

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111124\
 Data File : VU061593.D
 Acq On : 11 Nov 2024 20:49
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 12 03:48:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 12 03:43:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	159055	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	149583	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	75651	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	62507	5.785	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	115.800%
7) Chloroethane-d5	1.911	69	59112	5.968	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	119.400%
11) 1,1-Dichloroethene-d2	2.560	65	27138	5.871	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	117.400%
20) 2-Butanone-d5	4.624	46	142945	65.163	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	130.320%#
24) Chloroform-d	5.052	84	128132	6.248	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	125.000%
26) 1,2-Dichloroethane-d4	5.692	65	63229	6.185	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	123.800%
32) Benzene-d6	5.718	84	258054	6.123	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	122.400%
36) 1,2-Dichloropropane-d6	6.682	67	77637	6.127	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	122.600%
41) Toluene-d8	7.888	98	239479	6.077	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	121.600%
43) trans-1,3-Dichloroprop...	8.174	79	30518	5.900	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	118.000%
46) 2-Hexanone-d5	8.624	63	126902	59.901	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.800%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	63617	6.639	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	132.800%#
66) 1,2-Dichlorobenzene-d4	12.184	152	81232	6.064	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	121.200%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	47350	4.465	ug/L	100
3) Chloromethane	1.518	50	46632	4.170	ug/L	98
5) Vinyl chloride	1.599	62	55490	4.513	ug/L	98
6) Bromomethane	1.853	94	33887	4.160	ug/L	95
8) Chloroethane	1.930	64	43844	4.844	ug/L	99
9) Trichlorofluoromethane	2.133	101	83396	4.994	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	50456	5.089	ug/L	98
12) 1,1-Dichloroethene	2.573	96	46884	4.986	ug/L	95
13) Acetone	2.641	43	76798	55.274	ug/L	96
14) Carbon disulfide	2.788	76	122549	3.906	ug/L	100
15) Methyl Acetate	2.952	43	19098	5.551	ug/L	99
16) Methylene chloride	3.039	84	58305	5.262	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	135918	5.333	ug/L	100
18) trans-1,2-Dichloroethene	3.345	96	51987	5.000	ug/L	97
19) 1,1-Dichloroethane	3.859	63	106011	5.405	ug/L	99
21) 2-Butanone	4.705	43	128259	58.230	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	65271	5.495	ug/L	93
23) Bromochloromethane	4.965	128	29459	5.894	ug/L	97
25) Chloroform	5.078	83	114664	5.561	ug/L	99

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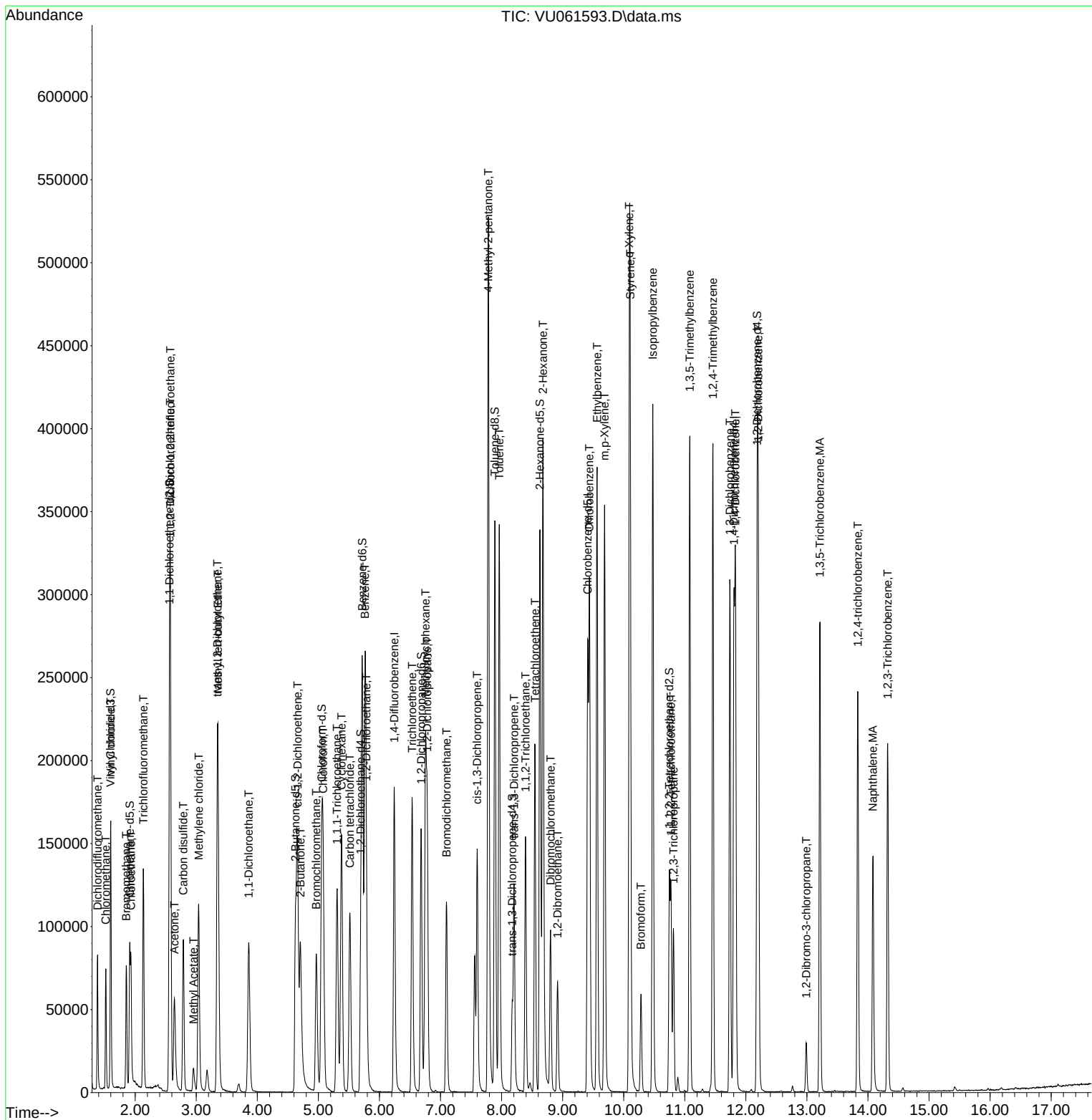
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 ClientSampleId :

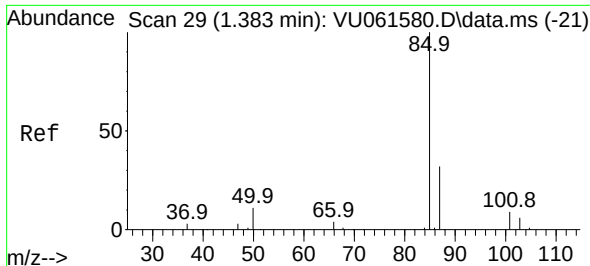
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	71536	5.490	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	91058	4.971	ug/L	99
30) Cyclohexane	5.377	56	78376	4.266	ug/L	99
31) Carbon tetrachloride	5.515	117	74819	4.774	ug/L	99
33) Benzene	5.763	78	241412	5.218	ug/L	100
34) Trichloroethene	6.534	95	63141	5.018	ug/L	98
35) Methylcyclohexane	6.753	83	86165	4.302	ug/L	99
37) 1,2-Dichloropropane	6.782	63	65170	5.558	ug/L	100
38) Bromodichloromethane	7.097	83	77783	5.241	ug/L	99
39) cis-1,3-Dichloropropene	7.599	75	91878	5.073	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	332755	57.018	ug/L	99
42) Toluene	7.962	91	258176	5.139	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	73811	5.002	ug/L	99
45) 1,1,2-Trichloroethane	8.390	97	48616	5.761	ug/L	97
47) Tetrachloroethene	8.547	164	45149	5.137	ug/L	97
48) 2-Hexanone	8.676	43	239188	57.959	ug/L	98
49) Dibromochloromethane	8.801	129	49820	5.205	ug/L	96
50) 1,2-Dibromoethane	8.914	107	45458	5.545	ug/L	94
51) Chlorobenzene	9.438	112	169127	5.326	ug/L	97
52) Ethylbenzene	9.563	91	275284	4.982	ug/L	100
53) m,p-Xylene	9.685	106	104425	4.960	ug/L	97
54) o-Xylene	10.090	106	104082	5.010	ug/L	96
55) Styrene	10.107	104	168719	5.065	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	59921	5.893	ug/L	99
59) Bromoform	10.280	173	26596	4.749	ug/L	98
60) Isopropylbenzene	10.476	105	273771	4.737	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	41426	5.497	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	215914	4.589	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	215325	4.630	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	125455	5.158	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	124372	5.016	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	121680	5.315	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	7509	4.745	ug/L	95
69) 1,3,5-Trichlorobenzene	13.212	180	88680	5.319	ug/L	97
70) 1,2,4-trichlorobenzene	13.833	180	74006	5.500	ug/L	98
71) Naphthalene	14.081	128	123049	5.796	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	65918	5.856	ug/L	99

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

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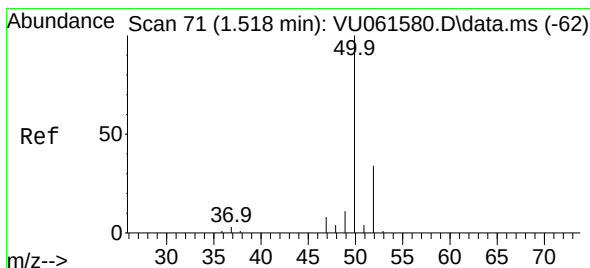
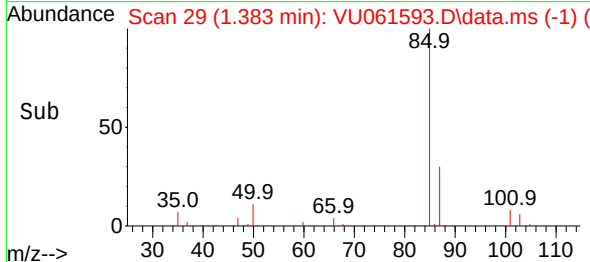
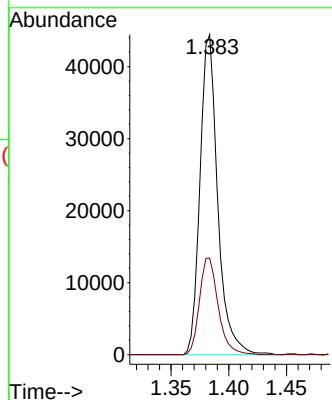
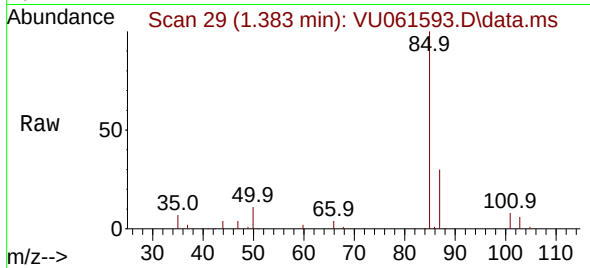




#2
 Dichlorodifluoromethane
 Concen: 4.465 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU061593.D
 Acq: 11 Nov 2024 20:49

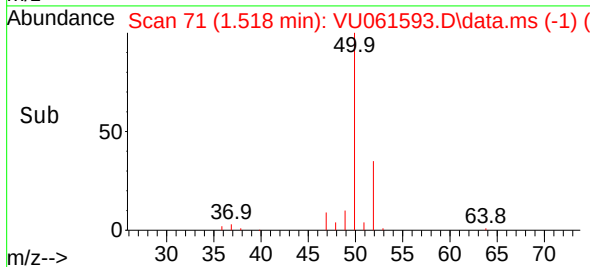
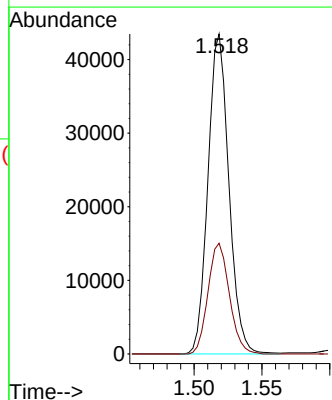
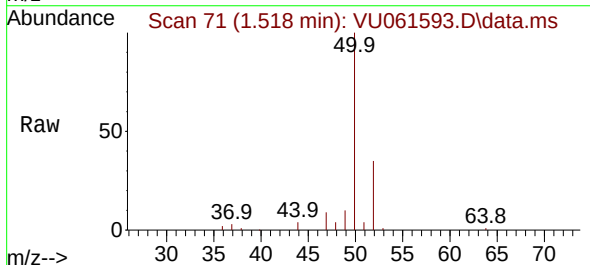
Instrument :
 MSVOA_U
 ClientSampleId :

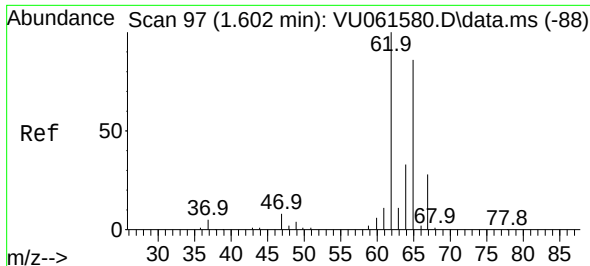
Tgt Ion: 85 Resp: 47350
 Ion Ratio Lower Upper
 85 100
 87 31.9 25.7 38.5



#3
 Chloromethane
 Concen: 4.170 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VU061593.D
 Acq: 11 Nov 2024 20:49

Tgt Ion: 50 Resp: 46632
 Ion Ratio Lower Upper
 50 100
 52 34.6 23.4 43.4

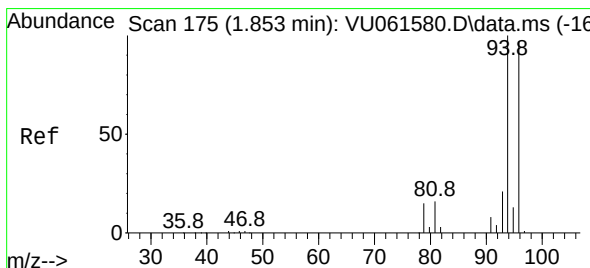
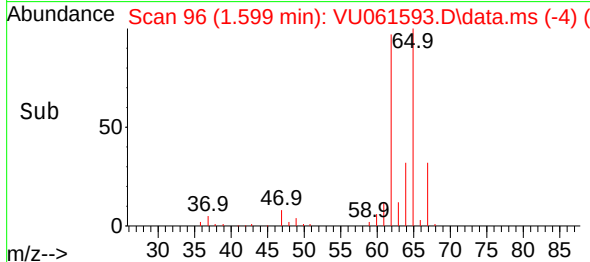
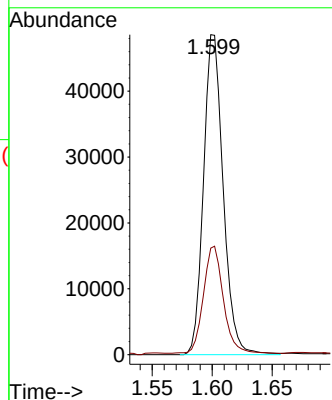
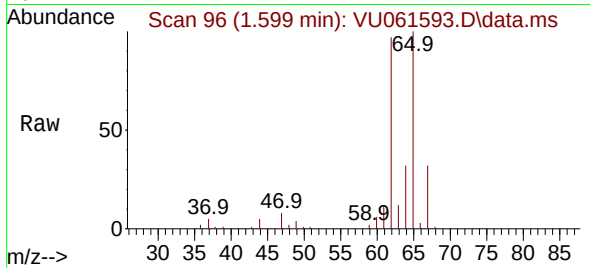




#5
Vinyl chloride
Concen: 4.513 ug/L
RT: 1.599 min Scan# 90
Delta R.T. -0.003 min
Lab File: VU061593.D
Acq: 11 Nov 2024 20:49

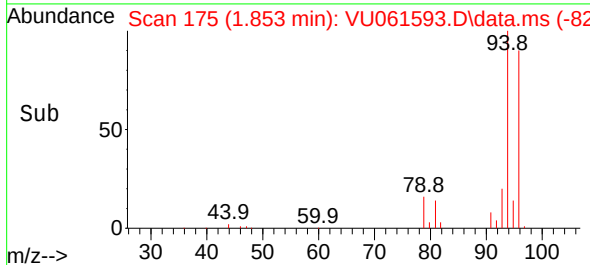
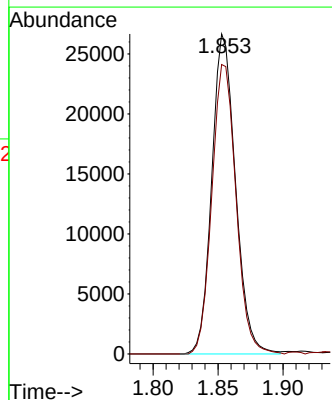
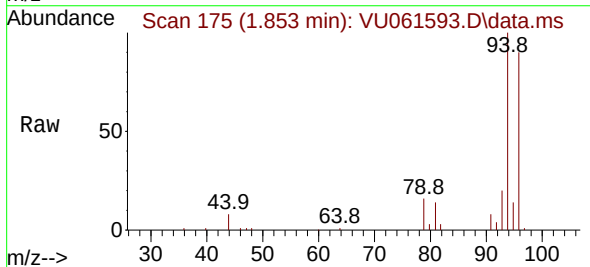
Instrument :
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ClientSampleId :

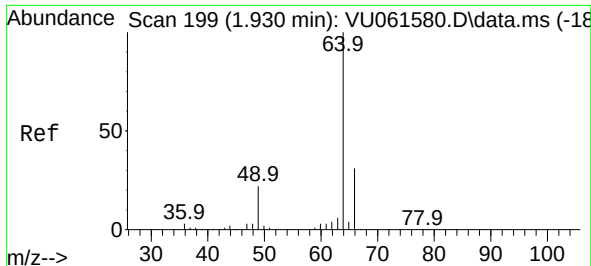
Tgt Ion: 62 Resp: 55490
Ion Ratio Lower Upper
62 100
64 33.3 22.6 42.0



#6
Bromomethane
Concen: 4.160 ug/L
RT: 1.853 min Scan# 175
Delta R.T. 0.000 min
Lab File: VU061593.D
Acq: 11 Nov 2024 20:49

Tgt Ion: 94 Resp: 33887
Ion Ratio Lower Upper
94 100
96 90.5 66.9 124.3

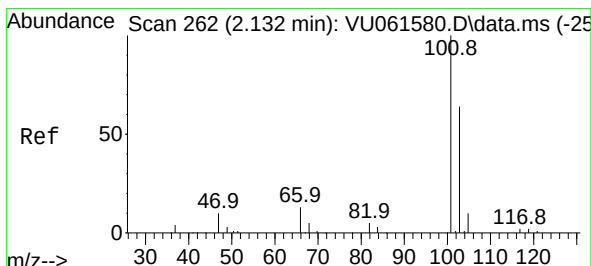
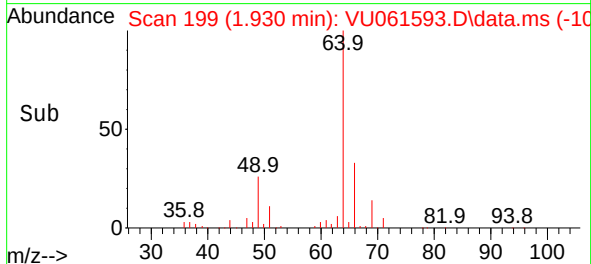
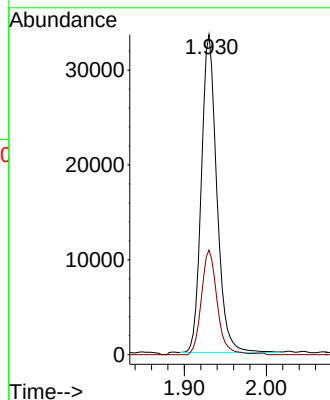
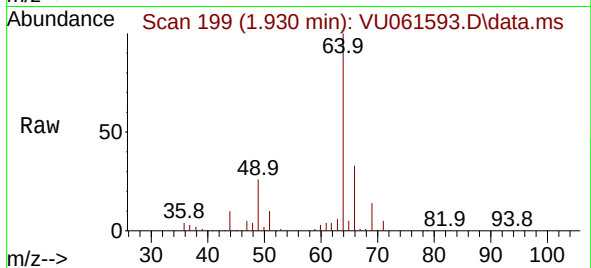




#8
Chloroethane
Concen: 4.844 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU061593.D
Acq: 11 Nov 2024 20:49

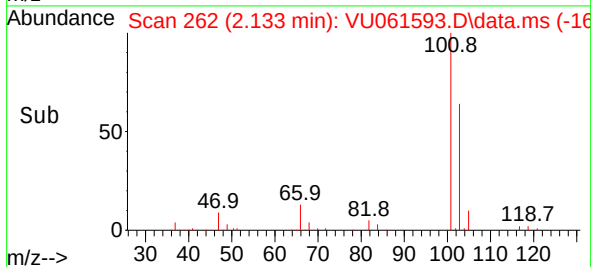
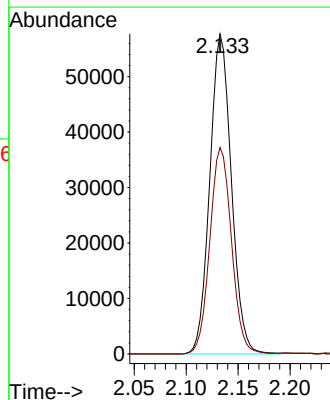
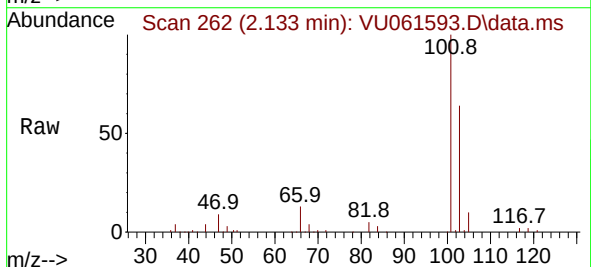
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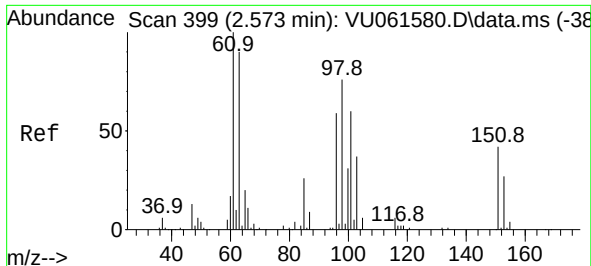
Tgt Ion: 64 Resp: 43844
Ion Ratio Lower Upper
64 100
66 32.7 23.1 42.9



#9
Trichlorofluoromethane
Concen: 4.994 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU061593.D
Acq: 11 Nov 2024 20:49

Tgt Ion:101 Resp: 83396
Ion Ratio Lower Upper
101 100
103 64.7 50.6 75.8

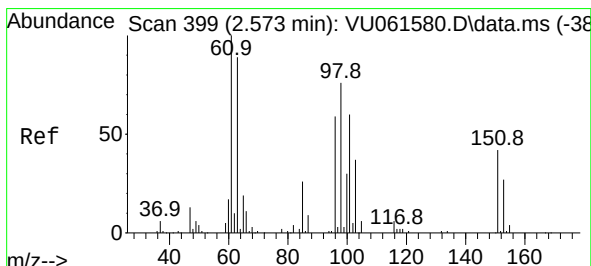
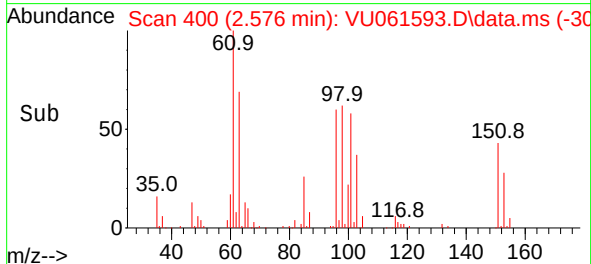
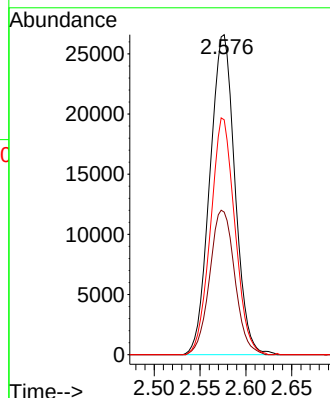
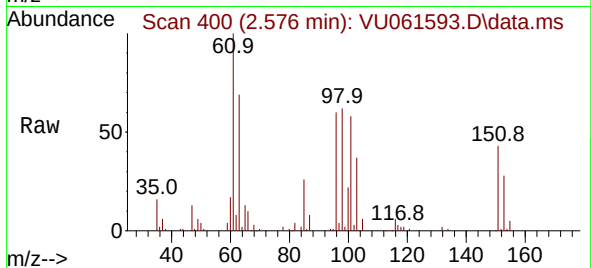




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.089 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU061593.D
Acq: 11 Nov 2024 20:49

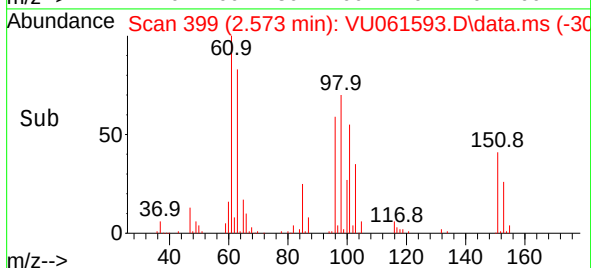
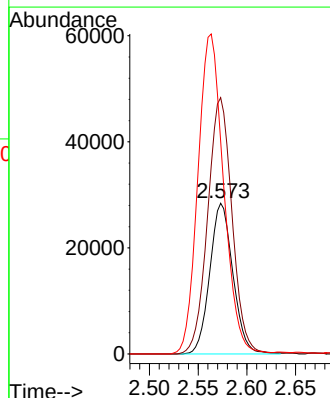
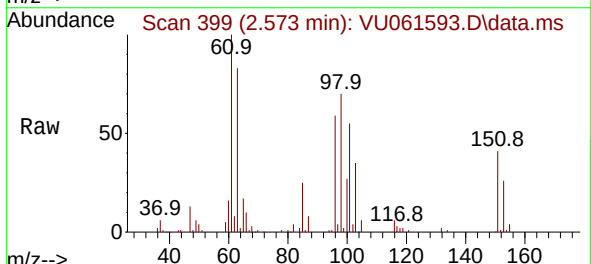
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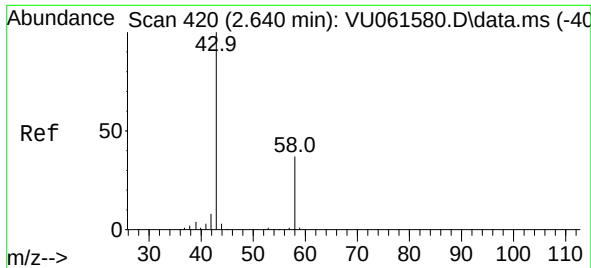
Tgt Ion:101 Resp: 50456
Ion Ratio Lower Upper
101 100
85 45.2 35.6 53.4
151 72.0 55.9 83.9



#12
1,1-Dichloroethene
Concen: 4.986 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU061593.D
Acq: 11 Nov 2024 20:49

Tgt Ion: 96 Resp: 46884
Ion Ratio Lower Upper
96 100
61 170.1 119.1 221.1
63 141.0 89.4 166.0





#13

Acetone

Concen: 55.274 ug/L

RT: 2.641 min Scan# 41

Delta R.T. 0.000 min

Lab File: VU061593.D

Acq: 11 Nov 2024 20:49

Instrument :

MSVOA_U

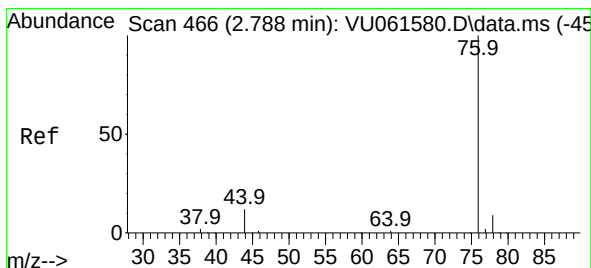
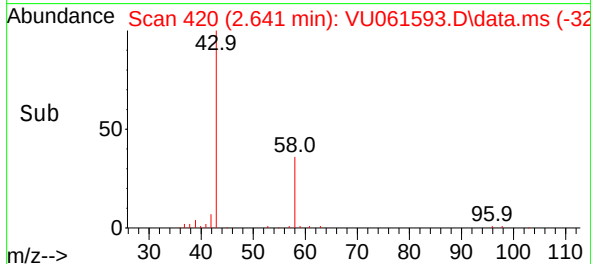
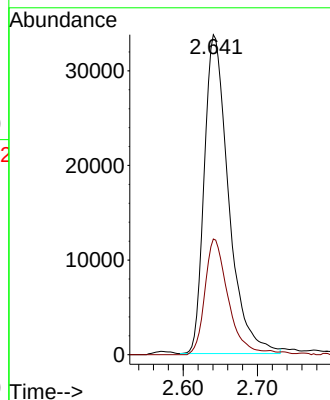
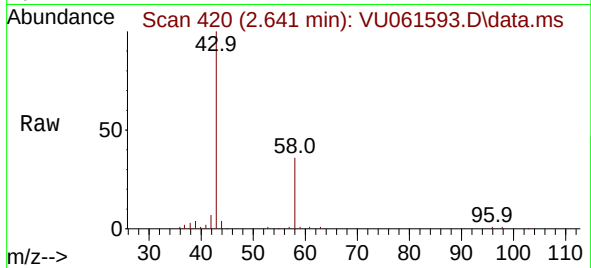
ClientSampleId :

Tgt Ion: 43 Resp: 76798

Ion Ratio Lower Upper

43 100

58 34.3 0.0 73.2



#14

Carbon disulfide

Concen: 3.906 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU061593.D

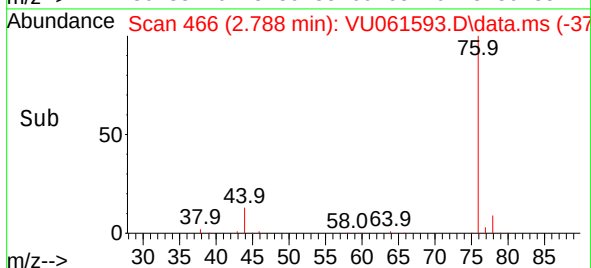
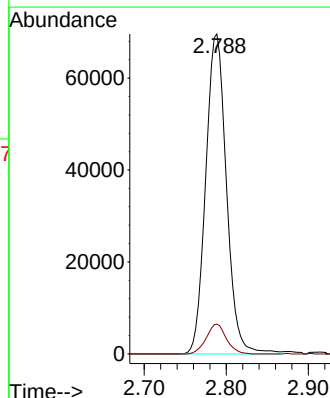
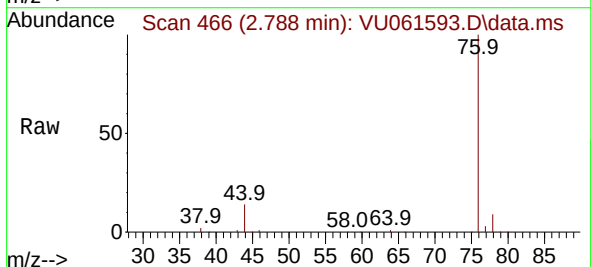
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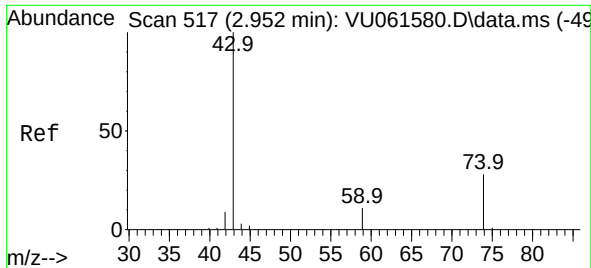
Tgt Ion: 76 Resp: 122549

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.2

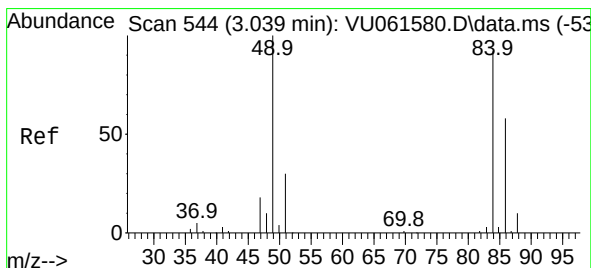
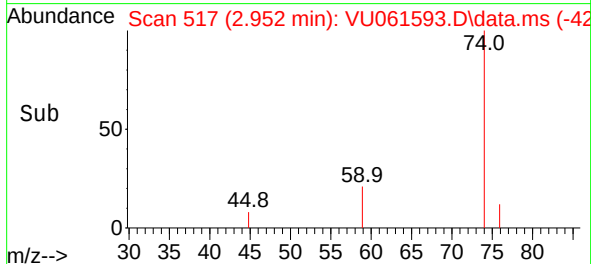
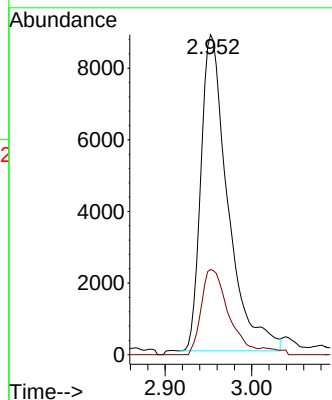
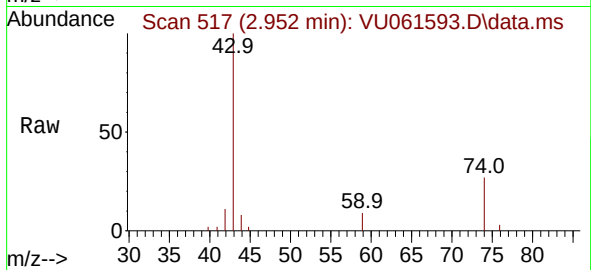




#15
Methyl Acetate
Concen: 5.551 ug/L
RT: 2.952 min Scan# 517
Delta R.T. 0.000 min
Lab File: VU061593.D
Acq: 11 Nov 2024 20:49

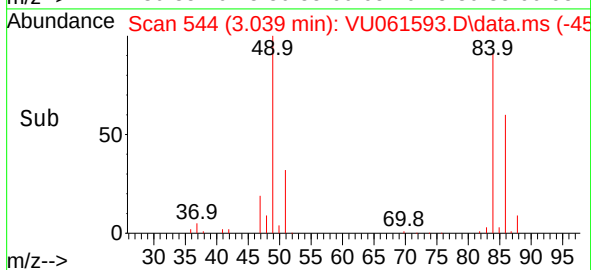
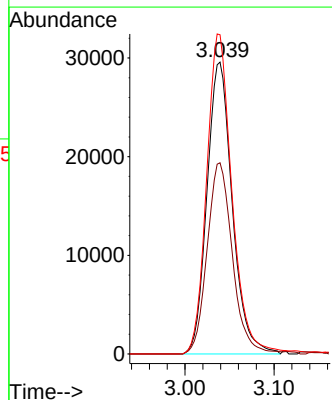
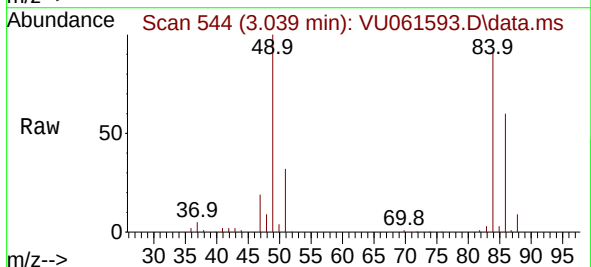
Instrument :
MSVOA_U
ClientSampleId :

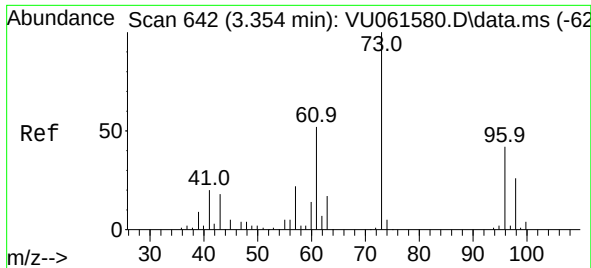
Tgt Ion: 43 Resp: 19098
Ion Ratio Lower Upper
43 100
74 27.0 22.2 33.4



#16
Methylene chloride
Concen: 5.262 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU061593.D
Acq: 11 Nov 2024 20:49

Tgt Ion: 84 Resp: 58305
Ion Ratio Lower Upper
84 100
86 65.5 43.5 80.7
49 109.4 75.7 140.7



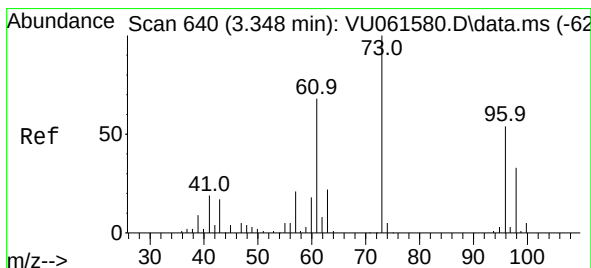
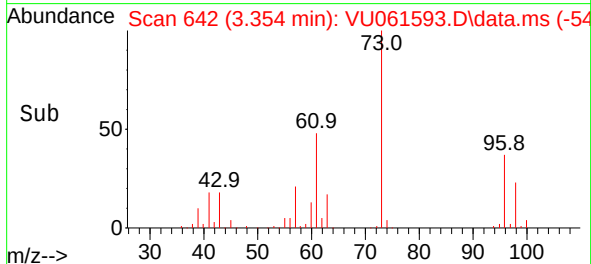
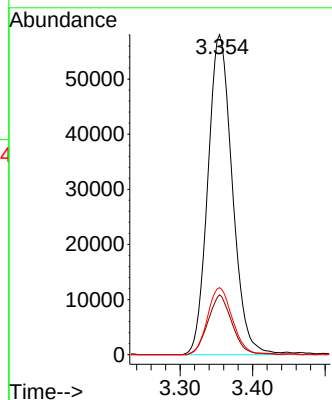
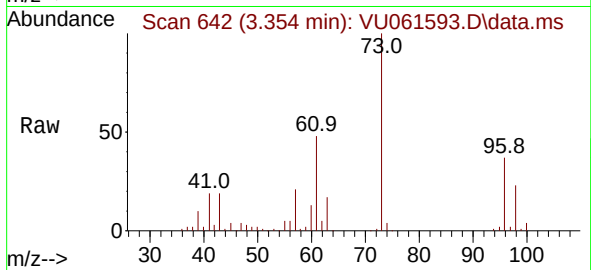


#17
Methyl tert-butyl Ether
Concen: 5.333 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU061593.D
Acq: 11 Nov 2024 20:49

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 73 Resp: 135918

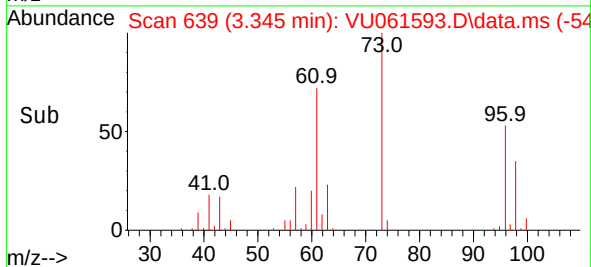
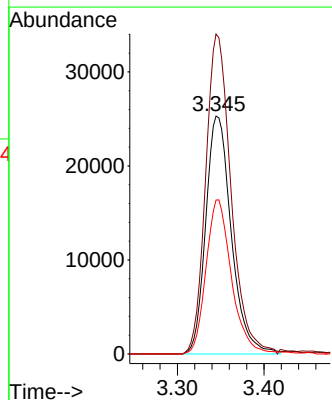
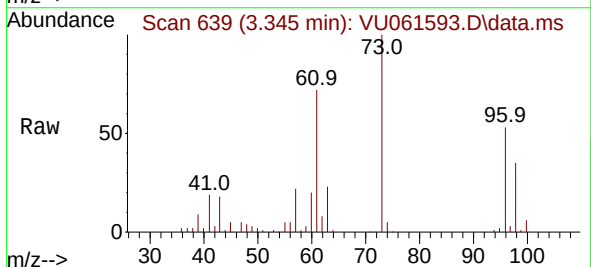
Ion	Ratio	Lower	Upper
73	100		
43	18.5	15.0	22.4
57	21.4	17.0	25.6

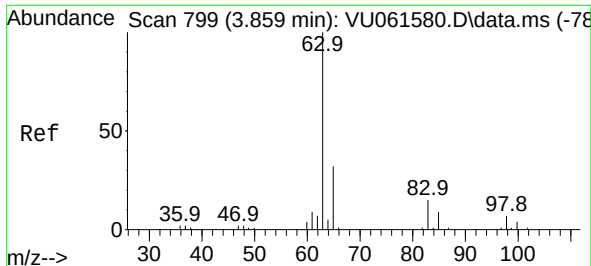


#18
trans-1,2-Dichloroethene
Concen: 5.000 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU061593.D
Acq: 11 Nov 2024 20:49

Tgt Ion: 96 Resp: 51987

Ion	Ratio	Lower	Upper
96	100		
61	134.5	97.9	181.7
98	64.7	46.2	85.8

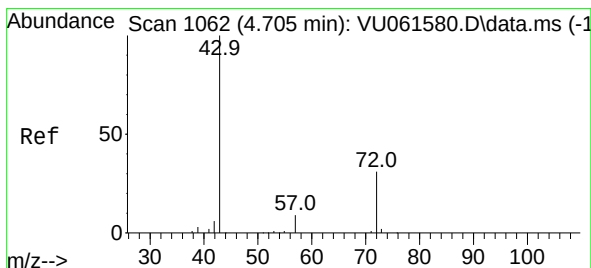
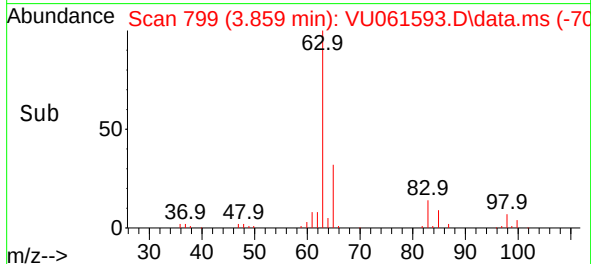
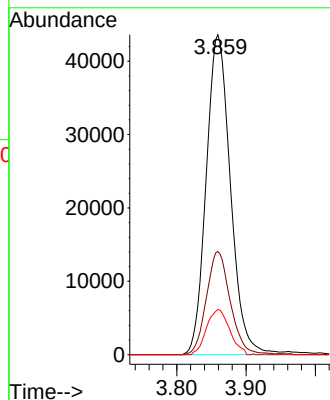
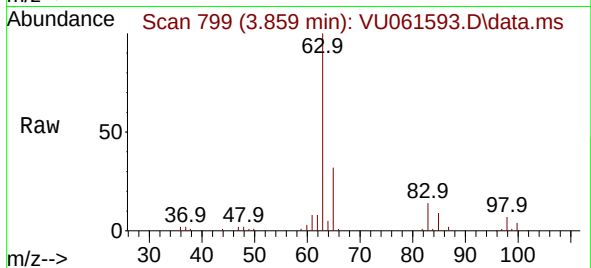




#19
1,1-Dichloroethane
Concen: 5.405 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU061593.D
Acq: 11 Nov 2024 20:49

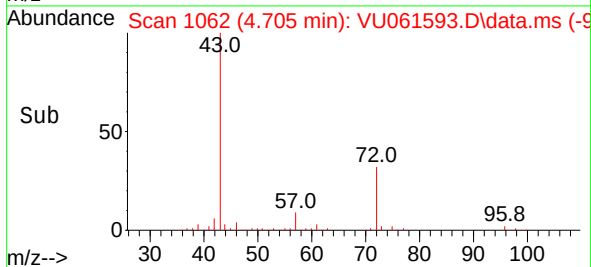
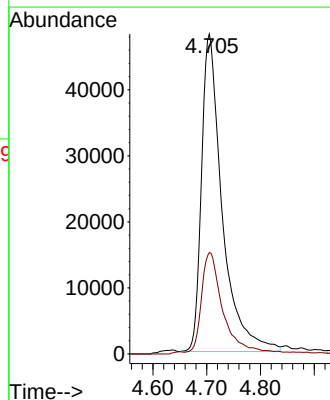
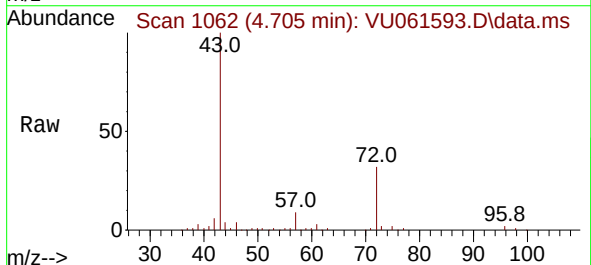
Instrument :
MSVOA_U
ClientSampleId :

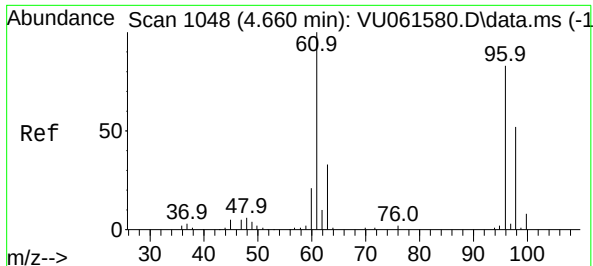
Tgt Ion: 63 Resp: 106011
Ion Ratio Lower Upper
63 100
65 32.3 23.0 42.6
83 14.1 9.7 17.9



#21
2-Butanone
Concen: 58.230 ug/L
RT: 4.705 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VU061593.D
Acq: 11 Nov 2024 20:49

Tgt Ion: 43 Resp: 128259
Ion Ratio Lower Upper
43 100
72 32.0 15.9 47.6

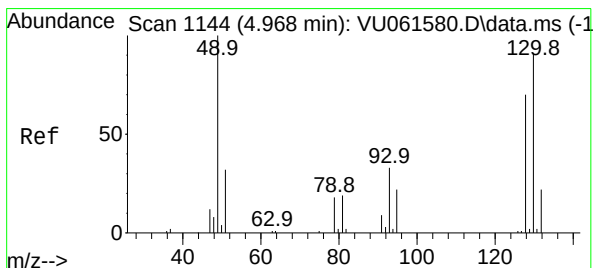
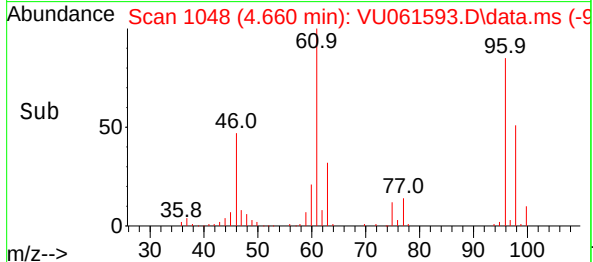
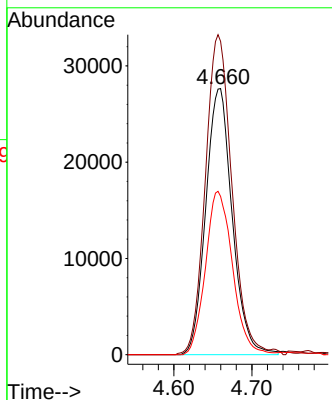
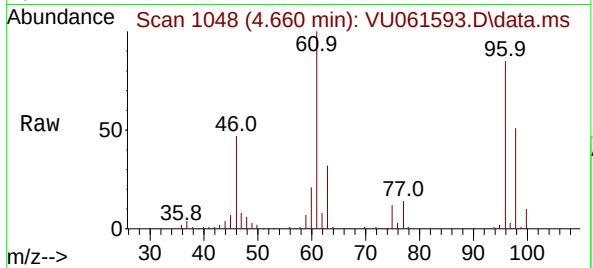




#22
cis-1,2-Dichloroethene
Concen: 5.495 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.000 min
Lab File: VU061593.D
Acq: 11 Nov 2024 20:49

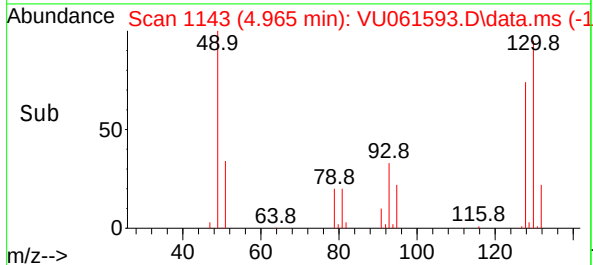
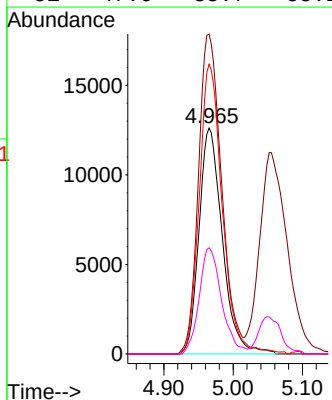
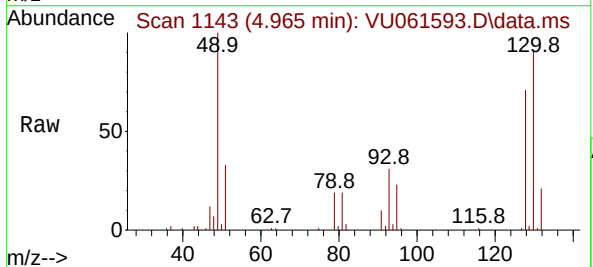
Instrument :
MSVOA_U
ClientSampleId :

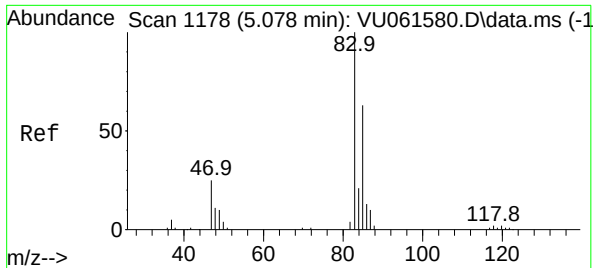
Tgt Ion: 96 Resp: 65271
Ion Ratio Lower Upper
96 100
61 117.8 88.1 163.5
98 59.5 45.0 83.6



#23
Bromochloromethane
Concen: 5.894 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. -0.003 min
Lab File: VU061593.D
Acq: 11 Nov 2024 20:49

Tgt Ion:128 Resp: 29459
Ion Ratio Lower Upper
128 100
49 141.7 105.1 195.1
130 128.3 89.6 166.4
51 47.0 38.7 58.1





#25

Chloroform

Concen: 5.561 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU061593.D

Acq: 11 Nov 2024 20:49

Instrument :

MSVOA_U

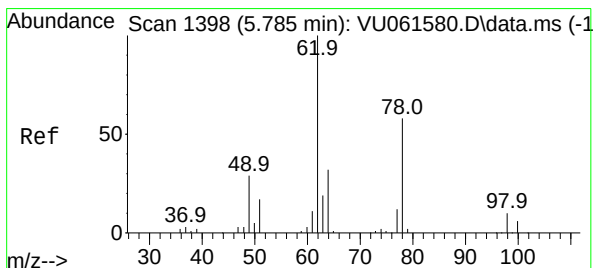
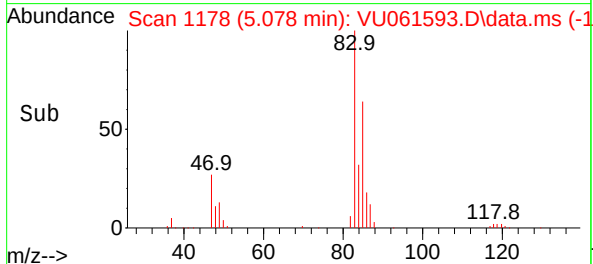
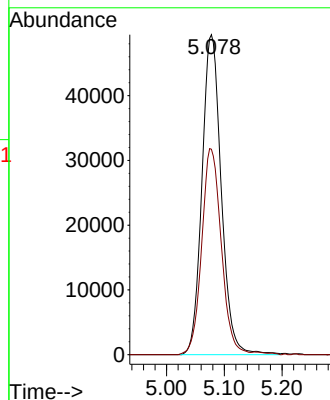
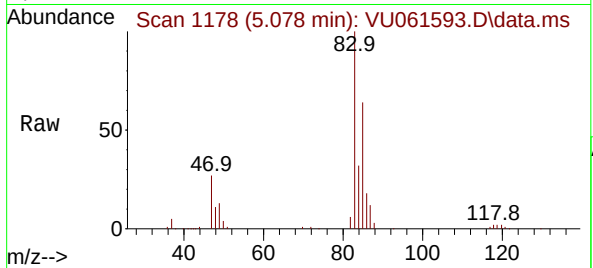
ClientSampleId :

Tgt Ion: 83 Resp: 114664

Ion Ratio Lower Upper

83 100

85 64.2 45.6 84.6



#27

1,2-Dichloroethane

Concen: 5.490 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VU061593.D

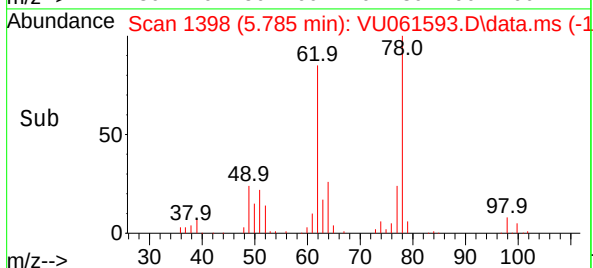
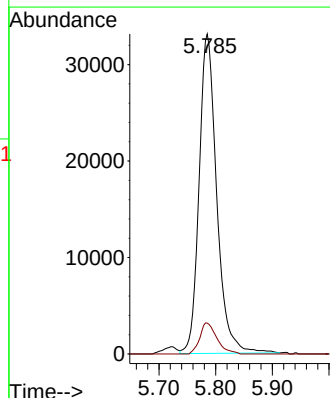
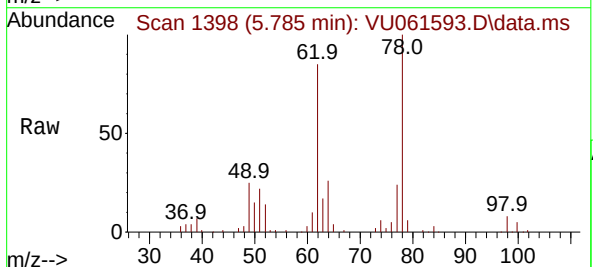
Acq: 11 Nov 2024 20:49

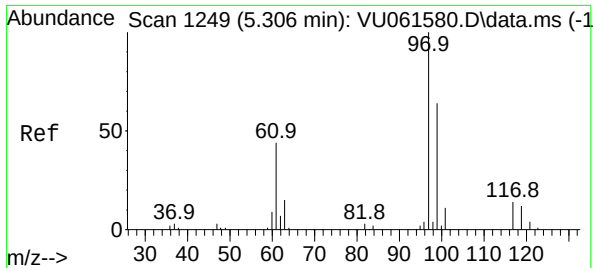
Tgt Ion: 62 Resp: 71536

Ion Ratio Lower Upper

62 100

98 9.6 7.4 11.0

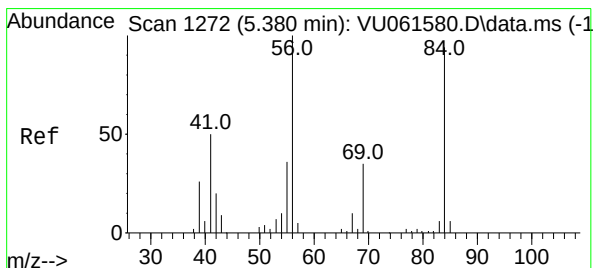
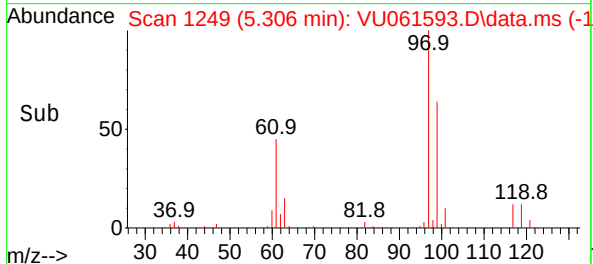
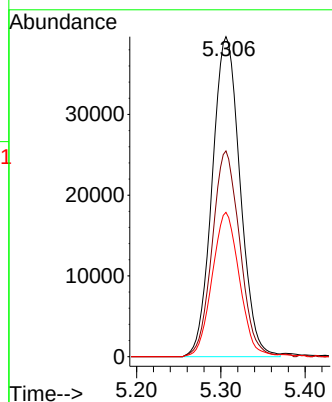
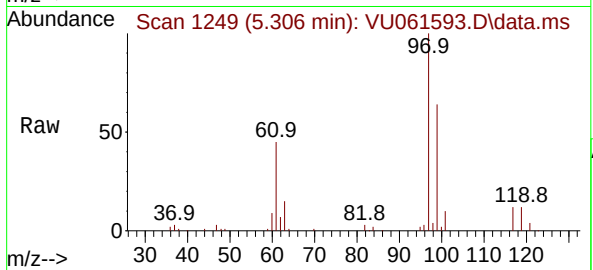




#29
1,1,1-Trichloroethane
Concen: 4.971 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU061593.D
Acq: 11 Nov 2024 20:49

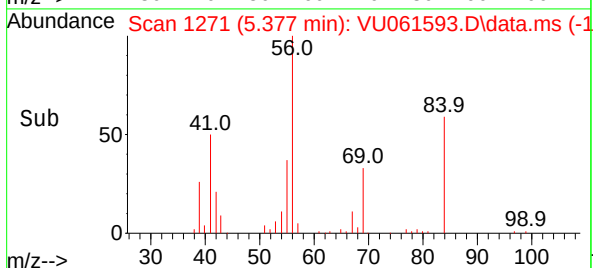
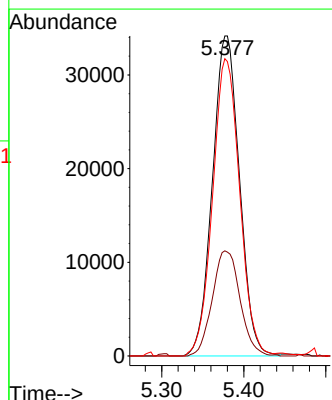
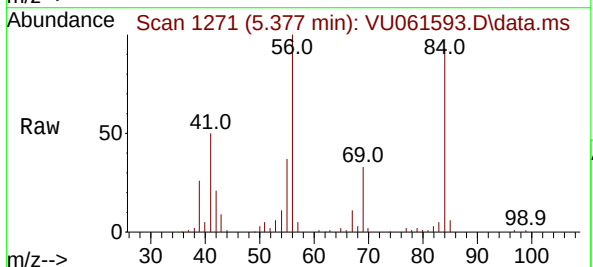
Instrument :
MSVOA_U
ClientSampleId :

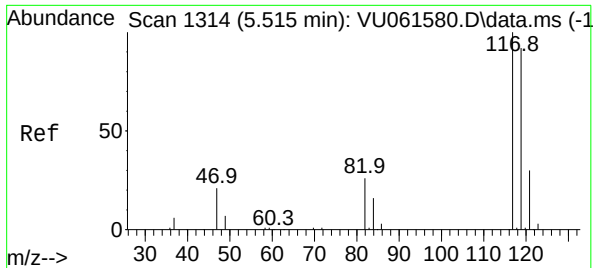
Tgt Ion: 97 Resp: 91058
Ion Ratio Lower Upper
97 100
99 63.5 50.8 76.2
61 44.1 36.1 54.1



#30
Cyclohexane
Concen: 4.266 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. -0.003 min
Lab File: VU061593.D
Acq: 11 Nov 2024 20:49

Tgt Ion: 56 Resp: 78376
Ion Ratio Lower Upper
56 100
69 33.7 25.8 38.6
84 92.9 73.9 110.9

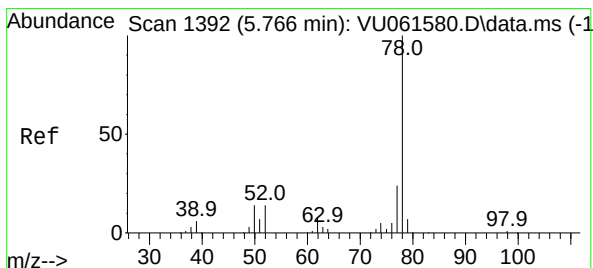
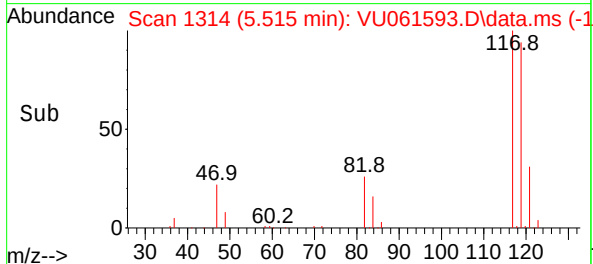
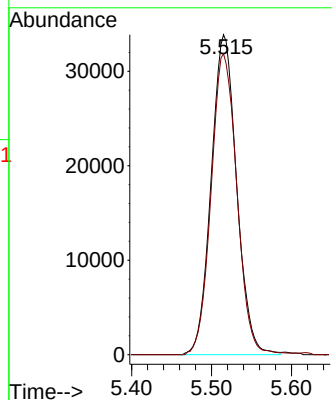
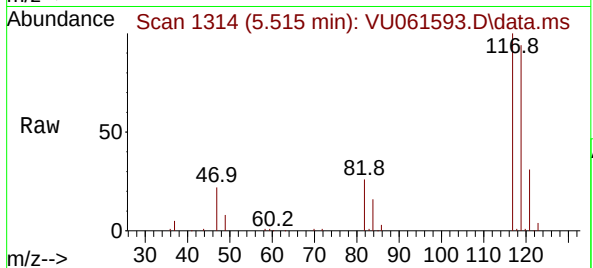




#31
Carbon tetrachloride
Concen: 4.774 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VU061593.D
Acq: 11 Nov 2024 20:49

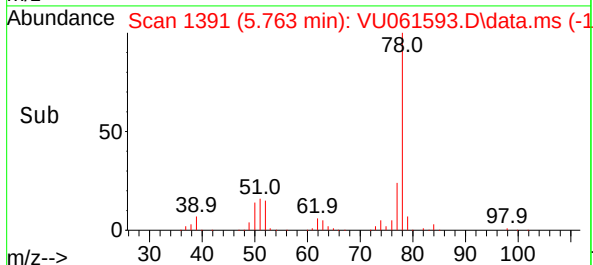
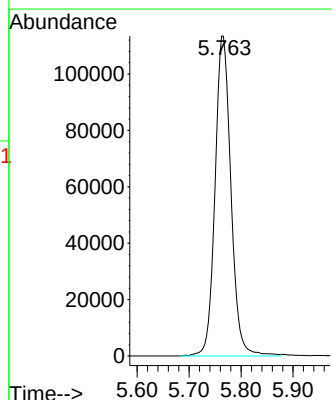
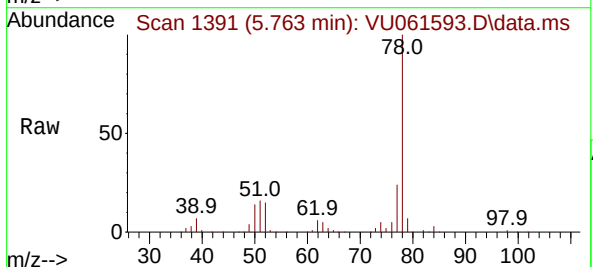
Instrument :
MSVOA_U
ClientSampleId :

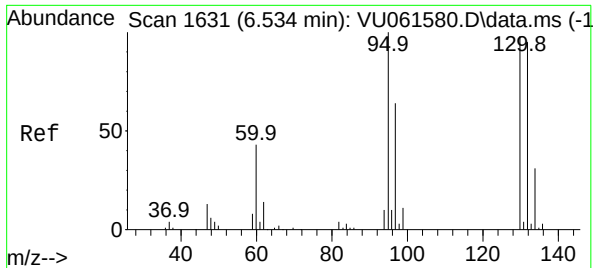
Tgt Ion:117 Resp: 74819
Ion Ratio Lower Upper
117 100
119 95.2 75.5 113.3



#33
Benzene
Concen: 5.218 ug/L
RT: 5.763 min Scan# 1391
Delta R.T. -0.003 min
Lab File: VU061593.D
Acq: 11 Nov 2024 20:49

Tgt Ion: 78 Resp: 241412

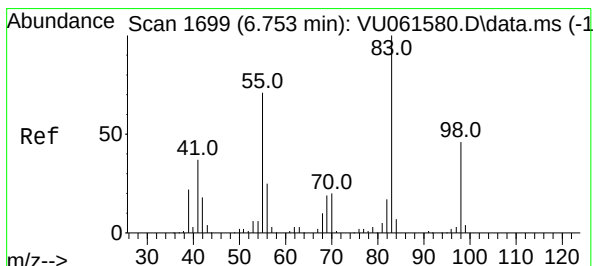
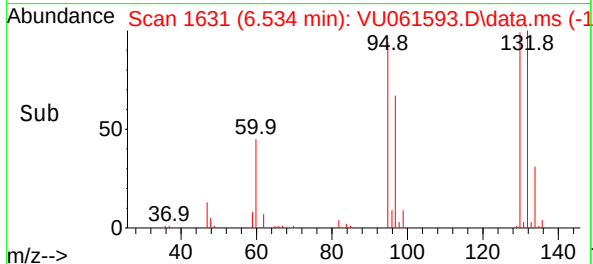
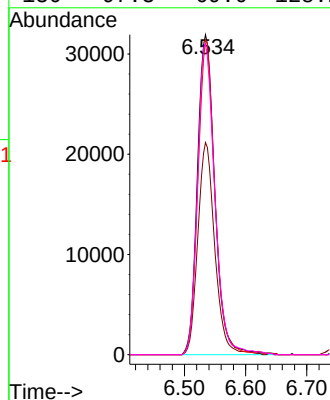
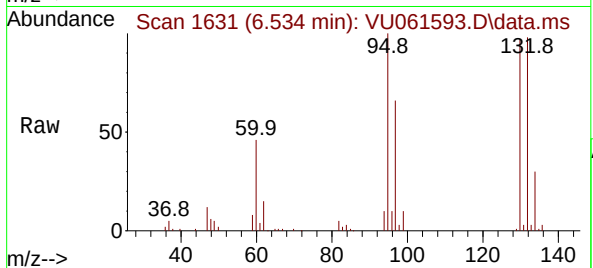




#34
Trichloroethene
Concen: 5.018 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VU061593.D
Acq: 11 Nov 2024 20:49

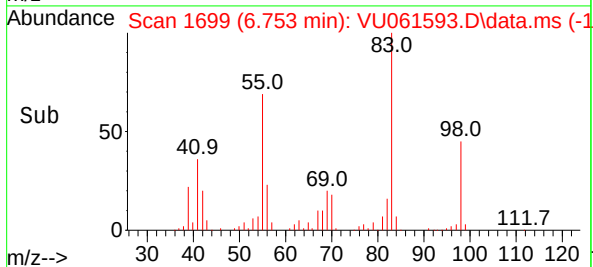
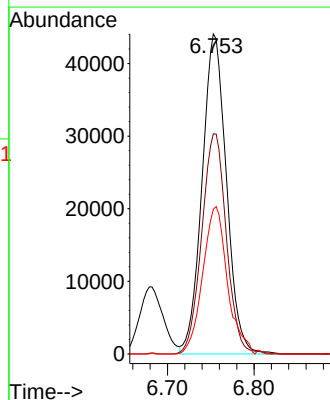
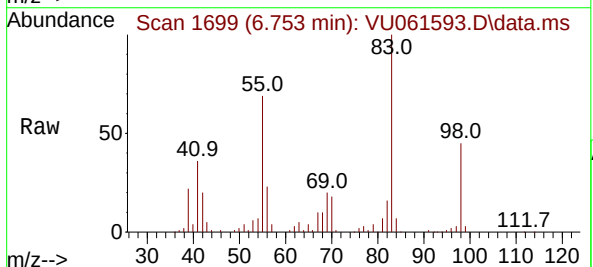
Instrument :
MSVOA_U
ClientSampleId :

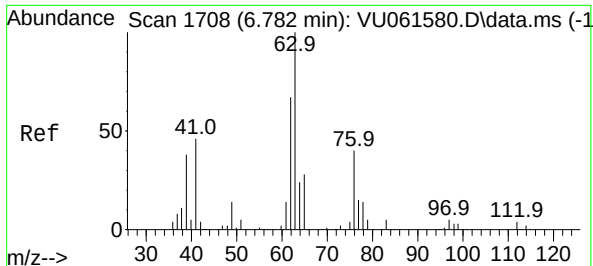
Tgt Ion: 95 Resp: 63141
Ion Ratio Lower Upper
95 100
97 66.3 46.1 85.7
132 98.4 66.1 122.7
130 97.3 69.0 128.2



#35
Methylcyclohexane
Concen: 4.302 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VU061593.D
Acq: 11 Nov 2024 20:49

Tgt Ion: 83 Resp: 86165
Ion Ratio Lower Upper
83 100
55 69.5 55.9 83.9
98 46.7 35.9 53.9

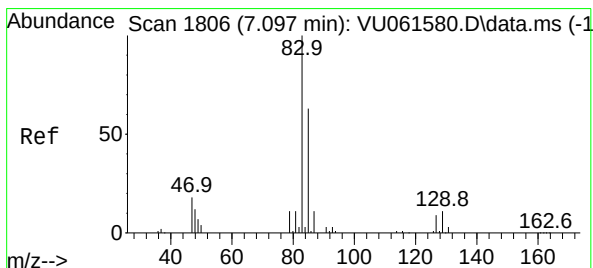
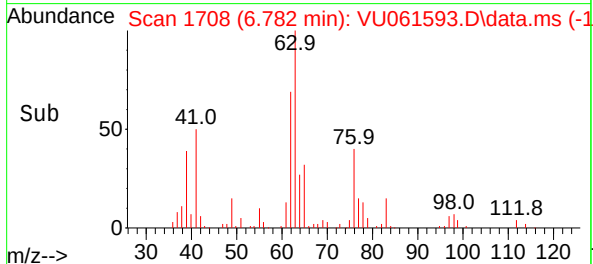
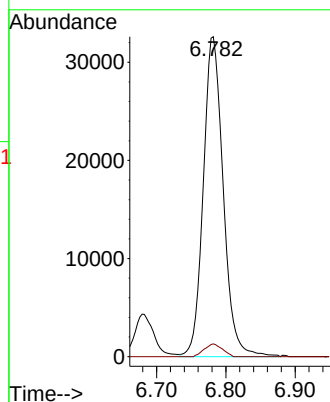
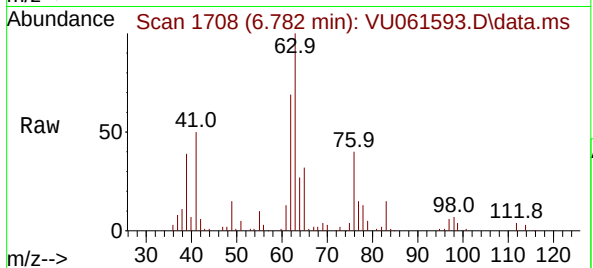




#37
1,2-Dichloropropane
Concen: 5.558 ug/L
RT: 6.782 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU061593.D
Acq: 11 Nov 2024 20:49

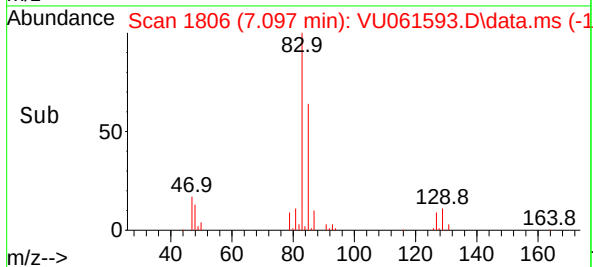
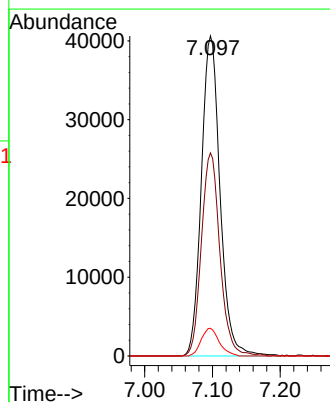
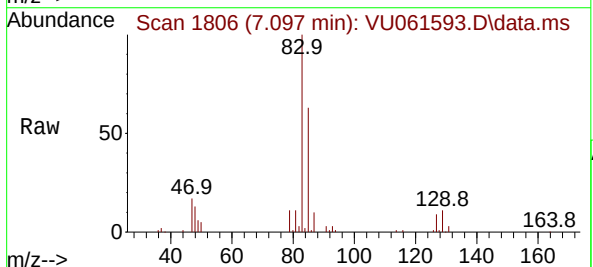
Instrument :
MSVOA_U
ClientSampleId :

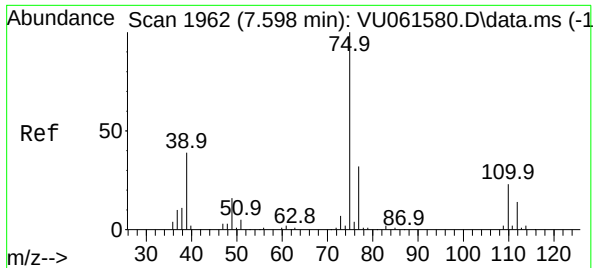
Tgt Ion: 63 Resp: 65170
Ion Ratio Lower Upper
63 100
112 3.6 3.0 4.4



#38
Bromodichloromethane
Concen: 5.241 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU061593.D
Acq: 11 Nov 2024 20:49

Tgt Ion: 83 Resp: 77783
Ion Ratio Lower Upper
83 100
85 63.4 43.8 81.4
127 8.6 7.4 11.0

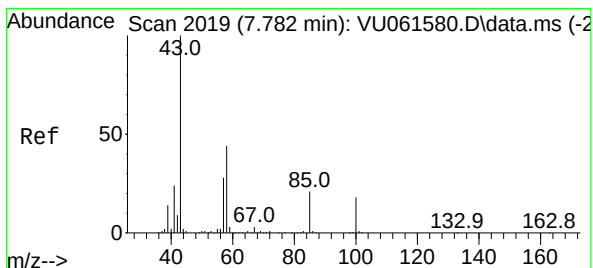
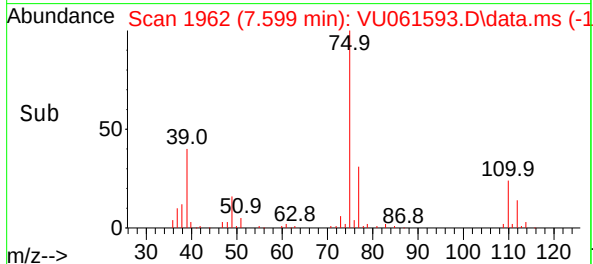
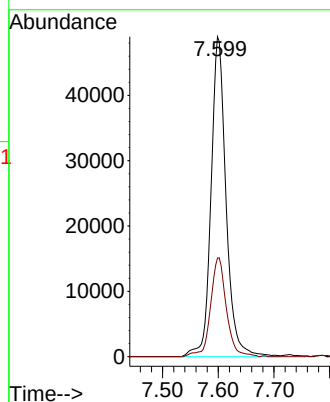
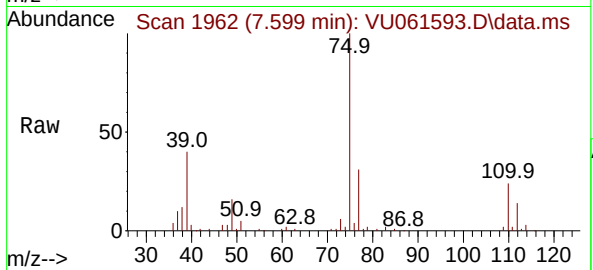




#39
 cis-1,3-Dichloropropene
 Concen: 5.073 ug/L
 RT: 7.599 min Scan# 1962
 Delta R.T. 0.000 min
 Lab File: VU061593.D
 Acq: 11 Nov 2024 20:49

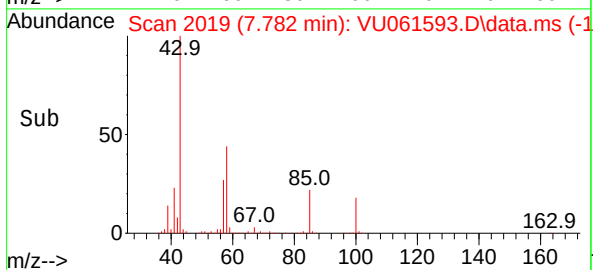
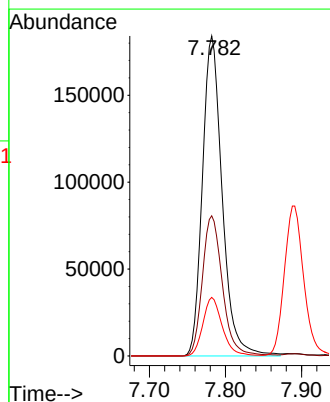
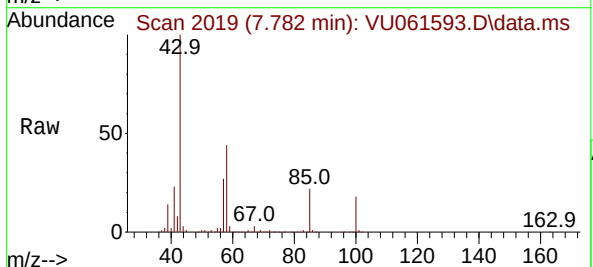
Instrument :
 MSVOA_U
 ClientSampleId :

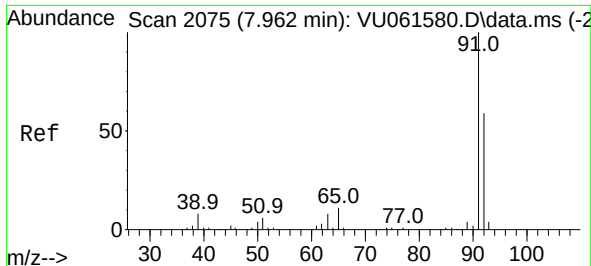
Tgt Ion: 75 Resp: 91878
 Ion Ratio Lower Upper
 75 100
 77 30.8 22.5 41.7



#40
 4-Methyl-2-pentanone
 Concen: 57.018 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VU061593.D
 Acq: 11 Nov 2024 20:49

Tgt Ion: 43 Resp: 332755
 Ion Ratio Lower Upper
 43 100
 58 44.5 35.1 52.7
 100 18.0 14.0 21.0





#42

Toluene

Concen: 5.139 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU061593.D

Acq: 11 Nov 2024 20:49

Instrument :

MSVOA_U

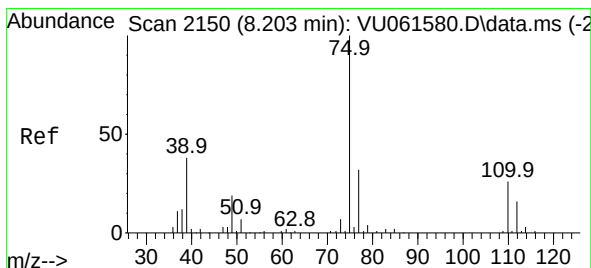
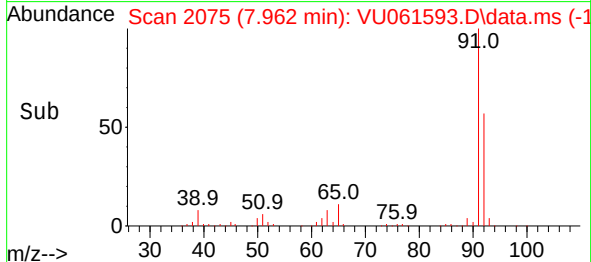
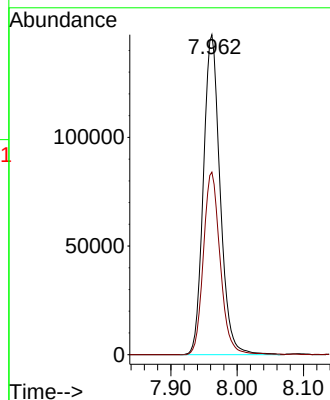
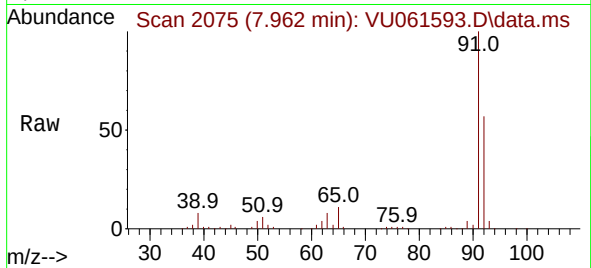
ClientSampleId :

Tgt Ion: 91 Resp: 258176

Ion Ratio Lower Upper

91 100

92 57.0 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 5.002 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU061593.D

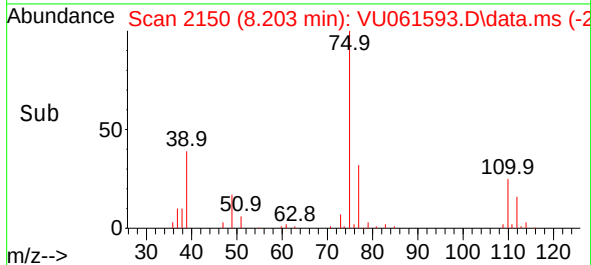
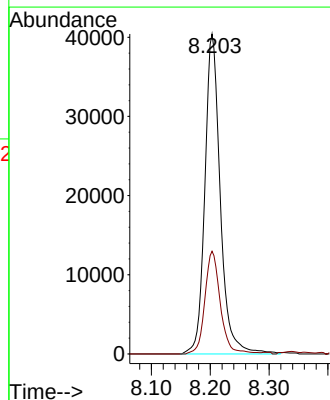
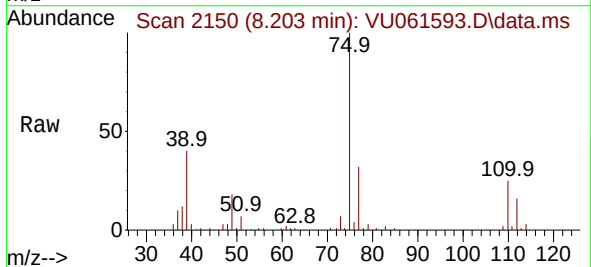
Acq: 11 Nov 2024 20:49

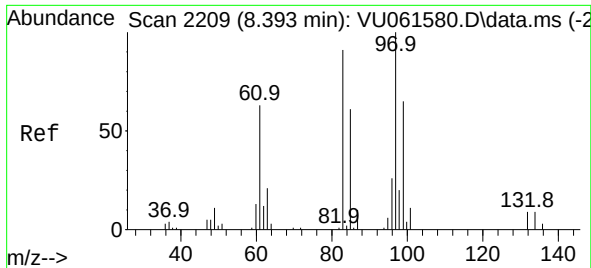
Tgt Ion: 75 Resp: 73811

Ion Ratio Lower Upper

75 100

77 32.1 22.0 40.8

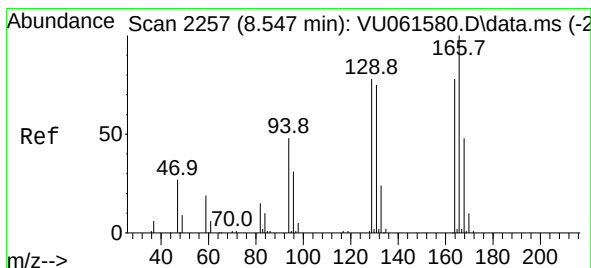
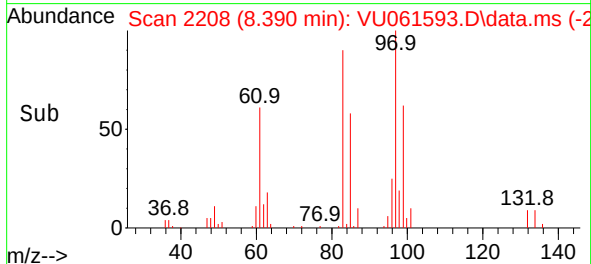
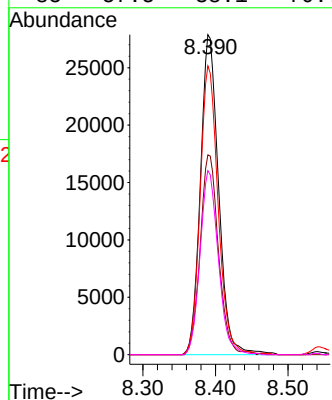
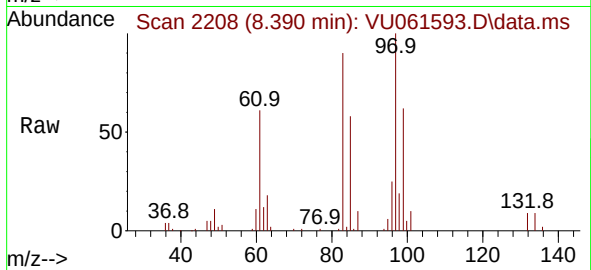




#45
1,1,2-Trichloroethane
Concen: 5.761 ug/L
RT: 8.390 min Scan# 2209
Delta R.T. -0.003 min
Lab File: VU061593.D
Acq: 11 Nov 2024 20:49

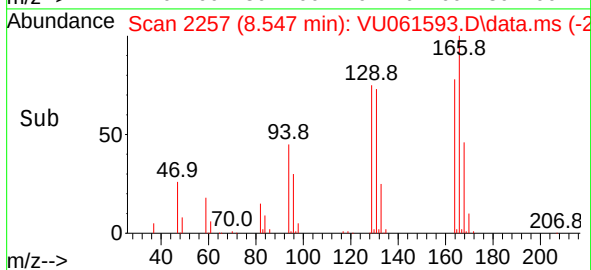
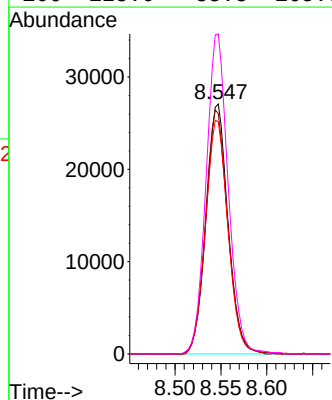
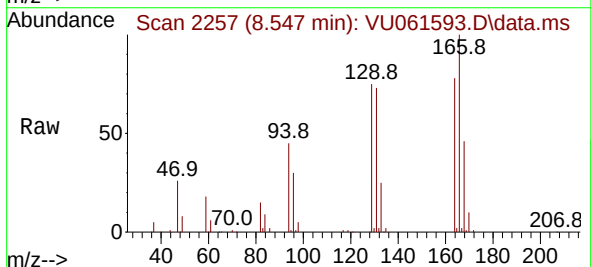
Instrument :
MSVOA_U
ClientSampleId :

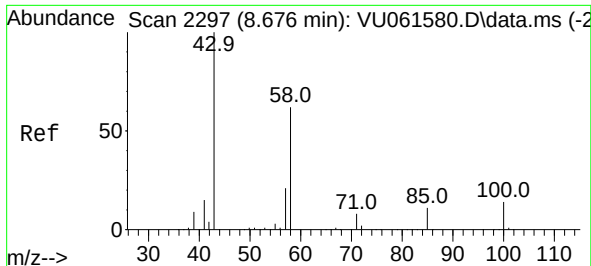
Tgt Ion:	97	Resp:	48616
Ion	Ratio	Lower	Upper
97	100		
99	62.4	44.1	81.9
83	90.2	61.2	113.6
85	57.5	38.1	70.7



#47
Tetrachloroethene
Concen: 5.137 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU061593.D
Acq: 11 Nov 2024 20:49

Tgt Ion:	164	Resp:	45149
Ion	Ratio	Lower	Upper
164	100		
129	96.2	69.9	129.7
131	92.9	68.3	126.8
166	128.0	88.8	165.0





#48

2-Hexanone

Concen: 57.959 ug/L

RT: 8.676 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VU061593.D

Acq: 11 Nov 2024 20:49

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 43 Resp: 239188

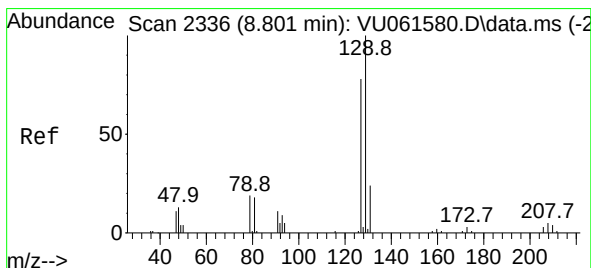
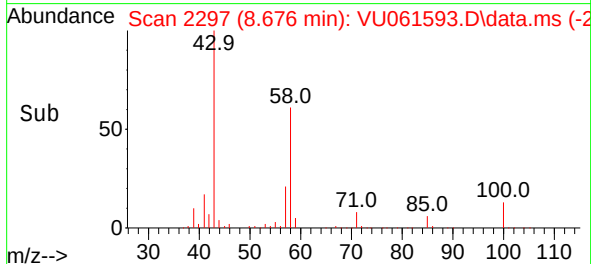
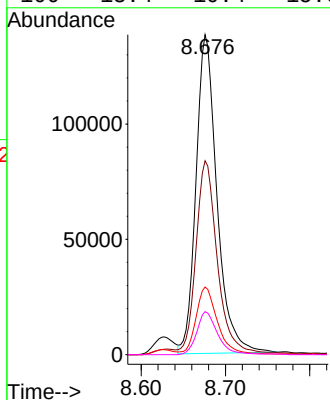
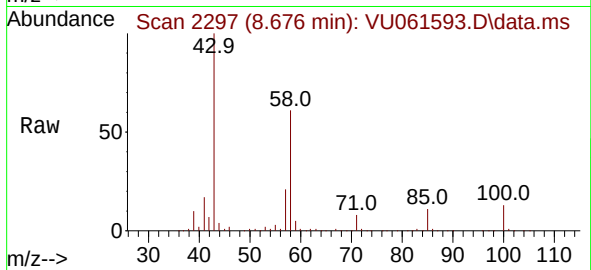
Ion Ratio Lower Upper

43 100

58 62.3 48.6 72.8

57 21.6 17.0 25.6

100 13.4 10.4 15.6



#49

Dibromochloromethane

Concen: 5.205 ug/L

RT: 8.801 min Scan# 2336

Delta R.T. 0.000 min

Lab File: VU061593.D

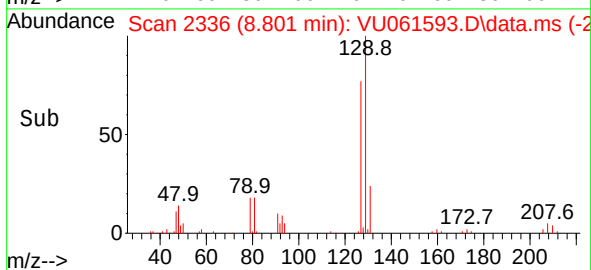
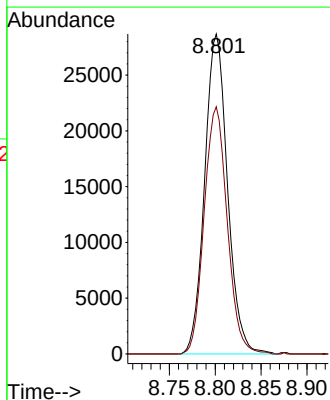
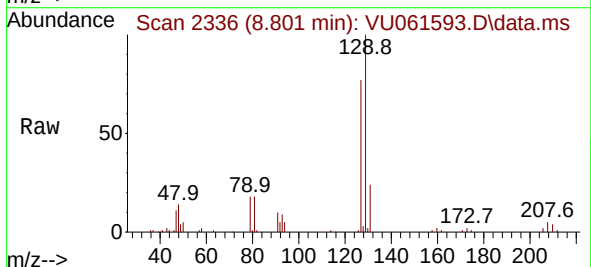
Acq: 11 Nov 2024 20:49

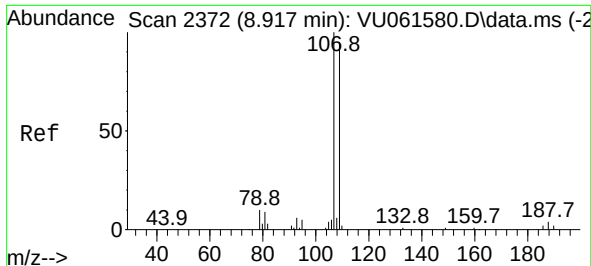
Tgt Ion: 129 Resp: 49820

Ion Ratio Lower Upper

129 100

127 77.2 51.8 96.2





#50

1,2-Dibromoethane

Concen: 5.545 ug/L

RT: 8.914 min Scan# 24

Delta R.T. -0.003 min

Lab File: VU061593.D

Acq: 11 Nov 2024 20:49

Instrument :

MSVOA_U

ClientSampleId :

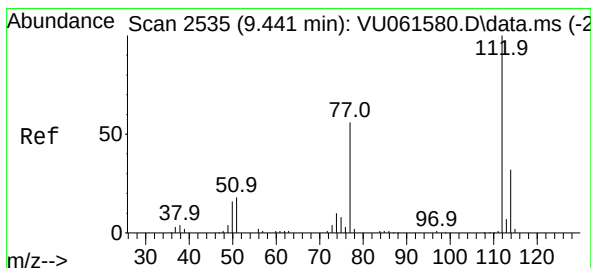
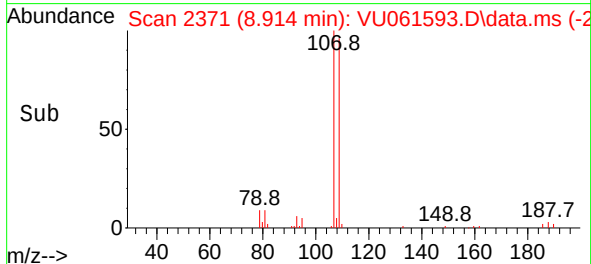
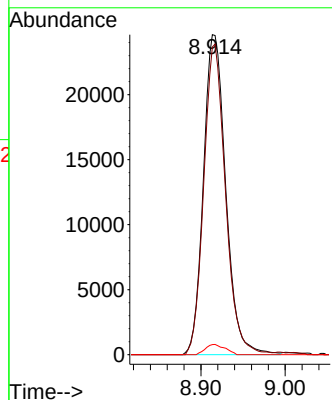
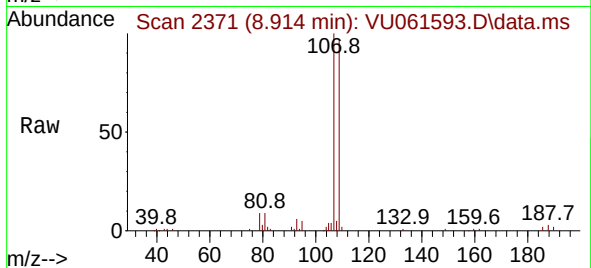
Tgt Ion:107 Resp: 45458

Ion Ratio Lower Upper

107 100

109 96.1 63.4 117.8

188 3.2 2.6 3.8



#51

Chlorobenzene

Concen: 5.326 ug/L

RT: 9.438 min Scan# 2534

Delta R.T. -0.003 min

Lab File: VU061593.D

Acq: 11 Nov 2024 20:49

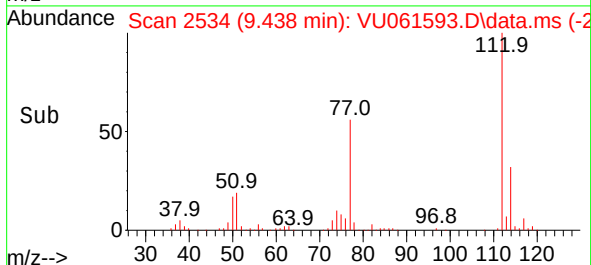
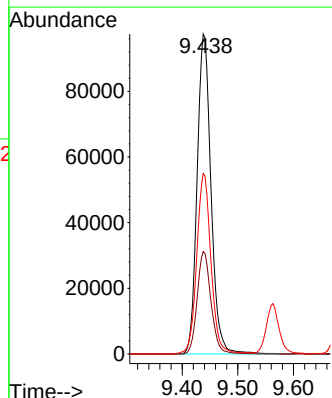
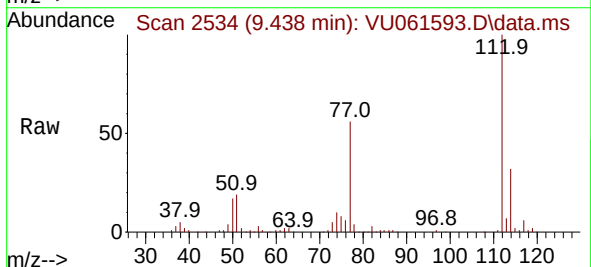
Tgt Ion:112 Resp: 169127

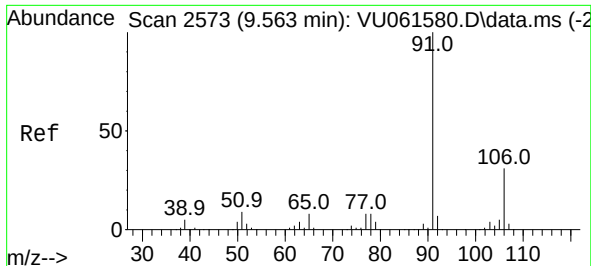
Ion Ratio Lower Upper

112 100

114 32.0 22.9 42.5

77 56.4 47.1 70.7





#52

Ethylbenzene

Concen: 4.982 ug/L

RT: 9.563 min Scan# 2573

Delta R.T. 0.000 min

Lab File: VU061593.D

Acq: 11 Nov 2024 20:49

Instrument :

MSVOA_U

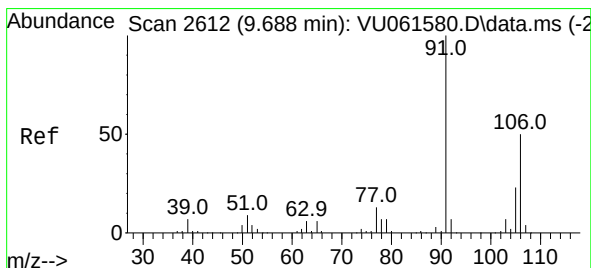
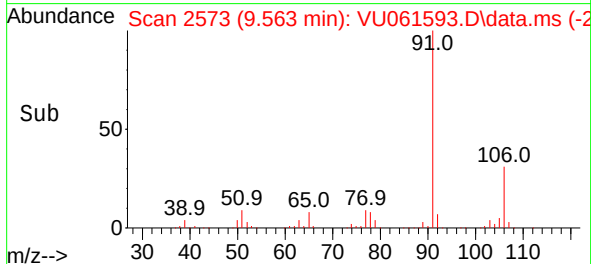
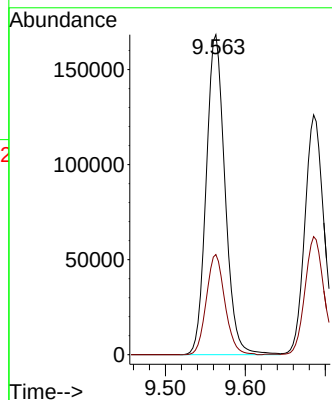
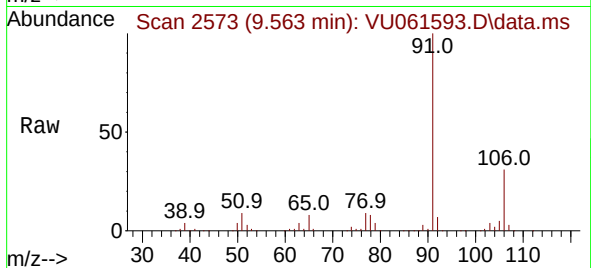
ClientSampleId :

Tgt Ion: 91 Resp: 275284

Ion Ratio Lower Upper

91 100

106 31.3 22.0 41.0



#53

m,p-Xylene

Concen: 4.960 ug/L

RT: 9.685 min Scan# 2611

Delta R.T. -0.003 min

Lab File: VU061593.D

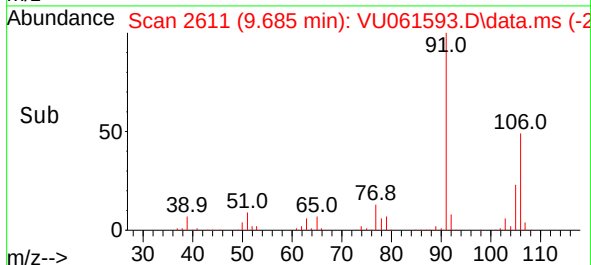
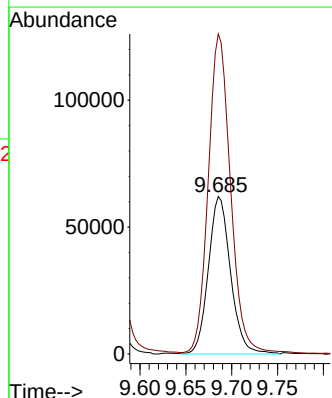
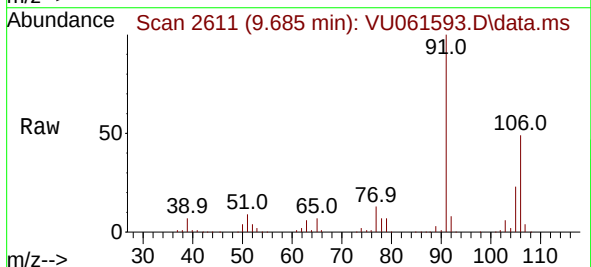
Acq: 11 Nov 2024 20:49

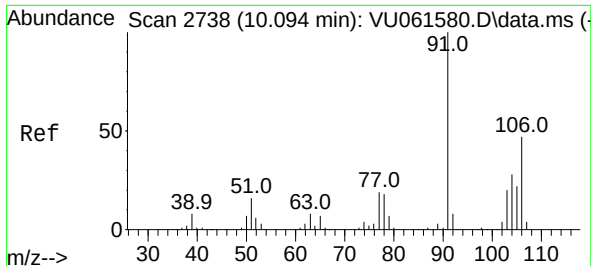
Tgt Ion:106 Resp: 104425

Ion Ratio Lower Upper

106 100

91 203.2 145.7 270.7

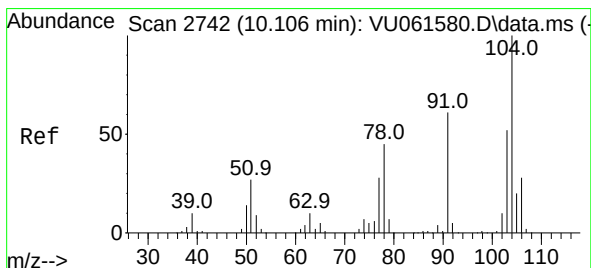
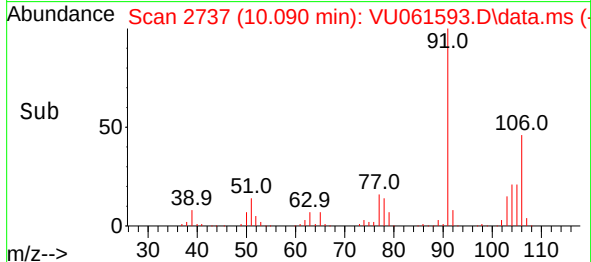
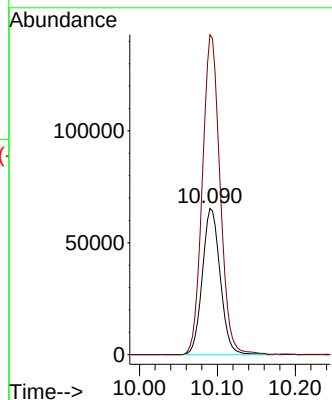
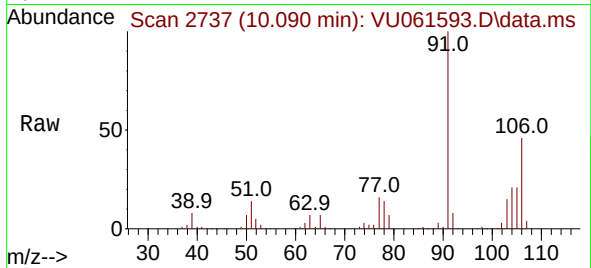




#54
o-Xylene
Concen: 5.010 ug/L
RT: 10.090 min Scan# 2738
Delta R.T. -0.003 min
Lab File: VU061593.D
Acq: 11 Nov 2024 20:49

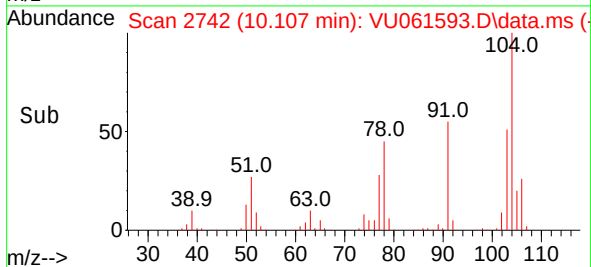
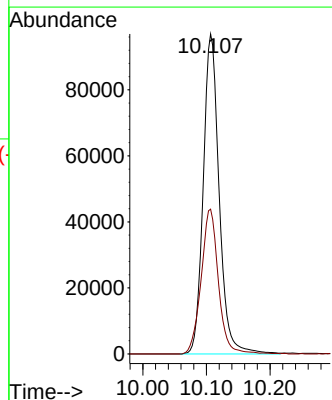
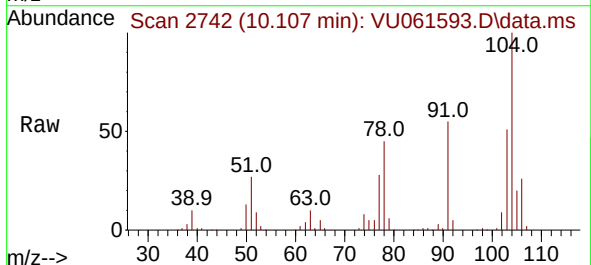
Instrument :
MSVOA_U
ClientSampleId :

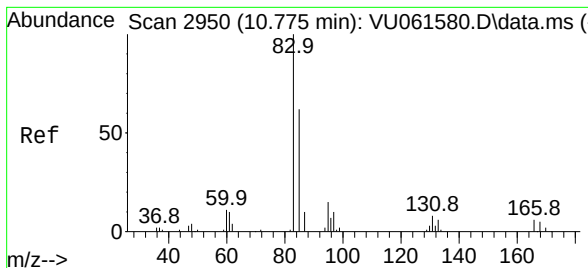
Tgt Ion:106 Resp: 104082
Ion Ratio Lower Upper
106 100
91 218.7 148.8 276.4



#55
Styrene
Concen: 5.065 ug/L
RT: 10.107 min Scan# 2742
Delta R.T. 0.000 min
Lab File: VU061593.D
Acq: 11 Nov 2024 20:49

Tgt Ion:104 Resp: 168719
Ion Ratio Lower Upper
104 100
78 45.2 32.3 59.9

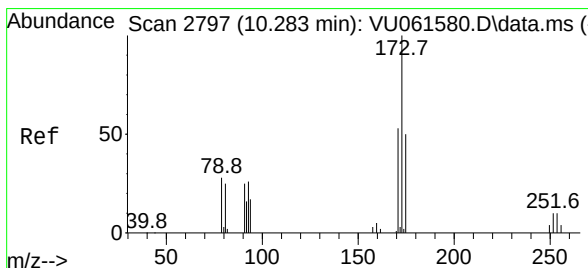
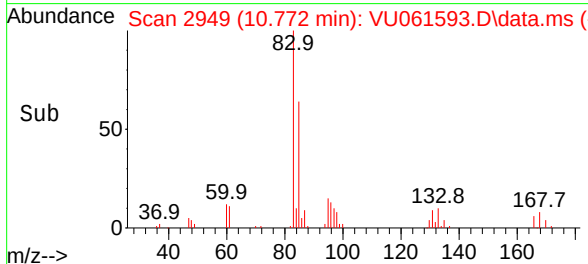
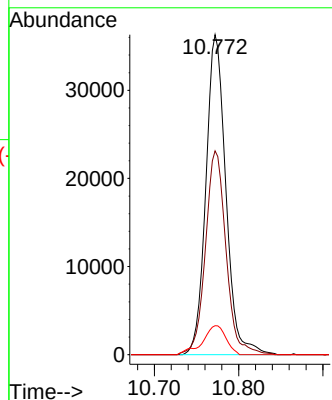
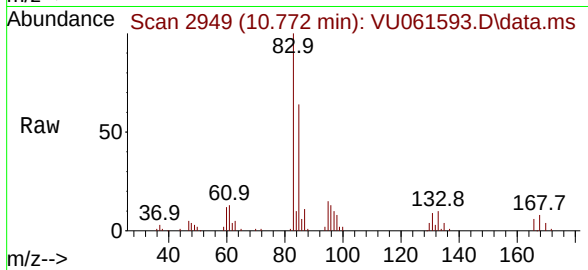




#57
1,1,2,2-Tetrachloroethane
Concen: 5.893 ug/L
RT: 10.772 min Scan# 2950
Delta R.T. -0.003 min
Lab File: VU061593.D
Acq: 11 Nov 2024 20:49

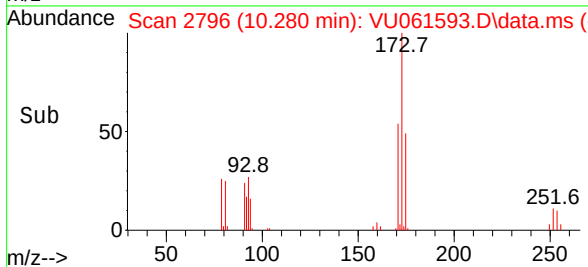
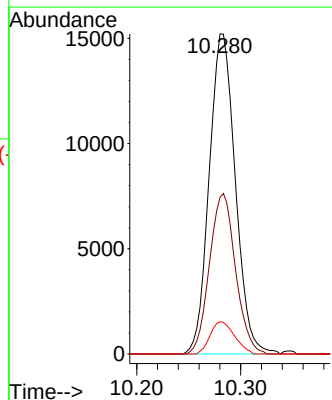
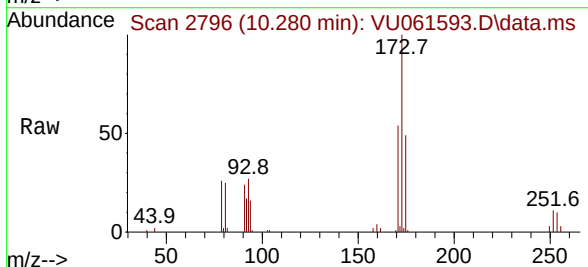
Instrument :
MSVOA_U
ClientSampleId :

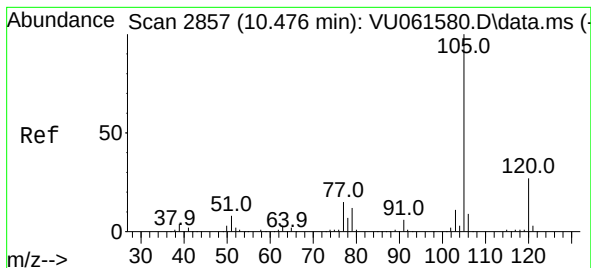
Tgt Ion: 83 Resp: 59921
Ion Ratio Lower Upper
83 100
85 63.7 45.3 84.1
131 9.0 7.6 11.4



#59
Bromoform
Concen: 4.749 ug/L
RT: 10.280 min Scan# 2796
Delta R.T. -0.003 min
Lab File: VU061593.D
Acq: 11 Nov 2024 20:49

Tgt Ion:173 Resp: 26596
Ion Ratio Lower Upper
173 100
175 49.8 39.0 58.4
254 9.4 6.8 10.2





#60

Isopropylbenzene

Concen: 4.737 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU061593.D

Acq: 11 Nov 2024 20:49

Instrument :

MSVOA_U

ClientSampleId :

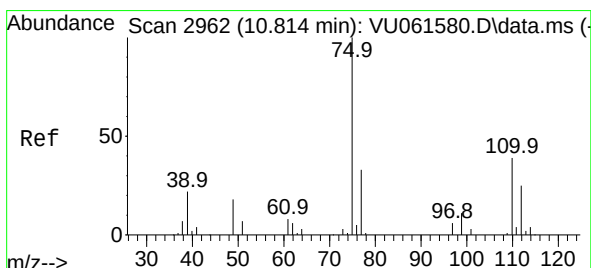
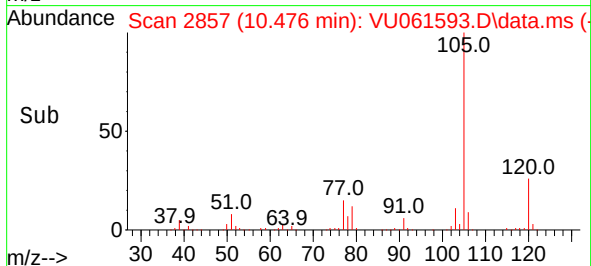
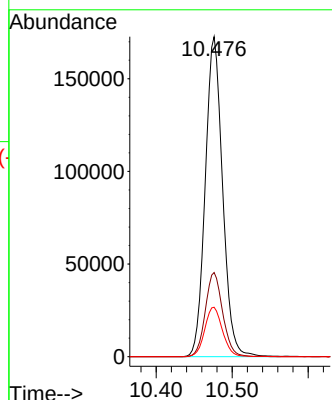
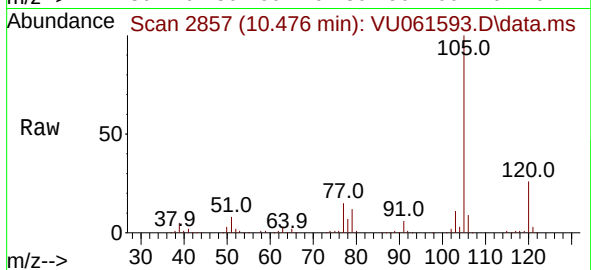
Tgt Ion:105 Resp: 273771

Ion Ratio Lower Upper

105 100

120 26.4 21.2 31.8

77 15.8 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 5.497 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. 0.000 min

Lab File: VU061593.D

Acq: 11 Nov 2024 20:49

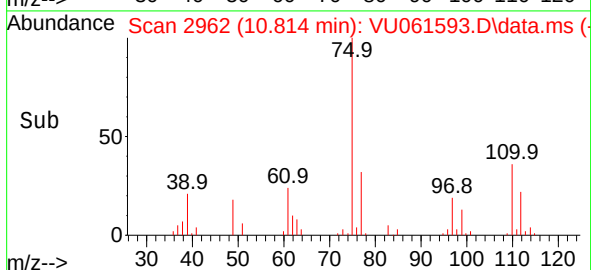
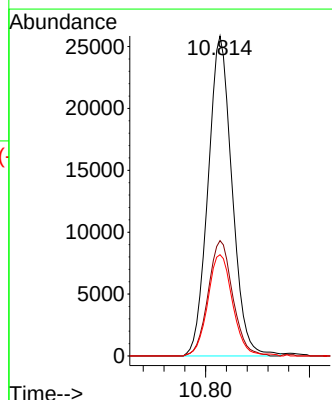
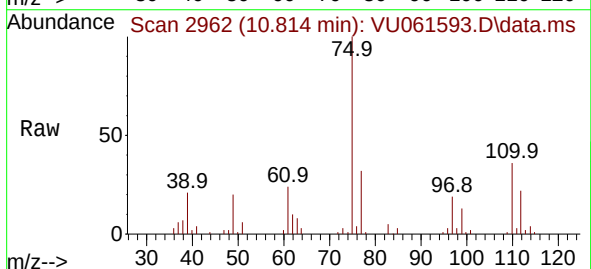
Tgt Ion: 75 Resp: 41426

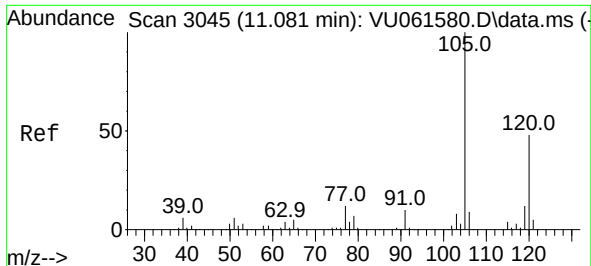
Ion Ratio Lower Upper

75 100

110 36.9 28.8 43.2

77 32.8 25.7 38.5





#62

1,3,5-Trimethylbenzene

Concen: 4.589 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. 0.000 min

Lab File: VU061593.D

Acq: 11 Nov 2024 20:49

Instrument :

MSVOA_U

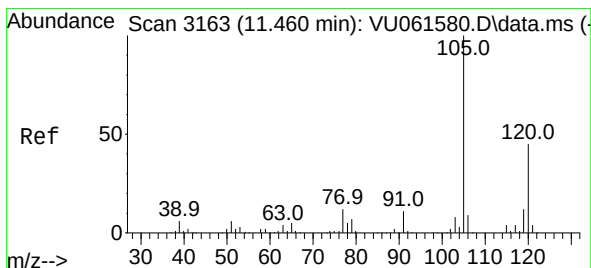
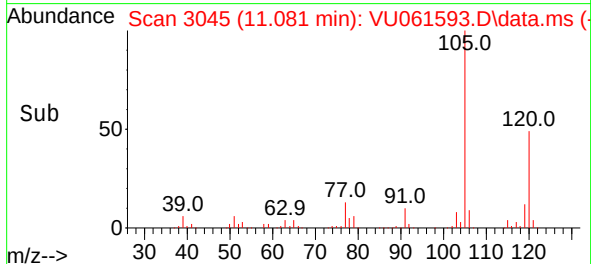
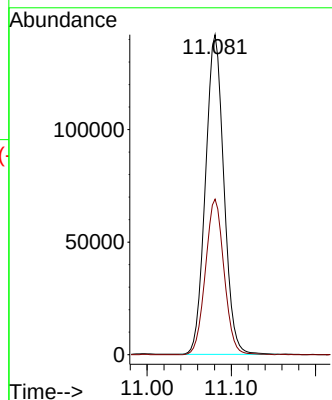
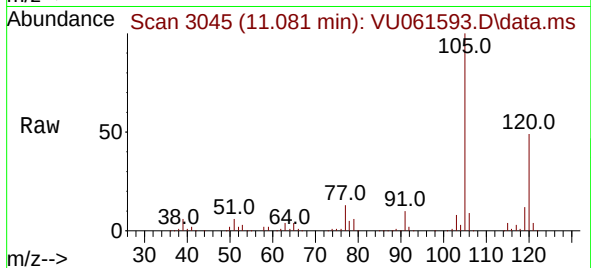
ClientSampleId :

Tgt Ion:105 Resp: 215914

Ion Ratio Lower Upper

105 100

120 49.3 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 4.630 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. 0.000 min

Lab File: VU061593.D

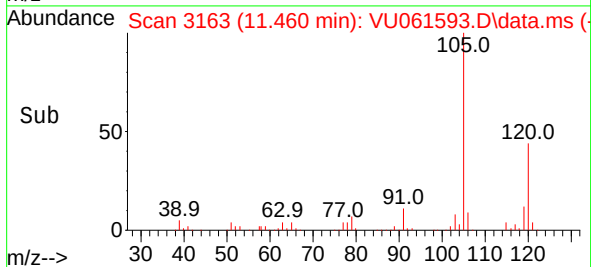
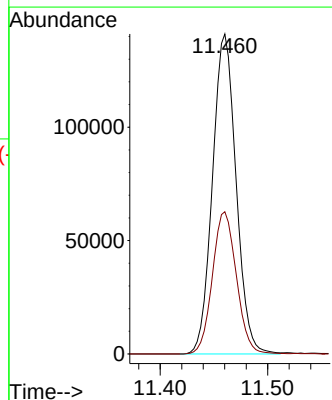
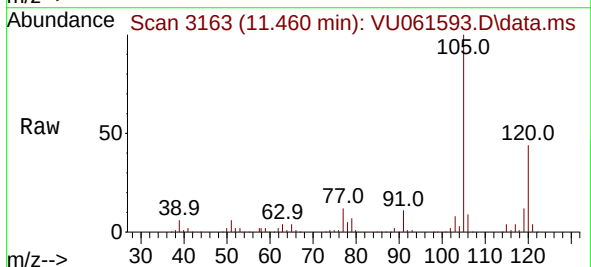
Acq: 11 Nov 2024 20:49

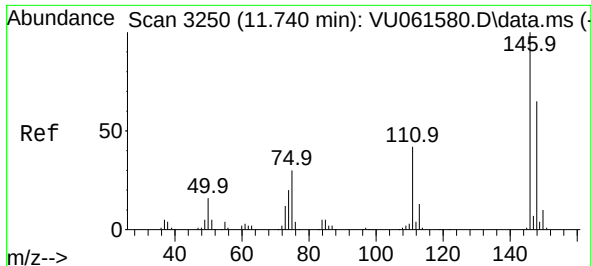
Tgt Ion:105 Resp: 215325

Ion Ratio Lower Upper

105 100

120 45.2 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 5.158 ug/L

RT: 11.737 min Scan# 3249

Delta R.T. -0.003 min

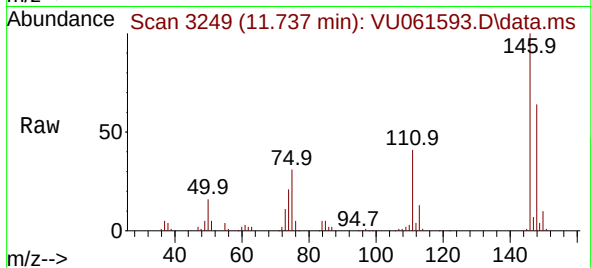
Lab File: VU061593.D

Acq: 11 Nov 2024 20:49

Instrument :

MSVOA_U

ClientSampleId :



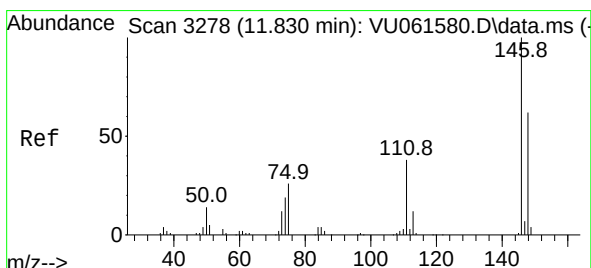
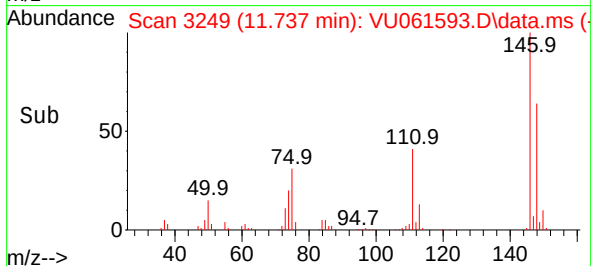
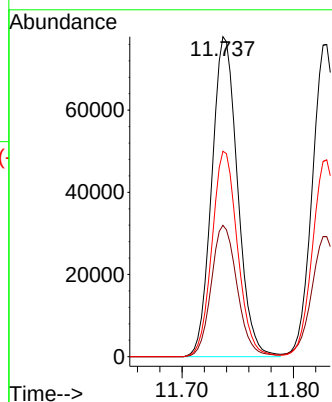
Tgt Ion:146 Resp: 125455

Ion Ratio Lower Upper

146 100

111 41.0 30.0 55.8

148 64.2 45.1 83.7



#65

1,4-Dichlorobenzene

Concen: 5.016 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. 0.000 min

Lab File: VU061593.D

Acq: 11 Nov 2024 20:49

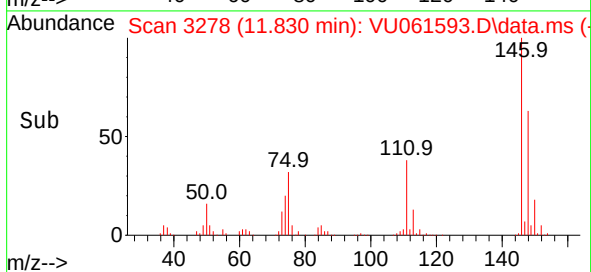
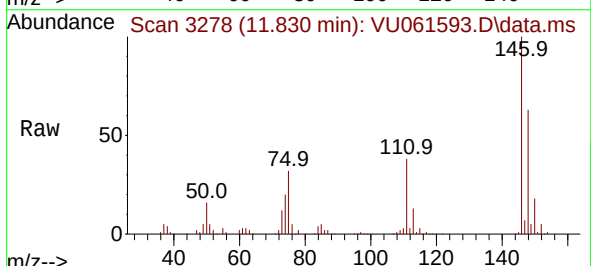
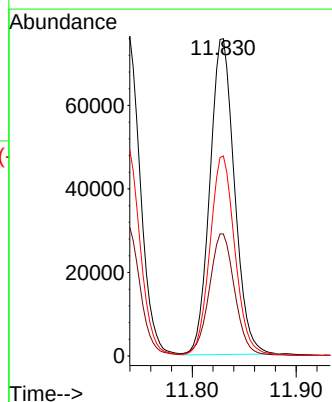
Tgt Ion:146 Resp: 124372

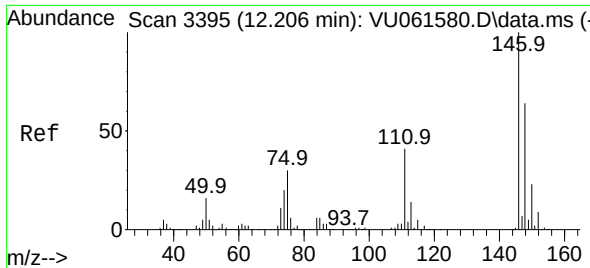
Ion Ratio Lower Upper

146 100

111 38.5 28.2 52.4

148 63.0 43.3 80.3





#67

1,2-Dichlorobenzene

Concen: 5.315 ug/L

RT: 12.203 min Scan# 3395

Delta R.T. -0.003 min

Lab File: VU061593.D

Acq: 11 Nov 2024 20:49

Instrument :

MSVOA_U

ClientSampleId :

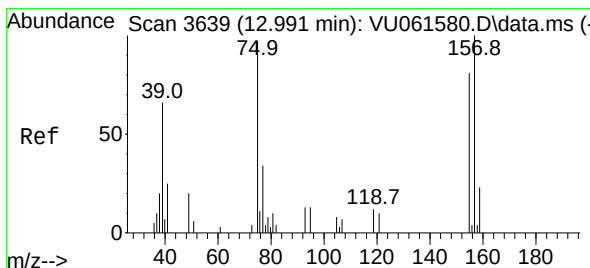
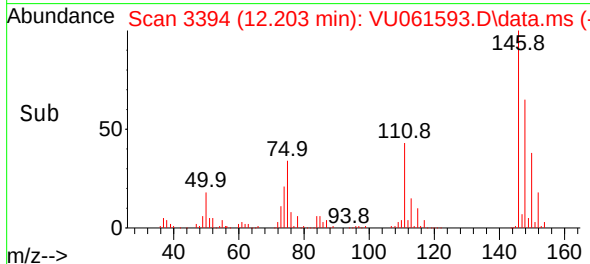
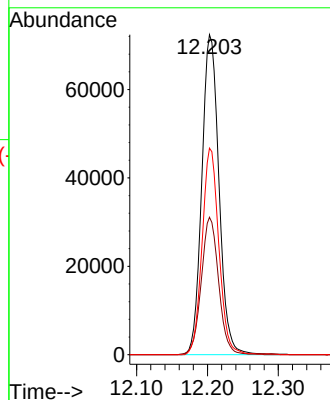
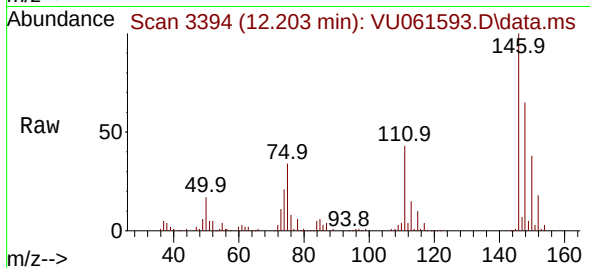
Tgt Ion:146 Resp: 121680

Ion Ratio Lower Upper

146 100

111 42.9 35.2 52.8

148 64.5 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 4.745 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.003 min

Lab File: VU061593.D

Acq: 11 Nov 2024 20:49

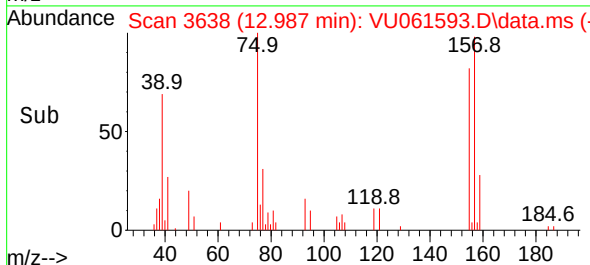
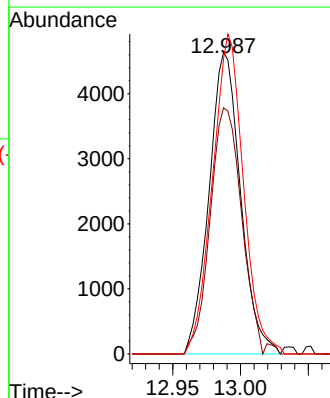
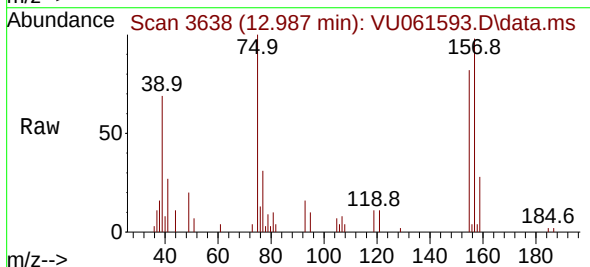
Tgt Ion: 75 Resp: 7509

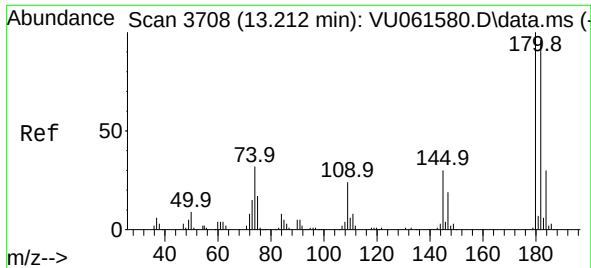
Ion Ratio Lower Upper

75 100

155 81.5 69.3 103.9

157 97.8 81.4 122.2





#69

1,3,5-Trichlorobenzene

Concen: 5.319 ug/L

RT: 13.212 min Scan# 31

Delta R.T. 0.000 min

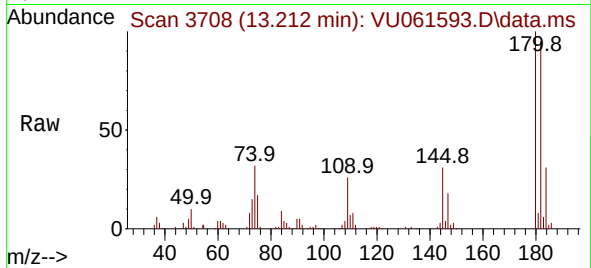
Lab File: VU061593.D

Acq: 11 Nov 2024 20:49

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 88680

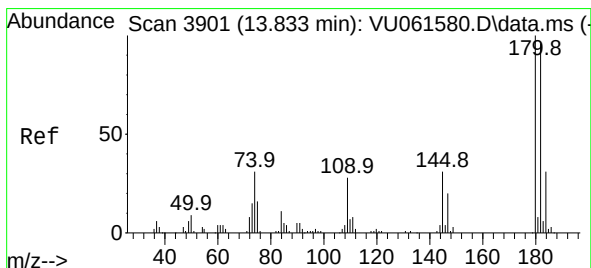
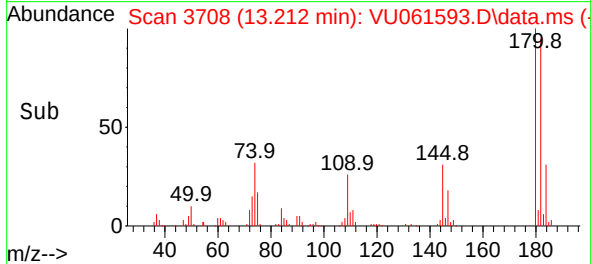
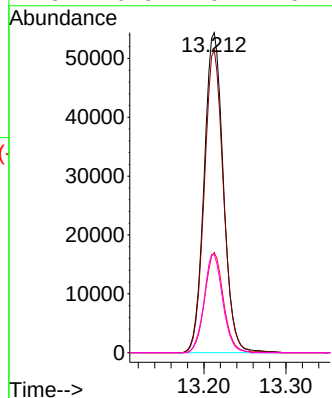
Ion Ratio Lower Upper

180 100

182 93.6 77.4 116.2

184 30.5 24.4 36.6

145 29.8 25.2 37.8



#70

1,2,4-trichlorobenzene

Concen: 5.500 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.000 min

Lab File: VU061593.D

Acq: 11 Nov 2024 20:49

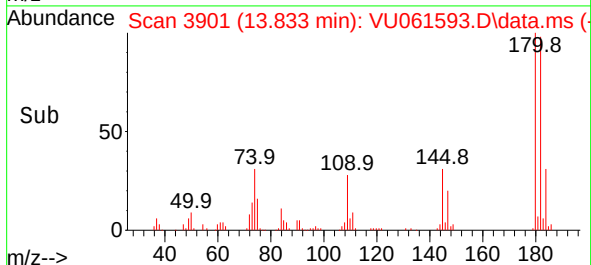
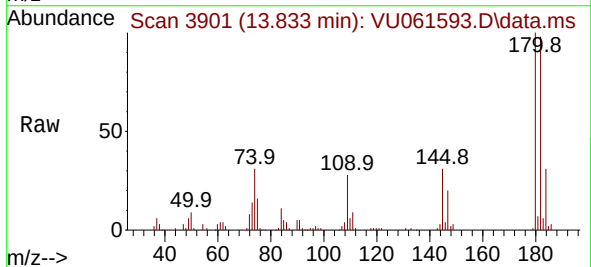
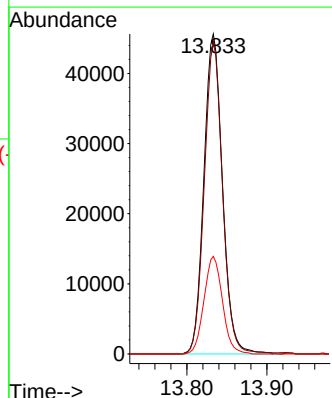
Tgt Ion:180 Resp: 74006

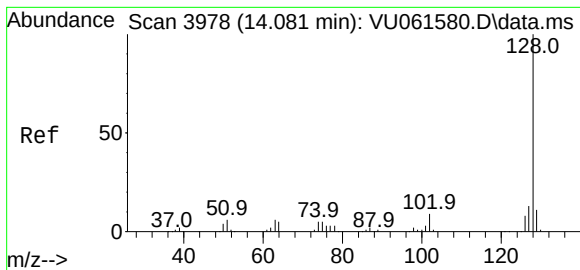
Ion Ratio Lower Upper

180 100

182 95.5 77.2 115.8

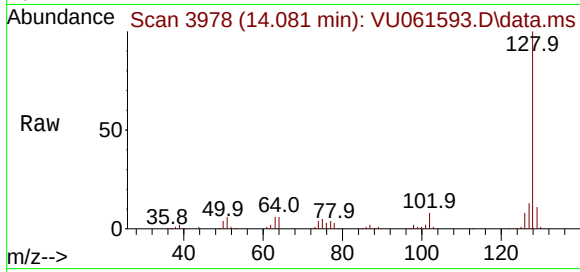
145 30.2 25.6 38.4



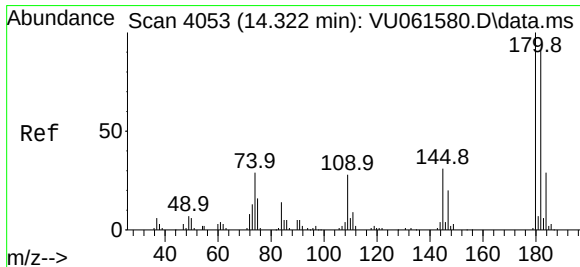
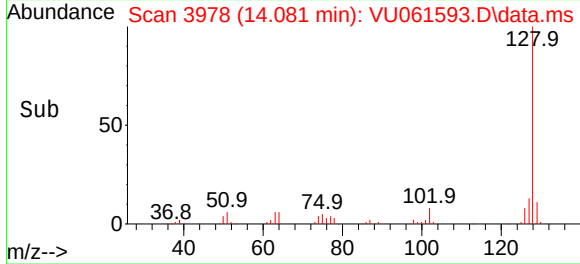
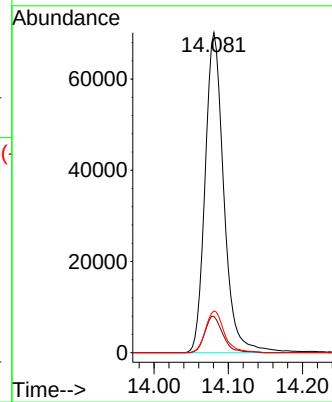


#71
Naphthalene
Concen: 5.796 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. 0.000 min
Lab File: VU061593.D
Acq: 11 Nov 2024 20:49

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 123049
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 13.1 10.0 15.0



#72
1,2,3-Trichlorobenzene
Concen: 5.856 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU061593.D
Acq: 11 Nov 2024 20:49

Tgt Ion:180 Resp: 65918
Ion Ratio Lower Upper
180 100
182 94.1 76.0 114.0
145 32.3 26.5 39.7

