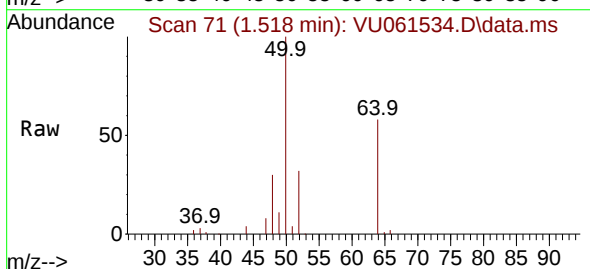
Instrument :
MSVOA_U
ClientSampleId :

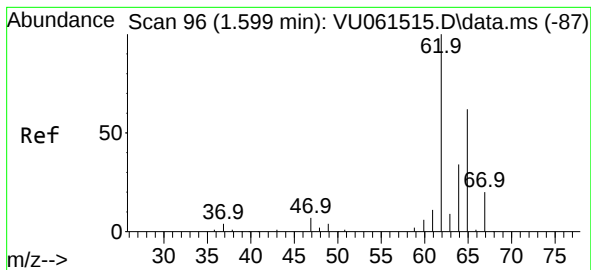
Tgt Ion: 85 Resp: 43464
Ion Ratio Lower Upper
85 100
87 31.5 25.7 38.5



#3
Chloromethane
Concen: 4.468 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU061534.D
Acq: 07 Nov 2024 20:47

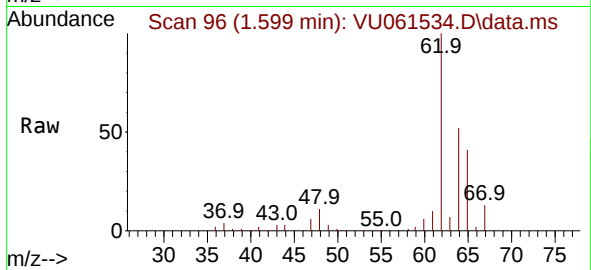
Tgt Ion: 50 Resp: 48425
Ion Ratio Lower Upper
50 100
52 31.9 23.4 43.4



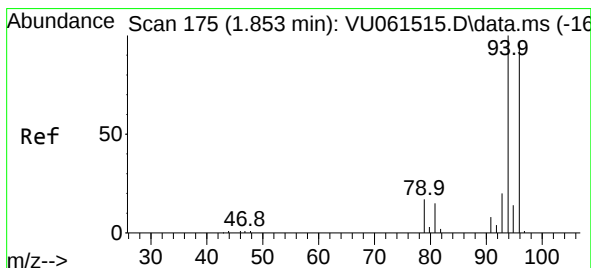
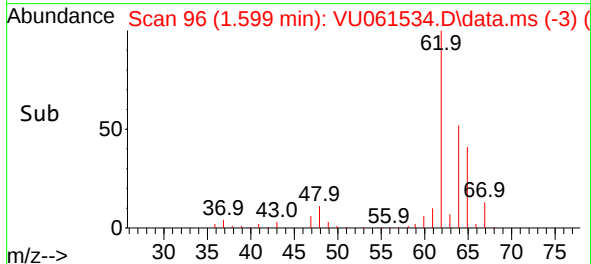
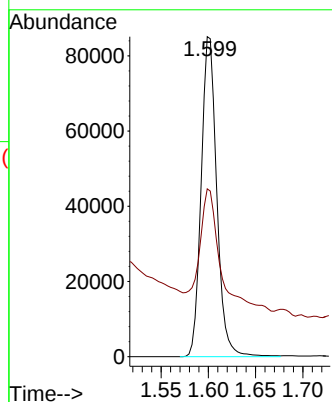


#5
 Vinyl chloride
 Concen: 8.190 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. 0.000 min
 Lab File: VU061534.D
 Acq: 07 Nov 2024 20:47

Instrument :
 MSVOA_U
 ClientSampleId :

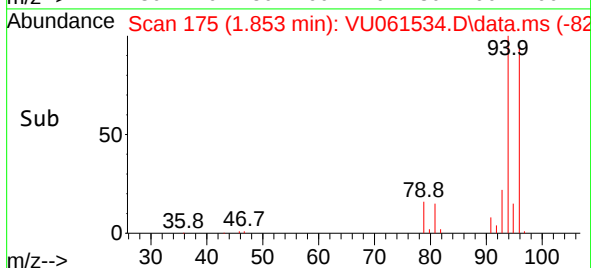
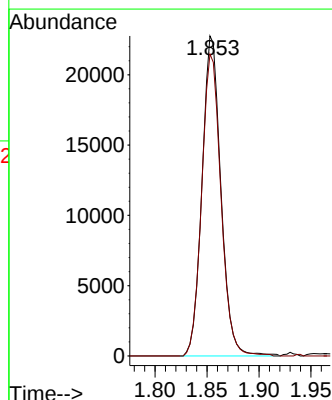
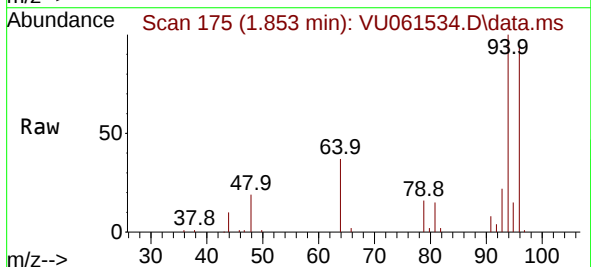


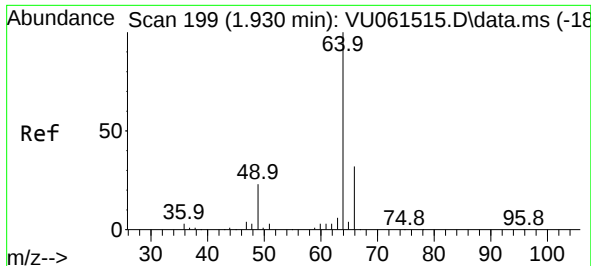
Tgt Ion: 62 Resp: 97592
 Ion Ratio Lower Upper
 62 100
 64 52.5 22.6 42.0#



#6
 Bromomethane
 Concen: 3.640 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. 0.000 min
 Lab File: VU061534.D
 Acq: 07 Nov 2024 20:47

Tgt Ion: 94 Resp: 28740
 Ion Ratio Lower Upper
 94 100
 96 94.3 66.9 124.3





#8

Chloroethane

Concen: 5.136 ug/L

RT: 1.930 min Scan# 199

Delta R.T. 0.000 min

Lab File: VU061534.D

Acq: 07 Nov 2024 20:47

Instrument :

MSVOA_U

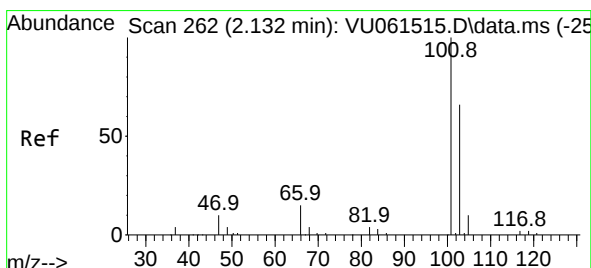
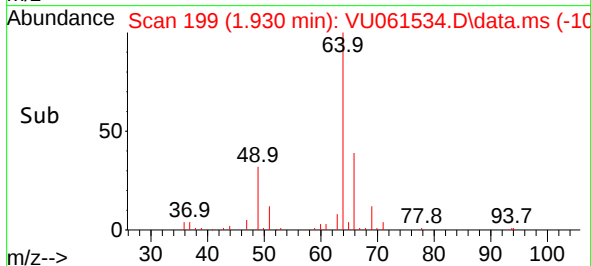
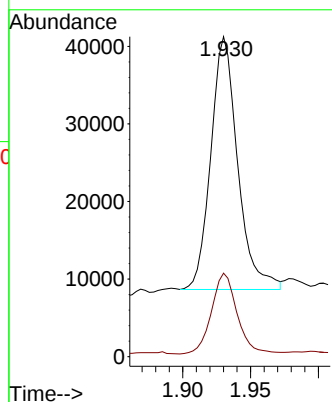
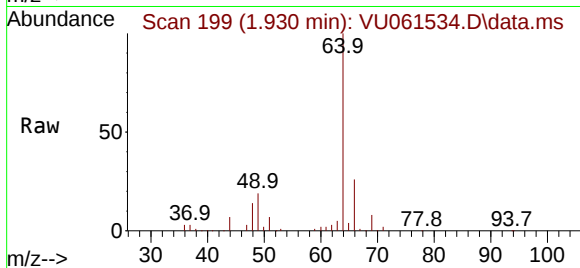
ClientSampleId :

Tgt Ion: 64 Resp: 45064

Ion Ratio Lower Upper

64 100

66 26.1 23.1 42.9



#9

Trichlorofluoromethane

Concen: 5.013 ug/L

RT: 2.133 min Scan# 262

Delta R.T. 0.000 min

Lab File: VU061534.D

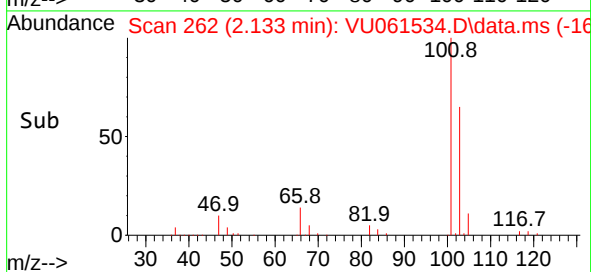
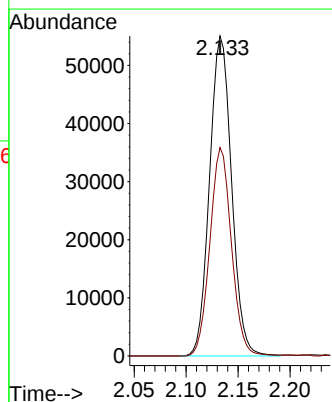
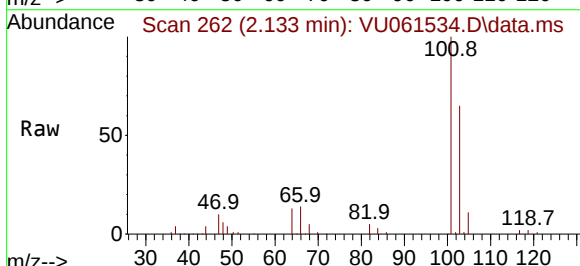
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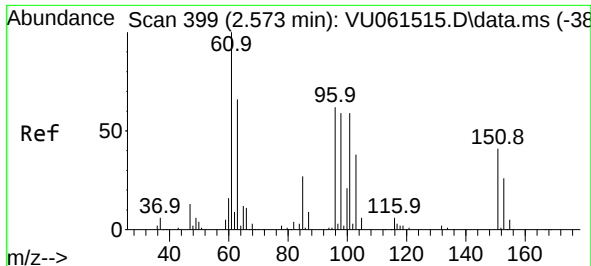
Tgt Ion:101 Resp: 81133

Ion Ratio Lower Upper

101 100

103 63.7 50.6 75.8

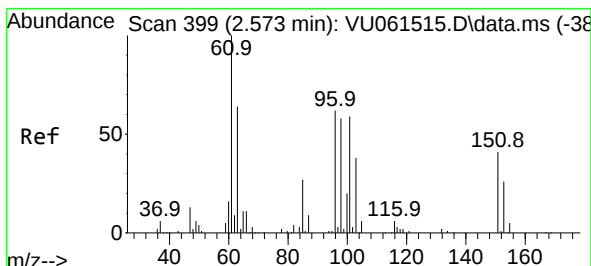
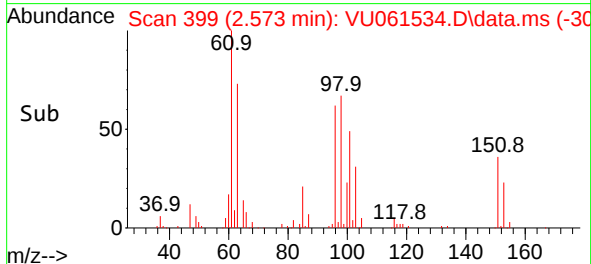
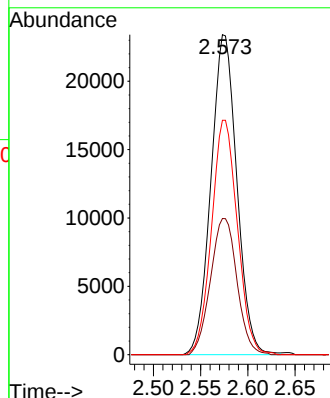
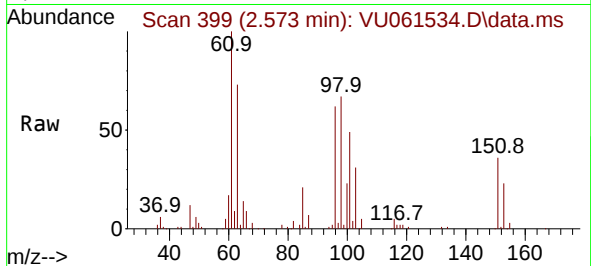




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.634 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU061534.D
 Acq: 07 Nov 2024 20:47

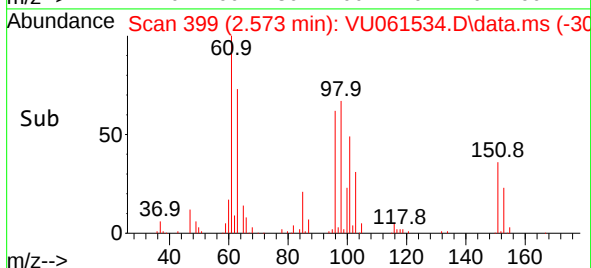
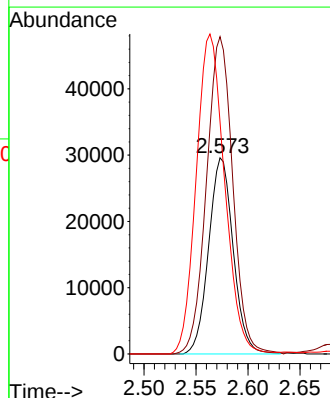
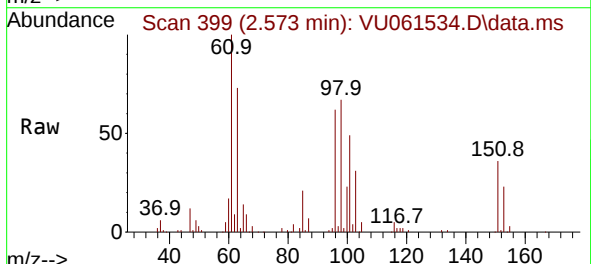
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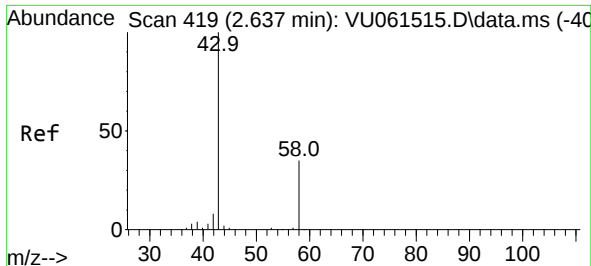
Tgt Ion:	101	Resp:	44538
Ion	Ratio	Lower	Upper
101	100		
85	43.5	35.6	53.4
151	73.1	55.9	83.9



#12
 1,1-Dichloroethene
 Concen: 5.340 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU061534.D
 Acq: 07 Nov 2024 20:47

Tgt Ion:	96	Resp:	48673
Ion	Ratio	Lower	Upper
96	100		
61	161.8	119.1	221.1
63	118.3	89.4	166.0





#13

Acetone

Concen: 77.717 ug/L

RT: 2.647 min Scan# 419

Delta R.T. 0.010 min

Lab File: VU061534.D

Acq: 07 Nov 2024 20:47

Instrument :

MSVOA_U

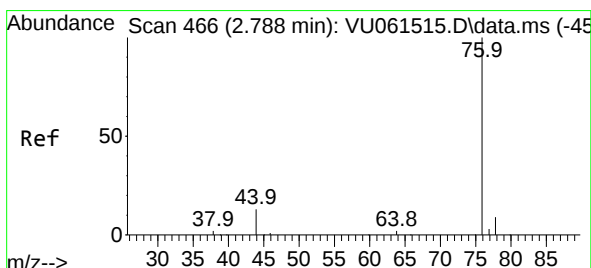
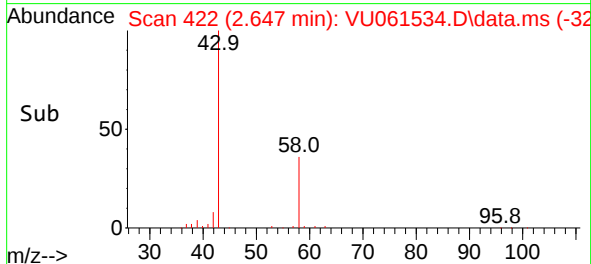
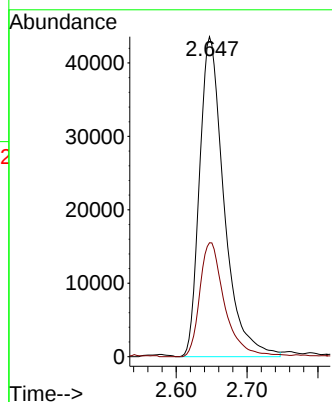
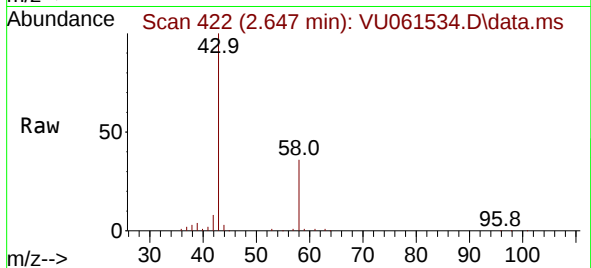
ClientSampleId :

Tgt Ion: 43 Resp: 104659

Ion Ratio Lower Upper

43 100

58 36.2 0.0 73.2



#14

Carbon disulfide

Concen: 4.260 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU061534.D

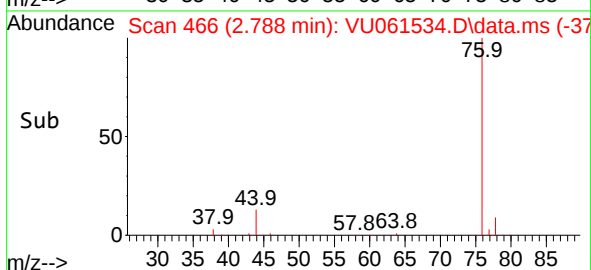
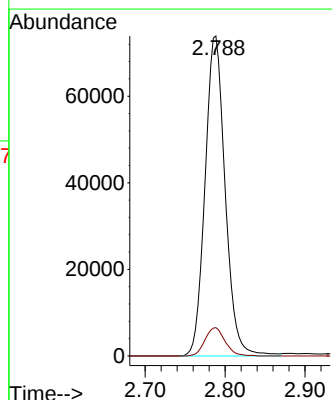
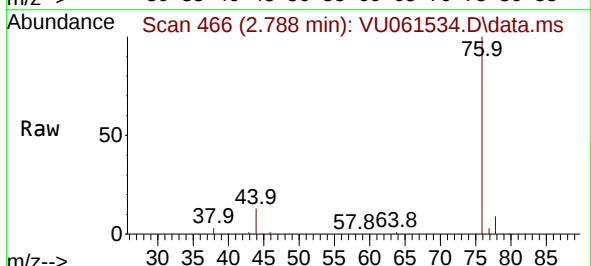
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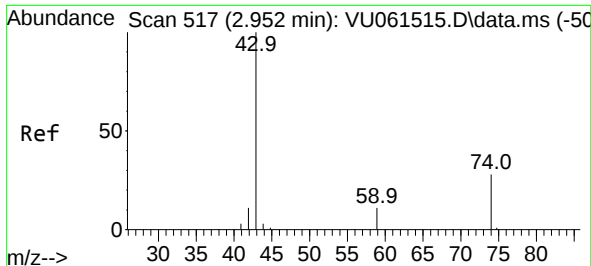
Tgt Ion: 76 Resp: 129544

Ion Ratio Lower Upper

76 100

78 8.8 7.4 11.2

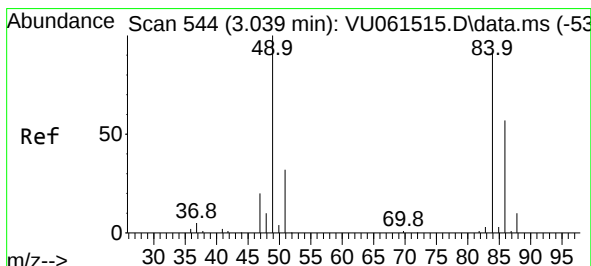
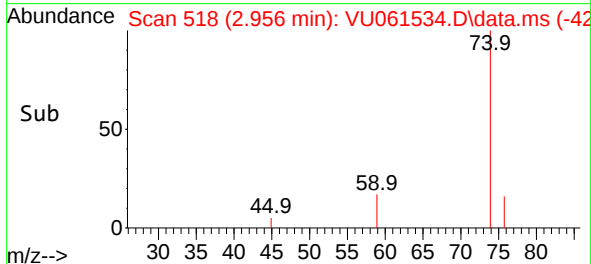
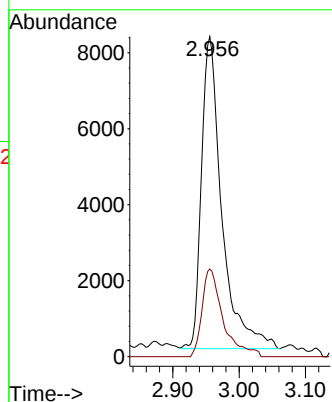
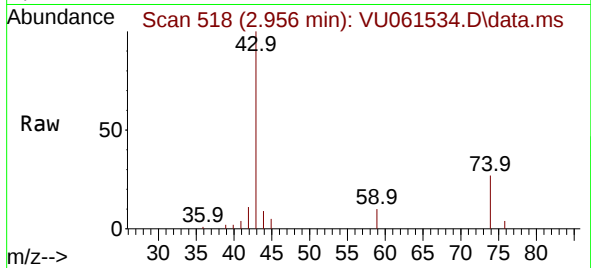




#15
Methyl Acetate
Concen: 5.269 ug/L
RT: 2.956 min Scan# 517
Delta R.T. 0.003 min
Lab File: VU061534.D
Acq: 07 Nov 2024 20:47

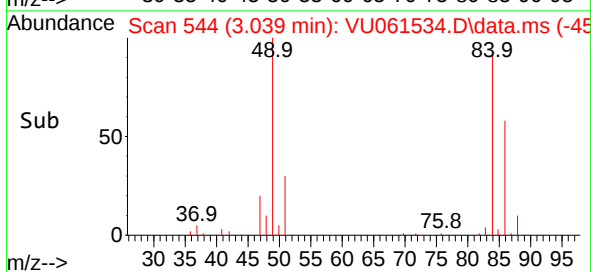
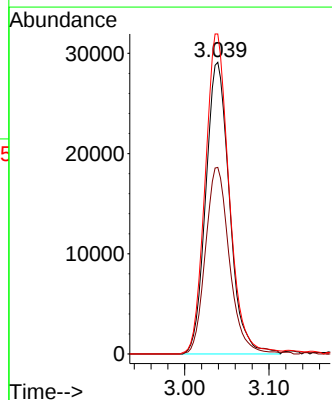
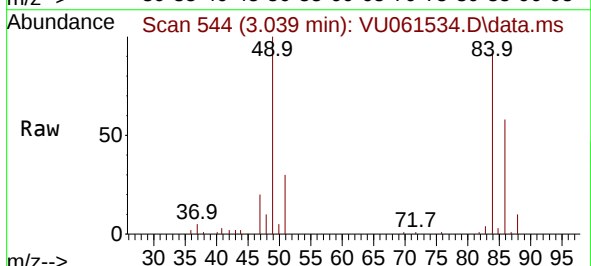
Instrument :
MSVOA_U
ClientSampleId :

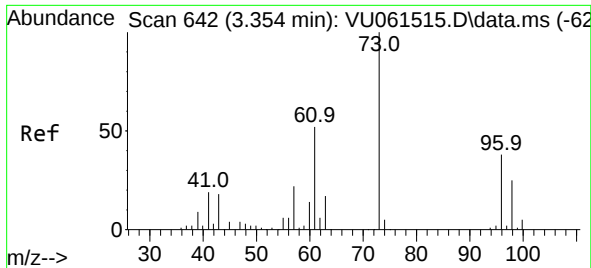
Tgt Ion: 43 Resp: 17570
Ion Ratio Lower Upper
43 100
74 28.7 22.2 33.4



#16
Methylene chloride
Concen: 5.317 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU061534.D
Acq: 07 Nov 2024 20:47

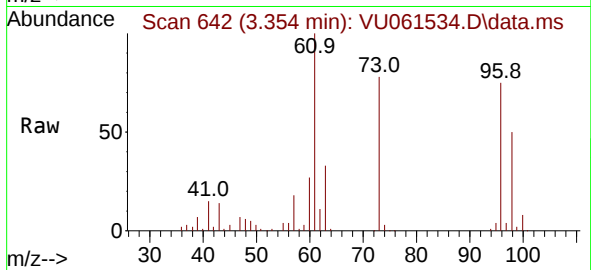
Tgt Ion: 84 Resp: 57110
Ion Ratio Lower Upper
84 100
86 64.0 43.5 80.7
49 109.7 75.7 140.7



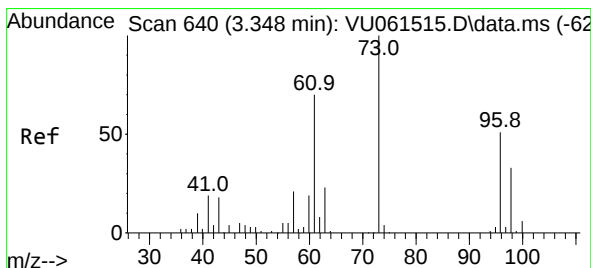
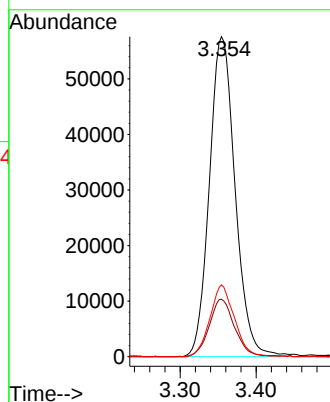
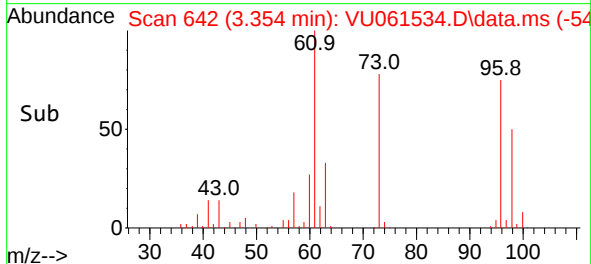


#17
Methyl tert-butyl Ether
Concen: 5.472 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU061534.D
Acq: 07 Nov 2024 20:47

Instrument :
MSVOA_U
ClientSampleId :

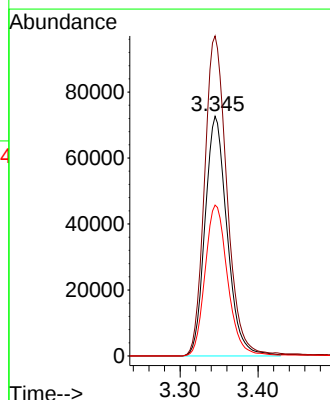
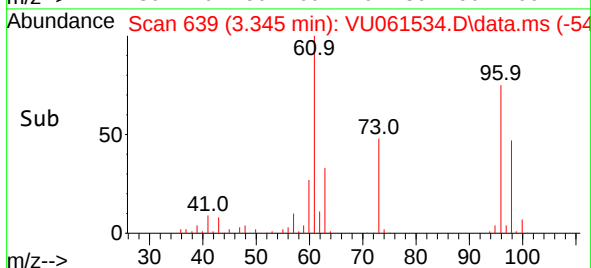
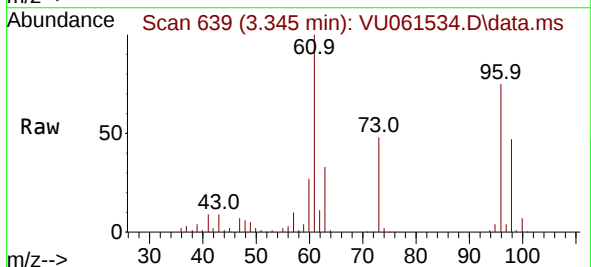


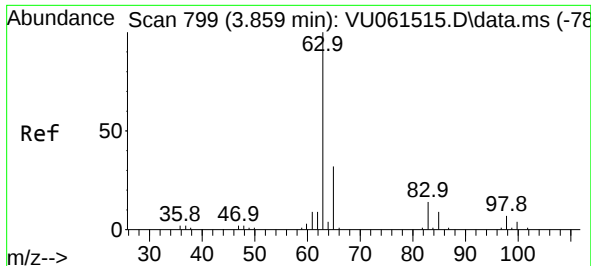
Tgt Ion: 73	Resp: 135179
Ion Ratio	Lower Upper
73 100	
43 17.8	15.0 22.4
57 21.4	17.0 25.6



#18
trans-1,2-Dichloroethene
Concen: 14.210 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU061534.D
Acq: 07 Nov 2024 20:47

Tgt Ion: 96	Resp: 143212
Ion Ratio	Lower Upper
96 100	
61 133.5	97.9 181.7
98 63.0	46.2 85.8

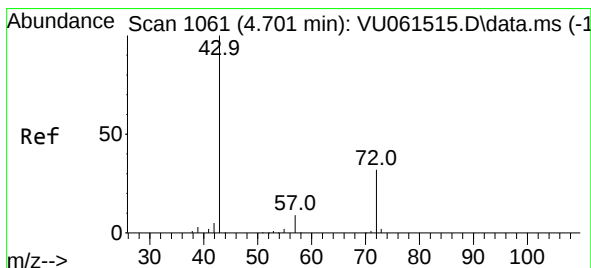
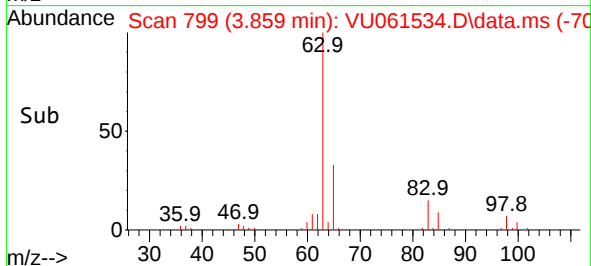
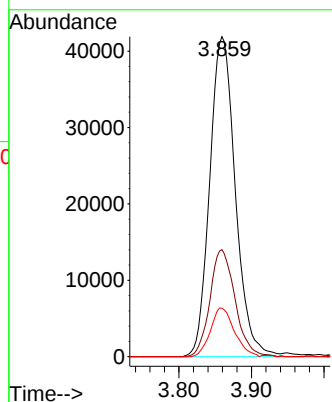
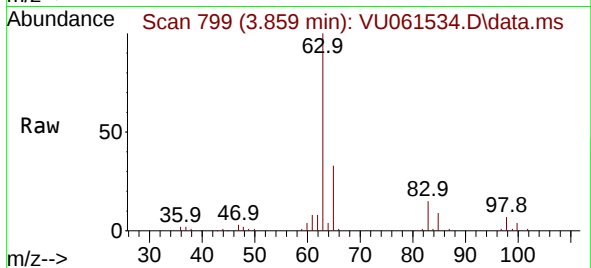




#19
1,1-Dichloroethane
Concen: 5.409 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU061534.D
Acq: 07 Nov 2024 20:47

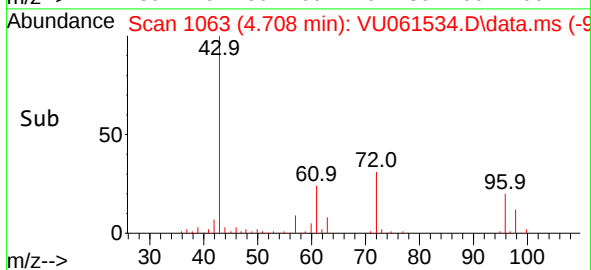
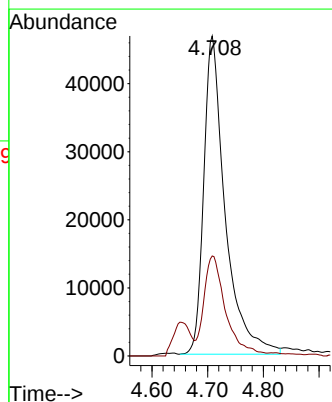
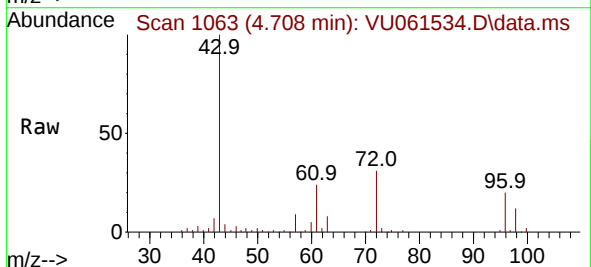
Instrument :
MSVOA_U
ClientSampleId :

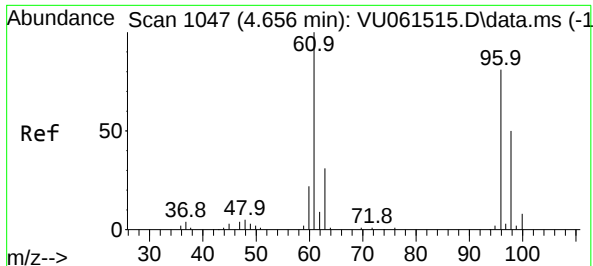
Tgt Ion: 63 Resp: 102819
Ion Ratio Lower Upper
63 100
65 33.5 23.0 42.6
83 15.1 9.7 17.9



#21
2-Butanone
Concen: 58.547 ug/L
RT: 4.708 min Scan# 1063
Delta R.T. 0.007 min
Lab File: VU061534.D
Acq: 07 Nov 2024 20:47

Tgt Ion: 43 Resp: 124991
Ion Ratio Lower Upper
43 100
72 30.5 15.9 47.6

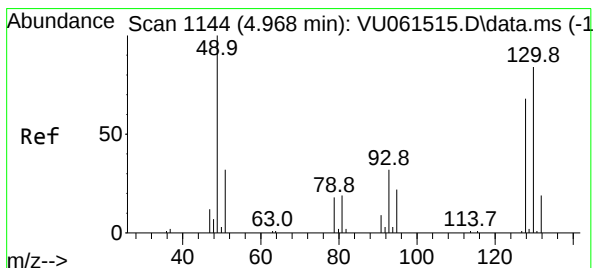
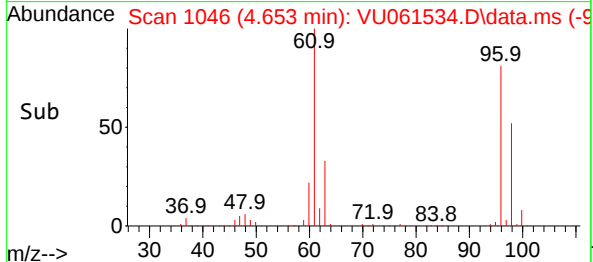
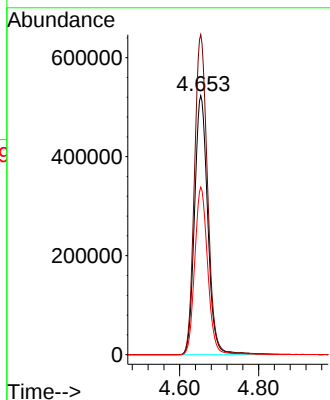
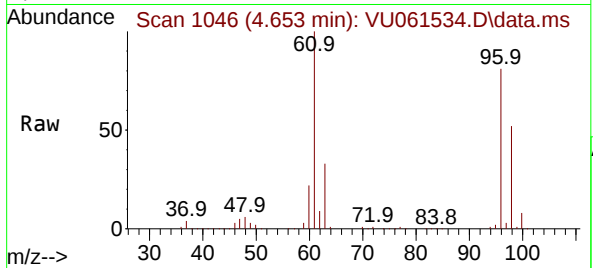




#22
 cis-1,2-Dichloroethene
 Concen: 104.785 ug/L
 RT: 4.653 min Scan# 1046
 Delta R.T. -0.003 min
 Lab File: VU061534.D
 Acq: 07 Nov 2024 20:47

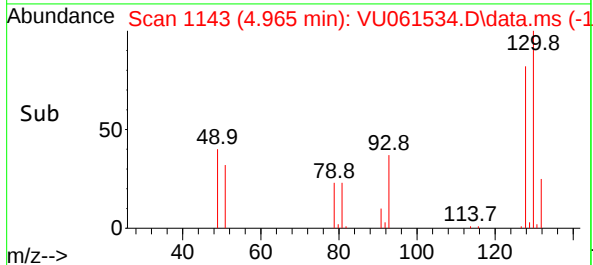
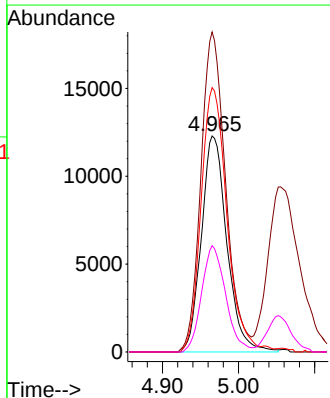
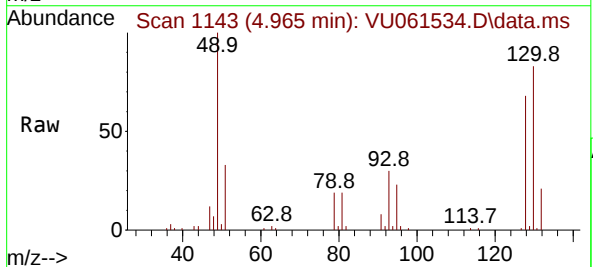
Instrument :
 MSVOA_U
 ClientSampleId :

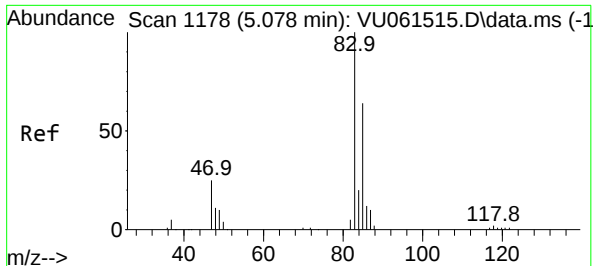
Tgt Ion: 96 Resp: 1206298
 Ion Ratio Lower Upper
 96 100
 61 123.5 88.1 163.5
 98 64.6 45.0 83.6



#23
 Bromochloromethane
 Concen: 5.907 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. -0.003 min
 Lab File: VU061534.D
 Acq: 07 Nov 2024 20:47

Tgt Ion: 128 Resp: 28615
 Ion Ratio Lower Upper
 128 100
 49 148.1 105.1 195.1
 130 122.4 89.6 166.4
 51 49.2 38.7 58.1





#25

Chloroform

Concen: 5.527 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU061534.D

Acq: 07 Nov 2024 20:47

Instrument :

MSVOA_U

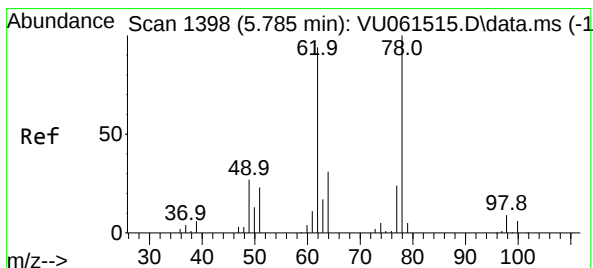
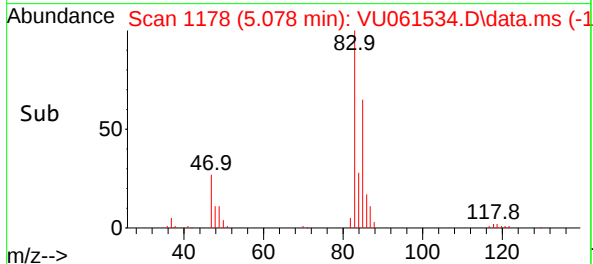
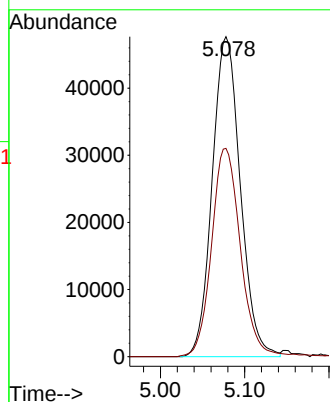
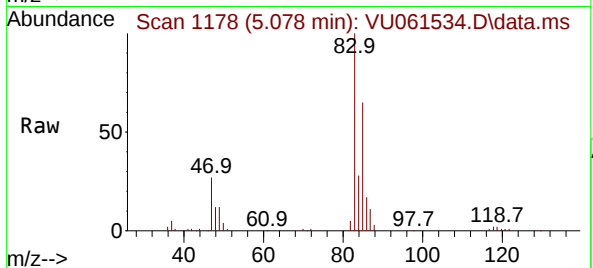
ClientSampleId :

Tgt Ion: 83 Resp: 110461

Ion Ratio Lower Upper

83 100

85 65.1 45.6 84.6



#27

1,2-Dichloroethane

Concen: 5.519 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VU061534.D

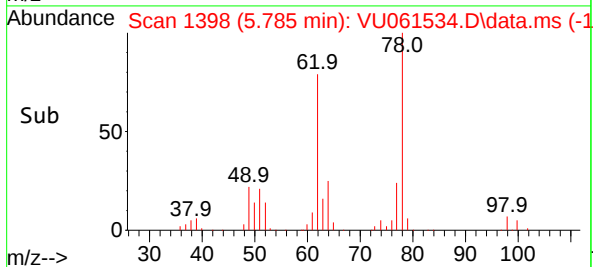
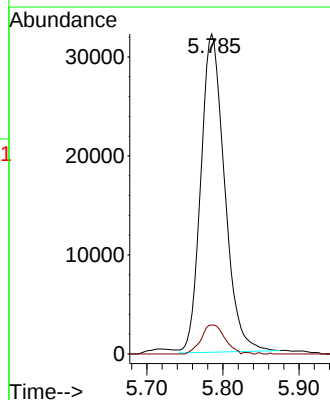
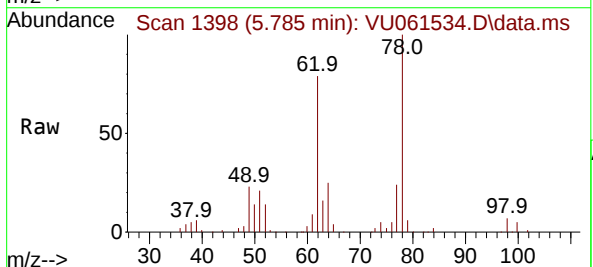
Acq: 07 Nov 2024 20:47

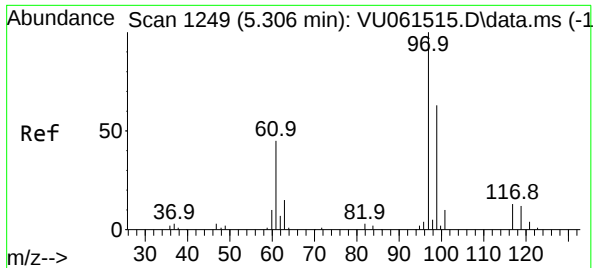
Tgt Ion: 62 Resp: 69701

Ion Ratio Lower Upper

62 100

98 9.1 7.4 11.0

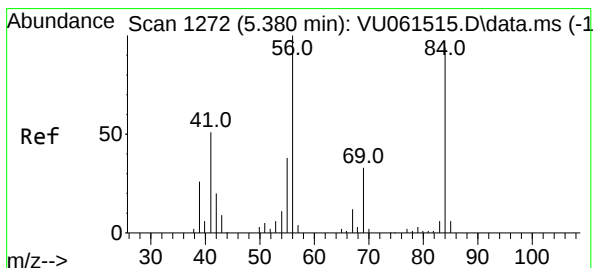
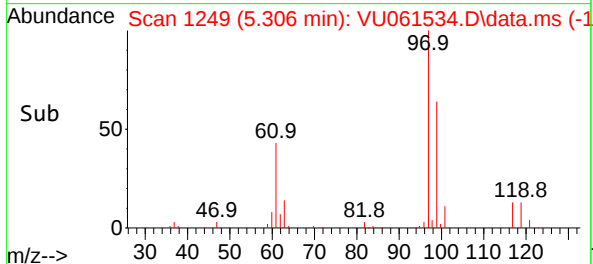
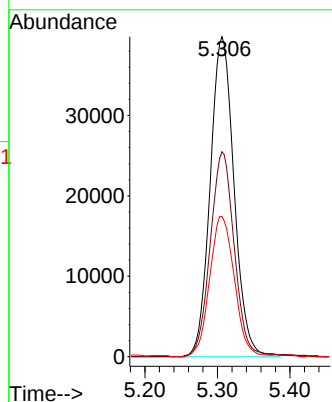
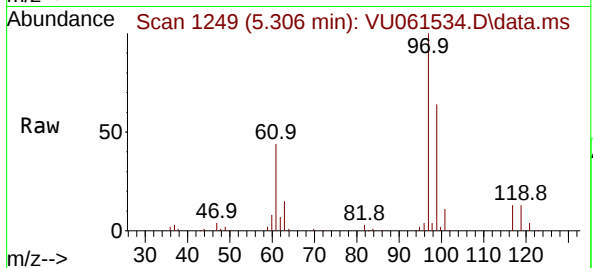




#29
1,1,1-Trichloroethane
Concen: 5.036 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU061534.D
Acq: 07 Nov 2024 20:47

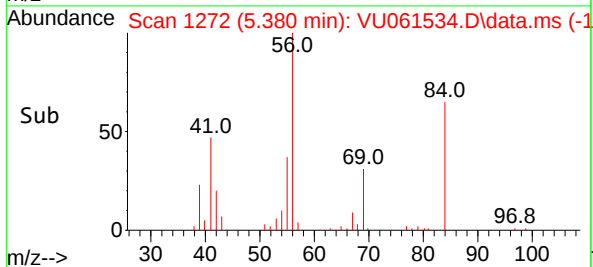
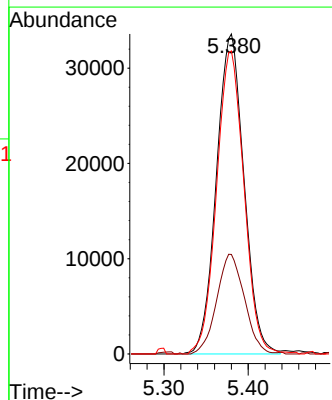
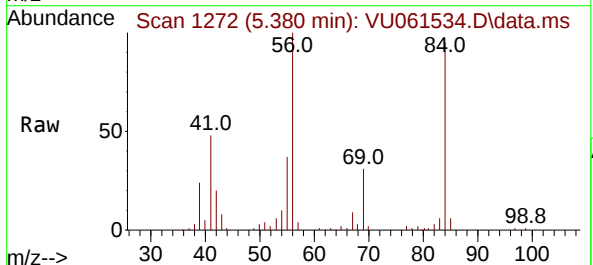
Instrument :
MSVOA_U
ClientSampleId :

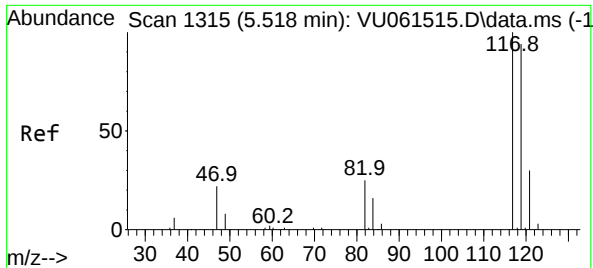
Tgt Ion:	97	Resp:	90911
Ion	Ratio	Lower	Upper
97	100		
99	64.7	50.8	76.2
61	45.5	36.1	54.1



#30
Cyclohexane
Concen: 4.213 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU061534.D
Acq: 07 Nov 2024 20:47

Tgt Ion:	56	Resp:	76282
Ion	Ratio	Lower	Upper
56	100		
69	31.3	25.8	38.6
84	94.0	73.9	110.9

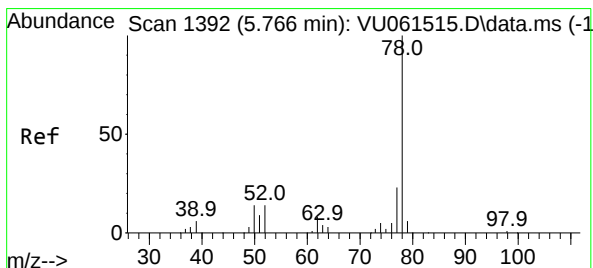
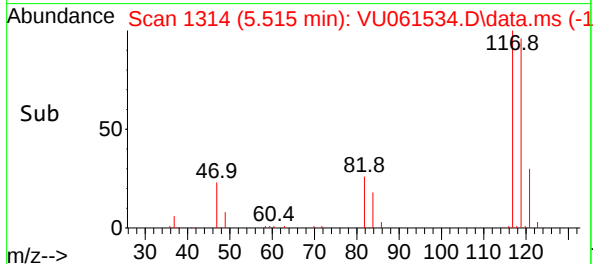
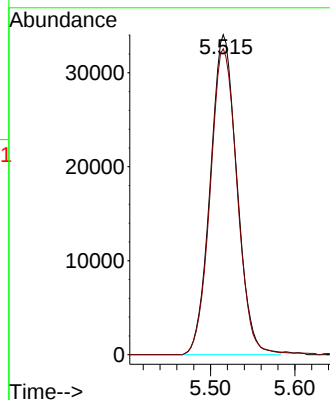
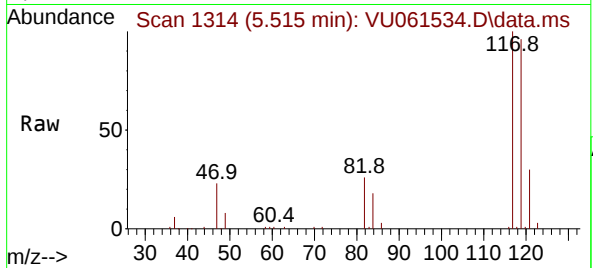




#31
Carbon tetrachloride
Concen: 4.836 ug/L
RT: 5.515 min Scan# 1117
Delta R.T. -0.003 min
Lab File: VU061534.D
Acq: 07 Nov 2024 20:47

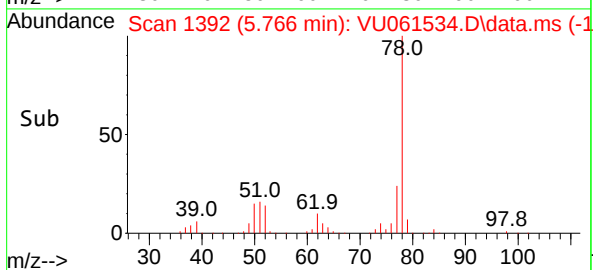
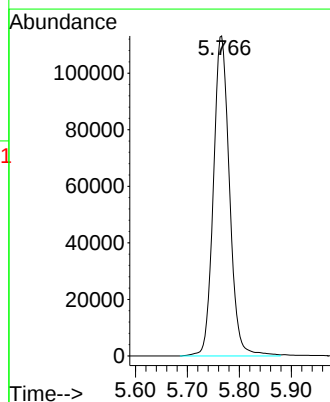
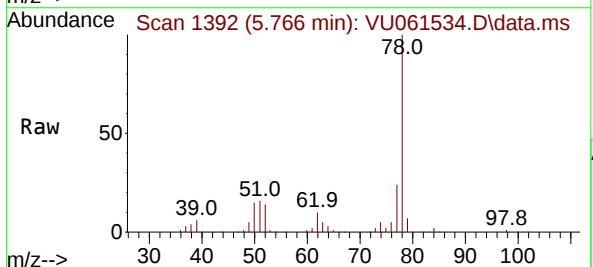
Instrument :
MSVOA_U
ClientSampleId :

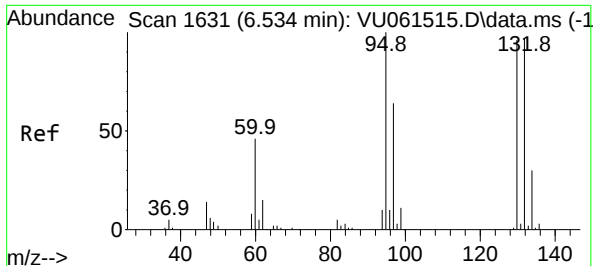
Tgt Ion:117 Resp: 74698
Ion Ratio Lower Upper
117 100
119 97.0 75.5 113.3



#33
Benzene
Concen: 5.342 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU061534.D
Acq: 07 Nov 2024 20:47

Tgt Ion: 78 Resp: 243519





#34

Trichloroethene

Concen: 21.545 ug/L

RT: 6.531 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU061534.D

Acq: 07 Nov 2024 20:47

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 267178

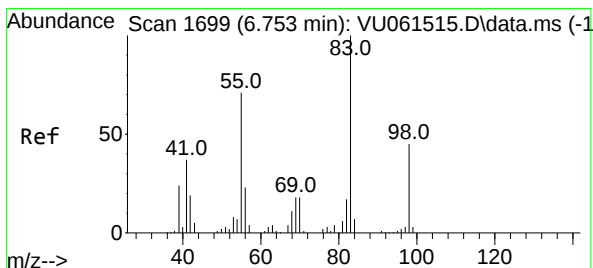
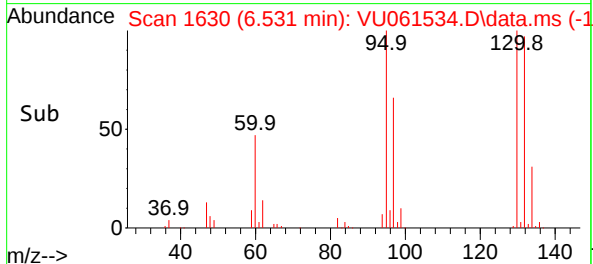
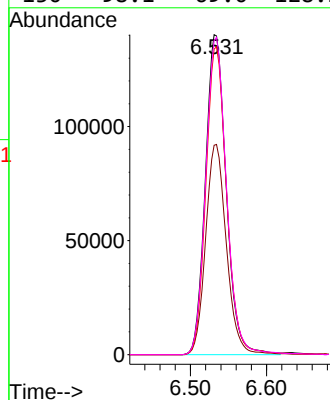
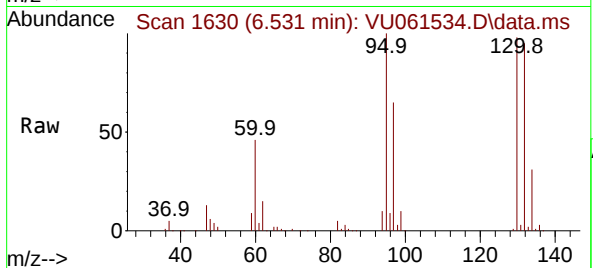
Ion Ratio Lower Upper

95 100

97 65.4 46.1 85.7

132 95.5 66.1 122.7

130 98.1 69.0 128.2



#35

Methylcyclohexane

Concen: 3.926 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. 0.000 min

Lab File: VU061534.D

Acq: 07 Nov 2024 20:47

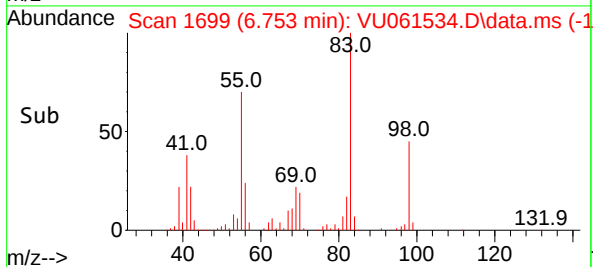
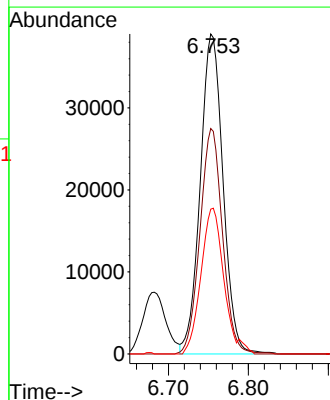
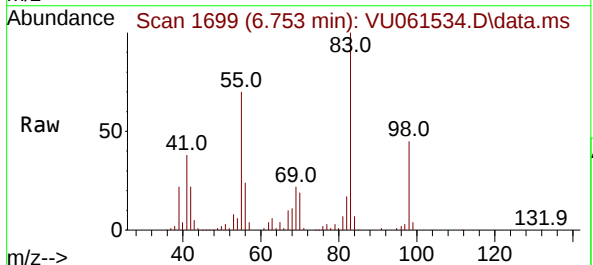
Tgt Ion: 83 Resp: 77495

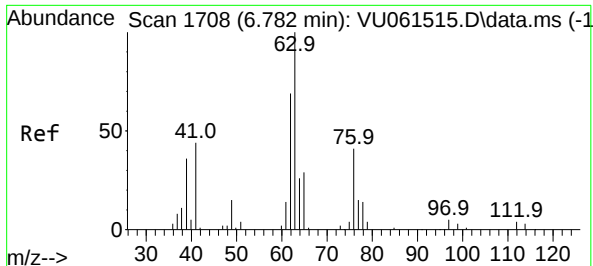
Ion Ratio Lower Upper

83 100

55 69.5 55.9 83.9

98 45.8 35.9 53.9

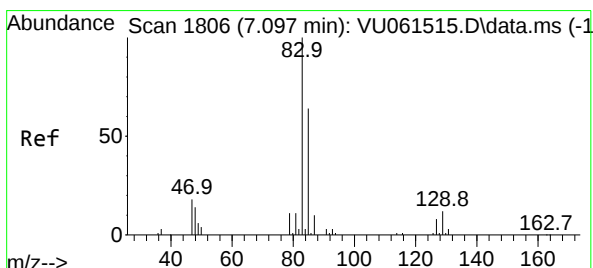
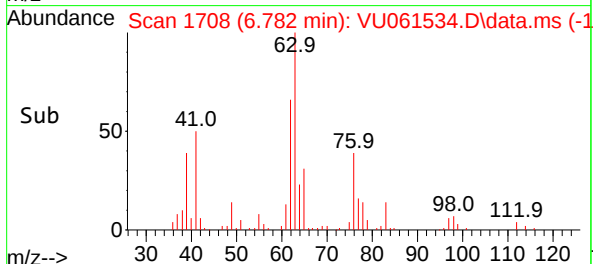
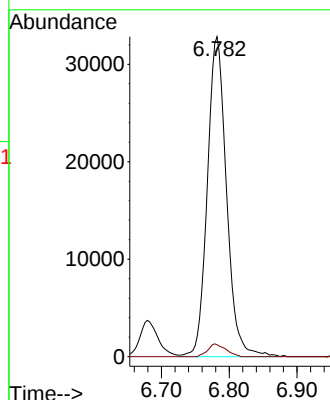
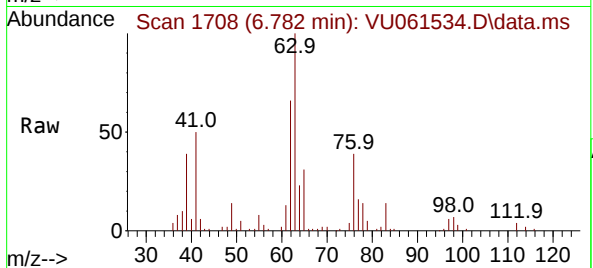




#37
1,2-Dichloropropane
Concen: 5.584 ug/L
RT: 6.782 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU061534.D
Acq: 07 Nov 2024 20:47

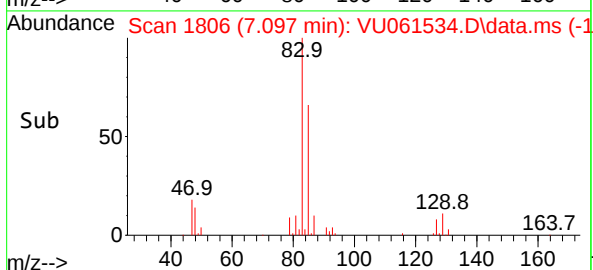
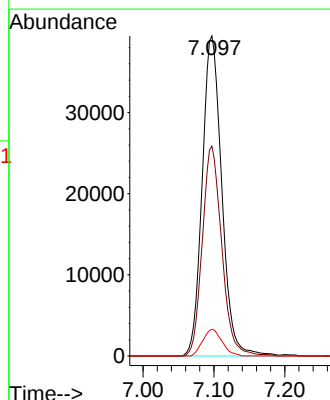
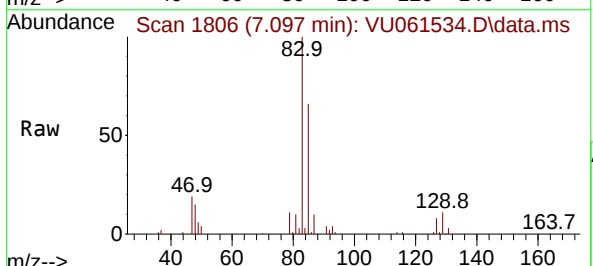
Instrument :
MSVOA_U
ClientSampleId :

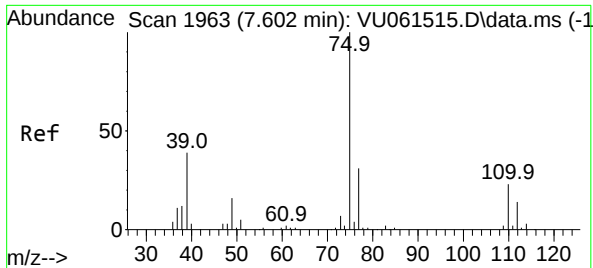
Tgt Ion: 63 Resp: 64519
Ion Ratio Lower Upper
63 100
112 3.7 3.0 4.4



#38
Bromodichloromethane
Concen: 5.179 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU061534.D
Acq: 07 Nov 2024 20:47

Tgt Ion: 83 Resp: 75743
Ion Ratio Lower Upper
83 100
85 65.6 43.8 81.4
127 8.4 7.4 11.0

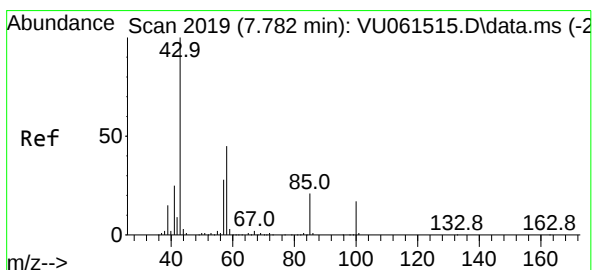
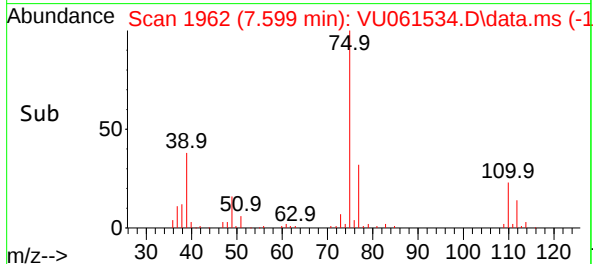
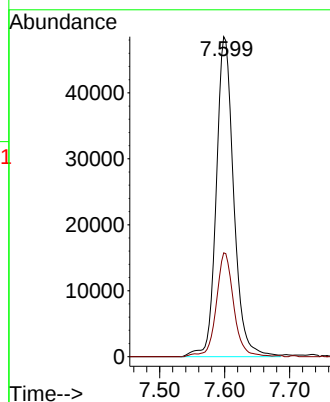
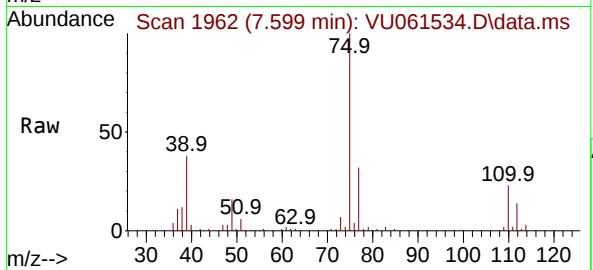




#39
 cis-1,3-Dichloropropene
 Concen: 5.061 ug/L
 RT: 7.599 min Scan# 1962
 Delta R.T. -0.003 min
 Lab File: VU061534.D
 Acq: 07 Nov 2024 20:47

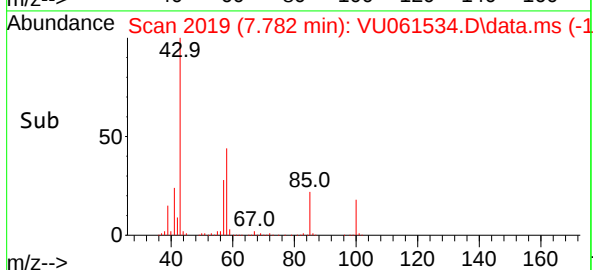
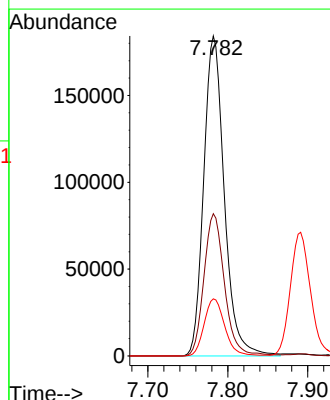
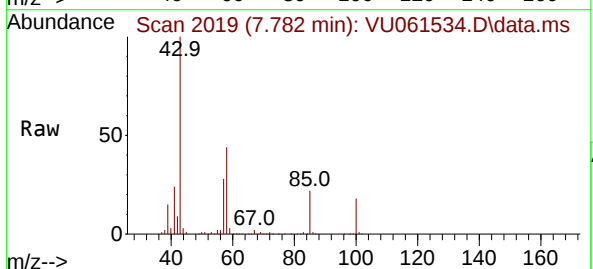
Instrument :
 MSVOA_U
 ClientSampleId :

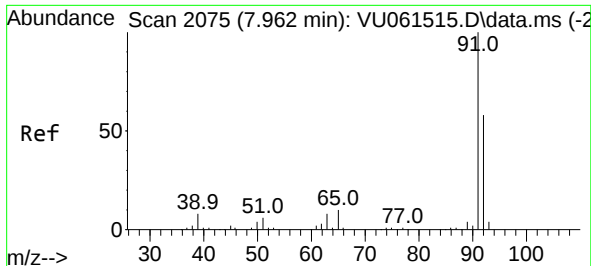
Tgt Ion: 75 Resp: 90321
 Ion Ratio Lower Upper
 75 100
 77 32.4 22.5 41.7



#40
 4-Methyl-2-pentanone
 Concen: 57.428 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VU061534.D
 Acq: 07 Nov 2024 20:47

Tgt Ion: 43 Resp: 330269
 Ion Ratio Lower Upper
 43 100
 58 44.4 35.1 52.7
 100 17.9 14.0 21.0





#42

Toluene

Concen: 5.288 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU061534.D

Acq: 07 Nov 2024 20:47

Instrument :

MSVOA_U

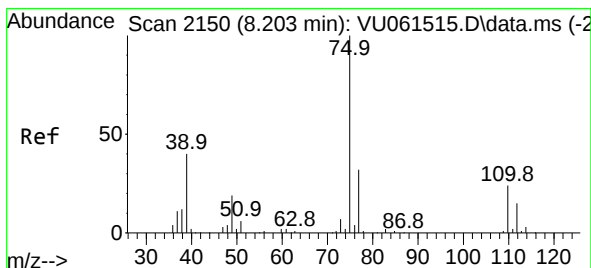
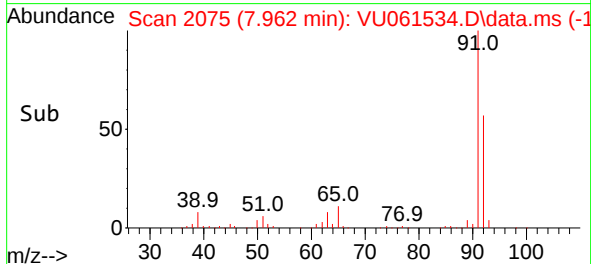
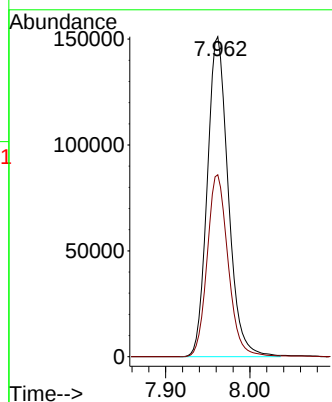
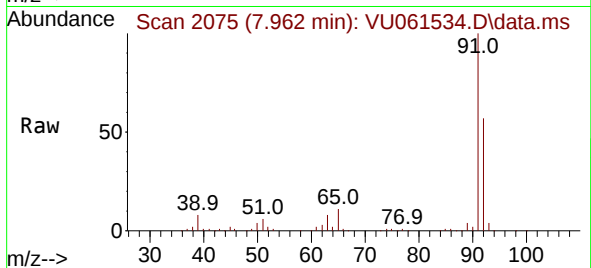
ClientSampleId :

Tgt Ion: 91 Resp: 261778

Ion Ratio Lower Upper

91 100

92 56.8 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 4.866 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU061534.D

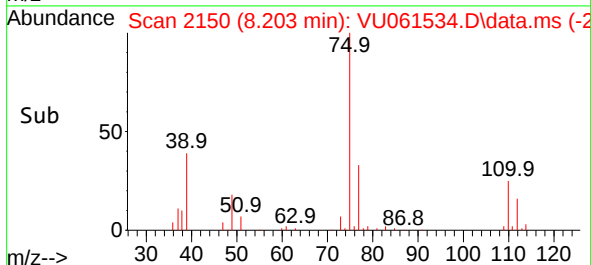
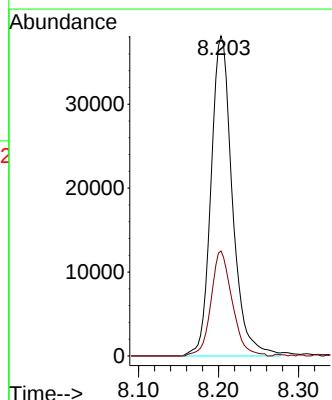
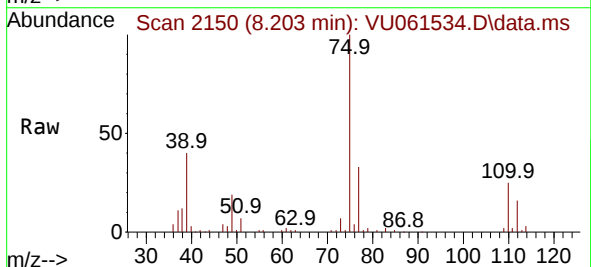
Acq: 07 Nov 2024 20:47

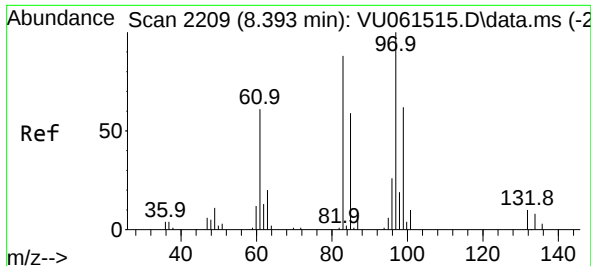
Tgt Ion: 75 Resp: 70764

Ion Ratio Lower Upper

75 100

77 32.8 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 5.836 ug/L

RT: 8.393 min Scan# 2209

Delta R.T. 0.000 min

Lab File: VU061534.D

Acq: 07 Nov 2024 20:47

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 48531

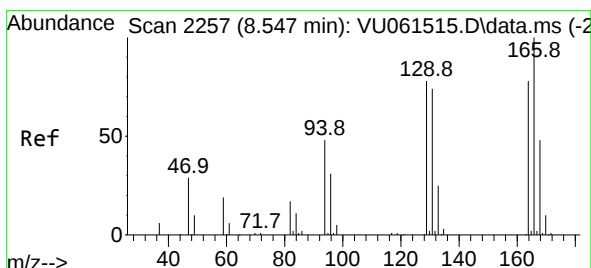
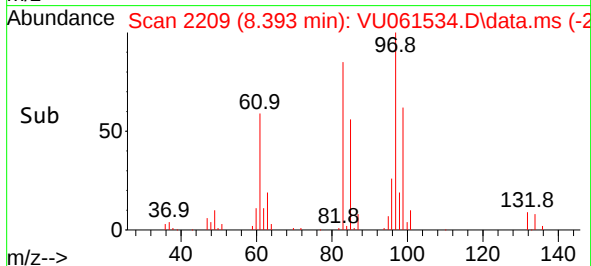
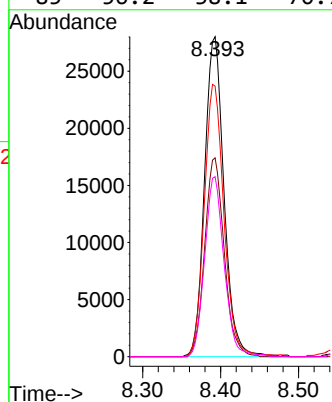
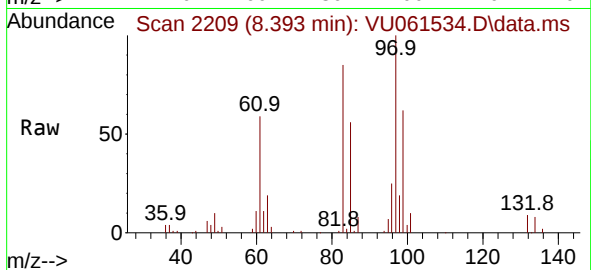
Ion Ratio Lower Upper

97 100

99 62.2 44.1 81.9

83 84.5 61.2 113.6

85 56.2 38.1 70.7



#47

Tetrachloroethene

Concen: 4.970 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

Lab File: VU061534.D

Acq: 07 Nov 2024 20:47

Tgt Ion:164 Resp: 43043

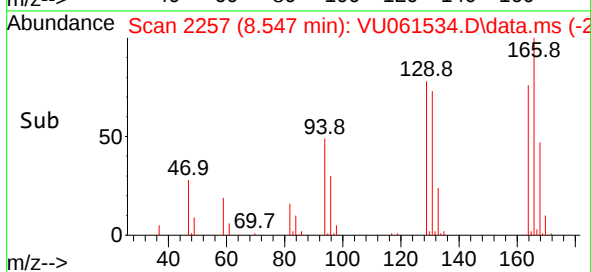
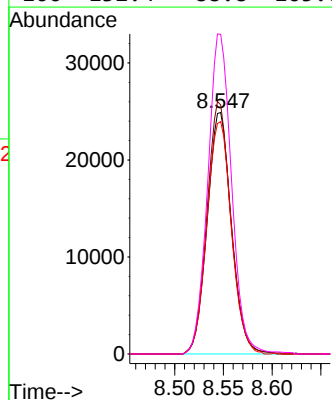
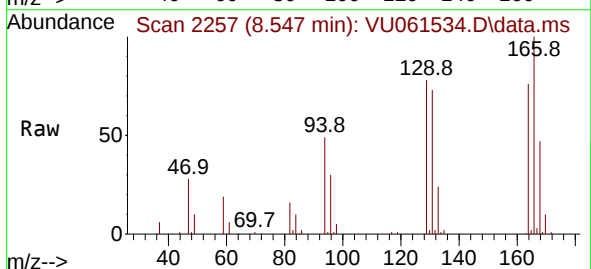
Ion Ratio Lower Upper

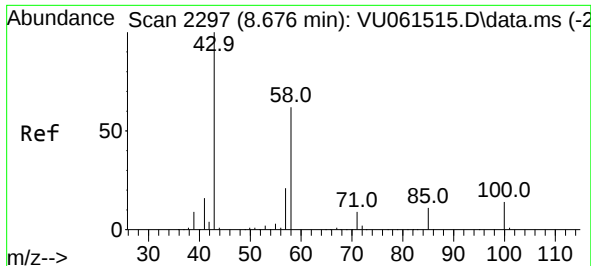
164 100

129 103.2 69.9 129.7

131 96.3 68.3 126.8

166 132.4 88.8 165.0



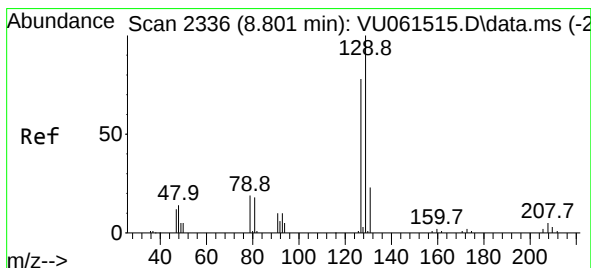
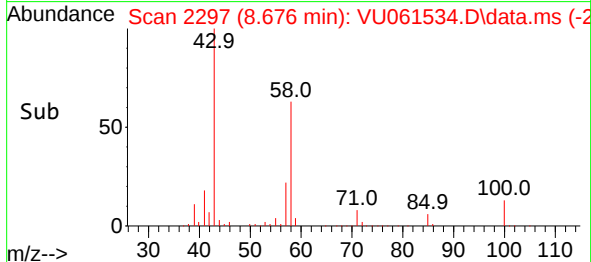
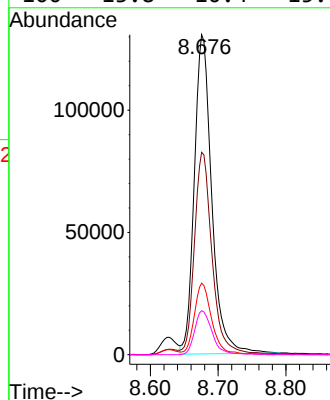
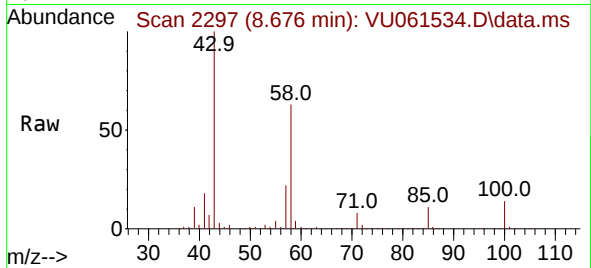


#48
2-Hexanone
Concen: 57.550 ug/L
RT: 8.676 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VU061534.D
Acq: 07 Nov 2024 20:47

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 234042

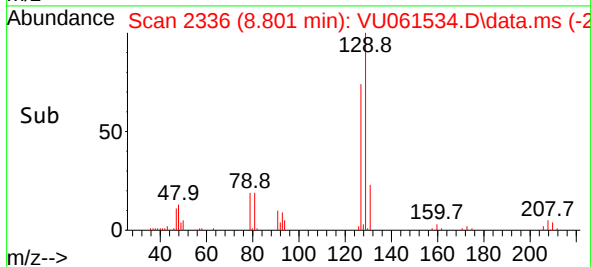
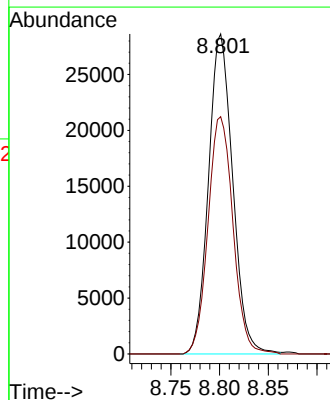
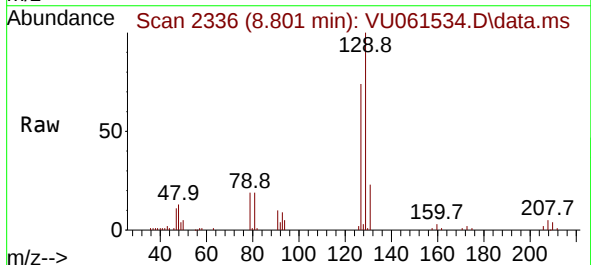
Ion	Ratio	Lower	Upper
43	100		
58	63.6	48.6	72.8
57	21.7	17.0	25.6
100	13.8	10.4	15.6

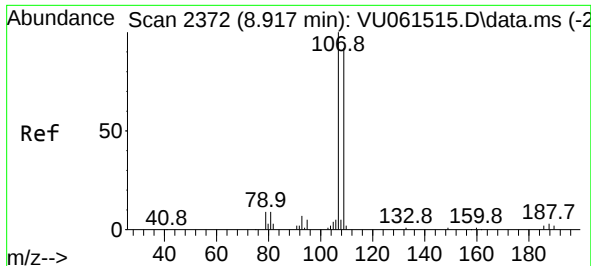


#49
Dibromochloromethane
Concen: 5.259 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU061534.D
Acq: 07 Nov 2024 20:47

Tgt Ion: 129 Resp: 49600

Ion	Ratio	Lower	Upper
129	100		
127	74.2	51.8	96.2





#50

1,2-Dibromoethane

Concen: 5.556 ug/L

RT: 8.917 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU061534.D

Acq: 07 Nov 2024 20:47

Instrument :

MSVOA_U

ClientSampleId :

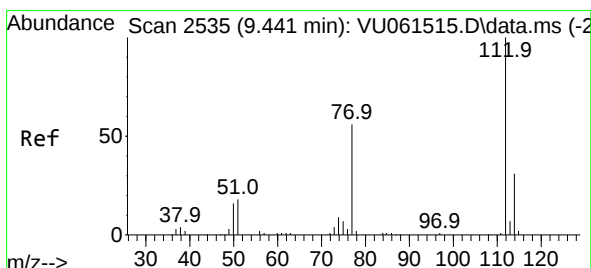
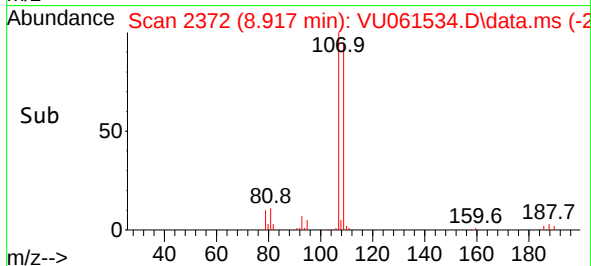
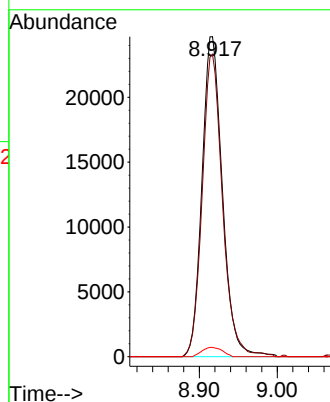
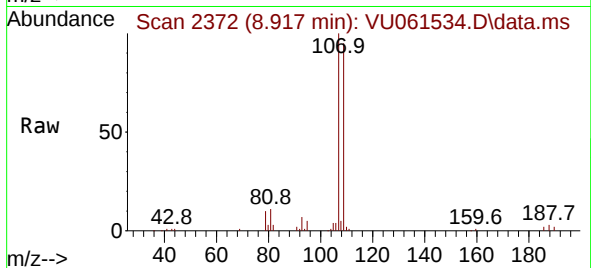
Tgt Ion:107 Resp: 44888

Ion Ratio Lower Upper

107 100

109 94.5 63.4 117.8

188 2.9 2.6 3.8



#51

Chlorobenzene

Concen: 5.342 ug/L

RT: 9.438 min Scan# 2534

Delta R.T. -0.003 min

Lab File: VU061534.D

Acq: 07 Nov 2024 20:47

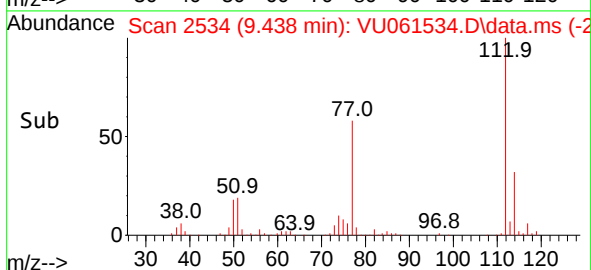
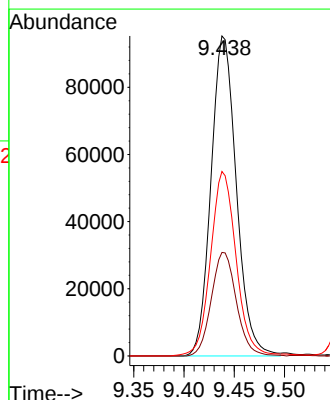
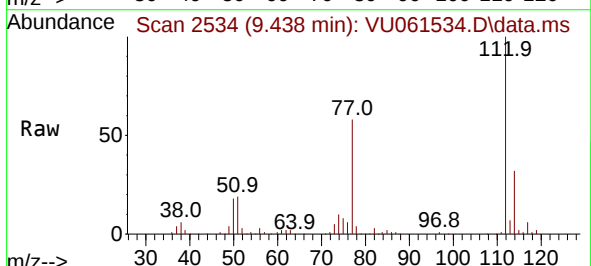
Tgt Ion:112 Resp: 167170

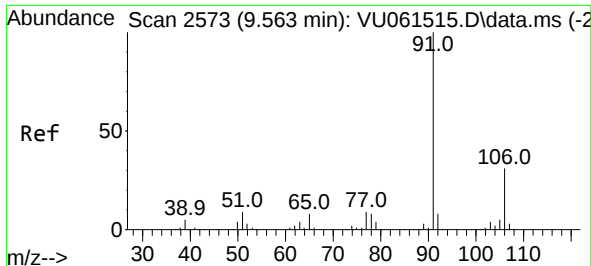
Ion Ratio Lower Upper

112 100

114 32.4 22.9 42.5

77 57.7 47.1 70.7

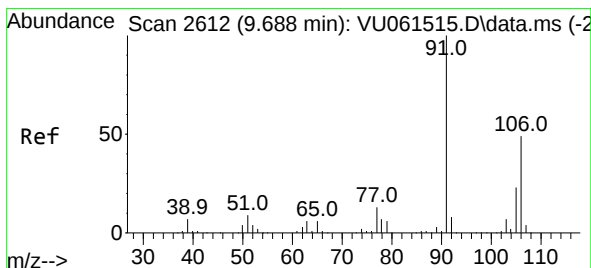
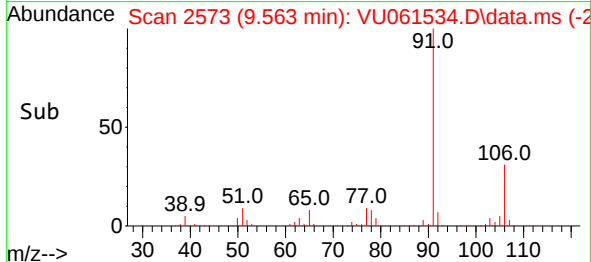
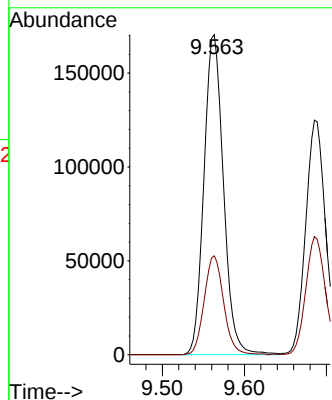
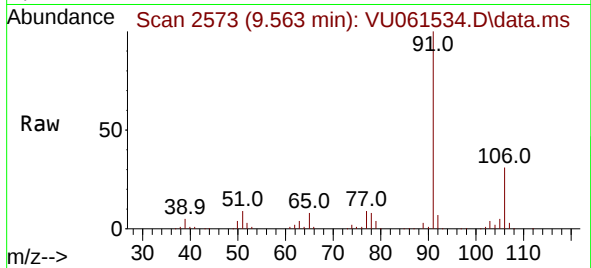




#52
Ethylbenzene
Concen: 5.179 ug/L
RT: 9.563 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VU061534.D
Acq: 07 Nov 2024 20:47

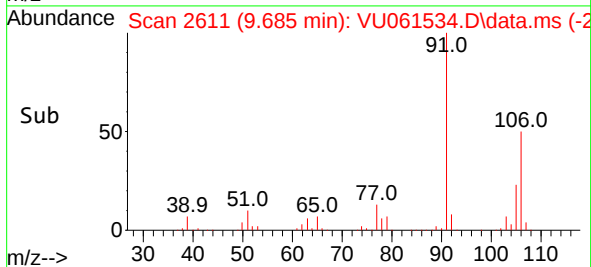
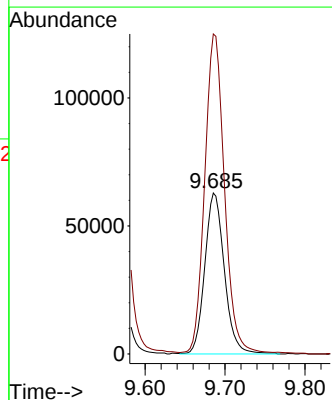
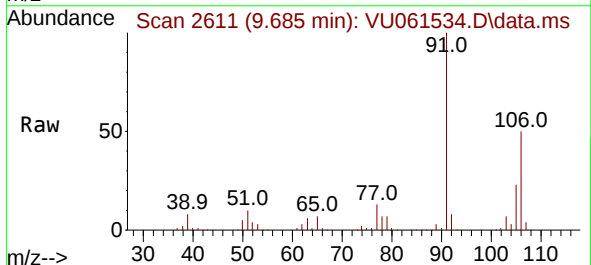
Instrument :
MSVOA_U
ClientSampleId :

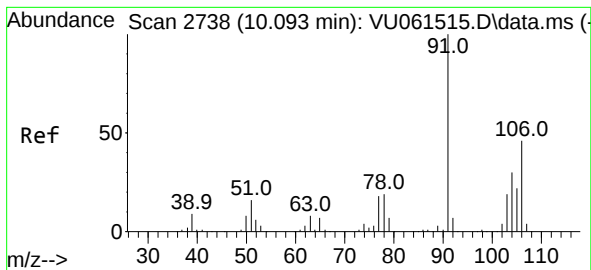
Tgt Ion: 91 Resp: 281995
Ion Ratio Lower Upper
91 100
106 30.9 22.0 41.0



#53
m,p-Xylene
Concen: 5.168 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.003 min
Lab File: VU061534.D
Acq: 07 Nov 2024 20:47

Tgt Ion:106 Resp: 107221
Ion Ratio Lower Upper
106 100
91 198.7 145.7 270.7





#54

o-Xylene

Concen: 5.160 ug/L

RT: 10.094 min Scan# 2738

Delta R.T. 0.000 min

Lab File: VU061534.D

Acq: 07 Nov 2024 20:47

Instrument :

MSVOA_U

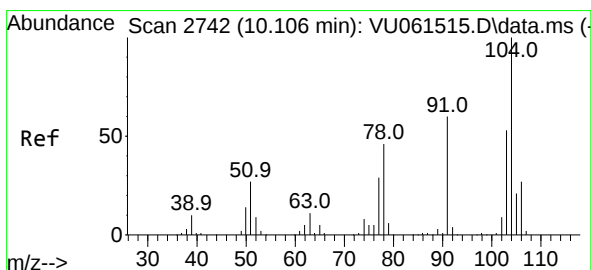
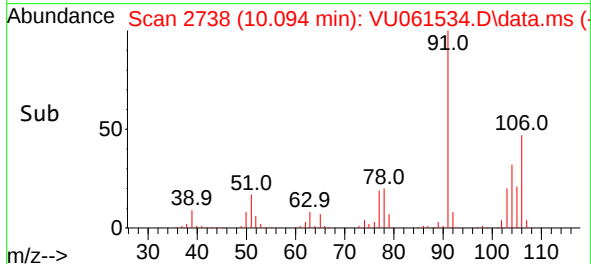
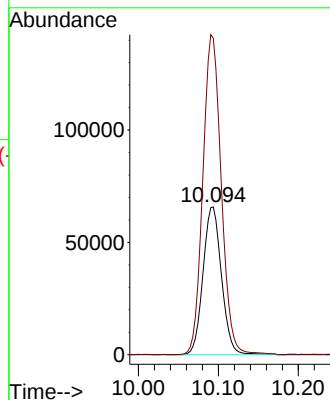
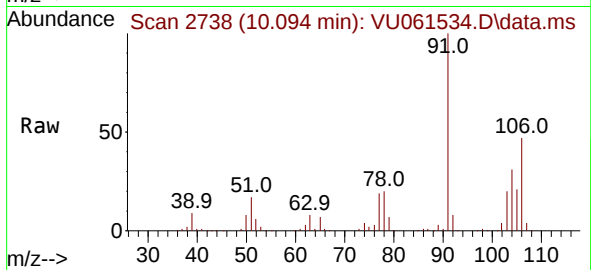
ClientSampleId :

Tgt Ion:106 Resp: 105651

Ion Ratio Lower Upper

106 100

91 214.3 148.8 276.4



#55

Styrene

Concen: 5.119 ug/L

RT: 10.107 min Scan# 2742

Delta R.T. 0.000 min

Lab File: VU061534.D

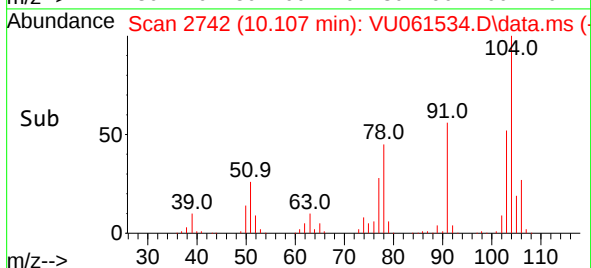
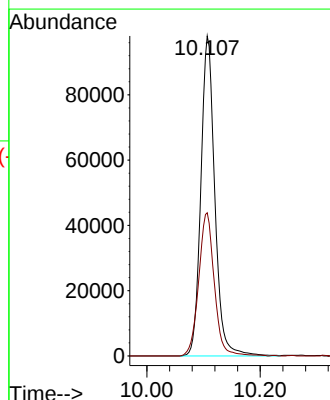
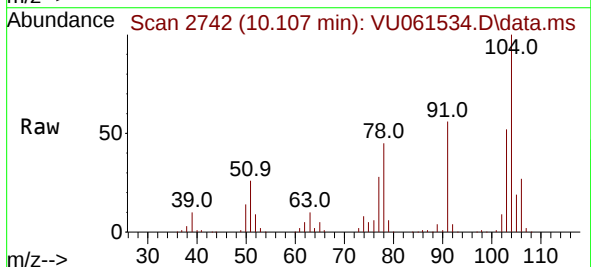
Acq: 07 Nov 2024 20:47

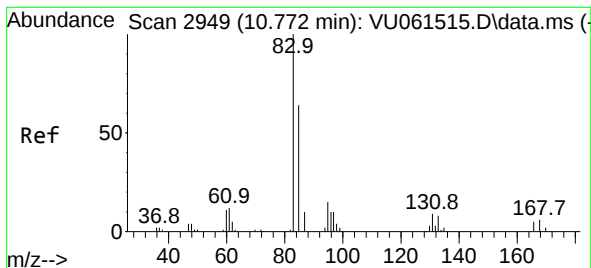
Tgt Ion:104 Resp: 168021

Ion Ratio Lower Upper

104 100

78 44.7 32.3 59.9

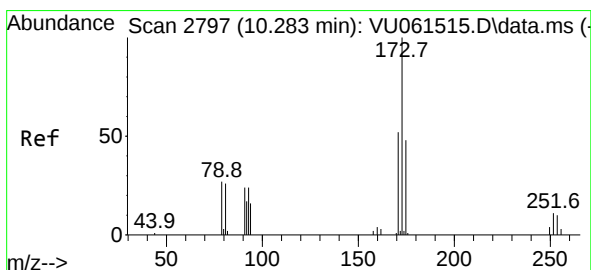
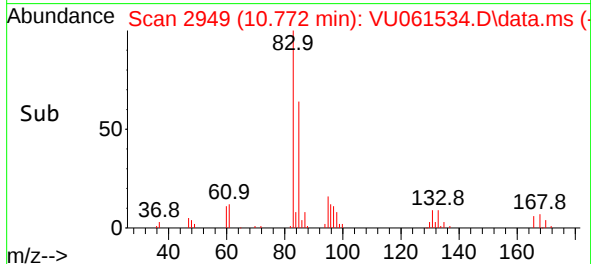
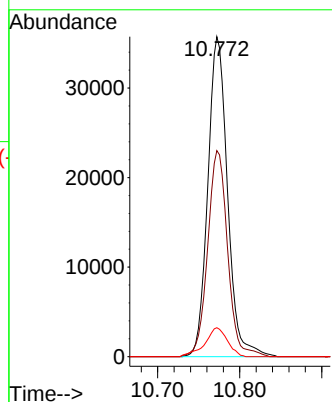
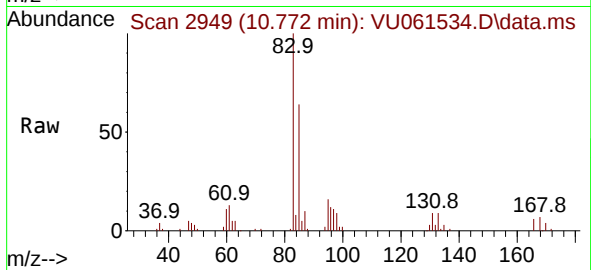




#57
1,1,2,2-Tetrachloroethane
Concen: 5.949 ug/L
RT: 10.772 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU061534.D
Acq: 07 Nov 2024 20:47

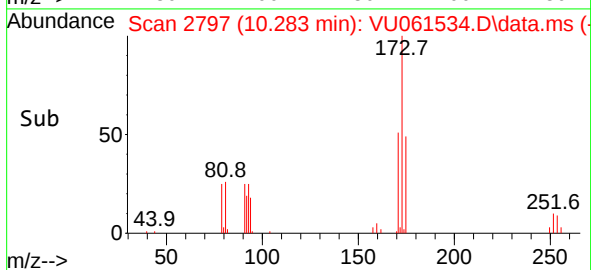
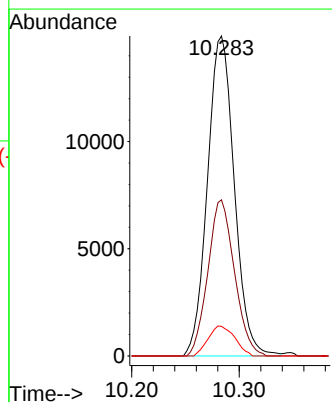
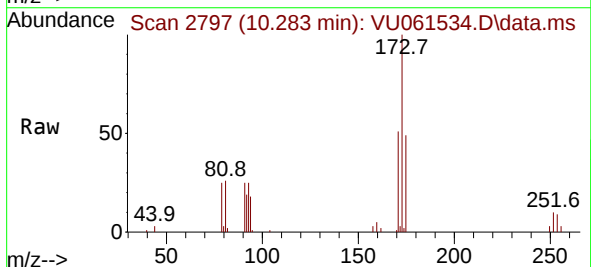
Instrument :
MSVOA_U
ClientSampleId :

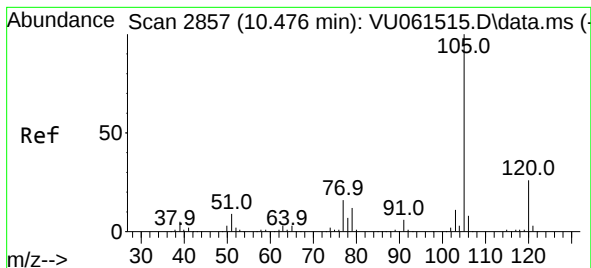
Tgt Ion:	83	Resp:	59609
Ion	Ratio	Lower	Upper
83	100		
85	64.4	45.3	84.1
131	9.1	7.6	11.4



#59
Bromoform
Concen: 4.879 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VU061534.D
Acq: 07 Nov 2024 20:47

Tgt Ion:	173	Resp:	25863
Ion	Ratio	Lower	Upper
173	100		
175	48.2	39.0	58.4
254	9.3	6.8	10.2





#60

Isopropylbenzene

Concen: 5.074 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU061534.D

Acq: 07 Nov 2024 20:47

Instrument :

MSVOA_U

ClientSampleId :

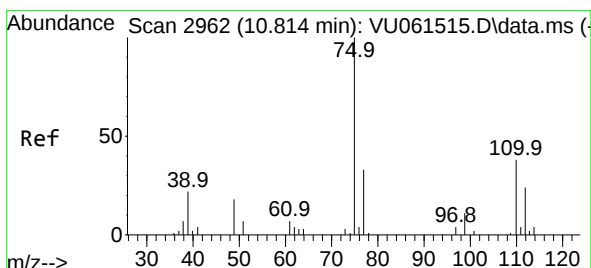
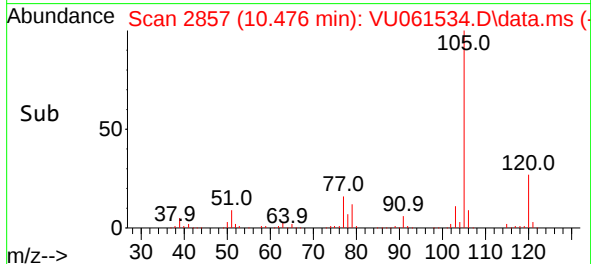
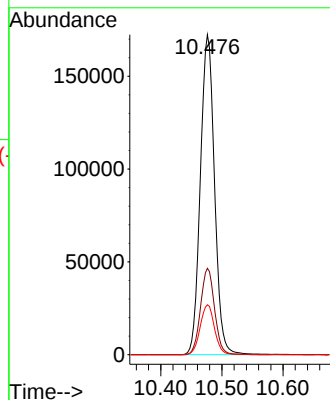
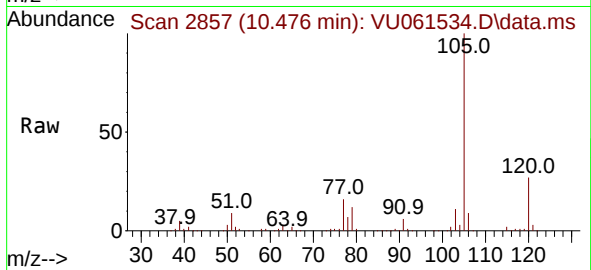
Tgt Ion:105 Resp: 277577

Ion Ratio Lower Upper

105 100

120 26.7 21.2 31.8

77 15.9 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 5.816 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. 0.000 min

Lab File: VU061534.D

Acq: 07 Nov 2024 20:47

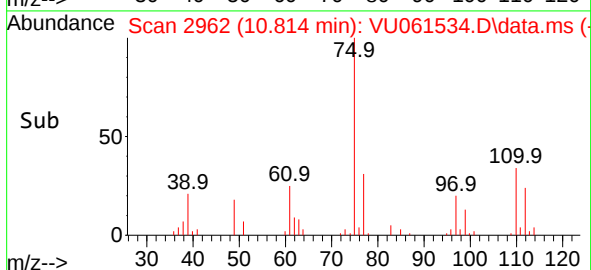
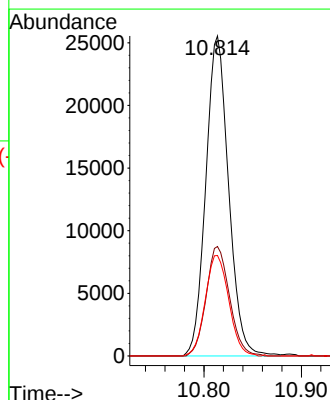
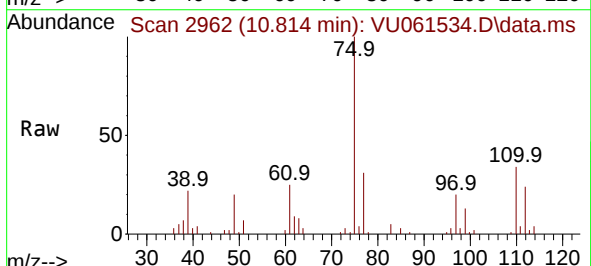
Tgt Ion: 75 Resp: 41495

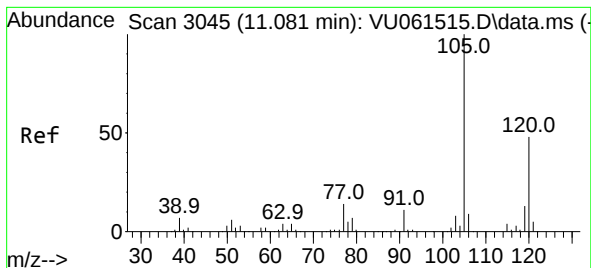
Ion Ratio Lower Upper

75 100

110 35.1 28.8 43.2

77 32.4 25.7 38.5





#62

1,3,5-Trimethylbenzene

Concen: 4.857 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. 0.000 min

Lab File: VU061534.D

Acq: 07 Nov 2024 20:47

Instrument :

MSVOA_U

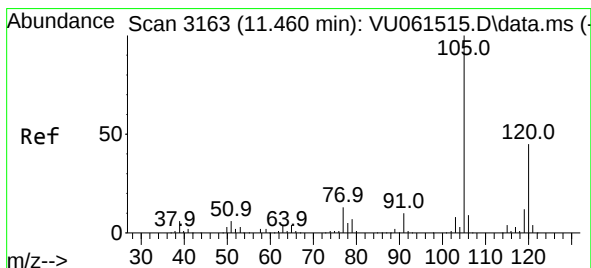
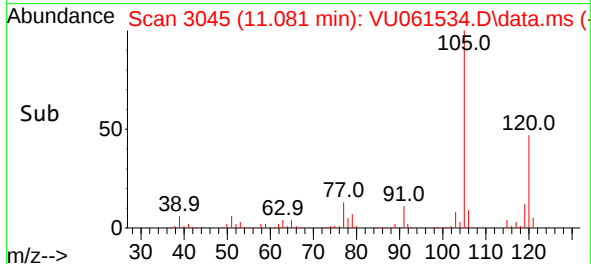
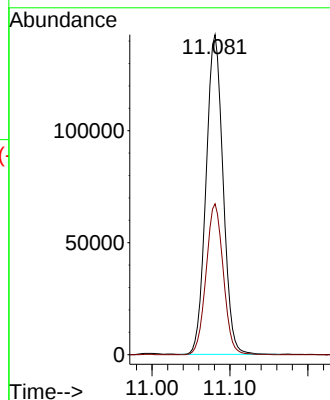
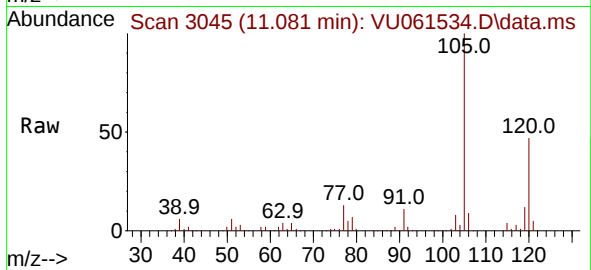
ClientSampleId :

Tgt Ion:105 Resp: 216344

Ion Ratio Lower Upper

105 100

120 47.7 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 4.872 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. 0.000 min

Lab File: VU061534.D

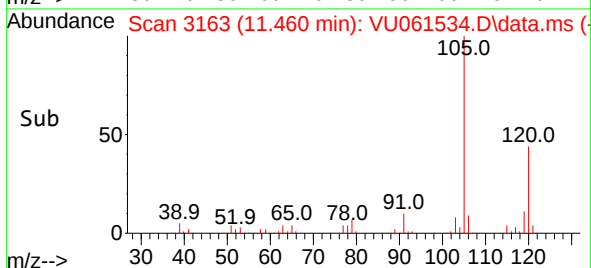
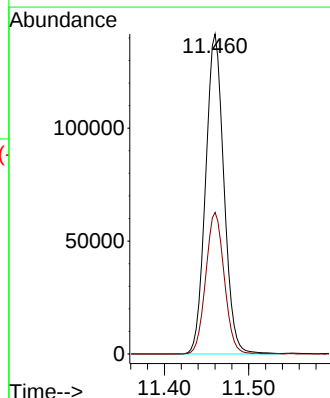
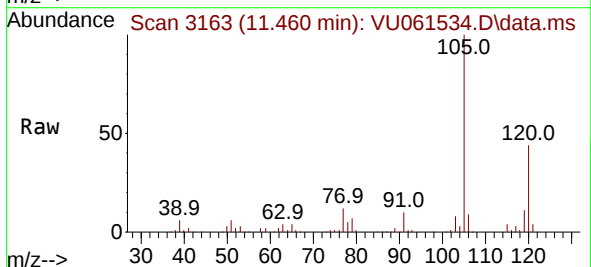
Acq: 07 Nov 2024 20:47

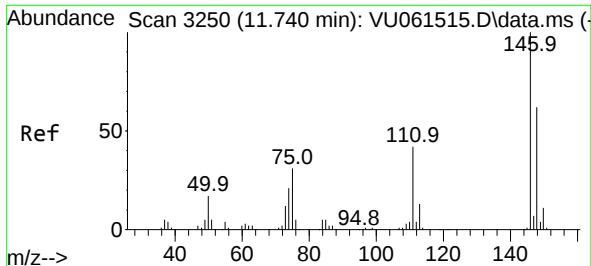
Tgt Ion:105 Resp: 214504

Ion Ratio Lower Upper

105 100

120 44.8 35.4 53.0

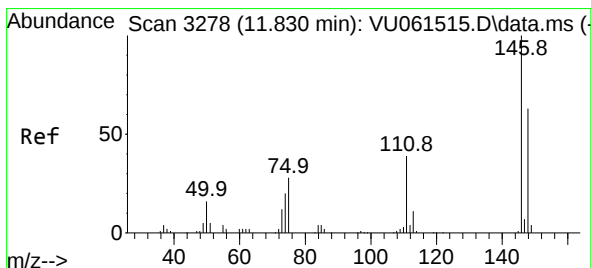
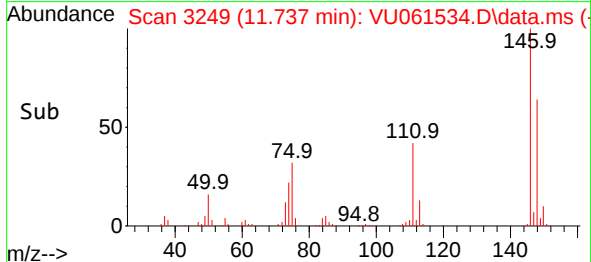
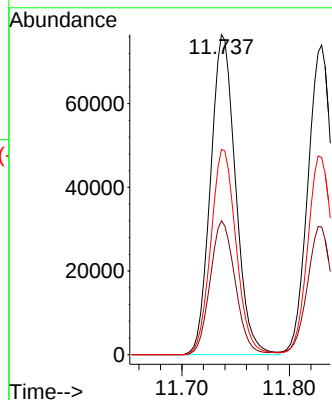
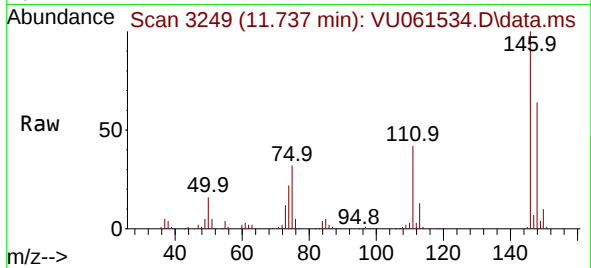




#64
1,3-Dichlorobenzene
Concen: 5.367 ug/L
RT: 11.737 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU061534.D
Acq: 07 Nov 2024 20:47

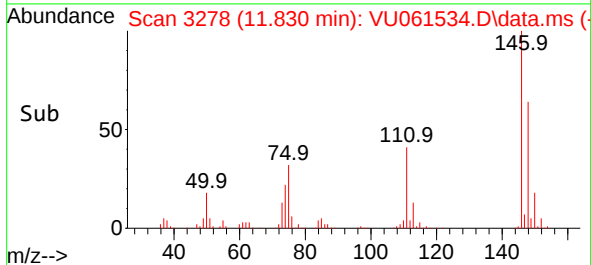
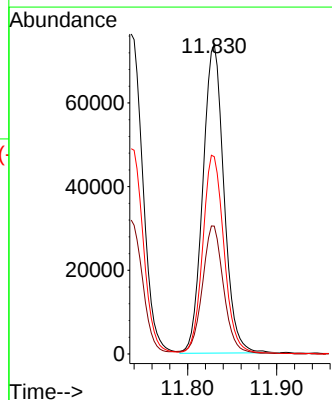
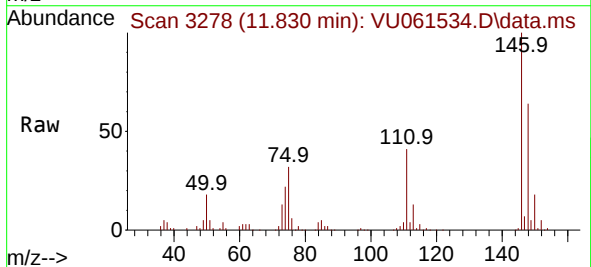
Instrument :
MSVOA_U
ClientSampleId :

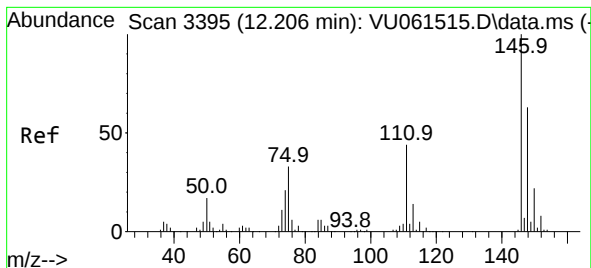
Tgt Ion:146 Resp: 123574
Ion Ratio Lower Upper
146 100
111 41.9 30.0 55.8
148 64.2 45.1 83.7



#65
1,4-Dichlorobenzene
Concen: 5.166 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU061534.D
Acq: 07 Nov 2024 20:47

Tgt Ion:146 Resp: 121268
Ion Ratio Lower Upper
146 100
111 41.3 28.2 52.4
148 63.7 43.3 80.3





#67

1,2-Dichlorobenzene

Concen: 5.531 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. -0.003 min

Lab File: VU061534.D

Acq: 07 Nov 2024 20:47

Instrument :

MSVOA_U

ClientSampleId :

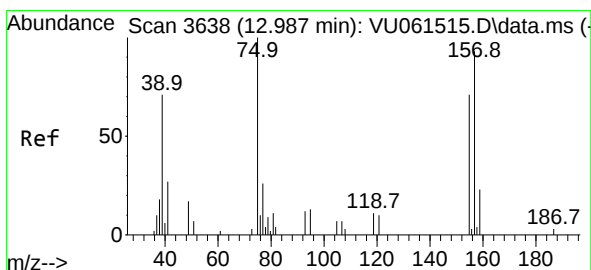
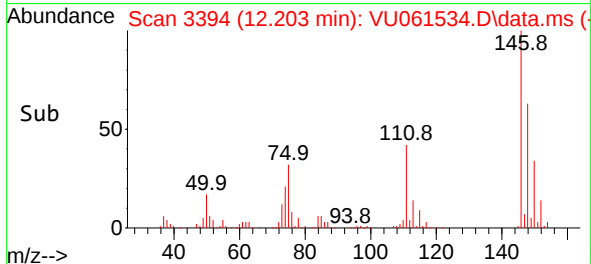
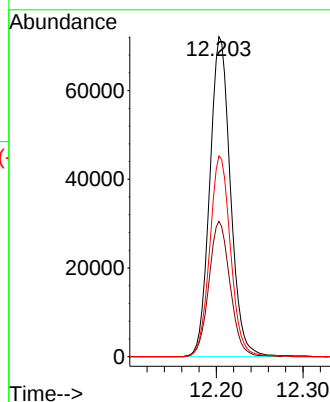
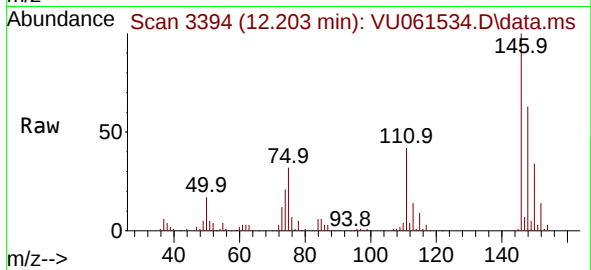
Tgt Ion:146 Resp: 119853

Ion Ratio Lower Upper

146 100

111 42.3 35.2 52.8

148 62.7 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 4.905 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.003 min

Lab File: VU061534.D

Acq: 07 Nov 2024 20:47

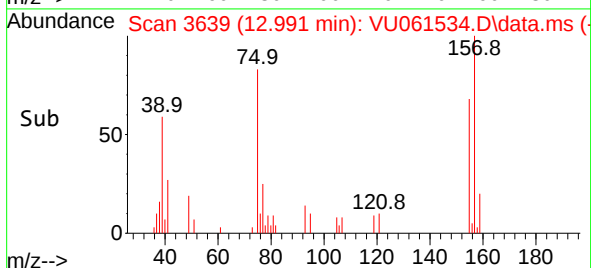
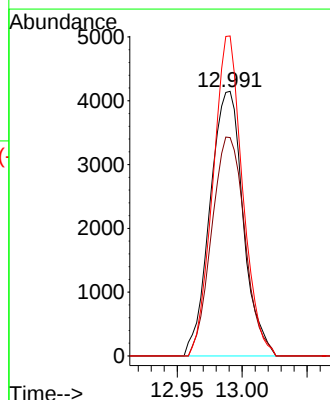
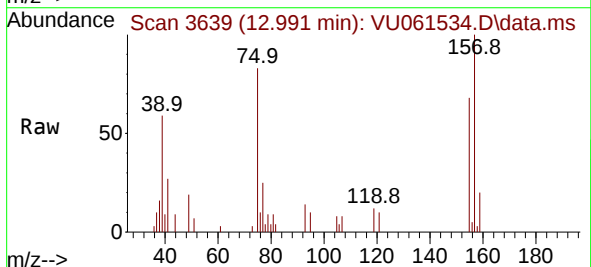
Tgt Ion: 75 Resp: 7348

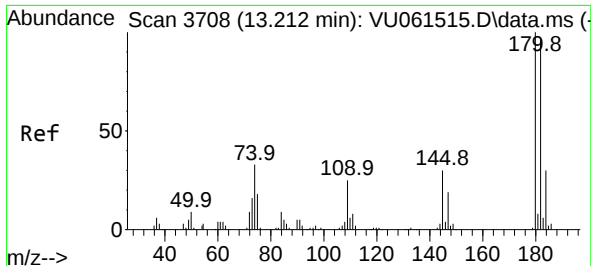
Ion Ratio Lower Upper

75 100

155 82.5 69.3 103.9

157 120.9 81.4 122.2





#69

1,3,5-Trichlorobenzene

Concen: 5.332 ug/L

RT: 13.213 min Scan# 31

Delta R.T. 0.000 min

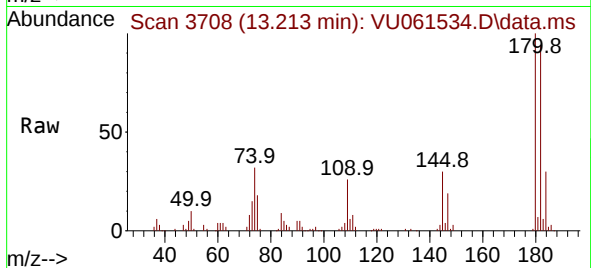
Lab File: VU061534.D

Acq: 07 Nov 2024 20:47

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 84156

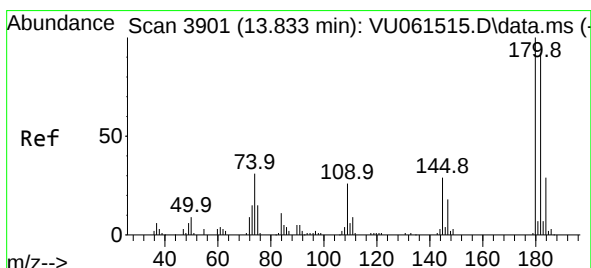
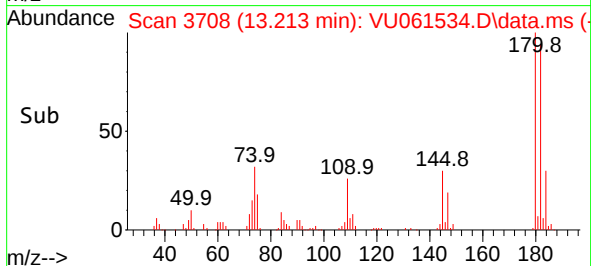
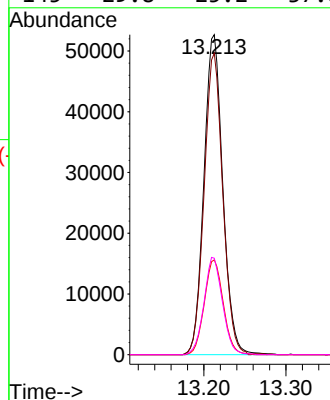
Ion Ratio Lower Upper

180 100

182 92.9 77.4 116.2

184 29.7 24.4 36.6

145 29.8 25.2 37.8



#70

1,2,4-trichlorobenzene

Concen: 5.638 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.000 min

Lab File: VU061534.D

Acq: 07 Nov 2024 20:47

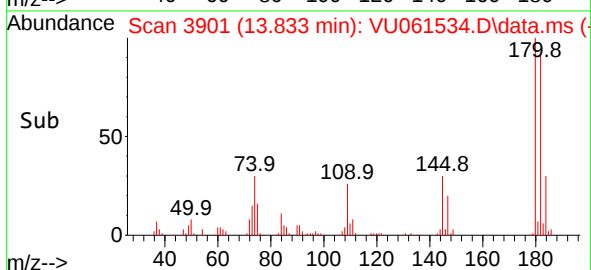
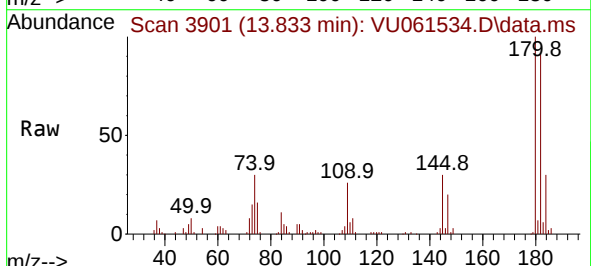
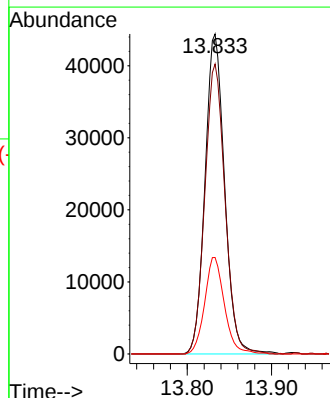
Tgt Ion:180 Resp: 71814

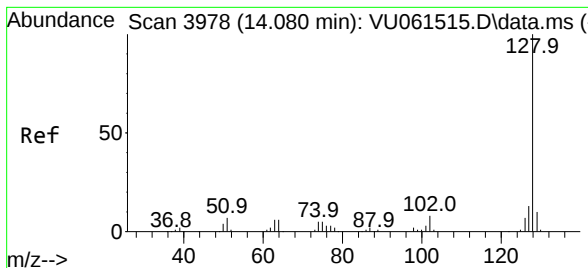
Ion Ratio Lower Upper

180 100

182 93.3 77.2 115.8

145 30.5 25.6 38.4





#71

Naphthalene

Concen: 6.104 ug/L

RT: 14.081 min Scan# 3978

Delta R.T. 0.000 min

Lab File: VU061534.D

Acq: 07 Nov 2024 20:47

Instrument :

MSVOA_U

ClientSampleId :

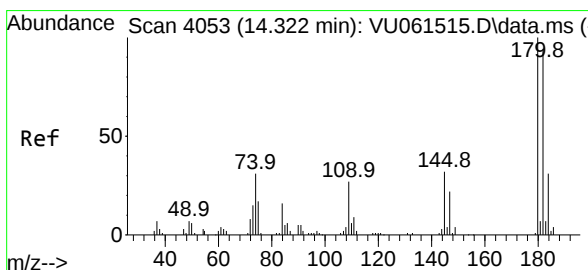
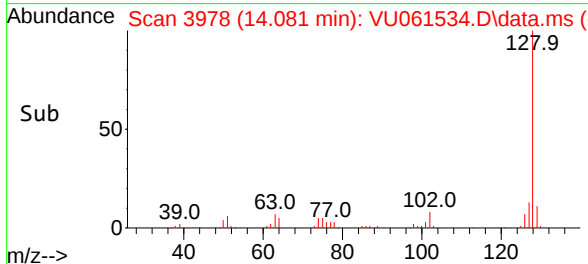
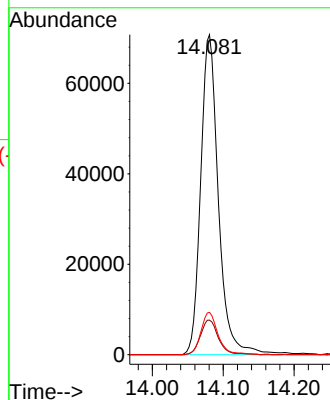
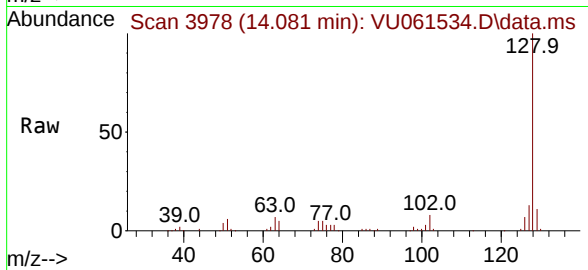
Tgt Ion:128 Resp: 122691

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.4

127 12.8 10.0 15.0



#72

1,2,3-Trichlorobenzene

Concen: 5.977 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. 0.000 min

Lab File: VU061534.D

Acq: 07 Nov 2024 20:47

Tgt Ion:180 Resp: 63694

Ion Ratio Lower Upper

180 100

182 96.4 76.0 114.0

145 31.2 26.5 39.7

