

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112024\
 Data File : VU061865.D
 Acq On : 20 Nov 2024 14:08
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 21 01:12:43 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	177430	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	164407	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	78792	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	42635	4.899	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.000%
7) Chloroethane-d5	1.907	69	38677	5.024	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.400%
11) 1,1-Dichloroethene-d2	2.560	65	18591	5.347	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	107.000%
20) 2-Butanone-d5	4.615	46	136910	50.095	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.180%
24) Chloroform-d	5.052	84	109020	5.135	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.600%
26) 1,2-Dichloroethane-d4	5.692	65	53727	4.917	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
32) Benzene-d6	5.717	84	182472	5.696	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.000%
36) 1,2-Dichloropropane-d6	6.682	67	63193	5.806	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	116.200%
41) Toluene-d8	7.888	98	157581	5.898	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	118.000%
43) trans-1,3-Dichloroprop...	8.174	79	23363	5.798	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	116.000%
46) 2-Hexanone-d5	8.624	63	94655	51.466	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.940%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	55805	5.131	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.600%
66) 1,2-Dichlorobenzene-d4	12.183	152	63482	5.449	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	77989	5.024	ug/L	99
3) Chloromethane	1.515	50	78673	4.917	ug/L	98
5) Vinyl chloride	1.599	62	82360	5.010	ug/L	99
6) Bromomethane	1.849	94	50642	5.175	ug/L	100
8) Chloroethane	1.927	64	49105	4.633	ug/L	98
9) Trichlorofluoromethane	2.132	101	106999	5.146	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	65041	5.083	ug/L	98
12) 1,1-Dichloroethene	2.573	96	60330	5.070	ug/L	94
13) Acetone	2.621	43	89939	47.663	ug/L	97
14) Carbon disulfide	2.785	76	193263	5.106	ug/L	100
15) Methyl Acetate	2.946	43	23368	4.823	ug/L	99
16) Methylene chloride	3.036	84	69843	4.888	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	151700	4.974	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	64388	5.119	ug/L	98
19) 1,1-Dichloroethane	3.859	63	124094	5.064	ug/L	98
21) 2-Butanone	4.692	43	152859	50.123	ug/L	99
22) cis-1,2-Dichloroethene	4.656	96	72805	5.143	ug/L	98
23) Bromochloromethane	4.965	128	30937	5.027	ug/L	97
25) Chloroform	5.078	83	130310	5.088	ug/L	99

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 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 21 01:12:43 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

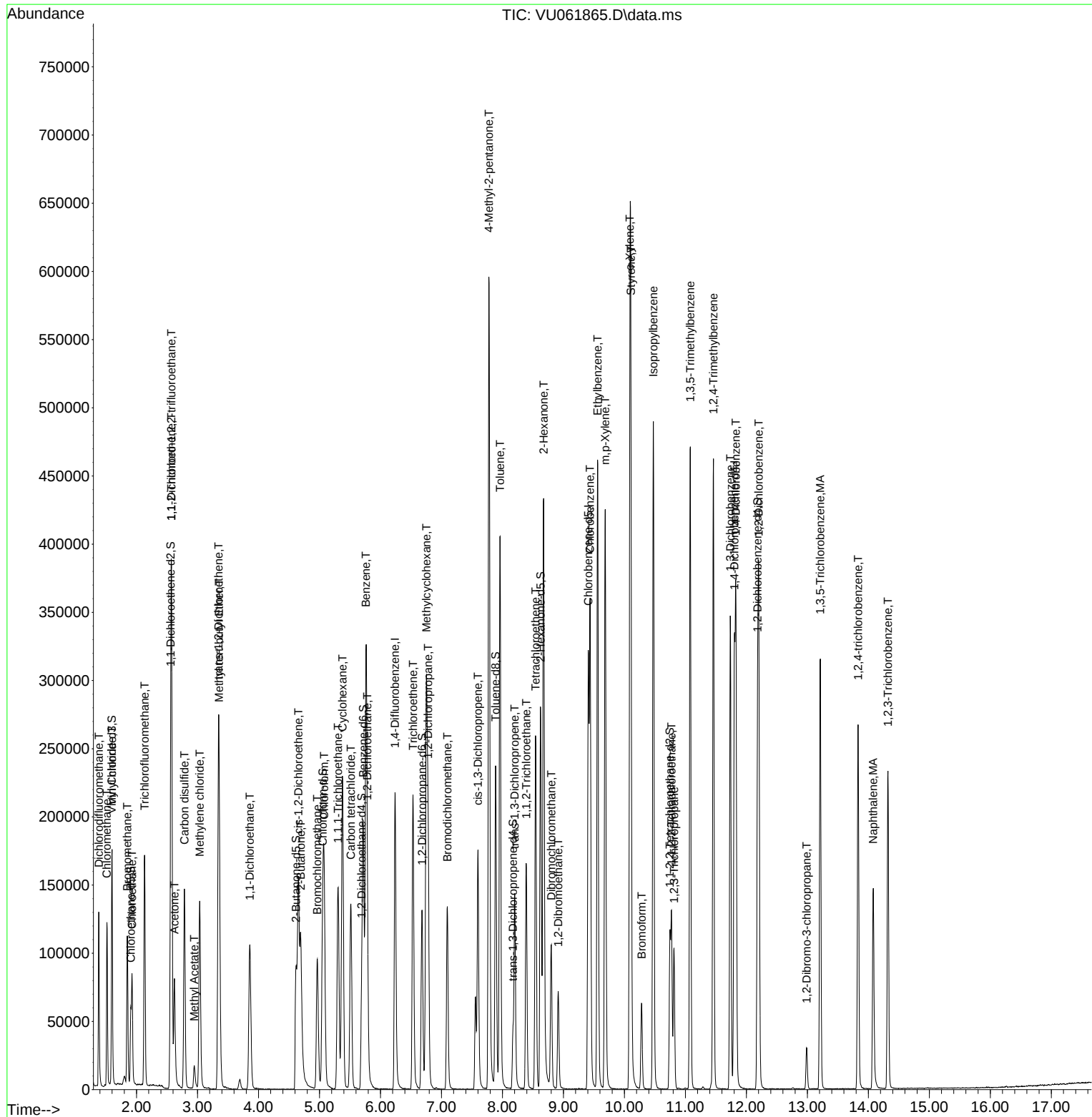
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	81879	4.969	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	108468	5.724	ug/L	100
30) Cyclohexane	5.377	56	114642	5.784	ug/L	98
31) Carbon tetrachloride	5.515	117	93432	5.807	ug/L	98
33) Benzene	5.762	78	285438	5.749	ug/L	100
34) Trichloroethene	6.534	95	76356	5.762	ug/L	99
35) Methylcyclohexane	6.753	83	117289	5.786	ug/L	99
37) 1,2-Dichloropropane	6.782	63	73737	5.716	ug/L	99
38) Bromodichloromethane	7.097	83	89621	5.729	ug/L	98
39) cis-1,3-Dichloropropene	7.598	75	102875	5.688	ug/L	100
40) 4-Methyl-2-pentanone	7.778	43	382851	55.008	ug/L	100
42) Toluene	7.962	91	301606	5.789	ug/L	95
44) trans-1,3-Dichloropropene	8.200	75	81972	5.707	ug/L	100
45) 1,1,2-Trichloroethane	8.389	97	51958	5.468	ug/L	98
47) Tetrachloroethene	8.544	164	53919	5.595	ug/L	97
48) 2-Hexanone	8.676	43	269731	51.748	ug/L	98
49) Dibromochloromethane	8.801	129	53582	5.337	ug/L	96
50) 1,2-Dibromoethane	8.913	107	47688	5.056	ug/L	100
51) Chlorobenzene	9.438	112	183564	5.144	ug/L	99
52) Ethylbenzene	9.560	91	331654	5.319	ug/L	97
53) m,p-Xylene	9.685	106	121435	5.519	ug/L	97
54) o-Xylene	10.090	106	117877	5.308	ug/L	98
55) Styrene	10.106	104	195903	5.354	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	61640	5.062	ug/L	99
59) Bromoform	10.283	173	27879	4.760	ug/L	99
60) Isopropylbenzene	10.476	105	319246	5.196	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	42582	4.675	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	256523	5.234	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	250757	5.132	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	136022	4.987	ug/L	100
65) 1,4-Dichlorobenzene	11.827	146	135439	5.131	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	126104	5.316	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	8384	5.393	ug/L	98
69) 1,3,5-Trichlorobenzene	13.212	180	93745	5.777	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	77720	6.249	ug/L	98
71) Naphthalene	14.080	128	129080	6.439	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	67249	6.278	ug/L	100

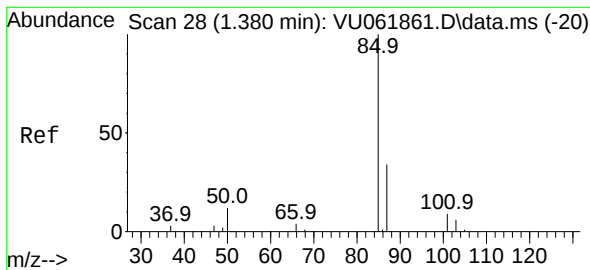
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Data File : VU061865.D
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Nov 21 01:12:43 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

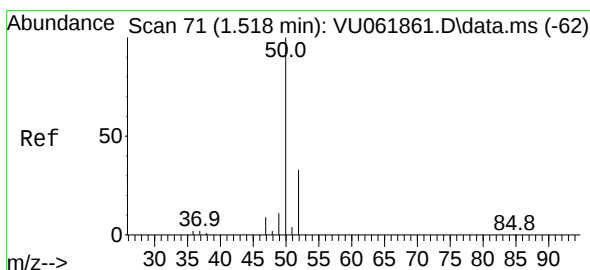
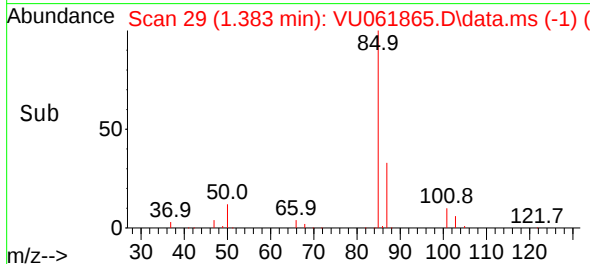
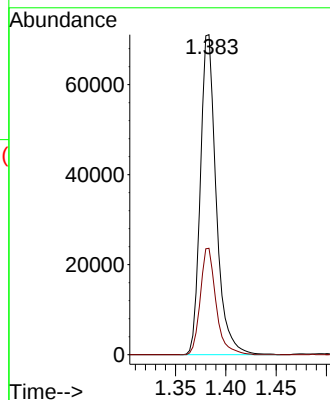
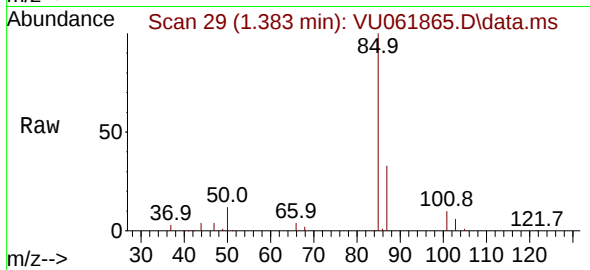




#2
 Dichlorodifluoromethane
 Concen: 5.024 ug/L
 RT: 1.383 min Scan# 20
 Delta R.T. 0.003 min
 Lab File: VU061865.D
 Acq: 20 Nov 2024 14:08

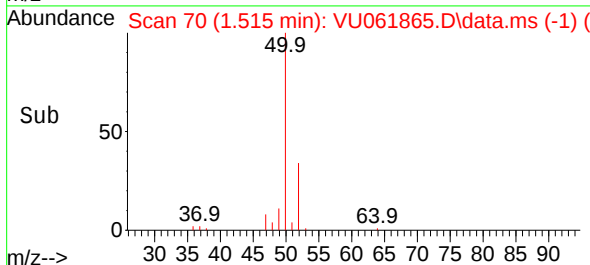
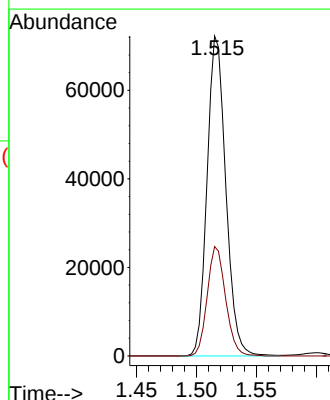
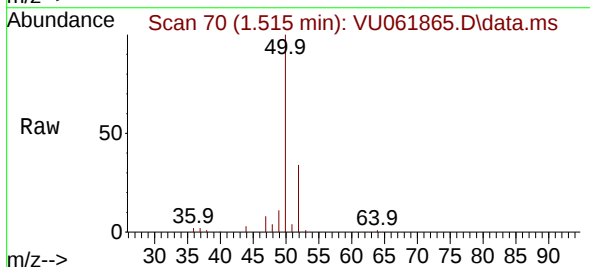
Instrument :
 MSVOA_U
 ClientSampleId :

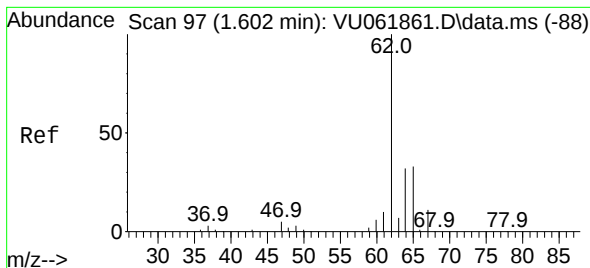
Tgt Ion: 85 Resp: 77989
 Ion Ratio Lower Upper
 85 100
 87 33.0 26.6 40.0



#3
 Chloromethane
 Concen: 4.917 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.003 min
 Lab File: VU061865.D
 Acq: 20 Nov 2024 14:08

Tgt Ion: 50 Resp: 78673
 Ion Ratio Lower Upper
 50 100
 52 34.2 23.1 42.9





#5

Vinyl chloride

Concen: 5.010 ug/L

RT: 1.599 min Scan# 90

Delta R.T. -0.003 min

Lab File: VU061865.D

Acq: 20 Nov 2024 14:08

Instrument :

MSVOA_U

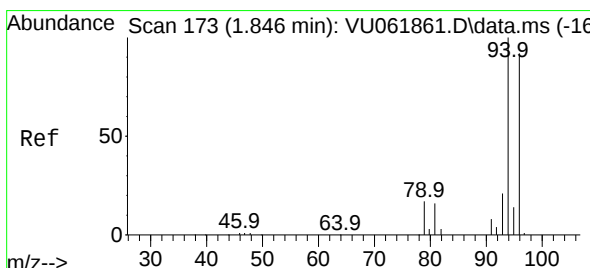
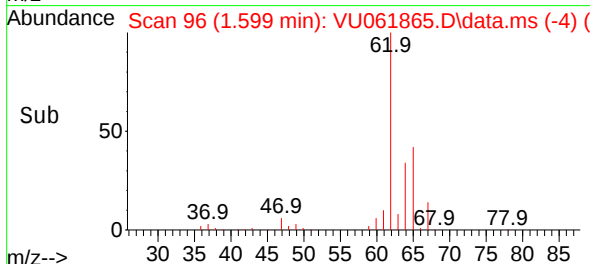
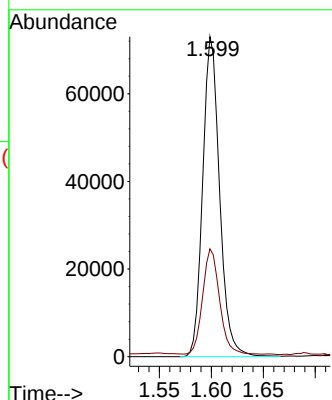
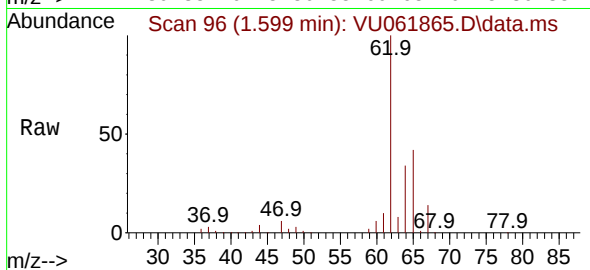
ClientSampleId :

Tgt Ion: 62 Resp: 82360

Ion Ratio Lower Upper

62 100

64 33.7 23.1 42.9



#6

Bromomethane

Concen: 5.175 ug/L

RT: 1.849 min Scan# 174

Delta R.T. 0.003 min

Lab File: VU061865.D

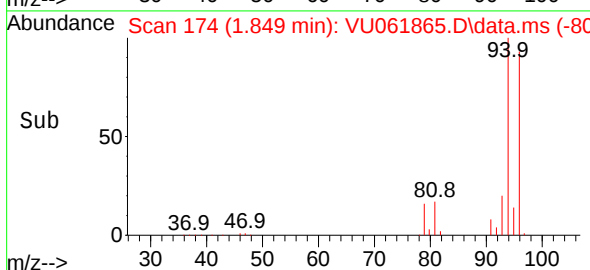
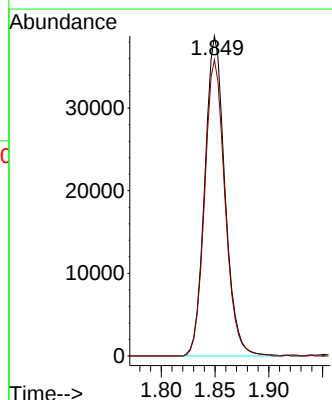
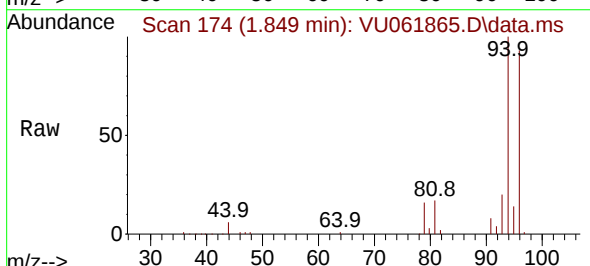
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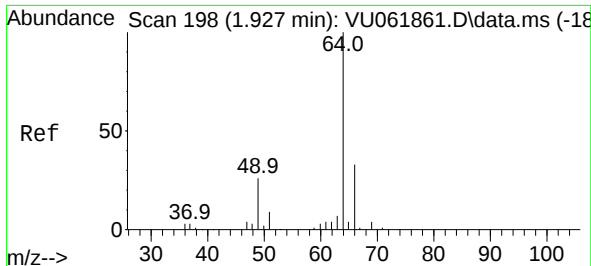
Tgt Ion: 94 Resp: 50642

Ion Ratio Lower Upper

94 100

96 92.6 64.5 119.9

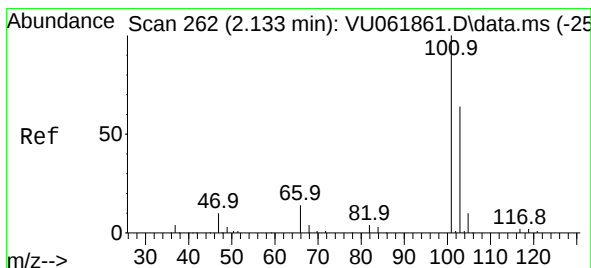
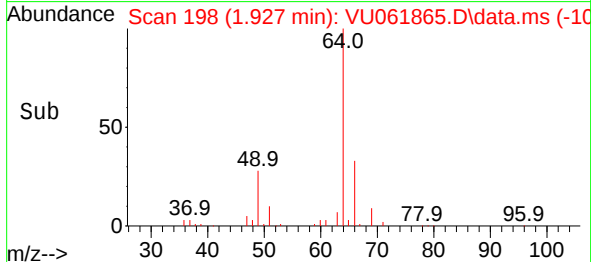
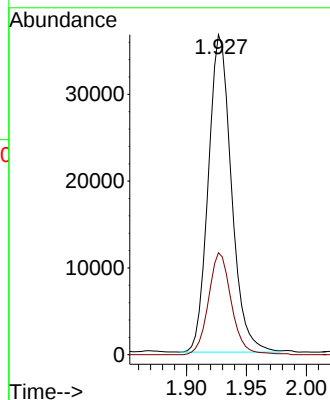
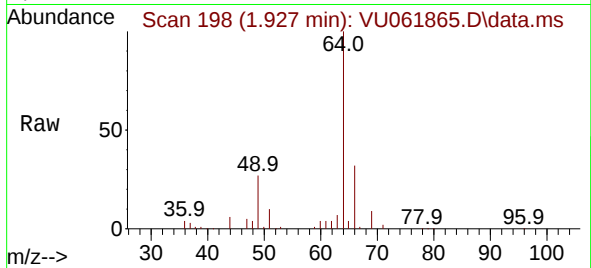




#8
Chloroethane
Concen: 4.633 ug/L
RT: 1.927 min Scan# 198
Delta R.T. -0.000 min
Lab File: VU061865.D
Acq: 20 Nov 2024 14:08

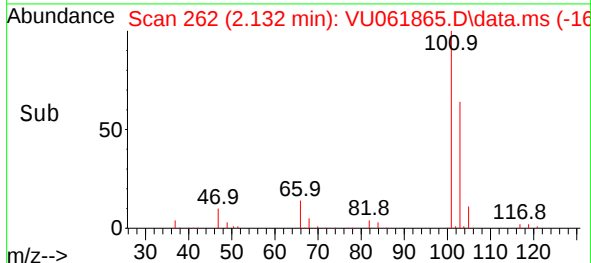
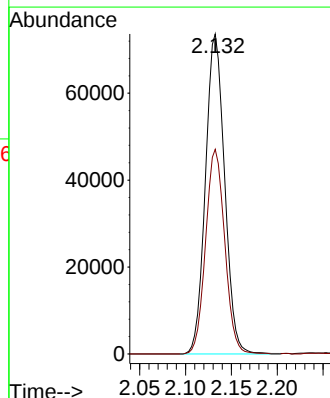
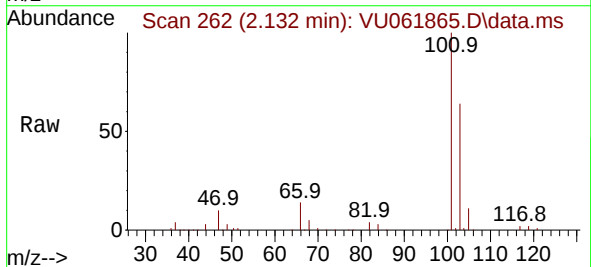
Instrument :
MSVOA_U
ClientSampleId :

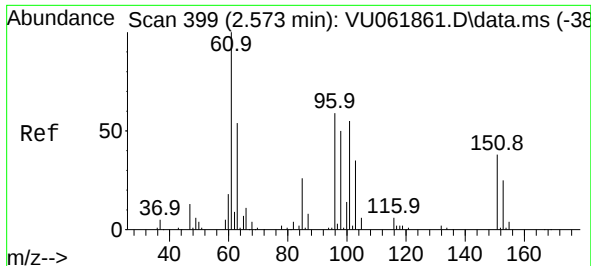
Tgt Ion: 64 Resp: 49105
Ion Ratio Lower Upper
64 100
66 31.8 23.2 43.2



#9
Trichlorofluoromethane
Concen: 5.146 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU061865.D
Acq: 20 Nov 2024 14:08

Tgt Ion:101 Resp: 106999
Ion Ratio Lower Upper
101 100
103 63.8 50.6 75.8

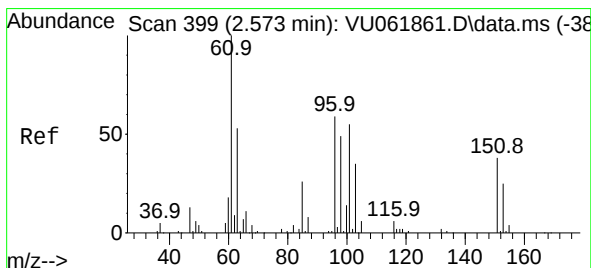
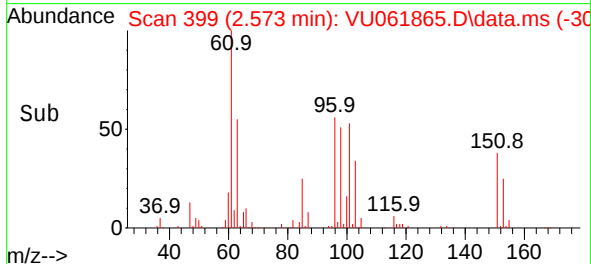
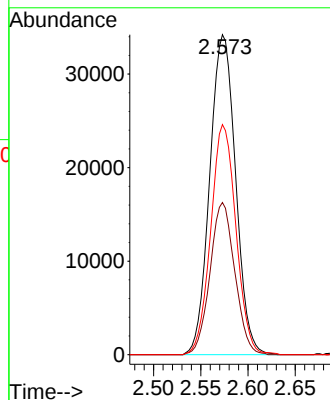
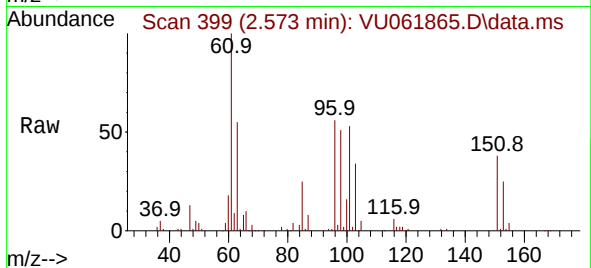




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.083 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU061865.D
Acq: 20 Nov 2024 14:08

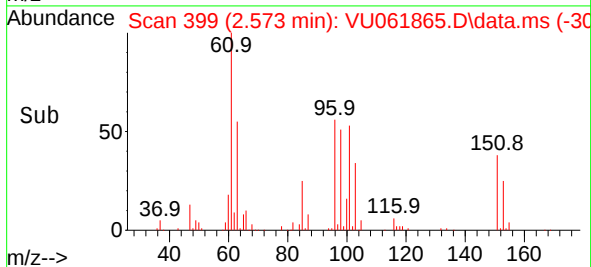
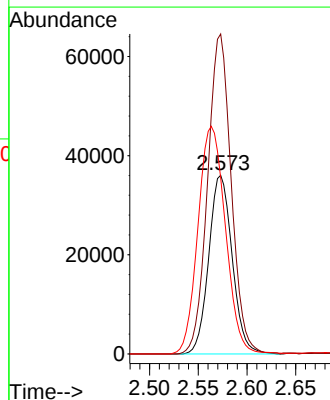
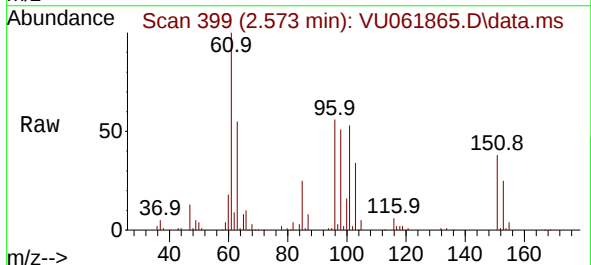
Instrument :
MSVOA_U
ClientSampleId :

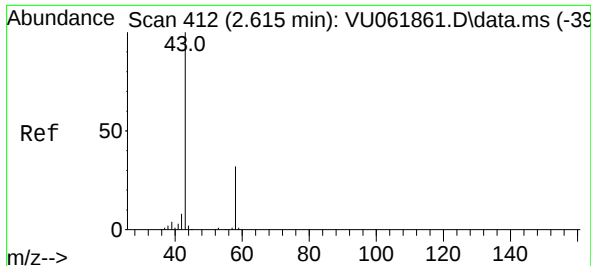
Tgt Ion:101 Resp: 65041
Ion Ratio Lower Upper
101 100
85 45.6 38.0 57.0
151 70.4 55.3 82.9



#12
1,1-Dichloroethene
Concen: 5.070 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU061865.D
Acq: 20 Nov 2024 14:08

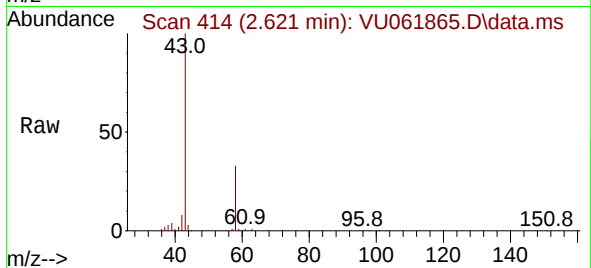
Tgt Ion: 96 Resp: 60330
Ion Ratio Lower Upper
96 100
61 179.0 119.6 222.2
63 98.5 65.0 120.6



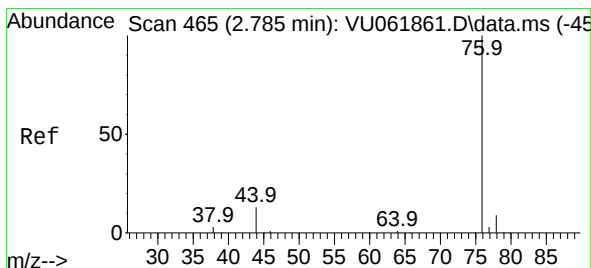
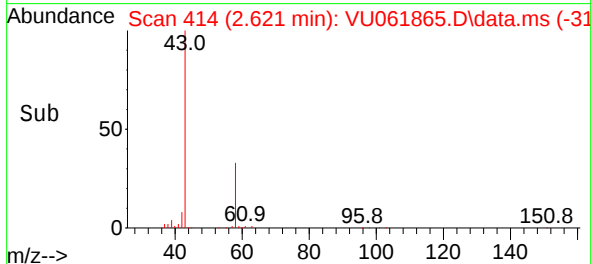
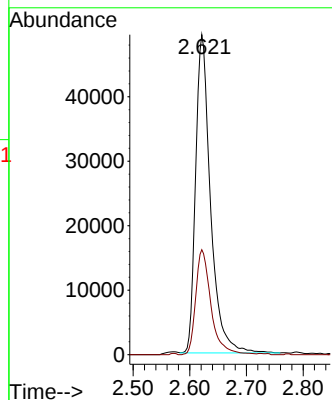


#13
Acetone
Concen: 47.663 ug/L
RT: 2.621 min Scan# 412
Delta R.T. 0.006 min
Lab File: VU061865.D
Acq: 20 Nov 2024 14:08

Instrument :
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ClientSampleId :

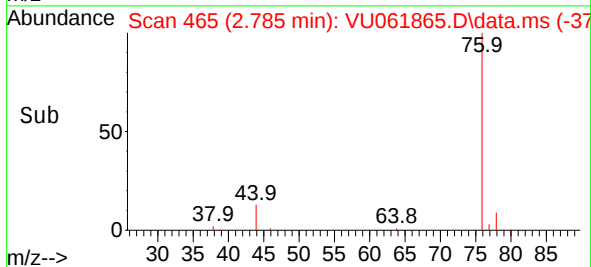
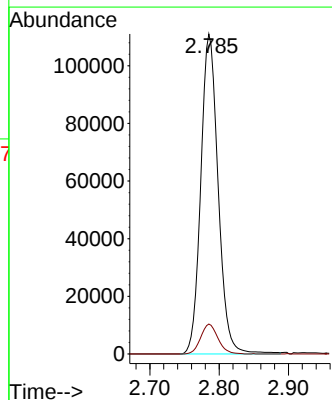
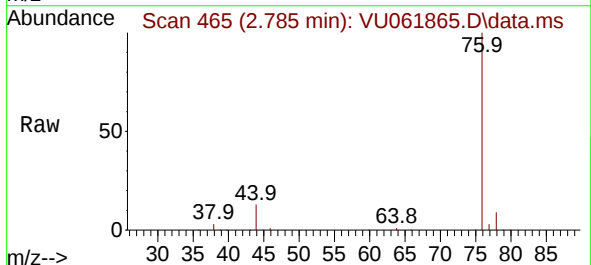


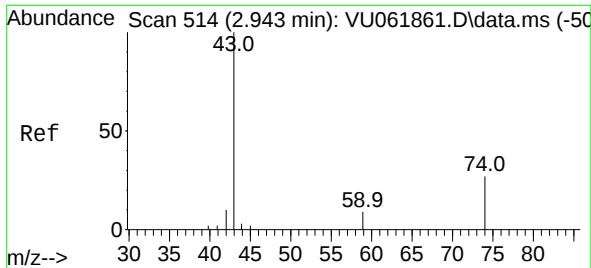
Tgt Ion: 43 Resp: 89939
Ion Ratio Lower Upper
43 100
58 33.9 0.0 64.0



#14
Carbon disulfide
Concen: 5.106 ug/L
RT: 2.785 min Scan# 465
Delta R.T. -0.000 min
Lab File: VU061865.D
Acq: 20 Nov 2024 14:08

Tgt Ion: 76 Resp: 193263
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3





#15

Methyl Acetate

Concen: 4.823 ug/L

RT: 2.946 min Scan# 514

Delta R.T. 0.003 min

Lab File: VU061865.D

Acq: 20 Nov 2024 14:08

Instrument :

MSVOA_U

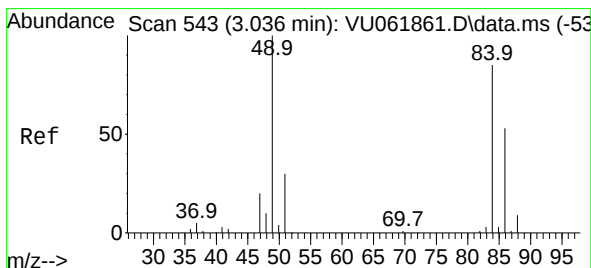
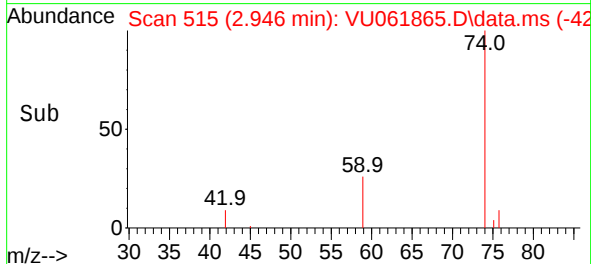
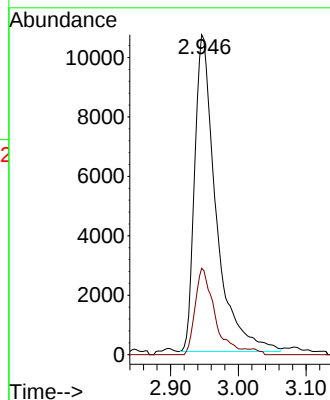
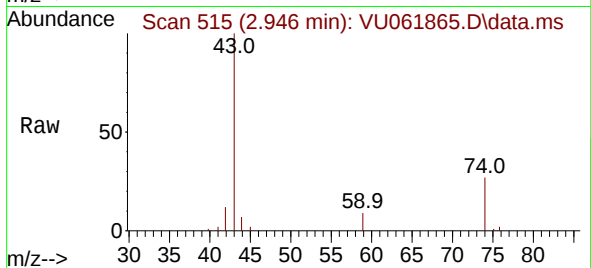
ClientSampleId :

Tgt Ion: 43 Resp: 23368

Ion Ratio Lower Upper

43 100

74 24.6 19.4 29.2



#16

Methylene chloride

Concen: 4.888 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.000 min

Lab File: VU061865.D

Acq: 20 Nov 2024 14:08

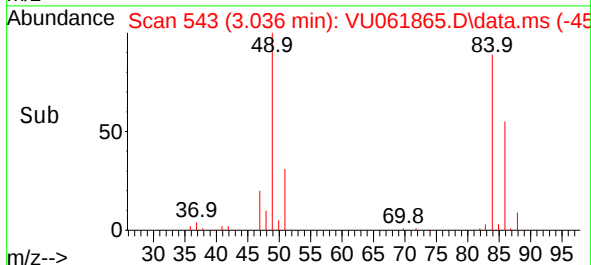
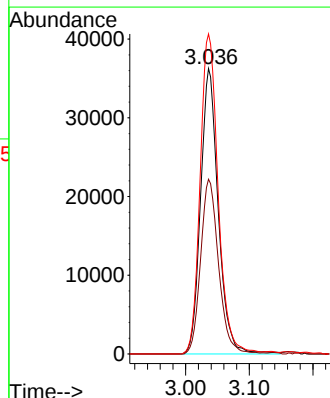
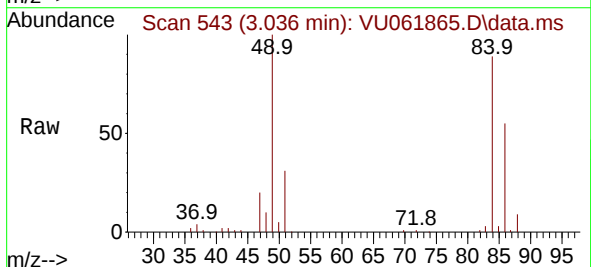
Tgt Ion: 84 Resp: 69843

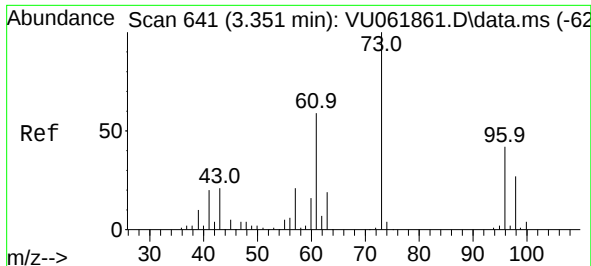
Ion Ratio Lower Upper

84 100

86 61.2 43.5 80.7

49 112.1 81.9 152.1

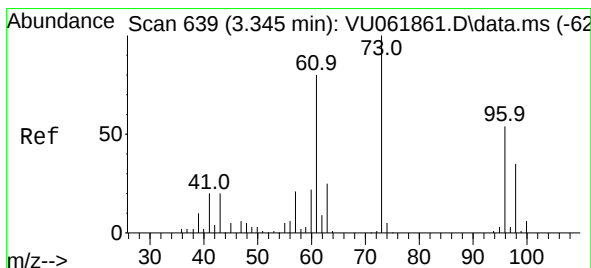
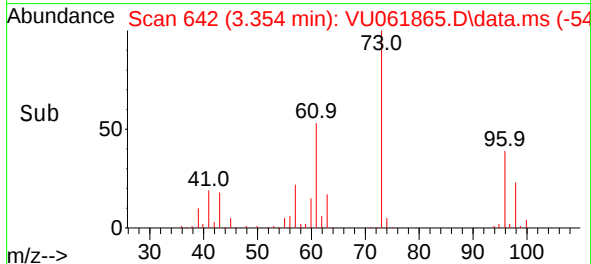
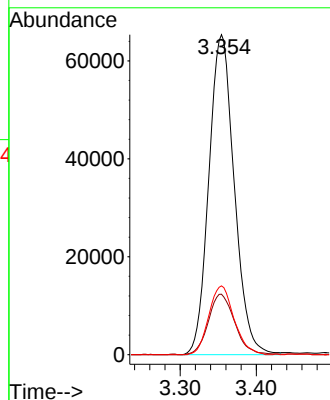
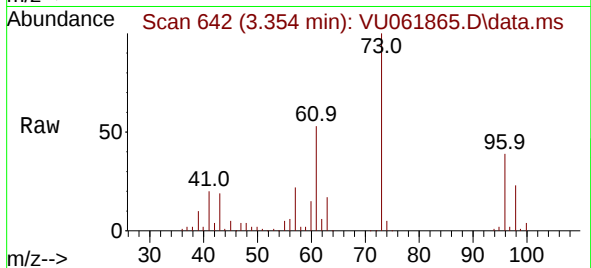




#17
Methyl tert-butyl Ether
Concen: 4.974 ug/L
RT: 3.354 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU061865.D
Acq: 20 Nov 2024 14:08

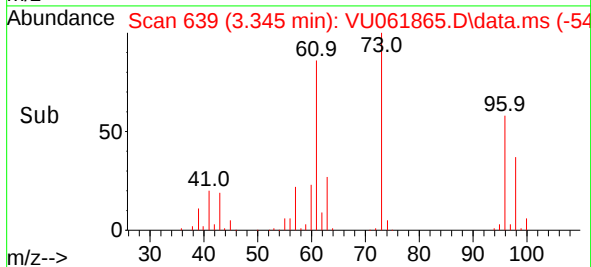
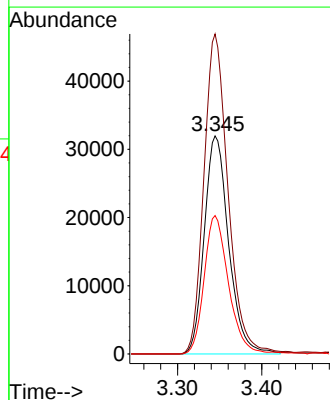
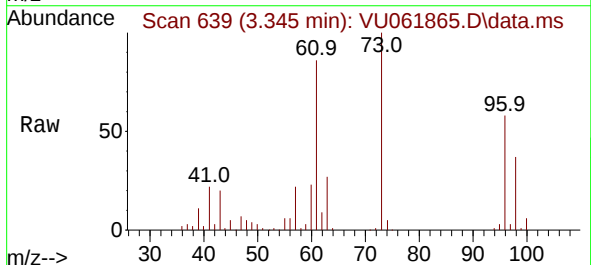
Instrument :
MSVOA_U
ClientSampleId :

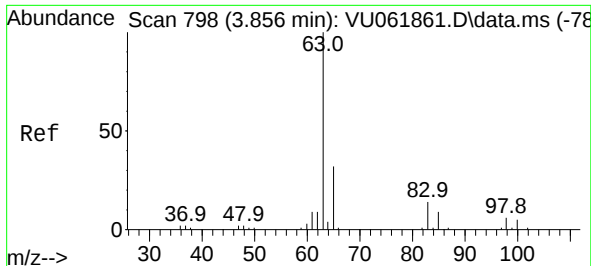
Tgt Ion: 73 Resp: 151700
Ion Ratio Lower Upper
73 100
43 19.7 16.3 24.5
57 21.4 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 5.119 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.000 min
Lab File: VU061865.D
Acq: 20 Nov 2024 14:08

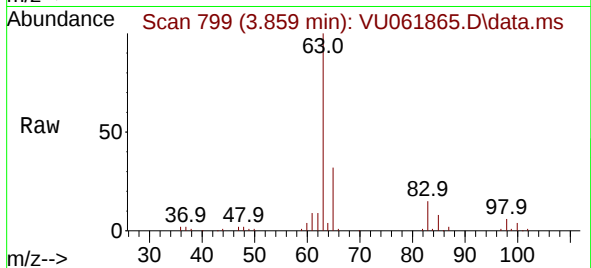
Tgt Ion: 96 Resp: 64388
Ion Ratio Lower Upper
96 100
61 146.7 104.2 193.4
98 63.5 45.7 84.9



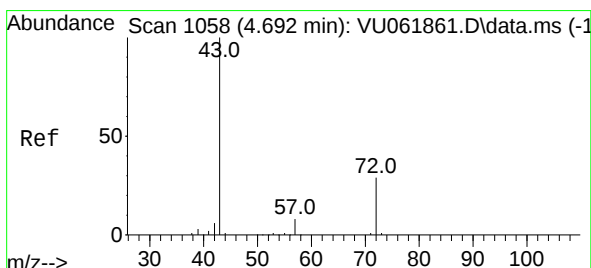
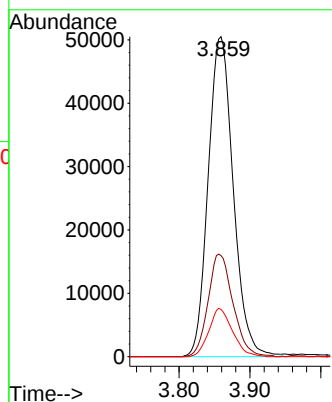
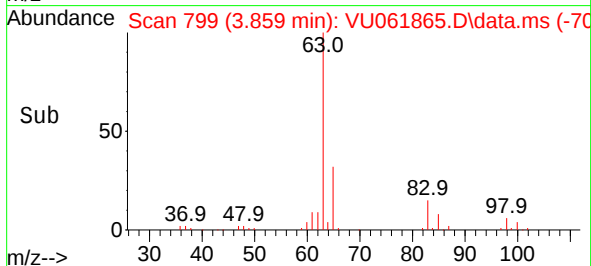


#19
1,1-Dichloroethane
Concen: 5.064 ug/L
RT: 3.859 min Scan# 798
Delta R.T. 0.003 min
Lab File: VU061865.D
Acq: 20 Nov 2024 14:08

Instrument :
MSVOA_U
ClientSampleId :

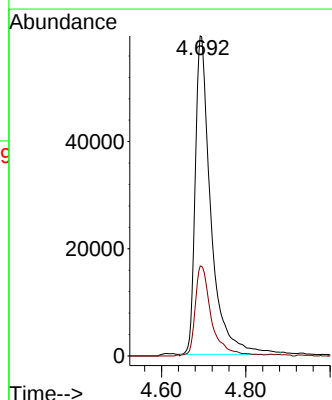
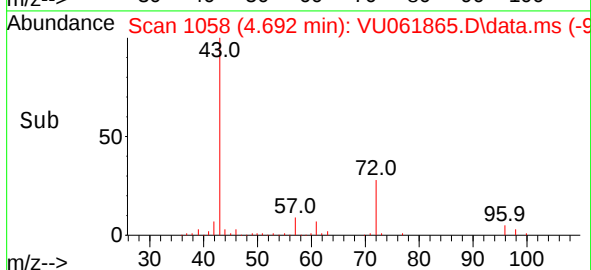
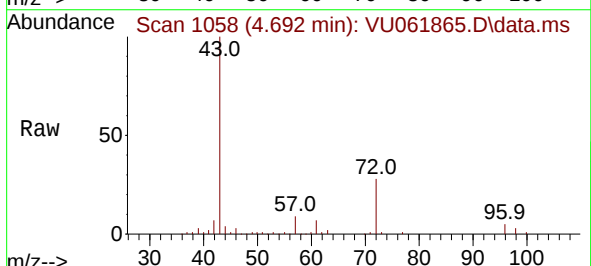


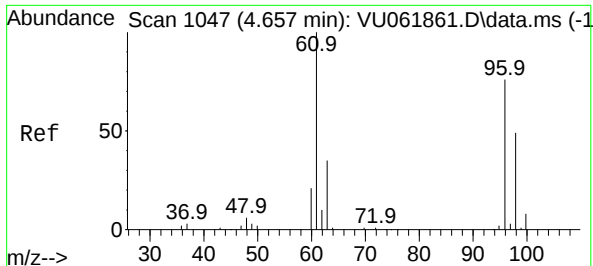
Tgt Ion: 63 Resp: 124094
Ion Ratio Lower Upper
63 100
65 31.6 22.7 42.3
83 14.8 9.9 18.3



#21
2-Butanone
Concen: 50.123 ug/L
RT: 4.692 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VU061865.D
Acq: 20 Nov 2024 14:08

Tgt Ion: 43 Resp: 152859
Ion Ratio Lower Upper
43 100
72 29.1 14.8 44.4

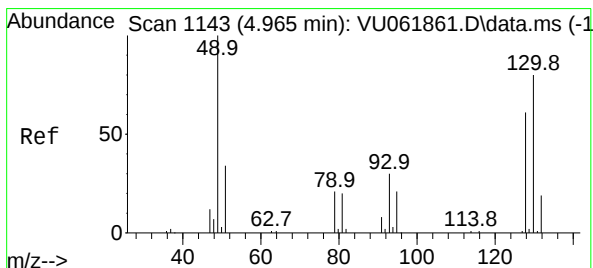
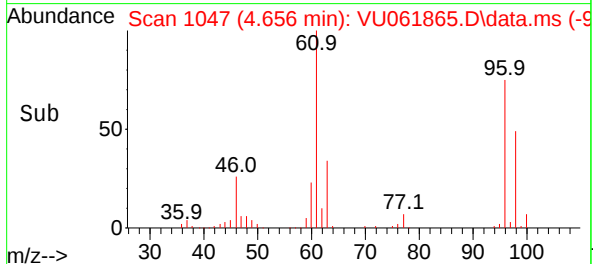
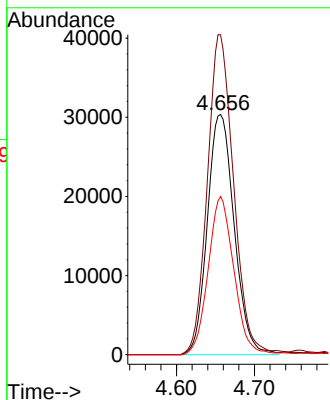
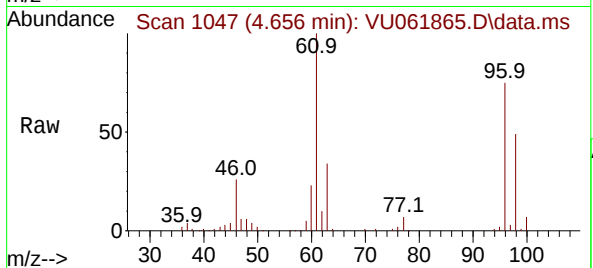




#22
 cis-1,2-Dichloroethene
 Concen: 5.143 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. -0.000 min
 Lab File: VU061865.D
 Acq: 20 Nov 2024 14:08

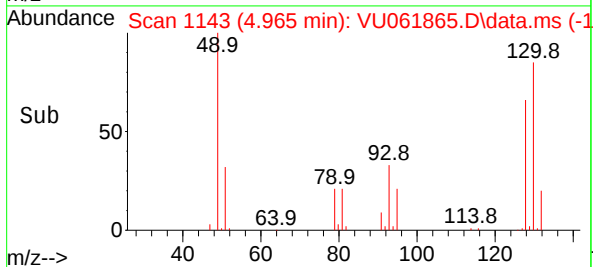
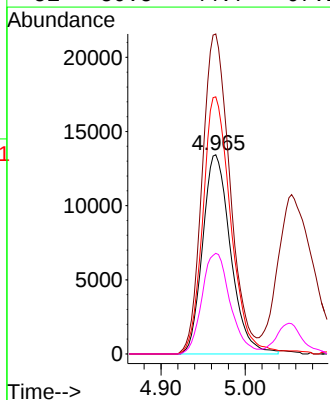
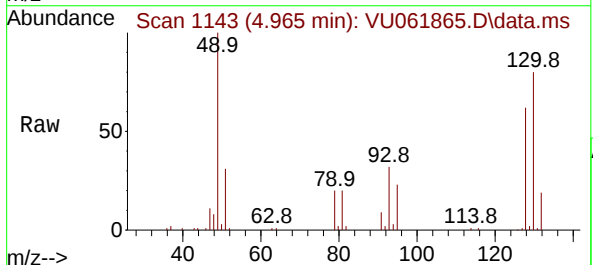
Instrument :
 MSVOA_U
 ClientSampleId :

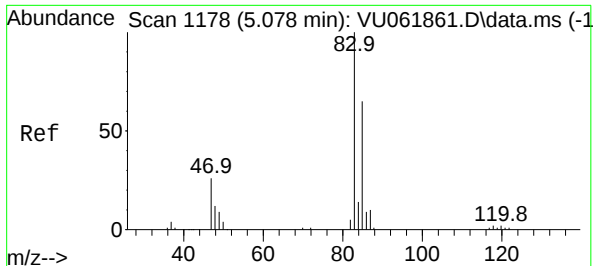
Tgt Ion: 96 Resp: 72805
 Ion Ratio Lower Upper
 96 100
 61 133.1 92.0 170.8
 98 65.8 44.5 82.7



#23
 Bromochloromethane
 Concen: 5.027 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. -0.000 min
 Lab File: VU061865.D
 Acq: 20 Nov 2024 14:08

Tgt Ion: 128 Resp: 30937
 Ion Ratio Lower Upper
 128 100
 49 160.6 115.3 214.1
 130 129.0 92.0 170.8
 51 50.5 44.7 67.1





#25

Chloroform

Concen: 5.088 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VU061865.D

Acq: 20 Nov 2024 14:08

Instrument :

MSVOA_U

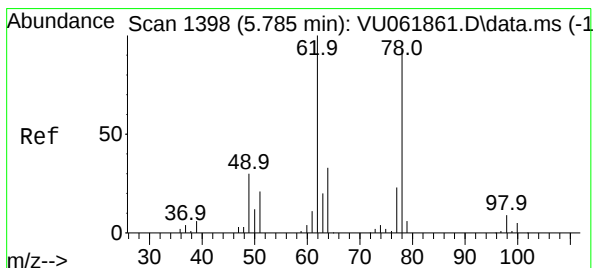
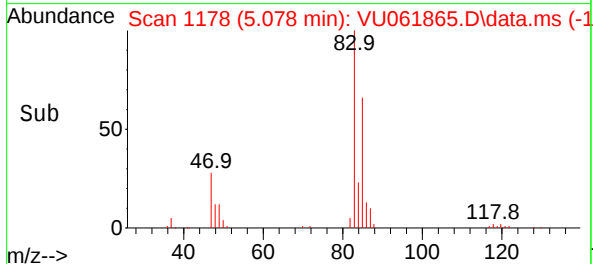
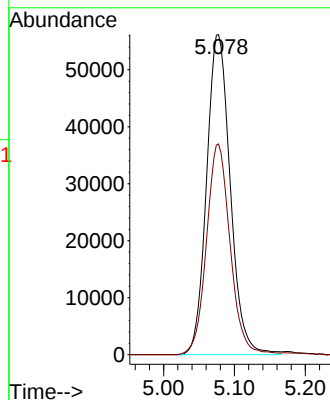
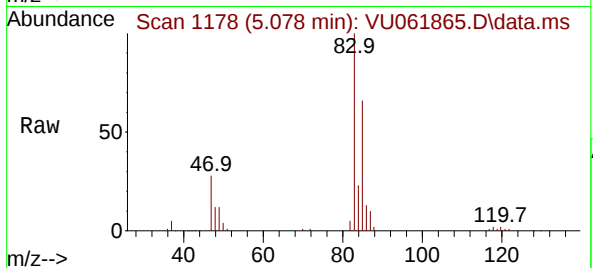
ClientSampleId :

Tgt Ion: 83 Resp: 130310

Ion Ratio Lower Upper

83 100

85 65.9 45.4 84.2



#27

1,2-Dichloroethane

Concen: 4.969 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VU061865.D

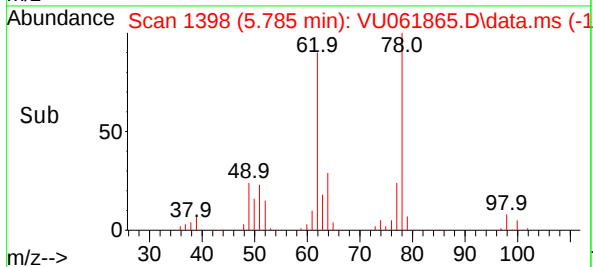
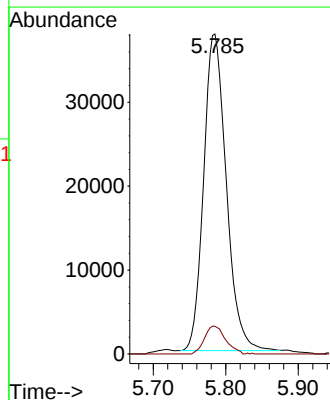
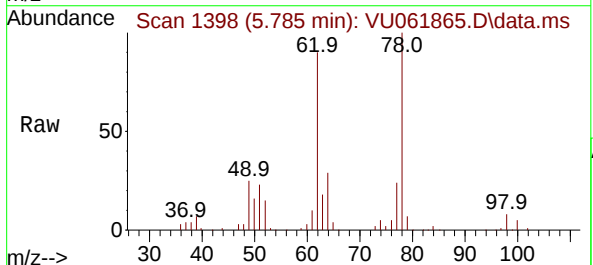
Acq: 20 Nov 2024 14:08

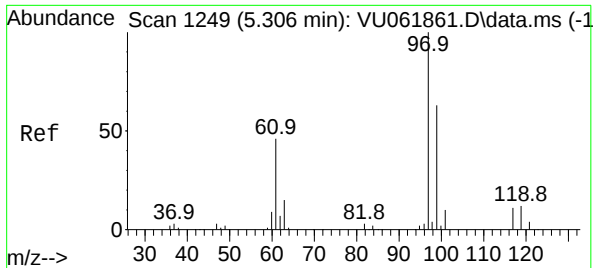
Tgt Ion: 62 Resp: 81879

Ion Ratio Lower Upper

62 100

98 8.6 7.4 11.0



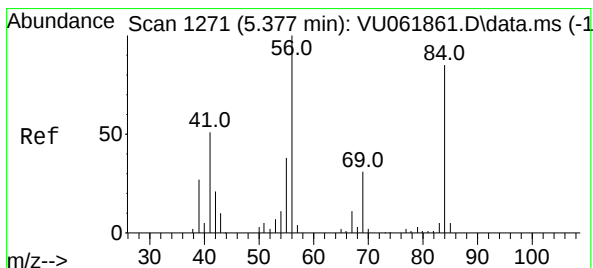
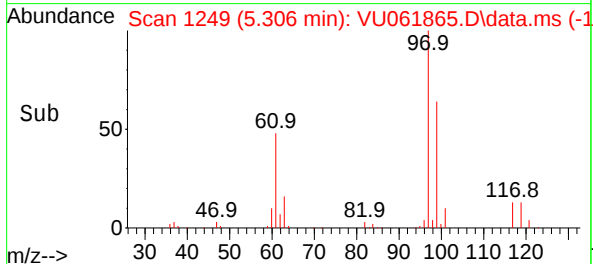
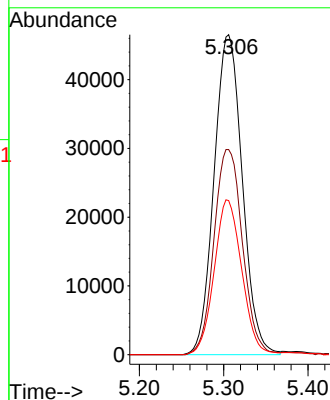
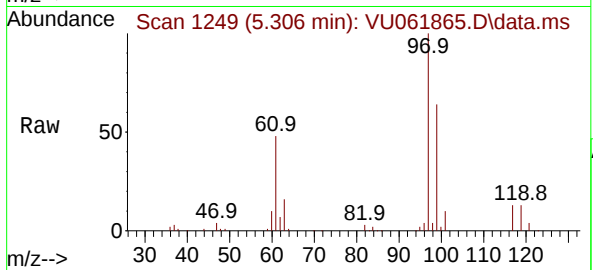


#29
1,1,1-Trichloroethane
Concen: 5.724 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU061865.D
Acq: 20 Nov 2024 14:08

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 108468

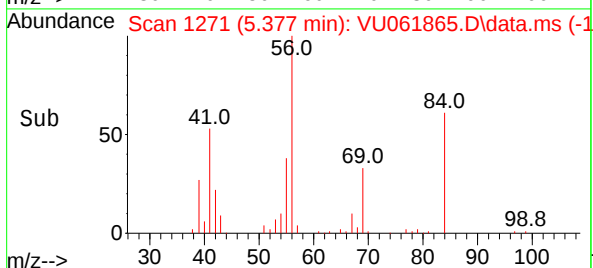
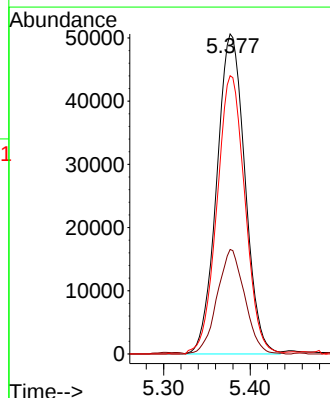
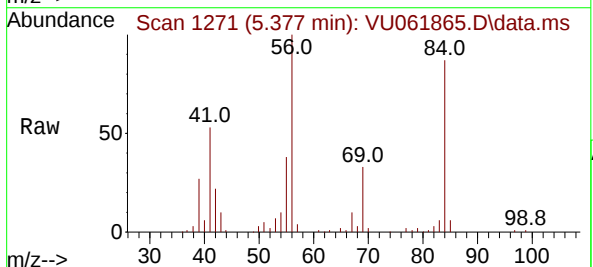
Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.4	77.2
61	47.2	37.8	56.6

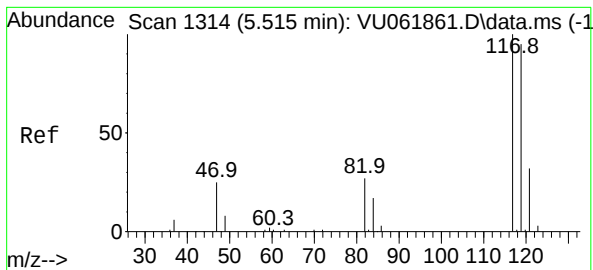


#30
Cyclohexane
Concen: 5.784 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. -0.000 min
Lab File: VU061865.D
Acq: 20 Nov 2024 14:08

Tgt Ion: 56 Resp: 114642

Ion	Ratio	Lower	Upper
56	100		
69	31.8	25.1	37.7
84	86.3	70.6	105.8





#31

Carbon tetrachloride

Concen: 5.807 ug/L

RT: 5.515 min Scan# 1314

Delta R.T. -0.000 min

Lab File: VU061865.D

Acq: 20 Nov 2024 14:08

Instrument :

MSVOA_U

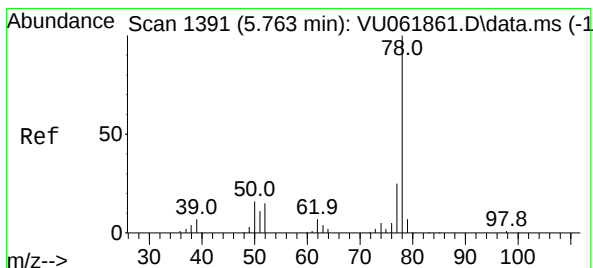
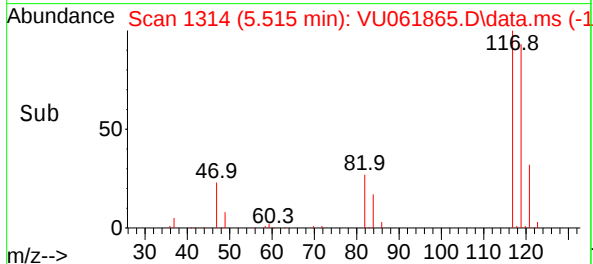
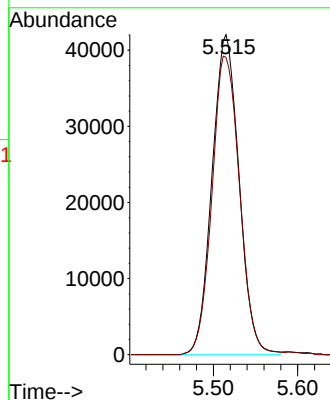
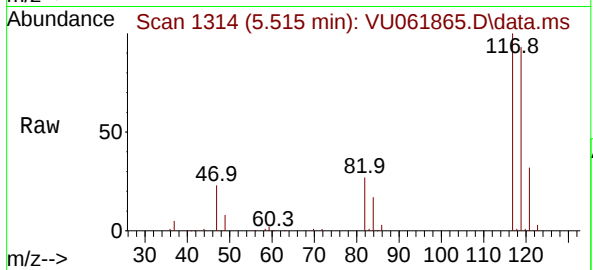
ClientSampleId :

Tgt Ion:117 Resp: 93432

Ion Ratio Lower Upper

117 100

119 95.4 77.5 116.3



#33

Benzene

Concen: 5.749 ug/L

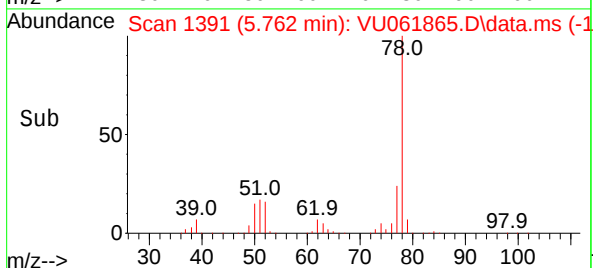
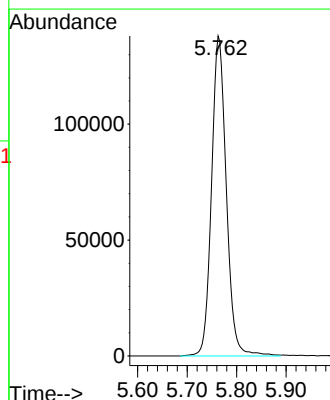
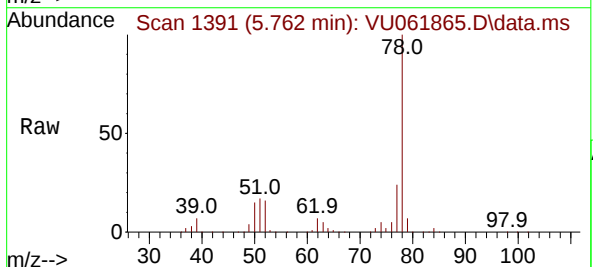
RT: 5.762 min Scan# 1391

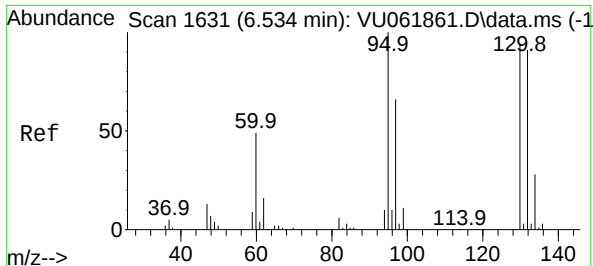
Delta R.T. -0.000 min

Lab File: VU061865.D

Acq: 20 Nov 2024 14:08

Tgt Ion: 78 Resp: 285438





#34

Trichloroethene

Concen: 5.762 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU061865.D

Acq: 20 Nov 2024 14:08

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 76356

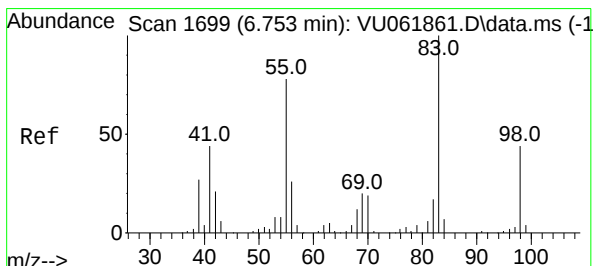
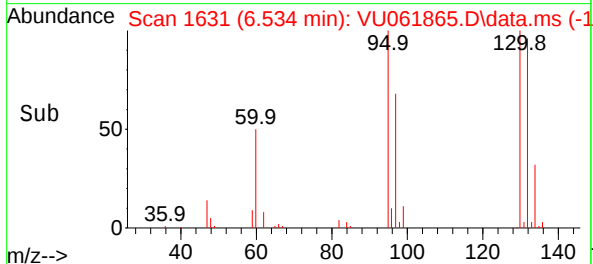
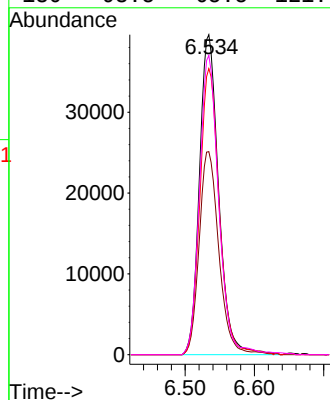
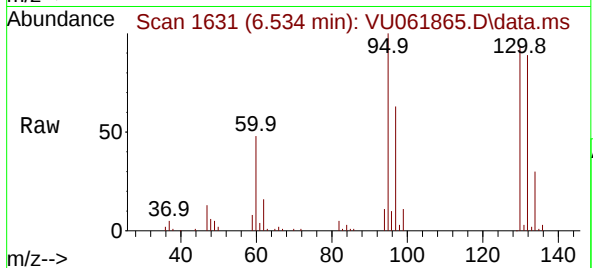
Ion Ratio Lower Upper

95 100

97 63.5 45.9 85.3

132 89.4 63.8 118.4

130 93.5 65.5 121.7



#35

Methylcyclohexane

Concen: 5.786 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. -0.000 min

Lab File: VU061865.D

Acq: 20 Nov 2024 14:08

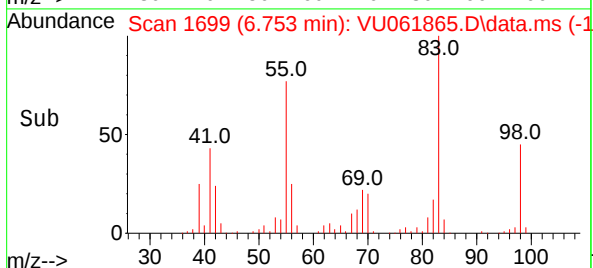
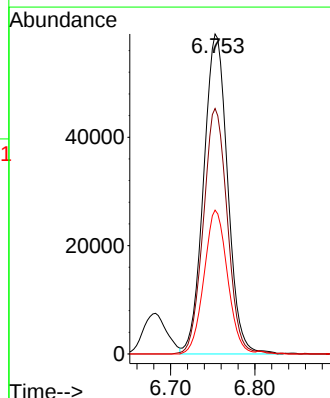
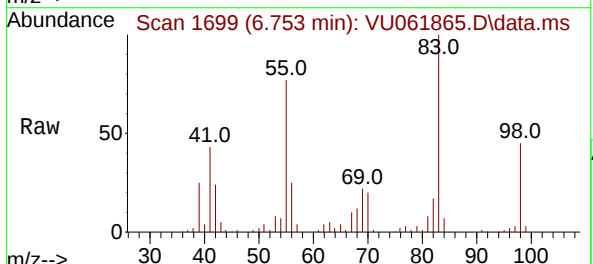
Tgt Ion: 83 Resp: 117289

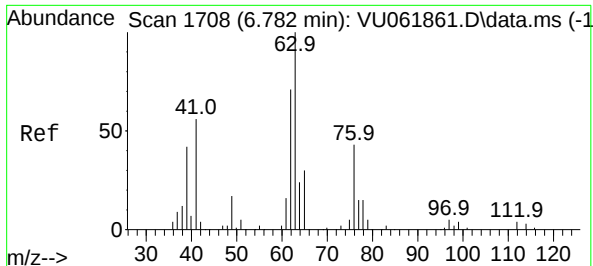
Ion Ratio Lower Upper

83 100

55 76.6 60.7 91.1

98 43.9 34.8 52.2

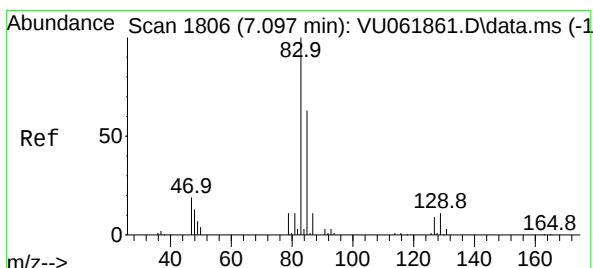
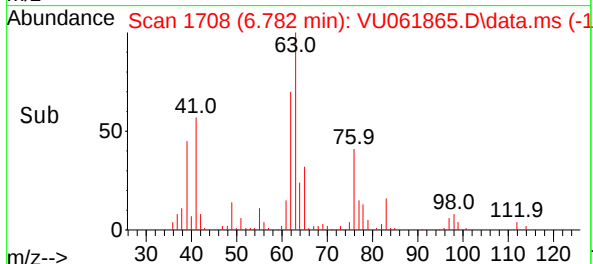
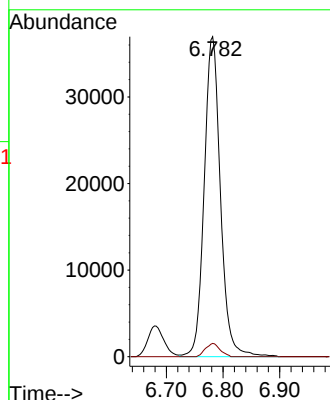
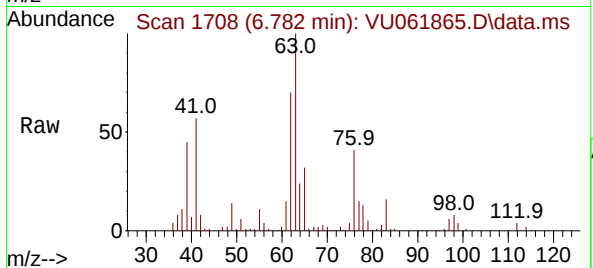




#37
1,2-Dichloropropane
Concen: 5.716 ug/L
RT: 6.782 min Scan# 1708
Delta R.T. -0.000 min
Lab File: VU061865.D
Acq: 20 Nov 2024 14:08

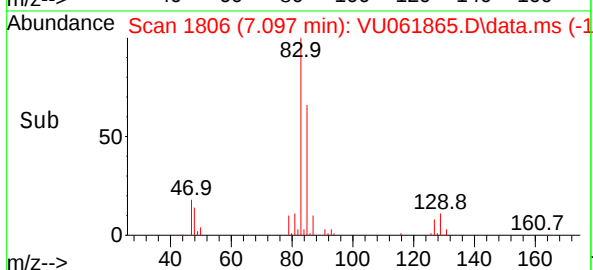
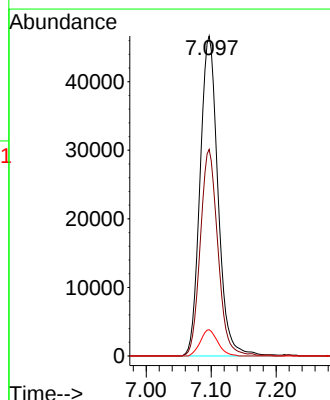
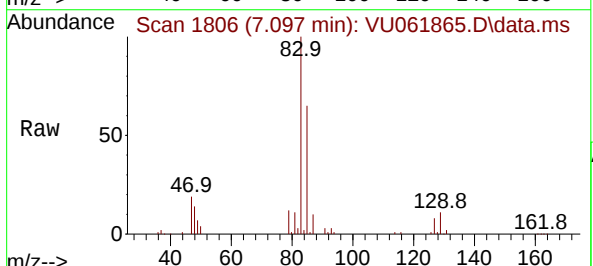
Instrument :
MSVOA_U
ClientSampleId :

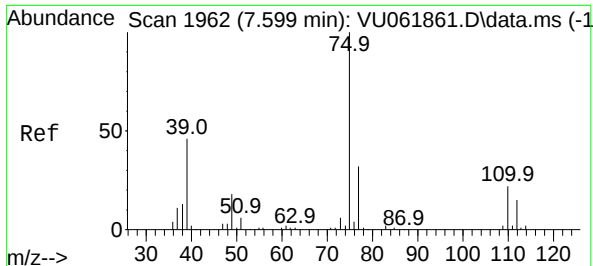
Tgt Ion: 63 Resp: 73737
Ion Ratio Lower Upper
63 100
112 3.7 3.4 5.0



#38
Bromodichloromethane
Concen: 5.729 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU061865.D
Acq: 20 Nov 2024 14:08

Tgt Ion: 83 Resp: 89621
Ion Ratio Lower Upper
83 100
85 64.6 44.1 81.9
127 8.2 6.9 10.3

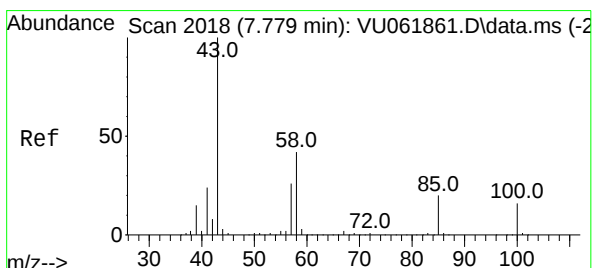
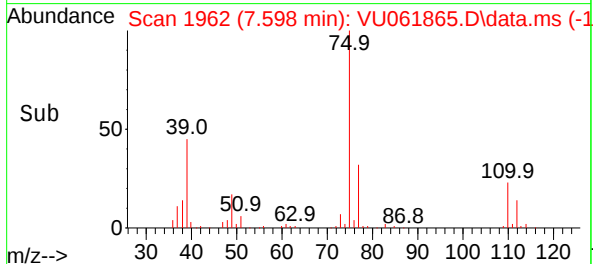
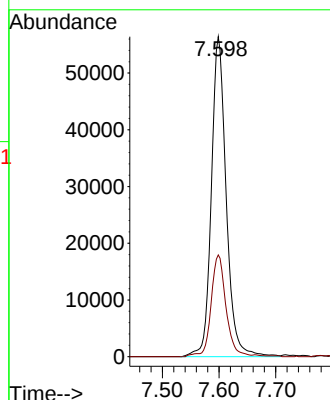
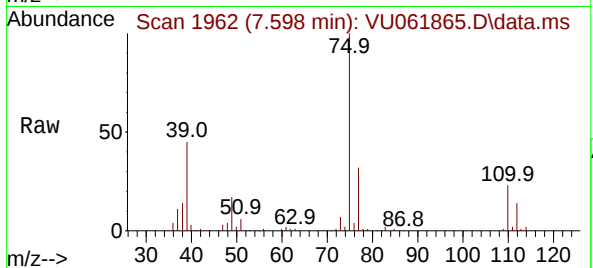




#39
 cis-1,3-Dichloropropene
 Concen: 5.688 ug/L
 RT: 7.598 min Scan# 1962
 Delta R.T. -0.000 min
 Lab File: VU061865.D
 Acq: 20 Nov 2024 14:08

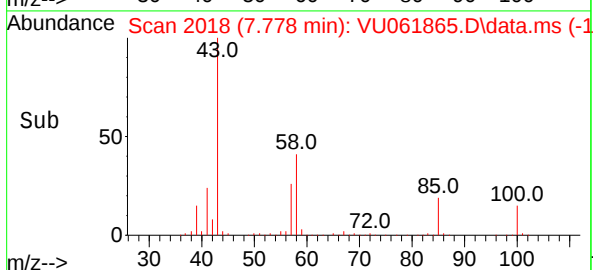
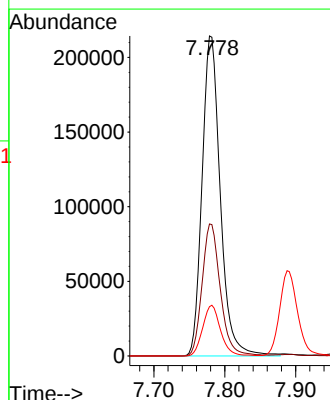
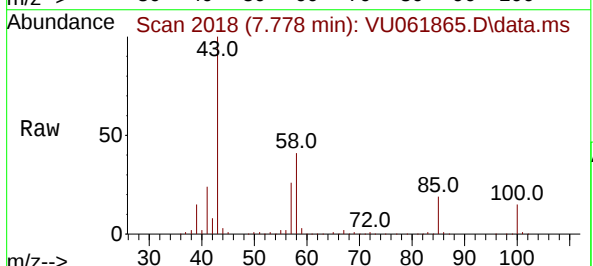
Instrument :
 MSVOA_U
 ClientSampleId :

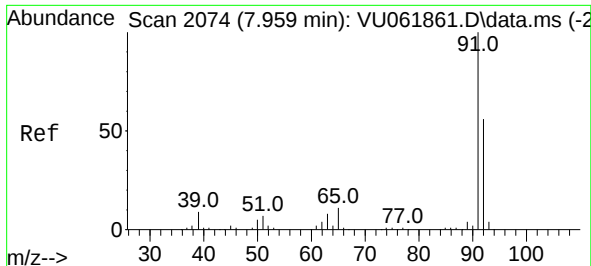
Tgt Ion: 75 Resp: 102875
 Ion Ratio Lower Upper
 75 100
 77 31.8 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 55.008 ug/L
 RT: 7.778 min Scan# 2018
 Delta R.T. -0.000 min
 Lab File: VU061865.D
 Acq: 20 Nov 2024 14:08

Tgt Ion: 43 Resp: 382851
 Ion Ratio Lower Upper
 43 100
 58 41.3 33.3 49.9
 100 15.6 12.4 18.6





#42

Toluene

Concen: 5.789 ug/L

RT: 7.962 min Scan# 2074

Delta R.T. 0.003 min

Lab File: VU061865.D

Acq: 20 Nov 2024 14:08

Instrument :

MSVOA_U

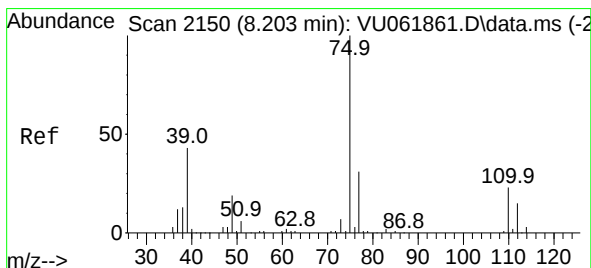
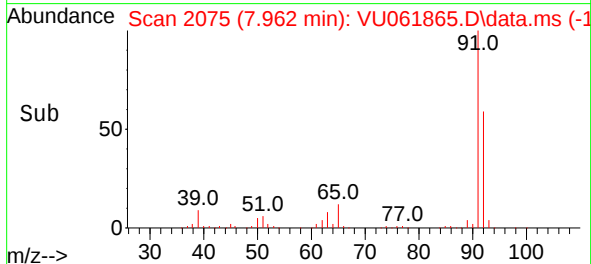
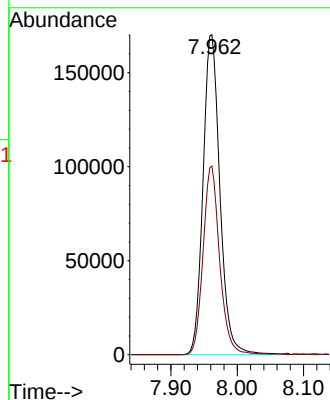
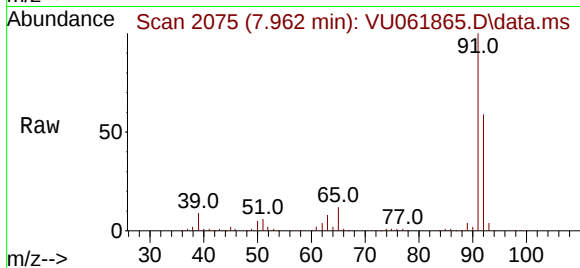
ClientSampleId :

Tgt Ion: 91 Resp: 301606

Ion Ratio Lower Upper

91 100

92 59.0 39.0 72.4



#44

trans-1,3-Dichloropropene

Concen: 5.707 ug/L

RT: 8.200 min Scan# 2149

Delta R.T. -0.003 min

Lab File: VU061865.D

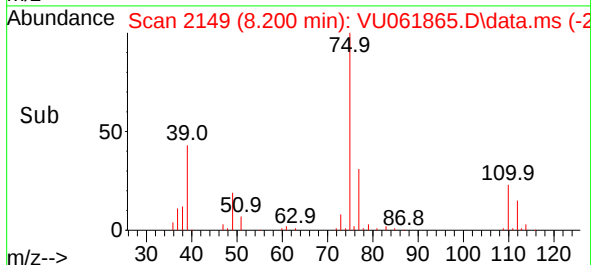
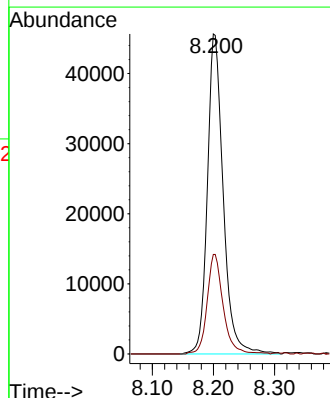
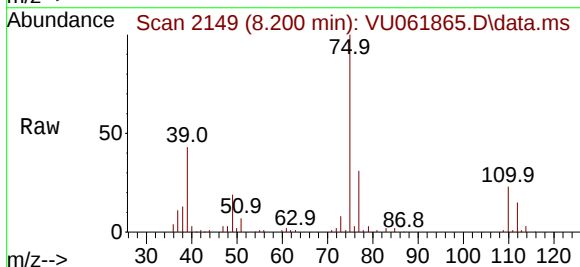
Acq: 20 Nov 2024 14:08

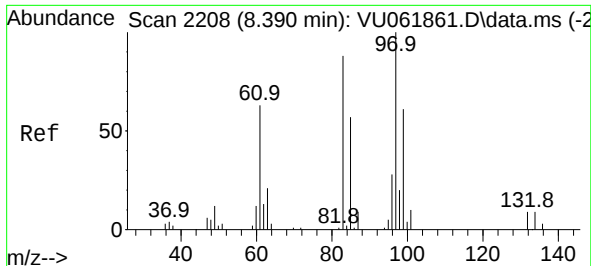
Tgt Ion: 75 Resp: 81972

Ion Ratio Lower Upper

75 100

77 31.1 21.8 40.4



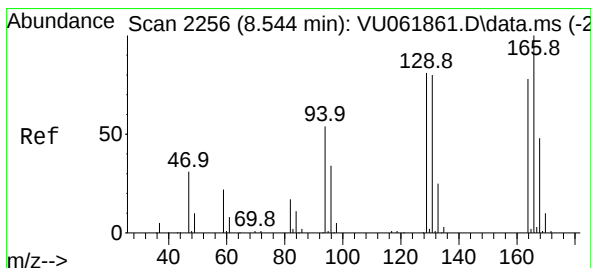
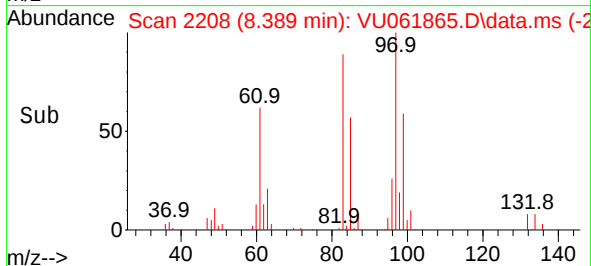
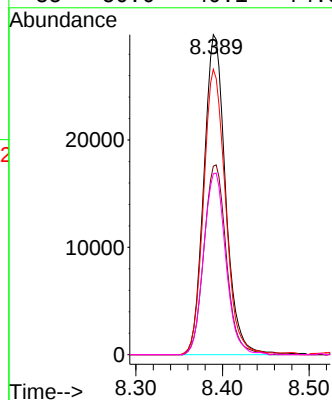
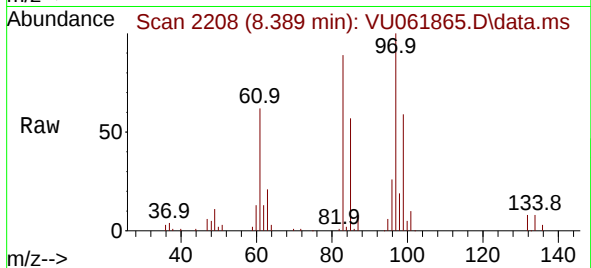


#45
1,1,2-Trichloroethane
Concen: 5.468 ug/L
RT: 8.389 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VU061865.D
Acq: 20 Nov 2024 14:08

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 51958

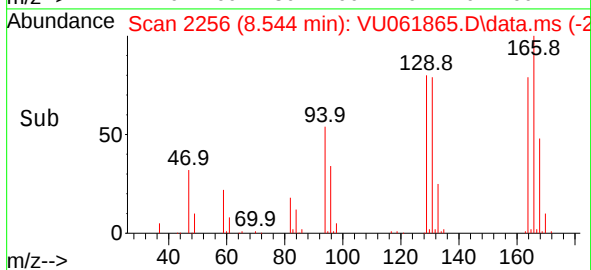
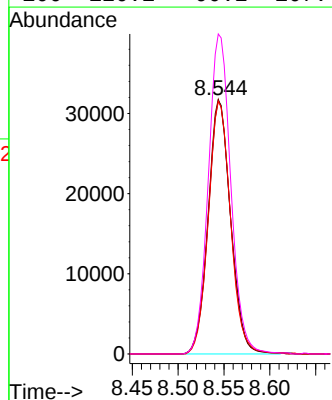
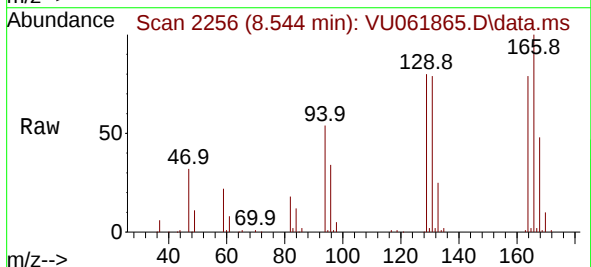
Ion	Ratio	Lower	Upper
97	100		
99	58.9	43.0	79.8
83	89.2	61.7	114.5
85	56.6	40.1	74.5

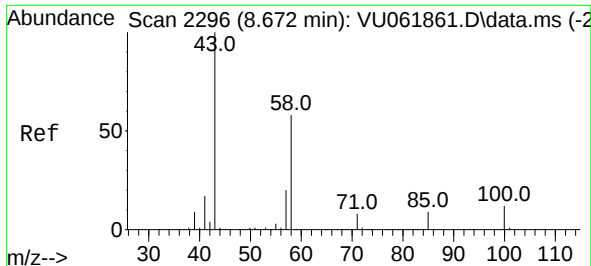


#47
Tetrachloroethene
Concen: 5.595 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU061865.D
Acq: 20 Nov 2024 14:08

Tgt Ion: 164 Resp: 53919

Ion	Ratio	Lower	Upper
164	100		
129	100.4	73.2	136.0
131	99.5	72.3	134.3
166	126.1	90.2	167.4





#48

2-Hexanone

Concen: 51.748 ug/L

RT: 8.676 min Scan# 2296

Delta R.T. 0.003 min

Lab File: VU061865.D

Acq: 20 Nov 2024 14:08

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 43 Resp: 269731

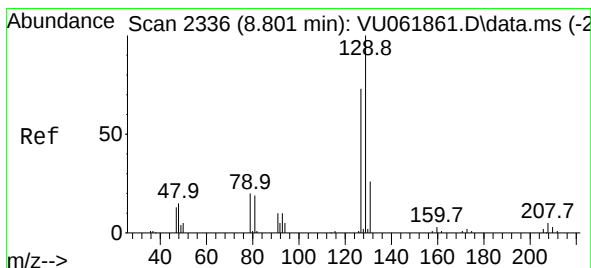
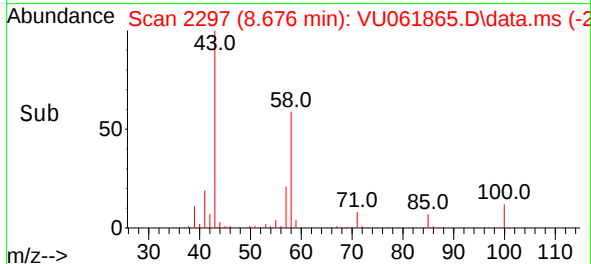
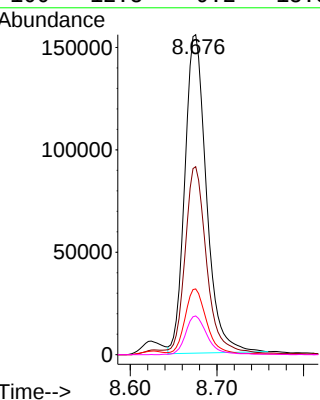
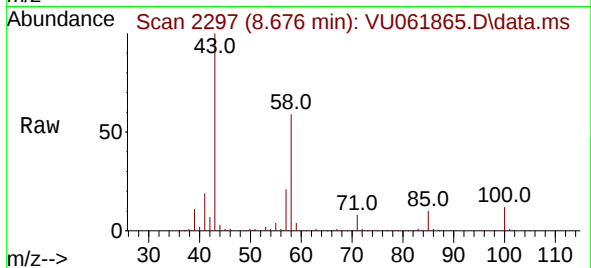
Ion Ratio Lower Upper

43 100

58 58.6 47.5 71.3

57 21.1 15.6 23.4

100 12.3 9.2 13.8



#49

Dibromochloromethane

Concen: 5.337 ug/L

RT: 8.801 min Scan# 2336

Delta R.T. -0.000 min

Lab File: VU061865.D

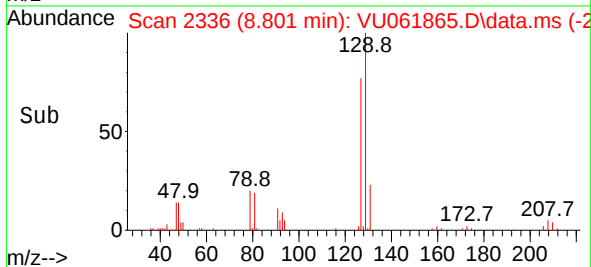
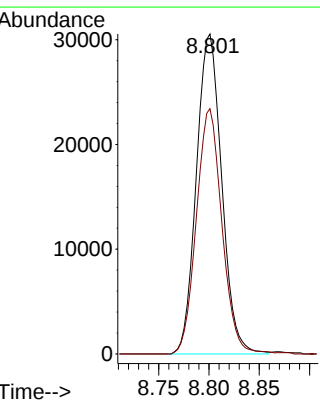
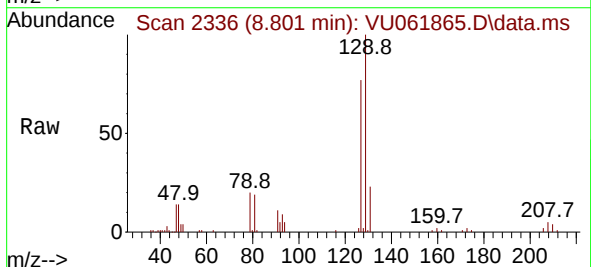
Acq: 20 Nov 2024 14:08

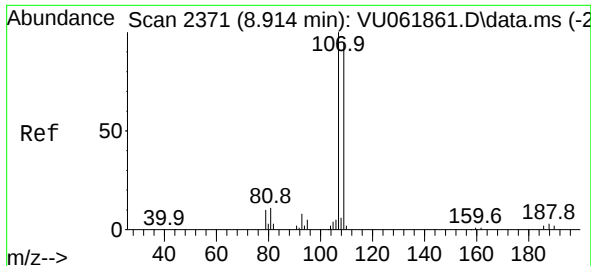
Tgt Ion:129 Resp: 53582

Ion Ratio Lower Upper

129 100

127 76.7 51.1 94.9





#50

1,2-Dibromoethane

Concen: 5.056 ug/L

RT: 8.913 min Scan# 2371

Delta R.T. -0.000 min

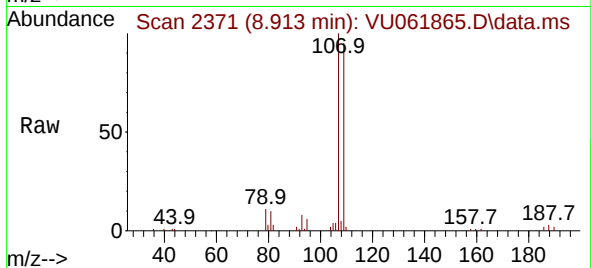
Lab File: VU061865.D

Acq: 20 Nov 2024 14:08

Instrument :

MSVOA_U

ClientSampleId :



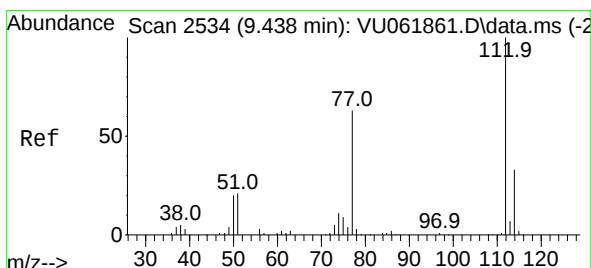
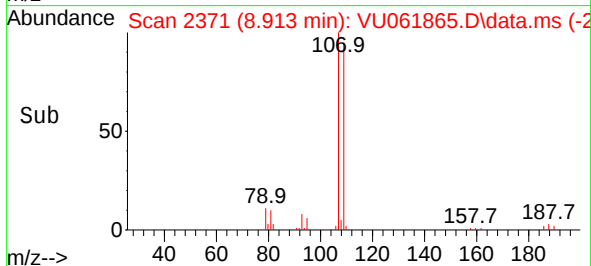
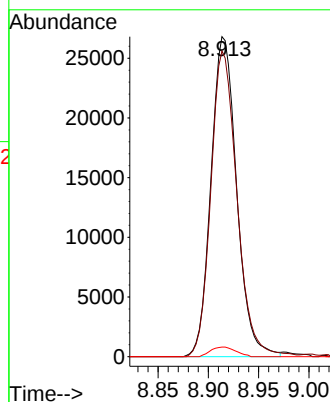
Tgt Ion:107 Resp: 47688

Ion Ratio Lower Upper

107 100

109 95.4 66.8 124.2

188 3.0 2.3 3.5



#51

Chlorobenzene

Concen: 5.144 ug/L

RT: 9.438 min Scan# 2534

Delta R.T. -0.000 min

Lab File: VU061865.D

Acq: 20 Nov 2024 14:08

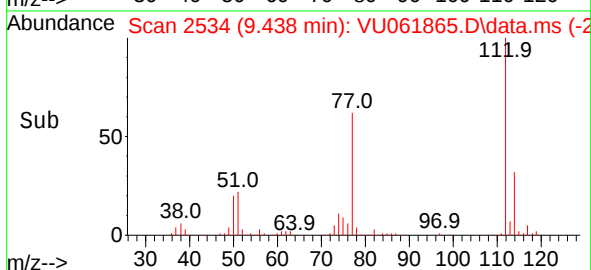
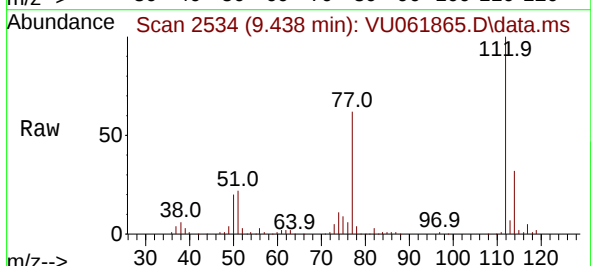
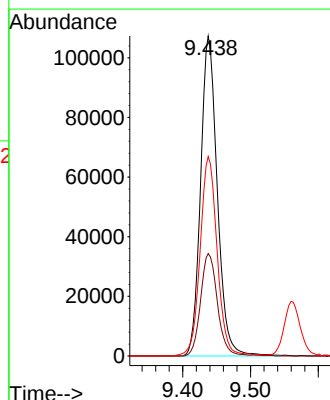
Tgt Ion:112 Resp: 183564

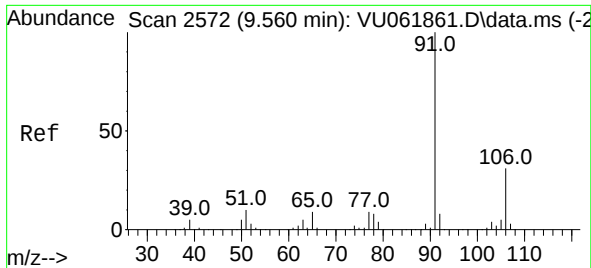
Ion Ratio Lower Upper

112 100

114 32.0 23.0 42.6

77 62.3 50.5 75.7

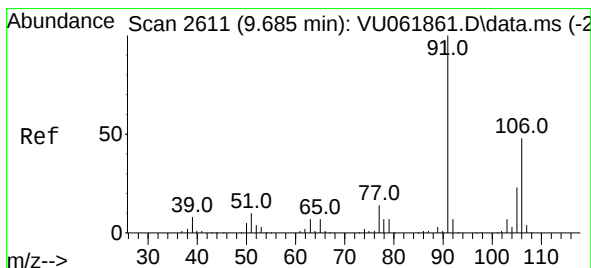
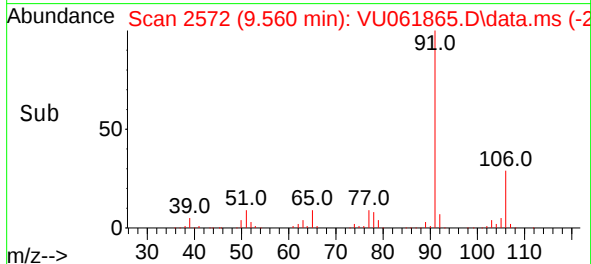
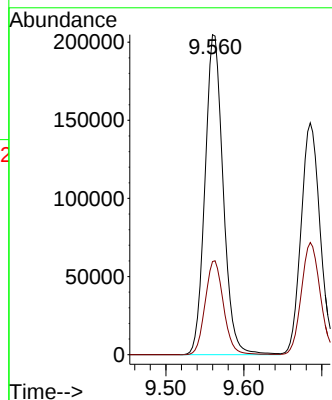
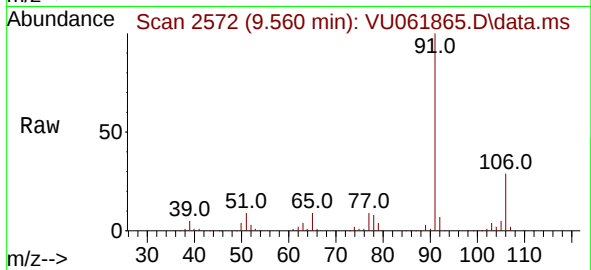




#52
Ethylbenzene
Concen: 5.319 ug/L
RT: 9.560 min Scan# 2572
Delta R.T. -0.000 min
Lab File: VU061865.D
Acq: 20 Nov 2024 14:08

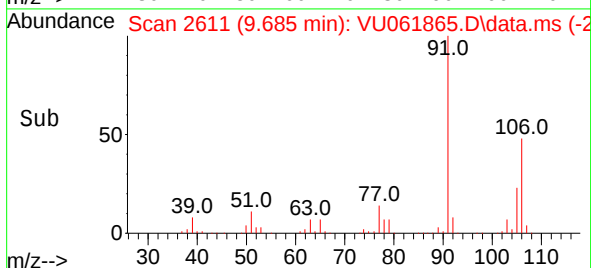
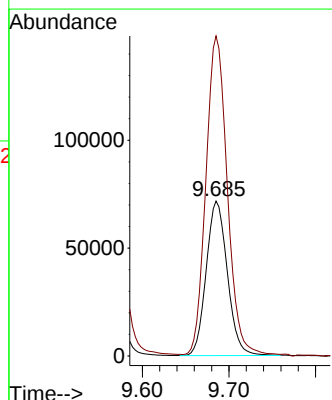
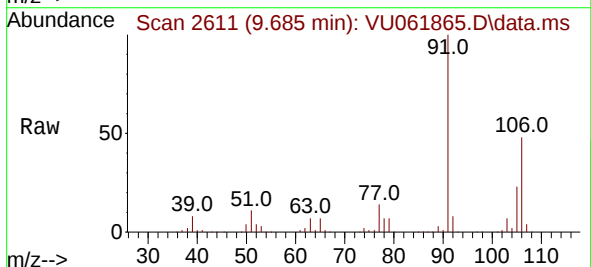
Instrument :
MSVOA_U
ClientSampleId :

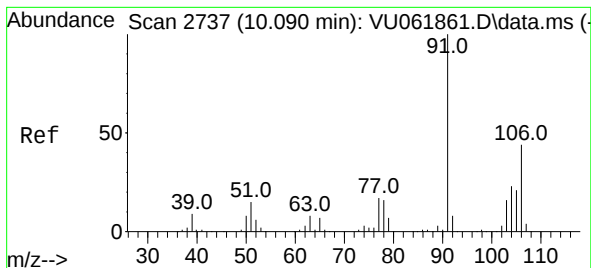
Tgt Ion: 91 Resp: 331654
Ion Ratio Lower Upper
91 100
106 29.1 21.6 40.0



#53
m,p-Xylene
Concen: 5.519 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU061865.D
Acq: 20 Nov 2024 14:08

Tgt Ion:106 Resp: 121435
Ion Ratio Lower Upper
106 100
91 206.7 147.6 274.0





#54

o-Xylene

Concen: 5.308 ug/L

RT: 10.090 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU061865.D

Acq: 20 Nov 2024 14:08

Instrument :

MSVOA_U

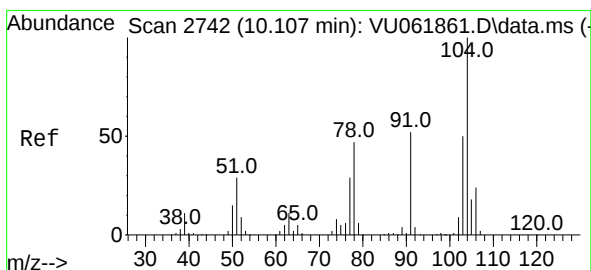
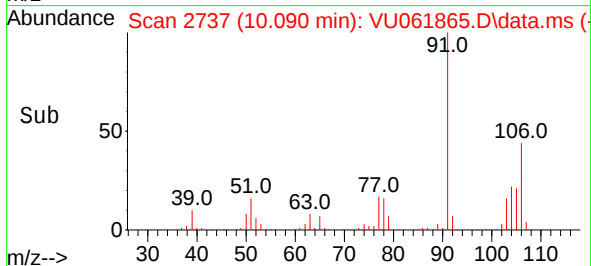
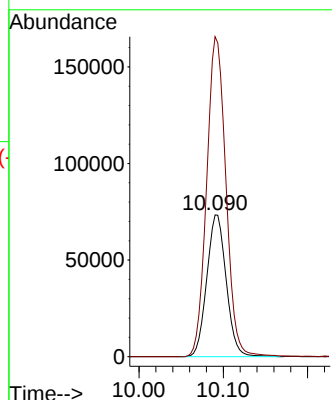
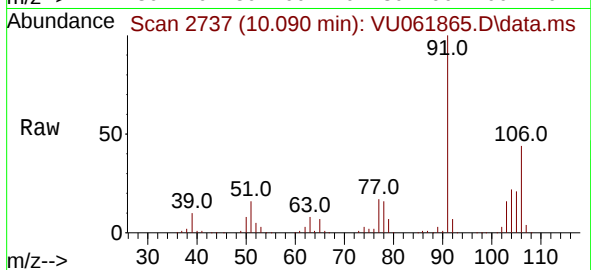
ClientSampleId :

Tgt Ion:106 Resp: 117877

Ion Ratio Lower Upper

106 100

91 225.8 159.8 296.8



#55

Styrene

Concen: 5.354 ug/L

RT: 10.106 min Scan# 2742

Delta R.T. -0.000 min

Lab File: VU061865.D

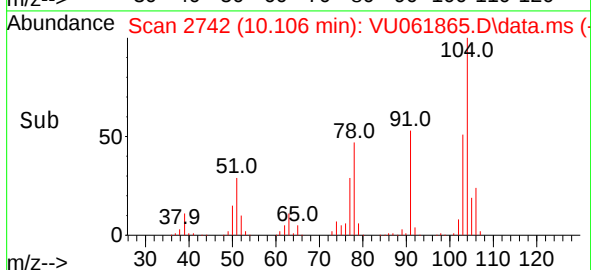
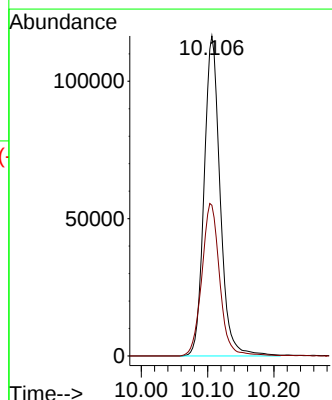
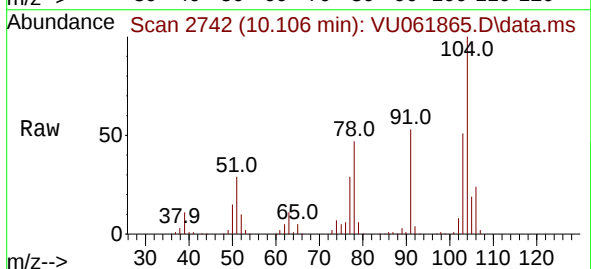
Acq: 20 Nov 2024 14:08

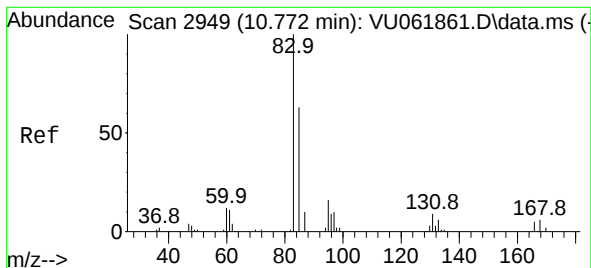
Tgt Ion:104 Resp: 195903

Ion Ratio Lower Upper

104 100

78 47.1 33.2 61.7





#57

1,1,2,2-Tetrachloroethane

Concen: 5.062 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. -0.000 min

Lab File: VU061865.D

Acq: 20 Nov 2024 14:08

Instrument :

MSVOA_U

ClientSampleId :

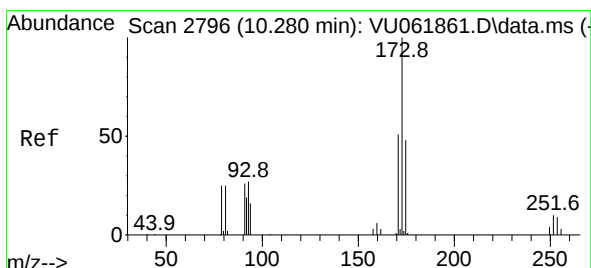
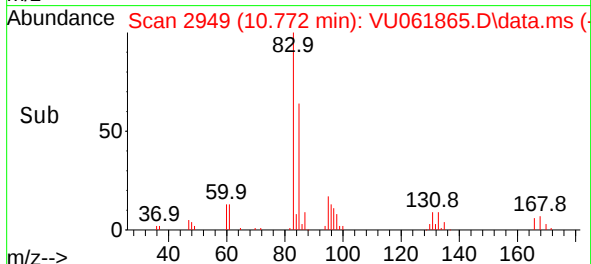
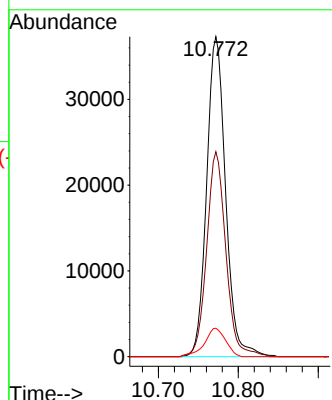
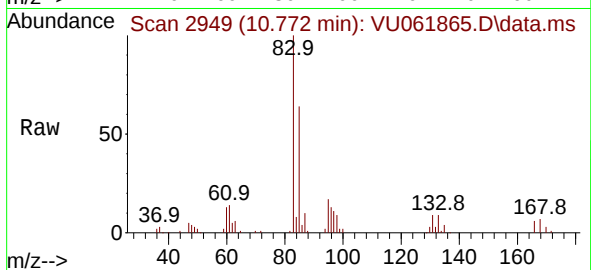
Tgt Ion: 83 Resp: 61640

Ion Ratio Lower Upper

83 100

85 64.0 44.4 82.4

131 8.9 7.3 10.9



#59

Bromoform

Concen: 4.760 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. 0.003 min

Lab File: VU061865.D

Acq: 20 Nov 2024 14:08

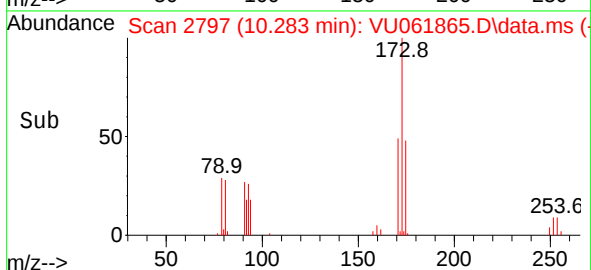
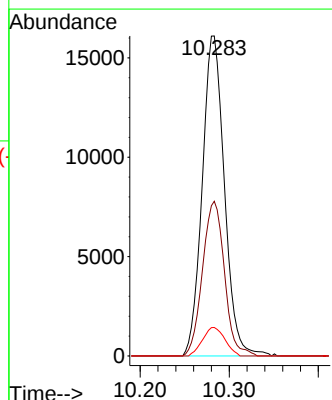
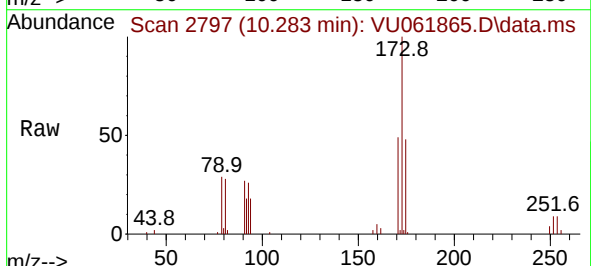
Tgt Ion:173 Resp: 27879

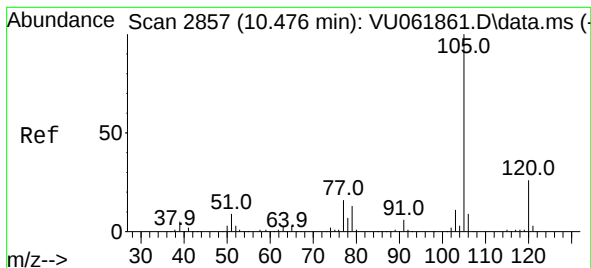
Ion Ratio Lower Upper

173 100

175 47.7 39.0 58.4

254 9.0 7.4 11.0





#60

Isopropylbenzene

Concen: 5.196 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. -0.000 min

Lab File: VU061865.D

Acq: 20 Nov 2024 14:08

Instrument :

MSVOA_U

ClientSampleId :

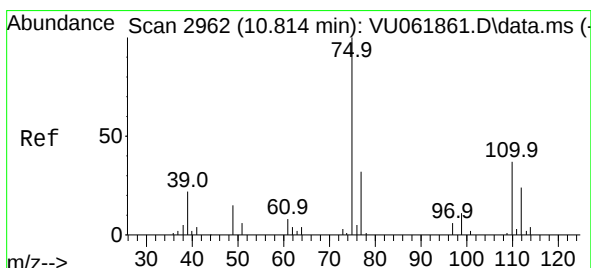
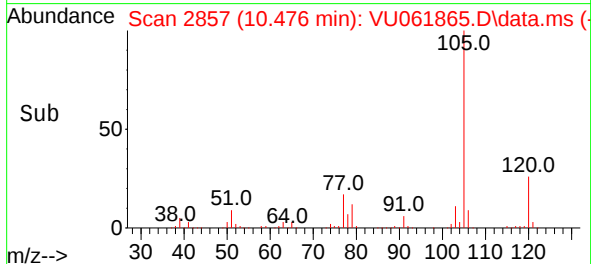
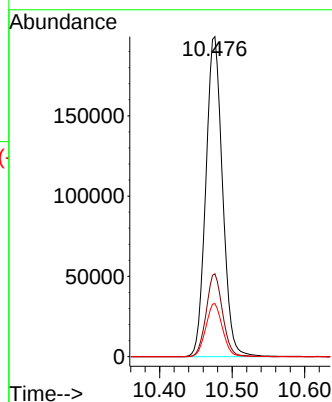
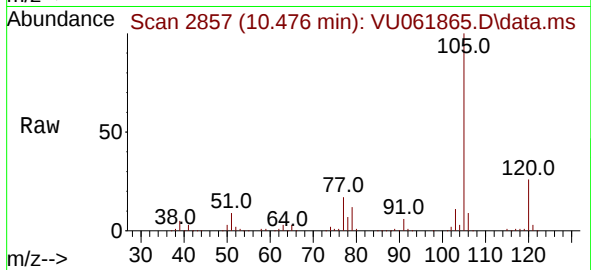
Tgt Ion:105 Resp: 319246

Ion Ratio Lower Upper

105 100

120 25.5 20.6 31.0

77 16.6 13.0 19.6



#61

1,2,3-Trichloropropane

Concen: 4.675 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. -0.000 min

Lab File: VU061865.D

Acq: 20 Nov 2024 14:08

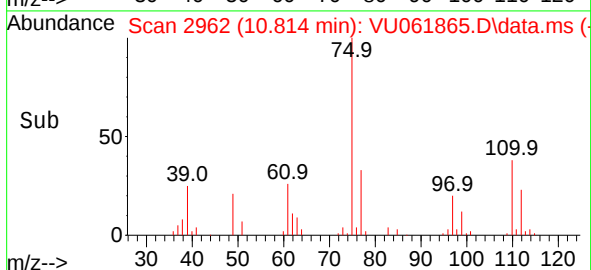
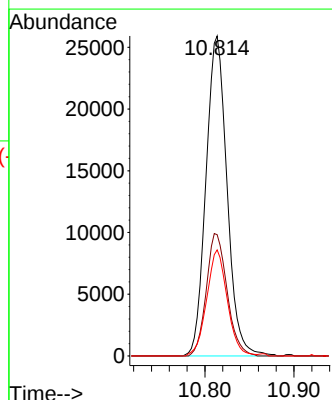
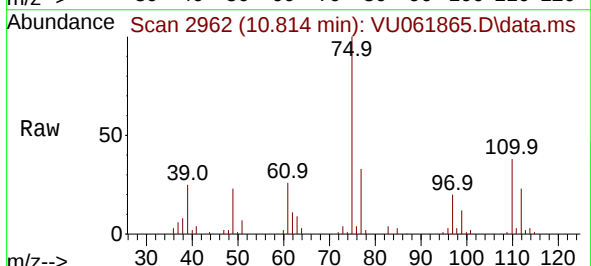
Tgt Ion: 75 Resp: 42582

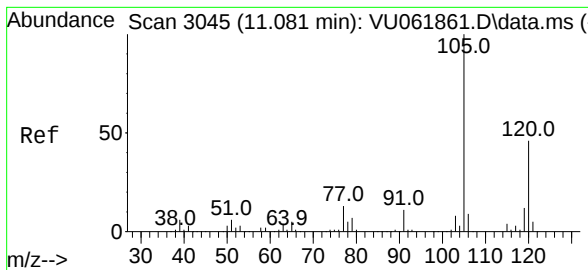
Ion Ratio Lower Upper

75 100

110 37.7 28.9 43.3

77 32.4 26.5 39.7

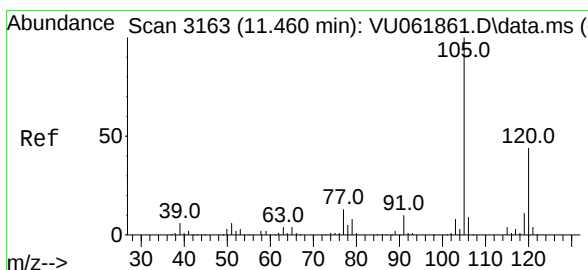
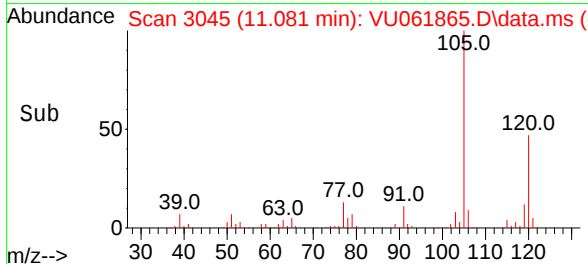
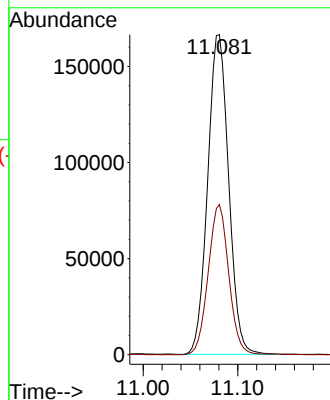
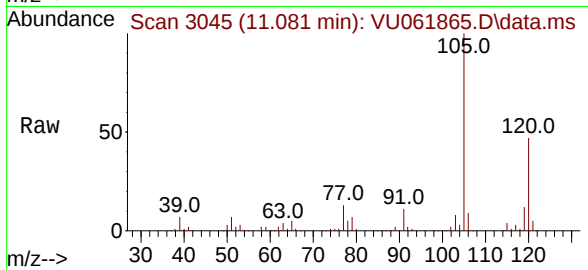




#62
1,3,5-Trimethylbenzene
Concen: 5.234 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. -0.000 min
Lab File: VU061865.D
Acq: 20 Nov 2024 14:08

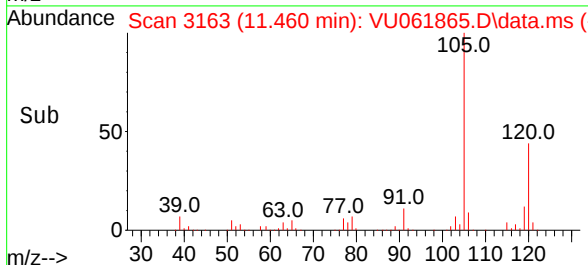
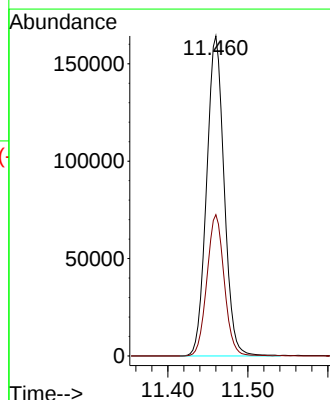
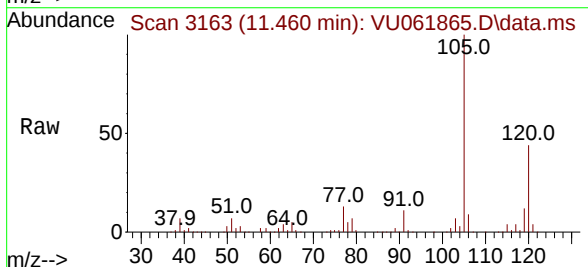
Instrument :
MSVOA_U
ClientSampleId :

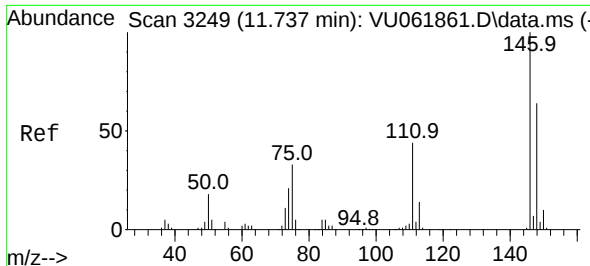
Tgt Ion:105 Resp: 256523
Ion Ratio Lower Upper
105 100
120 46.0 36.7 55.1



#63
1,2,4-Trimethylbenzene
Concen: 5.132 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VU061865.D
Acq: 20 Nov 2024 14:08

Tgt Ion:105 Resp: 250757
Ion Ratio Lower Upper
105 100
120 43.7 34.7 52.1

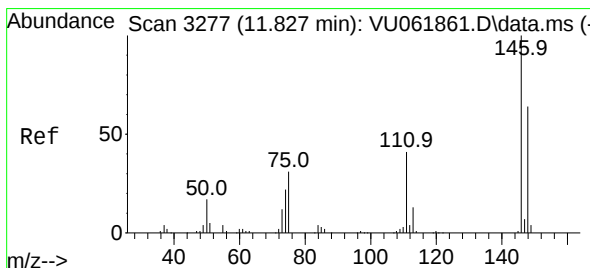
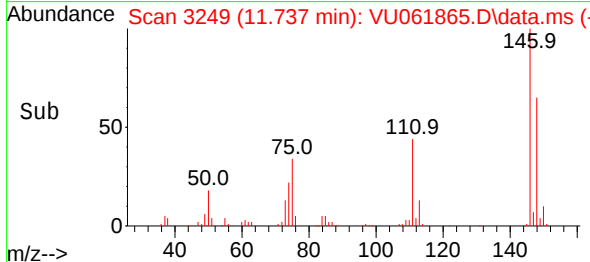
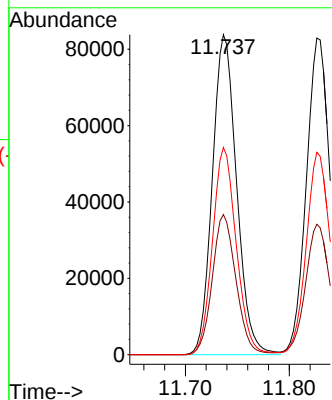
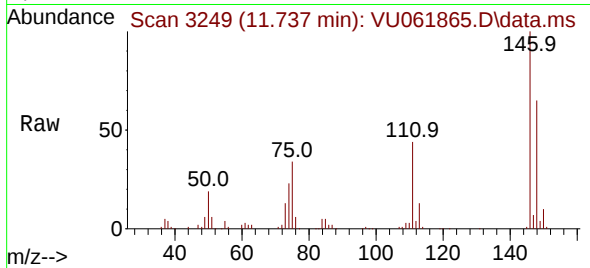




#64
1,3-Dichlorobenzene
Concen: 4.987 ug/L
RT: 11.737 min Scan# 3249
Delta R.T. -0.000 min
Lab File: VU061865.D
Acq: 20 Nov 2024 14:08

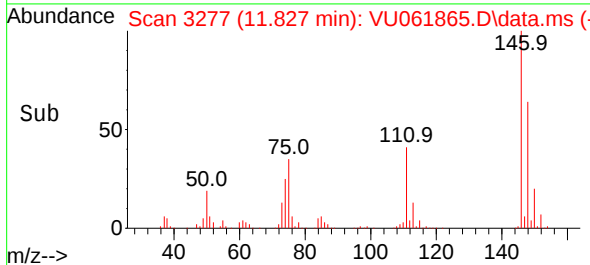
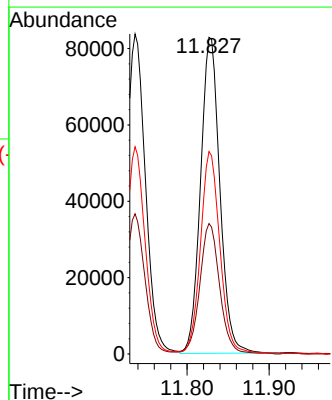
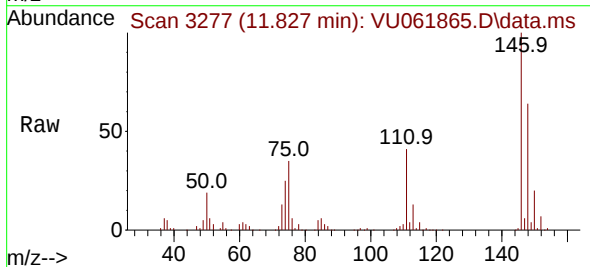
Instrument :
MSVOA_U
ClientSampleId :

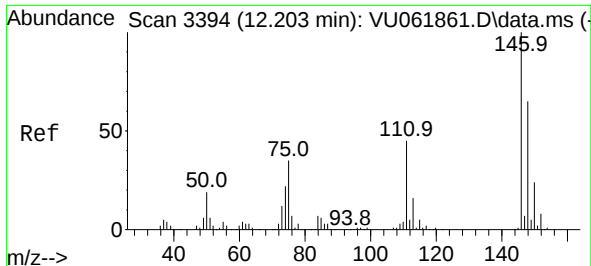
Tgt Ion:146 Resp: 136022
Ion Ratio Lower Upper
146 100
111 43.8 30.7 57.1
148 64.7 45.1 83.7



#65
1,4-Dichlorobenzene
Concen: 5.131 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. -0.000 min
Lab File: VU061865.D
Acq: 20 Nov 2024 14:08

Tgt Ion:146 Resp: 135439
Ion Ratio Lower Upper
146 100
111 41.2 29.3 54.3
148 63.9 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 5.316 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. -0.000 min

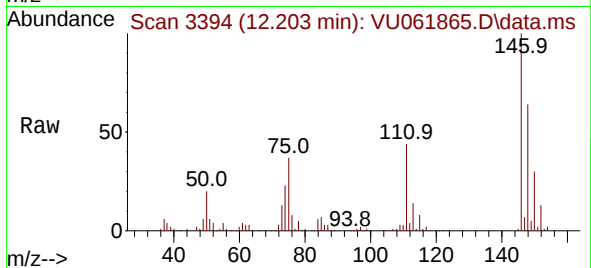
Lab File: VU061865.D

Acq: 20 Nov 2024 14:08

Instrument :

MSVOA_U

ClientSampleId :



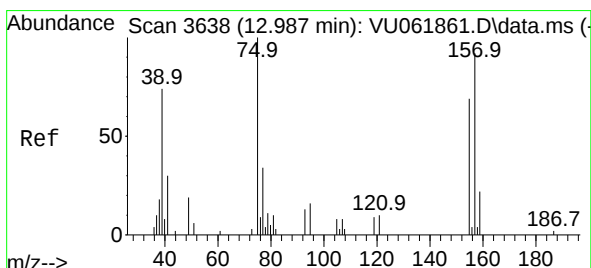
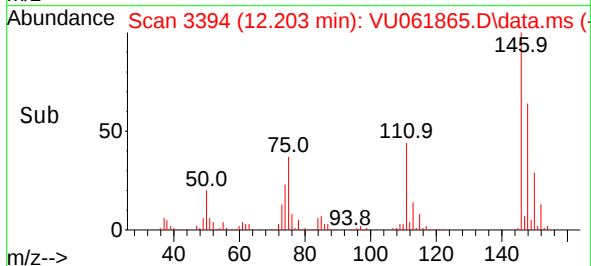
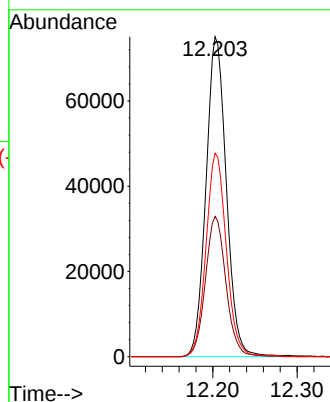
Tgt Ion:146 Resp: 126104

Ion Ratio Lower Upper

146 100

111 43.9 36.0 54.0

148 63.6 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.393 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.000 min

Lab File: VU061865.D

Acq: 20 Nov 2024 14:08

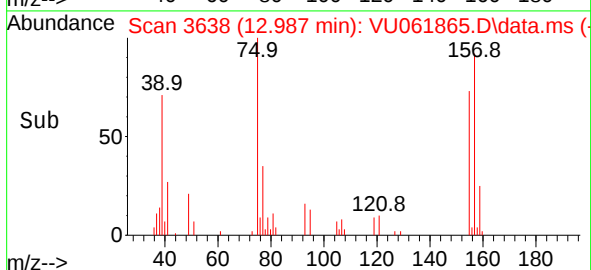
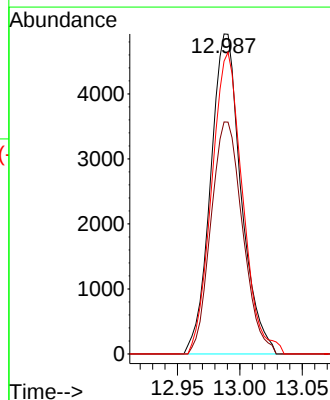
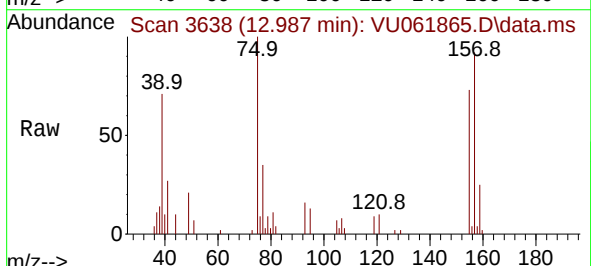
Tgt Ion: 75 Resp: 8384

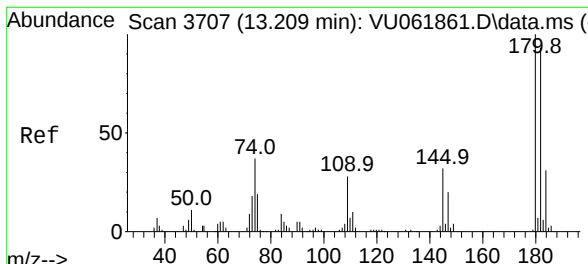
Ion Ratio Lower Upper

75 100

155 72.5 55.2 82.8

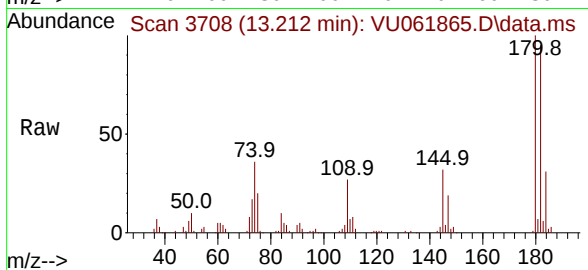
157 91.5 73.5 110.3



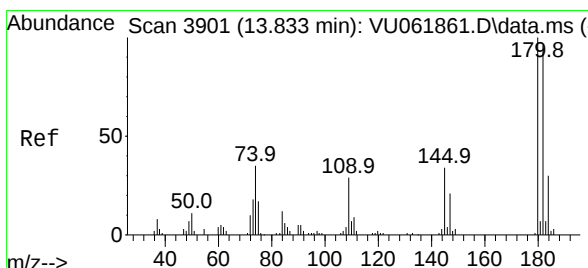
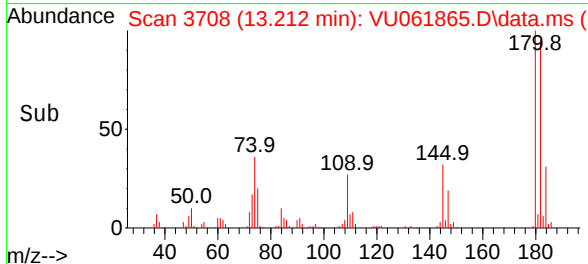
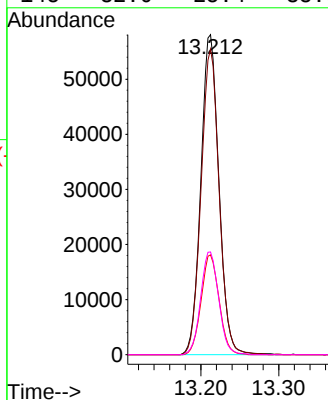


#69
 1,3,5-Trichlorobenzene
 Concen: 5.777 ug/L
 RT: 13.212 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU061865.D
 Acq: 20 Nov 2024 14:08

Instrument :
 MSVOA_U
 ClientSampleId :

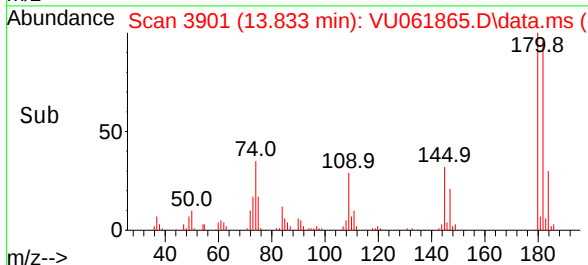
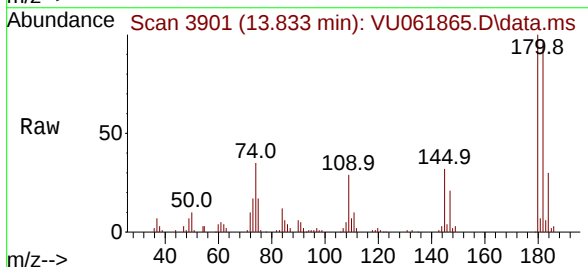
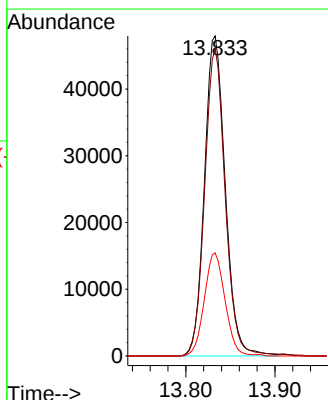


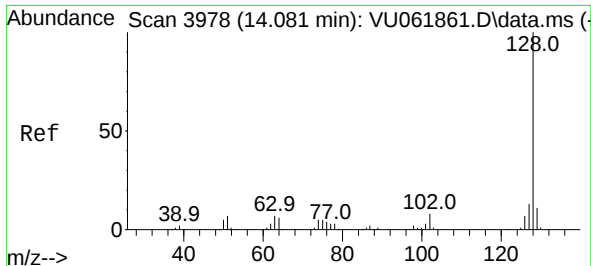
Tgt Ion:180 Resp: 93745
 Ion Ratio Lower Upper
 180 100
 182 95.2 76.7 115.1
 184 30.9 24.8 37.2
 145 32.0 25.4 38.0



#70
 1,2,4-trichlorobenzene
 Concen: 6.249 ug/L
 RT: 13.833 min Scan# 3901
 Delta R.T. -0.000 min
 Lab File: VU061865.D
 Acq: 20 Nov 2024 14:08

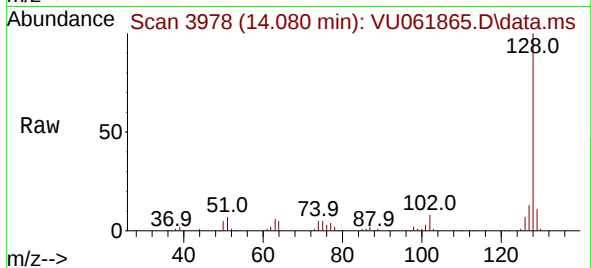
Tgt Ion:180 Resp: 77720
 Ion Ratio Lower Upper
 180 100
 182 95.1 74.5 111.7
 145 32.2 25.6 38.4



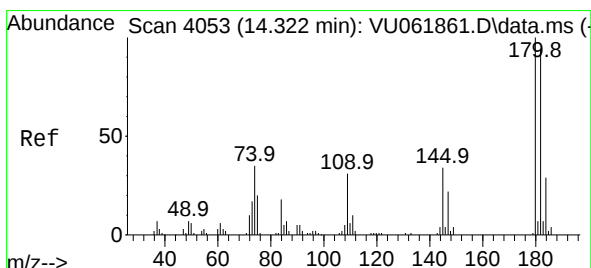
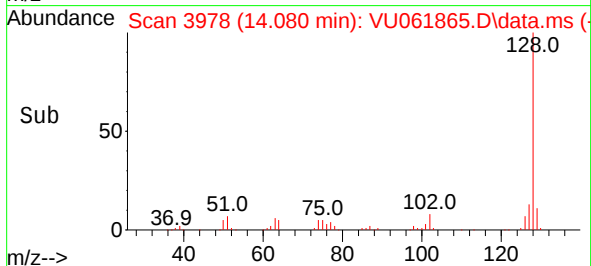
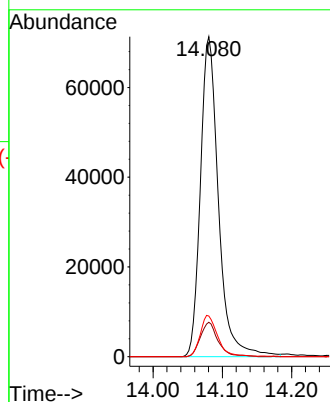


#71
Naphthalene
Concen: 6.439 ug/L
RT: 14.080 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU061865.D
Acq: 20 Nov 2024 14:08

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 129080
Ion Ratio Lower Upper
128 100
129 10.6 8.5 12.7
127 12.4 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 6.278 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU061865.D
Acq: 20 Nov 2024 14:08

Tgt Ion:180 Resp: 67249
Ion Ratio Lower Upper
180 100
182 95.4 76.1 114.1
145 33.8 27.4 41.0

