

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112024\
 Data File : VU061864.D
 Acq On : 20 Nov 2024 13:45
 Operator : MD/SY
 Sample : VSTDICV005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 21 01:12:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 21 01:06:43 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	179899	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	204310	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	81246	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	42118	4.773	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.400%
7) Chloroethane-d5	1.907	69	36844	4.720	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.400%
11) 1,1-Dichloroethene-d2	2.557	65	17723	5.027	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.600%
20) 2-Butanone-d5	4.611	46	138050	49.819	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.640%
24) Chloroform-d	5.052	84	106452	4.945	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
26) 1,2-Dichloroethane-d4	5.692	65	52981	4.782	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
32) Benzene-d6	5.714	84	173619	4.362	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
36) 1,2-Dichloropropane-d6	6.679	67	59800	4.421	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.400%
41) Toluene-d8	7.888	98	150056	4.520	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
43) trans-1,3-Dichloroprop...	8.171	79	21785	4.351	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.000%
46) 2-Hexanone-d5	8.621	63	95542	41.803	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.600%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	54112	4.004	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.000%
66) 1,2-Dichlorobenzene-d4	12.183	152	61662	5.133	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	77250	4.908	ug/L	98
3) Chloromethane	1.518	50	78568	4.843	ug/L	99
5) Vinyl chloride	1.602	62	81547	4.893	ug/L	100
6) Bromomethane	1.849	94	49256	4.964	ug/L	100
8) Chloroethane	1.927	64	48681	4.530	ug/L	99
9) Trichlorofluoromethane	2.132	101	105026	4.981	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	63936	4.928	ug/L	98
12) 1,1-Dichloroethene	2.573	96	58153	4.820	ug/L	99
13) Acetone	2.618	43	91541	47.847	ug/L	96
14) Carbon disulfide	2.785	76	188132	4.902	ug/L	99
15) Methyl Acetate	2.943	43	24389	4.964	ug/L	99
16) Methylene chloride	3.036	84	68395	4.721	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	150219	4.858	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	64077	5.024	ug/L	96
19) 1,1-Dichloroethane	3.856	63	120536	4.852	ug/L	99
21) 2-Butanone	4.689	43	153025	49.489	ug/L	99
22) cis-1,2-Dichloroethene	4.656	96	72289	5.036	ug/L	99
23) Bromochloromethane	4.962	128	30837	4.942	ug/L	95
25) Chloroform	5.074	83	127119	4.895	ug/L	96

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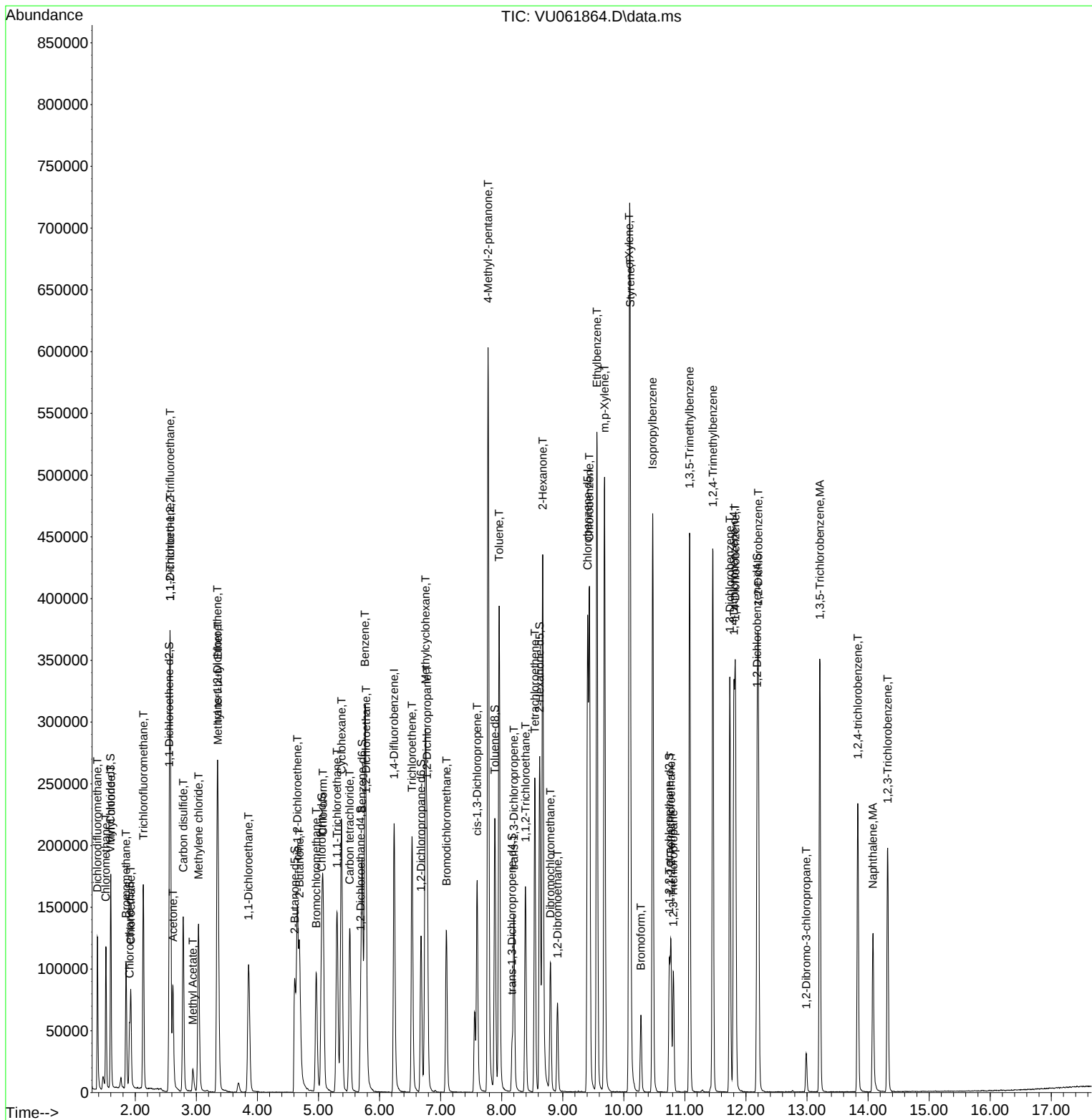
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 MSVOA_U
 ClientSampleId :

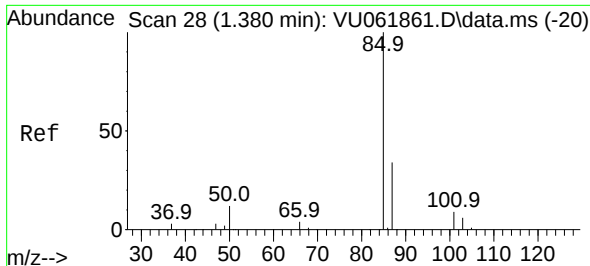
Quant Time: Nov 21 01:12:02 2024
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 21 01:06:43 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	80201	4.801	ug/L	100
29) 1,1,1-Trichloroethane	5.303	97	106959	4.542	ug/L	100
30) Cyclohexane	5.377	56	112737	4.577	ug/L	98
31) Carbon tetrachloride	5.512	117	90824	4.542	ug/L	100
33) Benzene	5.762	78	272906	4.423	ug/L	100
34) Trichloroethene	6.531	95	74342	4.514	ug/L	98
35) Methylcyclohexane	6.753	83	114516	4.546	ug/L	99
37) 1,2-Dichloropropane	6.779	63	72540	4.525	ug/L	97
38) Bromodichloromethane	7.097	83	87472	4.499	ug/L	99
39) cis-1,3-Dichloropropene	7.598	75	102198	4.547	ug/L	98
40) 4-Methyl-2-pentanone	7.778	43	387595	44.813	ug/L	99
42) Toluene	7.959	91	294600	4.550	ug/L	96
44) trans-1,3-Dichloropropene	8.200	75	80860	4.530	ug/L	99
45) 1,1,2-Trichloroethane	8.389	97	51444	4.356	ug/L	99
47) Tetrachloroethene	8.544	164	53063	4.430	ug/L	98
48) 2-Hexanone	8.672	43	276590	42.700	ug/L	98
49) Dibromochloromethane	8.798	129	52796	4.232	ug/L	93
50) 1,2-Dibromoethane	8.913	107	48523	4.140	ug/L	96
51) Chlorobenzene	9.438	112	218408	4.925	ug/L	99
52) Ethylbenzene	9.560	91	383823	4.953	ug/L	100
53) m,p-Xylene	9.685	106	141897	5.190	ug/L	98
54) o-Xylene	10.090	106	135137	4.897	ug/L	98
55) Styrene	10.106	104	222583	4.895	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.772	83	61186	4.043	ug/L	95
59) Bromoform	10.280	173	27955	4.628	ug/L	99
60) Isopropylbenzene	10.473	105	309341	4.883	ug/L	100
61) 1,2,3-Trichloropropane	10.811	75	43133	4.592	ug/L	99
62) 1,3,5-Trimethylbenzene	11.077	105	255366	5.053	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	253263	5.027	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	136500	4.854	ug/L	98
65) 1,4-Dichlorobenzene	11.827	146	133288	4.897	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	126944	5.190	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	8643	5.392	ug/L	93
69) 1,3,5-Trichlorobenzene	13.212	180	104727	6.258	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	69209	5.396	ug/L	99
71) Naphthalene	14.080	128	112566	5.446	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	58263	5.275	ug/L	99

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

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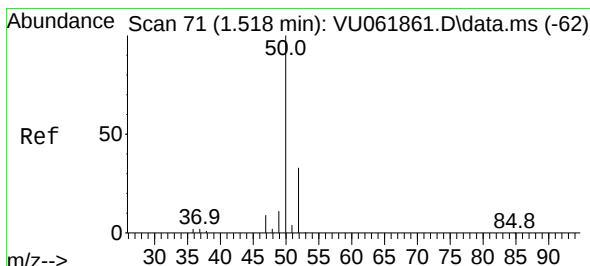
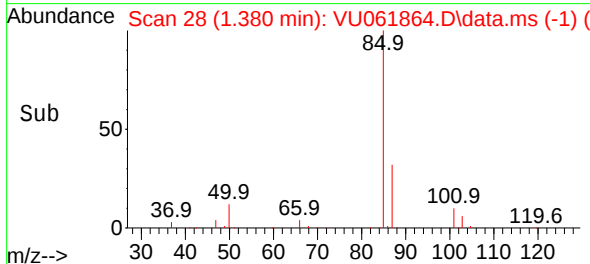
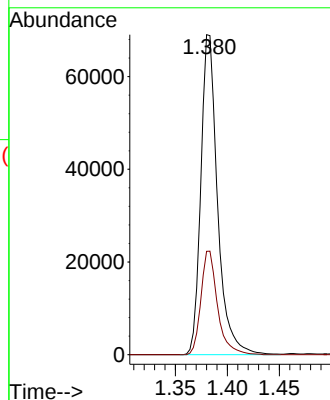
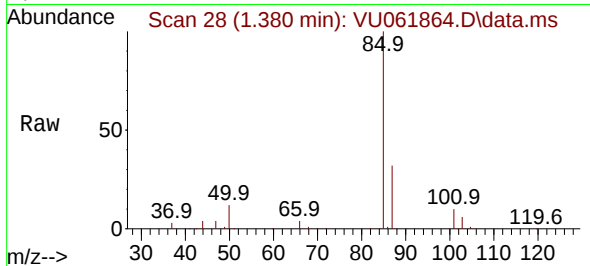




#2
 Dichlorodifluoromethane
 Concen: 4.908 ug/L
 RT: 1.380 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VU061864.D
 Acq: 20 Nov 2024 13:45

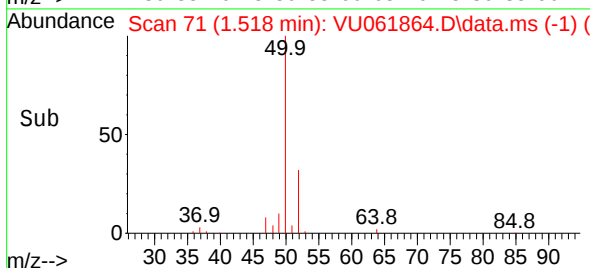
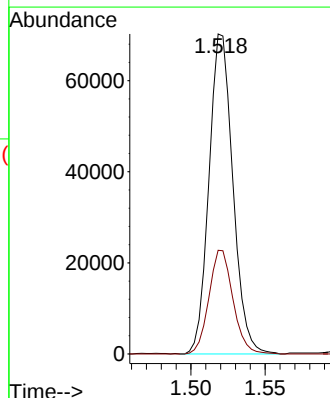
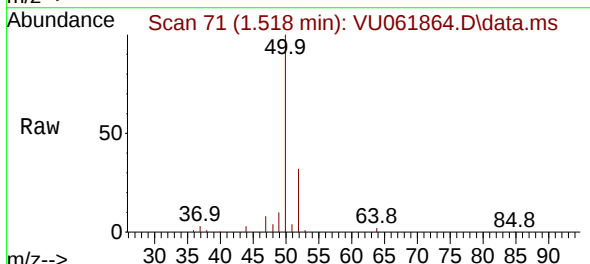
Instrument :
 MSVOA_U
 ClientSampleId :

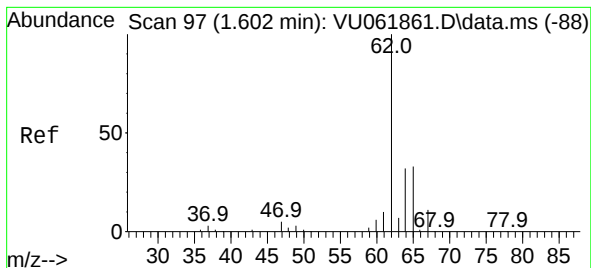
Tgt Ion: 85 Resp: 77250
 Ion Ratio Lower Upper
 85 100
 87 32.1 26.6 40.0



#3
 Chloromethane
 Concen: 4.843 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU061864.D
 Acq: 20 Nov 2024 13:45

Tgt Ion: 50 Resp: 78568
 Ion Ratio Lower Upper
 50 100
 52 32.4 23.1 42.9





#5

Vinyl chloride

Concen: 4.893 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU061864.D

Acq: 20 Nov 2024 13:45

Instrument :

MSVOA_U

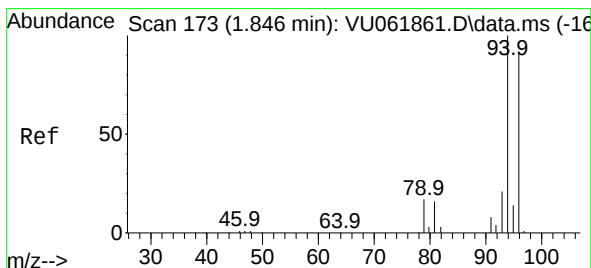
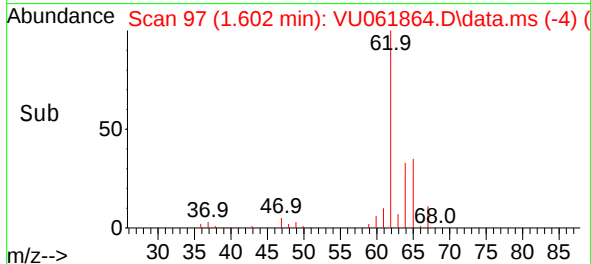
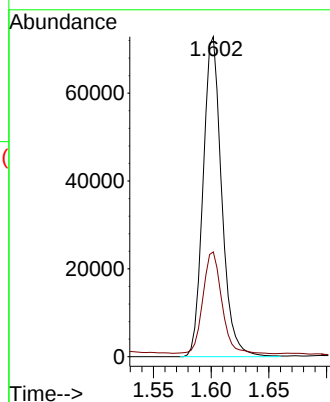
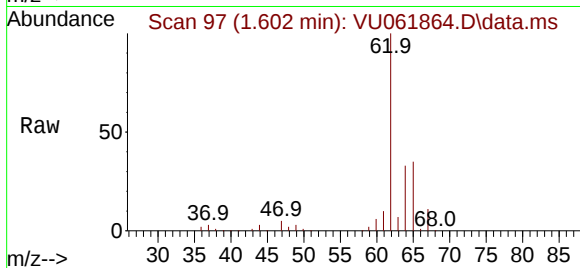
ClientSampleId :

Tgt Ion: 62 Resp: 81547

Ion Ratio Lower Upper

62 100

64 32.7 23.1 42.9



#6

Bromomethane

Concen: 4.964 ug/L

RT: 1.849 min Scan# 174

Delta R.T. 0.003 min

Lab File: VU061864.D

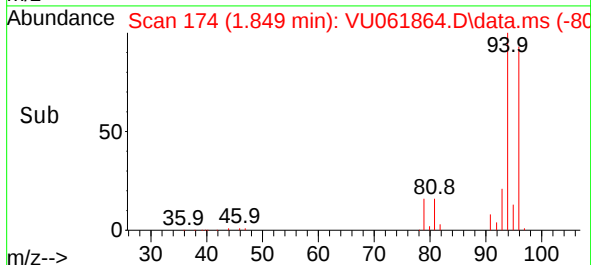
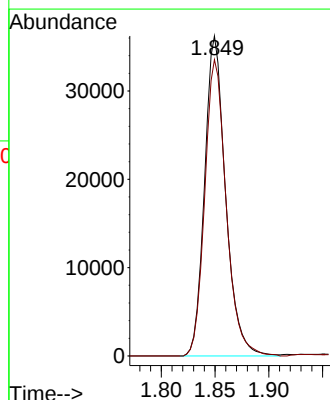
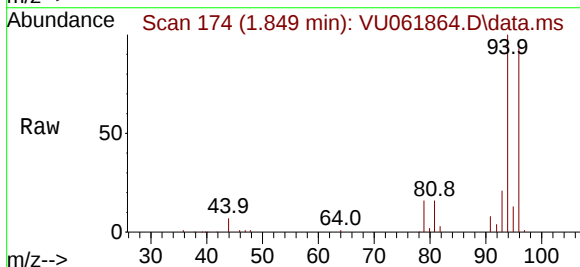
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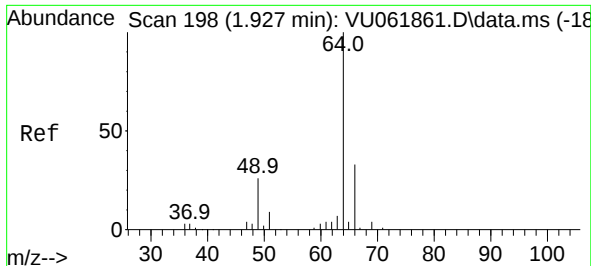
Tgt Ion: 94 Resp: 49256

Ion Ratio Lower Upper

94 100

96 92.6 64.5 119.9

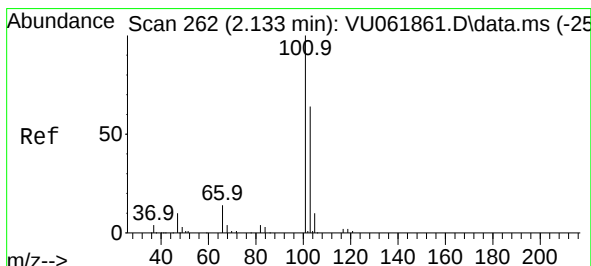
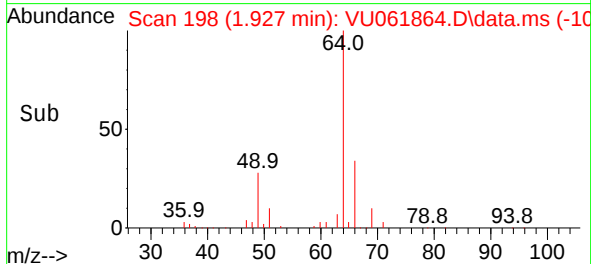
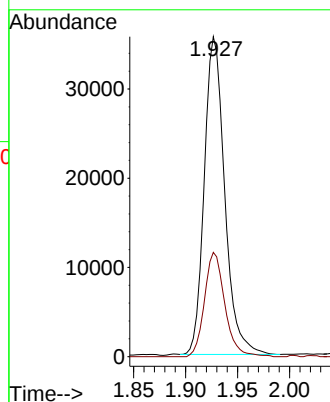
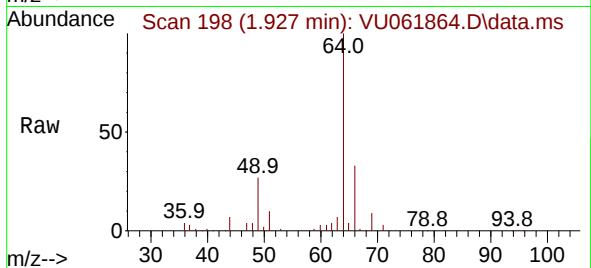




#8
Chloroethane
Concen: 4.530 ug/L
RT: 1.927 min Scan# 198
Delta R.T. -0.000 min
Lab File: VU061864.D
Acq: 20 Nov 2024 13:45

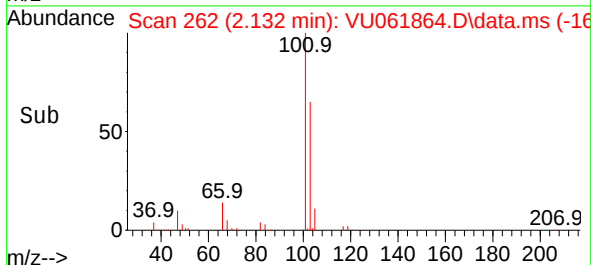
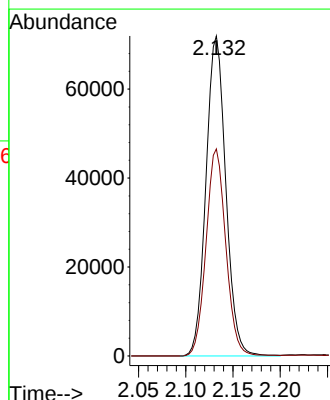
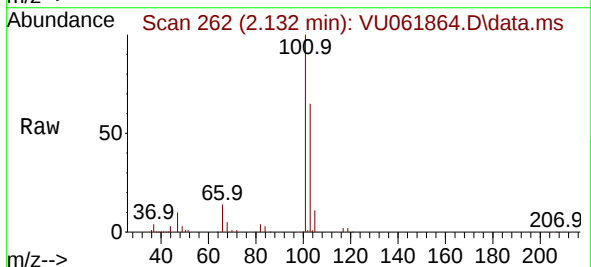
Instrument :
MSVOA_U
ClientSampleId :

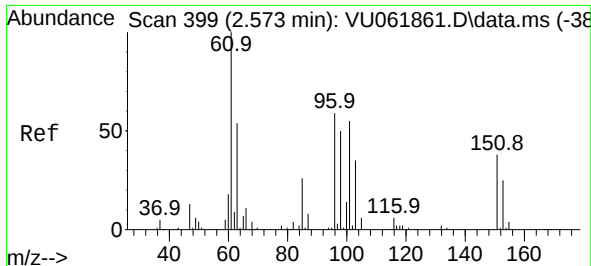
Tgt Ion: 64 Resp: 48681
Ion Ratio Lower Upper
64 100
66 32.6 23.2 43.2



#9
Trichlorofluoromethane
Concen: 4.981 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU061864.D
Acq: 20 Nov 2024 13:45

Tgt Ion:101 Resp: 105026
Ion Ratio Lower Upper
101 100
103 64.5 50.6 75.8

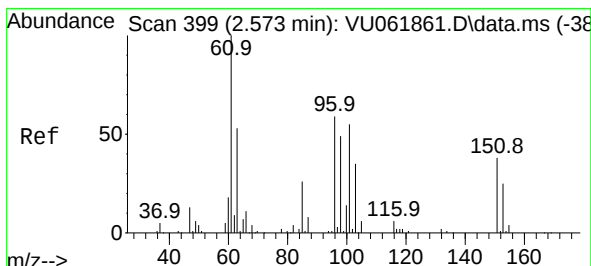
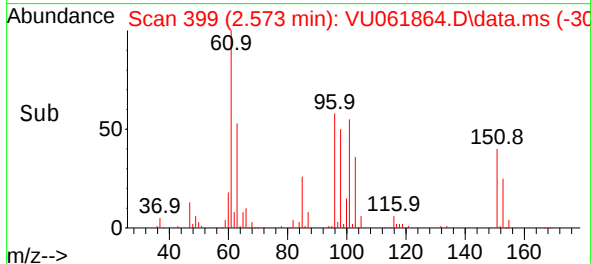
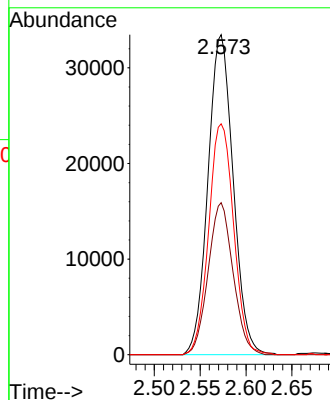
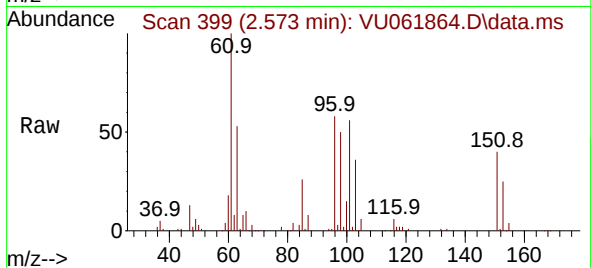




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.928 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU061864.D
Acq: 20 Nov 2024 13:45

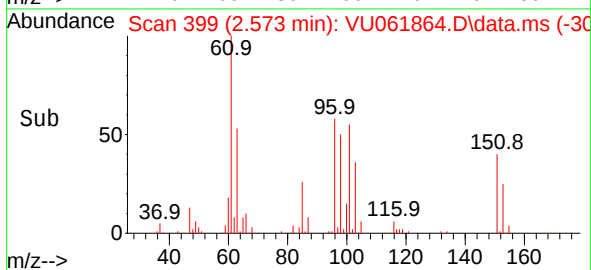
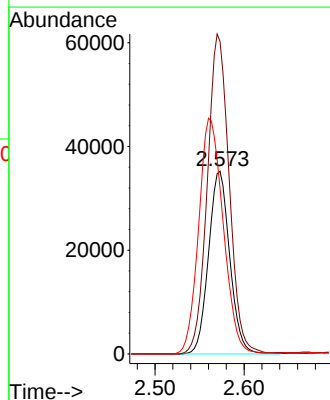
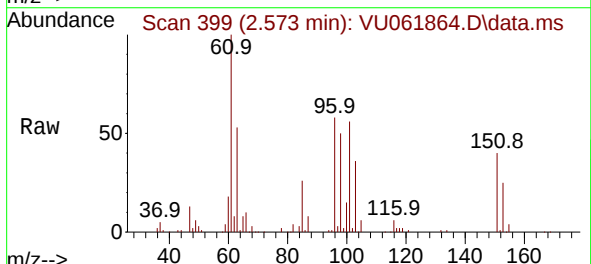
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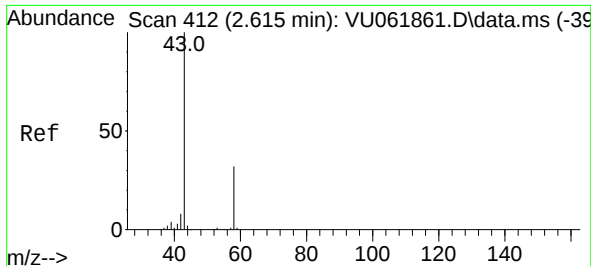
Tgt Ion:101 Resp: 63936
Ion Ratio Lower Upper
101 100
85 46.9 38.0 57.0
151 71.6 55.3 82.9



#12
1,1-Dichloroethene
Concen: 4.820 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU061864.D
Acq: 20 Nov 2024 13:45

Tgt Ion: 96 Resp: 58153
Ion Ratio Lower Upper
96 100
61 171.0 119.6 222.2
63 90.6 65.0 120.6





#13

Acetone

Concen: 47.847 ug/L

RT: 2.618 min Scan# 412

Delta R.T. 0.003 min

Lab File: VU061864.D

Acq: 20 Nov 2024 13:45

Instrument :

MSVOA_U

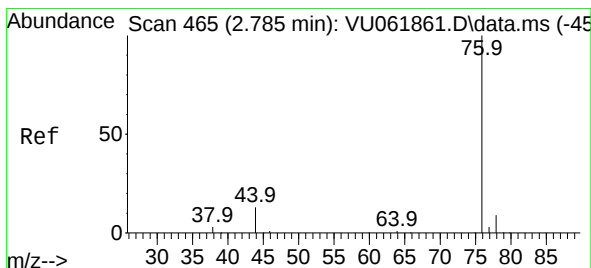
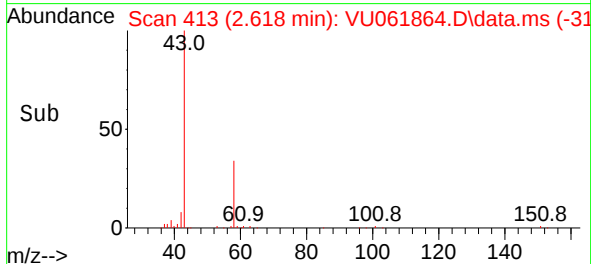
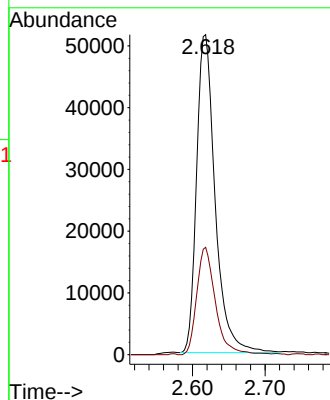
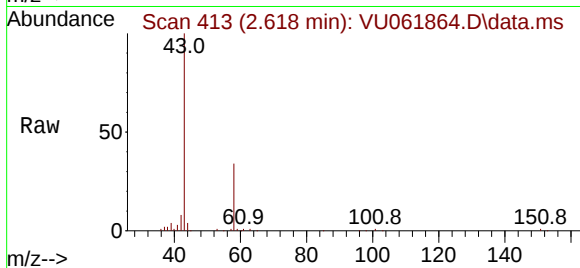
ClientSampleId :

Tgt Ion: 43 Resp: 91541

Ion Ratio Lower Upper

43 100

58 34.2 0.0 64.0



#14

Carbon disulfide

Concen: 4.902 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.000 min

Lab File: VU061864.D

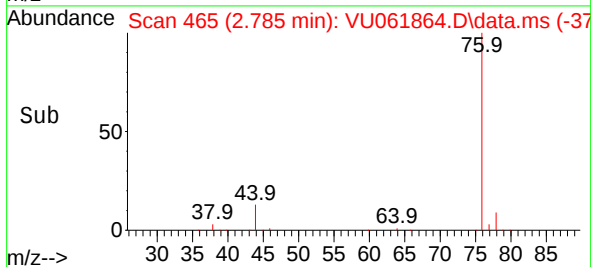
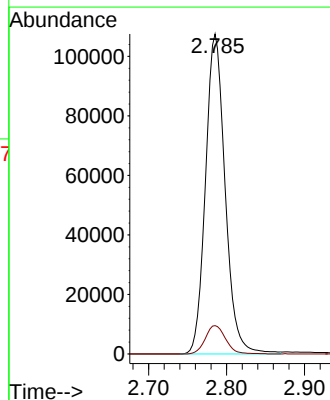
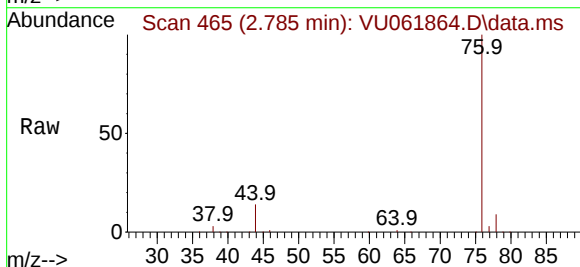
Acq: 20 Nov 2024 13:45

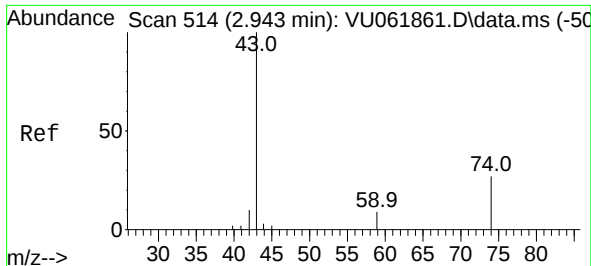
Tgt Ion: 76 Resp: 188132

Ion Ratio Lower Upper

76 100

78 8.9 7.5 11.3





#15

Methyl Acetate

Concen: 4.964 ug/L

RT: 2.943 min Scan# 514

Delta R.T. -0.000 min

Lab File: VU061864.D

Acq: 20 Nov 2024 13:45

Instrument :

MSVOA_U

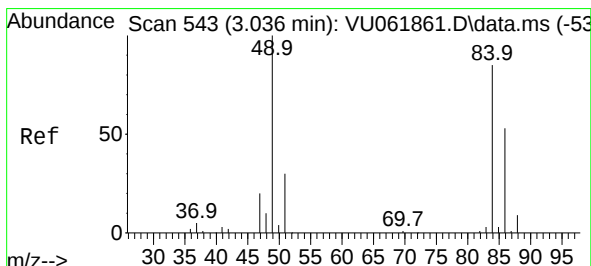
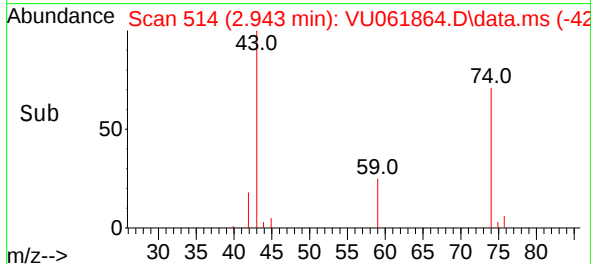
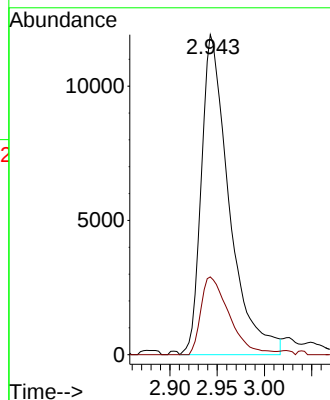
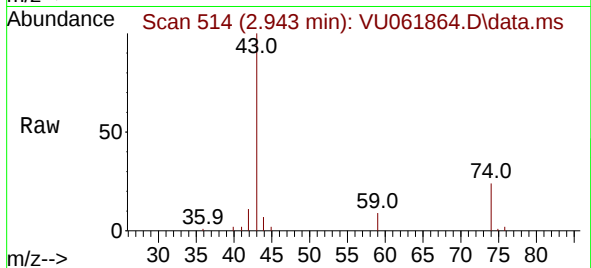
ClientSampleId :

Tgt Ion: 43 Resp: 24389

Ion Ratio Lower Upper

43 100

74 24.7 19.4 29.2



#16

Methylene chloride

Concen: 4.721 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.000 min

Lab File: VU061864.D

Acq: 20 Nov 2024 13:45

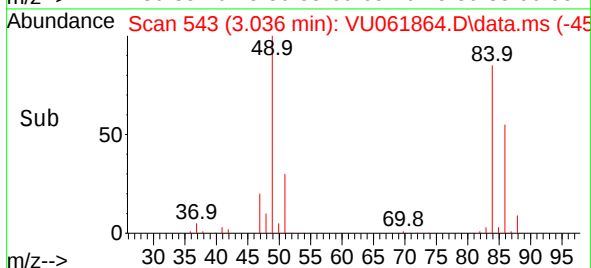
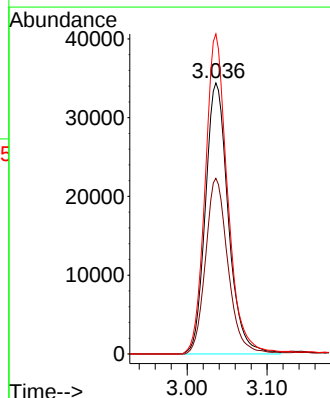
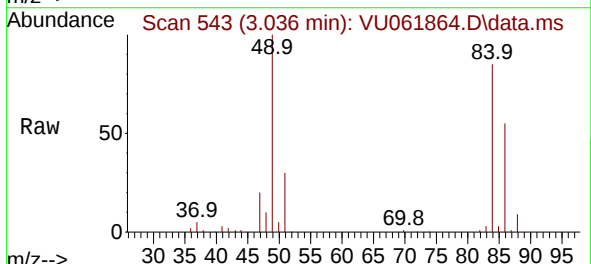
Tgt Ion: 84 Resp: 68395

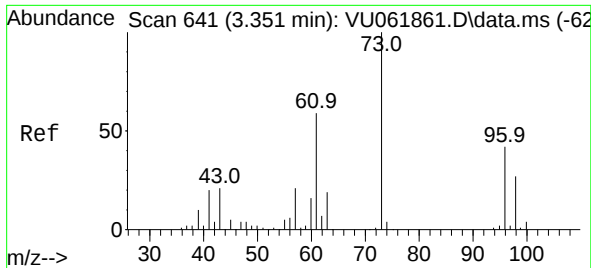
Ion Ratio Lower Upper

84 100

86 64.8 43.5 80.7

49 118.1 81.9 152.1

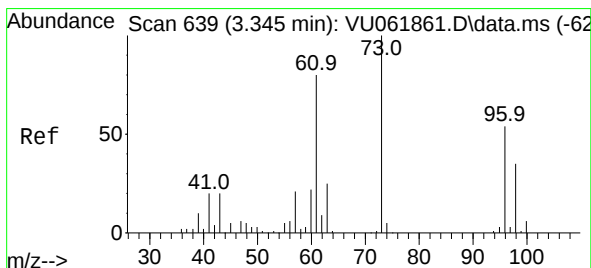
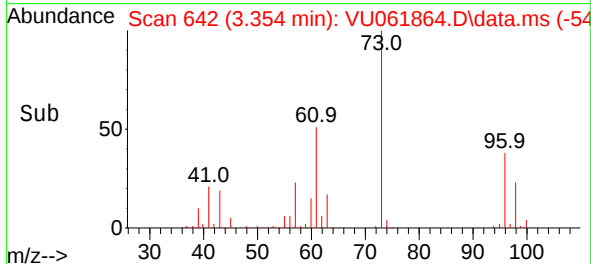
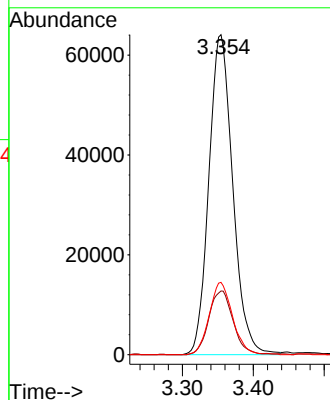
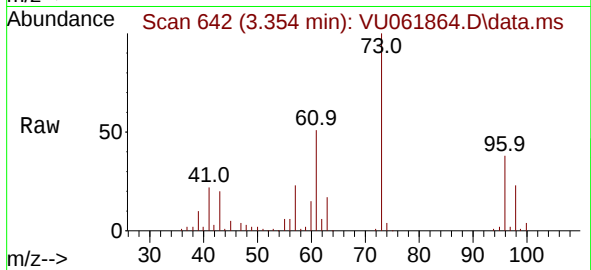




#17
Methyl tert-butyl Ether
Concen: 4.858 ug/L
RT: 3.354 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU061864.D
Acq: 20 Nov 2024 13:45

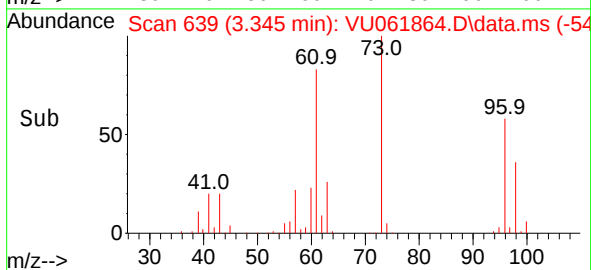
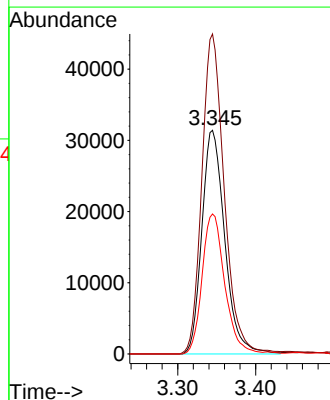
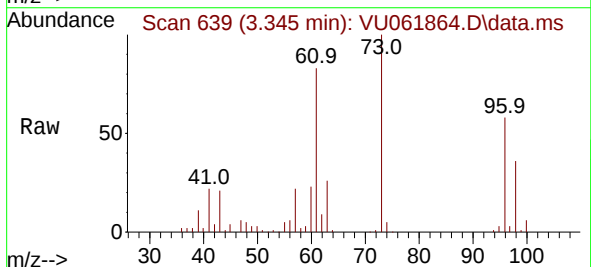
Instrument :
MSVOA_U
ClientSampleId :

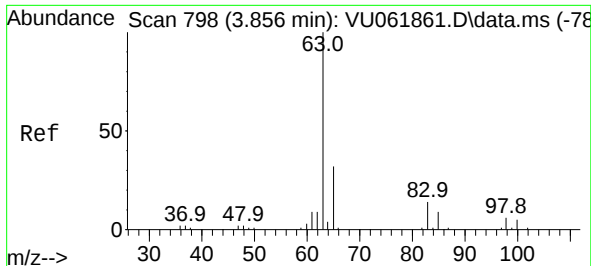
Tgt Ion: 73 Resp: 150219
Ion Ratio Lower Upper
73 100
43 20.2 16.3 24.5
57 22.1 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 5.024 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.000 min
Lab File: VU061864.D
Acq: 20 Nov 2024 13:45

Tgt Ion: 96 Resp: 64077
Ion Ratio Lower Upper
96 100
61 143.0 104.2 193.4
98 62.6 45.7 84.9

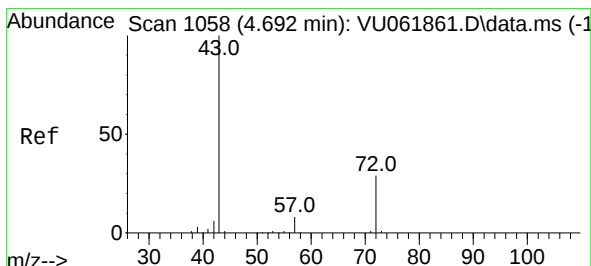
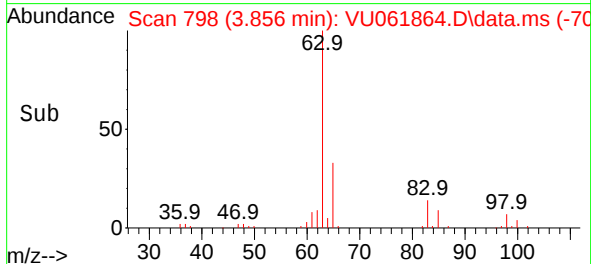
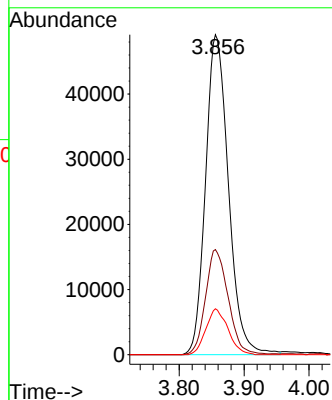
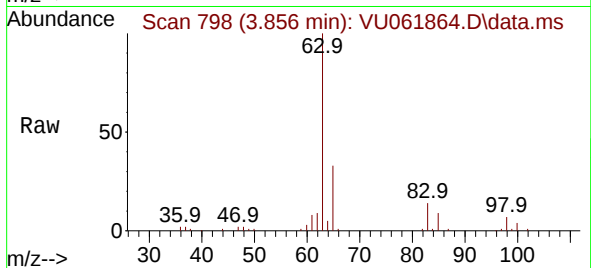




#19
1,1-Dichloroethane
Concen: 4.852 ug/L
RT: 3.856 min Scan# 798
Delta R.T. -0.000 min
Lab File: VU061864.D
Acq: 20 Nov 2024 13:45

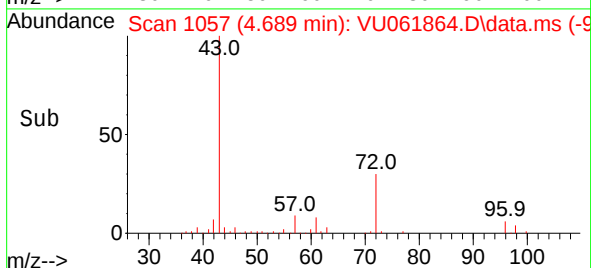
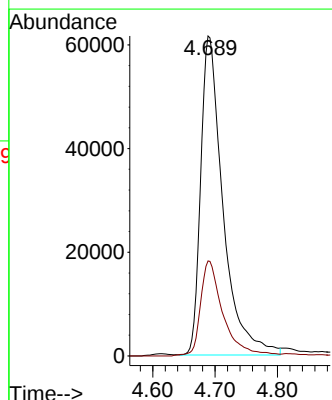
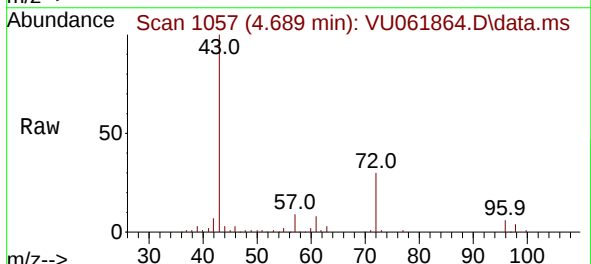
Instrument :
MSVOA_U
ClientSampleId :

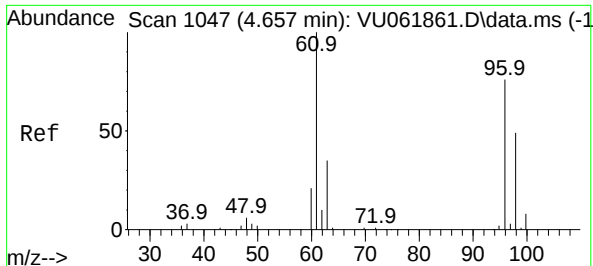
Tgt Ion: 63 Resp: 120536
Ion Ratio Lower Upper
63 100
65 32.9 22.7 42.3
83 14.4 9.9 18.3



#21
2-Butanone
Concen: 49.489 ug/L
RT: 4.689 min Scan# 1057
Delta R.T. -0.003 min
Lab File: VU061864.D
Acq: 20 Nov 2024 13:45

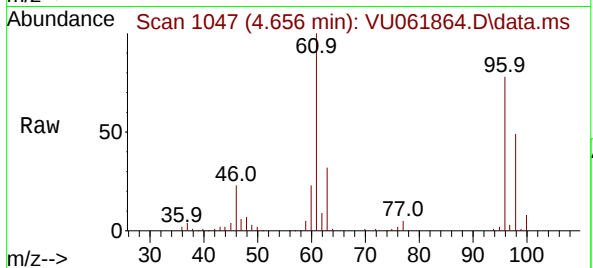
Tgt Ion: 43 Resp: 153025
Ion Ratio Lower Upper
43 100
72 30.1 14.8 44.4



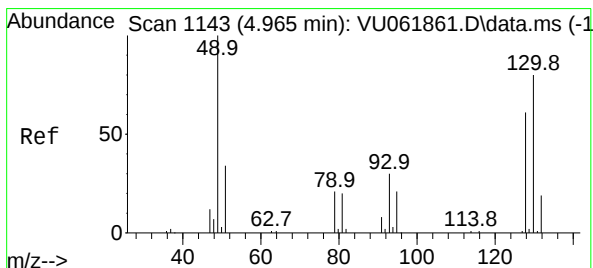
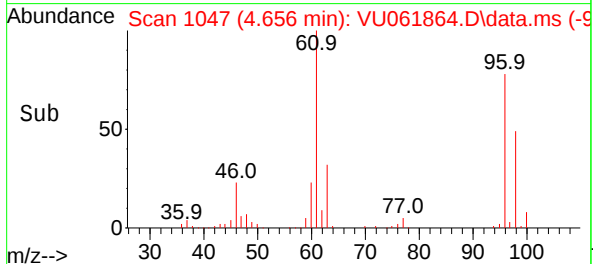
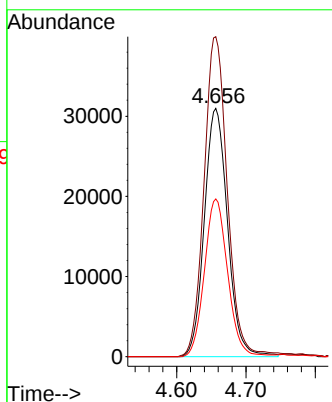


#22
cis-1,2-Dichloroethene
Concen: 5.036 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. -0.000 min
Lab File: VU061864.D
Acq: 20 Nov 2024 13:45

Instrument :
MSVOA_U
ClientSampleId :

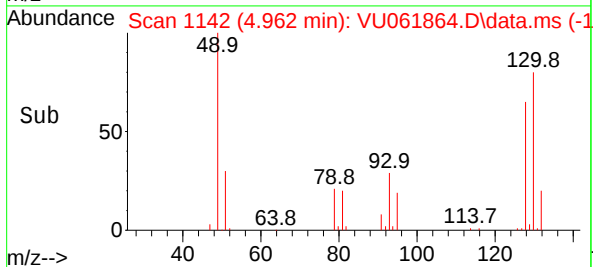
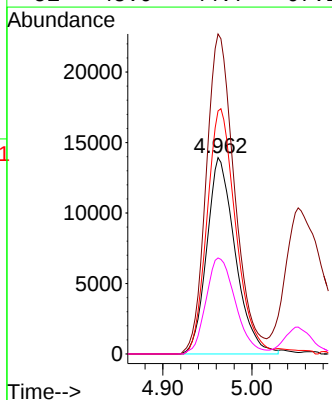
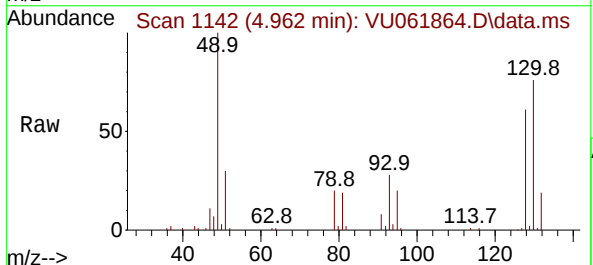


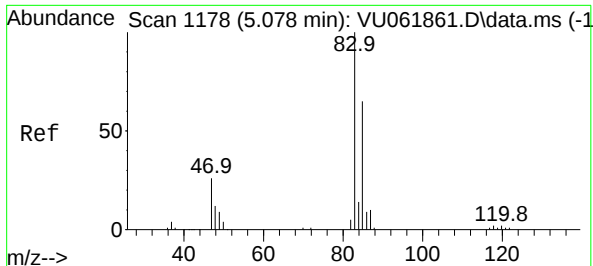
Tgt Ion: 96 Resp: 72289
Ion Ratio Lower Upper
96 100
61 128.9 92.0 170.8
98 63.5 44.5 82.7



#23
Bromochloromethane
Concen: 4.942 ug/L
RT: 4.962 min Scan# 1142
Delta R.T. -0.003 min
Lab File: VU061864.D
Acq: 20 Nov 2024 13:45

Tgt Ion:128 Resp: 30837
Ion Ratio Lower Upper
128 100
49 163.0 115.3 214.1
130 123.9 92.0 170.8
51 48.9 44.7 67.1





#25

Chloroform

Concen: 4.895 ug/L

RT: 5.074 min Scan# 1178

Delta R.T. -0.003 min

Lab File: VU061864.D

Acq: 20 Nov 2024 13:45

Instrument :

MSVOA_U

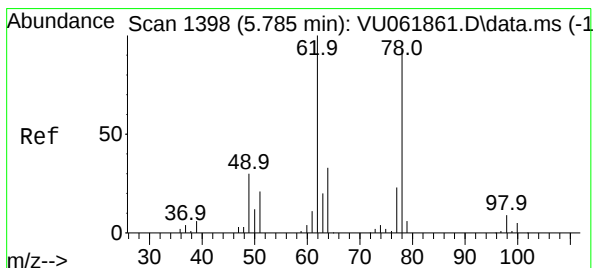
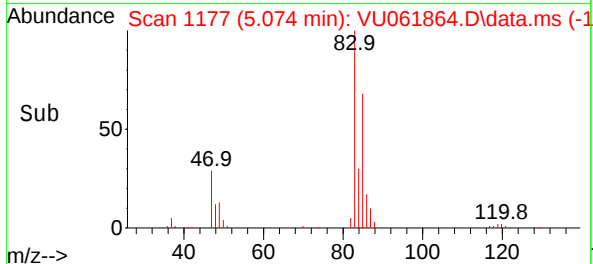
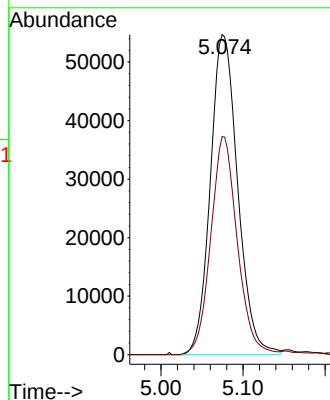
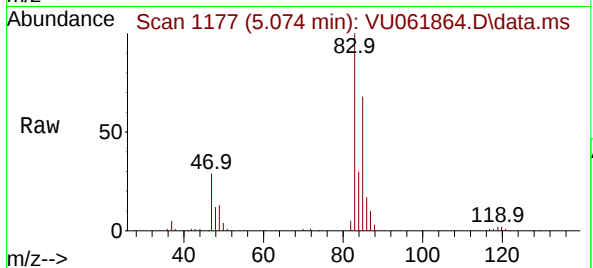
ClientSampleId :

Tgt Ion: 83 Resp: 127119

Ion Ratio Lower Upper

83 100

85 68.1 45.4 84.2



#27

1,2-Dichloroethane

Concen: 4.801 ug/L

RT: 5.782 min Scan# 1397

Delta R.T. -0.003 min

Lab File: VU061864.D

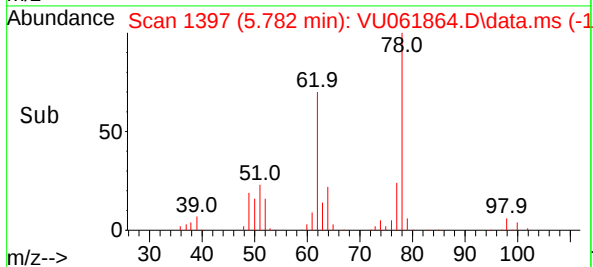
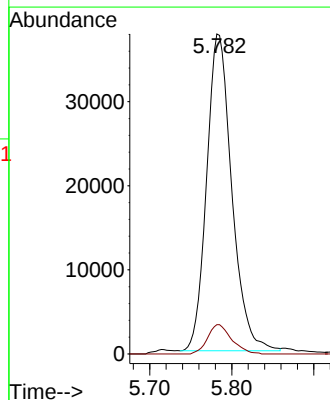
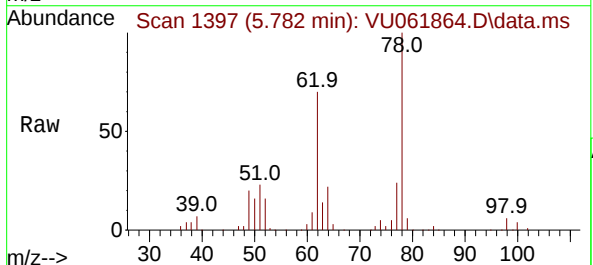
Acq: 20 Nov 2024 13:45

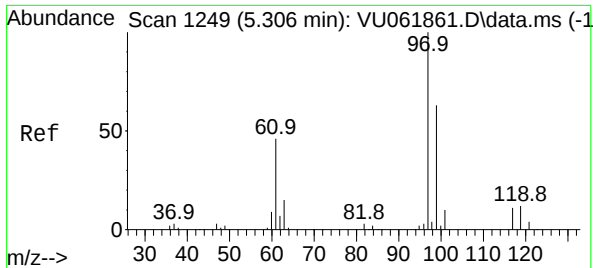
Tgt Ion: 62 Resp: 80201

Ion Ratio Lower Upper

62 100

98 9.2 7.4 11.0

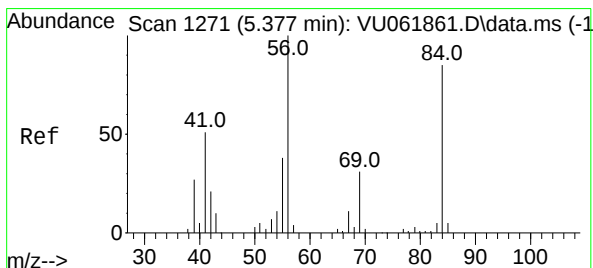
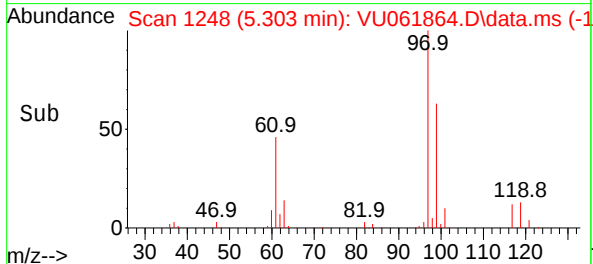
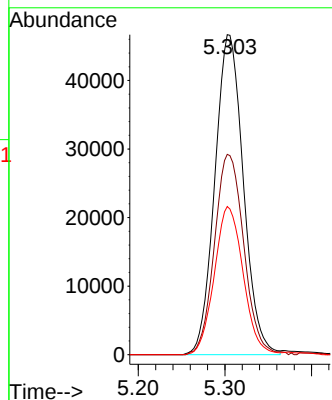
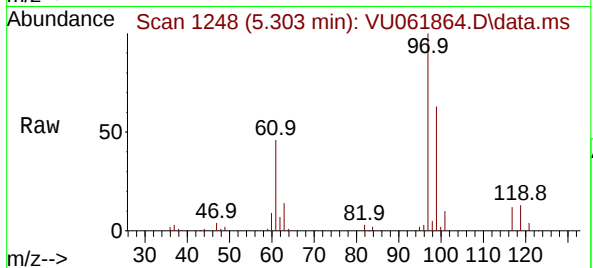




#29
1,1,1-Trichloroethane
Concen: 4.542 ug/L
RT: 5.303 min Scan# 1248
Delta R.T. -0.003 min
Lab File: VU061864.D
Acq: 20 Nov 2024 13:45

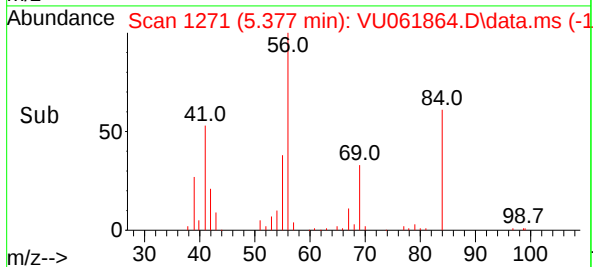
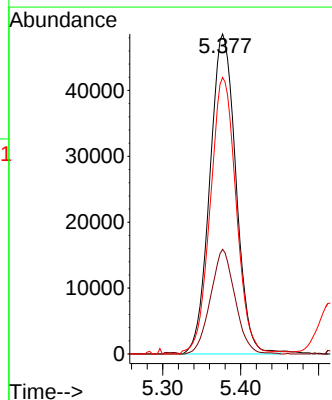
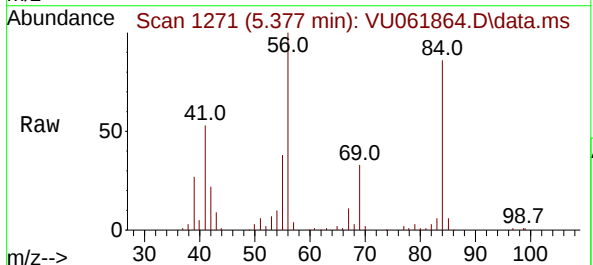
Instrument :
MSVOA_U
ClientSampleId :

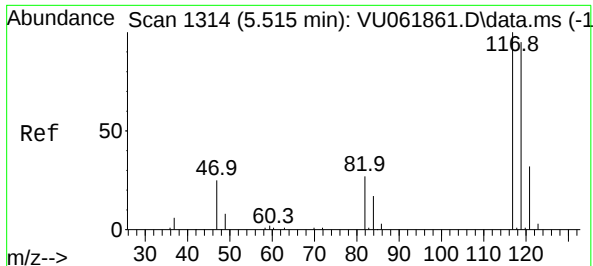
Tgt Ion: 97 Resp: 106959
Ion Ratio Lower Upper
97 100
99 64.4 51.4 77.2
61 46.7 37.8 56.6



#30
Cyclohexane
Concen: 4.577 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. -0.000 min
Lab File: VU061864.D
Acq: 20 Nov 2024 13:45

Tgt Ion: 56 Resp: 112737
Ion Ratio Lower Upper
56 100
69 30.9 25.1 37.7
84 85.9 70.6 105.8

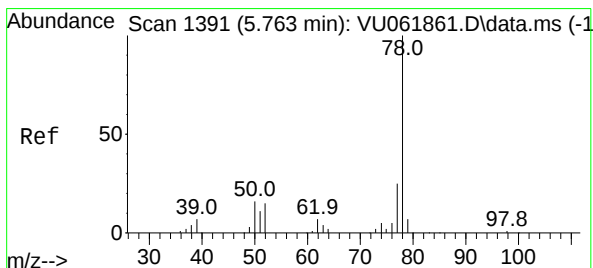
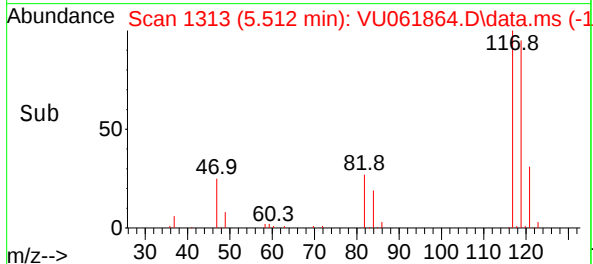
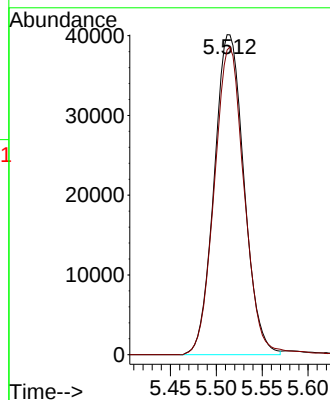
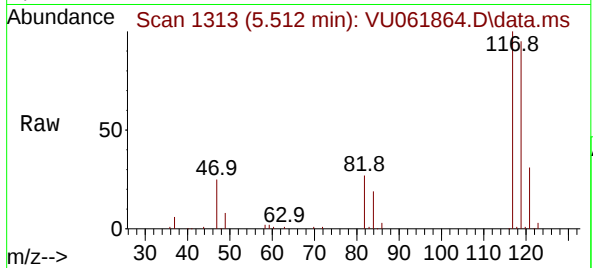




#31
Carbon tetrachloride
Concen: 4.542 ug/L
RT: 5.512 min Scan# 1314
Delta R.T. -0.003 min
Lab File: VU061864.D
Acq: 20 Nov 2024 13:45

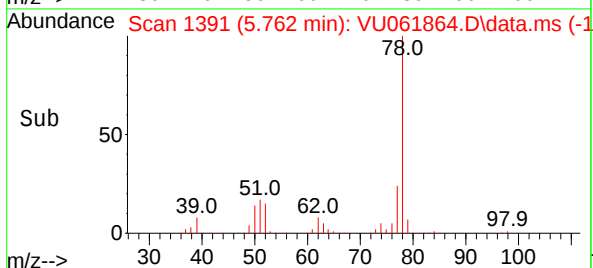
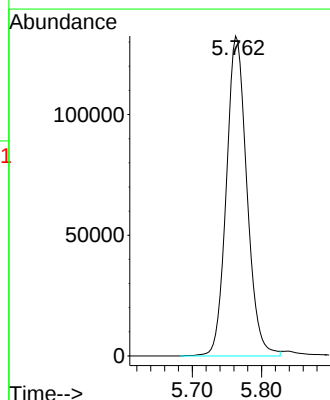
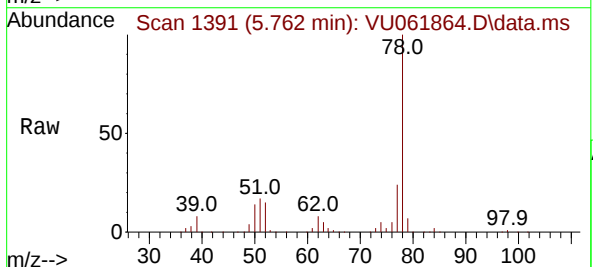
Instrument :
MSVOA_U
ClientSampleId :

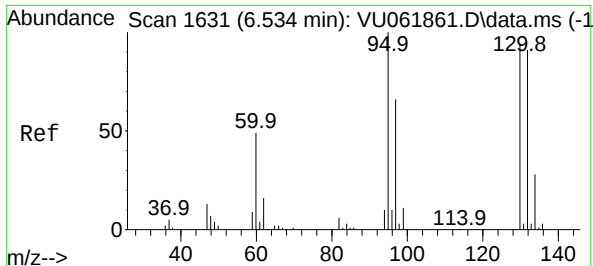
Tgt Ion:117 Resp: 90824
Ion Ratio Lower Upper
117 100
119 96.9 77.5 116.3



#33
Benzene
Concen: 4.423 ug/L
RT: 5.762 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VU061864.D
Acq: 20 Nov 2024 13:45

Tgt Ion: 78 Resp: 272906





#34

Trichloroethene

Concen: 4.514 ug/L

RT: 6.531 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU061864.D

Acq: 20 Nov 2024 13:45

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 74342

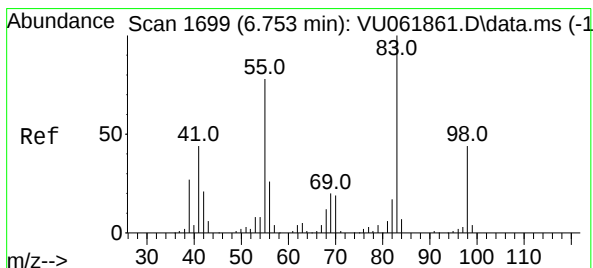
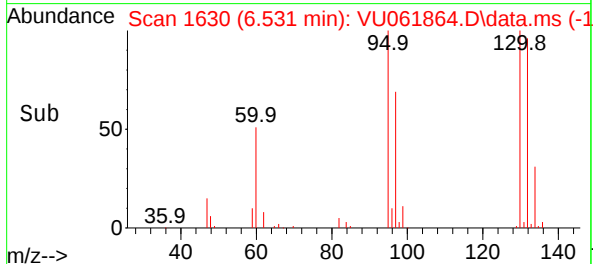
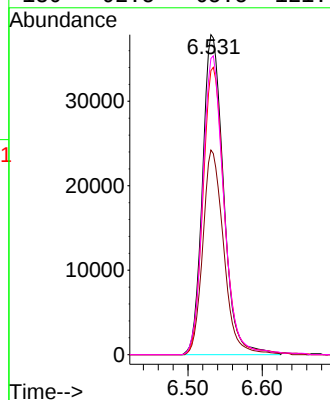
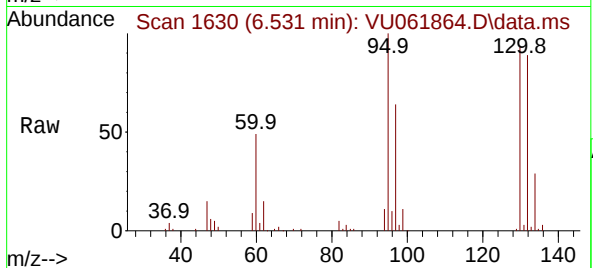
Ion Ratio Lower Upper

95 100

97 64.0 45.9 85.3

132 88.8 63.8 118.4

130 92.5 65.5 121.7



#35

Methylcyclohexane

Concen: 4.546 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. -0.000 min

Lab File: VU061864.D

Acq: 20 Nov 2024 13:45

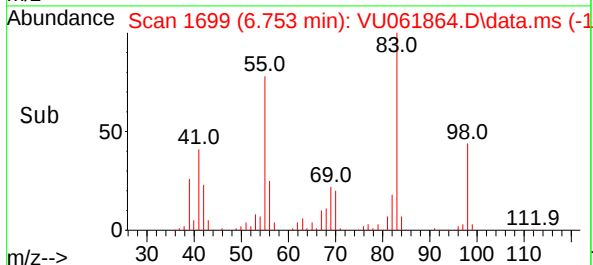
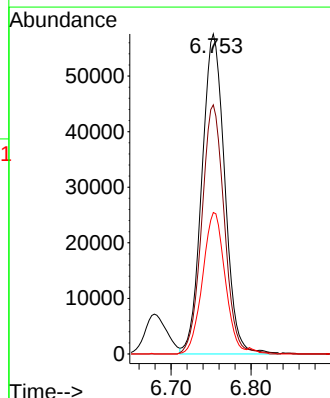
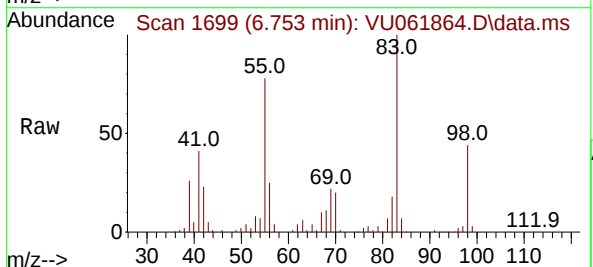
Tgt Ion: 83 Resp: 114516

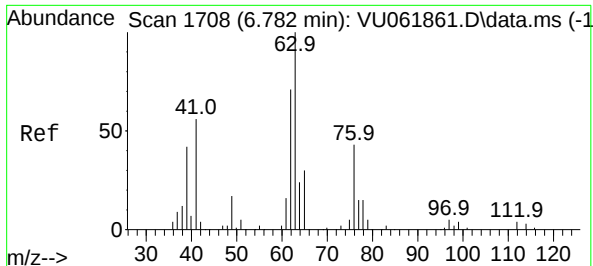
Ion Ratio Lower Upper

83 100

55 76.6 60.7 91.1

98 43.5 34.8 52.2

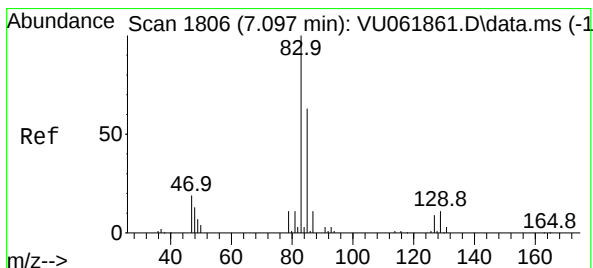
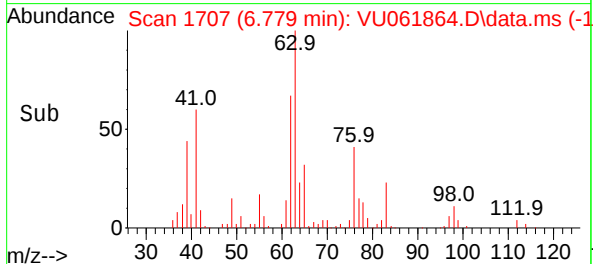
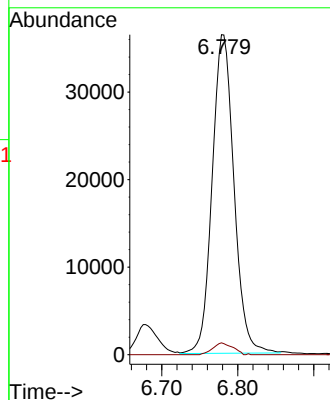
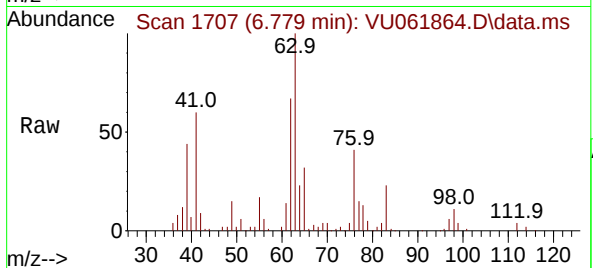




#37
1,2-Dichloropropane
Concen: 4.525 ug/L
RT: 6.779 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU061864.D
Acq: 20 Nov 2024 13:45

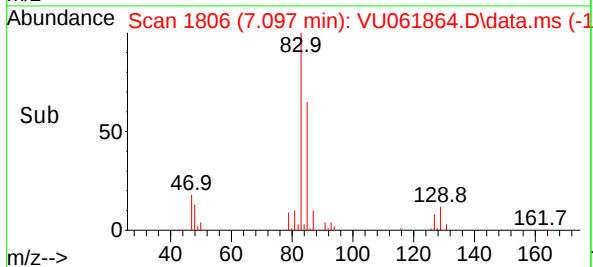
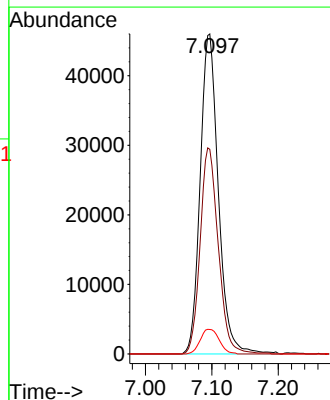
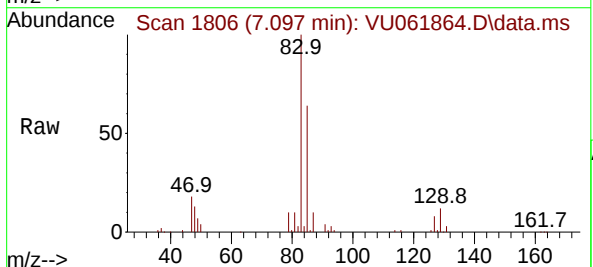
Instrument :
MSVOA_U
ClientSampleId :

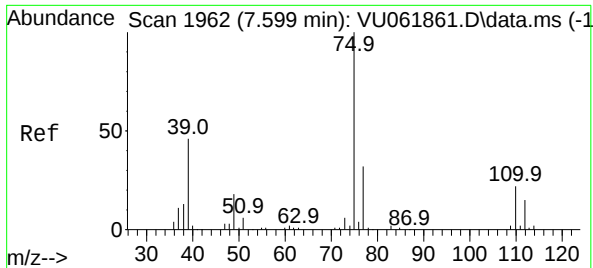
Tgt Ion: 63 Resp: 72540
Ion Ratio Lower Upper
63 100
112 3.4 3.4 5.0



#38
Bromodichloromethane
Concen: 4.499 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU061864.D
Acq: 20 Nov 2024 13:45

Tgt Ion: 83 Resp: 87472
Ion Ratio Lower Upper
83 100
85 63.9 44.1 81.9
127 7.7 6.9 10.3

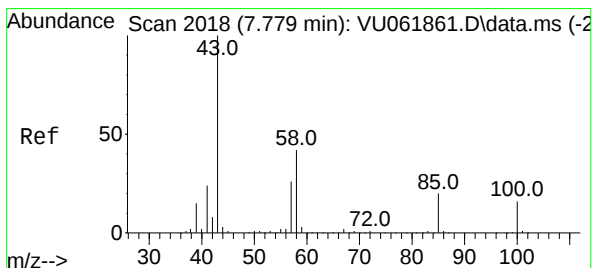
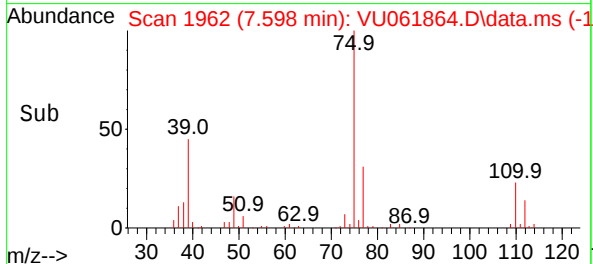
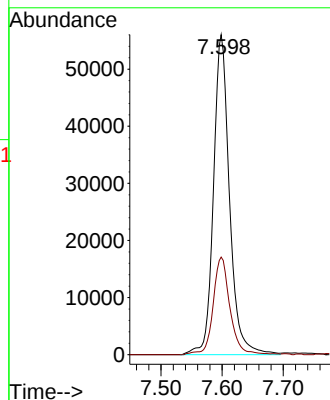
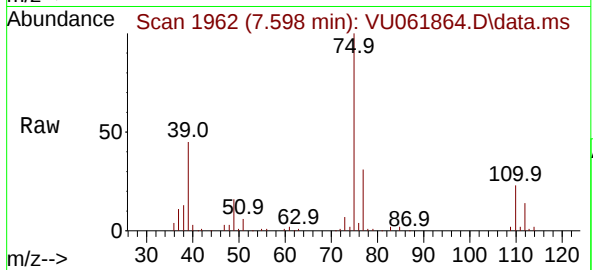




#39
 cis-1,3-Dichloropropene
 Concen: 4.547 ug/L
 RT: 7.598 min Scan# 1962
 Delta R.T. -0.000 min
 Lab File: VU061864.D
 Acq: 20 Nov 2024 13:45

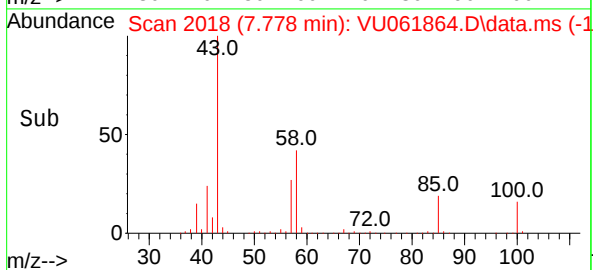
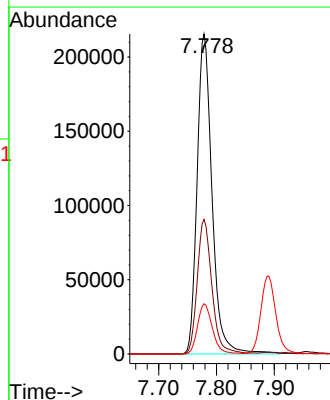
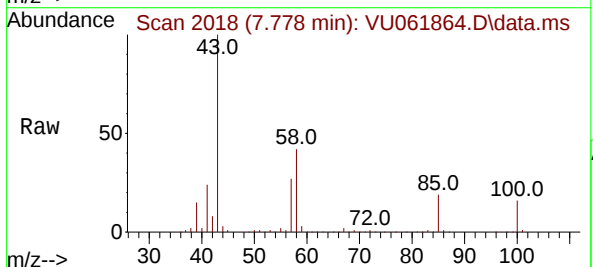
Instrument :
 MSVOA_U
 ClientSampleId :

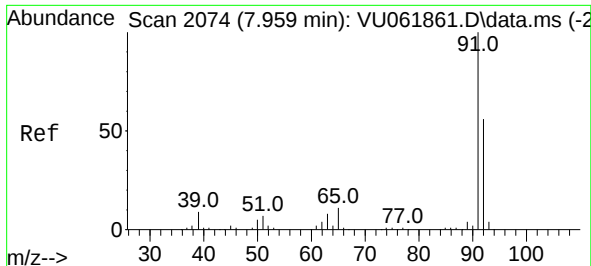
Tgt Ion: 75 Resp: 102198
 Ion Ratio Lower Upper
 75 100
 77 30.5 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 44.813 ug/L
 RT: 7.778 min Scan# 2018
 Delta R.T. -0.000 min
 Lab File: VU061864.D
 Acq: 20 Nov 2024 13:45

Tgt Ion: 43 Resp: 387595
 Ion Ratio Lower Upper
 43 100
 58 41.2 33.3 49.9
 100 15.5 12.4 18.6





#42

Toluene

Concen: 4.550 ug/L

RT: 7.959 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VU061864.D

Acq: 20 Nov 2024 13:45

Instrument :

MSVOA_U

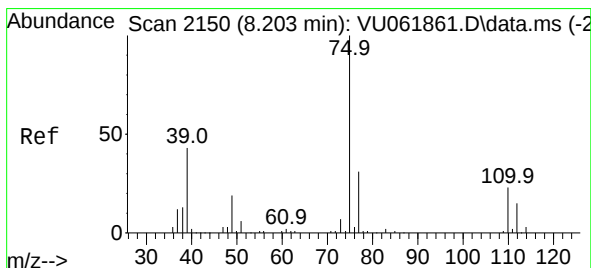
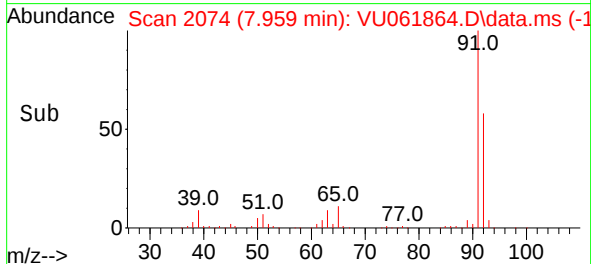
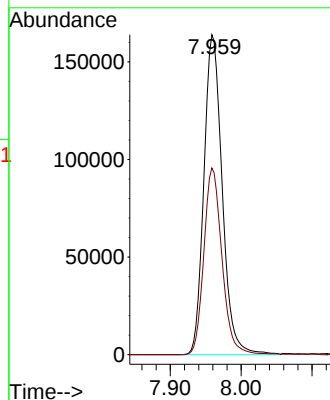
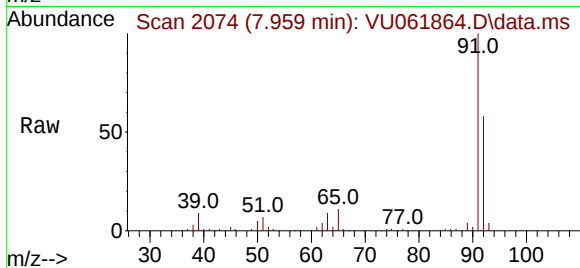
ClientSampleId :

Tgt Ion: 91 Resp: 294600

Ion Ratio Lower Upper

91 100

92 58.4 39.0 72.4



#44

trans-1,3-Dichloropropene

Concen: 4.530 ug/L

RT: 8.200 min Scan# 2149

Delta R.T. -0.003 min

Lab File: VU061864.D

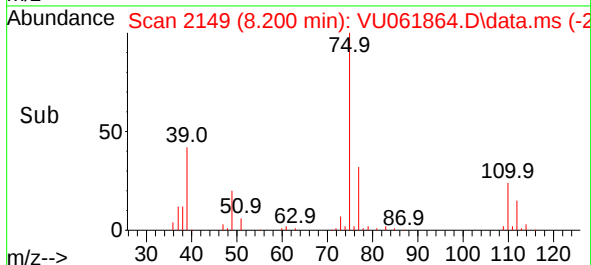
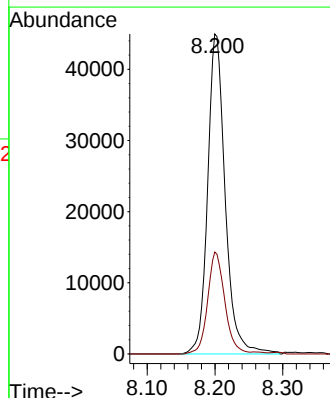
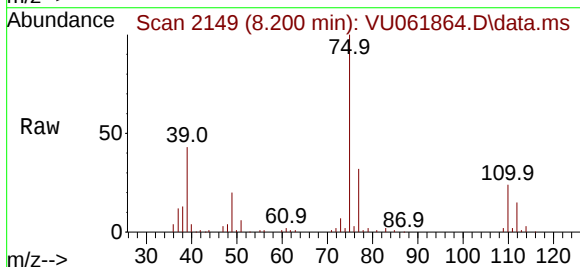
Acq: 20 Nov 2024 13:45

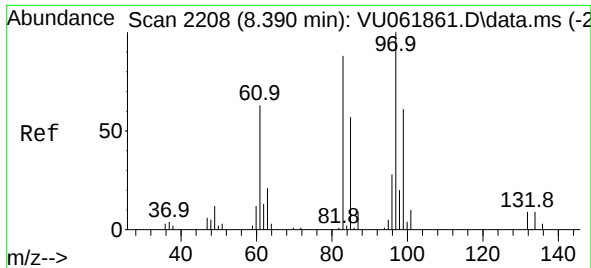
Tgt Ion: 75 Resp: 80860

Ion Ratio Lower Upper

75 100

77 31.8 21.8 40.4

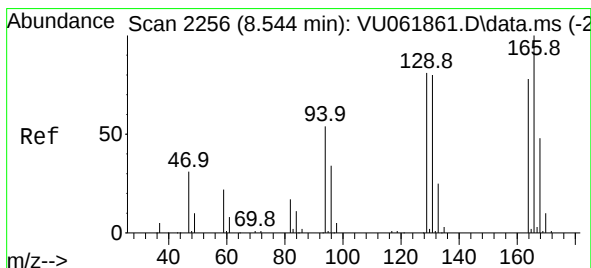
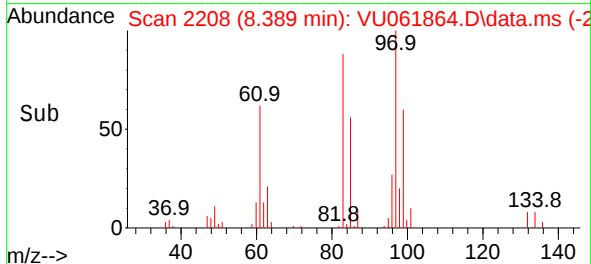
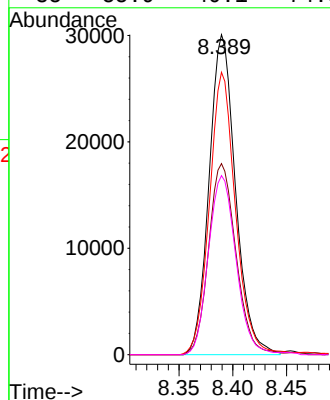
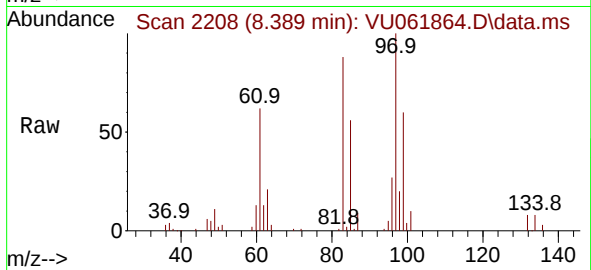




#45
1,1,2-Trichloroethane
Concen: 4.356 ug/L
RT: 8.389 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU061864.D
Acq: 20 Nov 2024 13:45

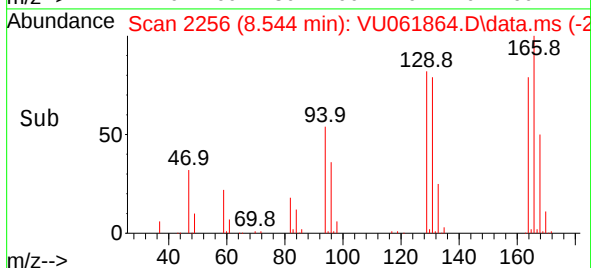
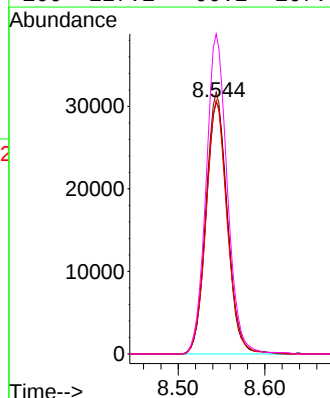
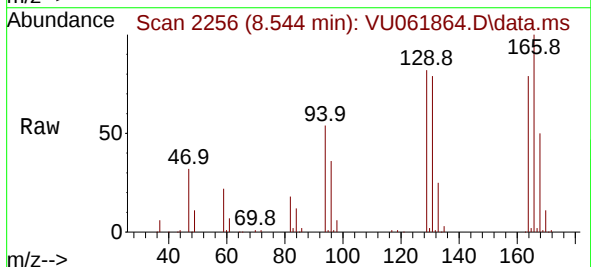
Instrument :
MSVOA_U
ClientSampleId :

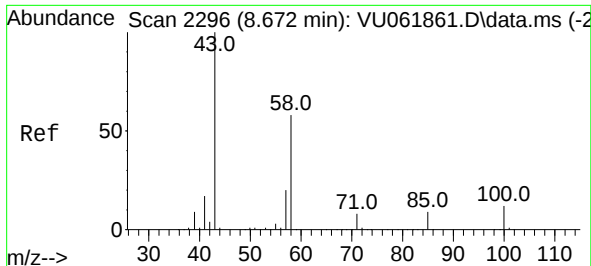
Tgt Ion: 97	Resp: 51444
Ion Ratio	Lower Upper
97 100	
99 59.7	43.0 79.8
83 88.2	61.7 114.5
85 55.9	40.1 74.5



#47
Tetrachloroethene
Concen: 4.430 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU061864.D
Acq: 20 Nov 2024 13:45

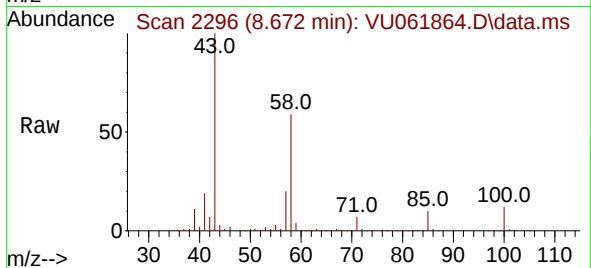
Tgt	Ion:164	Resp:	53063
	Ratio	Lower	Upper
164	100		
129	104.0	73.2	136.0
131	100.7	72.3	134.3
166	127.1	90.2	167.4



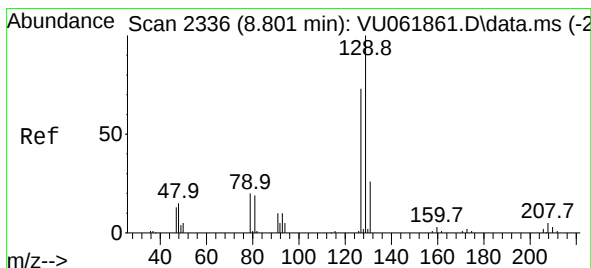
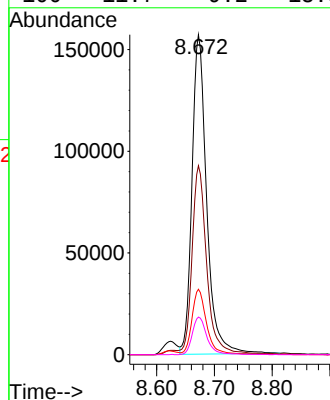
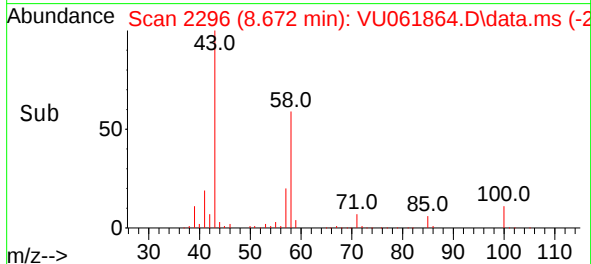


#48
2-Hexanone
Concen: 42.700 ug/L
RT: 8.672 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU061864.D
Acq: 20 Nov 2024 13:45

Instrument :
MSVOA_U
ClientSampleId :

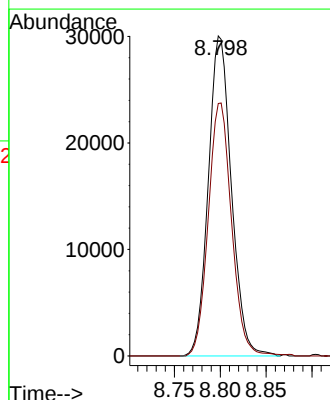
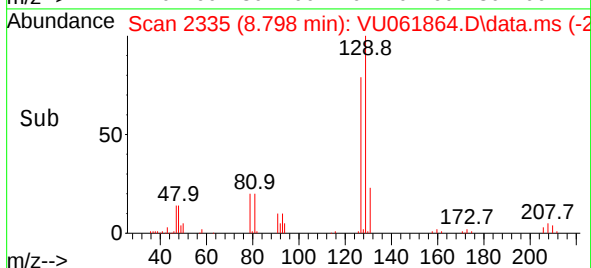
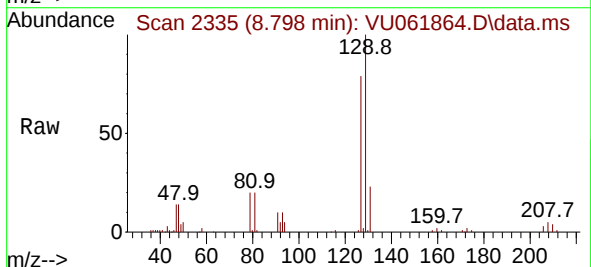


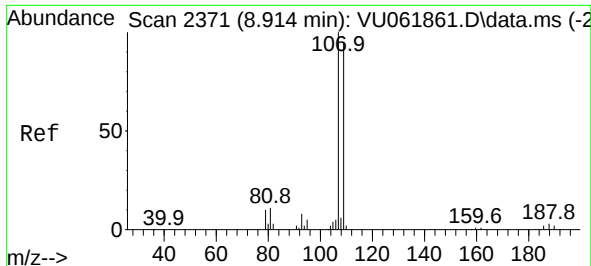
Tgt Ion: 43 Resp: 276590
Ion Ratio Lower Upper
43 100
58 58.0 47.5 71.3
57 20.5 15.6 23.4
100 11.7 9.2 13.8



#49
Dibromochloromethane
Concen: 4.232 ug/L
RT: 8.798 min Scan# 2335
Delta R.T. -0.003 min
Lab File: VU061864.D
Acq: 20 Nov 2024 13:45

Tgt Ion: 129 Resp: 52796
Ion Ratio Lower Upper
129 100
127 78.9 51.1 94.9





#50

1,2-Dibromoethane

Concen: 4.140 ug/L

RT: 8.913 min Scan# 2371

Delta R.T. -0.000 min

Lab File: VU061864.D

Acq: 20 Nov 2024 13:45

Instrument :

MSVOA_U

ClientSampleId :

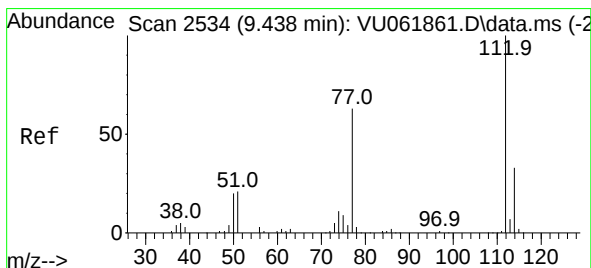
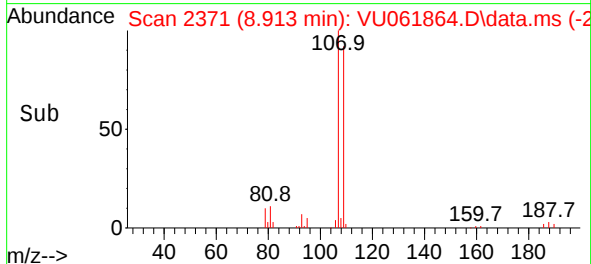
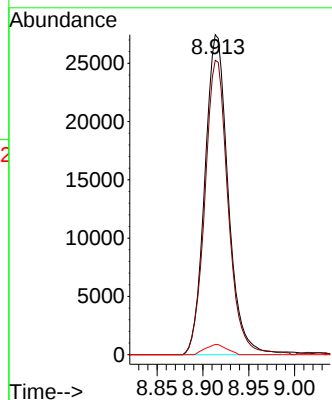
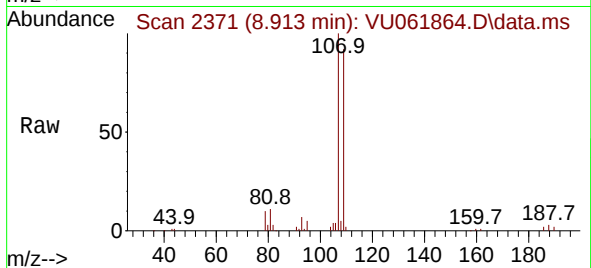
Tgt Ion:107 Resp: 48523

Ion Ratio Lower Upper

107 100

109 92.0 66.8 124.2

188 3.2 2.3 3.5



#51

Chlorobenzene

Concen: 4.925 ug/L

RT: 9.438 min Scan# 2534

Delta R.T. -0.000 min

Lab File: VU061864.D

Acq: 20 Nov 2024 13:45

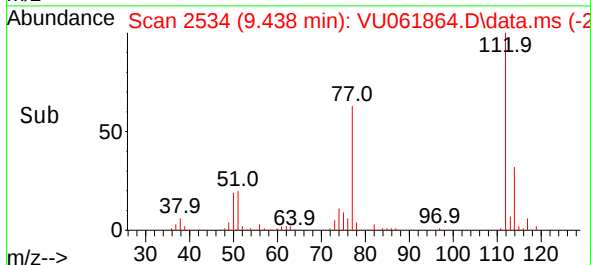
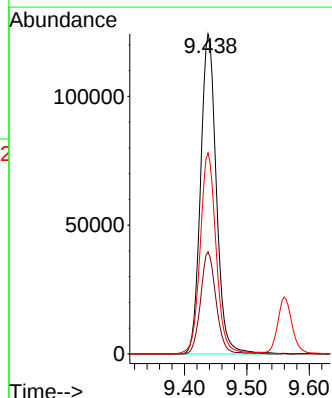
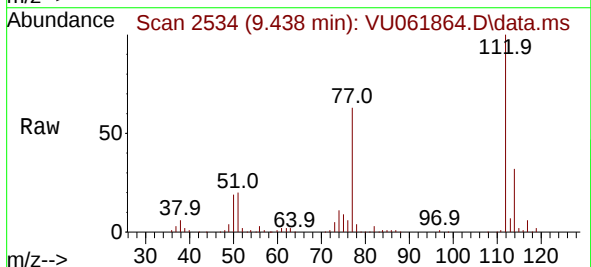
Tgt Ion:112 Resp: 218408

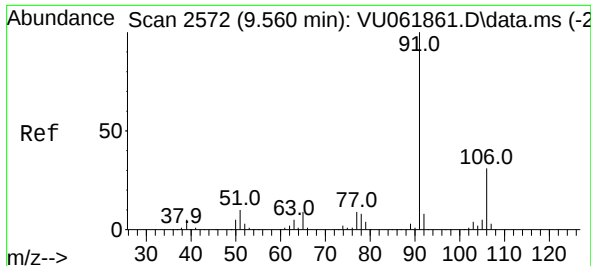
Ion Ratio Lower Upper

112 100

114 31.9 23.0 42.6

77 62.8 50.5 75.7

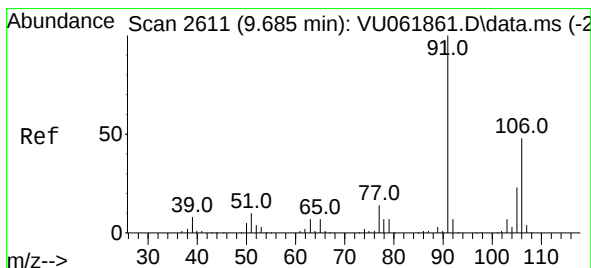
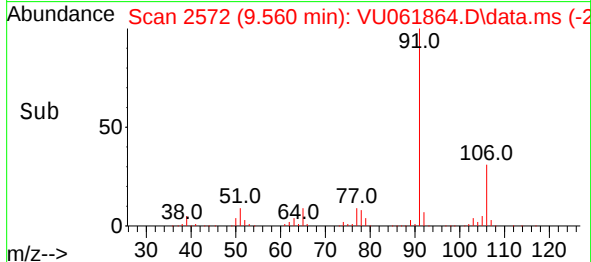
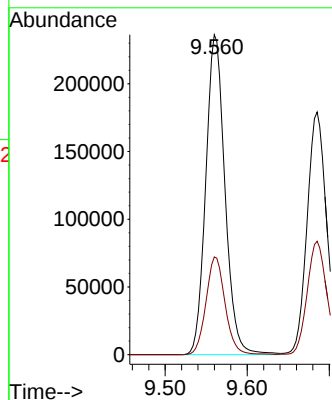
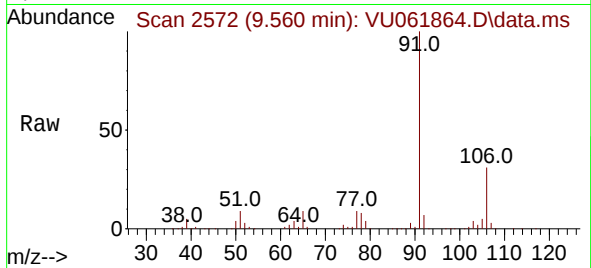




#52
Ethylbenzene
Concen: 4.953 ug/L
RT: 9.560 min Scan# 2572
Delta R.T. -0.000 min
Lab File: VU061864.D
Acq: 20 Nov 2024 13:45

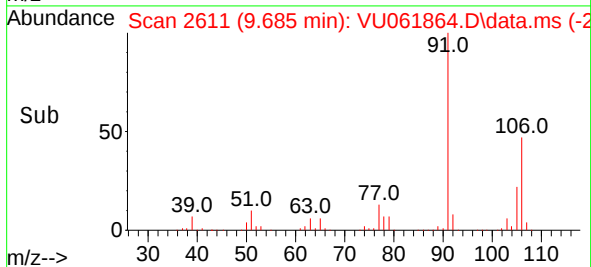
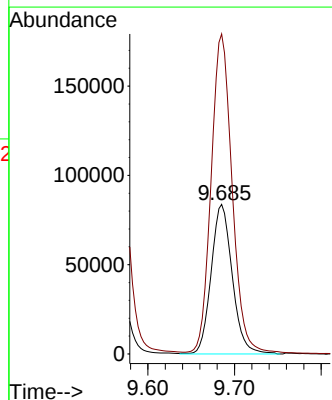
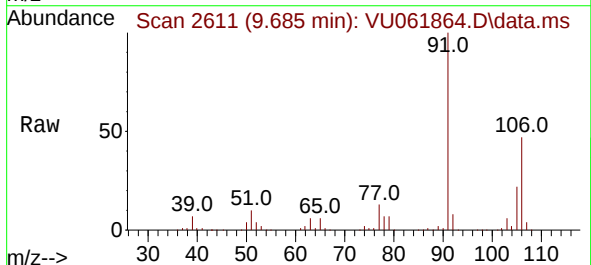
Instrument :
MSVOA_U
ClientSampleId :

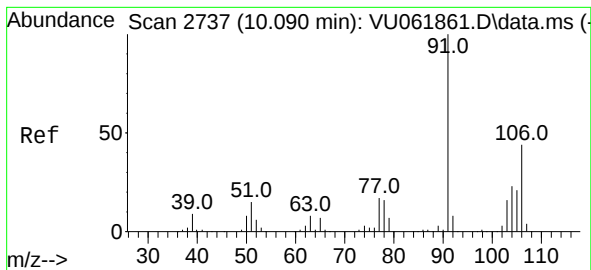
Tgt Ion: 91 Resp: 383823
Ion Ratio Lower Upper
91 100
106 30.6 21.6 40.0



#53
m,p-Xylene
Concen: 5.190 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU061864.D
Acq: 20 Nov 2024 13:45

Tgt Ion: 106 Resp: 141897
Ion Ratio Lower Upper
106 100
91 213.9 147.6 274.0





#54

o-Xylene

Concen: 4.897 ug/L

RT: 10.090 min Scan# 2737

Delta R.T. -0.000 min

Lab File: VU061864.D

Acq: 20 Nov 2024 13:45

Instrument :

MSVOA_U

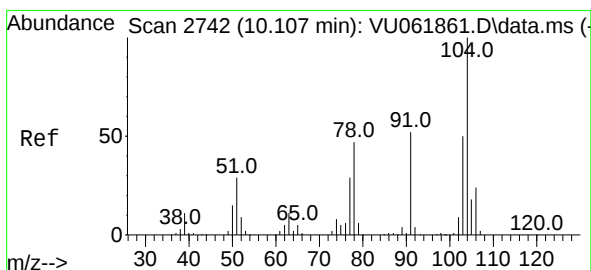
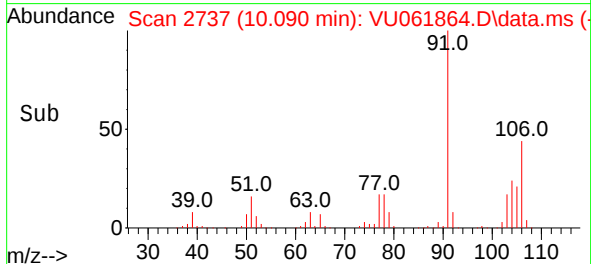
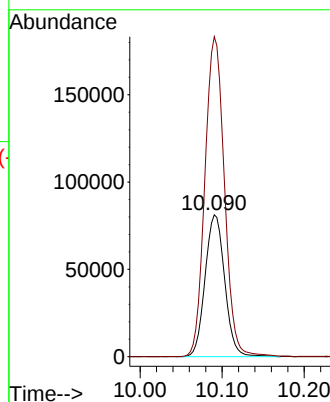
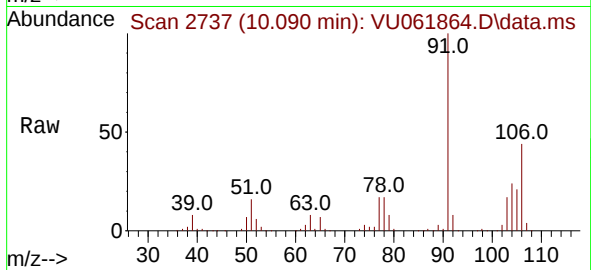
ClientSampleId :

Tgt Ion:106 Resp: 135137

Ion Ratio Lower Upper

106 100

91 225.4 159.8 296.8



#55

Styrene

Concen: 4.895 ug/L

RT: 10.106 min Scan# 2742

Delta R.T. -0.000 min

Lab File: VU061864.D

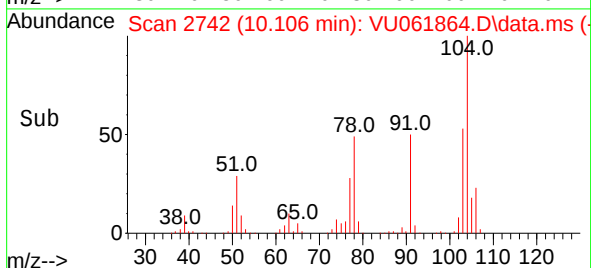
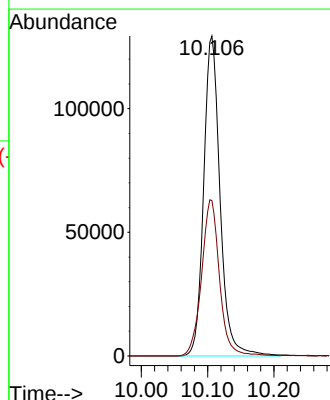
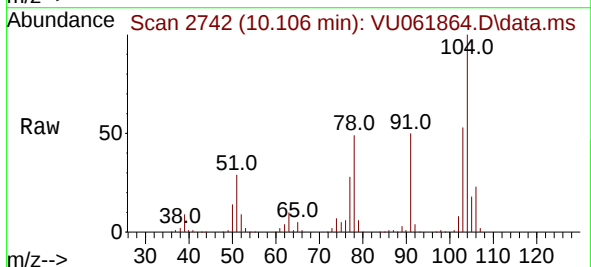
Acq: 20 Nov 2024 13:45

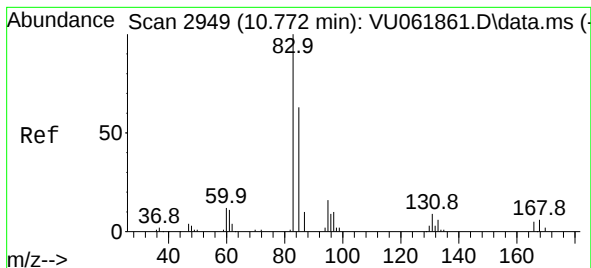
Tgt Ion:104 Resp: 222583

Ion Ratio Lower Upper

104 100

78 48.6 33.2 61.7





#57

1,1,2,2-Tetrachloroethane

Concen: 4.043 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. -0.000 min

Lab File: VU061864.D

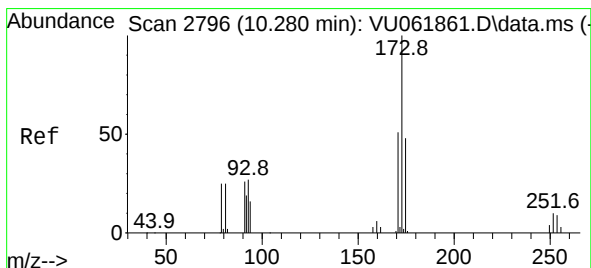
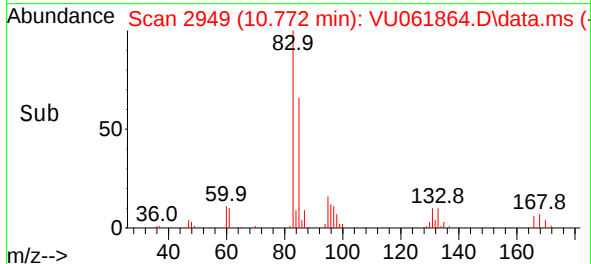
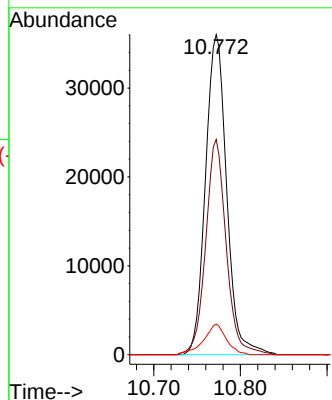
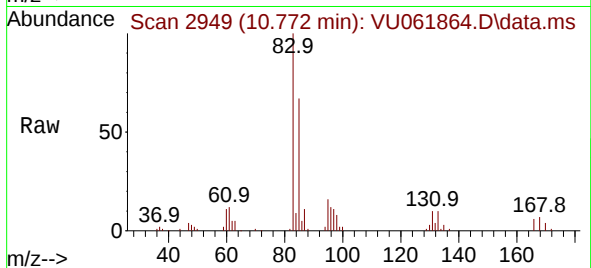
Acq: 20 Nov 2024 13:45

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	61186
Ion Ratio	Lower	Upper	
83	100		
85	67.3	44.4	82.4
131	9.6	7.3	10.9



#59

Bromoform

Concen: 4.628 ug/L

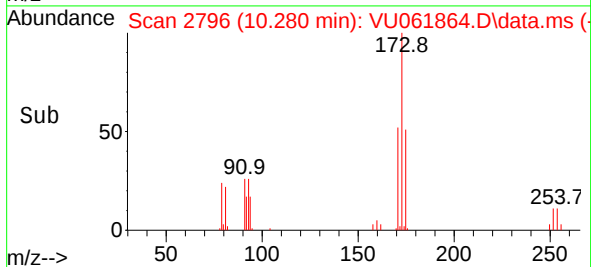
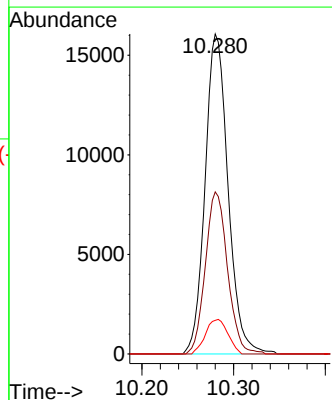
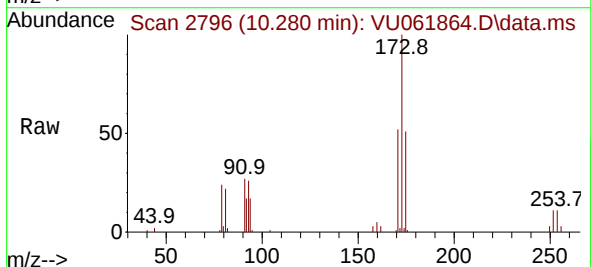
RT: 10.280 min Scan# 2796

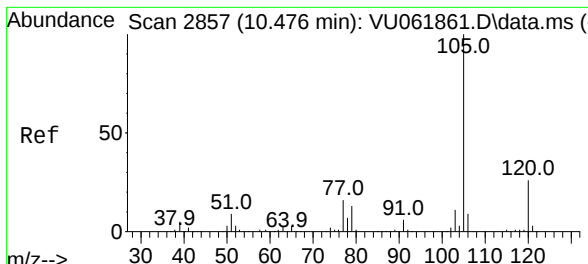
Delta R.T. -0.000 min

Lab File: VU061864.D

Acq: 20 Nov 2024 13:45

Tgt Ion:	173	Resp:	27955
Ion Ratio	Lower	Upper	
173	100		
175	48.9	39.0	58.4
254	10.5	7.4	11.0

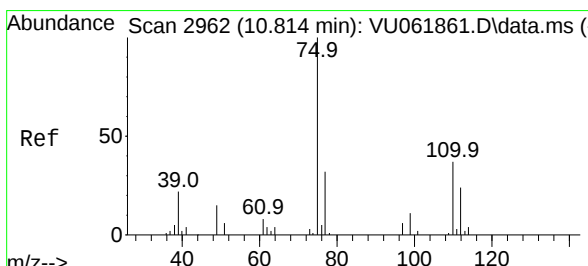
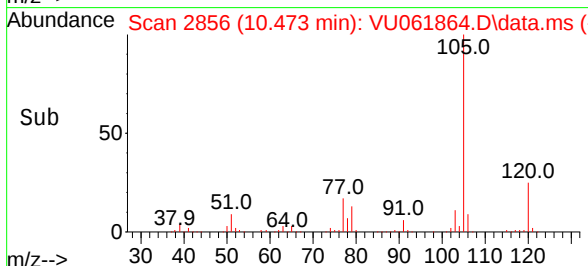
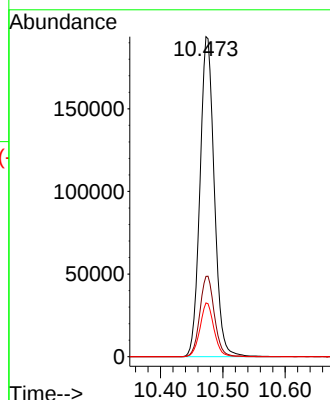
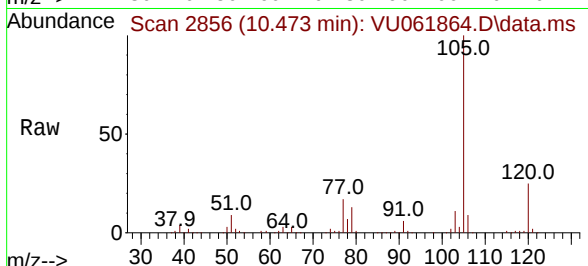




#60
Isopropylbenzene
Concen: 4.883 ug/L
RT: 10.473 min Scan# 2857
Delta R.T. -0.003 min
Lab File: VU061864.D
Acq: 20 Nov 2024 13:45

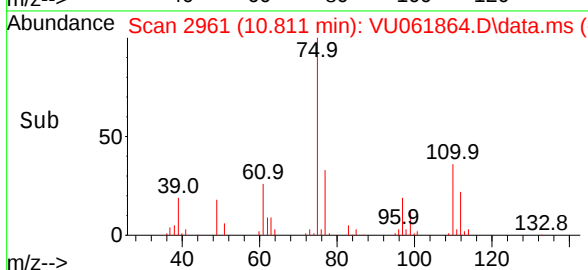
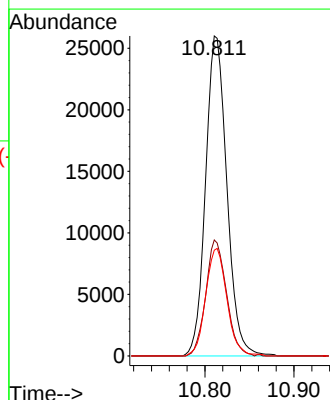
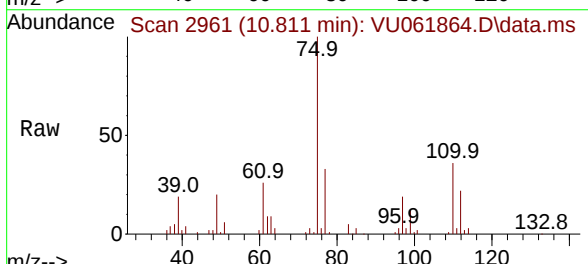
Instrument :
MSVOA_U
ClientSampleId :

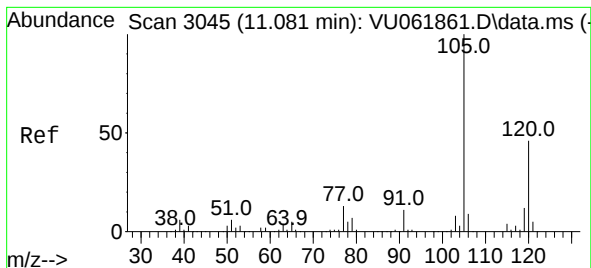
Tgt Ion:105 Resp: 309341
Ion Ratio Lower Upper
105 100
120 25.6 20.6 31.0
77 16.4 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 4.592 ug/L
RT: 10.811 min Scan# 2961
Delta R.T. -0.003 min
Lab File: VU061864.D
Acq: 20 Nov 2024 13:45

Tgt Ion: 75 Resp: 43133
Ion Ratio Lower Upper
75 100
110 35.2 28.9 43.3
77 33.5 26.5 39.7





#62

1,3,5-Trimethylbenzene

Concen: 5.053 ug/L

RT: 11.077 min Scan# 3044

Delta R.T. -0.003 min

Lab File: VU061864.D

Acq: 20 Nov 2024 13:45

Instrument :

MSVOA_U

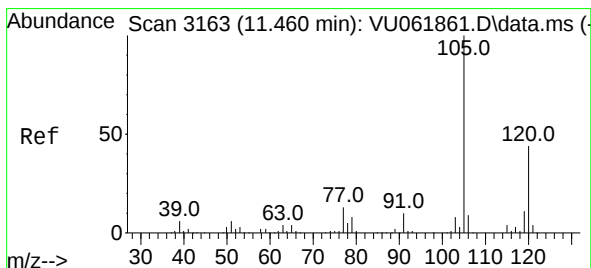
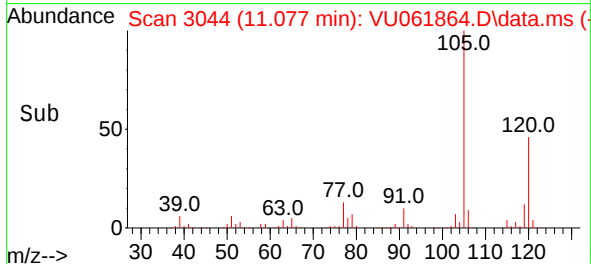
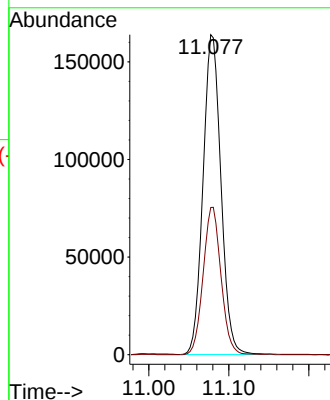
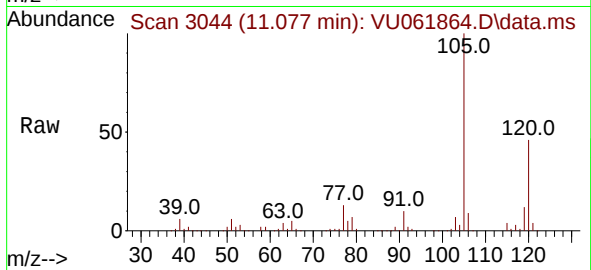
ClientSampleId :

Tgt Ion:105 Resp: 255366

Ion Ratio Lower Upper

105 100

120 46.0 36.7 55.1



#63

1,2,4-Trimethylbenzene

Concen: 5.027 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.000 min

Lab File: VU061864.D

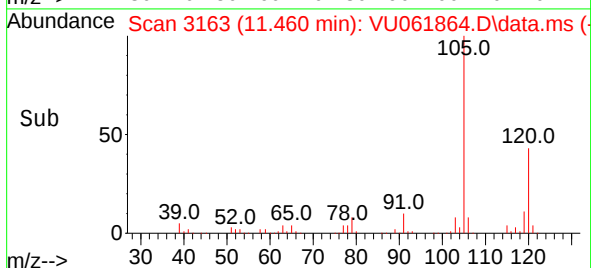
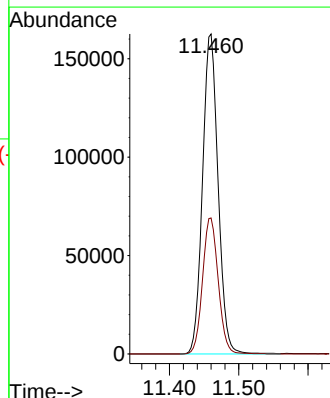
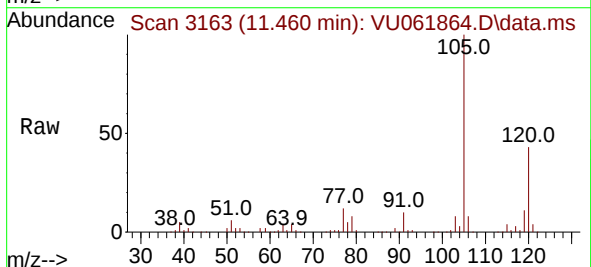
Acq: 20 Nov 2024 13:45

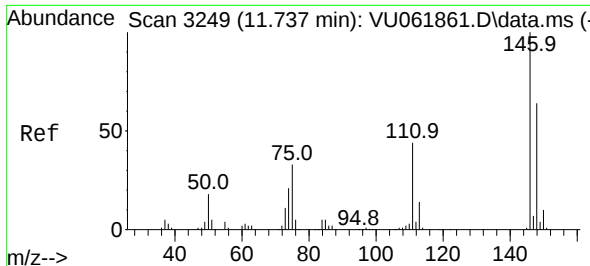
Tgt Ion:105 Resp: 253263

Ion Ratio Lower Upper

105 100

120 42.7 34.7 52.1

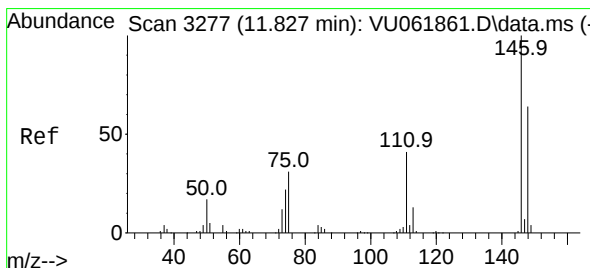
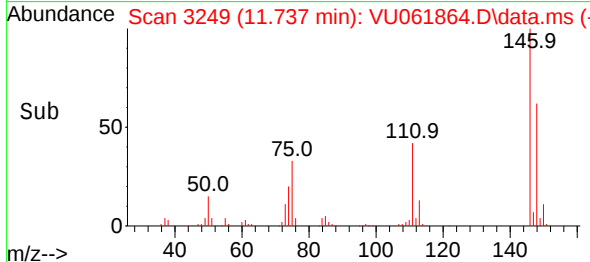
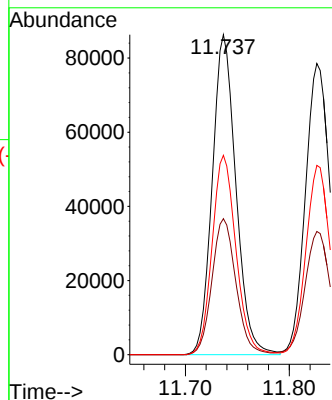
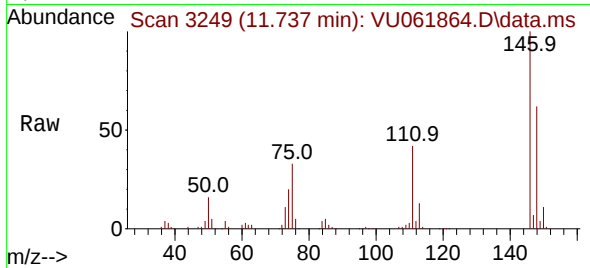




#64
1,3-Dichlorobenzene
Concen: 4.854 ug/L
RT: 11.737 min Scan# 3249
Delta R.T. -0.000 min
Lab File: VU061864.D
Acq: 20 Nov 2024 13:45

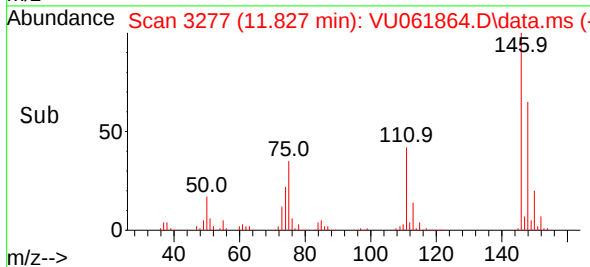
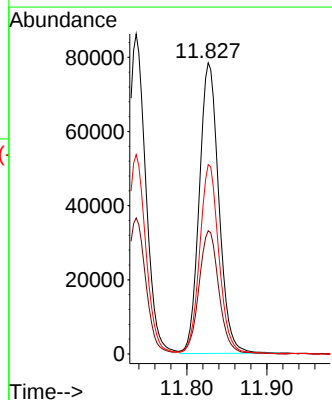
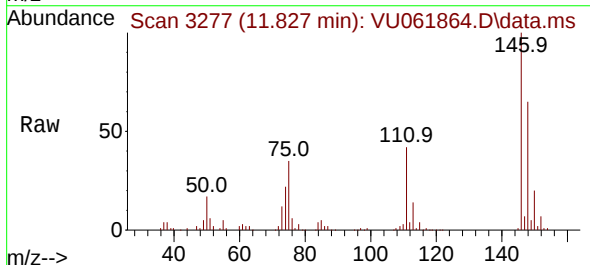
Instrument :
MSVOA_U
ClientSampleId :

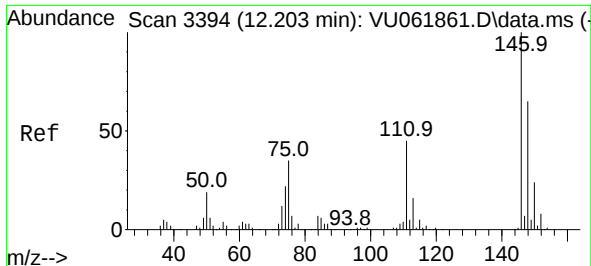
Tgt Ion:146 Resp: 136500
Ion Ratio Lower Upper
146 100
111 42.5 30.7 57.1
148 62.3 45.1 83.7



#65
1,4-Dichlorobenzene
Concen: 4.897 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. -0.000 min
Lab File: VU061864.D
Acq: 20 Nov 2024 13:45

Tgt Ion:146 Resp: 133288
Ion Ratio Lower Upper
146 100
111 42.3 29.3 54.3
148 65.0 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 5.190 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. -0.000 min MSVOA_U

Lab File: VU061864.D

Acq: 20 Nov 2024 13:45

Instrument :

MSVOA_U

ClientSampleId :

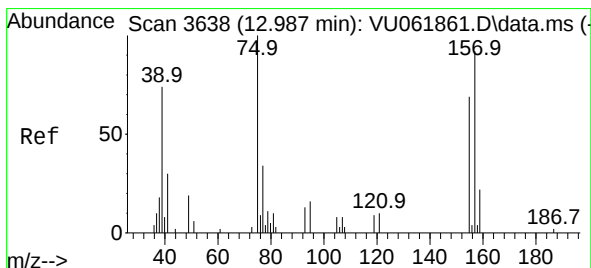
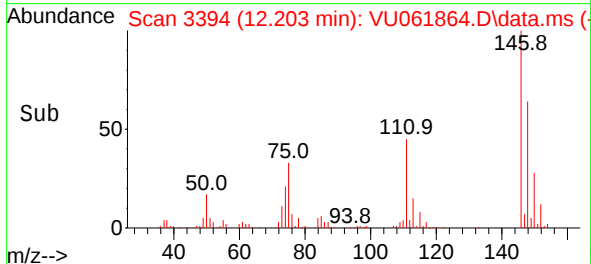
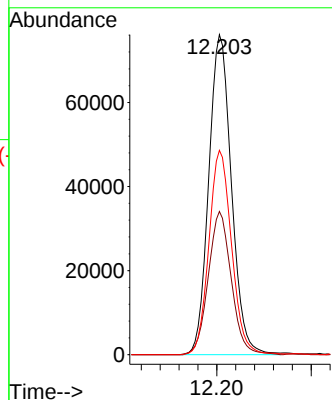
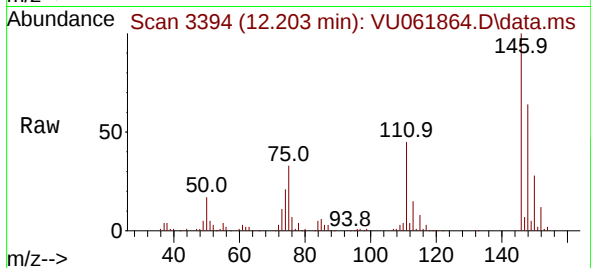
Tgt Ion:146 Resp: 126944

Ion Ratio Lower Upper

146 100

111 44.7 36.0 54.0

148 63.9 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.392 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.000 min

Lab File: VU061864.D

Acq: 20 Nov 2024 13:45

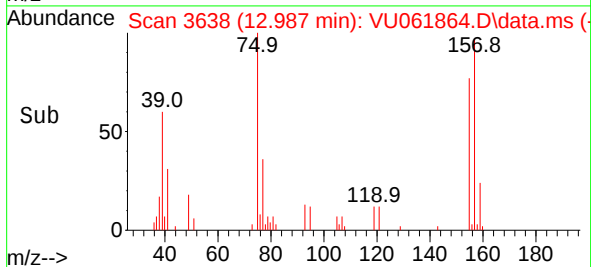
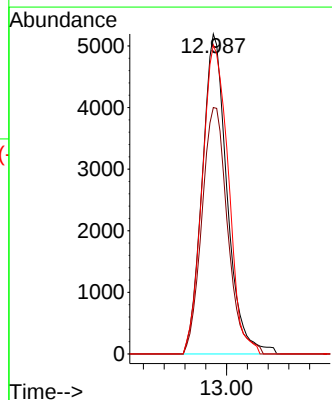
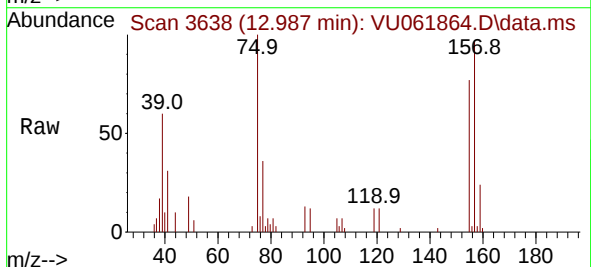
Tgt Ion: 75 Resp: 8643

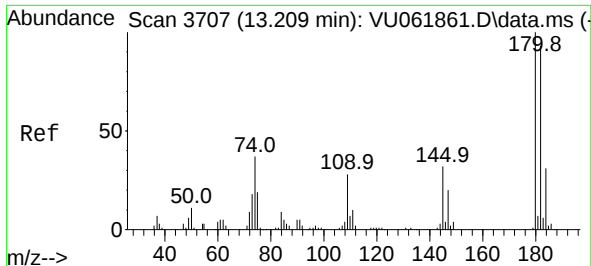
Ion Ratio Lower Upper

75 100

155 77.0 55.2 82.8

157 96.6 73.5 110.3





#69

1,3,5-Trichlorobenzene

Concen: 6.258 ug/L

RT: 13.212 min Scan# 3

Delta R.T. 0.003 min

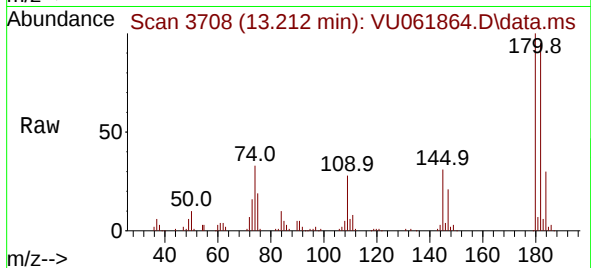
Lab File: VU061864.D

Acq: 20 Nov 2024 13:45

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 104727

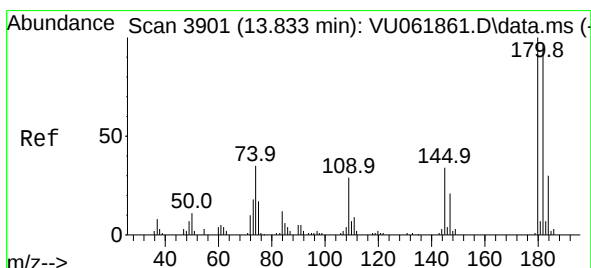
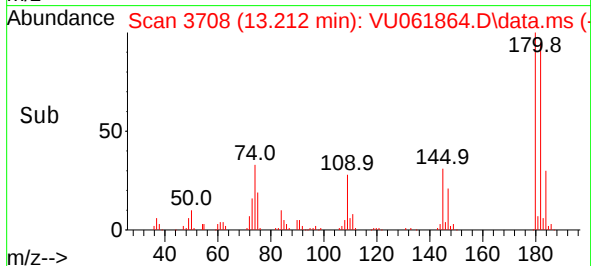
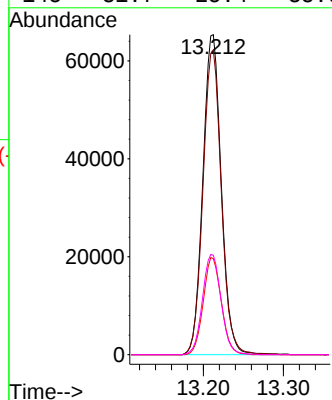
Ion Ratio Lower Upper

180 100

182 95.2 76.7 115.1

184 29.8 24.8 37.2

145 31.7 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 5.396 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU061864.D

Acq: 20 Nov 2024 13:45

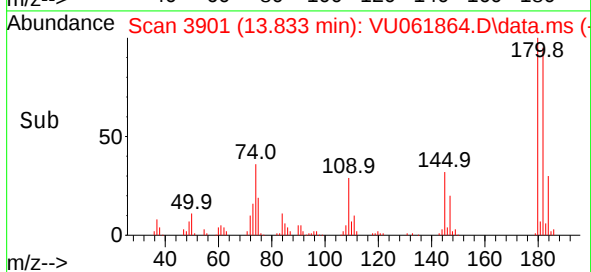
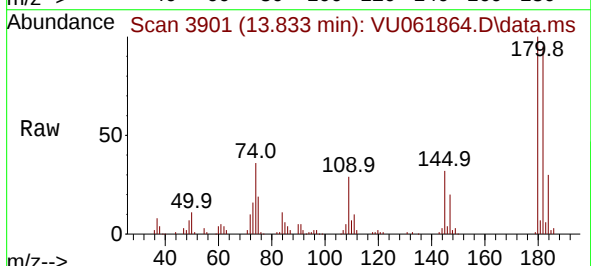
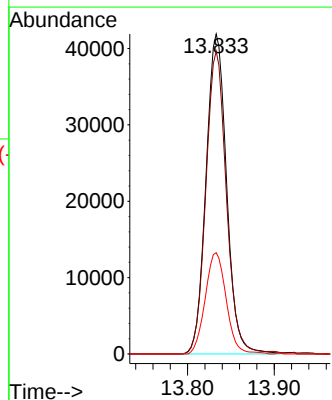
Tgt Ion:180 Resp: 69209

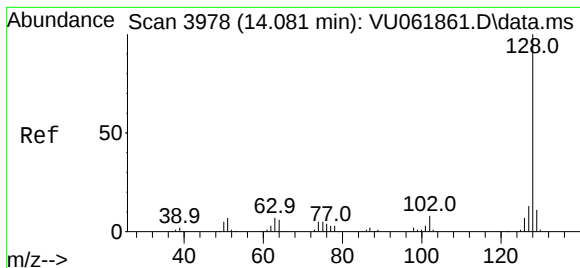
Ion Ratio Lower Upper

180 100

182 94.1 74.5 111.7

145 32.3 25.6 38.4





#71

Naphthalene

Concen: 5.446 ug/L

RT: 14.080 min Scan# 3978

Delta R.T. -0.000 min

Lab File: VU061864.D

Acq: 20 Nov 2024 13:45

Instrument :

MSVOA_U

ClientSampleId :

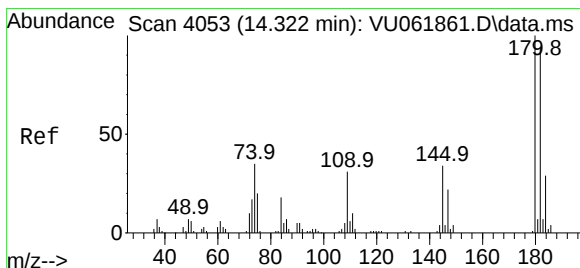
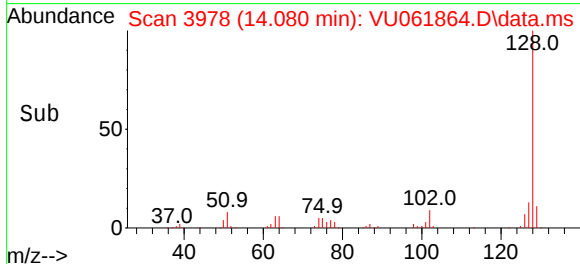
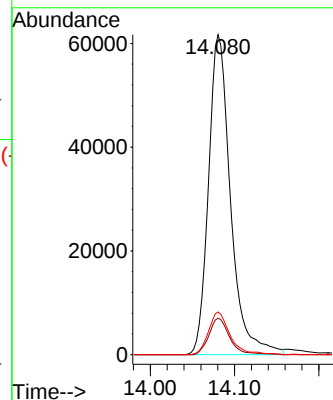
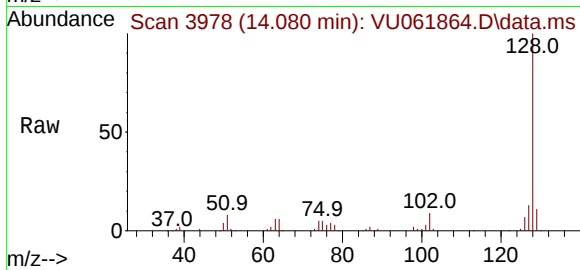
Tgt Ion:128 Resp: 112566

Ion Ratio Lower Upper

128 100

129 10.7 8.5 12.7

127 13.0 10.2 15.4



#72

1,2,3-Trichlorobenzene

Concen: 5.275 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. -0.000 min

Lab File: VU061864.D

Acq: 20 Nov 2024 13:45

Tgt Ion:180 Resp: 58263

Ion Ratio Lower Upper

180 100

182 96.0 76.1 114.1

145 35.9 27.4 41.0

