

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120924\
 Data File : VU062180.D
 Acq On : 10 Dec 2024 00:20
 Operator : MD/SY
 Sample : P5116-08MSD
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E1PK0MSD

Quant Time: Dec 10 01:44:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 10 00:32:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	104016	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	97177	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	50040	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	29410	4.192	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.800%
7) Chloroethane-d5	1.907	69	22665	4.542	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.800%
11) 1,1-Dichloroethene-d2	2.560	65	14568	4.365	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.200%
20) 2-Butanone-d5	4.624	46	73475	54.645	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.280%
24) Chloroform-d	5.052	84	72853	4.798	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	5.692	65	38887	5.208	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.200%
32) Benzene-d6	5.718	84	131013	4.681	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
36) 1,2-Dichloropropane-d6	6.682	67	39343	4.913	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.200%
41) Toluene-d8	7.888	98	126217	4.774	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
43) trans-1,3-Dichloroprop...	8.174	79	14328	4.065	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.200%
46) 2-Hexanone-d5	8.624	63	53154	49.983	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.960%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	32525	5.219	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.400%
66) 1,2-Dichlorobenzene-d4	12.184	152	46277	5.019	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	36349	3.731	ug/L	100
3) Chloromethane	1.515	50	27356	3.582	ug/L	98
5) Vinyl chloride	1.599	62	28695	3.609	ug/L	100
6) Bromomethane	1.853	94	17781	3.355	ug/L	99
8) Chloroethane	1.927	64	16118	3.619	ug/L	98
9) Trichlorofluoromethane	2.133	101	52859	3.830	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	27712	3.689	ug/L	90
12) 1,1-Dichloroethene	2.573	96	24742	3.523	ug/L #	82
13) Acetone	2.641	43	42526	46.451	ug/L	95
14) Carbon disulfide	2.785	76	66890	3.012	ug/L	99
15) Methyl Acetate	2.962	43	2527	1.101	ug/L	98
16) Methylene chloride	3.036	84	29323	3.977	ug/L	92
17) Methyl tert-butyl Ether	3.354	73	72627	4.151	ug/L	97
18) trans-1,2-Dichloroethene	3.345	96	26442	3.664	ug/L	89
19) 1,1-Dichloroethane	3.859	63	51053	3.860	ug/L	99
21) 2-Butanone	4.705	43	62183	46.770	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	32226	3.984	ug/L	91
23) Bromochloromethane	4.965	128	15167	4.278	ug/L #	80
25) Chloroform	5.078	83	61868	4.153	ug/L	98

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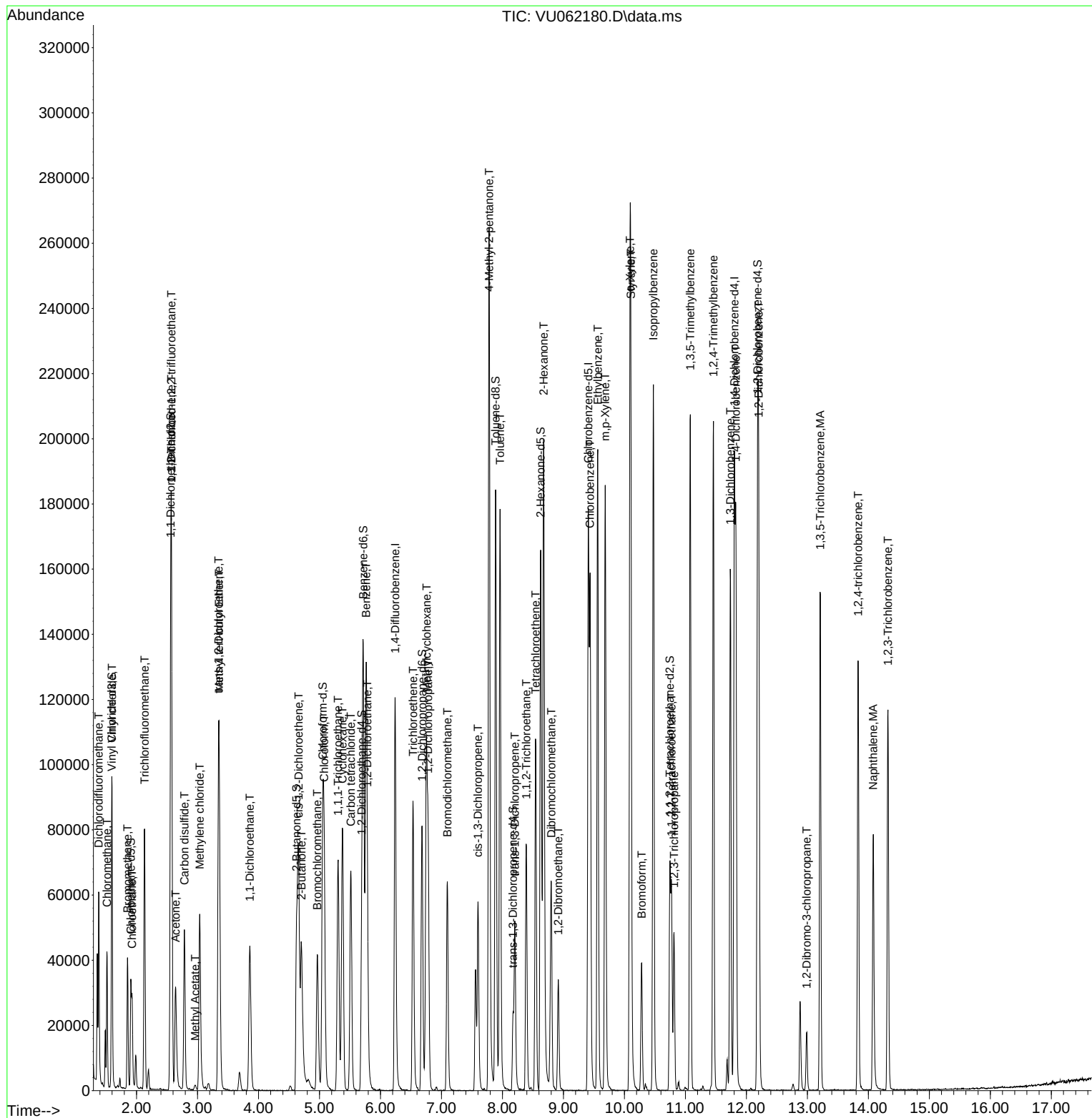
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	38594	4.076	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	55430	4.055	ug/L	94
30) Cyclohexane	5.377	56	40613	3.664	ug/L	93
31) Carbon tetrachloride	5.515	117	48839	3.896	ug/L	99
33) Benzene	5.766	78	119473	3.967	ug/L	100
34) Trichloroethene	6.534	95	32505	3.810	ug/L	97
35) Methylcyclohexane	6.756	83	43300	3.423	ug/L	95
37) 1,2-Dichloropropane	6.782	63	29875	4.074	ug/L	99
38) Bromodichloromethane	7.097	83	44159	4.268	ug/L	100
39) cis-1,3-Dichloropropene	7.599	75	37240	3.168	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	156331	45.483	ug/L #	91
42) Toluene	7.962	91	133962	4.125	ug/L	96
44) trans-1,3-Dichloropropene	8.203	75	31722	3.305	ug/L	97
45) 1,1,2-Trichloroethane	8.390	97	23882	4.314	ug/L	99
47) Tetrachloroethene	8.544	164	24084	3.657	ug/L	95
48) 2-Hexanone	8.676	43	122935	48.397	ug/L #	96
49) Dibromochloromethane	8.801	129	31282	4.677	ug/L	96
50) 1,2-Dibromoethane	8.917	107	23046	4.332	ug/L #	97
51) Chlorobenzene	9.438	112	83016	3.990	ug/L	100
52) Ethylbenzene	9.563	91	143534	3.942	ug/L	99
53) m,p-Xylene	9.685	106	52583	3.912	ug/L	91
54) o-Xylene	10.094	106	52414	4.009	ug/L	95
55) Styrene	10.106	104	84924	3.941	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.772	83	28897	4.485	ug/L	96
59) Bromoform	10.283	173	18871	4.799	ug/L	99
60) Isopropylbenzene	10.476	105	143365	3.966	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	21009	4.540	ug/L	97
62) 1,3,5-Trimethylbenzene	11.081	105	118733	3.881	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	118193	3.943	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	67777	4.082	ug/L	96
65) 1,4-Dichlorobenzene	11.827	146	65706	3.930	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	62855	4.096	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.987	75	5019	4.973	ug/L	88
69) 1,3,5-Trichlorobenzene	13.212	180	48203	3.905	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	42038	4.314	ug/L	98
71) Naphthalene	14.081	128	68786	4.700	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	37455	4.358	ug/L	98

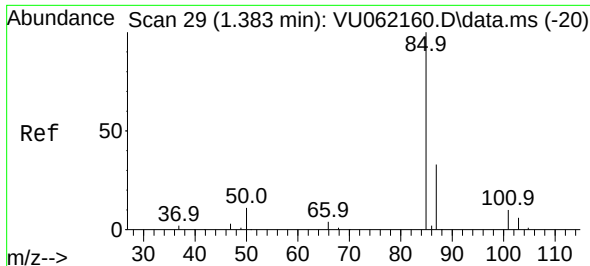
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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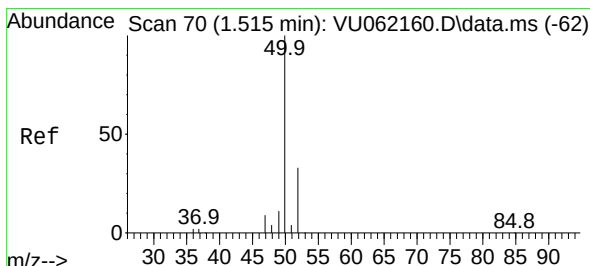
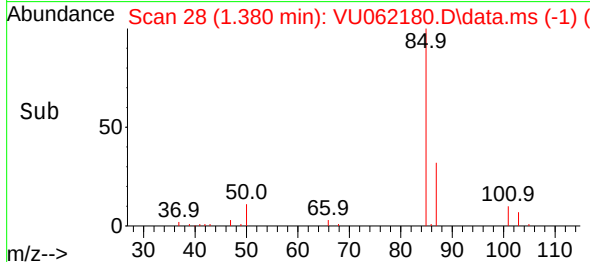
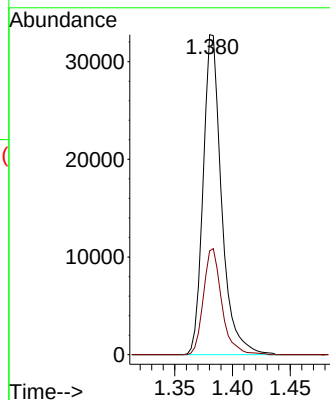
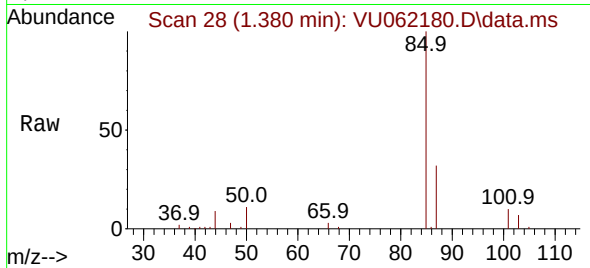




#2
Dichlorodifluoromethane
Concen: 3.731 ug/L
RT: 1.380 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU062180.D
Acq: 10 Dec 2024 00:20

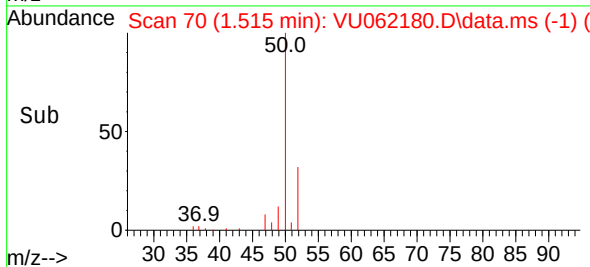
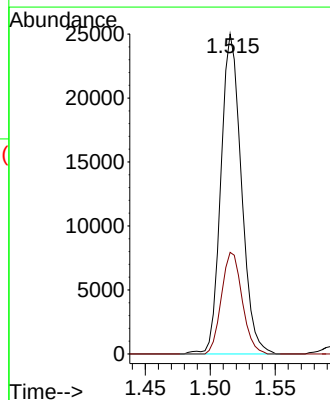
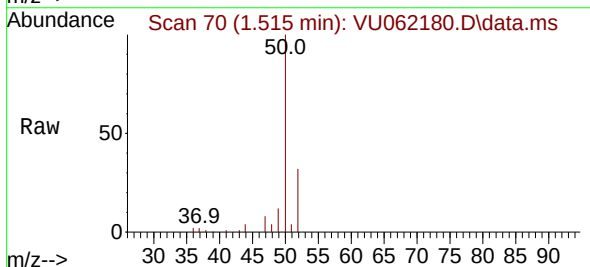
Instrument :
MSVOA_U
ClientSampleId :
E1PK0MSD

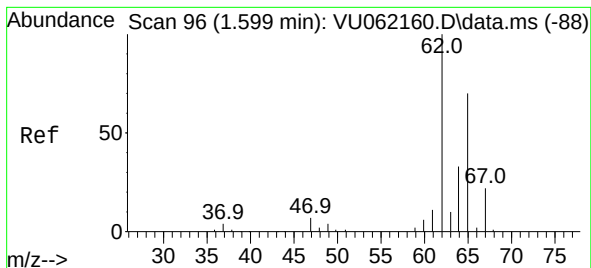
Tgt Ion: 85 Resp: 36349
Ion Ratio Lower Upper
85 100
87 33.0 26.6 40.0



#3
Chloromethane
Concen: 3.582 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU062180.D
Acq: 10 Dec 2024 00:20

Tgt Ion: 50 Resp: 27356
Ion Ratio Lower Upper
50 100
52 31.8 23.1 42.9





#5

Vinyl chloride

Concen: 3.609 ug/L

RT: 1.599 min Scan# 90

Delta R.T. -0.000 min

Lab File: VU062180.D

Acq: 10 Dec 2024 00:20

Instrument :

MSVOA_U

ClientSampleId :

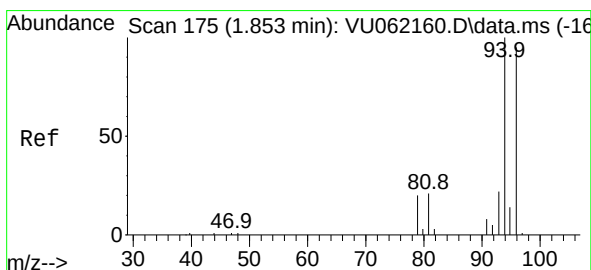
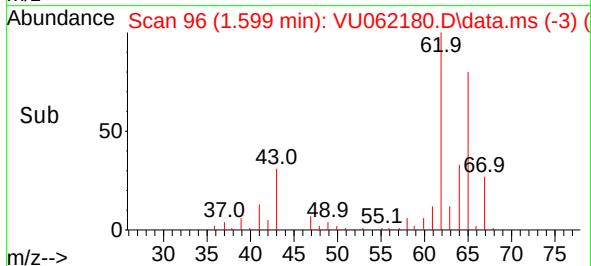
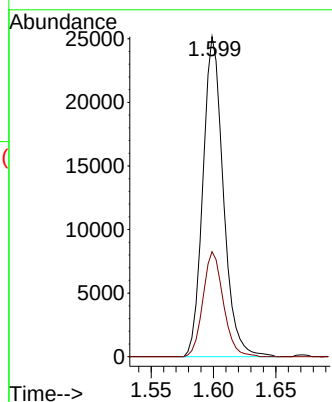
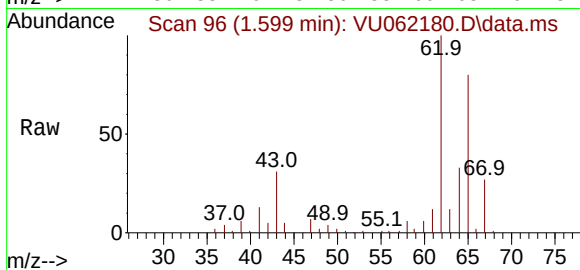
E1PK0MSD

Tgt Ion: 62 Resp: 28695

Ion Ratio Lower Upper

62 100

64 32.8 23.1 42.9



#6

Bromomethane

Concen: 3.355 ug/L

RT: 1.853 min Scan# 175

Delta R.T. -0.000 min

Lab File: VU062180.D

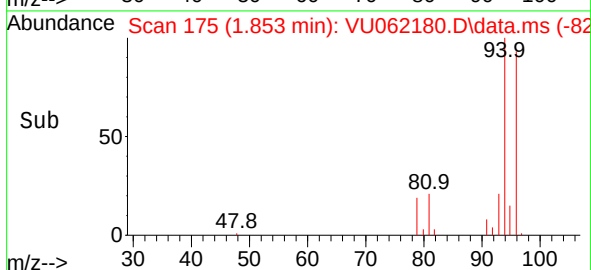
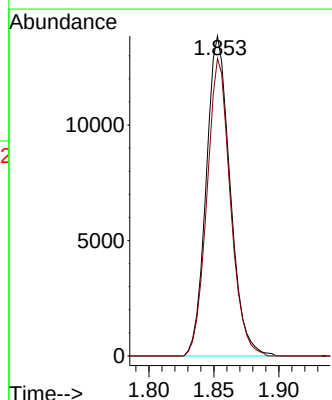
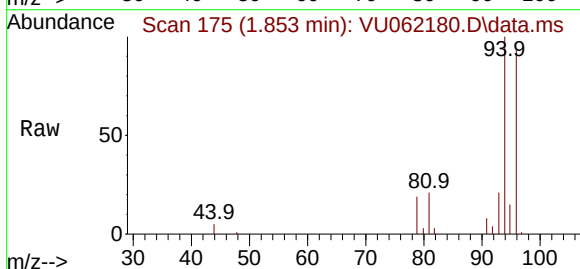
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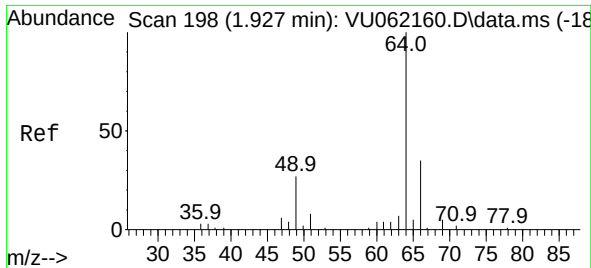
Tgt Ion: 94 Resp: 17781

Ion Ratio Lower Upper

94 100

96 93.0 64.5 119.9

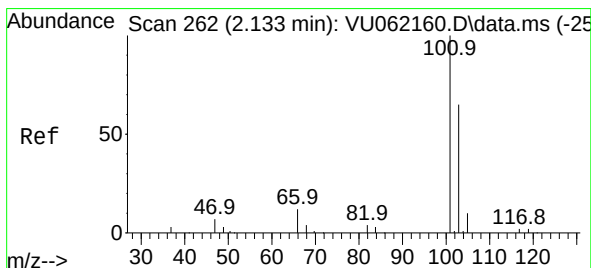
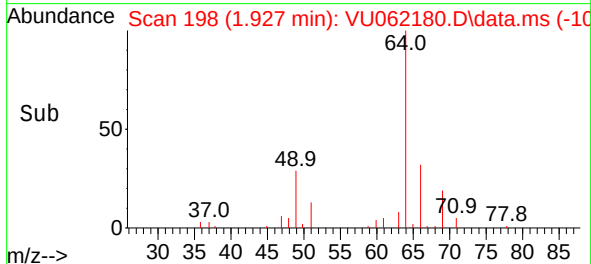
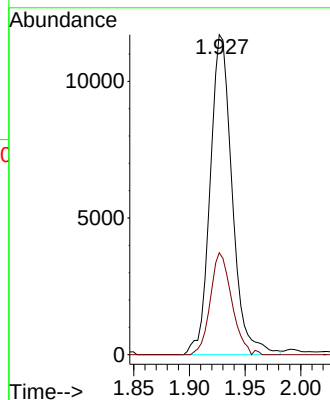
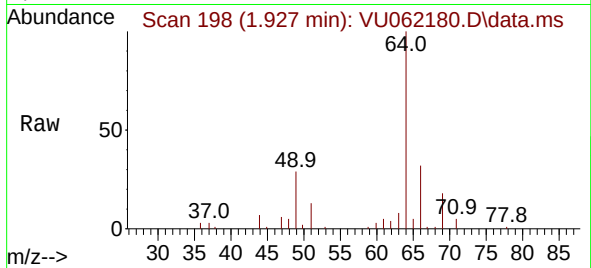




#8
Chloroethane
Concen: 3.619 ug/L
RT: 1.927 min Scan# 198
Delta R.T. -0.000 min
Lab File: VU062180.D
Acq: 10 Dec 2024 00:20

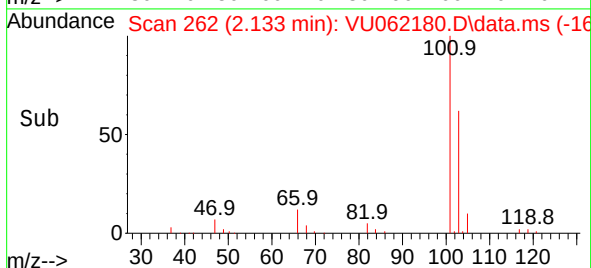
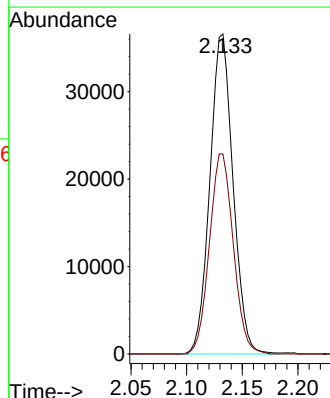
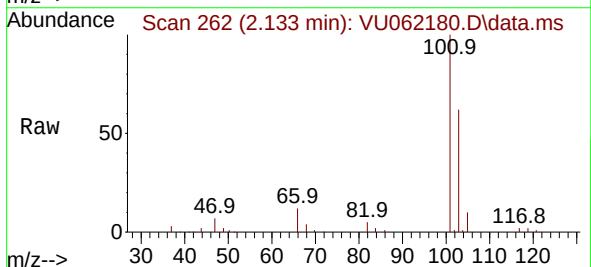
Instrument :
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E1PK0MSD

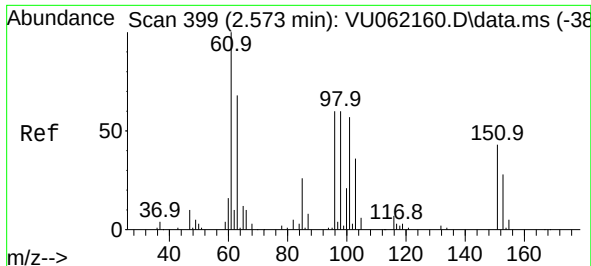
Tgt Ion: 64 Resp: 16118
Ion Ratio Lower Upper
64 100
66 31.8 23.2 43.2



#9
Trichlorofluoromethane
Concen: 3.830 ug/L
RT: 2.133 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU062180.D
Acq: 10 Dec 2024 00:20

Tgt Ion:101 Resp: 52859
Ion Ratio Lower Upper
101 100
103 64.4 50.6 75.8

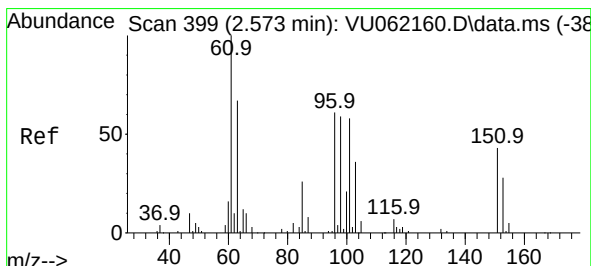
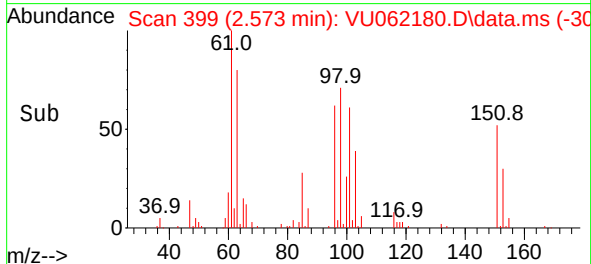
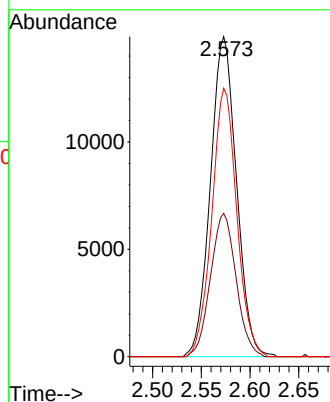
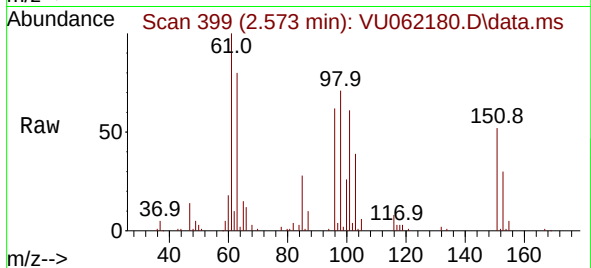




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 3.689 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU062180.D
Acq: 10 Dec 2024 00:20

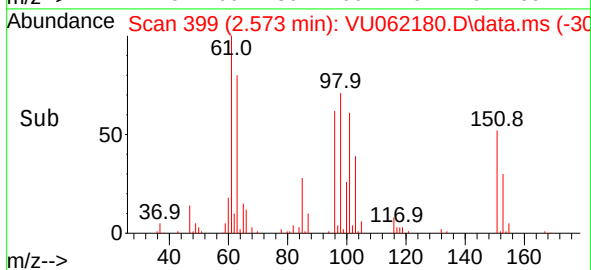
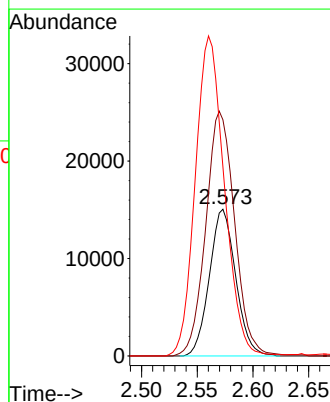
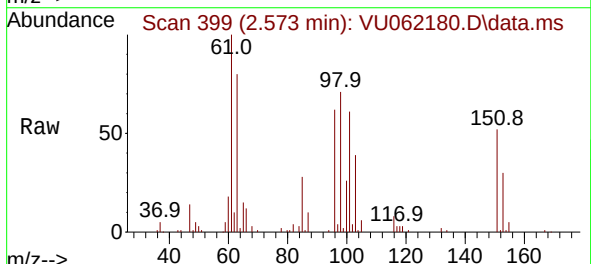
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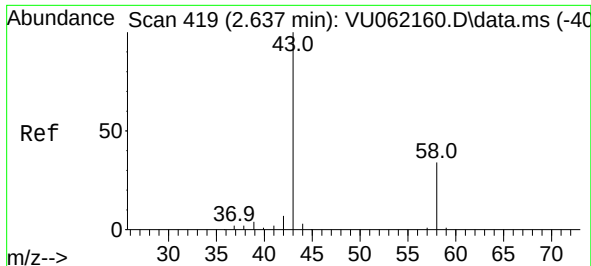
Tgt Ion:101 Resp: 27712
Ion Ratio Lower Upper
101 100
85 44.0 38.0 57.0
151 80.4 55.3 82.9



#12
1,1-Dichloroethene
Concen: 3.523 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU062180.D
Acq: 10 Dec 2024 00:20

Tgt Ion: 96 Resp: 24742
Ion Ratio Lower Upper
96 100
61 160.9 119.6 222.2
63 128.9 65.0 120.6#





#13

Acetone

Concen: 46.451 ug/L

RT: 2.641 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU062180.D

Acq: 10 Dec 2024 00:20

Instrument :

MSVOA_U

ClientSampleId :

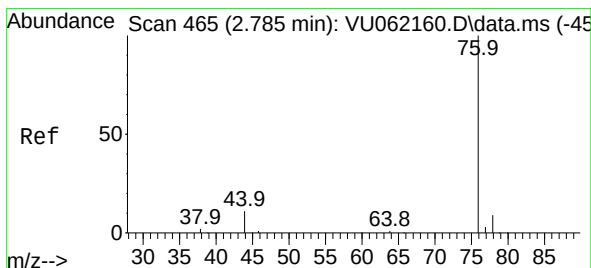
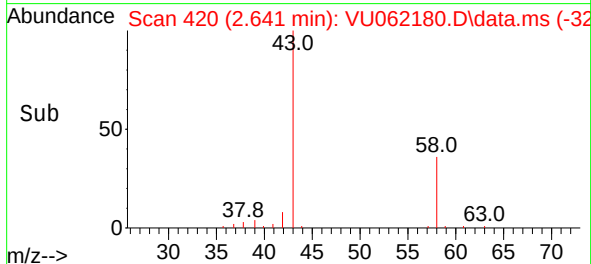
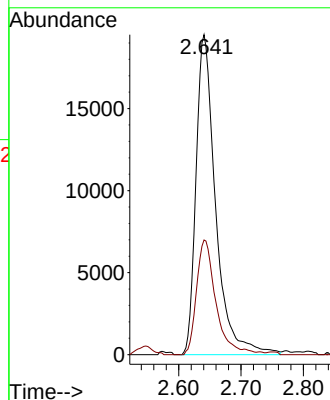
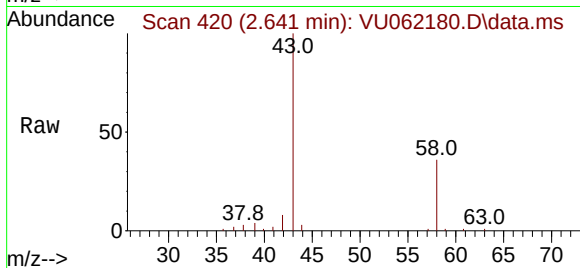
E1PK0MSD

Tgt Ion: 43 Resp: 42526

Ion Ratio Lower Upper

43 100

58 34.6 0.0 64.0



#14

Carbon disulfide

Concen: 3.012 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.000 min

Lab File: VU062180.D

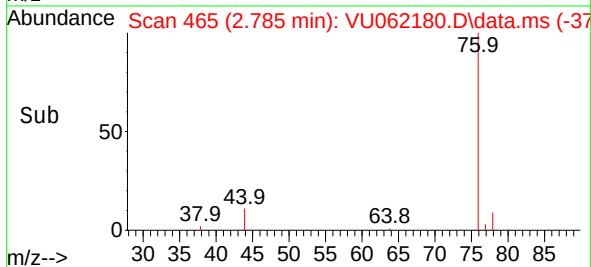
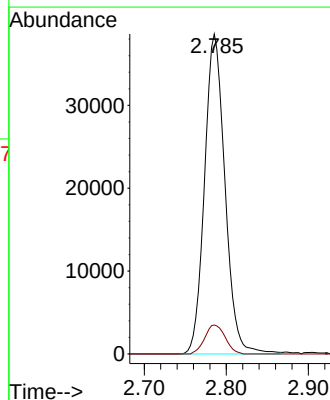
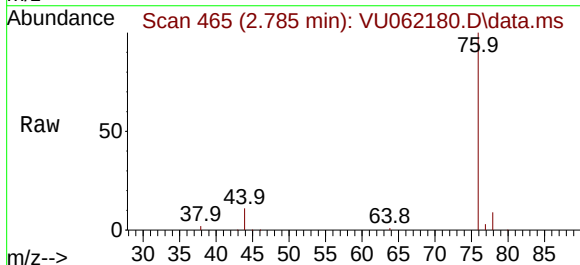
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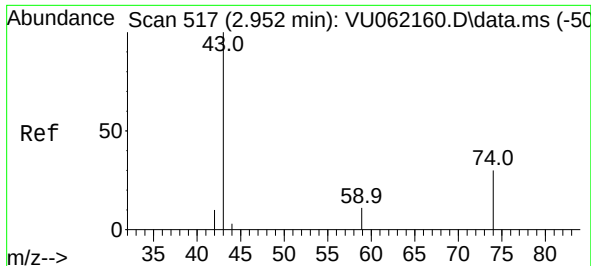
Tgt Ion: 76 Resp: 66890

Ion Ratio Lower Upper

76 100

78 9.0 7.5 11.3





#15

Methyl Acetate

Concen: 1.101 ug/L

RT: 2.962 min Scan# 517

Delta R.T. 0.010 min

Lab File: VU062180.D

Acq: 10 Dec 2024 00:20

Instrument :

MSVOA_U

ClientSampleId :

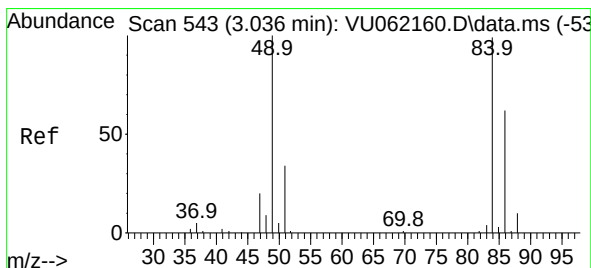
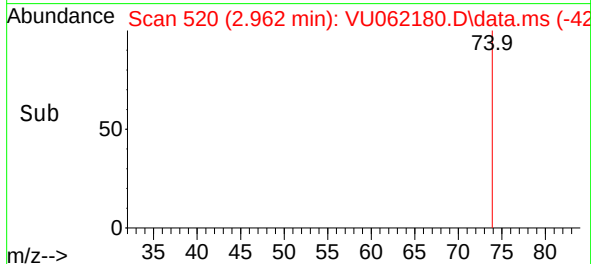
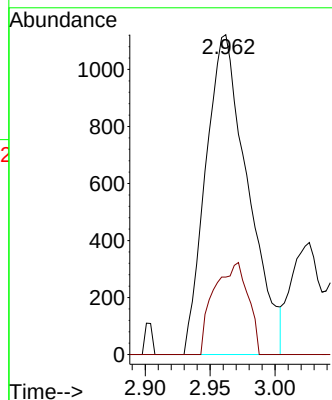
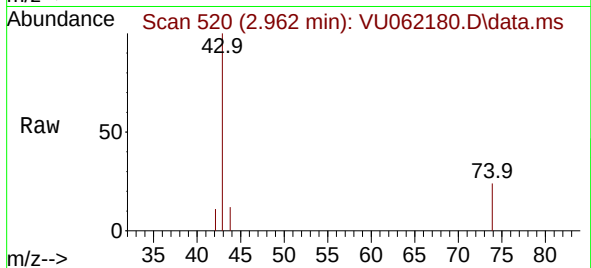
E1PK0MSD

Tgt Ion: 43 Resp: 2527

Ion Ratio Lower Upper

43 100

74 23.3 19.4 29.2



#16

Methylene chloride

Concen: 3.977 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.000 min

Lab File: VU062180.D

Acq: 10 Dec 2024 00:20

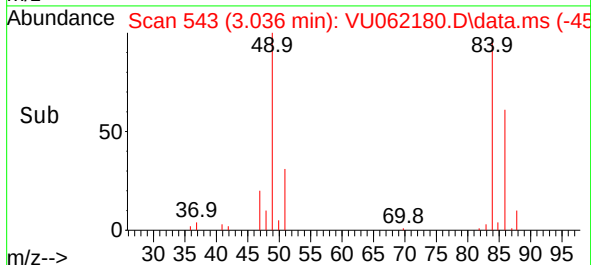
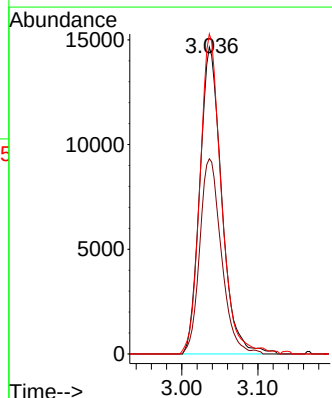
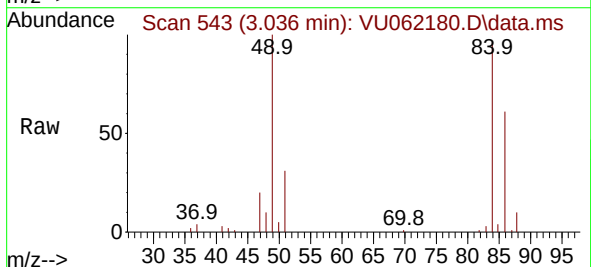
Tgt Ion: 84 Resp: 29323

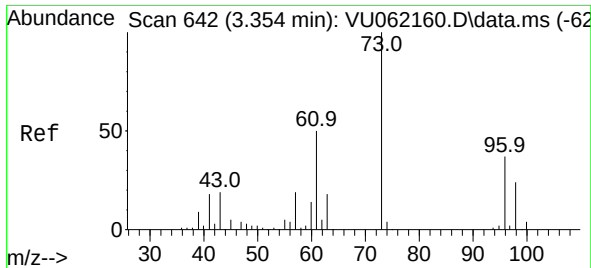
Ion Ratio Lower Upper

84 100

86 63.6 43.5 80.7

49 104.3 81.9 152.1

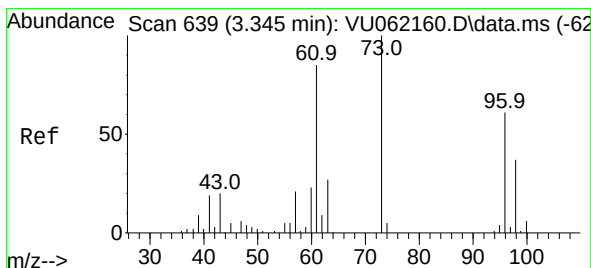
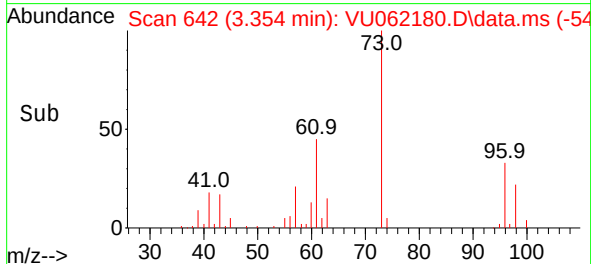
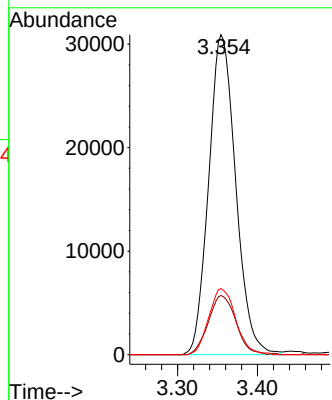
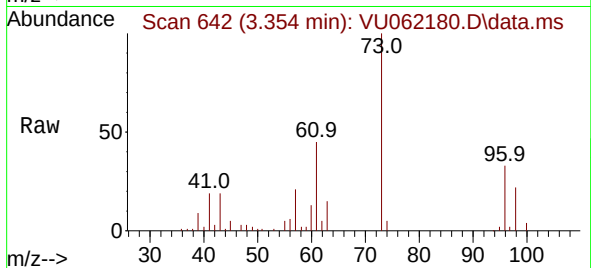




#17
Methyl tert-butyl Ether
Concen: 4.151 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU062180.D
Acq: 10 Dec 2024 00:20

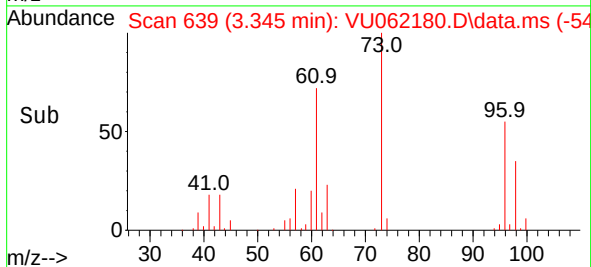
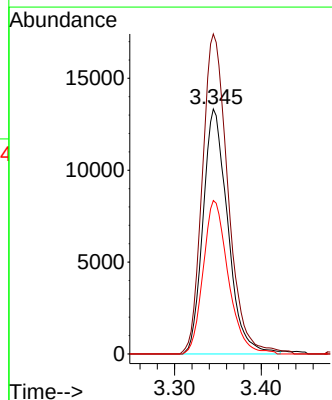
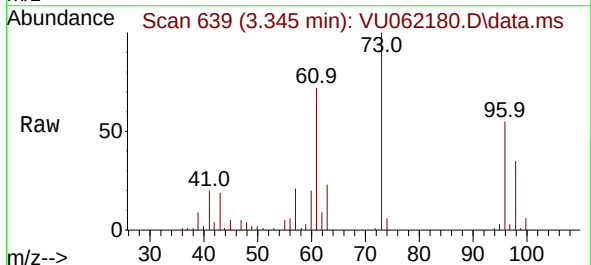
Instrument :
MSVOA_U
ClientSampleId :
E1PK0MSD

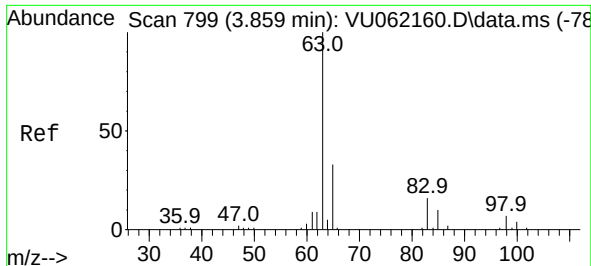
Tgt Ion: 73	Resp: 72627
Ion Ratio	Lower Upper
73 100	
43 18.8	16.3 24.5
57 20.5	17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 3.664 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.000 min
Lab File: VU062180.D
Acq: 10 Dec 2024 00:20

Tgt Ion: 96	Resp: 26442
Ion Ratio	Lower Upper
96 100	
61 130.7	104.2 193.4
98 62.7	45.7 84.9

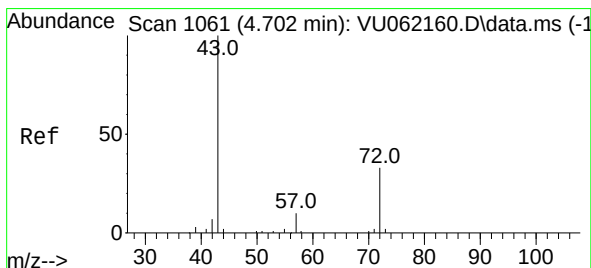
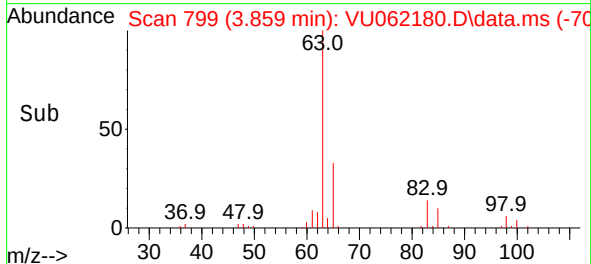
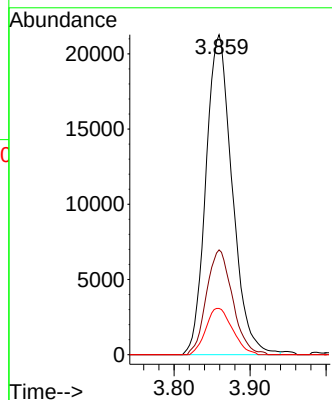
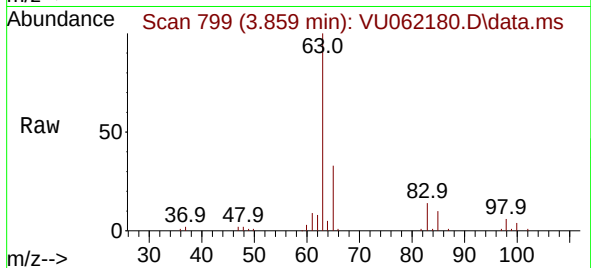




#19
1,1-Dichloroethane
Concen: 3.860 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU062180.D
Acq: 10 Dec 2024 00:20

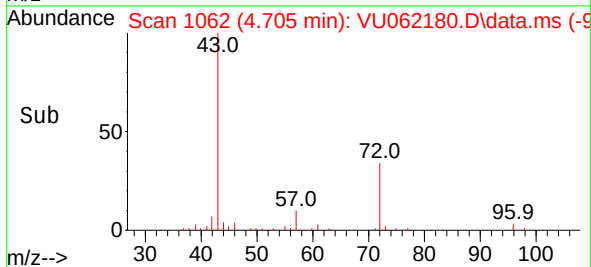
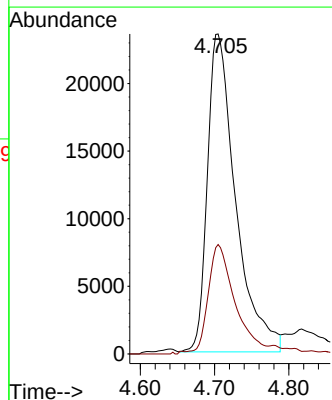
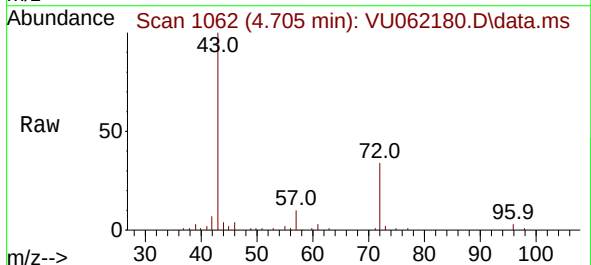
Instrument :
MSVOA_U
ClientSampleId :
E1PK0MSD

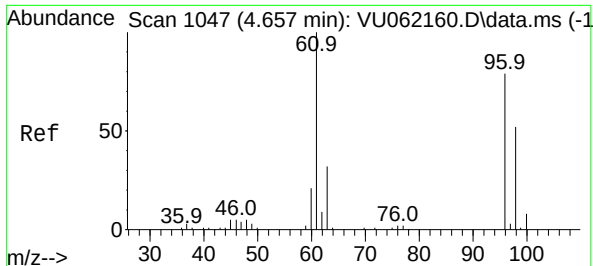
Tgt Ion:	63	Resp:	51053
Ion	Ratio	Lower	Upper
63	100		
65	32.7	22.7	42.3
83	14.5	9.9	18.3



#21
2-Butanone
Concen: 46.770 ug/L
RT: 4.705 min Scan# 1062
Delta R.T. 0.003 min
Lab File: VU062180.D
Acq: 10 Dec 2024 00:20

Tgt Ion:	43	Resp:	62183
Ion	Ratio	Lower	Upper
43	100		
72	30.8	14.8	44.4

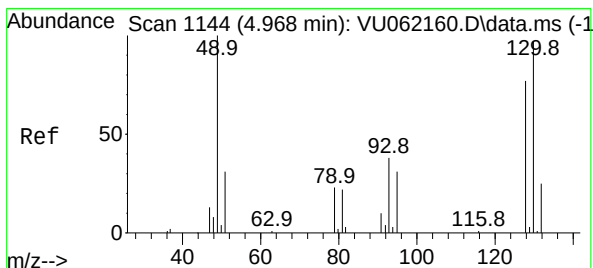
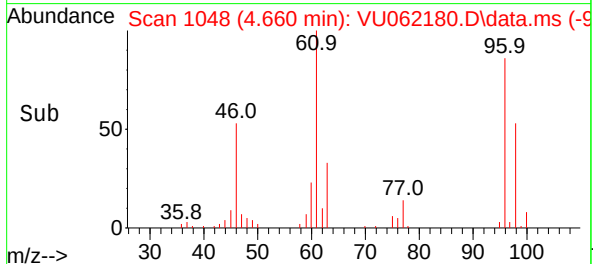
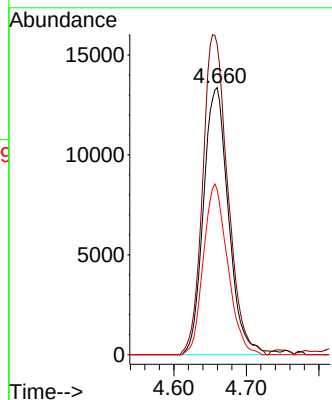
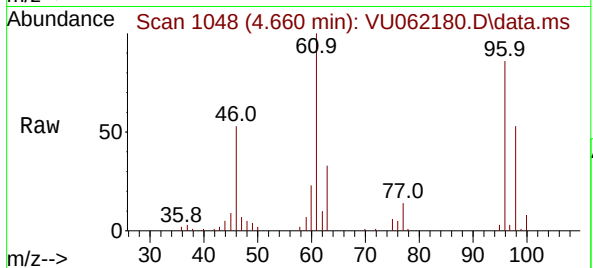




#22
cis-1,2-Dichloroethene
Concen: 3.984 ug/L
RT: 4.660 min Scan# 1047
Delta R.T. 0.003 min
Lab File: VU062180.D
Acq: 10 Dec 2024 00:20

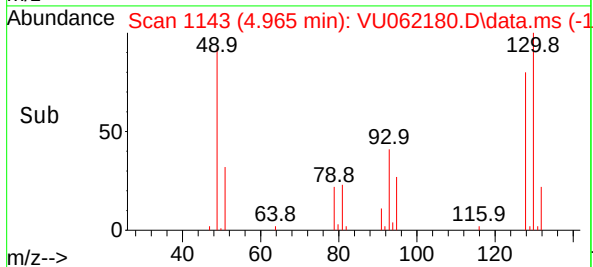
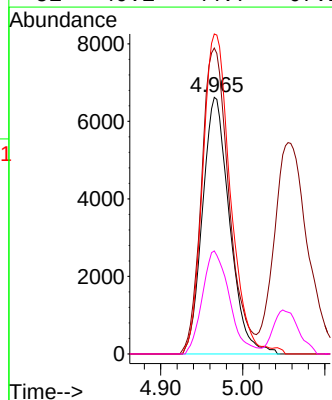
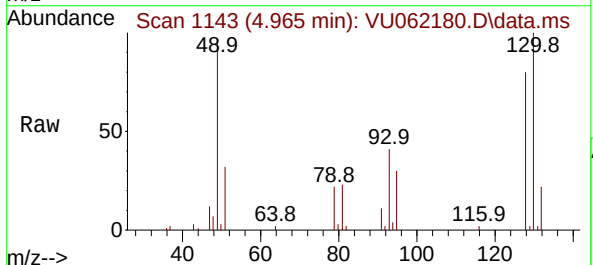
Instrument :
MSVOA_U
ClientSampleId :
E1PK0MSD

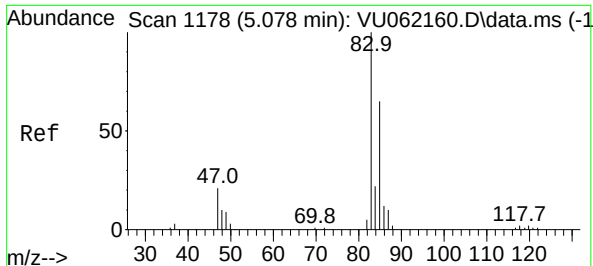
Tgt Ion: 96 Resp: 32226
Ion Ratio Lower Upper
96 100
61 116.2 92.0 170.8
98 61.8 44.5 82.7



#23
Bromochloromethane
Concen: 4.278 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. -0.003 min
Lab File: VU062180.D
Acq: 10 Dec 2024 00:20

Tgt Ion:128 Resp: 15167
Ion Ratio Lower Upper
128 100
49 123.3 115.3 214.1
130 124.7 92.0 170.8
51 40.1 44.7 67.1#





#25

Chloroform

Concen: 4.153 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VU062180.D

Acq: 10 Dec 2024 00:20

Instrument :

MSVOA_U

ClientSampleId :

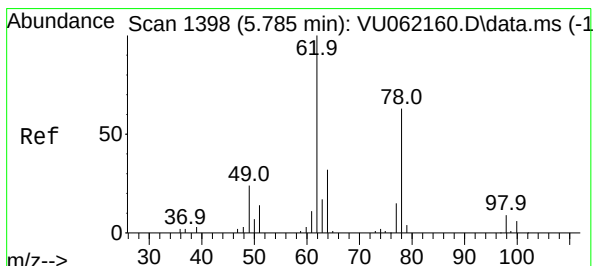
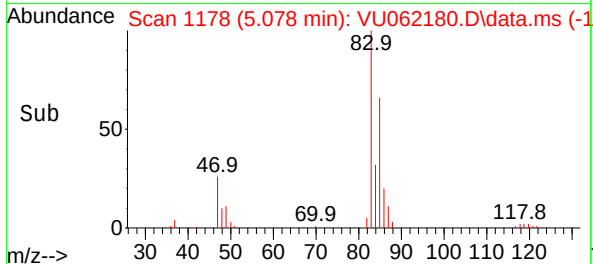
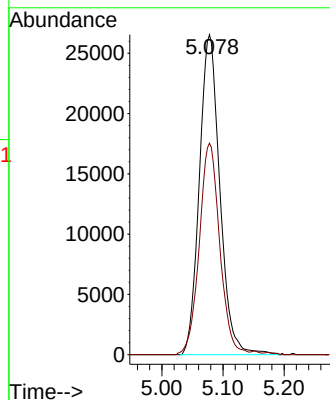
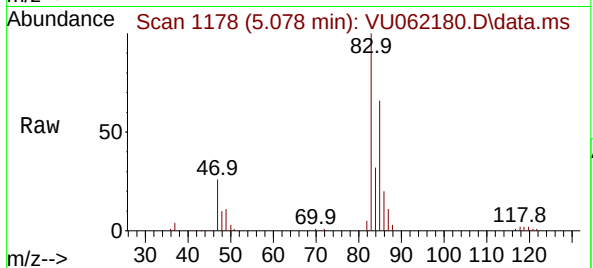
E1PK0MSD

Tgt Ion: 83 Resp: 61868

Ion Ratio Lower Upper

83 100

85 66.1 45.4 84.2



#27

1,2-Dichloroethane

Concen: 4.076 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VU062180.D

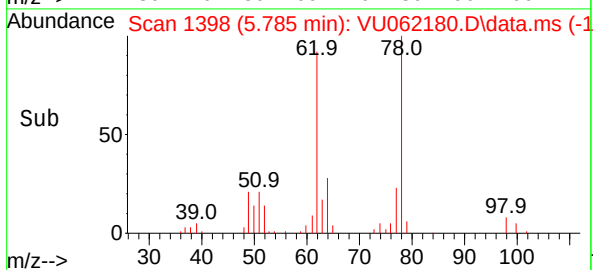
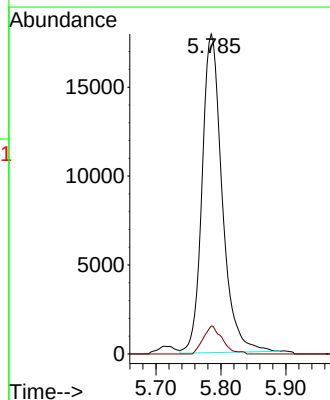
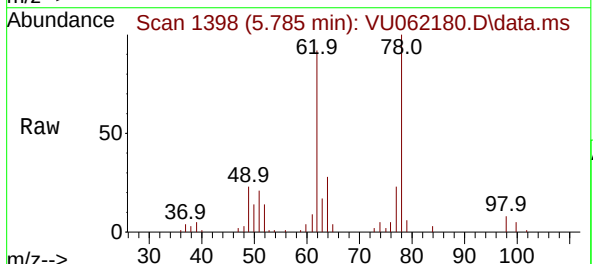
Acq: 10 Dec 2024 00:20

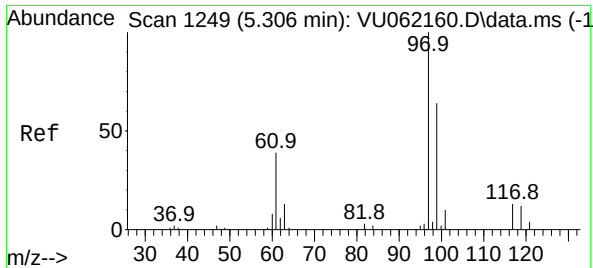
Tgt Ion: 62 Resp: 38594

Ion Ratio Lower Upper

62 100

98 8.8 7.4 11.0

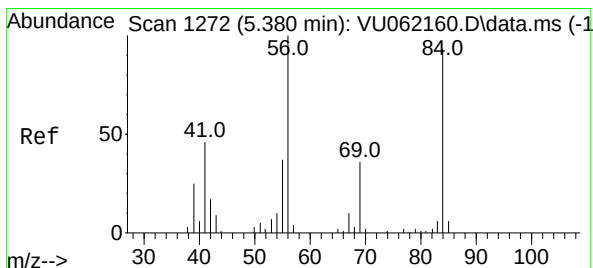
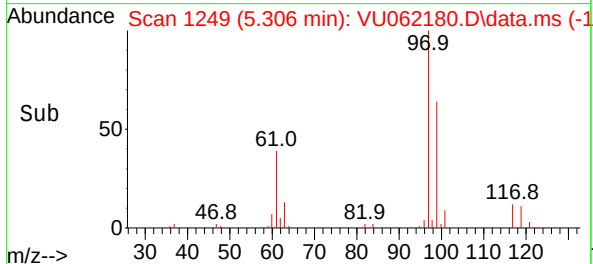
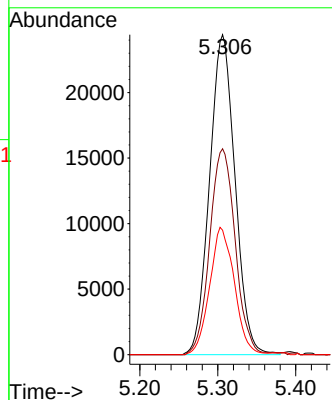
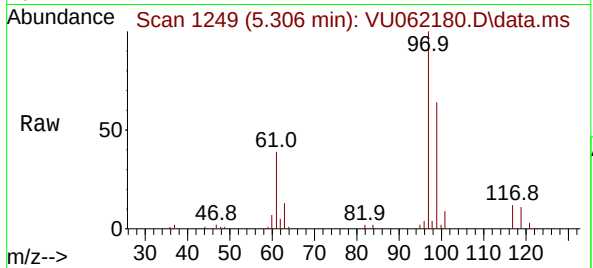




#29
1,1,1-Trichloroethane
Concen: 4.055 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU062180.D
Acq: 10 Dec 2024 00:20

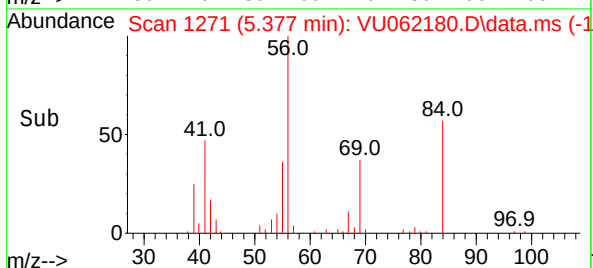
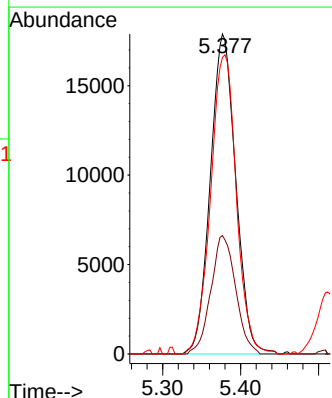
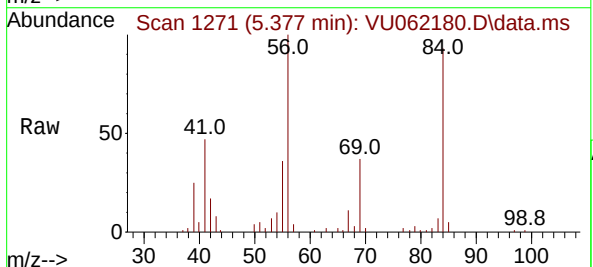
Instrument :
MSVOA_U
ClientSampleId :
E1PK0MSD

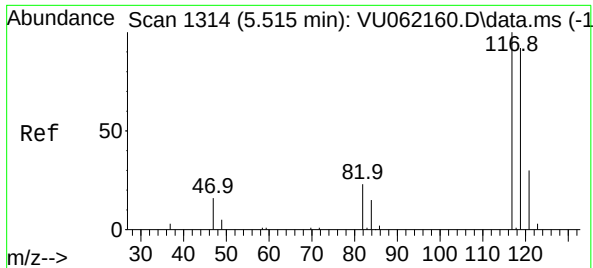
Tgt Ion:	97	Resp:	55430
Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.4	77.2
61	38.6	37.8	56.6



#30
Cyclohexane
Concen: 3.664 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. -0.003 min
Lab File: VU062180.D
Acq: 10 Dec 2024 00:20

Tgt Ion:	56	Resp:	40613
Ion	Ratio	Lower	Upper
56	100		
69	36.0	25.1	37.7
84	94.6	70.6	105.8

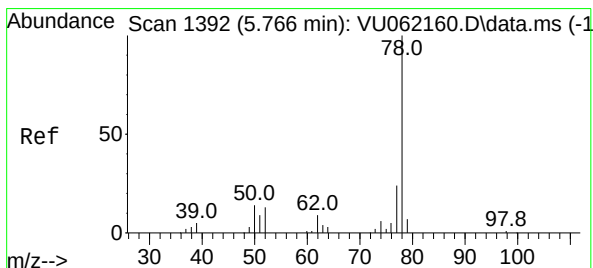
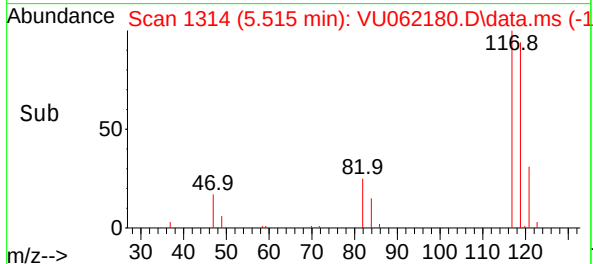
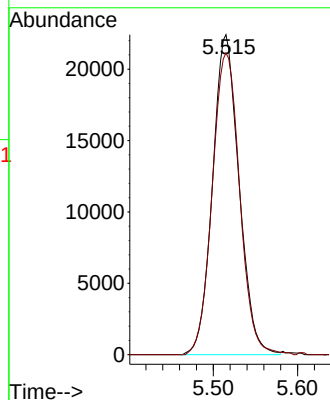
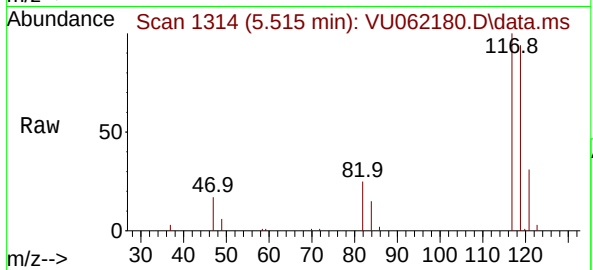




#31
Carbon tetrachloride
Concen: 3.896 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU062180.D
Acq: 10 Dec 2024 00:20

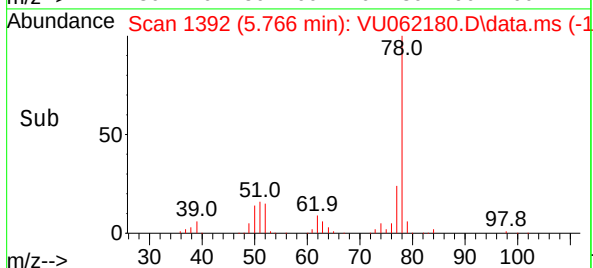
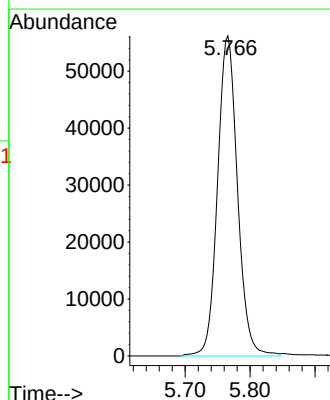
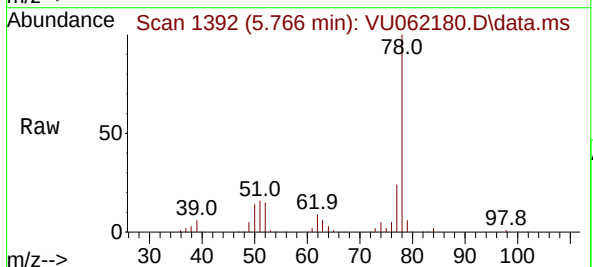
Instrument :
MSVOA_U
ClientSampleId :
E1PK0MSD

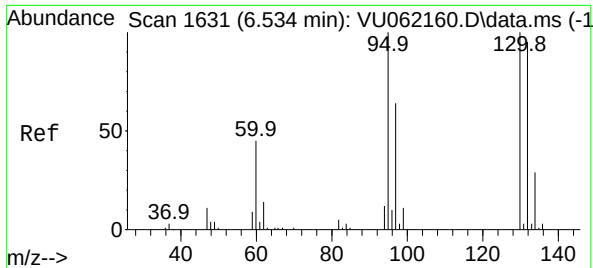
Tgt Ion:117 Resp: 48839
Ion Ratio Lower Upper
117 100
119 97.8 77.5 116.3



#33
Benzene
Concen: 3.967 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU062180.D
Acq: 10 Dec 2024 00:20

Tgt Ion: 78 Resp: 119473

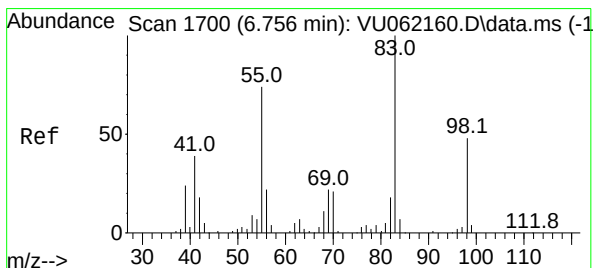
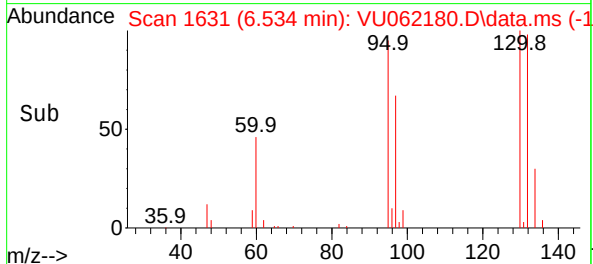
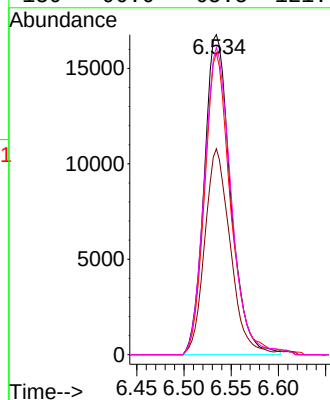
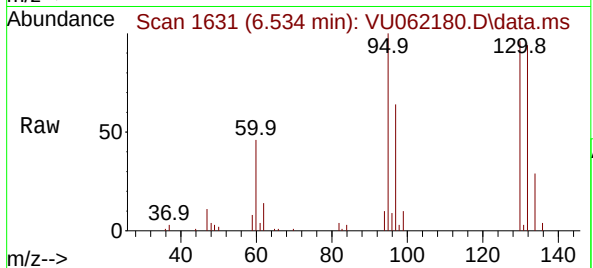




#34
Trichloroethene
Concen: 3.810 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU062180.D
Acq: 10 Dec 2024 00:20

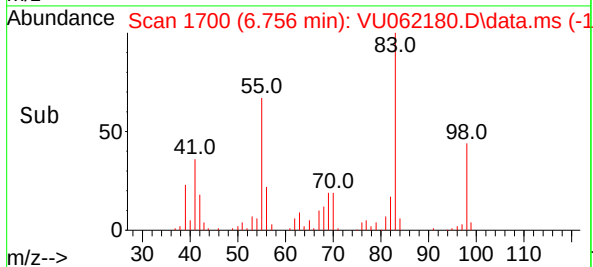
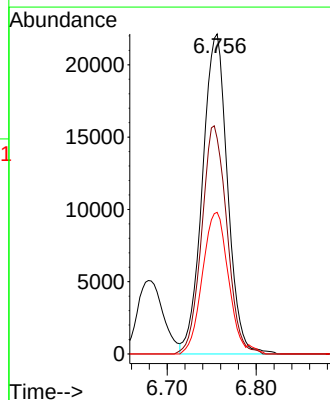
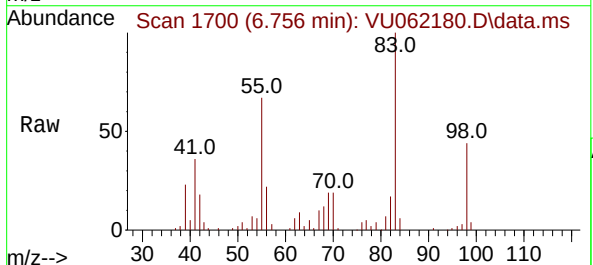
Instrument :
MSVOA_U
ClientSampleId :
E1PK0MSD

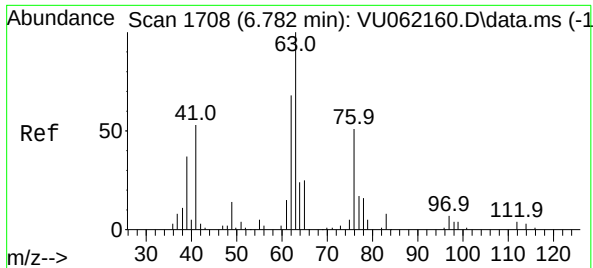
Tgt Ion: 95 Resp: 32505
Ion Ratio Lower Upper
95 100
97 64.3 45.9 85.3
132 94.3 63.8 118.4
130 96.0 65.5 121.7



#35
Methylcyclohexane
Concen: 3.423 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU062180.D
Acq: 10 Dec 2024 00:20

Tgt Ion: 83 Resp: 43300
Ion Ratio Lower Upper
83 100
55 71.4 60.7 91.1
98 46.2 34.8 52.2

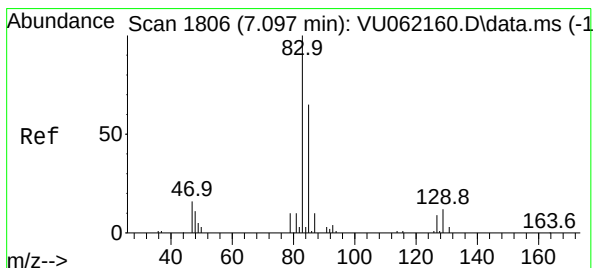
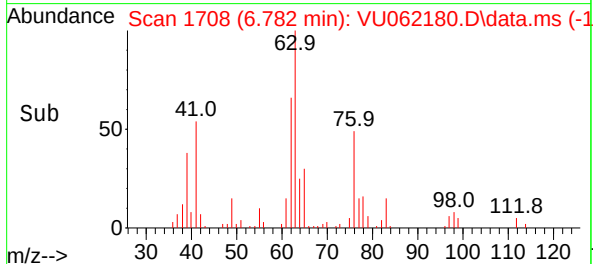
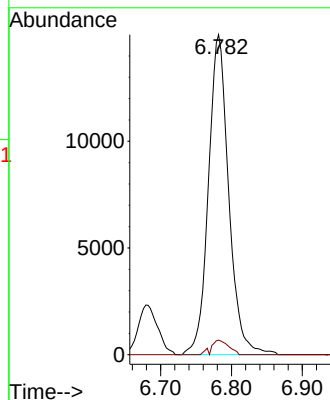
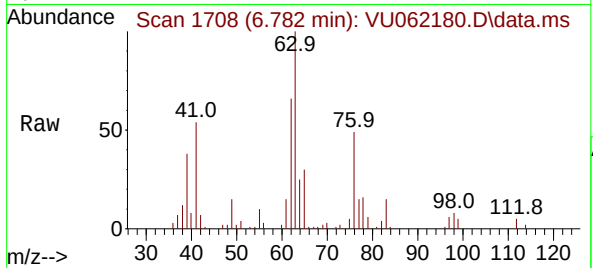




#37
1,2-Dichloropropane
Concen: 4.074 ug/L
RT: 6.782 min Scan# 1708
Delta R.T. -0.000 min
Lab File: VU062180.D
Acq: 10 Dec 2024 00:20

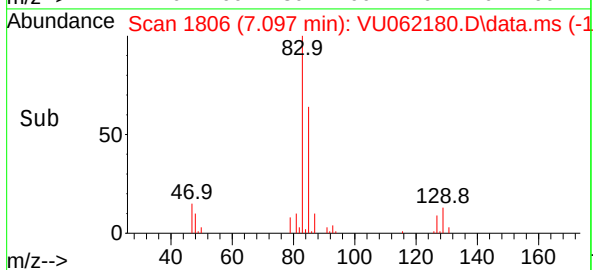
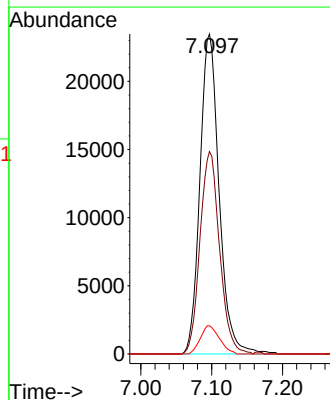
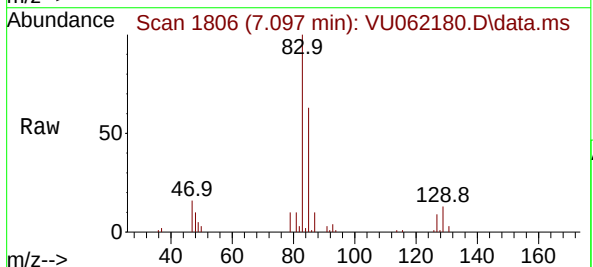
Instrument :
MSVOA_U
ClientSampleId :
E1PK0MSD

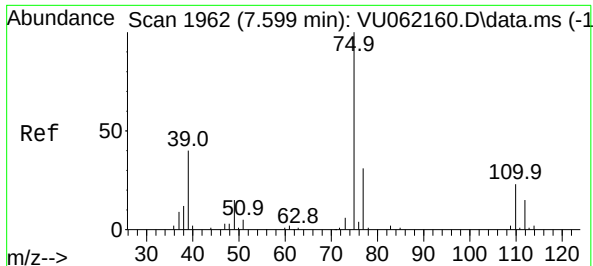
Tgt Ion: 63 Resp: 29875
Ion Ratio Lower Upper
63 100
112 3.9 3.4 5.0



#38
Bromodichloromethane
Concen: 4.268 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU062180.D
Acq: 10 Dec 2024 00:20

Tgt Ion: 83 Resp: 44159
Ion Ratio Lower Upper
83 100
85 63.2 44.1 81.9
127 8.8 6.9 10.3

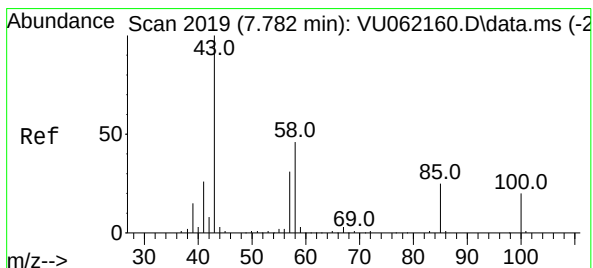
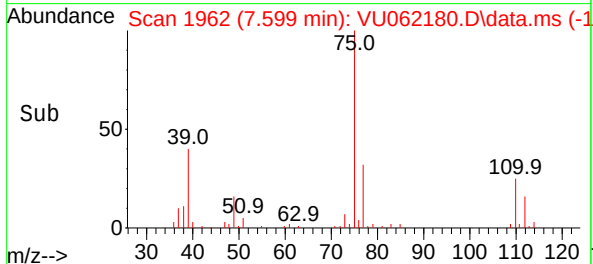
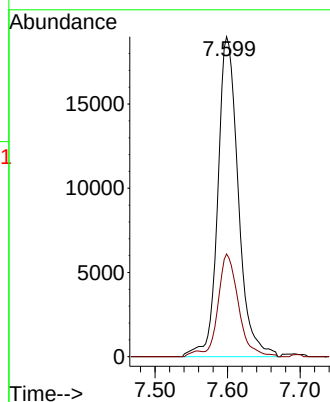
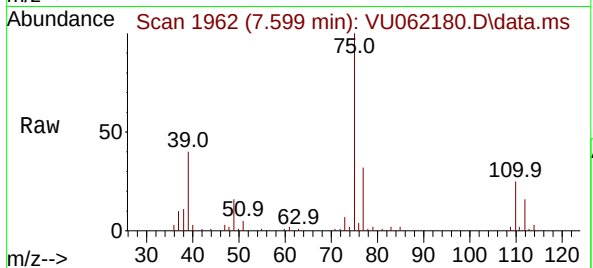




#39
 cis-1,3-Dichloropropene
 Concen: 3.168 ug/L
 RT: 7.599 min Scan# 1962
 Delta R.T. -0.000 min
 Lab File: VU062180.D
 Acq: 10 Dec 2024 00:20

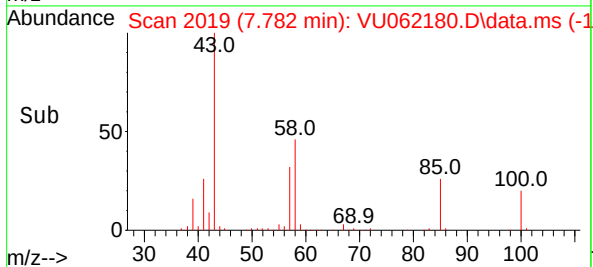
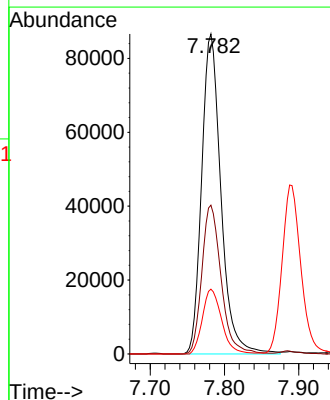
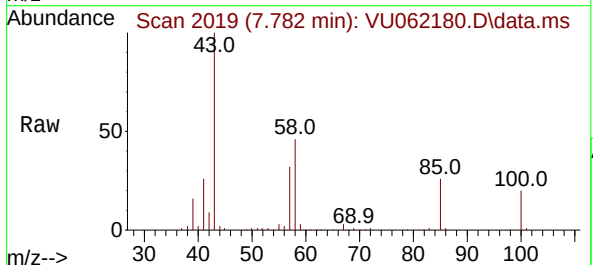
Instrument :
 MSVOA_U
 ClientSampleId :
 E1PK0MSD

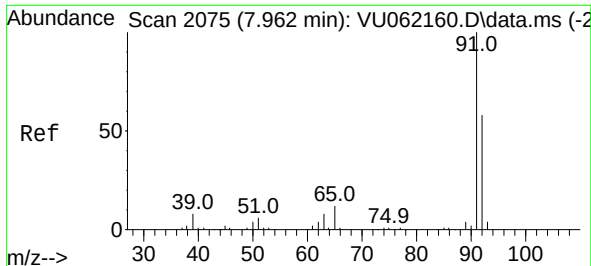
Tgt Ion: 75 Resp: 37240
 Ion Ratio Lower Upper
 75 100
 77 32.1 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 45.483 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VU062180.D
 Acq: 10 Dec 2024 00:20

Tgt Ion: 43 Resp: 156331
 Ion Ratio Lower Upper
 43 100
 58 46.5 33.3 49.9
 100 20.2 12.4 18.6#





#42

Toluene

Concen: 4.125 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU062180.D

Acq: 10 Dec 2024 00:20

Instrument :

MSVOA_U

ClientSampleId :

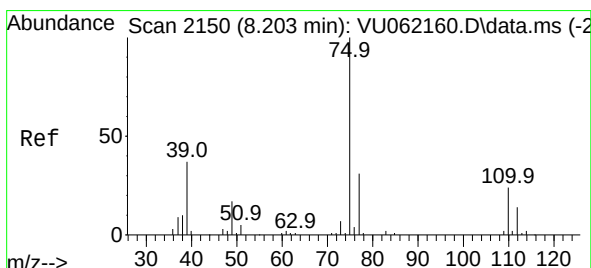
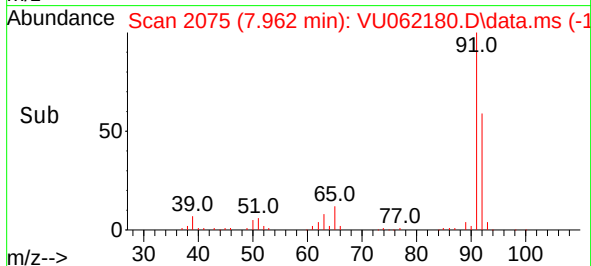
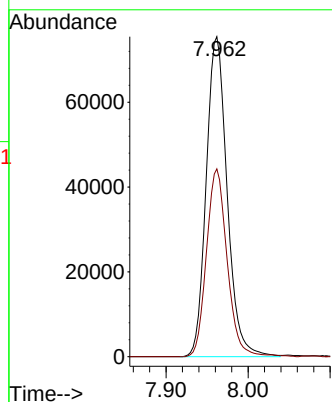
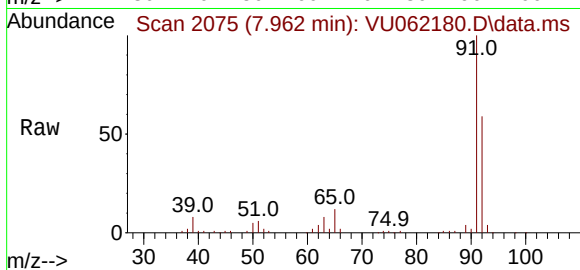
E1PK0MSD

Tgt Ion: 91 Resp: 133962

Ion Ratio Lower Upper

91 100

92 58.7 39.0 72.4



#44

trans-1,3-Dichloropropene

Concen: 3.305 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU062180.D

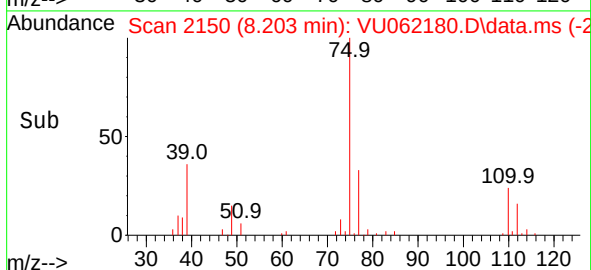
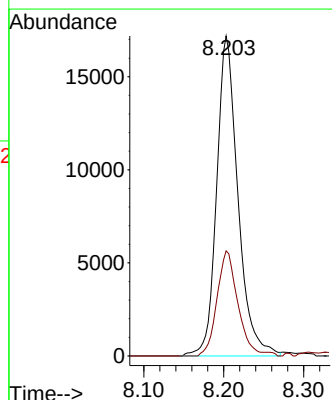
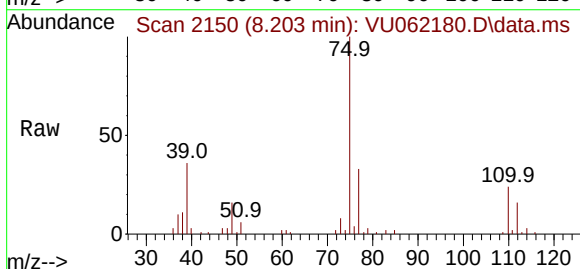
Acq: 10 Dec 2024 00:20

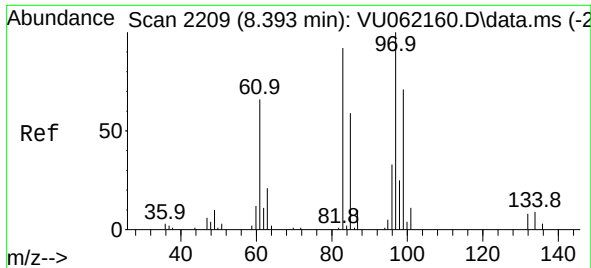
Tgt Ion: 75 Resp: 31722

Ion Ratio Lower Upper

75 100

77 32.9 21.8 40.4



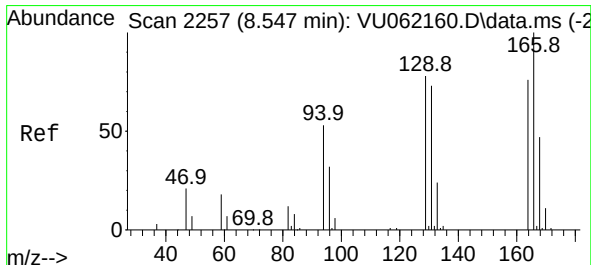
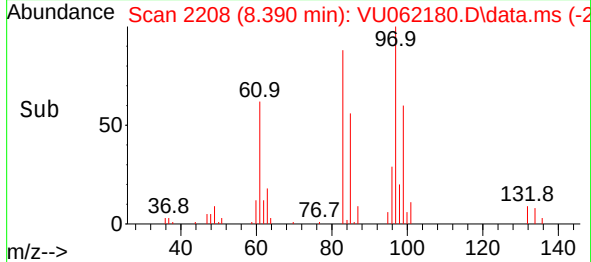
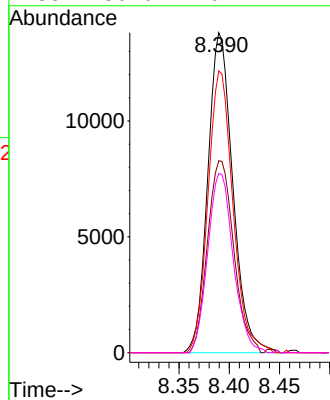
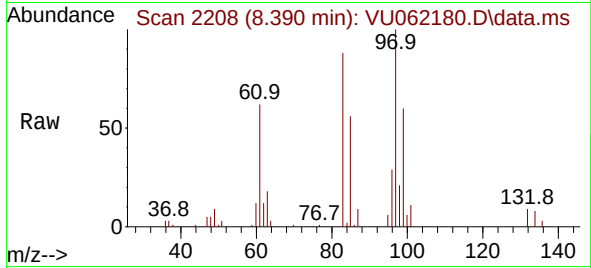


#45
1,1,2-Trichloroethane
Concen: 4.314 ug/L
RT: 8.390 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU062180.D
Acq: 10 Dec 2024 00:20

Instrument :
MSVOA_U
ClientSampleId :
E1PK0MSD

Tgt Ion: 97 Resp: 23882

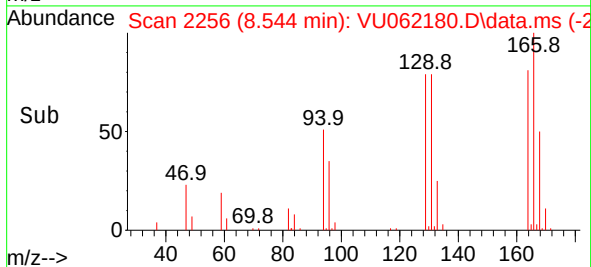
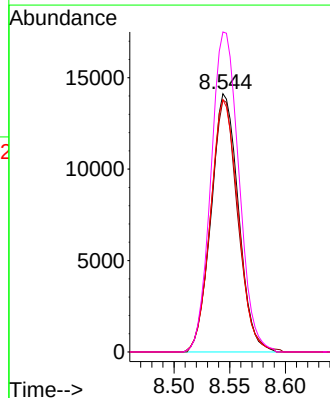
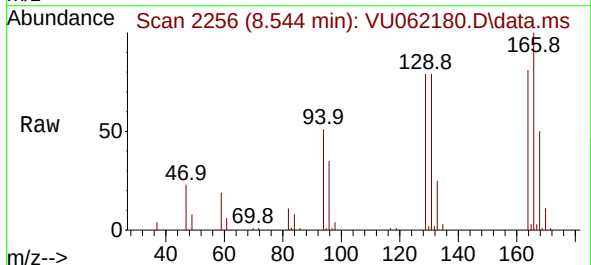
Ion	Ratio	Lower	Upper
97	100		
99	60.0	43.0	79.8
83	88.1	61.7	114.5
85	56.0	40.1	74.5

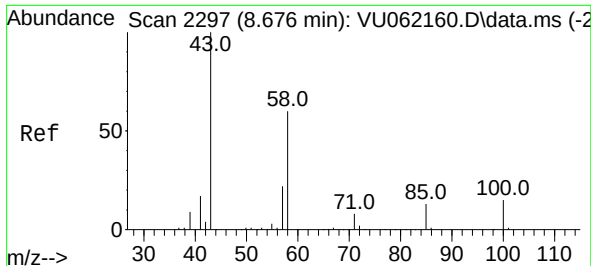


#47
Tetrachloroethene
Concen: 3.657 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.003 min
Lab File: VU062180.D
Acq: 10 Dec 2024 00:20

Tgt Ion: 164 Resp: 24084

Ion	Ratio	Lower	Upper
164	100		
129	97.6	73.2	136.0
131	97.7	72.3	134.3
166	123.9	90.2	167.4



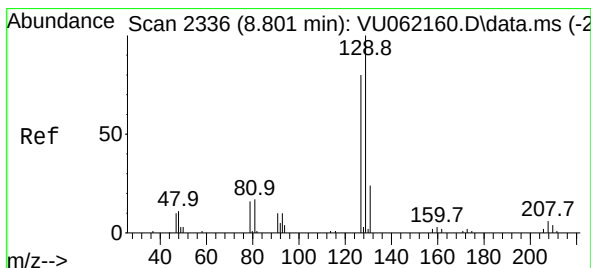
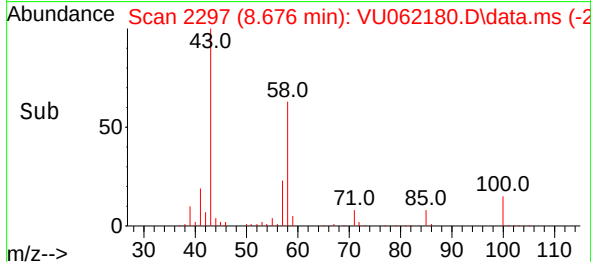
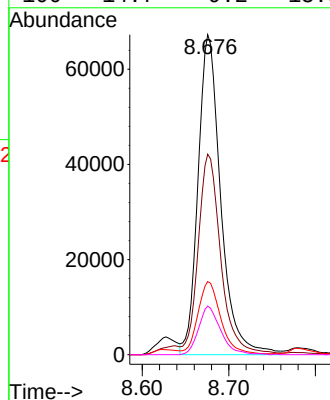
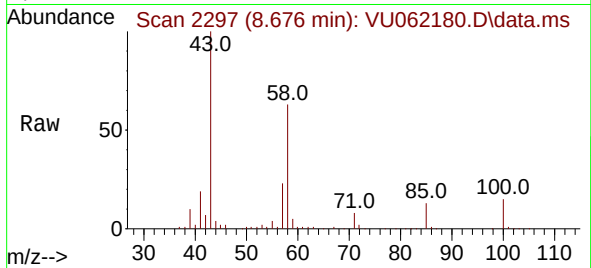


#48
2-Hexanone
Concen: 48.397 ug/L
RT: 8.676 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VU062180.D
Acq: 10 Dec 2024 00:20

Instrument :
MSVOA_U
ClientSampleId :
E1PK0MSD

Tgt Ion: 43 Resp: 122935

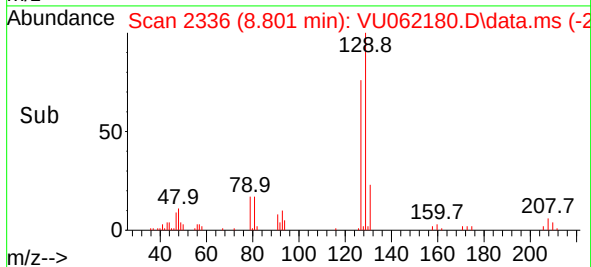
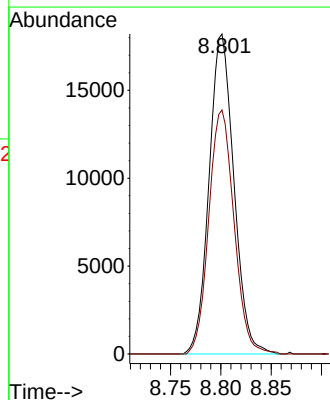
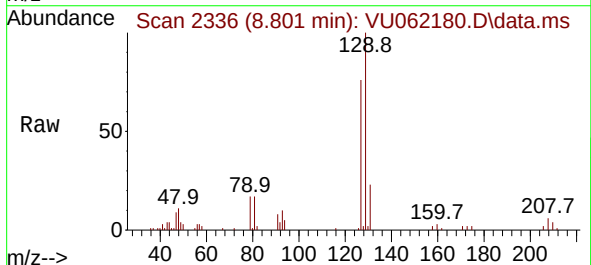
Ion	Ratio	Lower	Upper
43	100		
58	61.1	47.5	71.3
57	23.3	15.6	23.4
100	14.7	9.2	13.8

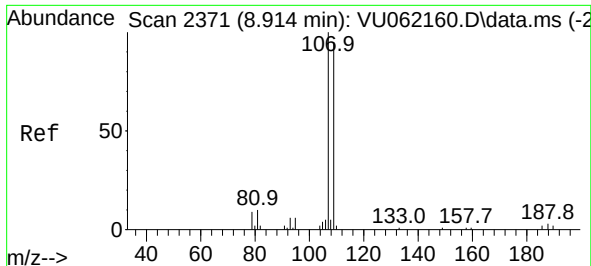


#49
Dibromochloromethane
Concen: 4.677 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU062180.D
Acq: 10 Dec 2024 00:20

Tgt Ion: 129 Resp: 31282

Ion	Ratio	Lower	Upper
129	100		
127	76.3	51.1	94.9





#50

1,2-Dibromoethane

Concen: 4.332 ug/L

RT: 8.917 min Scan# 2371

Delta R.T. 0.003 min

Lab File: VU062180.D

Acq: 10 Dec 2024 00:20

Instrument :

MSVOA_U

ClientSampleId :

E1PK0MSD

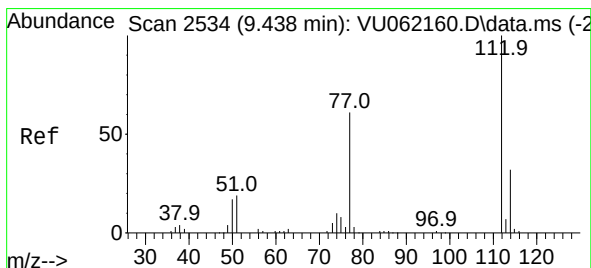
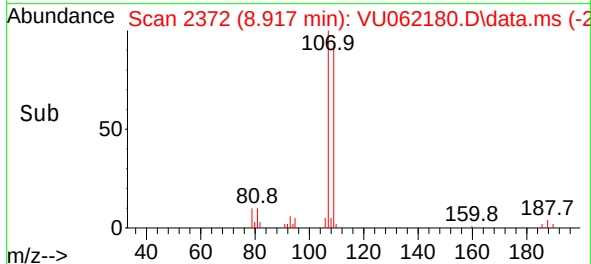
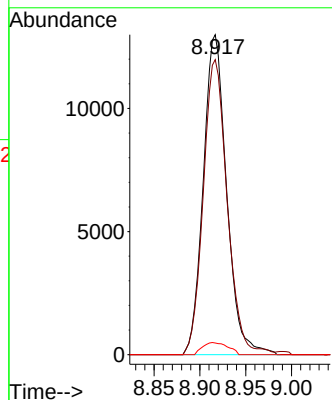
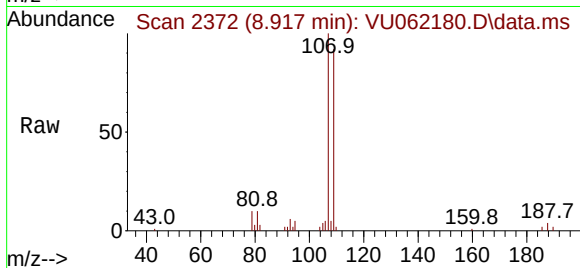
Tgt Ion:107 Resp: 23046

Ion Ratio Lower Upper

107 100

109 92.2 66.8 124.2

188 3.6 2.3 3.5#



#51

Chlorobenzene

Concen: 3.990 ug/L

RT: 9.438 min Scan# 2534

Delta R.T. -0.000 min

Lab File: VU062180.D

Acq: 10 Dec 2024 00:20

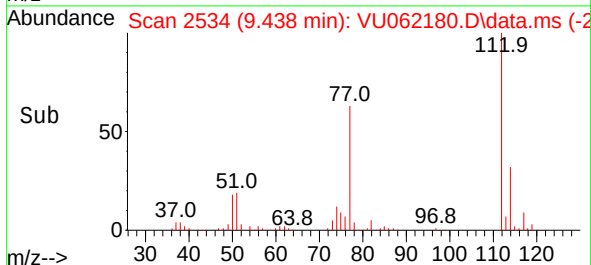
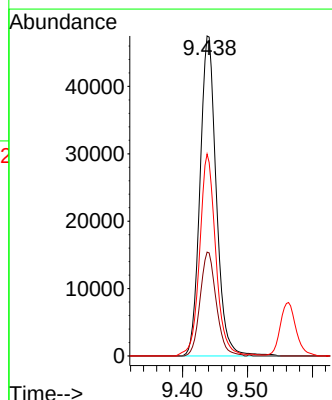
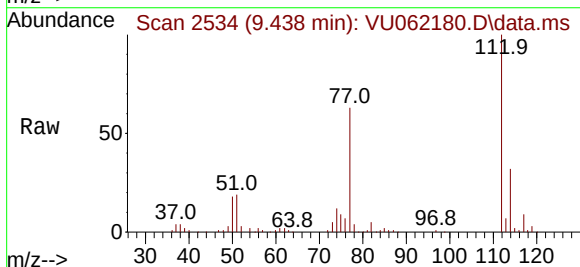
Tgt Ion:112 Resp: 83016

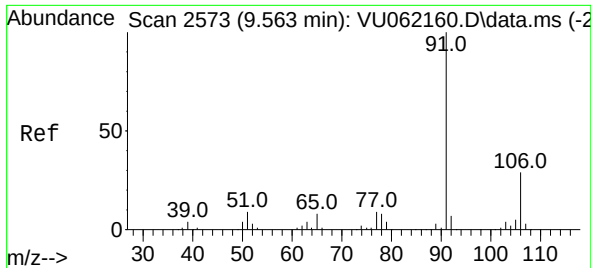
Ion Ratio Lower Upper

112 100

114 32.4 23.0 42.6

77 63.1 50.5 75.7

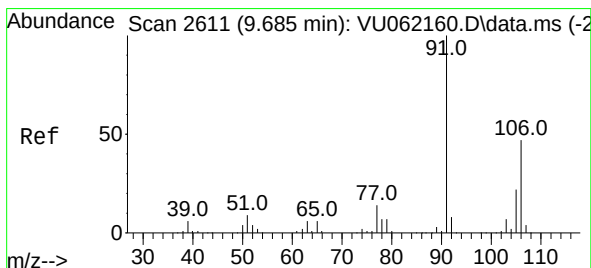
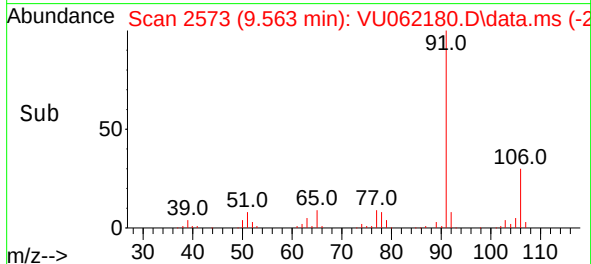
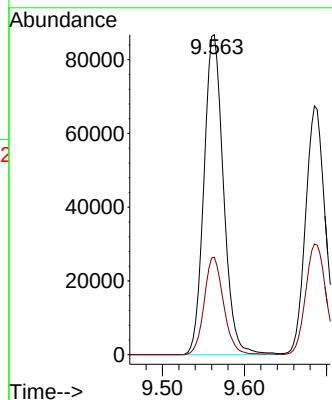
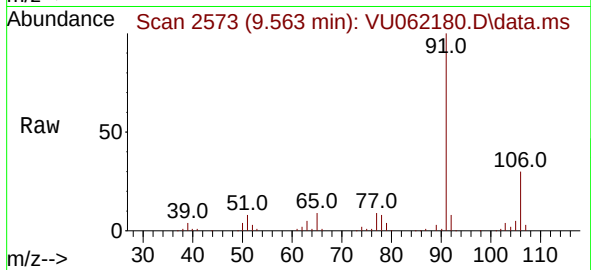




#52
Ethylbenzene
Concen: 3.942 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU062180.D
Acq: 10 Dec 2024 00:20

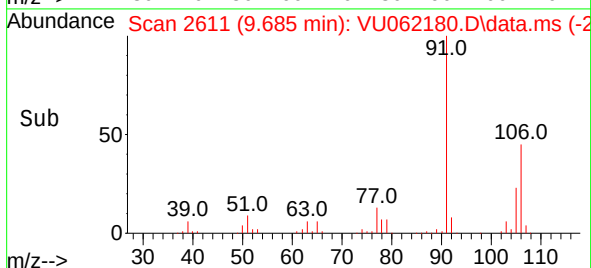
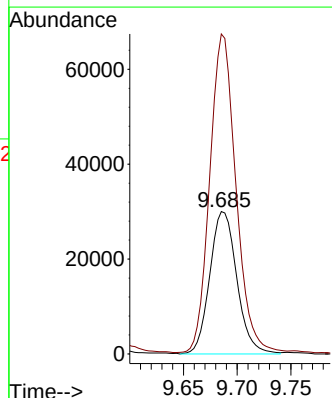
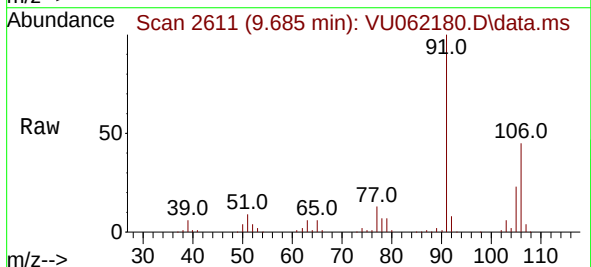
Instrument :
MSVOA_U
ClientSampleId :
E1PKOMSD

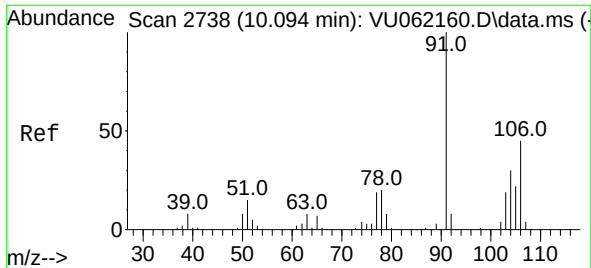
Tgt Ion: 91 Resp: 143534
Ion Ratio Lower Upper
91 100
106 30.5 21.6 40.0



#53
m,p-Xylene
Concen: 3.912 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU062180.D
Acq: 10 Dec 2024 00:20

Tgt Ion:106 Resp: 52583
Ion Ratio Lower Upper
106 100
91 224.6 147.6 274.0

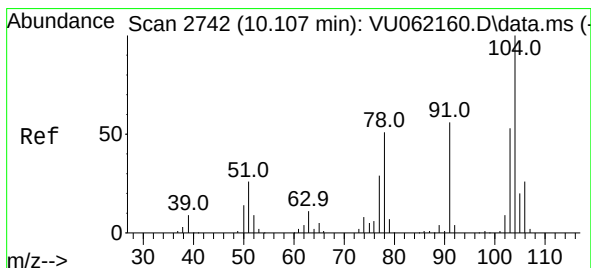
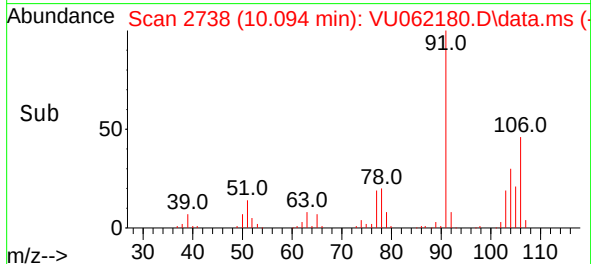
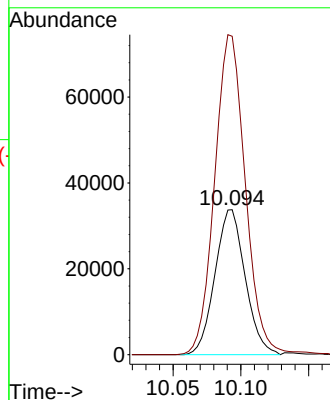
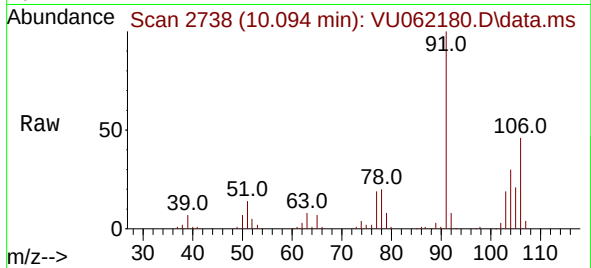




#54
o-Xylene
Concen: 4.009 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. -0.000 min
Lab File: VU062180.D
Acq: 10 Dec 2024 00:20

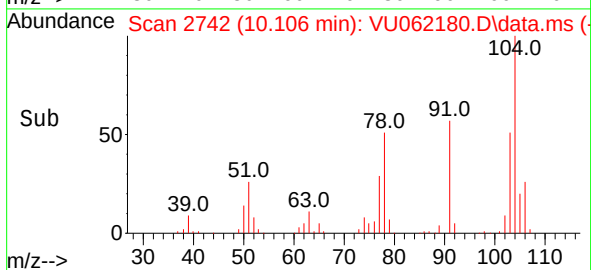
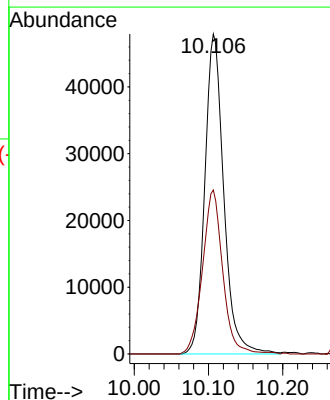
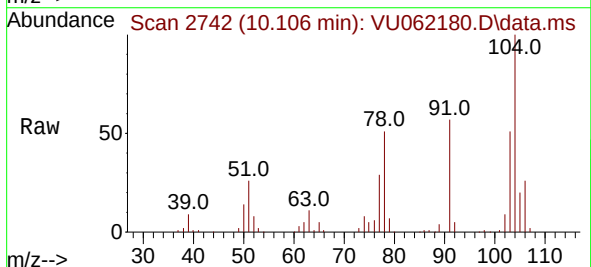
Instrument :
MSVOA_U
ClientSampleId :
E1PKOMSD

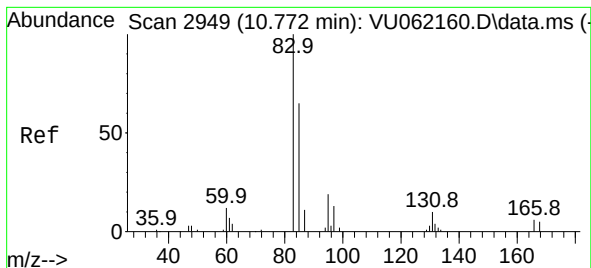
Tgt Ion:106 Resp: 52414
Ion Ratio Lower Upper
106 100
91 219.7 159.8 296.8



#55
Styrene
Concen: 3.941 ug/L
RT: 10.106 min Scan# 2742
Delta R.T. -0.000 min
Lab File: VU062180.D
Acq: 10 Dec 2024 00:20

Tgt Ion:104 Resp: 84924
Ion Ratio Lower Upper
104 100
78 51.3 33.2 61.7





#57

1,1,2,2-Tetrachloroethane

Concen: 4.485 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. -0.000 min

Lab File: VU062180.D

Acq: 10 Dec 2024 00:20

Instrument :

MSVOA_U

ClientSampleId :

E1PK0MSD

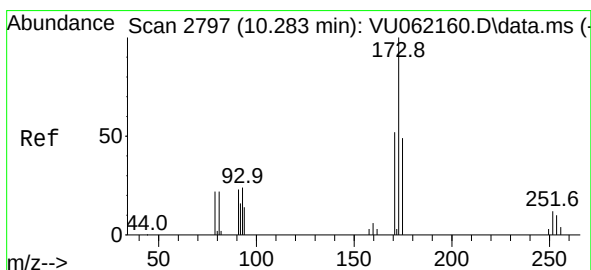
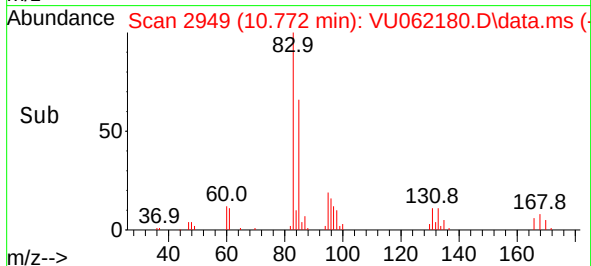
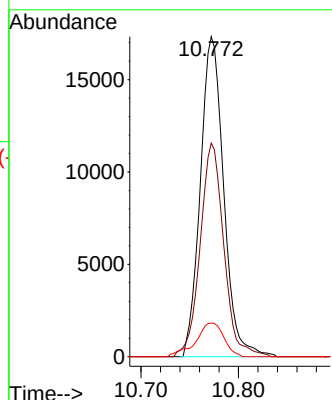
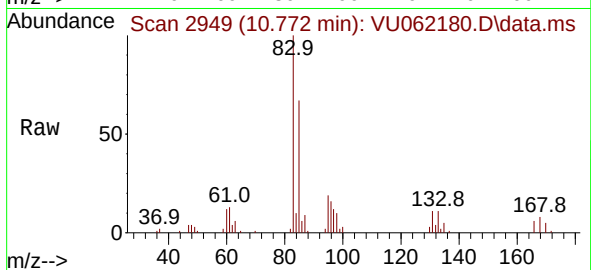
Tgt Ion: 83 Resp: 28897

Ion Ratio Lower Upper

83 100

85 66.8 44.4 82.4

131 10.5 7.3 10.9



#59

Bromoform

Concen: 4.799 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.000 min

Lab File: VU062180.D

Acq: 10 Dec 2024 00:20

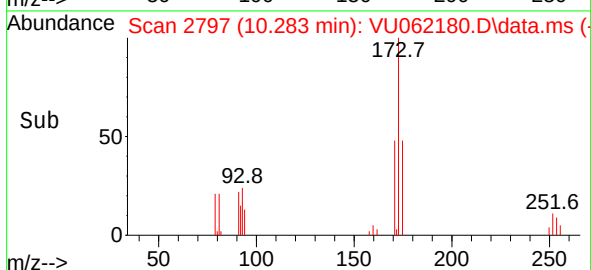
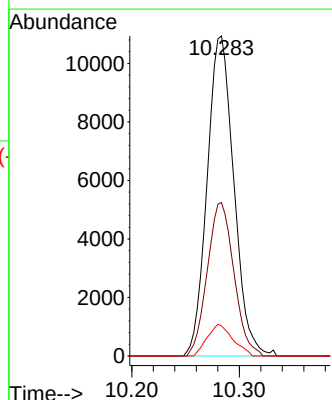
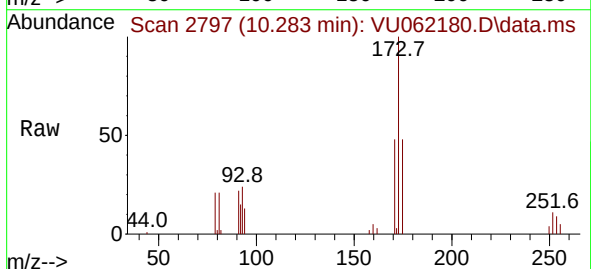
Tgt Ion:173 Resp: 18871

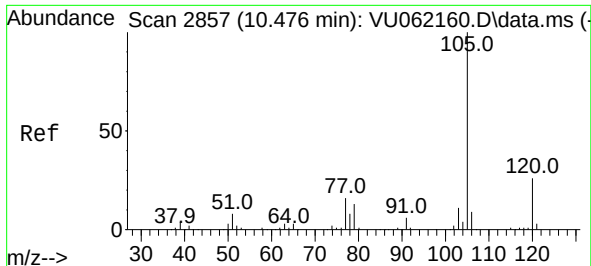
Ion Ratio Lower Upper

173 100

175 47.7 39.0 58.4

254 9.4 7.4 11.0

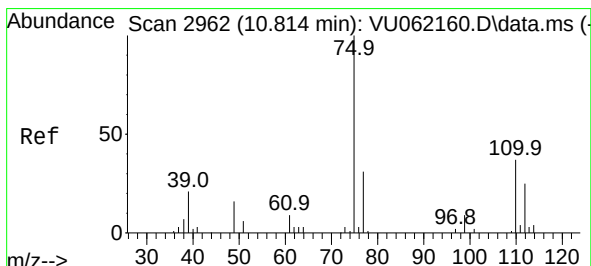
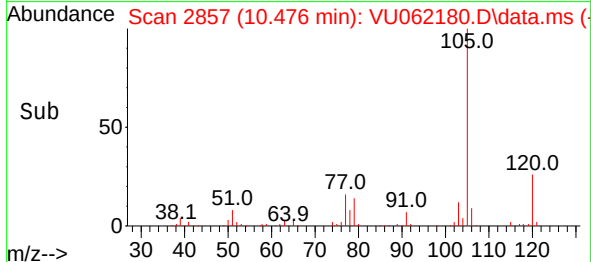
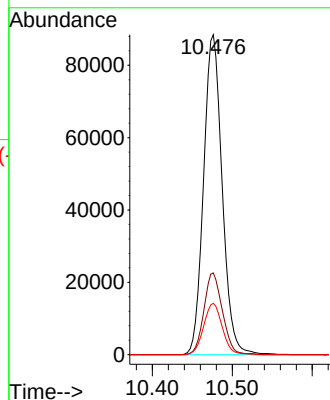
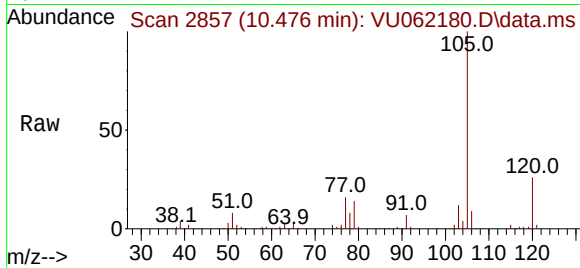




#60
Isopropylbenzene
Concen: 3.966 ug/L
RT: 10.476 min Scan# 2857
Delta R.T. -0.000 min
Lab File: VU062180.D
Acq: 10 Dec 2024 00:20

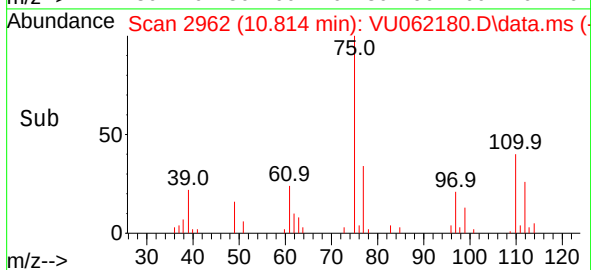
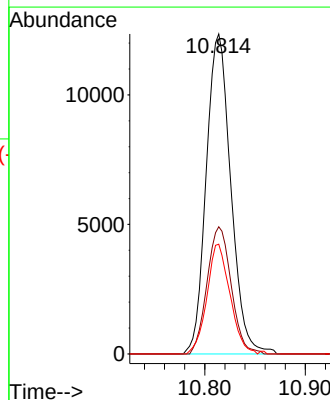
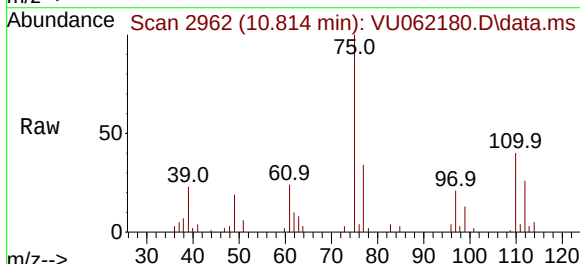
Instrument :
MSVOA_U
ClientSampleId :
E1PKOMSD

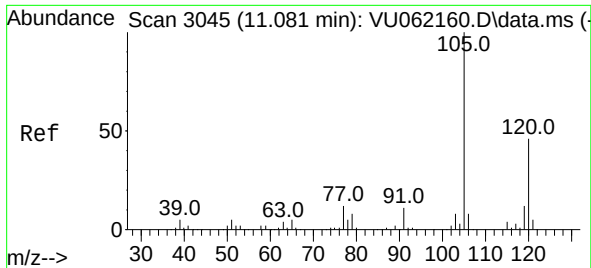
Tgt Ion:105 Resp: 143365
Ion Ratio Lower Upper
105 100
120 25.4 20.6 31.0
77 16.1 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 4.540 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. -0.000 min
Lab File: VU062180.D
Acq: 10 Dec 2024 00:20

Tgt Ion: 75 Resp: 21009
Ion Ratio Lower Upper
75 100
110 38.9 28.9 43.3
77 32.1 26.5 39.7





#62

1,3,5-Trimethylbenzene

Concen: 3.881 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. -0.000 min

Lab File: VU062180.D

Acq: 10 Dec 2024 00:20

Instrument :

MSVOA_U

ClientSampleId :

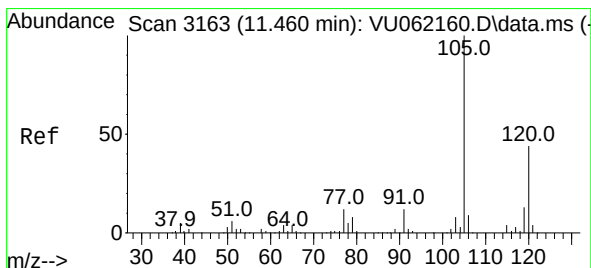
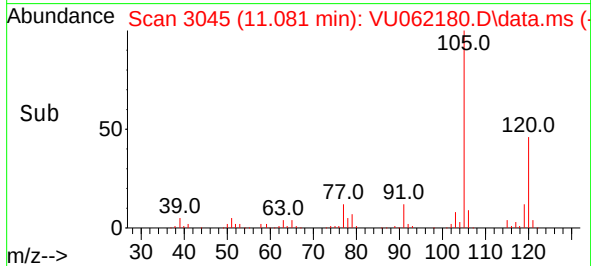
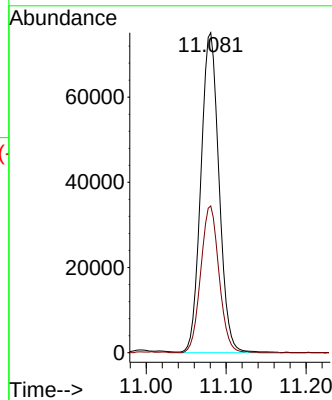
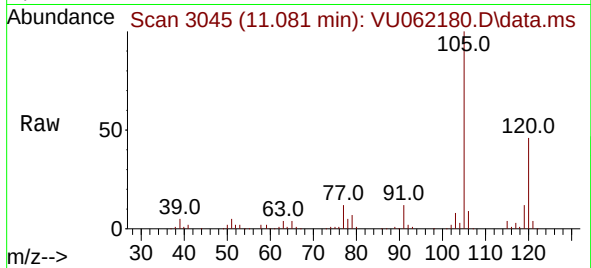
E1PK0MSD

Tgt Ion:105 Resp: 118733

Ion Ratio Lower Upper

105 100

120 46.3 36.7 55.1



#63

1,2,4-Trimethylbenzene

Concen: 3.943 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.000 min

Lab File: VU062180.D

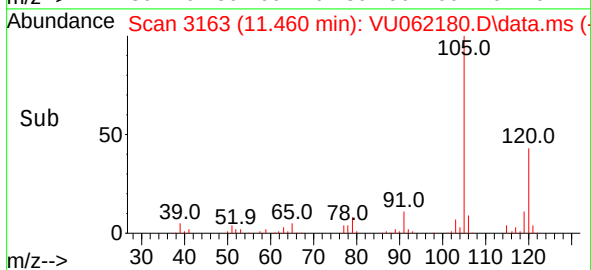
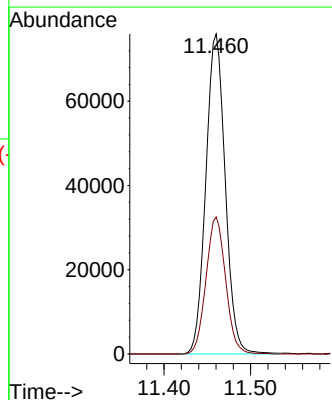
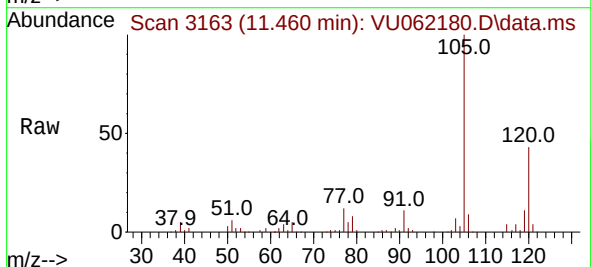
Acq: 10 Dec 2024 00:20

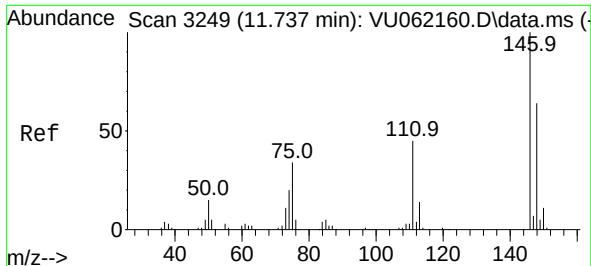
Tgt Ion:105 Resp: 118193

Ion Ratio Lower Upper

105 100

120 43.2 34.7 52.1





#64

1,3-Dichlorobenzene

Concen: 4.082 ug/L

RT: 11.737 min Scan# 3249

Delta R.T. -0.000 min

Lab File: VU062180.D

Acq: 10 Dec 2024 00:20

Instrument :

MSVOA_U

ClientSampleId :

E1PK0MSD

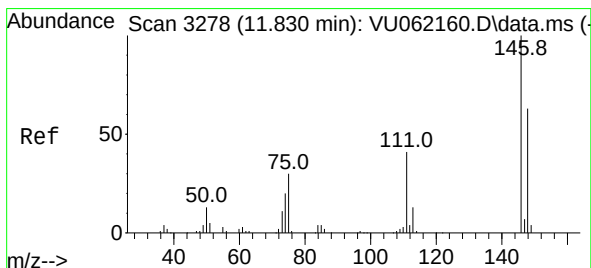
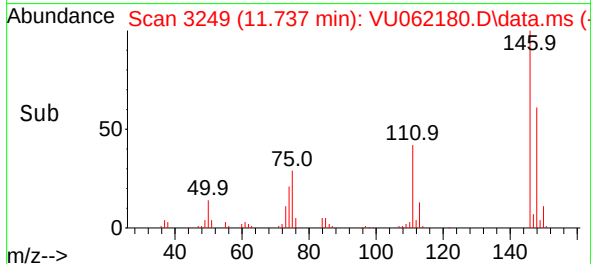
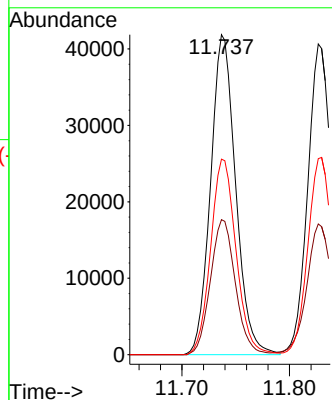
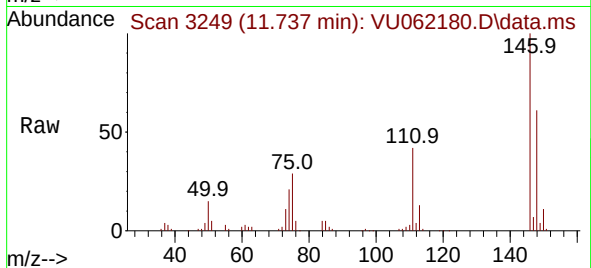
Tgt Ion:146 Resp: 67777

Ion Ratio Lower Upper

146 100

111 42.2 30.7 57.1

148 61.1 45.1 83.7



#65

1,4-Dichlorobenzene

Concen: 3.930 ug/L

RT: 11.827 min Scan# 3277

Delta R.T. -0.003 min

Lab File: VU062180.D

Acq: 10 Dec 2024 00:20

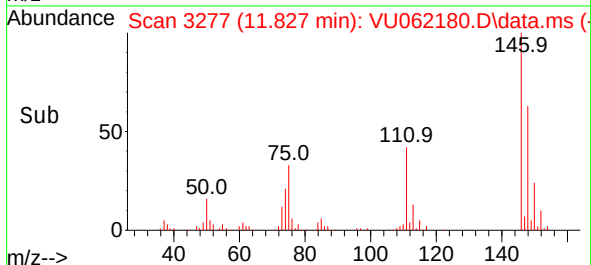
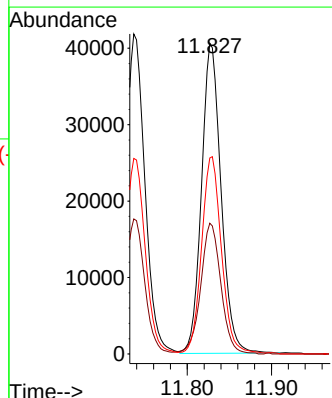
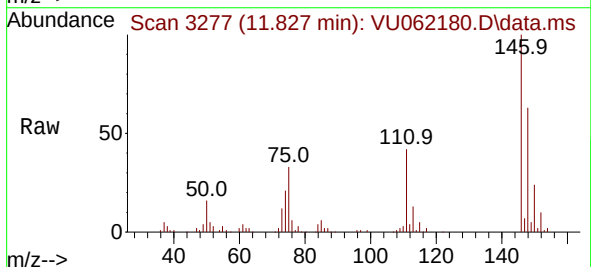
Tgt Ion:146 Resp: 65706

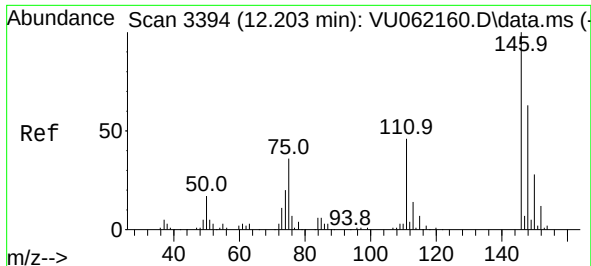
Ion Ratio Lower Upper

146 100

111 42.1 29.3 54.3

148 63.1 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 4.096 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. -0.000 min

Lab File: VU062180.D

Acq: 10 Dec 2024 00:20

Instrument :

MSVOA_U

ClientSampleId :

E1PK0MSD

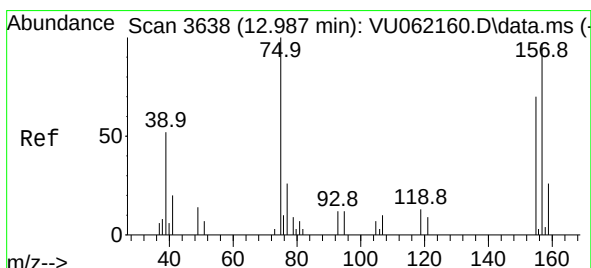
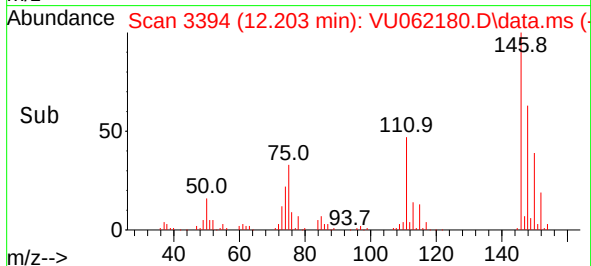
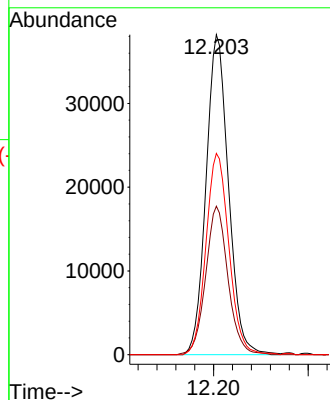
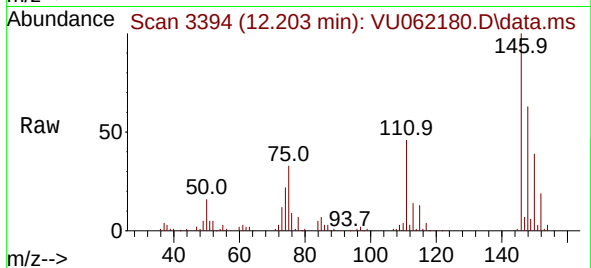
Tgt Ion:146 Resp: 62855

Ion Ratio Lower Upper

146 100

111 46.4 36.0 54.0

148 62.9 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 4.973 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.000 min

Lab File: VU062180.D

Acq: 10 Dec 2024 00:20

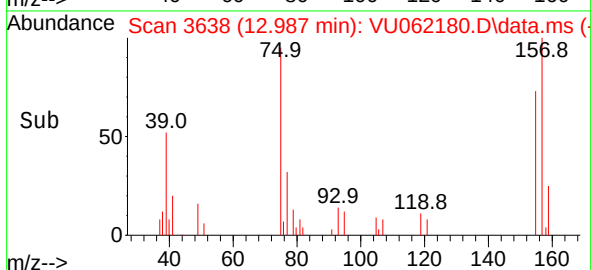
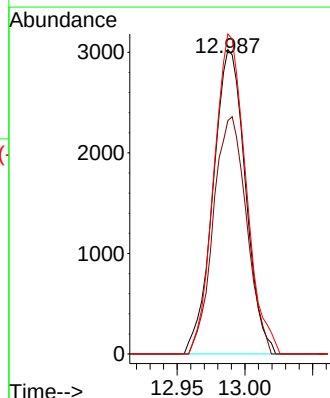
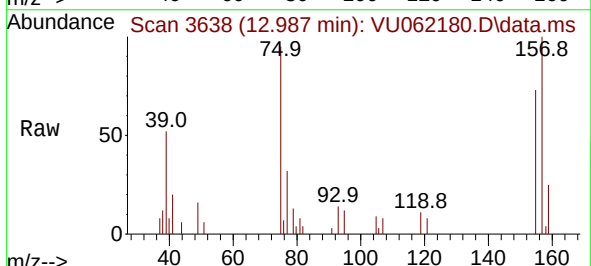
Tgt Ion: 75 Resp: 5019

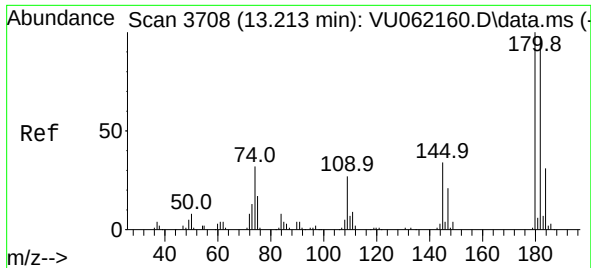
Ion Ratio Lower Upper

75 100

155 76.7 55.2 82.8

157 105.2 73.5 110.3





#69

1,3,5-Trichlorobenzene

Concen: 3.905 ug/L

RT: 13.212 min Scan# 3

Delta R.T. -0.000 min

Lab File: VU062180.D

Acq: 10 Dec 2024 00:20

Instrument :

MSVOA_U

ClientSampleId :

E1PK0MSD

Tgt Ion:180 Resp: 48203

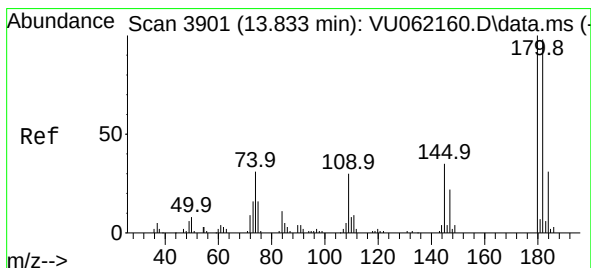
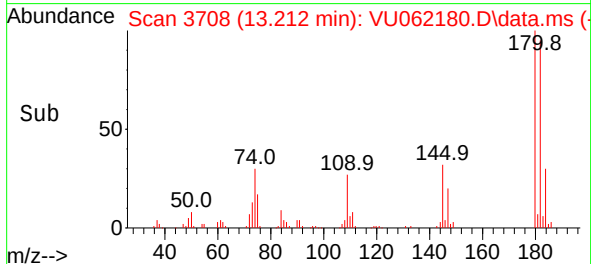
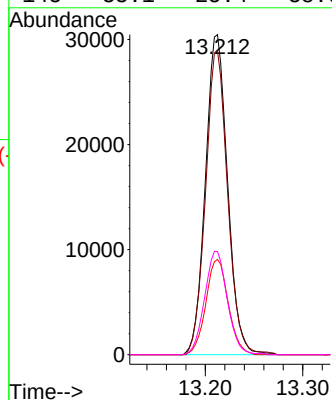
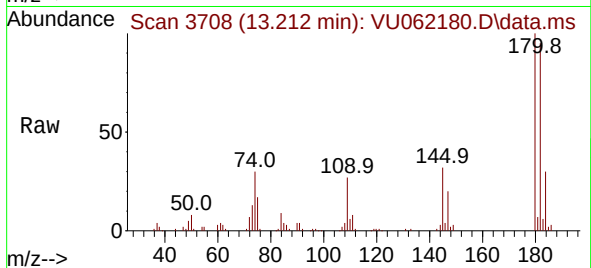
Ion Ratio Lower Upper

180 100

182 94.5 76.7 115.1

184 30.2 24.8 37.2

145 33.1 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 4.314 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU062180.D

Acq: 10 Dec 2024 00:20

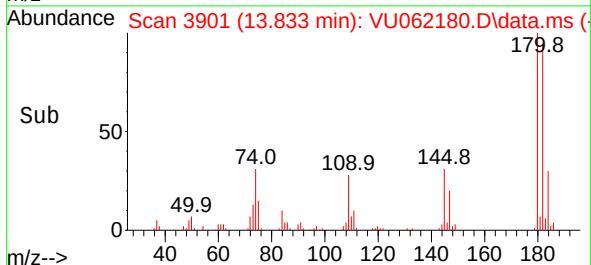
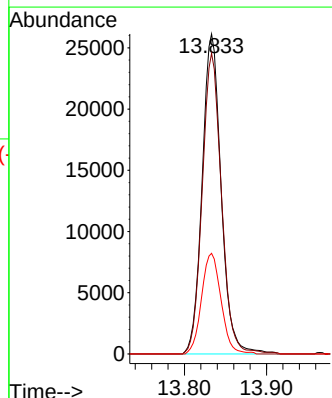
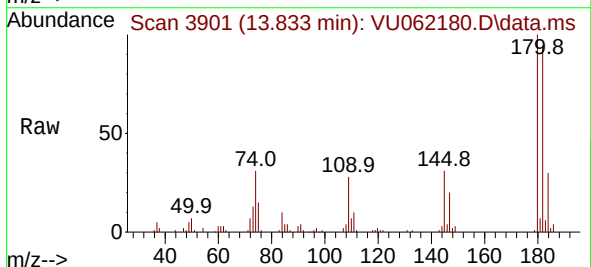
Tgt Ion:180 Resp: 42038

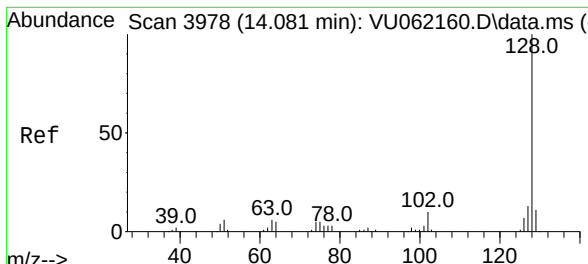
Ion Ratio Lower Upper

180 100

182 95.0 74.5 111.7

145 32.3 25.6 38.4

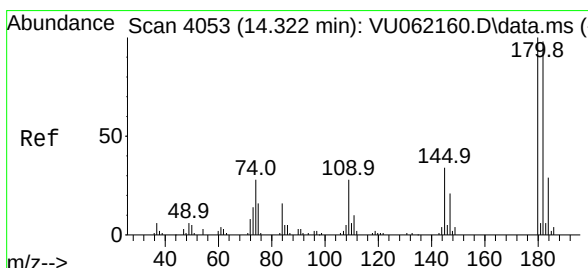
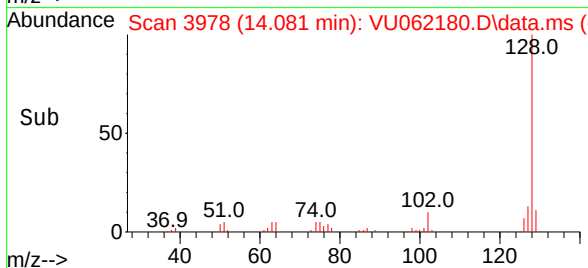
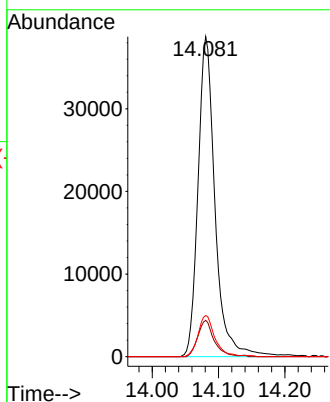
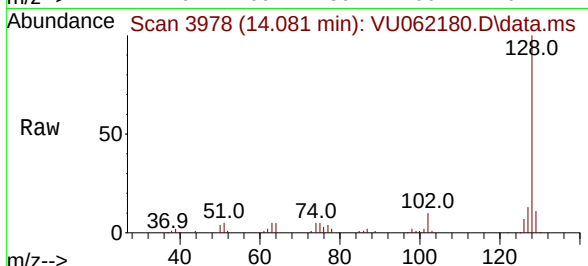




#71
Naphthalene
Concen: 4.700 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU062180.D
Acq: 10 Dec 2024 00:20

Instrument :
MSVOA_U
ClientSampleId :
E1PK0MSD

Tgt Ion:128 Resp: 68786
Ion Ratio Lower Upper
128 100
129 10.8 8.5 12.7
127 12.9 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.358 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU062180.D
Acq: 10 Dec 2024 00:20

Tgt Ion:180 Resp: 37455
Ion Ratio Lower Upper
180 100
182 97.3 76.1 114.1
145 34.5 27.4 41.0

