

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112024\
 Data File : VU061887.D
 Acq On : 20 Nov 2024 23:54
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 21 01:37:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 21 01:18:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	178703	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	165334	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	77993	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	38313	4.371	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.400%
7) Chloroethane-d5	1.904	69	35336	4.557	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.200%
11) 1,1-Dichloroethene-d2	2.557	65	15573	4.447	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.000%
20) 2-Butanone-d5	4.611	46	156788	56.959	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.920%
24) Chloroform-d	5.052	84	103678	4.848	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
26) 1,2-Dichloroethane-d4	5.692	65	54534	4.955	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	5.717	84	165231	5.129	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.600%
36) 1,2-Dichloropropane-d6	6.679	67	59865	5.469	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.400%
41) Toluene-d8	7.888	98	137745	5.127	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.600%
43) trans-1,3-Dichloroprop...	8.174	79	21846	5.391	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	107.800%
46) 2-Hexanone-d5	8.621	63	107597	58.175	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.340%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	58426	5.342	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.800%
66) 1,2-Dichlorobenzene-d4	12.183	152	56476	4.897	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	63793	4.080	ug/L	100
3) Chloromethane	1.518	50	74015	4.593	ug/L	100
5) Vinyl chloride	1.599	62	73189	4.420	ug/L	99
6) Bromomethane	1.843	94	44329	4.498	ug/L	98
8) Chloroethane	1.923	64	46947	4.398	ug/L	100
9) Trichlorofluoromethane	2.129	101	88499	4.226	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	50613	3.927	ug/L	98
12) 1,1-Dichloroethene	2.570	96	51931	4.333	ug/L	98
13) Acetone	2.618	43	97063	51.072	ug/L	95
14) Carbon disulfide	2.782	76	153433	4.025	ug/L	99
15) Methyl Acetate	2.946	43	25518	5.229	ug/L	97
16) Methylene chloride	3.036	84	64617	4.490	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	153407	4.994	ug/L	99
18) trans-1,2-Dichloroethene	3.341	96	56116	4.430	ug/L	95
19) 1,1-Dichloroethane	3.856	63	113340	4.593	ug/L	100
21) 2-Butanone	4.689	43	165465	53.870	ug/L	100
22) cis-1,2-Dichloroethene	4.656	96	66935	4.695	ug/L	97
23) Bromochloromethane	4.965	128	29803	4.809	ug/L	98
25) Chloroform	5.078	83	119518	4.633	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112024\
 Data File : VU061887.D
 Acq On : 20 Nov 2024 23:54
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 21 01:37:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 21 01:18:14 2024
 Response via : Initial Calibration

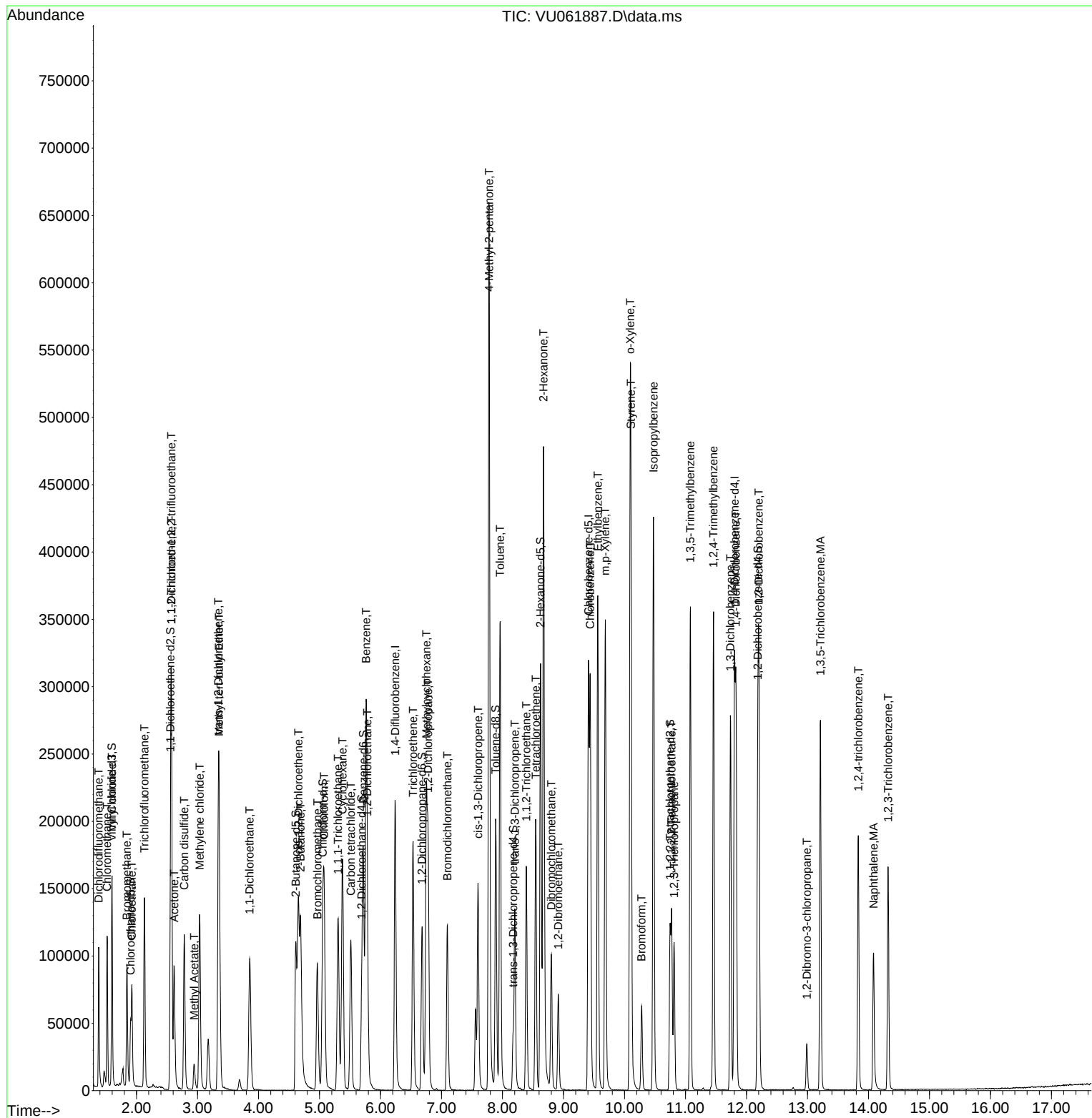
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	80289	4.838	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	94623	4.965	ug/L	99
30) Cyclohexane	5.377	56	83844	4.206	ug/L	98
31) Carbon tetrachloride	5.515	117	76667	4.738	ug/L	97
33) Benzene	5.762	78	253628	5.080	ug/L	100
34) Trichloroethene	6.534	95	64960	4.875	ug/L	97
35) Methylcyclohexane	6.753	83	84872	4.163	ug/L	98
37) 1,2-Dichloropropane	6.782	63	67544	5.207	ug/L	99
38) Bromodichloromethane	7.097	83	80475	5.115	ug/L	99
39) cis-1,3-Dichloropropene	7.598	75	91516	5.031	ug/L	98
40) 4-Methyl-2-pentanone	7.778	43	410284	58.619	ug/L	100
42) Toluene	7.962	91	262333	5.007	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	73535	5.091	ug/L	98
45) 1,1,2-Trichloroethane	8.389	97	51765	5.417	ug/L	99
47) Tetrachloroethene	8.547	164	41431	4.275	ug/L	97
48) 2-Hexanone	8.672	43	301685	57.554	ug/L	97
49) Dibromochloromethane	8.801	129	50606	5.013	ug/L	94
50) 1,2-Dibromoethane	8.913	107	48179	5.080	ug/L	98
51) Chlorobenzene	9.438	112	158923	4.428	ug/L	99
52) Ethylbenzene	9.563	91	265420	4.233	ug/L	99
53) m,p-Xylene	9.685	106	99811	4.511	ug/L	99
54) o-Xylene	10.093	106	99433	4.452	ug/L	93
55) Styrene	10.106	104	166143	4.515	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	63947	5.222	ug/L	99
59) Bromoform	10.280	173	26877	4.635	ug/L	99
60) Isopropylbenzene	10.476	105	281376	4.627	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	45180	5.011	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	196696	4.054	ug/L	97
63) 1,2,4-Trimethylbenzene	11.460	105	198848	4.111	ug/L	100
64) 1,3-Dichlorobenzene	11.736	146	112380	4.163	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	114064	4.365	ug/L	96
67) 1,2-Dichlorobenzene	12.203	146	109584	4.667	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.987	75	9973	6.481	ug/L	98
69) 1,3,5-Trichlorobenzene	13.212	180	85825	5.343	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	55726	4.526	ug/L	99
71) Naphthalene	14.084	128	90863	4.579	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	48545	4.578	ug/L	99

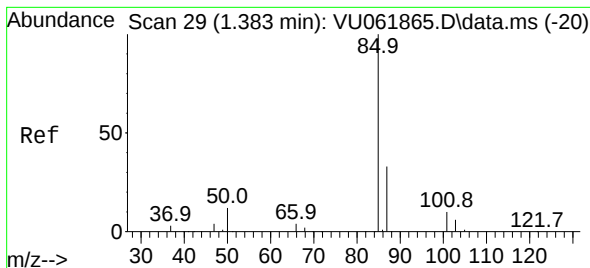
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112024\
Data File : VU061887.D
Acq On : 20 Nov 2024 23:54
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Nov 21 01:37:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 21 01:18:14 2024
Response via : Initial Calibration

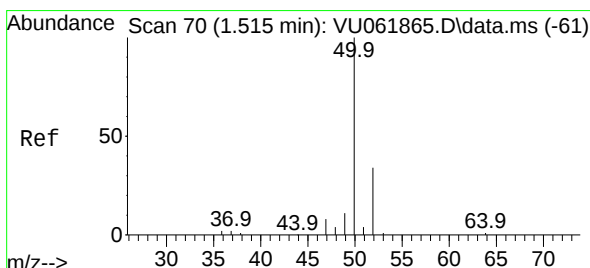
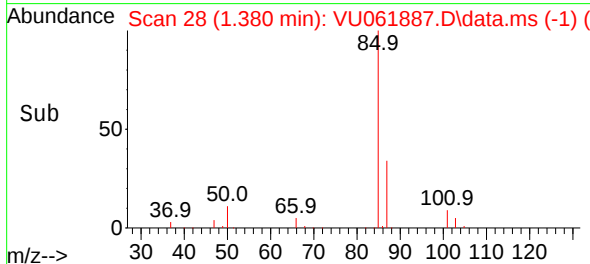
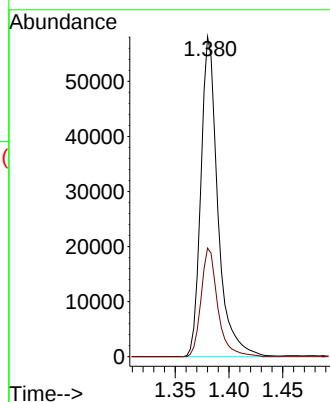
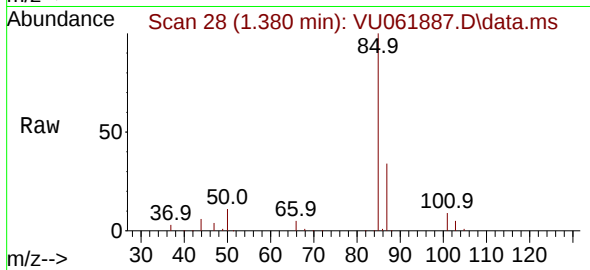




#2
 Dichlorodifluoromethane
 Concen: 4.080 ug/L
 RT: 1.380 min Scan# 20
 Delta R.T. -0.003 min
 Lab File: VU061887.D
 Acq: 20 Nov 2024 23:54

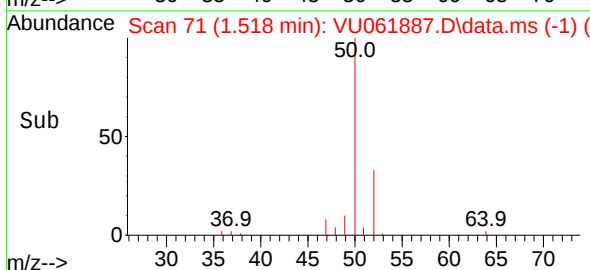
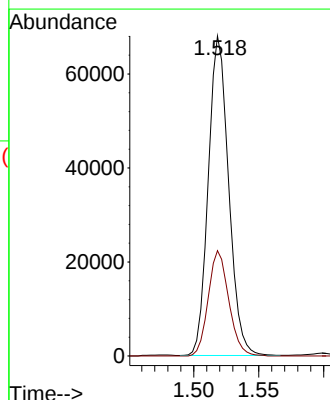
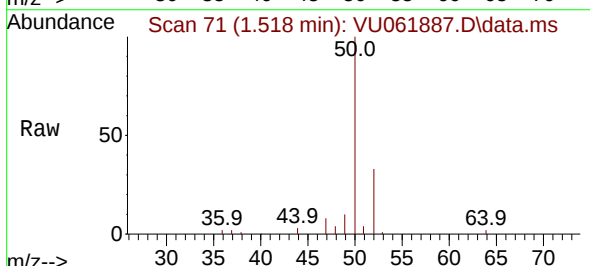
Instrument :
 MSVOA_U
 ClientSampleId :

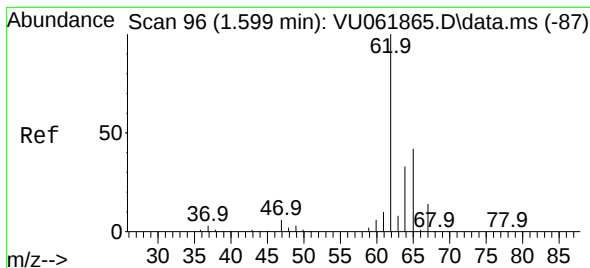
Tgt Ion: 85 Resp: 63793
 Ion Ratio Lower Upper
 85 100
 87 33.3 26.6 40.0



#3
 Chloromethane
 Concen: 4.593 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VU061887.D
 Acq: 20 Nov 2024 23:54

Tgt Ion: 50 Resp: 74015
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.1 42.9





#5

Vinyl chloride

Concen: 4.420 ug/L

RT: 1.599 min Scan# 90

Delta R.T. -0.000 min

Lab File: VU061887.D

Acq: 20 Nov 2024 23:54

Instrument :

MSVOA_U

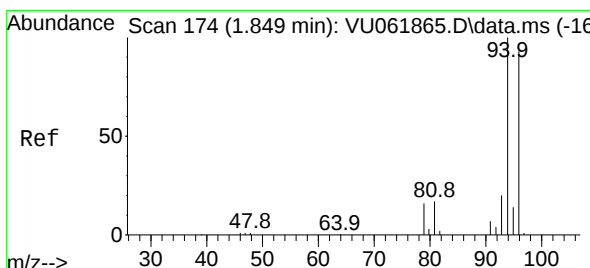
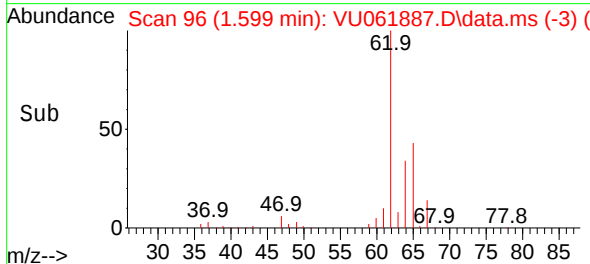
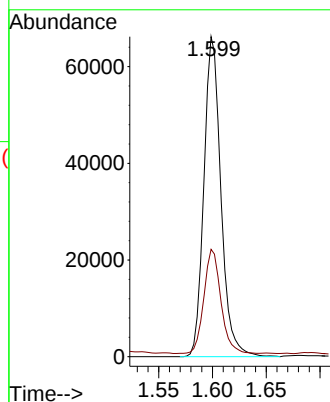
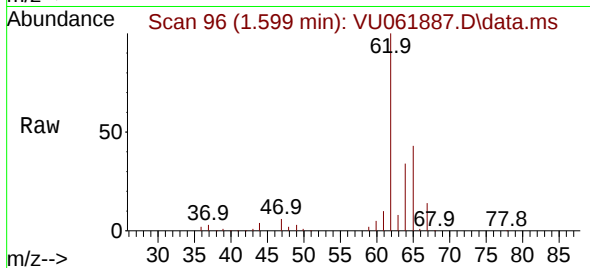
ClientSampleId :

Tgt Ion: 62 Resp: 73189

Ion Ratio Lower Upper

62 100

64 33.5 23.1 42.9



#6

Bromomethane

Concen: 4.498 ug/L

RT: 1.843 min Scan# 172

Delta R.T. -0.006 min

Lab File: VU061887.D

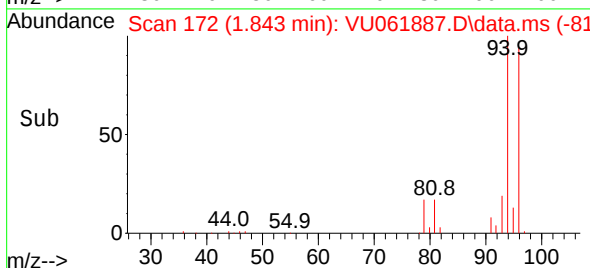
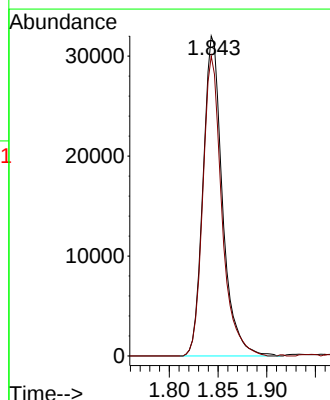
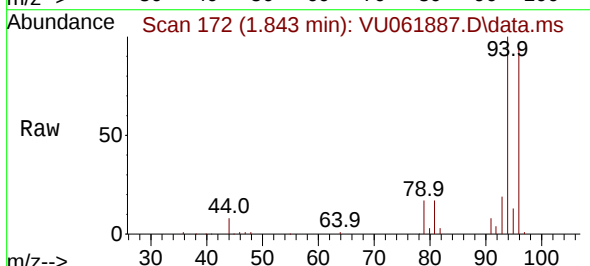
Acq: 20 Nov 2024 23:54

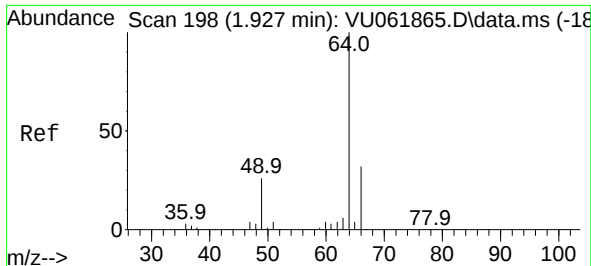
Tgt Ion: 94 Resp: 44329

Ion Ratio Lower Upper

94 100

96 93.7 64.5 119.9

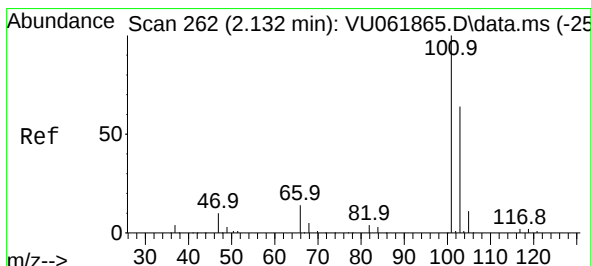
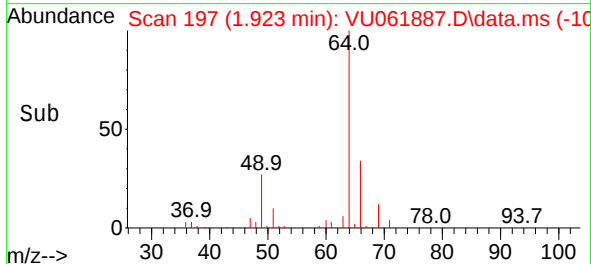
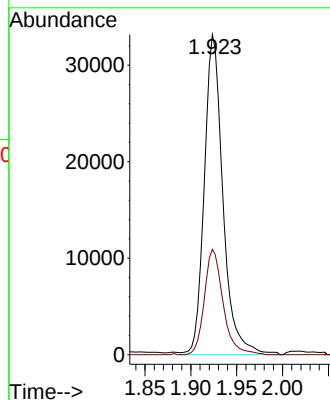
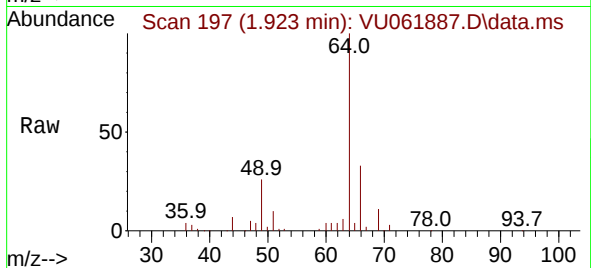




#8
Chloroethane
Concen: 4.398 ug/L
RT: 1.923 min Scan# 197
Delta R.T. -0.003 min
Lab File: VU061887.D
Acq: 20 Nov 2024 23:54

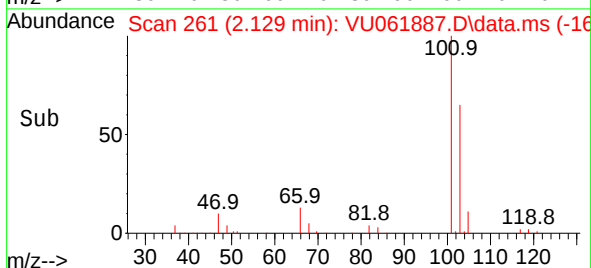
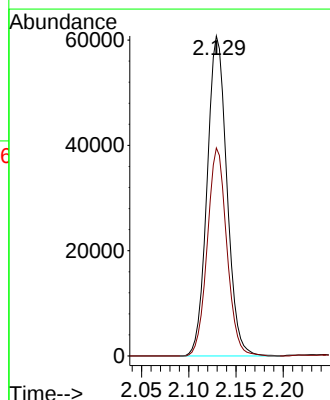
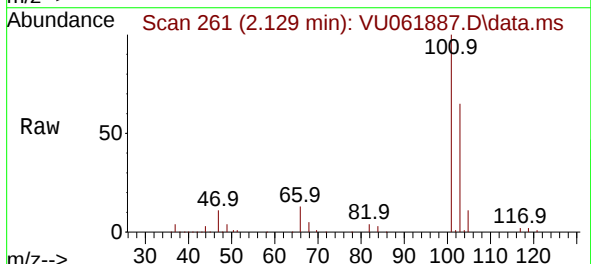
Instrument :
MSVOA_U
ClientSampleId :

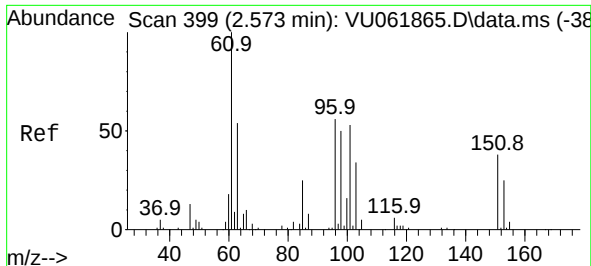
Tgt Ion: 64 Resp: 46947
Ion Ratio Lower Upper
64 100
66 32.9 23.2 43.2



#9
Trichlorofluoromethane
Concen: 4.226 ug/L
RT: 2.129 min Scan# 261
Delta R.T. -0.003 min
Lab File: VU061887.D
Acq: 20 Nov 2024 23:54

Tgt Ion:101 Resp: 88499
Ion Ratio Lower Upper
101 100
103 64.0 50.6 75.8

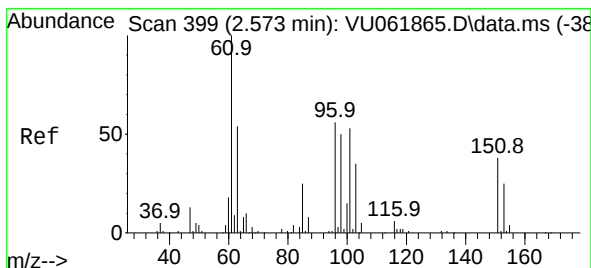
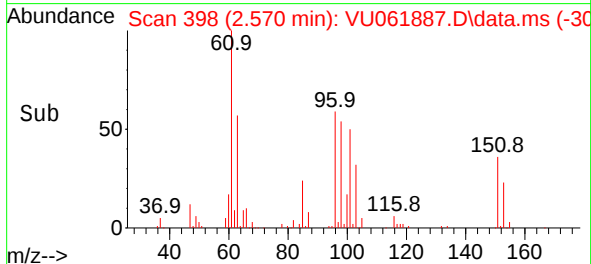
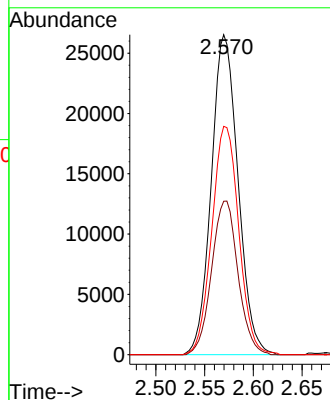
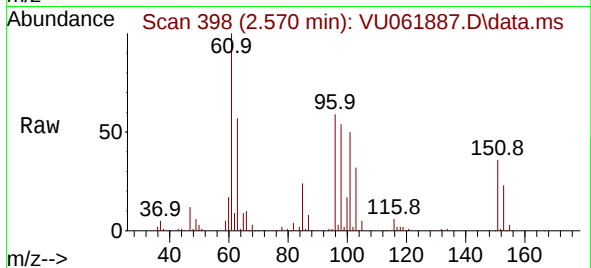




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 3.927 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.003 min
Lab File: VU061887.D
Acq: 20 Nov 2024 23:54

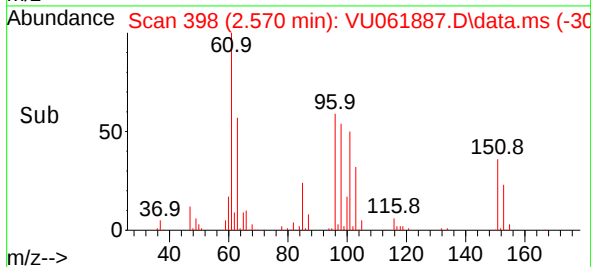
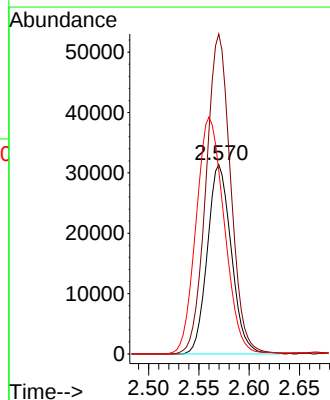
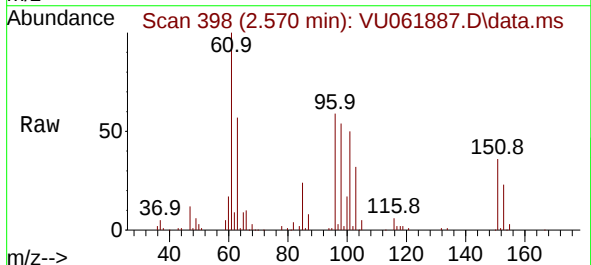
Instrument :
MSVOA_U
ClientSampleId :

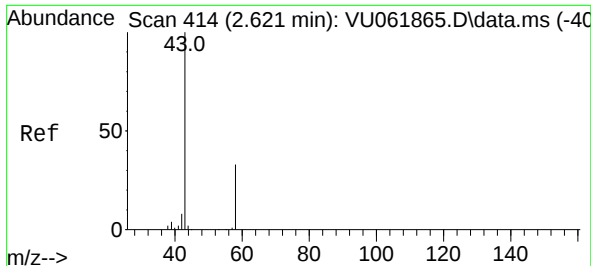
Tgt Ion:101 Resp: 50613
Ion Ratio Lower Upper
101 100
85 47.5 38.0 57.0
151 72.0 55.3 82.9



#12
1,1-Dichloroethene
Concen: 4.333 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.003 min
Lab File: VU061887.D
Acq: 20 Nov 2024 23:54

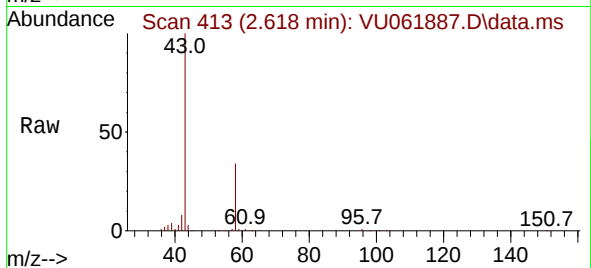
Tgt Ion: 96 Resp: 51931
Ion Ratio Lower Upper
96 100
61 169.0 119.6 222.2
63 96.9 65.0 120.6



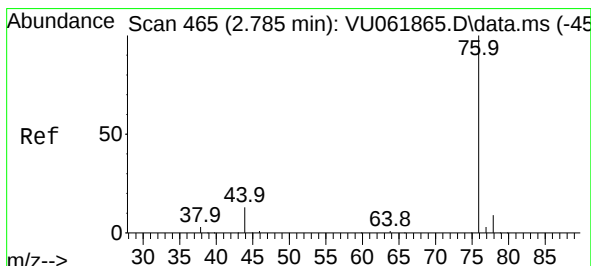
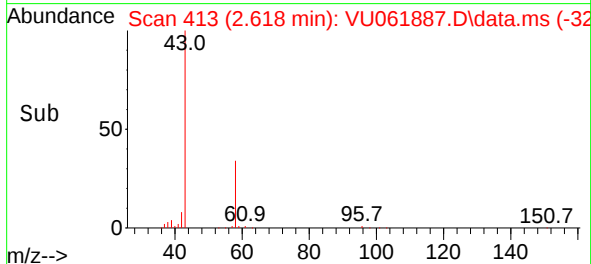
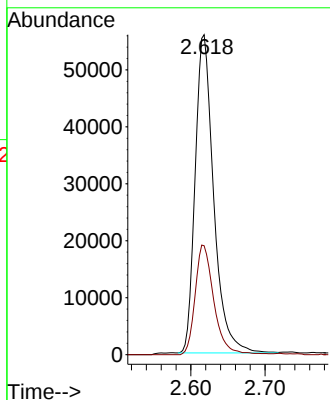


#13
Acetone
Concen: 51.072 ug/L
RT: 2.618 min Scan# 413
Delta R.T. -0.003 min
Lab File: VU061887.D
Acq: 20 Nov 2024 23:54

Instrument :
MSVOA_U
ClientSampleId :

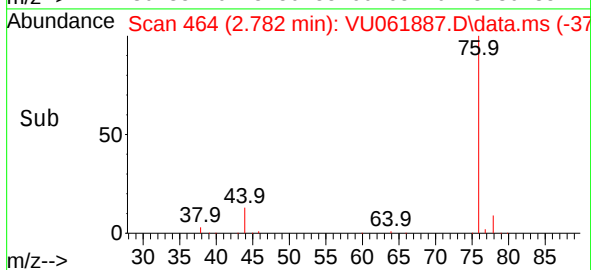
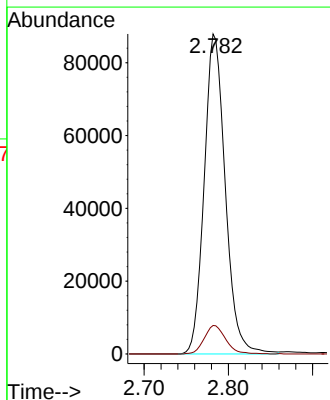
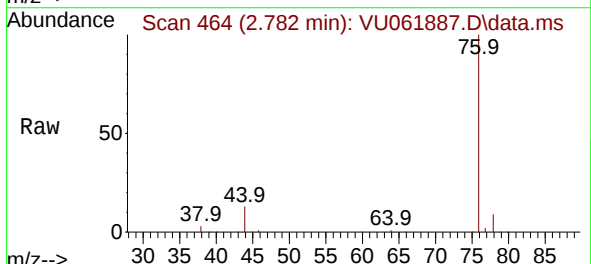


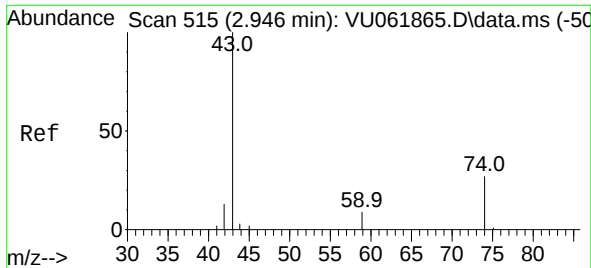
Tgt Ion: 43 Resp: 97063
Ion Ratio Lower Upper
43 100
58 34.9 0.0 64.0



#14
Carbon disulfide
Concen: 4.025 ug/L
RT: 2.782 min Scan# 464
Delta R.T. -0.003 min
Lab File: VU061887.D
Acq: 20 Nov 2024 23:54

Tgt Ion: 76 Resp: 153433
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3





#15

Methyl Acetate

Concen: 5.229 ug/L

RT: 2.946 min Scan# 515

Delta R.T. -0.000 min

Lab File: VU061887.D

Acq: 20 Nov 2024 23:54

Instrument :

MSVOA_U

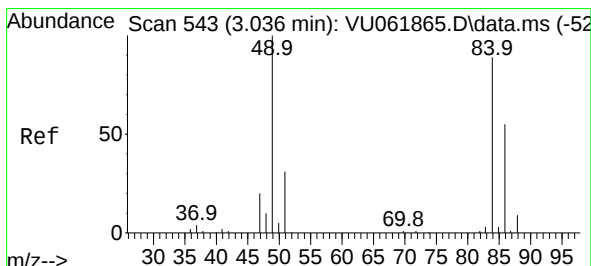
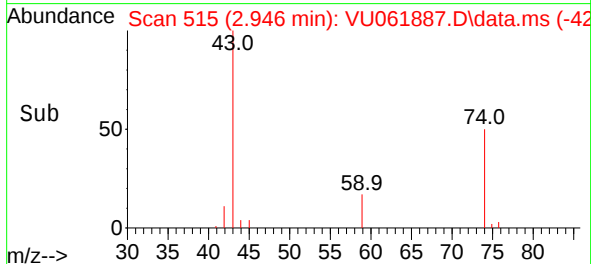
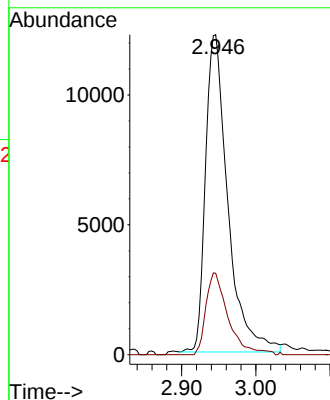
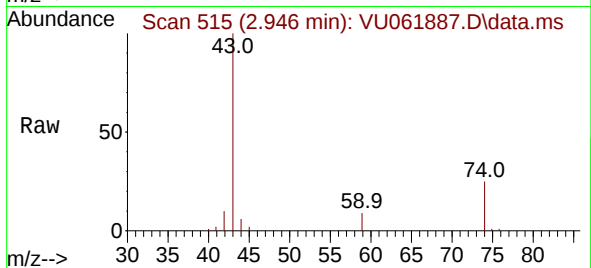
ClientSampleId :

Tgt Ion: 43 Resp: 25518

Ion Ratio Lower Upper

43 100

74 25.6 19.4 29.2



#16

Methylene chloride

Concen: 4.490 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.000 min

Lab File: VU061887.D

Acq: 20 Nov 2024 23:54

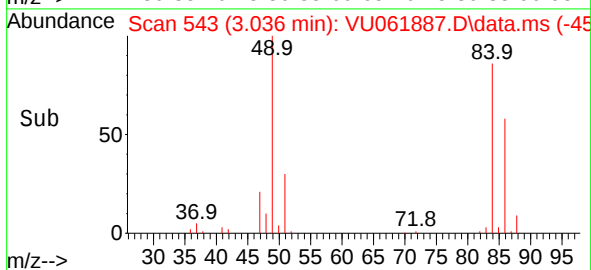
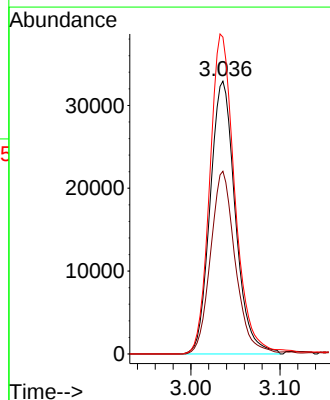
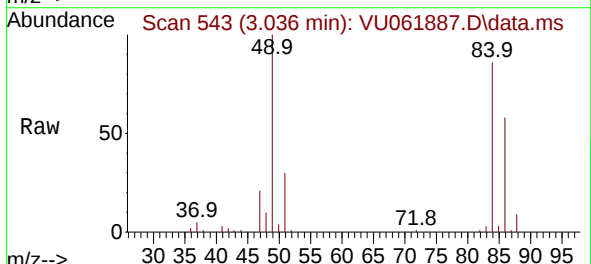
Tgt Ion: 84 Resp: 64617

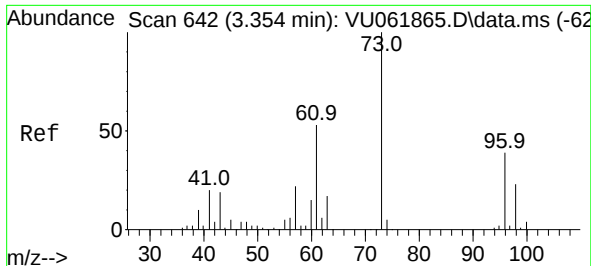
Ion Ratio Lower Upper

84 100

86 67.0 43.5 80.7

49 116.2 81.9 152.1

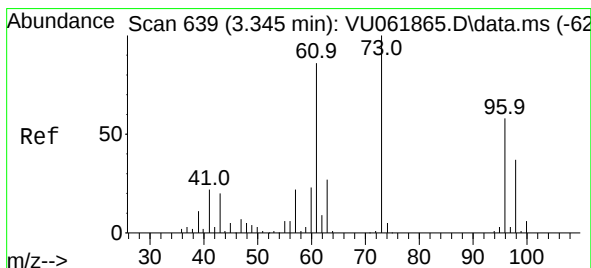
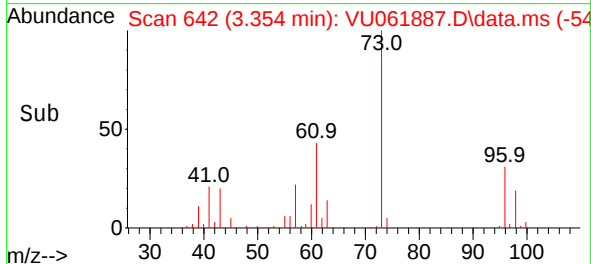
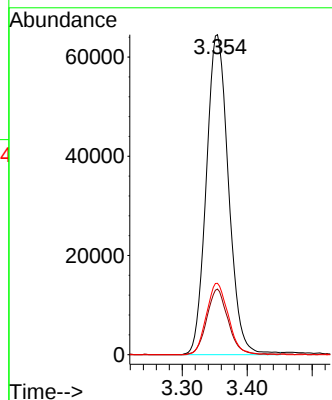
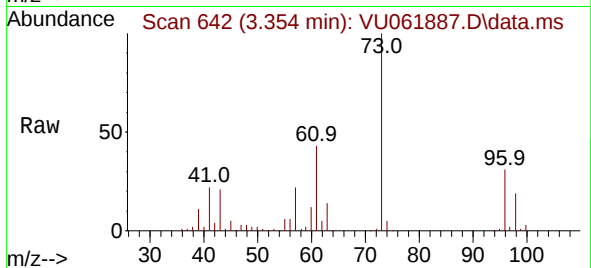




#17
Methyl tert-butyl Ether
Concen: 4.994 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU061887.D
Acq: 20 Nov 2024 23:54

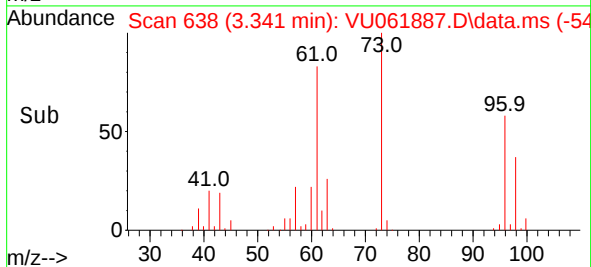
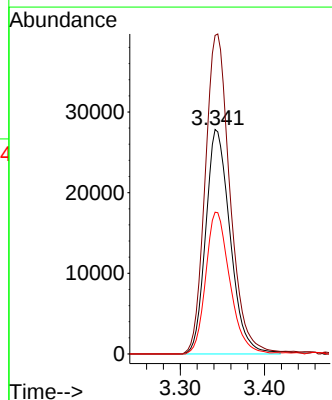
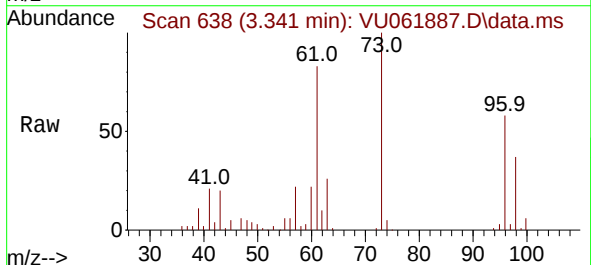
Instrument :
MSVOA_U
ClientSampleId :

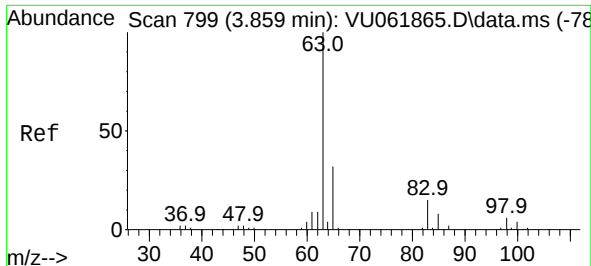
Tgt Ion: 73 Resp: 153407
Ion Ratio Lower Upper
73 100
43 19.6 16.3 24.5
57 22.0 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 4.430 ug/L
RT: 3.341 min Scan# 638
Delta R.T. -0.003 min
Lab File: VU061887.D
Acq: 20 Nov 2024 23:54

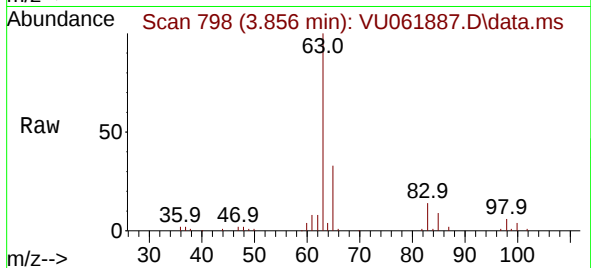
Tgt Ion: 96 Resp: 56116
Ion Ratio Lower Upper
96 100
61 141.9 104.2 193.4
98 63.2 45.7 84.9



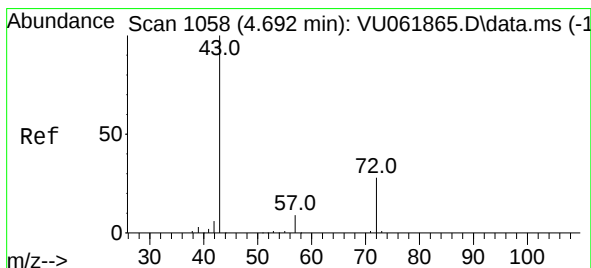
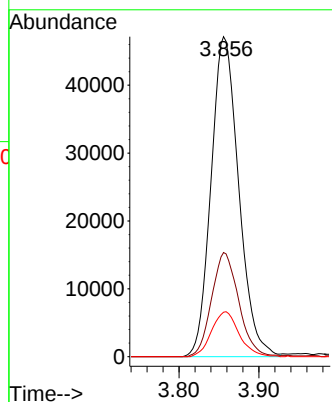
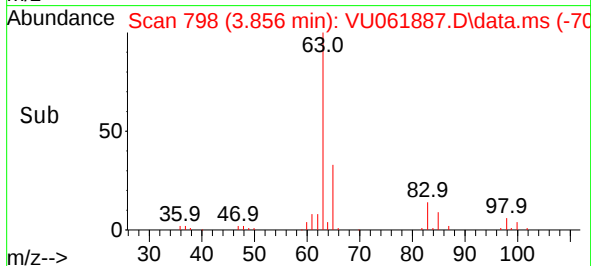


#19
1,1-Dichloroethane
Concen: 4.593 ug/L
RT: 3.856 min Scan# 799
Delta R.T. -0.003 min
Lab File: VU061887.D
Acq: 20 Nov 2024 23:54

Instrument :
MSVOA_U
ClientSampleId :

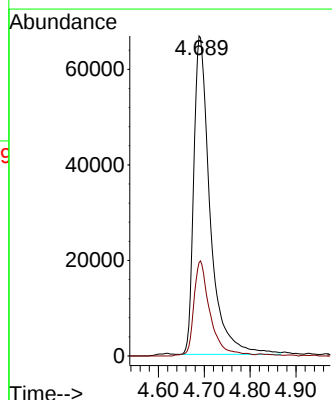
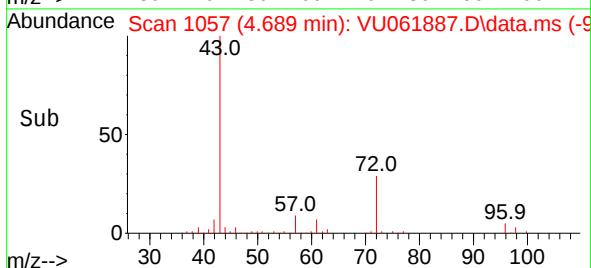
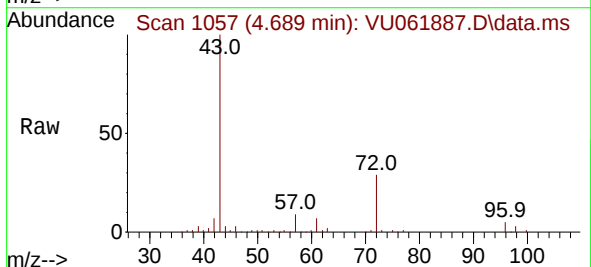


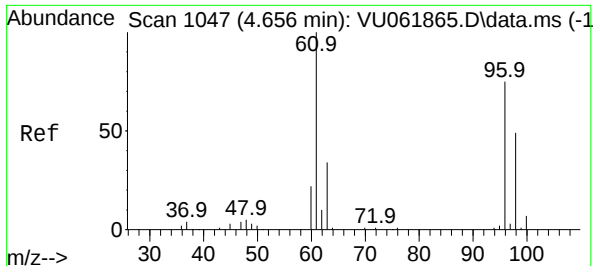
Tgt Ion: 63 Resp: 113340
Ion Ratio Lower Upper
63 100
65 32.6 22.7 42.3
83 13.9 9.9 18.3



#21
2-Butanone
Concen: 53.870 ug/L
RT: 4.689 min Scan# 1057
Delta R.T. -0.003 min
Lab File: VU061887.D
Acq: 20 Nov 2024 23:54

Tgt Ion: 43 Resp: 165465
Ion Ratio Lower Upper
43 100
72 29.4 14.8 44.4

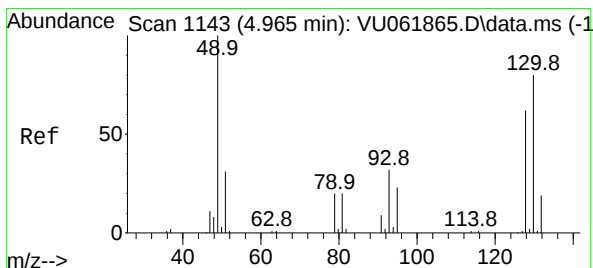
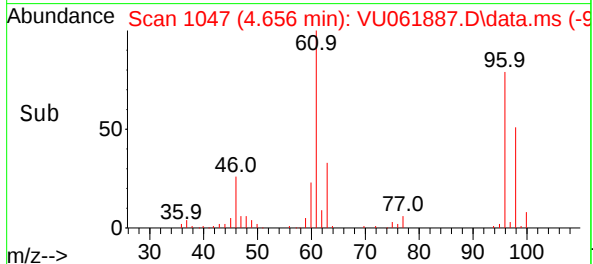
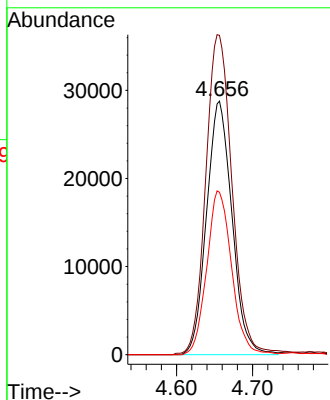
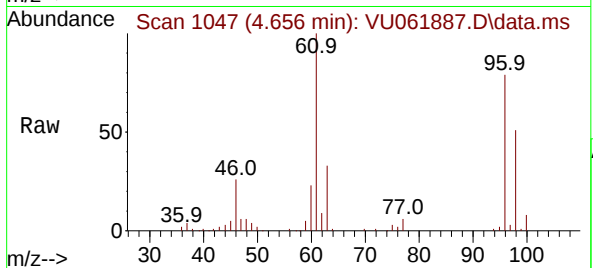




#22
 cis-1,2-Dichloroethene
 Concen: 4.695 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. -0.000 min
 Lab File: VU061887.D
 Acq: 20 Nov 2024 23:54

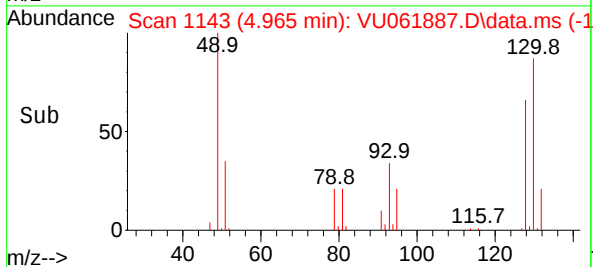
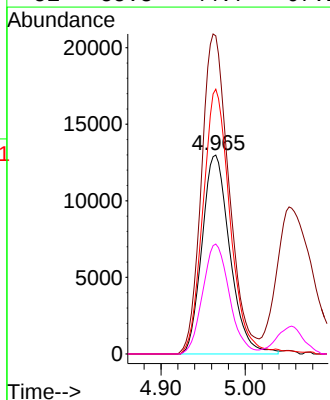
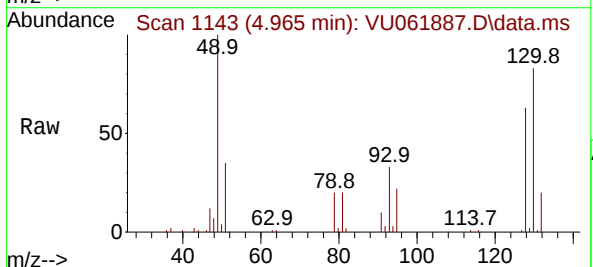
Instrument :
 MSVOA_U
 ClientSampleId :

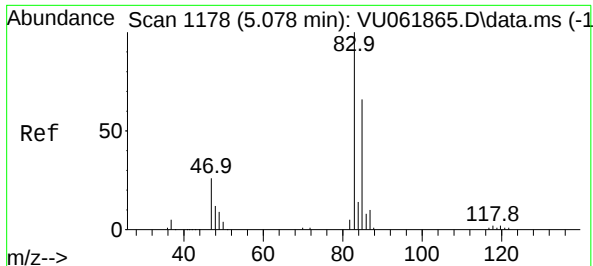
Tgt Ion: 96 Resp: 66935
 Ion Ratio Lower Upper
 96 100
 61 125.9 92.0 170.8
 98 64.1 44.5 82.7



#23
 Bromochloromethane
 Concen: 4.809 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. -0.000 min
 Lab File: VU061887.D
 Acq: 20 Nov 2024 23:54

Tgt Ion: 128 Resp: 29803
 Ion Ratio Lower Upper
 128 100
 49 159.9 115.3 214.1
 130 133.2 92.0 170.8
 51 55.3 44.7 67.1





#25

Chloroform

Concen: 4.633 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VU061887.D

Acq: 20 Nov 2024 23:54

Instrument :

MSVOA_U

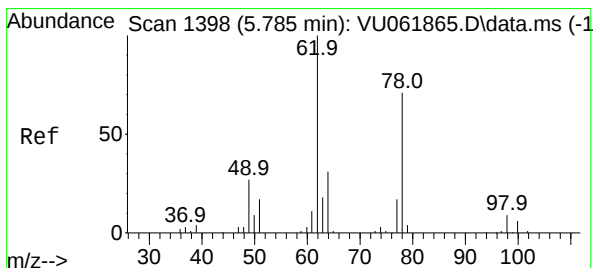
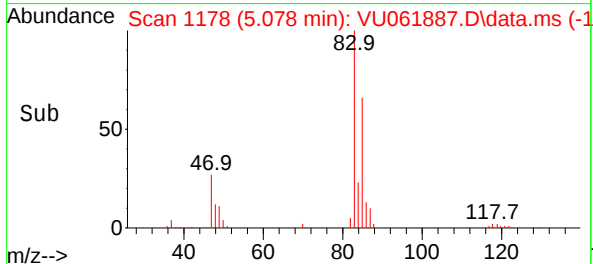
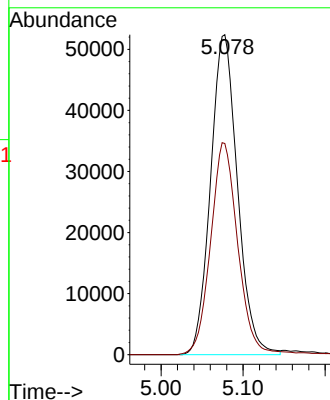
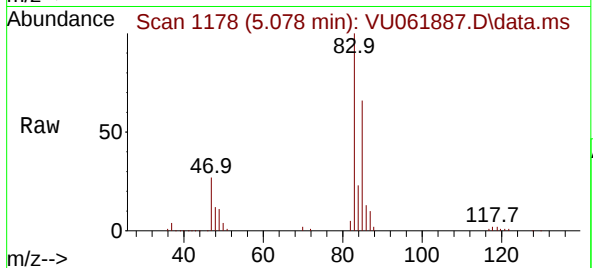
ClientSampleId :

Tgt Ion: 83 Resp: 119518

Ion Ratio Lower Upper

83 100

85 66.0 45.4 84.2



#27

1,2-Dichloroethane

Concen: 4.838 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VU061887.D

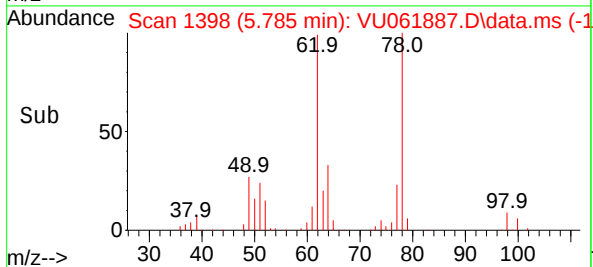
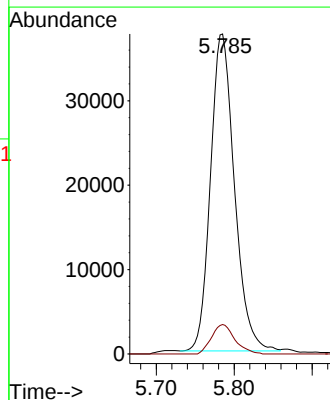
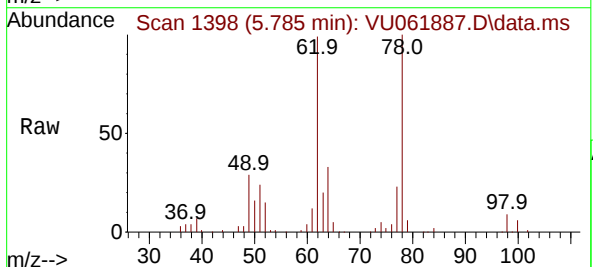
Acq: 20 Nov 2024 23:54

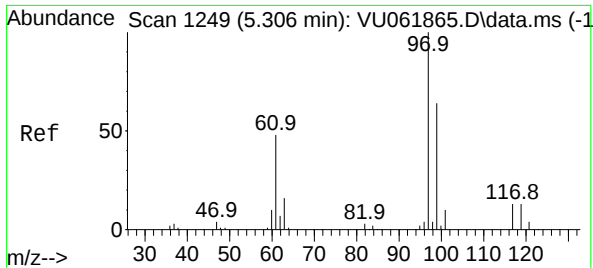
Tgt Ion: 62 Resp: 80289

Ion Ratio Lower Upper

62 100

98 9.2 7.4 11.0

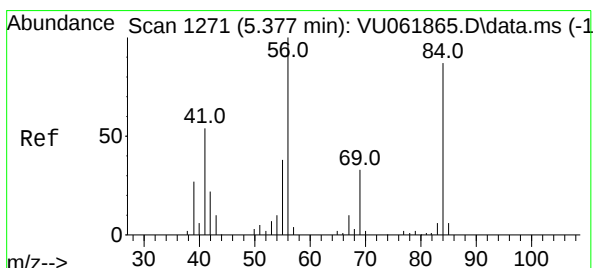
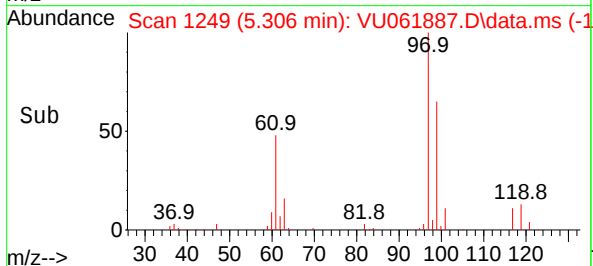
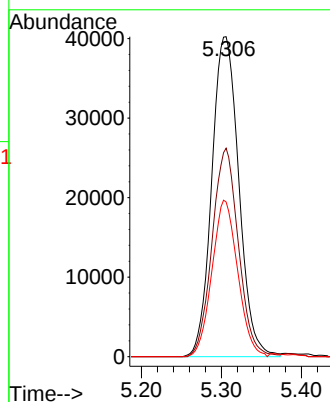
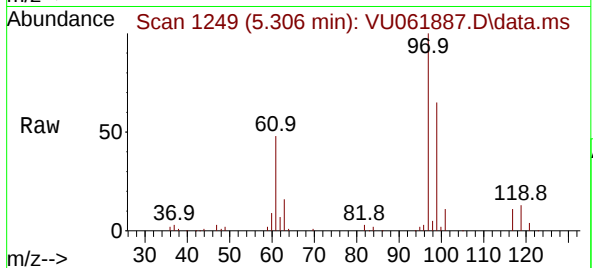




#29
1,1,1-Trichloroethane
Concen: 4.965 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU061887.D
Acq: 20 Nov 2024 23:54

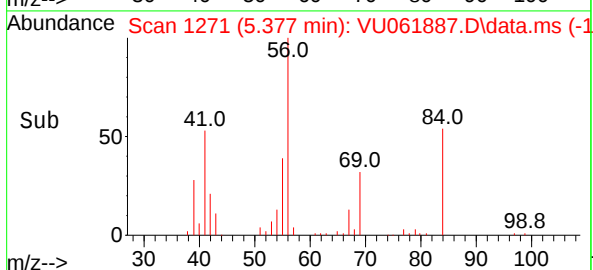
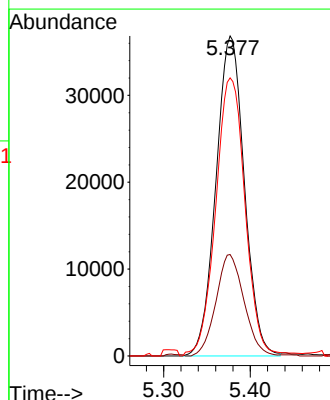
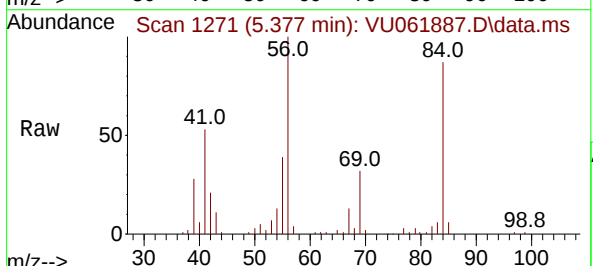
Instrument :
MSVOA_U
ClientSampleId :

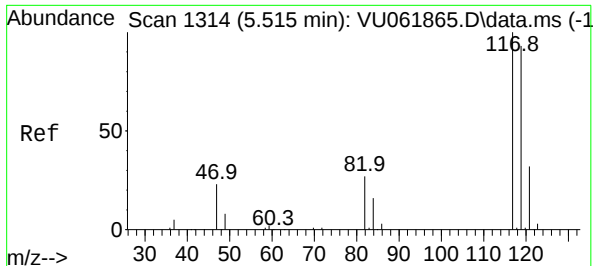
Tgt Ion:	97	Resp:	94623
Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.4	77.2
61	46.5	37.8	56.6



#30
Cyclohexane
Concen: 4.206 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. -0.000 min
Lab File: VU061887.D
Acq: 20 Nov 2024 23:54

Tgt Ion:	56	Resp:	83844
Ion	Ratio	Lower	Upper
56	100		
69	31.3	25.1	37.7
84	90.2	70.6	105.8

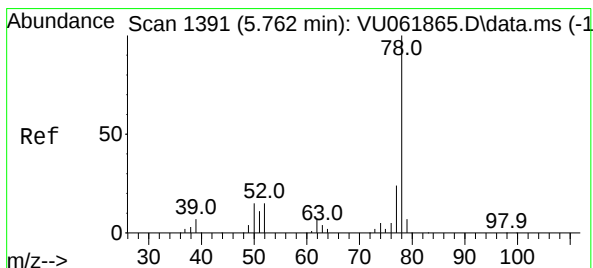
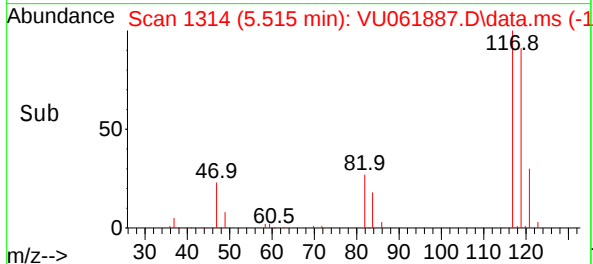
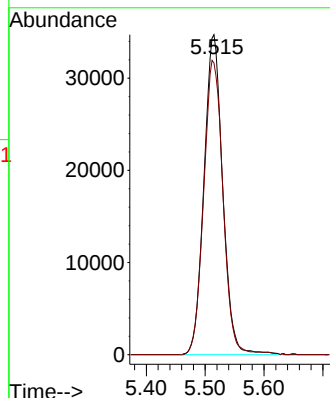
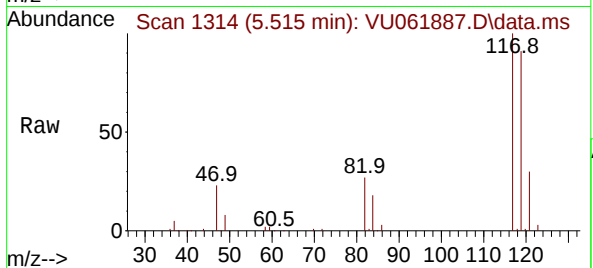




#31
Carbon tetrachloride
Concen: 4.738 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU061887.D
Acq: 20 Nov 2024 23:54

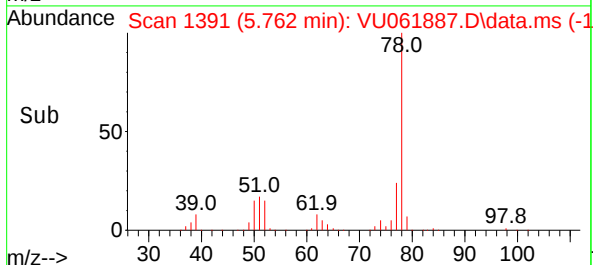
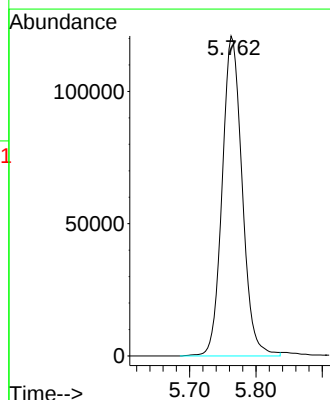
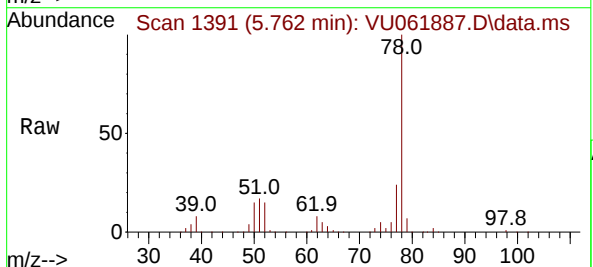
Instrument :
MSVOA_U
ClientSampleId :

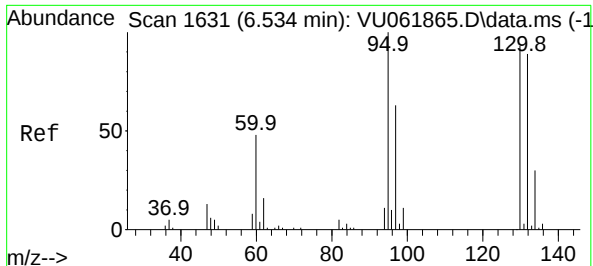
Tgt Ion:117 Resp: 76667
Ion Ratio Lower Upper
117 100
119 94.3 77.5 116.3



#33
Benzene
Concen: 5.080 ug/L
RT: 5.762 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VU061887.D
Acq: 20 Nov 2024 23:54

Tgt Ion: 78 Resp: 253628





#34

Trichloroethene

Concen: 4.875 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU061887.D

Acq: 20 Nov 2024 23:54

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 64960

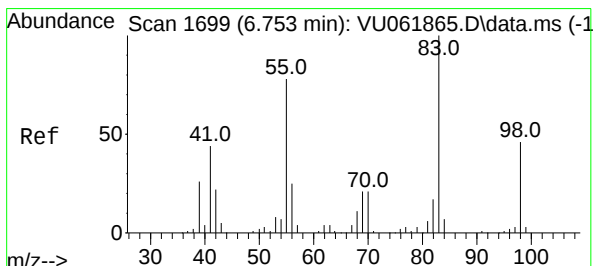
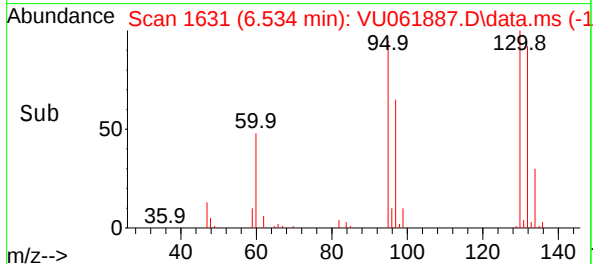
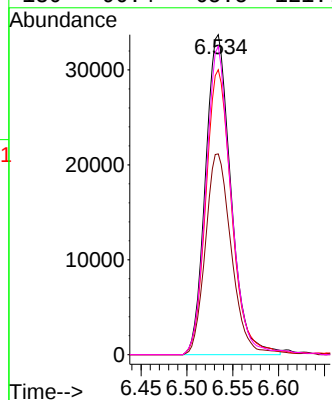
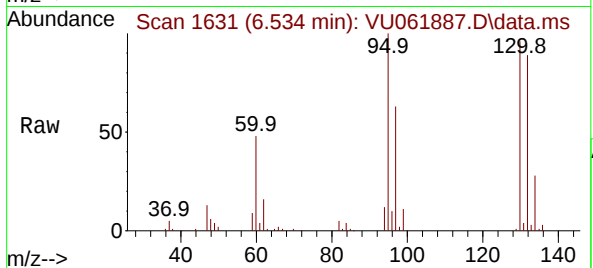
Ion Ratio Lower Upper

95 100

97 62.7 45.9 85.3

132 89.0 63.8 118.4

130 96.4 65.5 121.7



#35

Methylcyclohexane

Concen: 4.163 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. -0.000 min

Lab File: VU061887.D

Acq: 20 Nov 2024 23:54

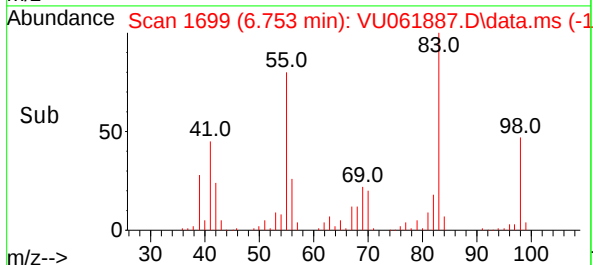
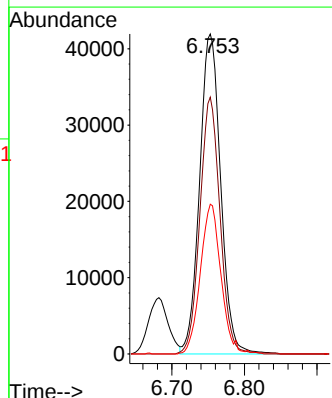
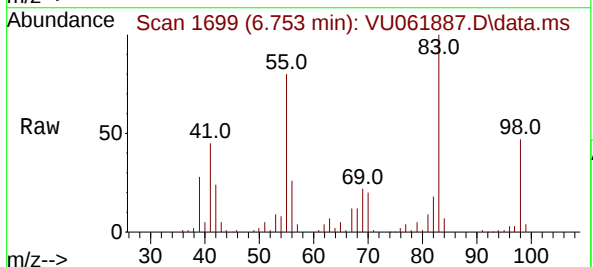
Tgt Ion: 83 Resp: 84872

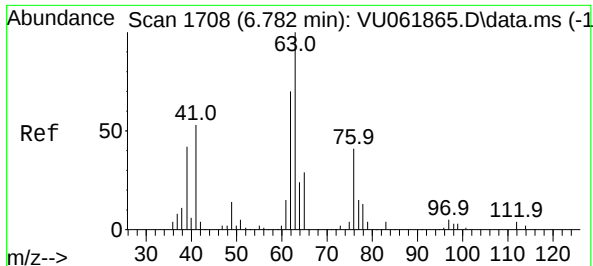
Ion Ratio Lower Upper

83 100

55 76.3 60.7 91.1

98 45.7 34.8 52.2

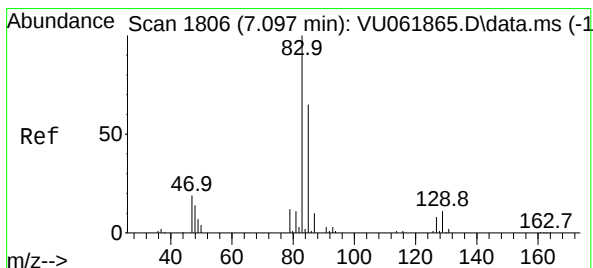
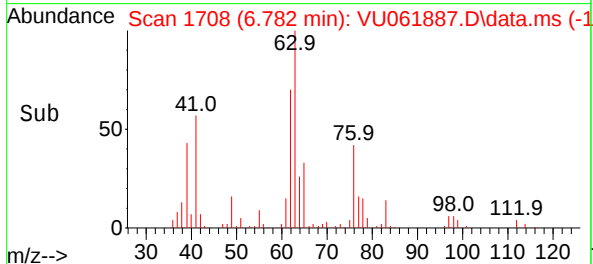
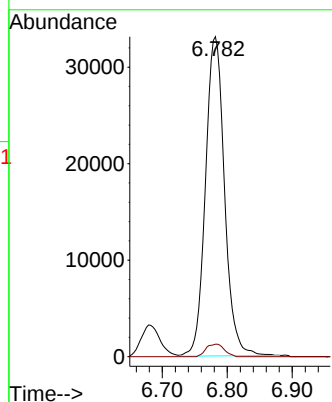
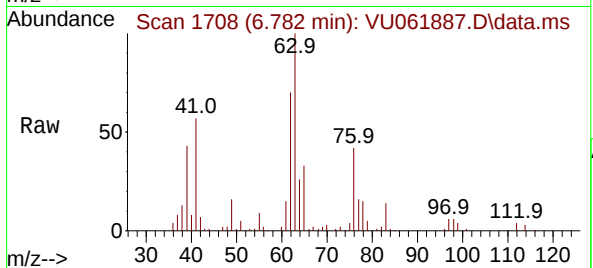




#37
1,2-Dichloropropane
Concen: 5.207 ug/L
RT: 6.782 min Scan# 1708
Delta R.T. -0.000 min
Lab File: VU061887.D
Acq: 20 Nov 2024 23:54

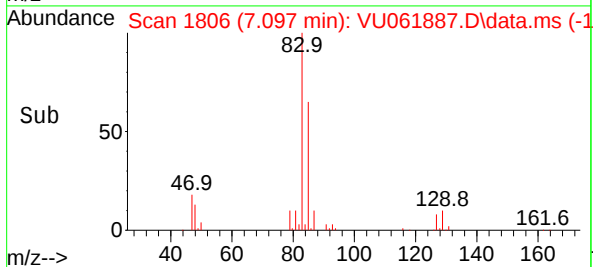
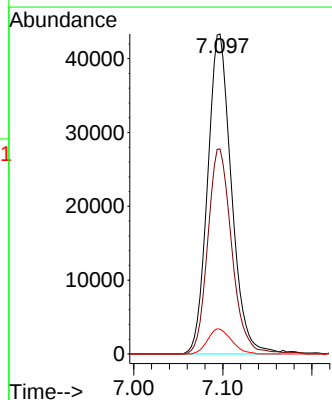
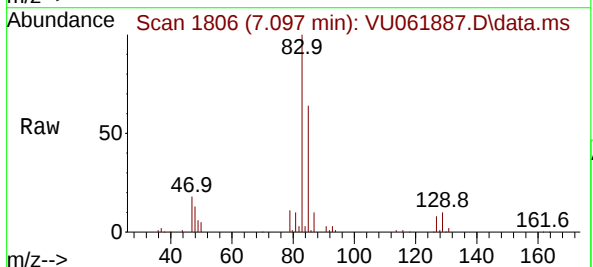
Instrument :
MSVOA_U
ClientSampleId :

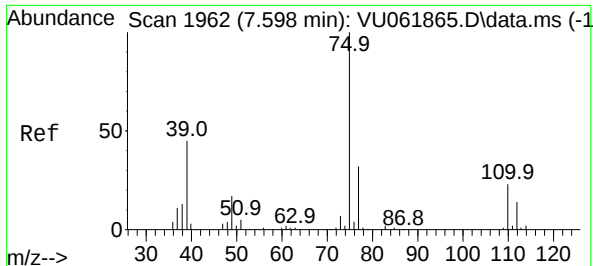
Tgt Ion: 63 Resp: 67544
Ion Ratio Lower Upper
63 100
112 3.8 3.4 5.0



#38
Bromodichloromethane
Concen: 5.115 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU061887.D
Acq: 20 Nov 2024 23:54

Tgt Ion: 83 Resp: 80475
Ion Ratio Lower Upper
83 100
85 64.1 44.1 81.9
127 7.7 6.9 10.3

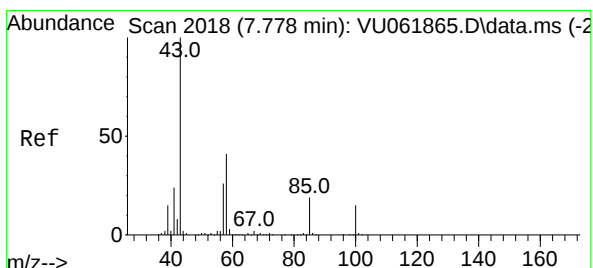
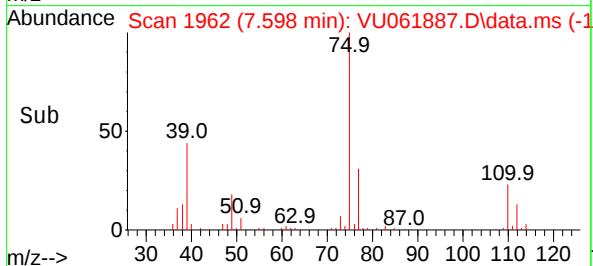
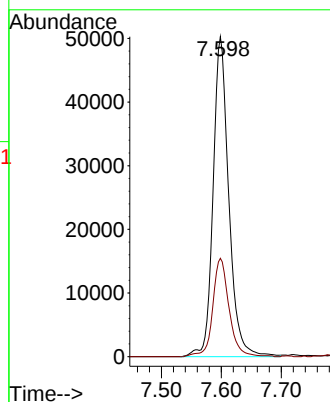
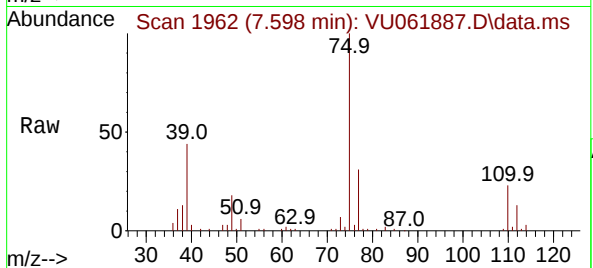




#39
 cis-1,3-Dichloropropene
 Concen: 5.031 ug/L
 RT: 7.598 min Scan# 1962
 Delta R.T. -0.000 min
 Lab File: VU061887.D
 Acq: 20 Nov 2024 23:54

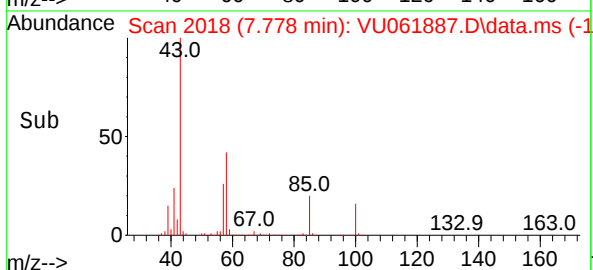
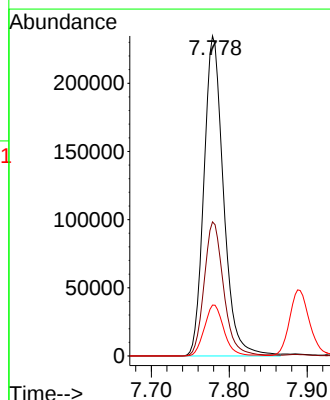
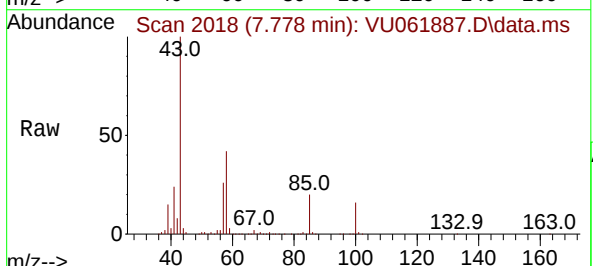
Instrument :
 MSVOA_U
 ClientSampleId :

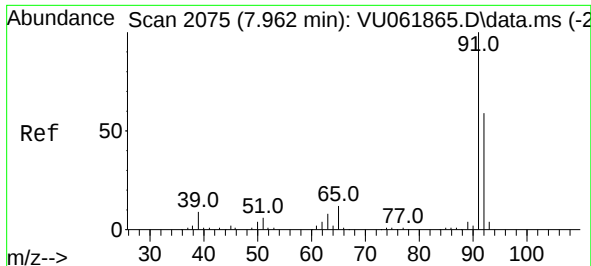
Tgt Ion: 75 Resp: 91516
 Ion Ratio Lower Upper
 75 100
 77 30.8 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 58.619 ug/L
 RT: 7.778 min Scan# 2018
 Delta R.T. -0.000 min
 Lab File: VU061887.D
 Acq: 20 Nov 2024 23:54

Tgt Ion: 43 Resp: 410284
 Ion Ratio Lower Upper
 43 100
 58 41.8 33.3 49.9
 100 15.9 12.4 18.6





#42

Toluene

Concen: 5.007 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU061887.D

Acq: 20 Nov 2024 23:54

Instrument :

MSVOA_U

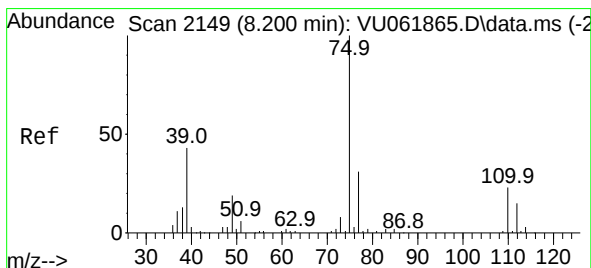
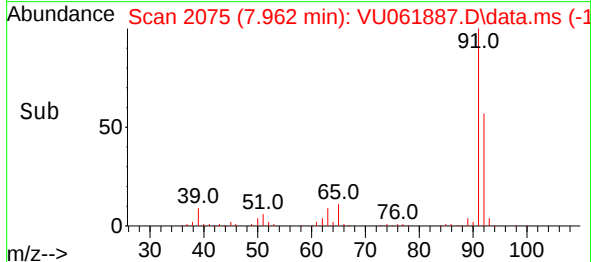
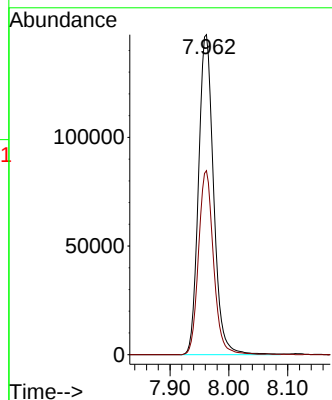
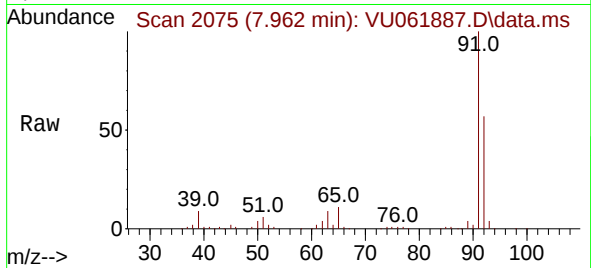
ClientSampleId :

Tgt Ion: 91 Resp: 262333

Ion Ratio Lower Upper

91 100

92 57.5 39.0 72.4



#44

trans-1,3-Dichloropropene

Concen: 5.091 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.003 min

Lab File: VU061887.D

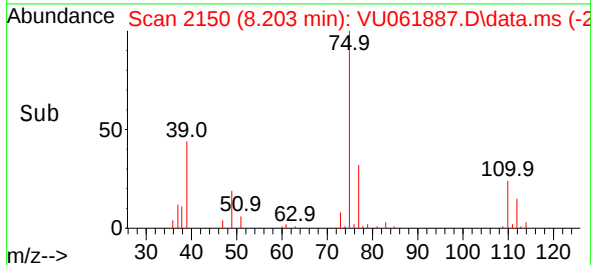
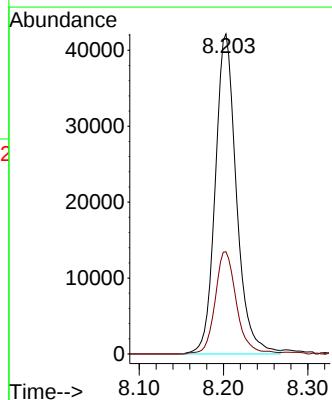
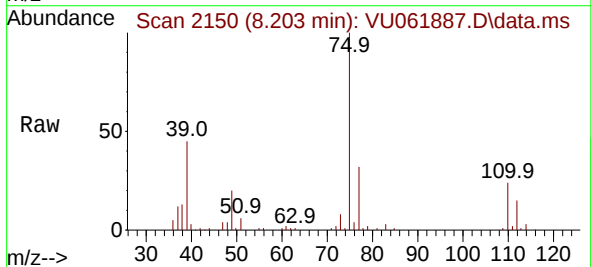
Acq: 20 Nov 2024 23:54

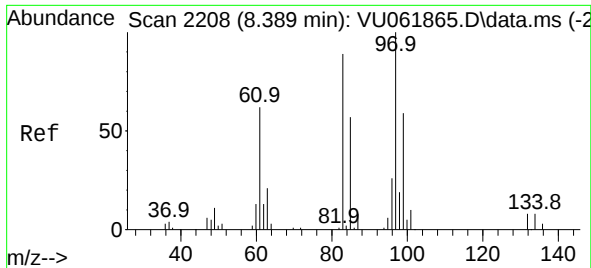
Tgt Ion: 75 Resp: 73535

Ion Ratio Lower Upper

75 100

77 31.9 21.8 40.4



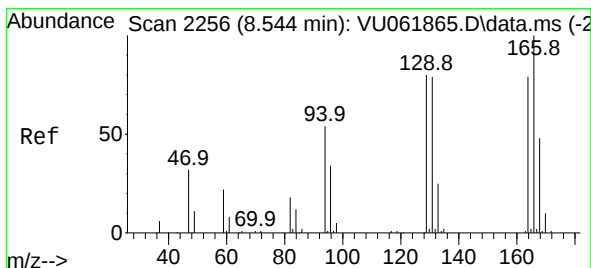
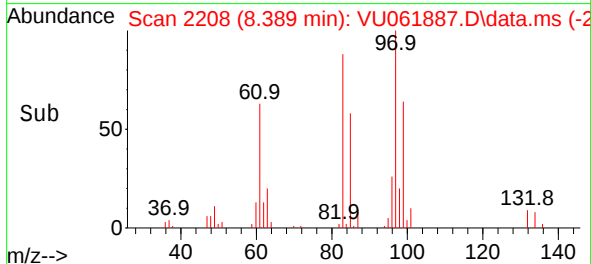
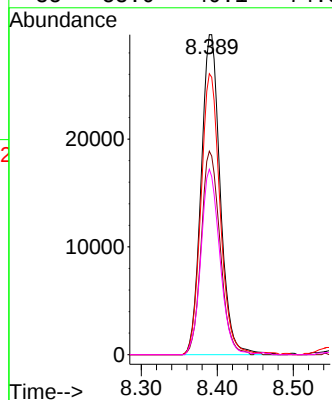
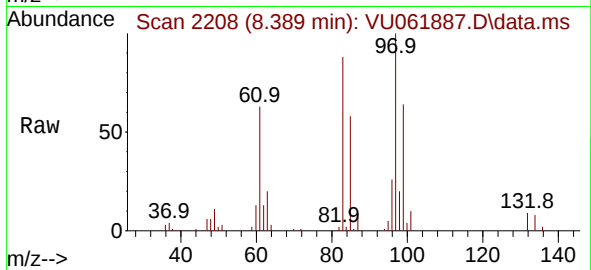


#45
1,1,2-Trichloroethane
Concen: 5.417 ug/L
RT: 8.389 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU061887.D
Acq: 20 Nov 2024 23:54

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 51765

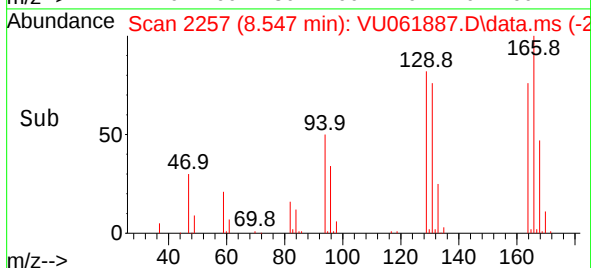
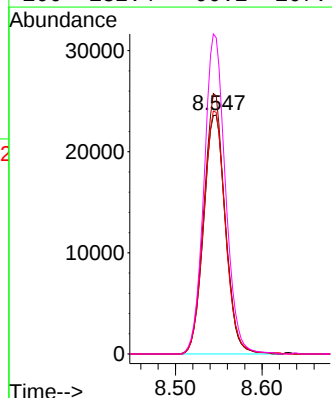
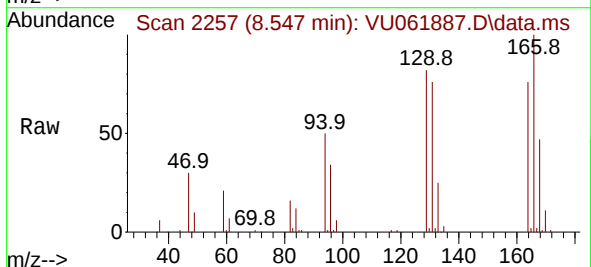
Ion	Ratio	Lower	Upper
97	100		
99	63.6	43.0	79.8
83	87.8	61.7	114.5
85	58.0	40.1	74.5

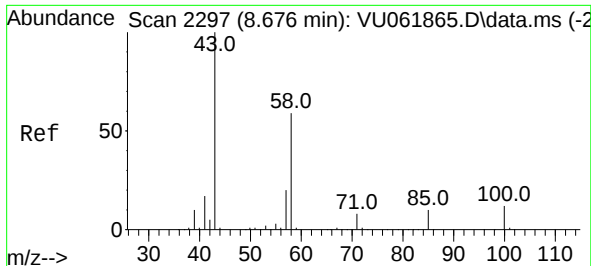


#47
Tetrachloroethene
Concen: 4.275 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.003 min
Lab File: VU061887.D
Acq: 20 Nov 2024 23:54

Tgt Ion: 164 Resp: 41431

Ion	Ratio	Lower	Upper
164	100		
129	108.1	73.2	136.0
131	101.2	72.3	134.3
166	132.4	90.2	167.4





#48

2-Hexanone

Concen: 57.554 ug/L

RT: 8.672 min Scan# 2297

Delta R.T. -0.003 min

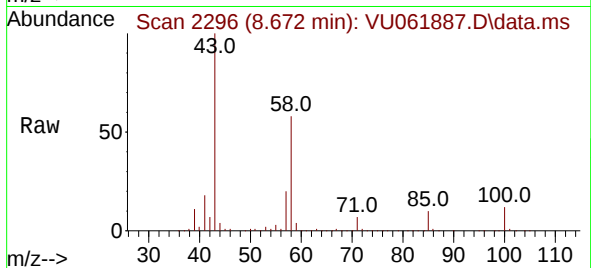
Lab File: VU061887.D

Acq: 20 Nov 2024 23:54

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 301685

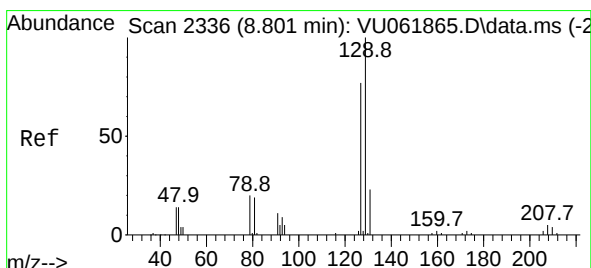
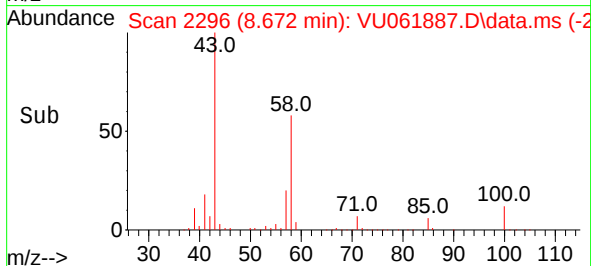
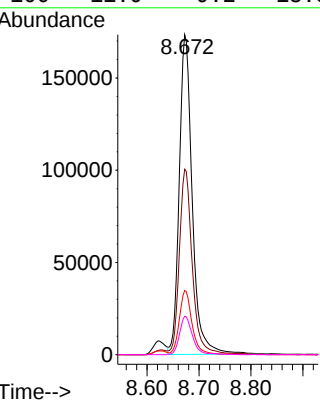
Ion	Ratio	Lower	Upper
-----	-------	-------	-------

43	100		
----	-----	--	--

58	56.8	47.5	71.3
----	------	------	------

57	19.3	15.6	23.4
----	------	------	------

100	11.9	9.2	13.8
-----	------	-----	------



#49

Dibromochloromethane

Concen: 5.013 ug/L

RT: 8.801 min Scan# 2336

Delta R.T. -0.000 min

Lab File: VU061887.D

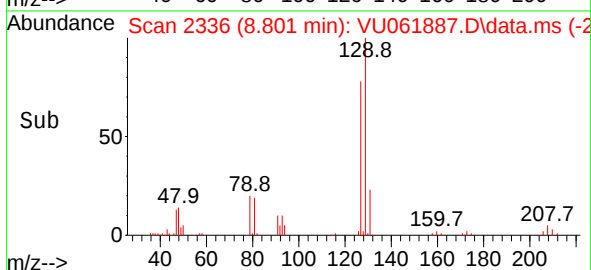
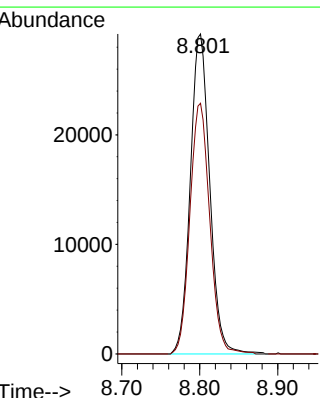
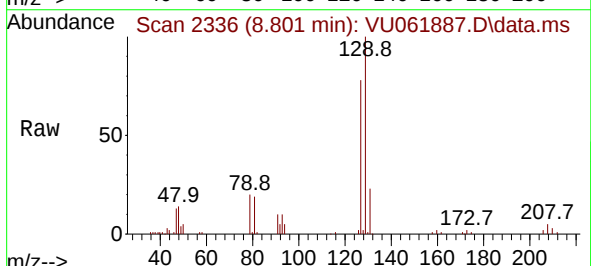
Acq: 20 Nov 2024 23:54

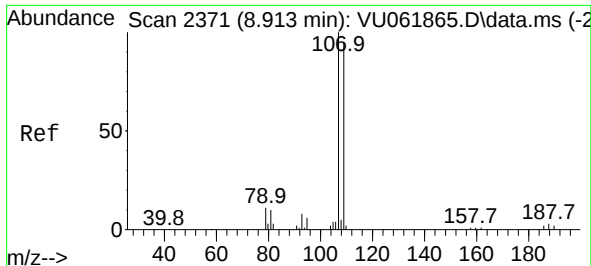
Tgt Ion: 129 Resp: 50606

Ion	Ratio	Lower	Upper
-----	-------	-------	-------

129	100		
-----	-----	--	--

127	78.4	51.1	94.9
-----	------	------	------

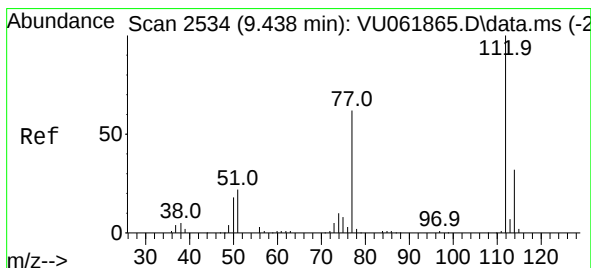
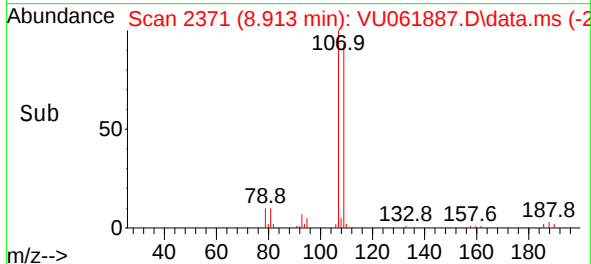
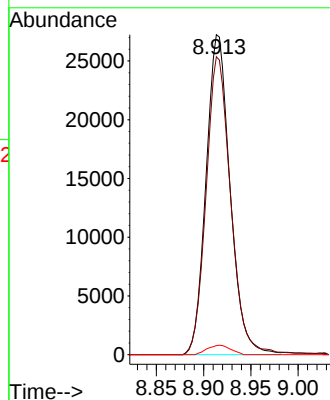
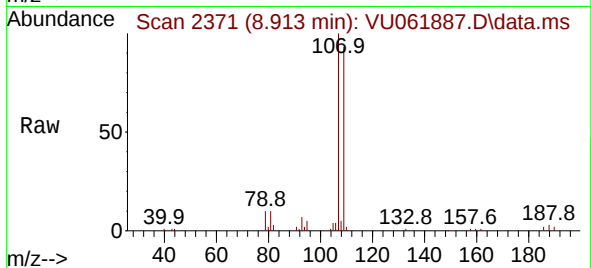




#50
1,2-Dibromoethane
Concen: 5.080 ug/L
RT: 8.913 min Scan# 2371
Delta R.T. -0.000 min
Lab File: VU061887.D
Acq: 20 Nov 2024 23:54

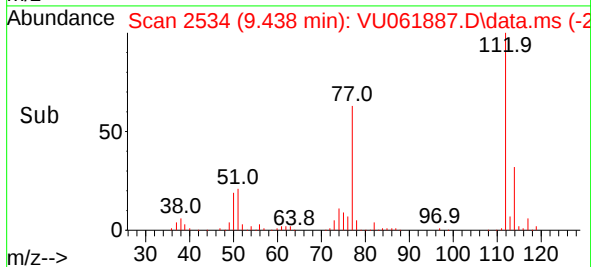
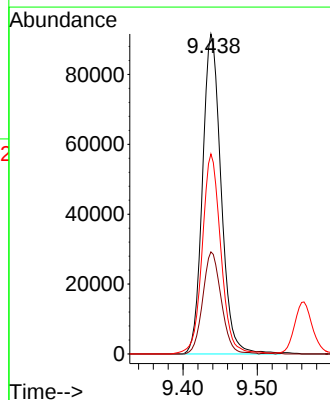
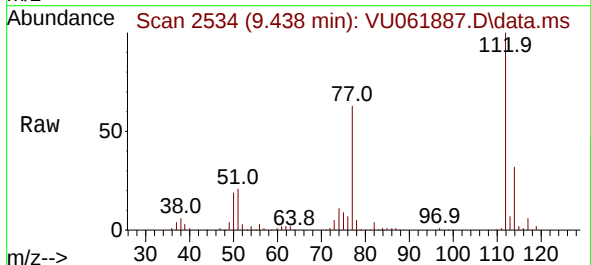
Instrument :
MSVOA_U
ClientSampleId :

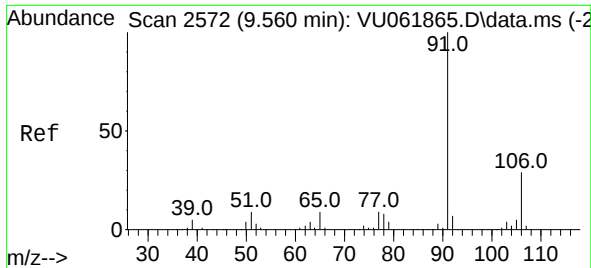
Tgt Ion:107 Resp: 48179
Ion Ratio Lower Upper
107 100
109 93.1 66.8 124.2
188 2.8 2.3 3.5



#51
Chlorobenzene
Concen: 4.428 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. -0.000 min
Lab File: VU061887.D
Acq: 20 Nov 2024 23:54

Tgt Ion:112 Resp: 158923
Ion Ratio Lower Upper
112 100
114 31.9 23.0 42.6
77 62.5 50.5 75.7





#52

Ethylbenzene

Concen: 4.233 ug/L

RT: 9.563 min Scan# 2572

Delta R.T. 0.003 min

Lab File: VU061887.D

Acq: 20 Nov 2024 23:54

Instrument :

MSVOA_U

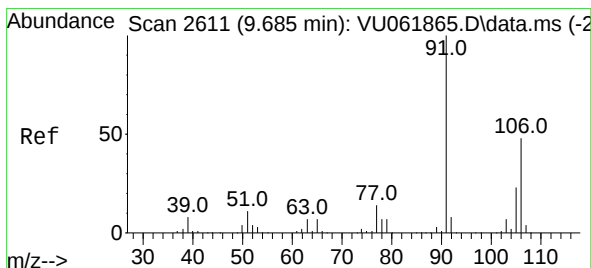
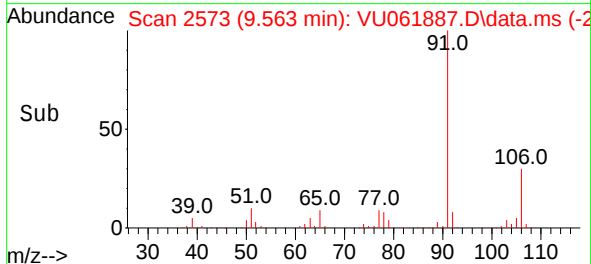
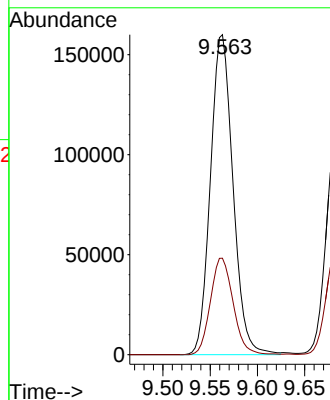
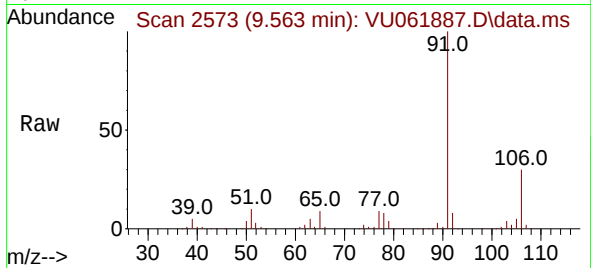
ClientSampleId :

Tgt Ion: 91 Resp: 265420

Ion Ratio Lower Upper

91 100

106 30.1 21.6 40.0



#53

m,p-Xylene

Concen: 4.511 ug/L

RT: 9.685 min Scan# 2611

Delta R.T. -0.000 min

Lab File: VU061887.D

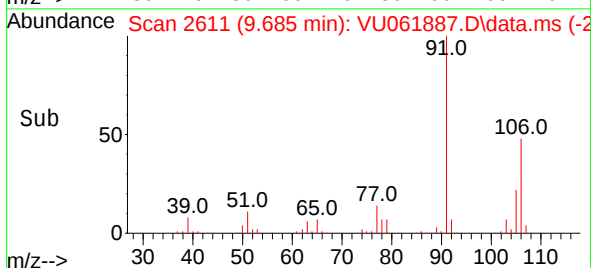
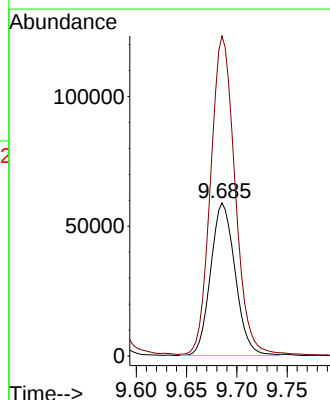
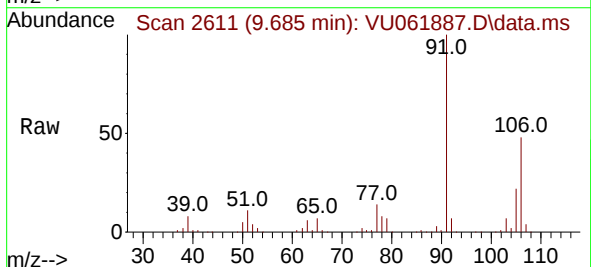
Acq: 20 Nov 2024 23:54

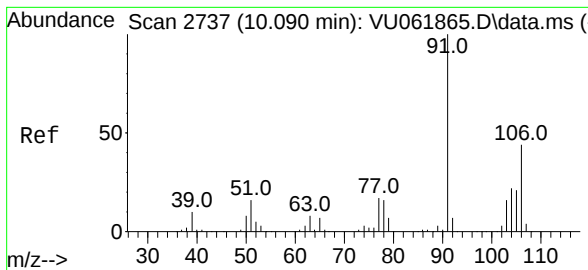
Tgt Ion:106 Resp: 99811

Ion Ratio Lower Upper

106 100

91 209.3 147.6 274.0

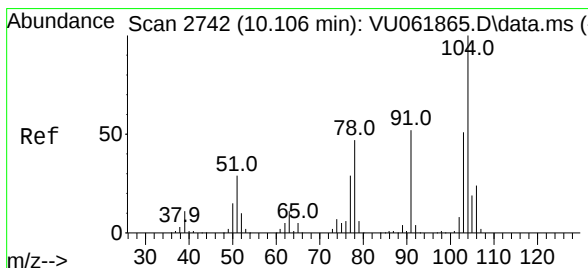
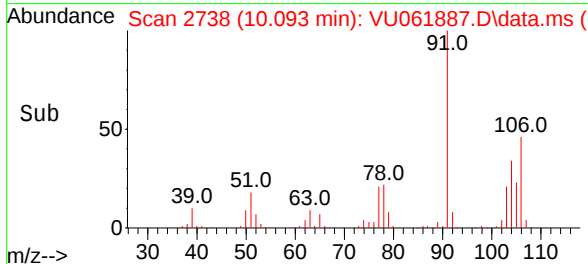
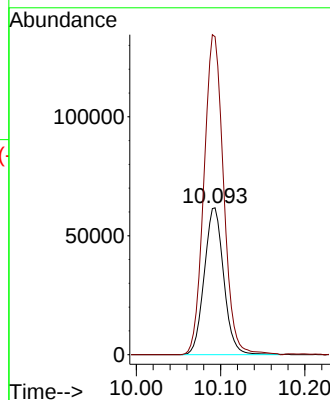
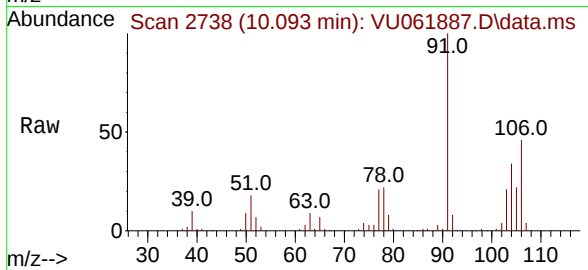




#54
o-Xylene
Concen: 4.452 ug/L
RT: 10.093 min Scan# 2737
Delta R.T. 0.003 min
Lab File: VU061887.D
Acq: 20 Nov 2024 23:54

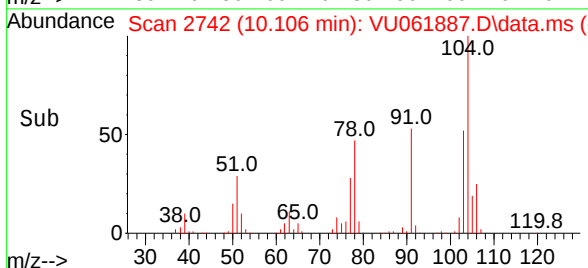
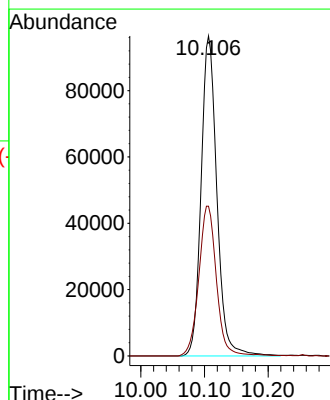
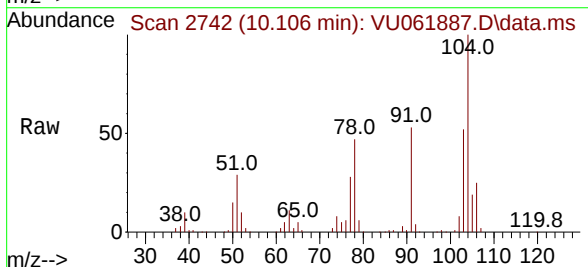
Instrument :
MSVOA_U
ClientSampleId :

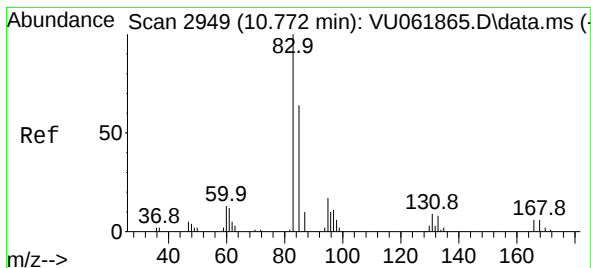
Tgt Ion:106 Resp: 99433
Ion Ratio Lower Upper
106 100
91 216.4 159.8 296.8



#55
Styrene
Concen: 4.515 ug/L
RT: 10.106 min Scan# 2742
Delta R.T. -0.000 min
Lab File: VU061887.D
Acq: 20 Nov 2024 23:54

Tgt Ion:104 Resp: 166143
Ion Ratio Lower Upper
104 100
78 46.8 33.2 61.7





#57

1,1,2,2-Tetrachloroethane

Concen: 5.222 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. -0.000 min

Lab File: VU061887.D

Acq: 20 Nov 2024 23:54

Instrument :

MSVOA_U

ClientSampleId :

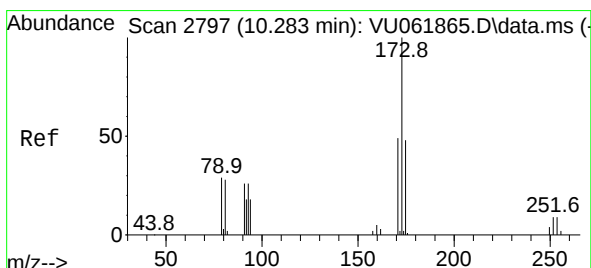
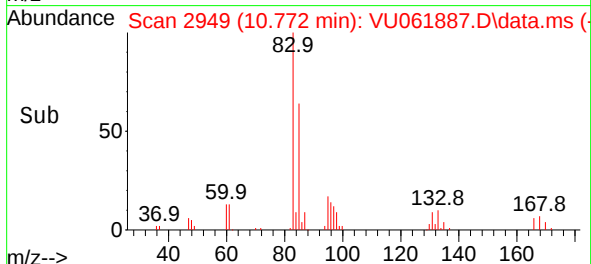
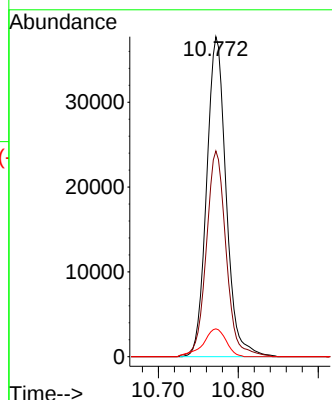
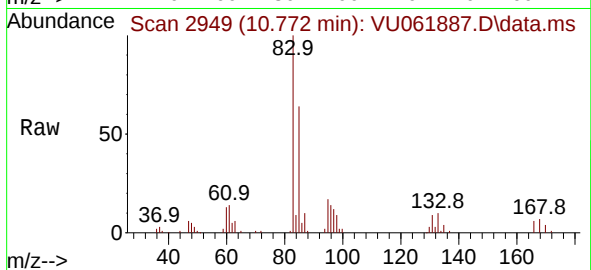
Tgt Ion: 83 Resp: 63947

Ion Ratio Lower Upper

83 100

85 64.3 44.4 82.4

131 8.7 7.3 10.9



#59

Bromoform

Concen: 4.635 ug/L

RT: 10.280 min Scan# 2796

Delta R.T. -0.003 min

Lab File: VU061887.D

Acq: 20 Nov 2024 23:54

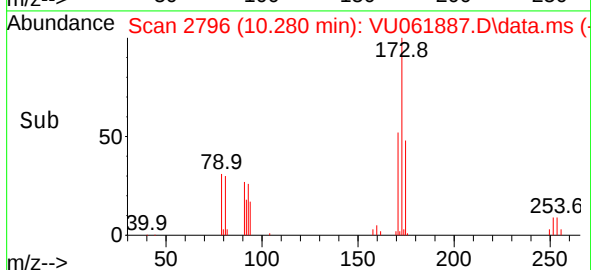
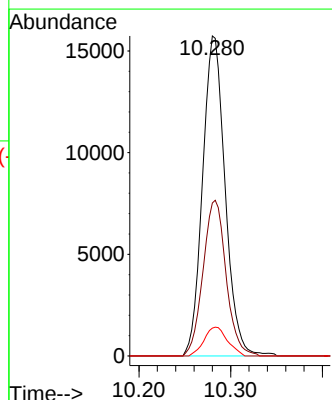
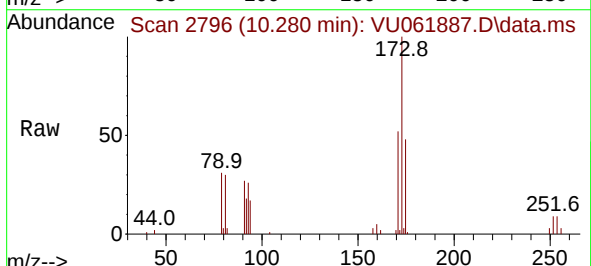
Tgt Ion:173 Resp: 26877

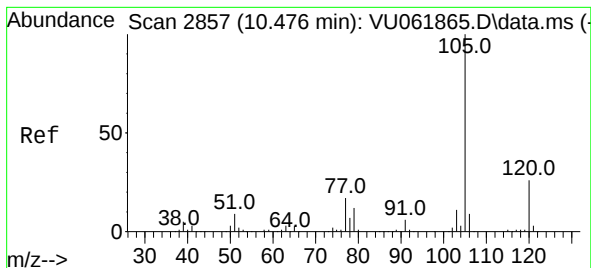
Ion Ratio Lower Upper

173 100

175 49.7 39.0 58.4

254 9.3 7.4 11.0





#60

Isopropylbenzene

Concen: 4.627 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. -0.000 min

Lab File: VU061887.D

Acq: 20 Nov 2024 23:54

Instrument :

MSVOA_U

ClientSampleId :

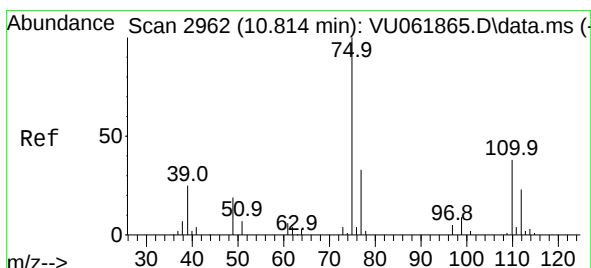
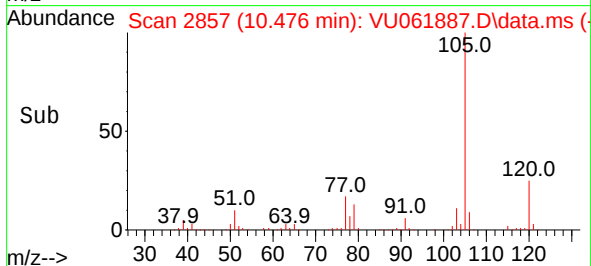
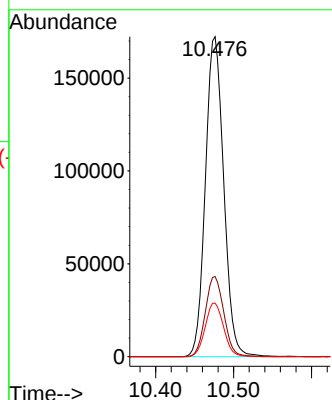
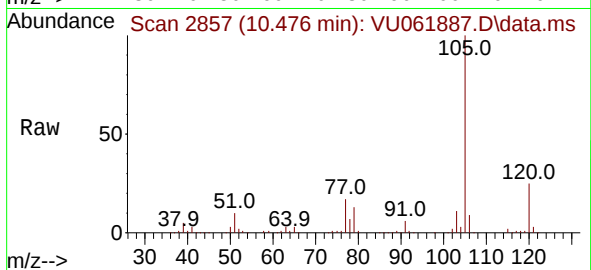
Tgt Ion:105 Resp: 281376

Ion Ratio Lower Upper

105 100

120 25.3 20.6 31.0

77 16.9 13.0 19.6



#61

1,2,3-Trichloropropane

Concen: 5.011 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. -0.000 min

Lab File: VU061887.D

Acq: 20 Nov 2024 23:54

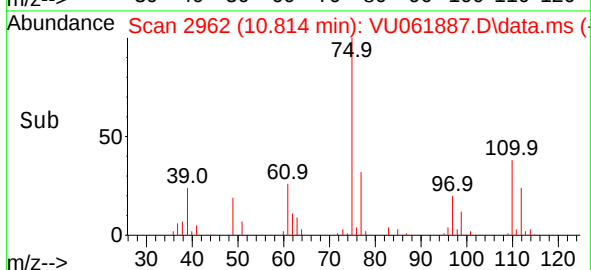
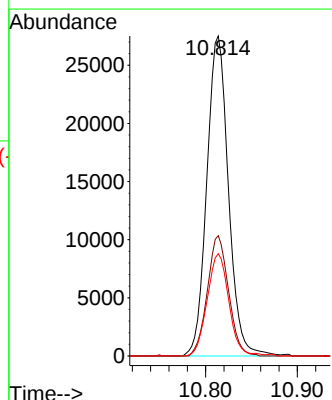
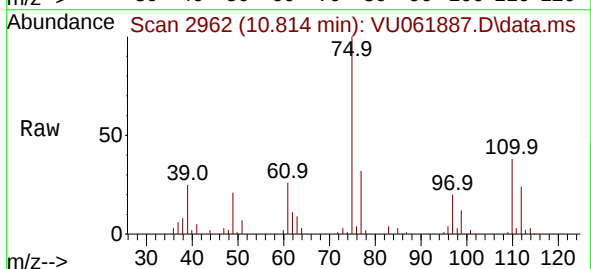
Tgt Ion: 75 Resp: 45180

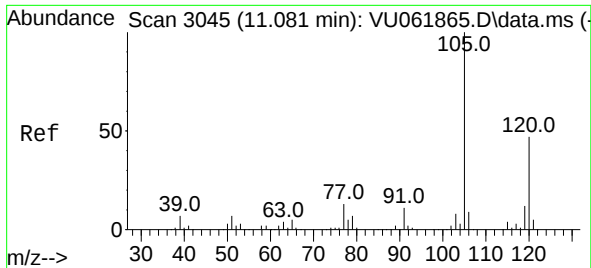
Ion Ratio Lower Upper

75 100

110 36.7 28.9 43.3

77 32.0 26.5 39.7





#62

1,3,5-Trimethylbenzene

Concen: 4.054 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. -0.000 min

Lab File: VU061887.D

Acq: 20 Nov 2024 23:54

Instrument :

MSVOA_U

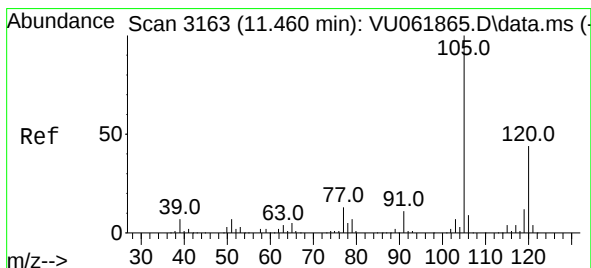
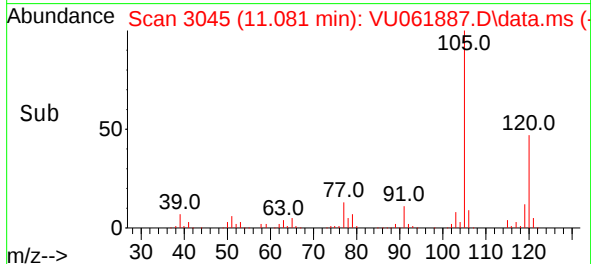
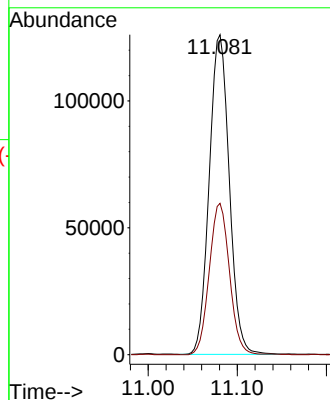
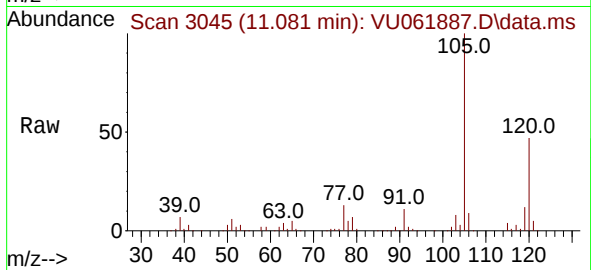
ClientSampleId :

Tgt Ion:105 Resp: 196696

Ion Ratio Lower Upper

105 100

120 47.8 36.7 55.1



#63

1,2,4-Trimethylbenzene

Concen: 4.111 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.000 min

Lab File: VU061887.D

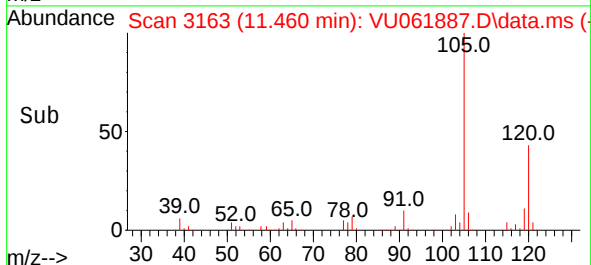
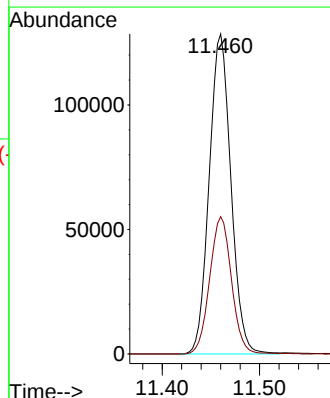
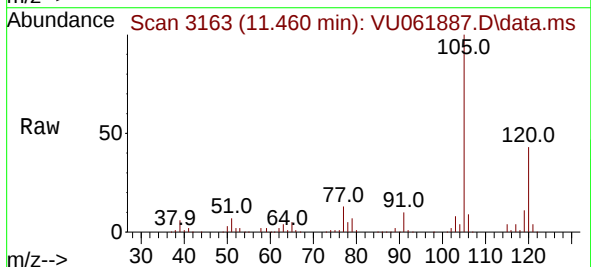
Acq: 20 Nov 2024 23:54

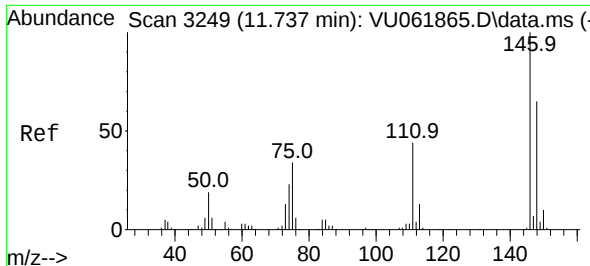
Tgt Ion:105 Resp: 198848

Ion Ratio Lower Upper

105 100

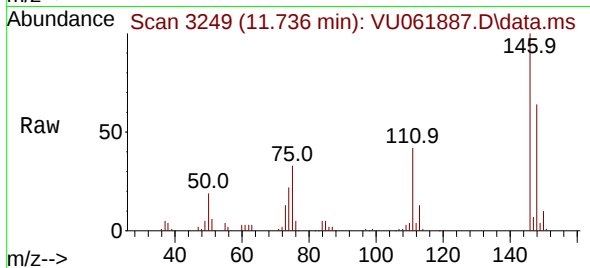
120 43.1 34.7 52.1



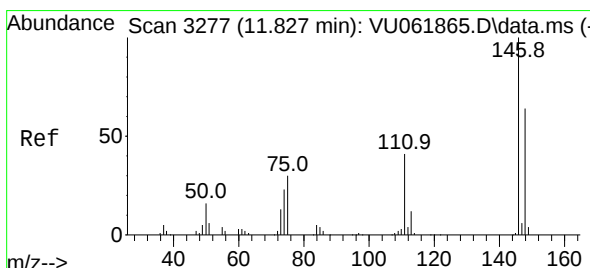
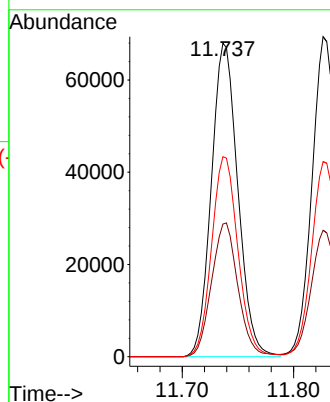
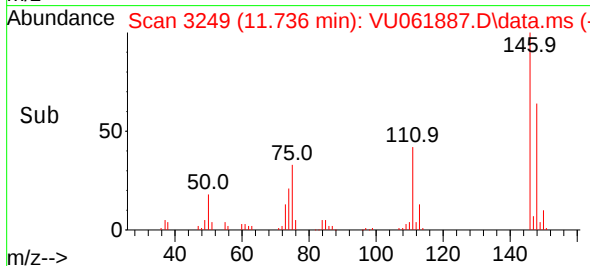


#64
1,3-Dichlorobenzene
Concen: 4.163 ug/L
RT: 11.736 min Scan# 3249
Delta R.T. -0.000 min
Lab File: VU061887.D
Acq: 20 Nov 2024 23:54

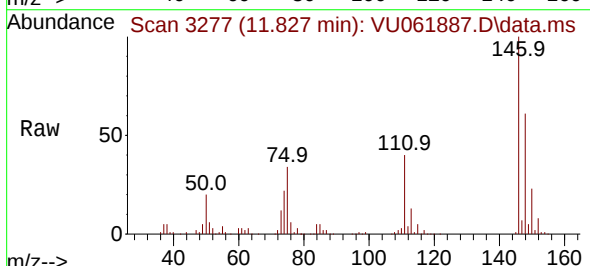
Instrument :
MSVOA_U
ClientSampleId :



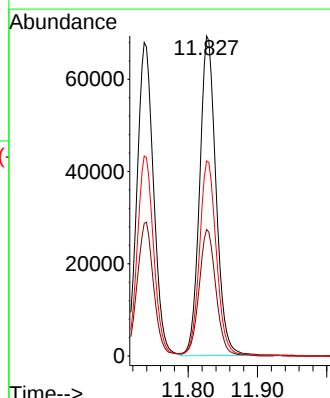
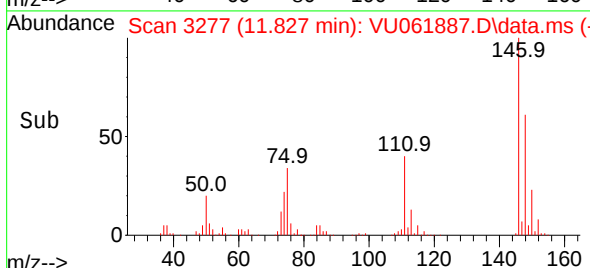
Tgt Ion:146 Resp: 112380
Ion Ratio Lower Upper
146 100
111 42.3 30.7 57.1
148 63.8 45.1 83.7

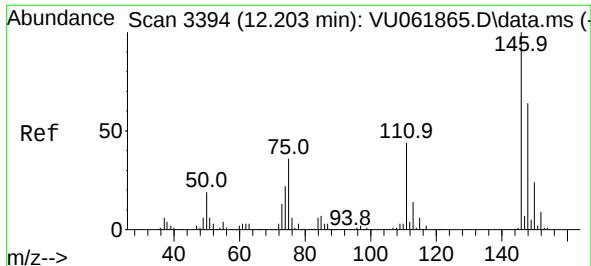


#65
1,4-Dichlorobenzene
Concen: 4.365 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. -0.000 min
Lab File: VU061887.D
Acq: 20 Nov 2024 23:54



Tgt Ion:146 Resp: 114064
Ion Ratio Lower Upper
146 100
111 39.5 29.3 54.3
148 60.9 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 4.667 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. -0.000 min

Lab File: VU061887.D

Acq: 20 Nov 2024 23:54

Instrument :

MSVOA_U

ClientSampleId :

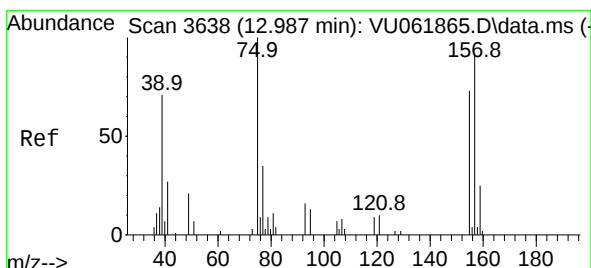
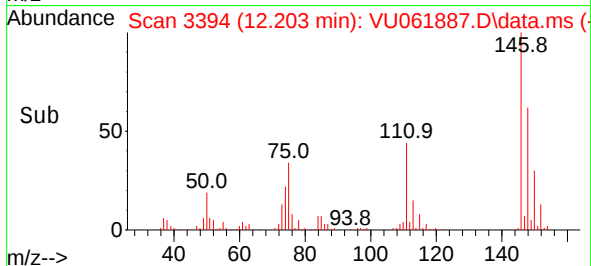
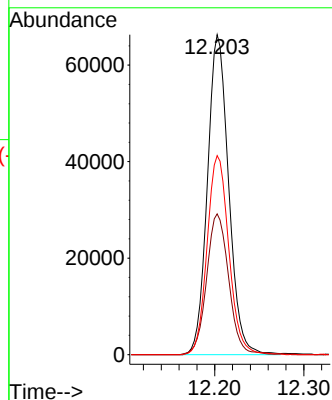
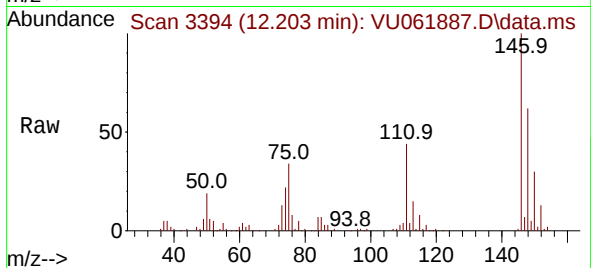
Tgt Ion:146 Resp: 109584

Ion Ratio Lower Upper

146 100

111 44.0 36.0 54.0

148 62.2 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 6.481 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.000 min

Lab File: VU061887.D

Acq: 20 Nov 2024 23:54

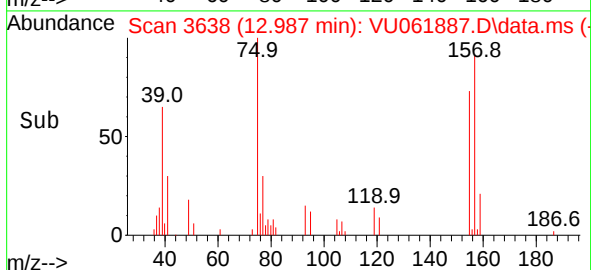
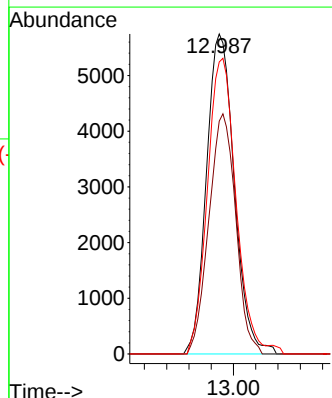
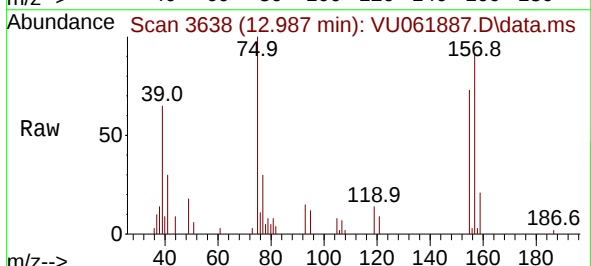
Tgt Ion: 75 Resp: 9973

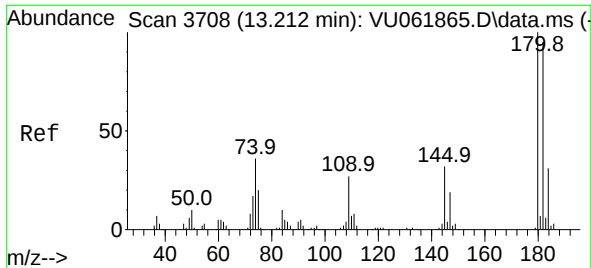
Ion Ratio Lower Upper

75 100

155 72.7 55.2 82.8

157 91.3 73.5 110.3





#69

1,3,5-Trichlorobenzene

Concen: 5.343 ug/L

RT: 13.212 min Scan# 31

Delta R.T. -0.000 min

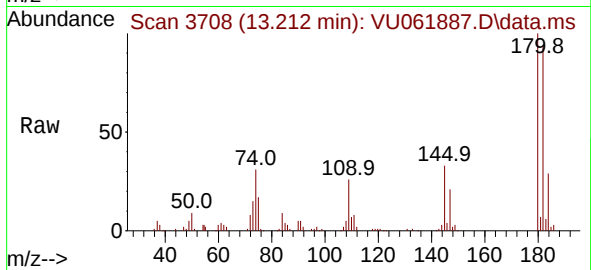
Lab File: VU061887.D

Acq: 20 Nov 2024 23:54

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 85825

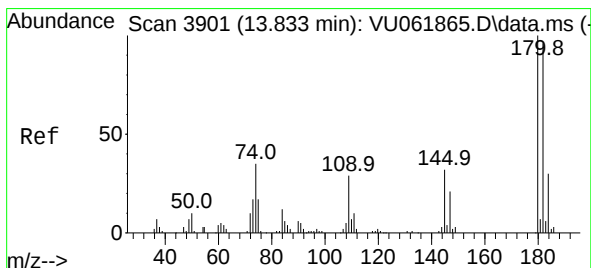
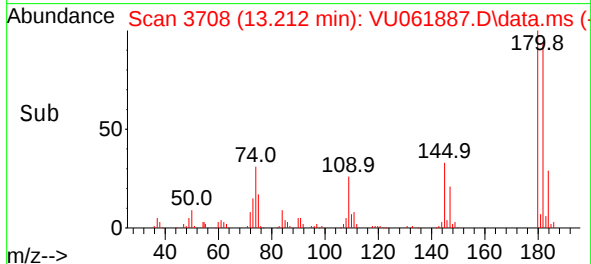
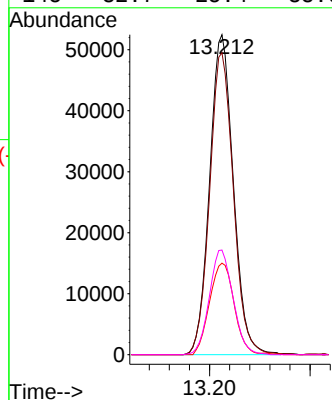
Ion Ratio Lower Upper

180 100

182 94.7 76.7 115.1

184 29.9 24.8 37.2

145 32.7 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 4.526 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU061887.D

Acq: 20 Nov 2024 23:54

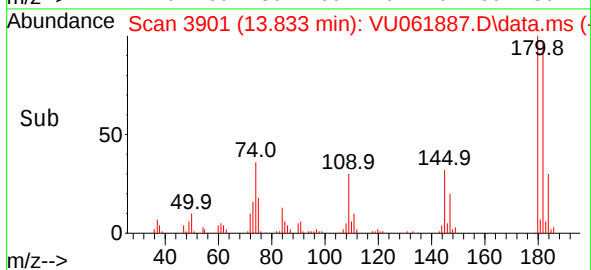
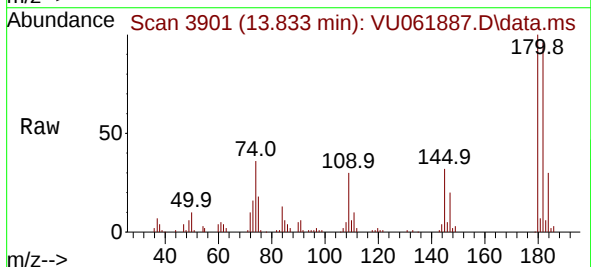
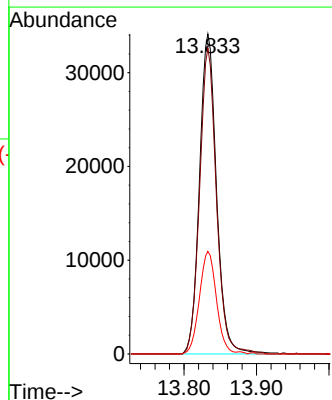
Tgt Ion:180 Resp: 55726

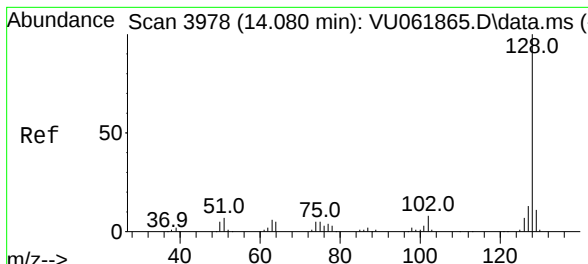
Ion Ratio Lower Upper

180 100

182 94.1 74.5 111.7

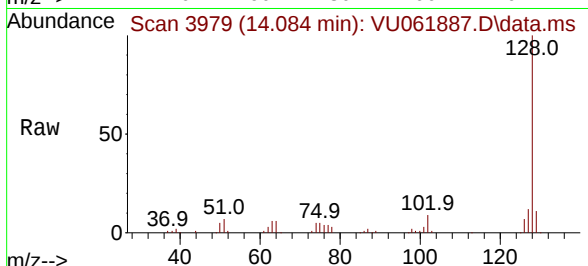
145 31.9 25.6 38.4



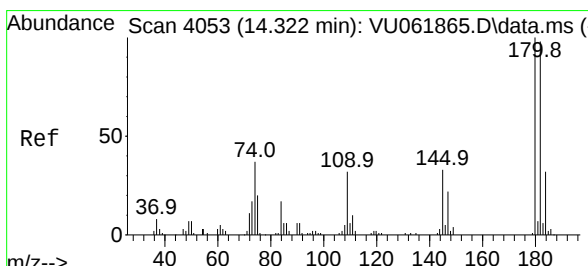
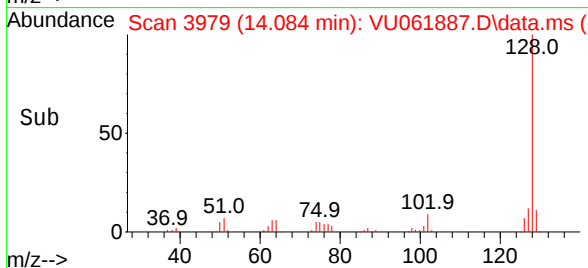
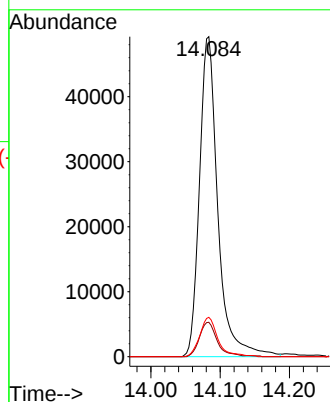


#71
Naphthalene
Concen: 4.579 ug/L
RT: 14.084 min Scan# 3978
Delta R.T. 0.003 min
Lab File: VU061887.D
Acq: 20 Nov 2024 23:54

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 90863
Ion Ratio Lower Upper
128 100
129 10.4 8.5 12.7
127 12.2 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.578 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU061887.D
Acq: 20 Nov 2024 23:54

Tgt Ion:180 Resp: 48545
Ion Ratio Lower Upper
180 100
182 96.6 76.1 114.1
145 34.6 27.4 41.0

