

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112124\
 Data File : VU061933.D
 Acq On : 21 Nov 2024 21:58
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 21 23:13:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 21 23:06:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	169765	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	161130	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	78112	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	36670	4.404	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.000%
7) Chloroethane-d5	1.904	69	35022	4.754	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.000%
11) 1,1-Dichloroethene-d2	2.560	65	15450	4.644	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.800%
20) 2-Butanone-d5	4.611	46	136410	52.165	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.340%
24) Chloroform-d	5.052	84	100331	4.939	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
26) 1,2-Dichloroethane-d4	5.692	65	51735	4.948	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	5.717	84	167151	5.324	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.400%
36) 1,2-Dichloropropane-d6	6.682	67	66456	6.230	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	124.600%
41) Toluene-d8	7.888	98	150336	5.741	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.800%
43) trans-1,3-Dichloroprop...	8.174	79	23008	5.826	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	116.600%
46) 2-Hexanone-d5	8.624	63	103874	57.627	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.260%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	54374	5.101	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.000%
66) 1,2-Dichlorobenzene-d4	12.183	152	59019	5.110	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	63541	4.278	ug/L	99
3) Chloromethane	1.515	50	66216	4.325	ug/L	98
5) Vinyl chloride	1.599	62	69698	4.431	ug/L	100
6) Bromomethane	1.846	94	43309	4.626	ug/L	98
8) Chloroethane	1.927	64	42594	4.200	ug/L	97
9) Trichlorofluoromethane	2.132	101	100645	5.059	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	53524	4.372	ug/L	96
12) 1,1-Dichloroethene	2.573	96	51391	4.514	ug/L	98
13) Acetone	2.618	43	81750	45.280	ug/L	98
14) Carbon disulfide	2.785	76	158442	4.375	ug/L	99
15) Methyl Acetate	2.946	43	21592	4.657	ug/L	99
16) Methylene chloride	3.036	84	60483	4.424	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	132824	4.552	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	55830	4.639	ug/L	95
19) 1,1-Dichloroethane	3.856	63	107674	4.593	ug/L	99
21) 2-Butanone	4.692	43	135454	46.421	ug/L	99
22) cis-1,2-Dichloroethene	4.656	96	62488	4.614	ug/L	99
23) Bromochloromethane	4.965	128	27806	4.723	ug/L	95
25) Chloroform	5.074	83	114133	4.657	ug/L	99

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 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 21 23:13:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 21 23:06:37 2024
 Response via : Initial Calibration

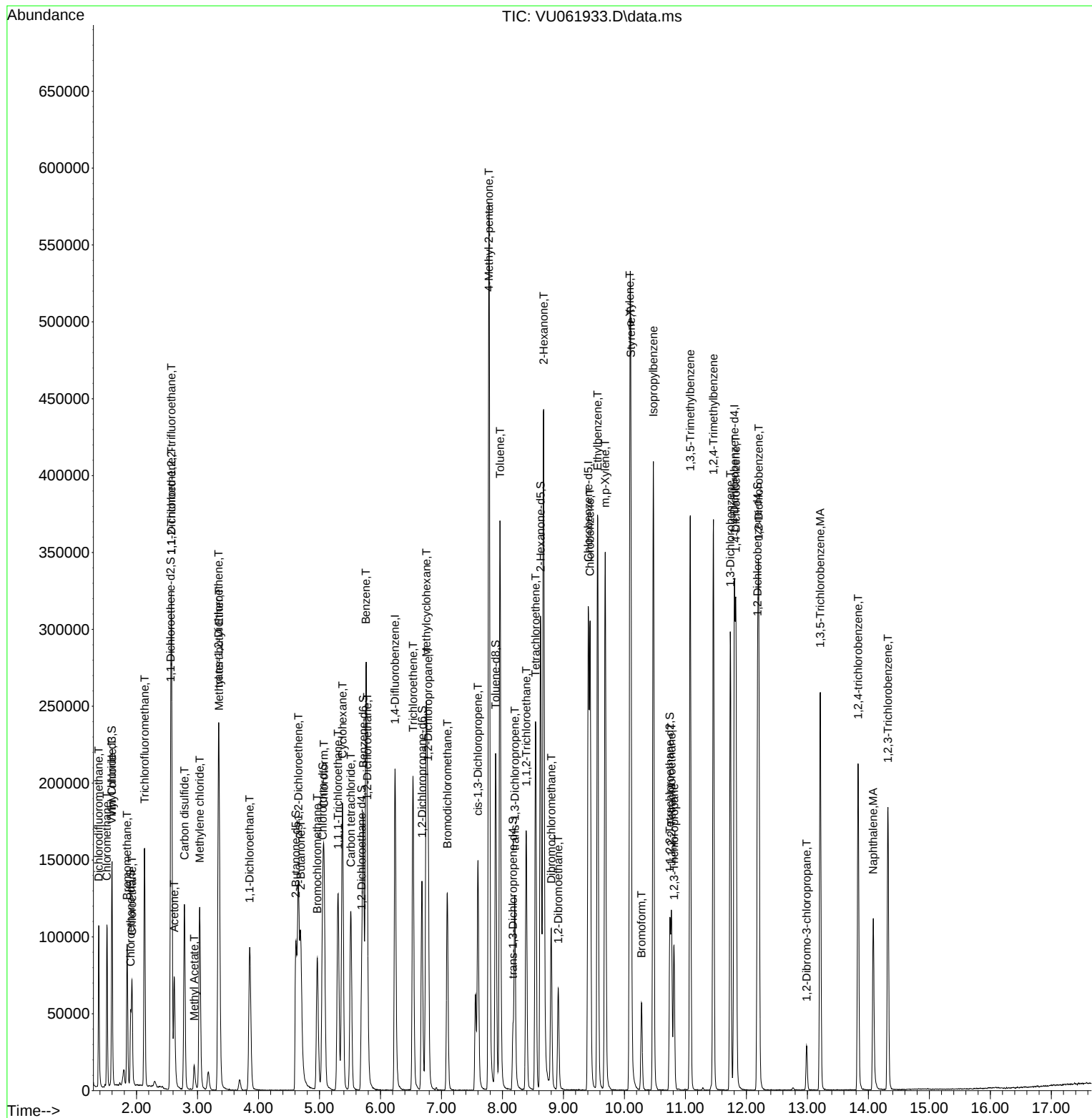
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	72795	4.618	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	92953	5.005	ug/L	99
30) Cyclohexane	5.377	56	92310	4.752	ug/L	98
31) Carbon tetrachloride	5.515	117	79988	5.072	ug/L	99
33) Benzene	5.763	78	246726	5.070	ug/L	100
34) Trichloroethene	6.534	95	74117	5.707	ug/L	99
35) Methylcyclohexane	6.753	83	97905	4.928	ug/L	98
37) 1,2-Dichloropropane	6.782	63	70670	5.590	ug/L	98
38) Bromodichloromethane	7.097	83	85979	5.608	ug/L	100
39) cis-1,3-Dichloropropene	7.598	75	95220	5.372	ug/L	99
40) 4-Methyl-2-pentanone	7.779	43	374737	54.937	ug/L	98
42) Toluene	7.962	91	275586	5.397	ug/L	95
44) trans-1,3-Dichloropropene	8.203	75	75599	5.370	ug/L	97
45) 1,1,2-Trichloroethane	8.389	97	53110	5.702	ug/L	98
47) Tetrachloroethene	8.544	164	52564	5.565	ug/L	96
48) 2-Hexanone	8.676	43	287536	56.286	ug/L	98
49) Dibromochloromethane	8.801	129	53863	5.475	ug/L	97
50) 1,2-Dibromoethane	8.914	107	46547	5.035	ug/L	99
51) Chlorobenzene	9.438	112	157952	4.516	ug/L	98
52) Ethylbenzene	9.560	91	271078	4.436	ug/L	99
53) m,p-Xylene	9.685	106	100617	4.666	ug/L	98
54) o-Xylene	10.090	106	98408	4.521	ug/L	95
55) Styrene	10.106	104	163724	4.566	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.772	83	55191	4.624	ug/L	98
59) Bromoform	10.280	173	24243	4.175	ug/L	99
60) Isopropylbenzene	10.476	105	262588	4.311	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	38684	4.284	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	206795	4.256	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	205803	4.249	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	117593	4.349	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	116936	4.468	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	110671	4.706	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	7795	5.058	ug/L	94
69) 1,3,5-Trichlorobenzene	13.212	180	79133	4.919	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	63503	5.150	ug/L	98
71) Naphthalene	14.081	128	98633	4.963	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	54961	5.175	ug/L	100

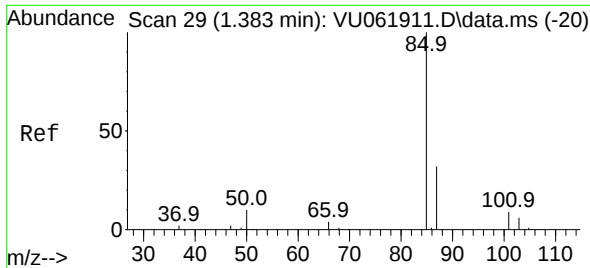
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Misc : 25mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

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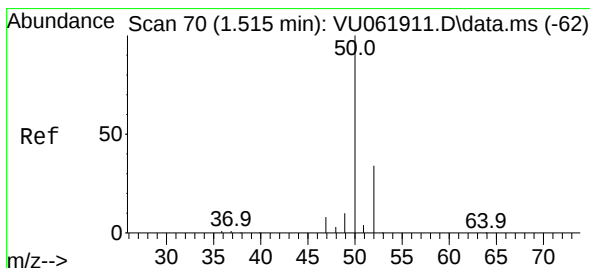
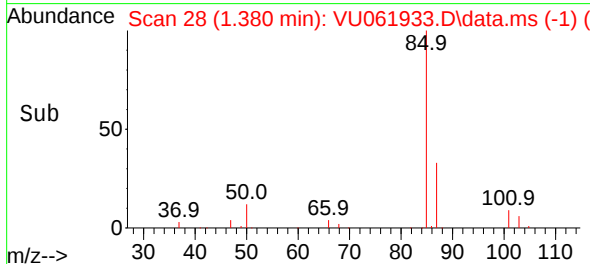
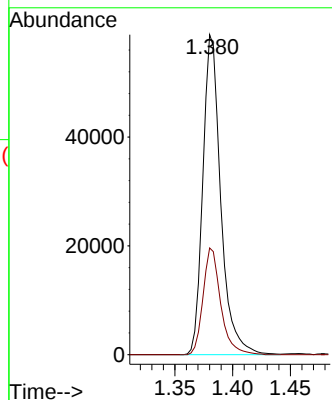
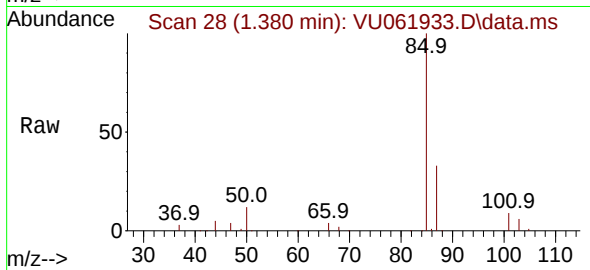




#2
 Dichlorodifluoromethane
 Concen: 4.278 ug/L
 RT: 1.380 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU061933.D
 Acq: 21 Nov 2024 21:58

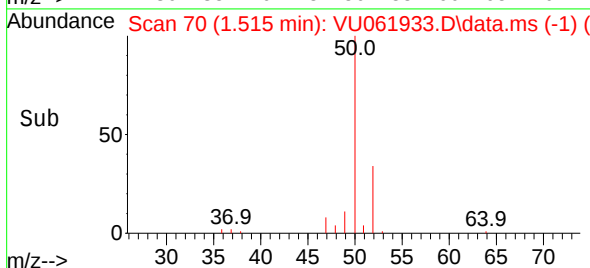
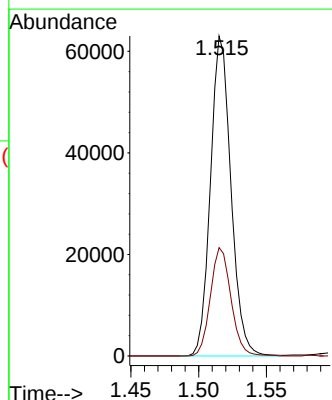
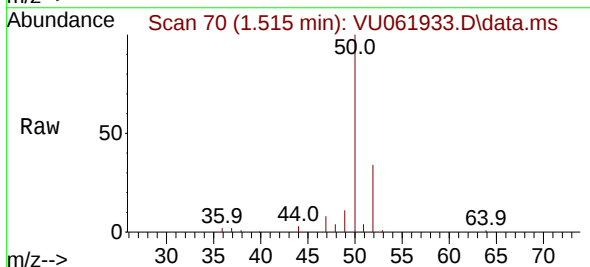
Instrument :
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 ClientSampleId :

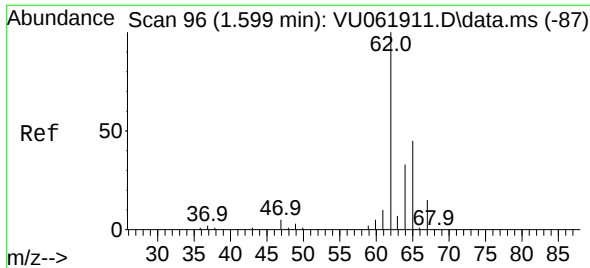
Tgt Ion: 85 Resp: 63541
 Ion Ratio Lower Upper
 85 100
 87 32.8 26.6 40.0



#3
 Chloromethane
 Concen: 4.325 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VU061933.D
 Acq: 21 Nov 2024 21:58

Tgt Ion: 50 Resp: 66216
 Ion Ratio Lower Upper
 50 100
 52 33.9 23.1 42.9

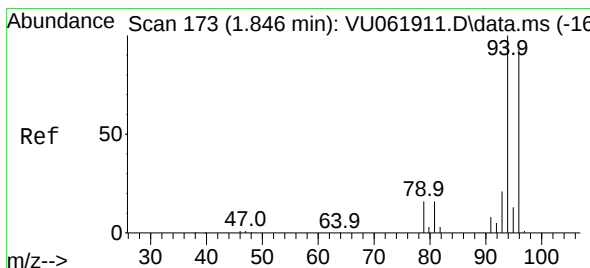
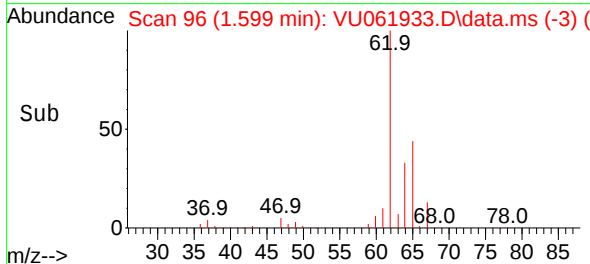
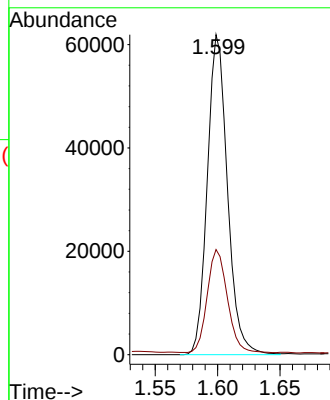
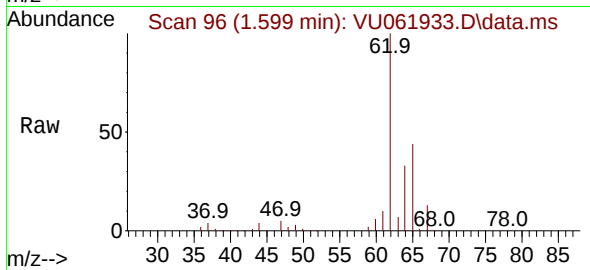




#5
 Vinyl chloride
 Concen: 4.431 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. -0.000 min
 Lab File: VU061933.D
 Acq: 21 Nov 2024 21:58

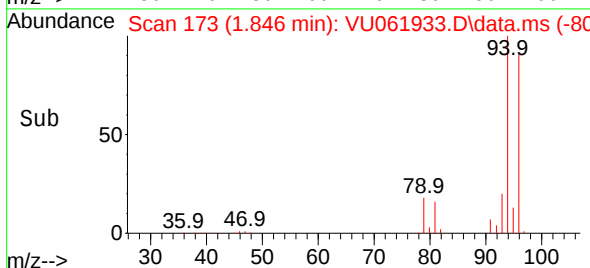
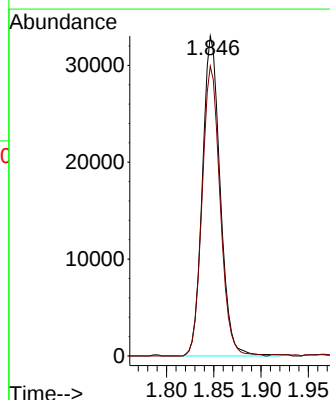
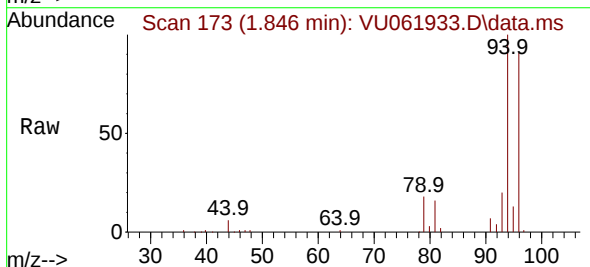
Instrument :
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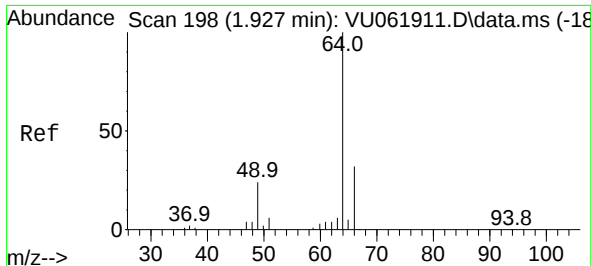
Tgt Ion: 62 Resp: 69698
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.1 42.9



#6
 Bromomethane
 Concen: 4.626 ug/L
 RT: 1.846 min Scan# 173
 Delta R.T. -0.000 min
 Lab File: VU061933.D
 Acq: 21 Nov 2024 21:58

Tgt Ion: 94 Resp: 43309
 Ion Ratio Lower Upper
 94 100
 96 90.6 64.5 119.9

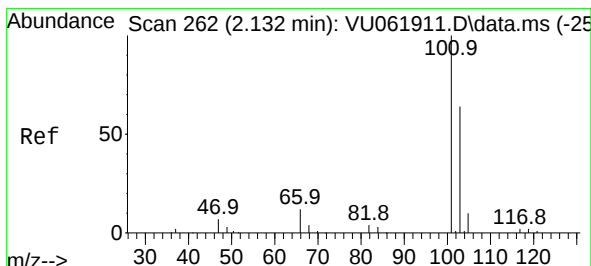
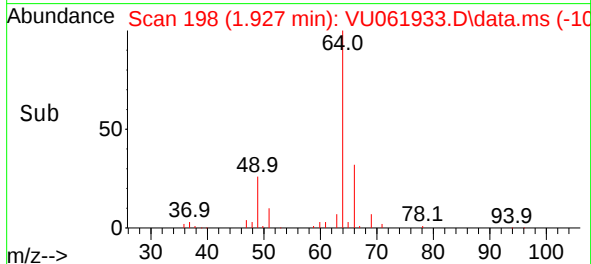
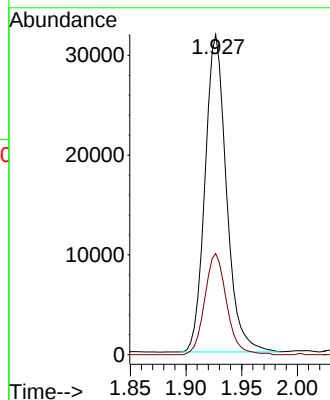
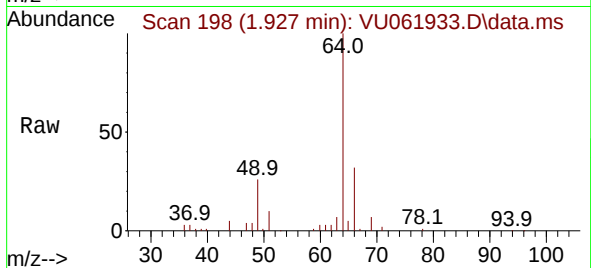




#8
Chloroethane
Concen: 4.200 ug/L
RT: 1.927 min Scan# 198
Delta R.T. -0.000 min
Lab File: VU061933.D
Acq: 21 Nov 2024 21:58

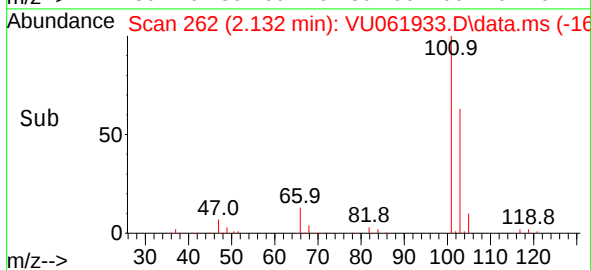
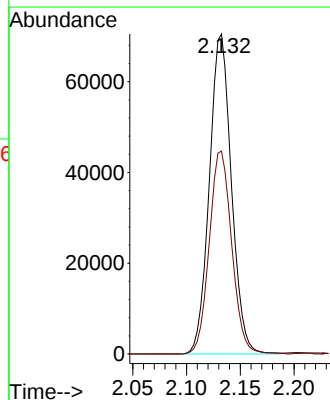
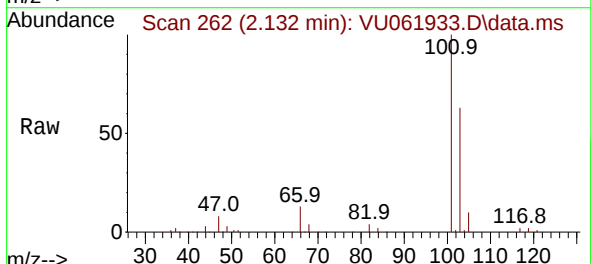
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ClientSampleId :

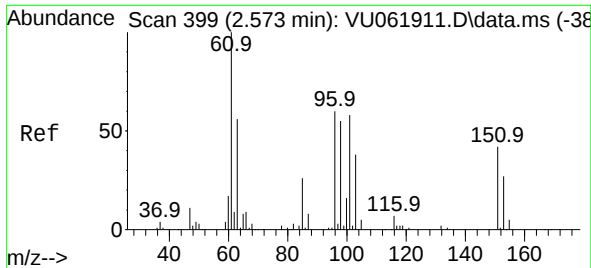
Tgt Ion: 64 Resp: 42594
Ion Ratio Lower Upper
64 100
66 31.6 23.2 43.2



#9
Trichlorofluoromethane
Concen: 5.059 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU061933.D
Acq: 21 Nov 2024 21:58

Tgt Ion:101 Resp: 100645
Ion Ratio Lower Upper
101 100
103 64.6 50.6 75.8

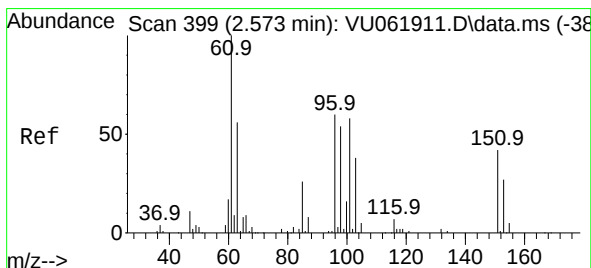
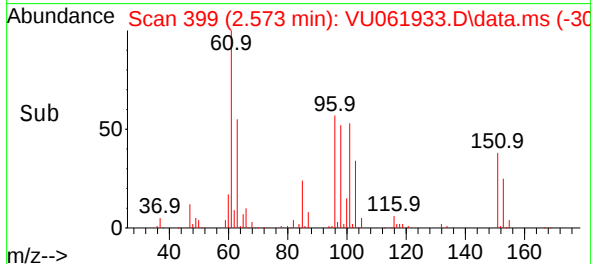
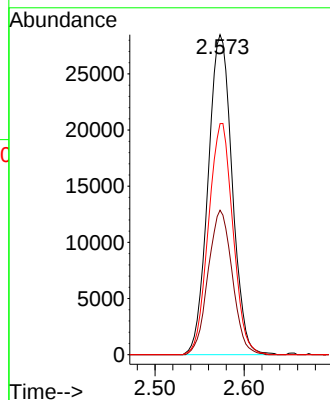
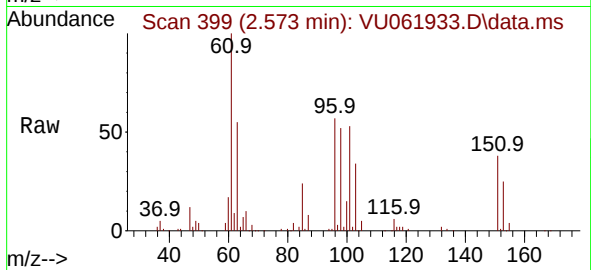




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.372 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU061933.D
 Acq: 21 Nov 2024 21:58

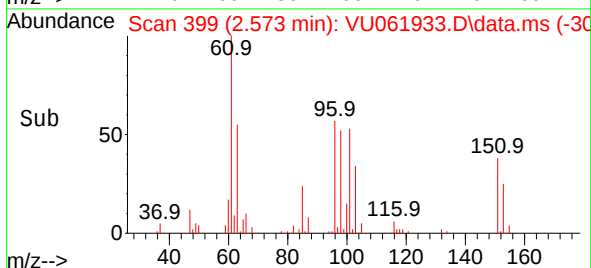
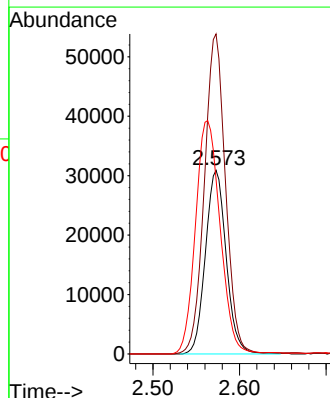
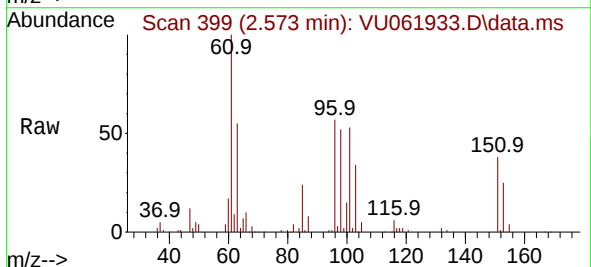
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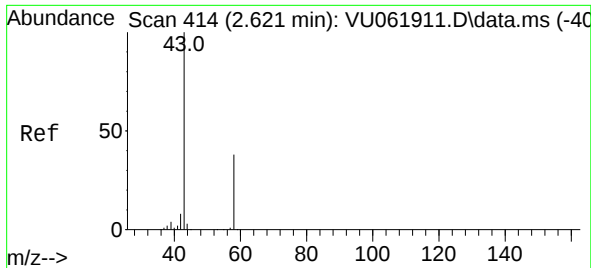
Tgt Ion:101 Resp: 53524
 Ion Ratio Lower Upper
 101 100
 85 45.2 38.0 57.0
 151 73.3 55.3 82.9



#12
 1,1-Dichloroethene
 Concen: 4.514 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU061933.D
 Acq: 21 Nov 2024 21:58

Tgt Ion: 96 Resp: 51391
 Ion Ratio Lower Upper
 96 100
 61 174.2 119.6 222.2
 63 95.2 65.0 120.6





#13

Acetone

Concen: 45.280 ug/L

RT: 2.618 min Scan# 41

Delta R.T. -0.003 min

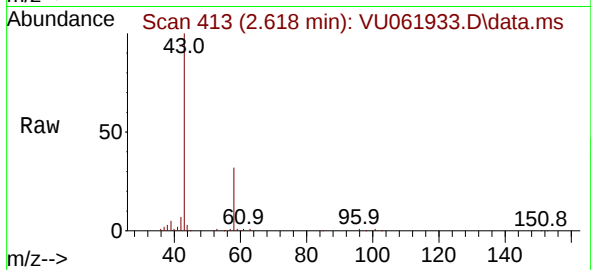
Lab File: VU061933.D

Acq: 21 Nov 2024 21:58

Instrument :

MSVOA_U

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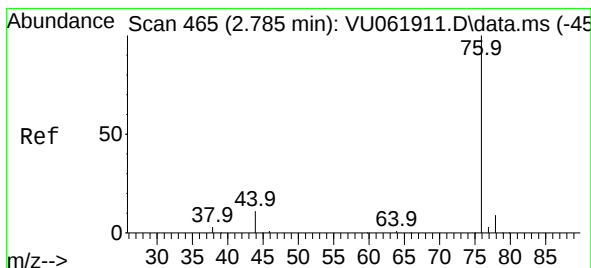
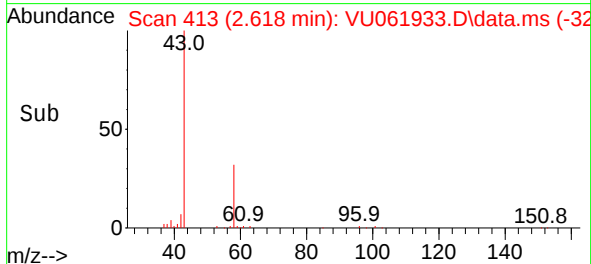
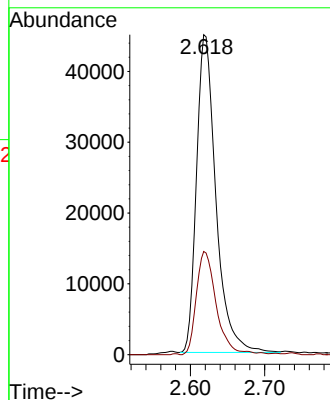


Tgt Ion: 43 Resp: 81750

Ion Ratio Lower Upper

43 100

58 33.2 0.0 64.0



#14

Carbon disulfide

Concen: 4.375 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.000 min

Lab File: VU061933.D

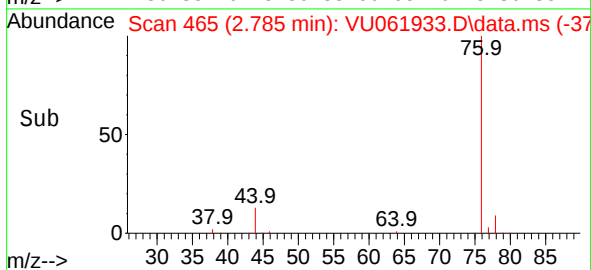
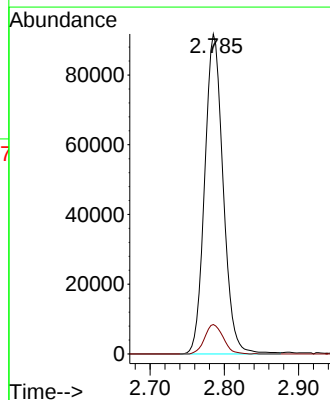
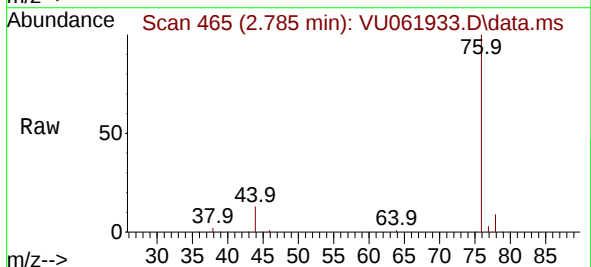
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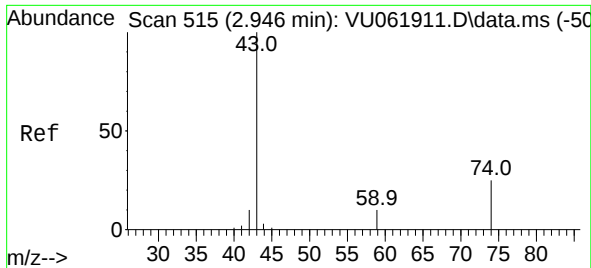
Tgt Ion: 76 Resp: 158442

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3

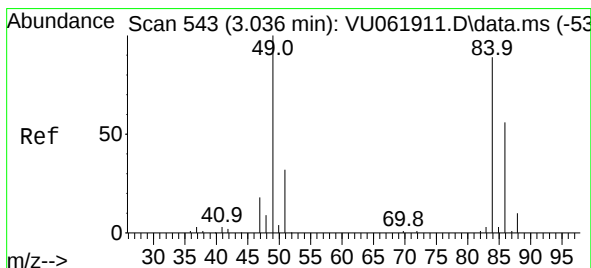
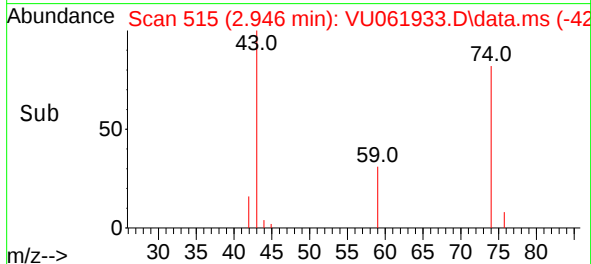
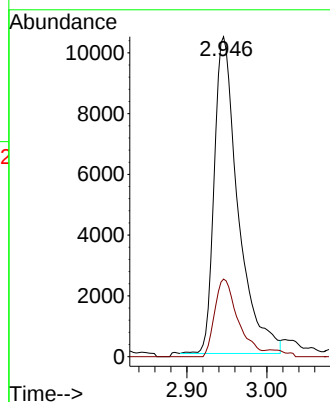
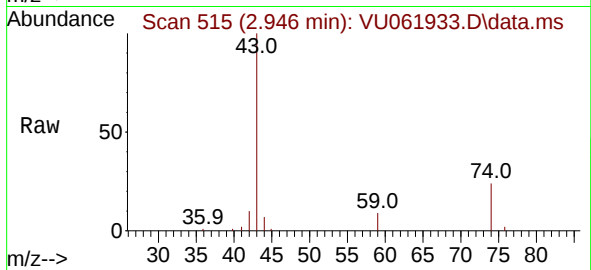




#15
Methyl Acetate
Concen: 4.657 ug/L
RT: 2.946 min Scan# 515
Delta R.T. -0.000 min
Lab File: VU061933.D
Acq: 21 Nov 2024 21:58

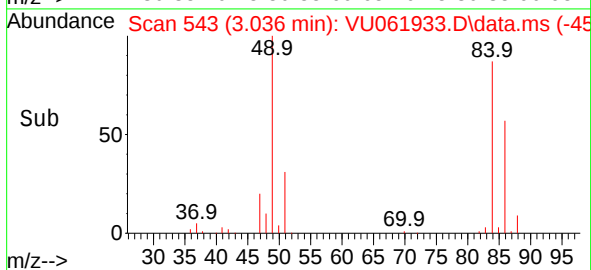
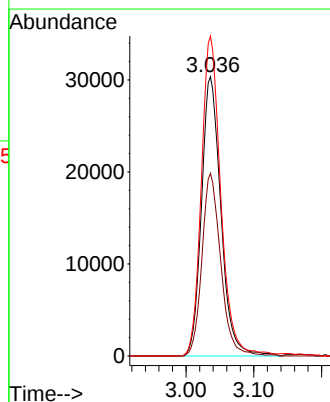
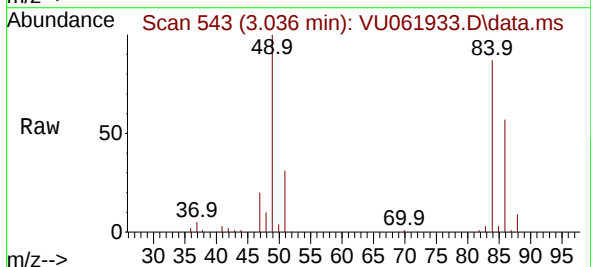
Instrument :
MSVOA_U
ClientSampleId :

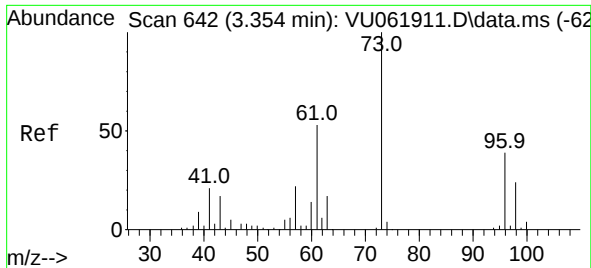
Tgt Ion: 43 Resp: 21592
Ion Ratio Lower Upper
43 100
74 23.8 19.4 29.2



#16
Methylene chloride
Concen: 4.424 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.000 min
Lab File: VU061933.D
Acq: 21 Nov 2024 21:58

Tgt Ion: 84 Resp: 60483
Ion Ratio Lower Upper
84 100
86 65.4 43.5 80.7
49 114.5 81.9 152.1

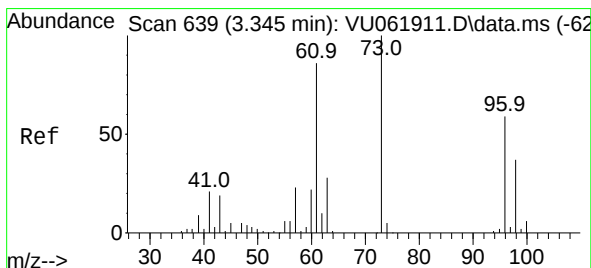
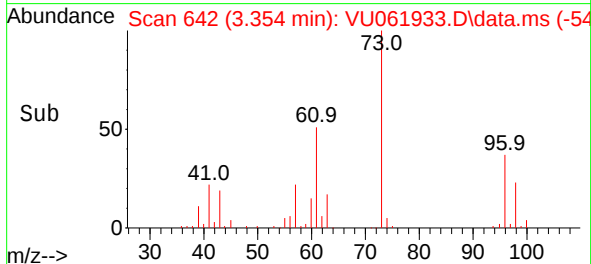
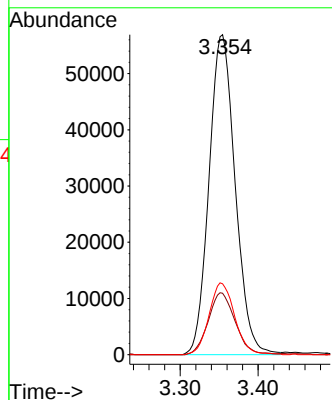
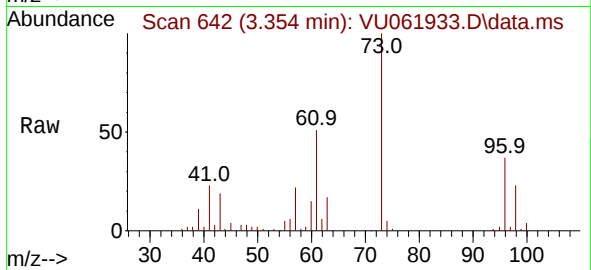




#17
Methyl tert-butyl Ether
Concen: 4.552 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU061933.D
Acq: 21 Nov 2024 21:58

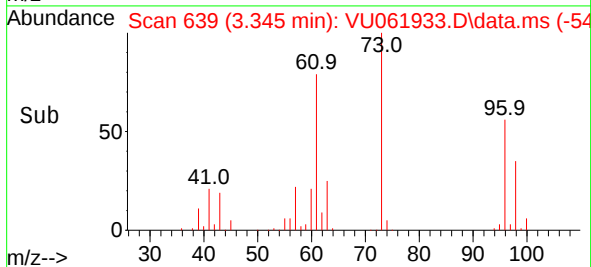
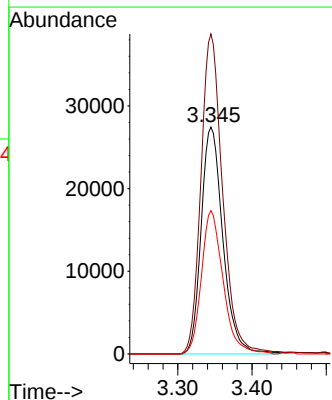
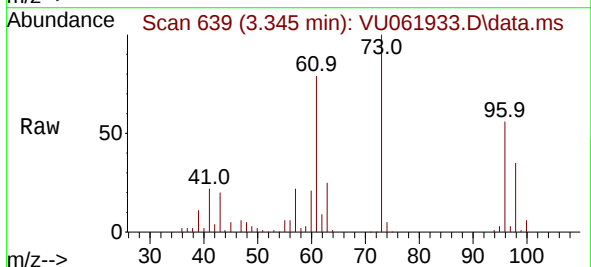
Instrument :
MSVOA_U
ClientSampleId :

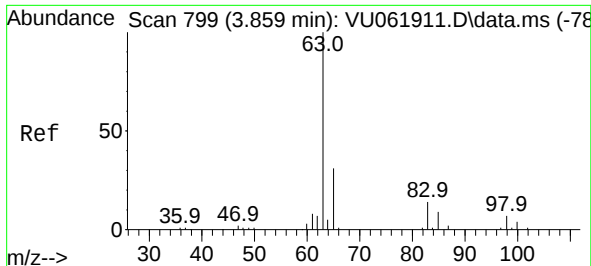
Tgt Ion: 73 Resp: 132824
Ion Ratio Lower Upper
73 100
43 19.9 16.3 24.5
57 22.0 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 4.639 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.000 min
Lab File: VU061933.D
Acq: 21 Nov 2024 21:58

Tgt Ion: 96 Resp: 55830
Ion Ratio Lower Upper
96 100
61 141.0 104.2 193.4
98 63.2 45.7 84.9

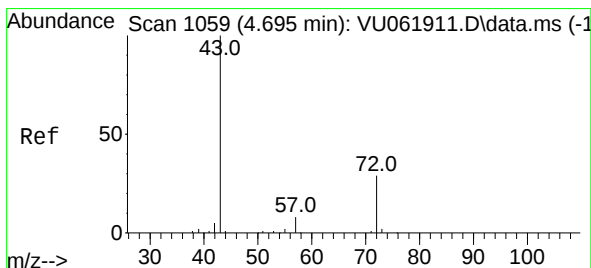
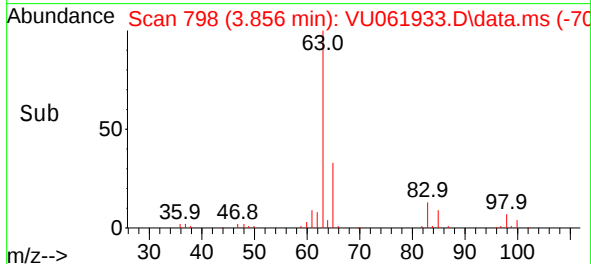
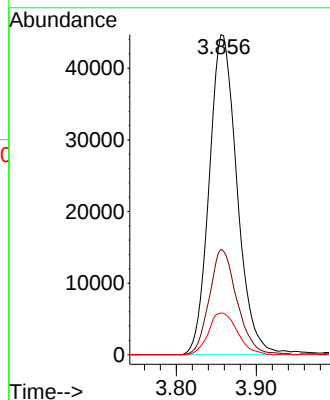
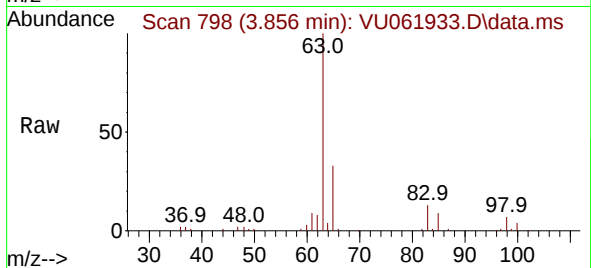




#19
1,1-Dichloroethane
Concen: 4.593 ug/L
RT: 3.856 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU061933.D
Acq: 21 Nov 2024 21:58

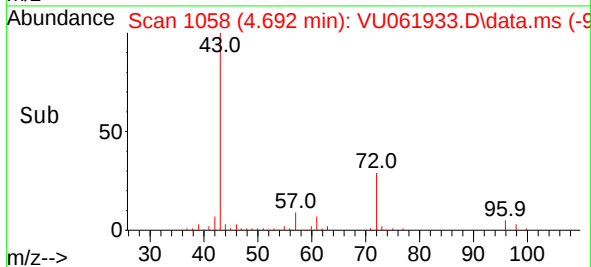
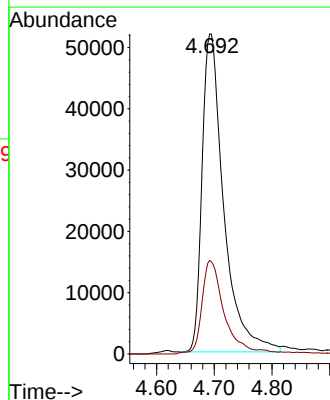
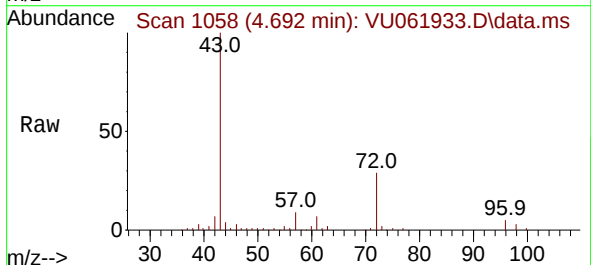
Instrument :
MSVOA_U
ClientSampleId :

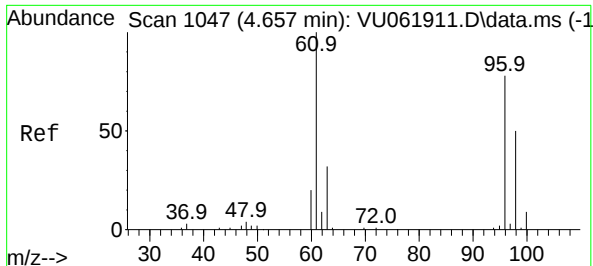
Tgt Ion: 63 Resp: 107674
Ion Ratio Lower Upper
63 100
65 32.9 22.7 42.3
83 13.0 9.9 18.3



#21
2-Butanone
Concen: 46.421 ug/L
RT: 4.692 min Scan# 1058
Delta R.T. -0.003 min
Lab File: VU061933.D
Acq: 21 Nov 2024 21:58

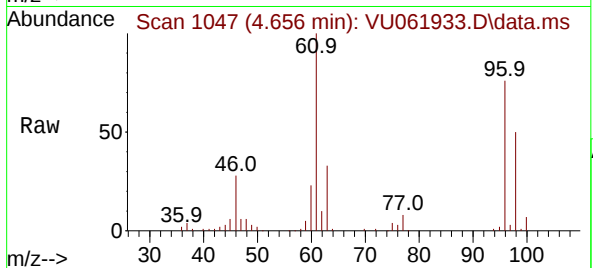
Tgt Ion: 43 Resp: 135454
Ion Ratio Lower Upper
43 100
72 29.3 14.8 44.4



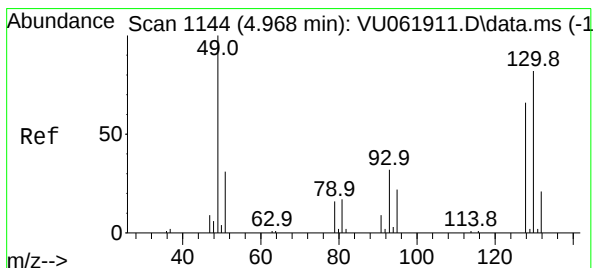
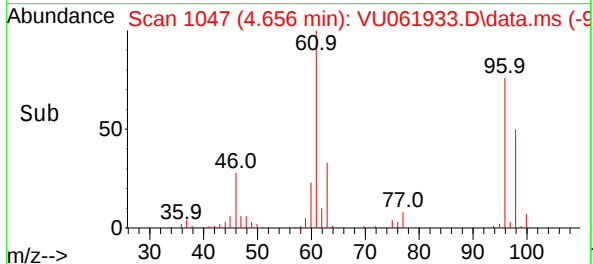
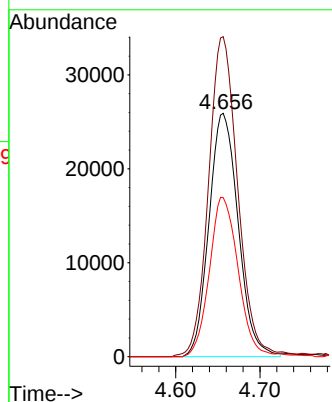


#22
cis-1,2-Dichloroethene
Concen: 4.614 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. -0.000 min
Lab File: VU061933.D
Acq: 21 Nov 2024 21:58

Instrument :
MSVOA_U
ClientSampleId :

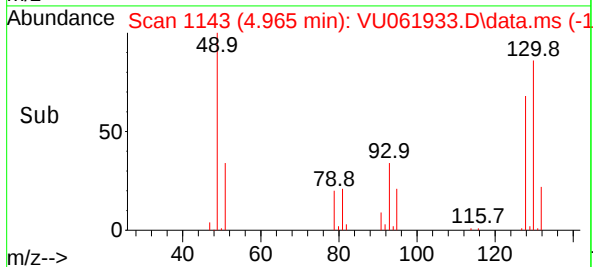
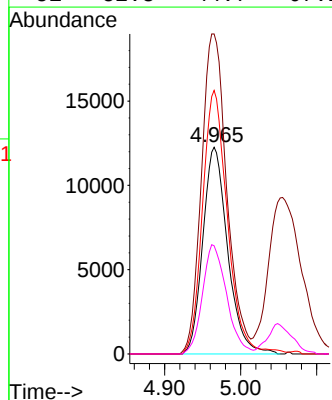
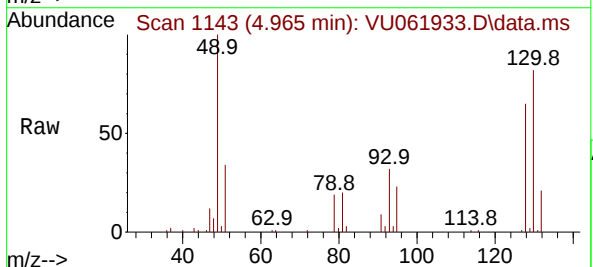


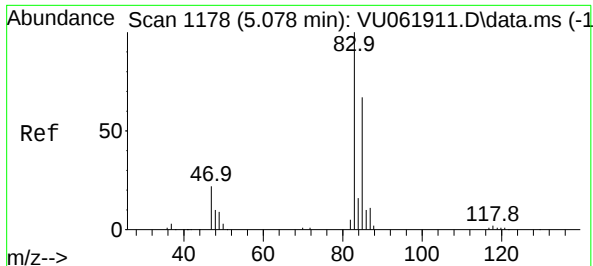
Tgt Ion: 96 Resp: 62488
Ion Ratio Lower Upper
96 100
61 131.5 92.0 170.8
98 65.4 44.5 82.7



#23
Bromochloromethane
Concen: 4.723 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. -0.003 min
Lab File: VU061933.D
Acq: 21 Nov 2024 21:58

Tgt Ion:128 Resp: 27806
Ion Ratio Lower Upper
128 100
49 154.8 115.3 214.1
130 127.5 92.0 170.8
51 52.3 44.7 67.1





#25

Chloroform

Concen: 4.657 ug/L

RT: 5.074 min Scan# 1178

Delta R.T. -0.003 min

Lab File: VU061933.D

Acq: 21 Nov 2024 21:58

Instrument :

MSVOA_U

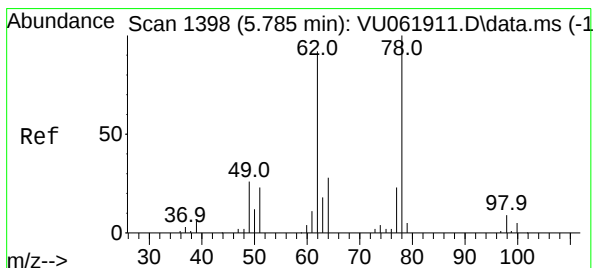
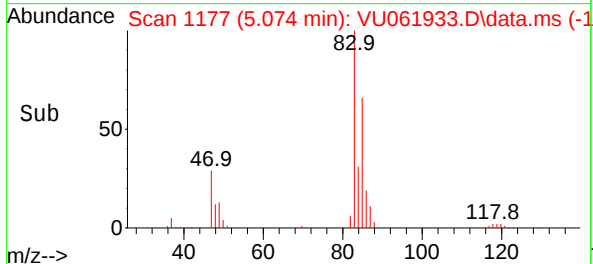
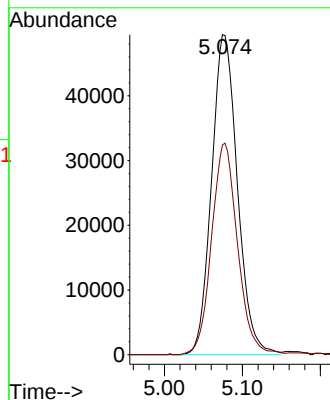
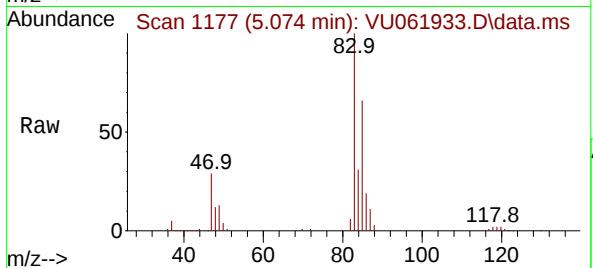
ClientSampleId :

Tgt Ion: 83 Resp: 114133

Ion Ratio Lower Upper

83 100

85 65.6 45.4 84.2



#27

1,2-Dichloroethane

Concen: 4.618 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VU061933.D

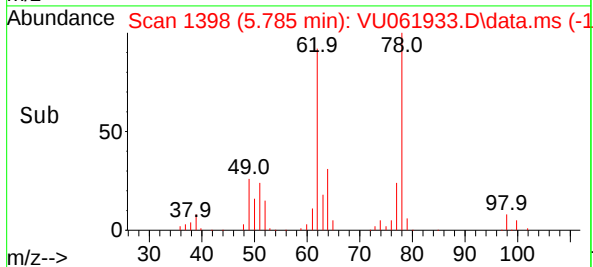
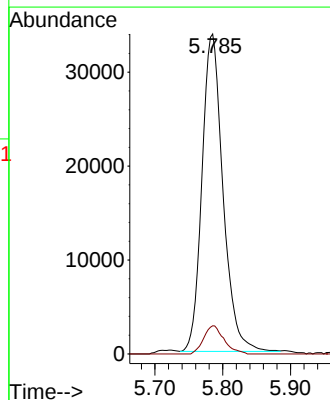
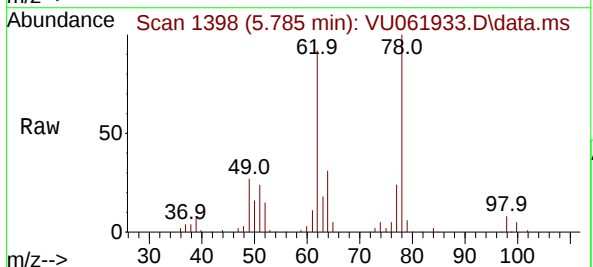
Acq: 21 Nov 2024 21:58

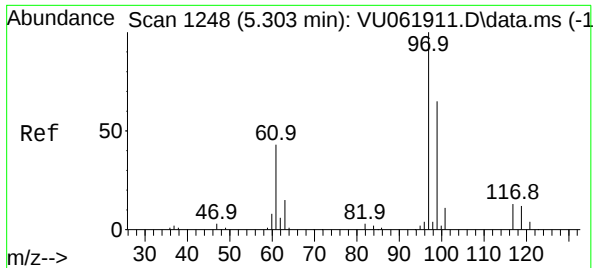
Tgt Ion: 62 Resp: 72795

Ion Ratio Lower Upper

62 100

98 8.8 7.4 11.0

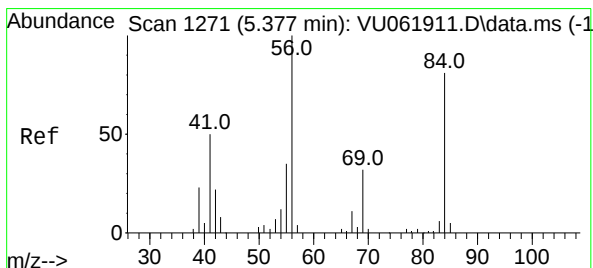
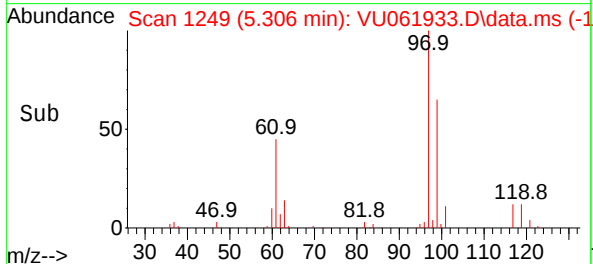
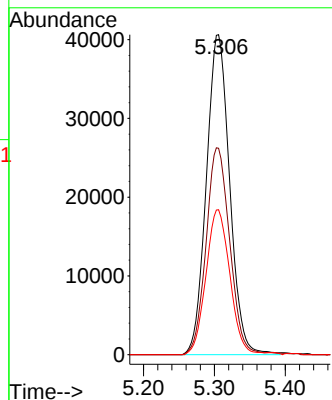
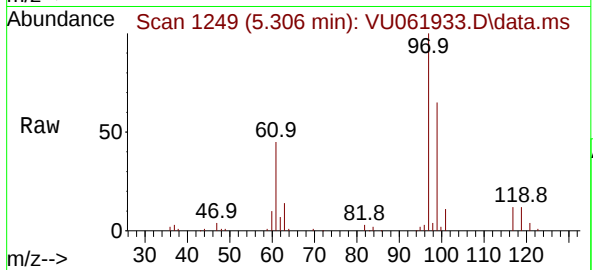




#29
1,1,1-Trichloroethane
Concen: 5.005 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.003 min
Lab File: VU061933.D
Acq: 21 Nov 2024 21:58

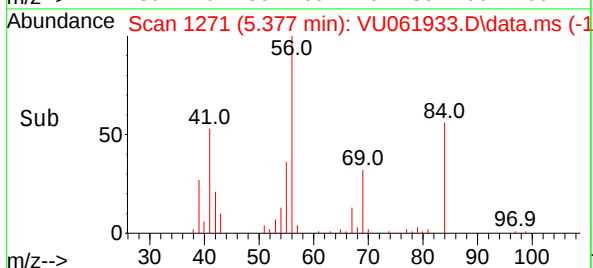
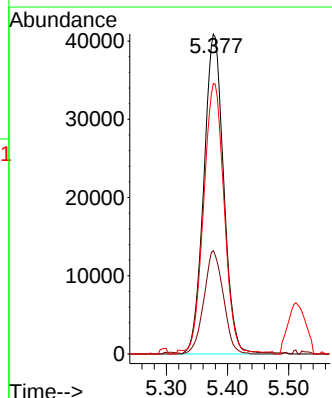
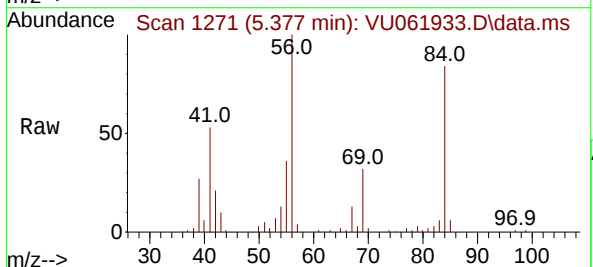
Instrument :
MSVOA_U
ClientSampleId :

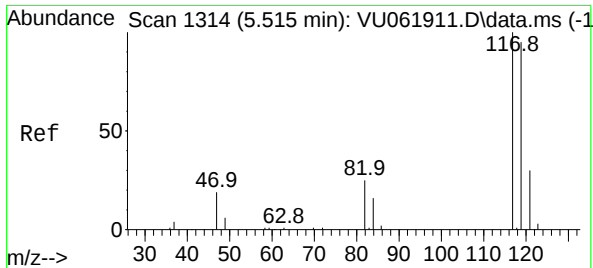
Tgt Ion: 97 Resp: 92953
Ion Ratio Lower Upper
97 100
99 65.4 51.4 77.2
61 46.4 37.8 56.6



#30
Cyclohexane
Concen: 4.752 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. -0.000 min
Lab File: VU061933.D
Acq: 21 Nov 2024 21:58

Tgt Ion: 56 Resp: 92310
Ion Ratio Lower Upper
56 100
69 31.5 25.1 37.7
84 85.2 70.6 105.8

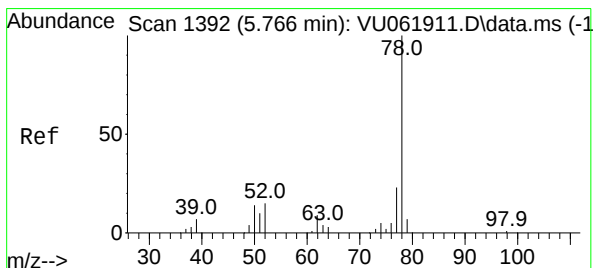
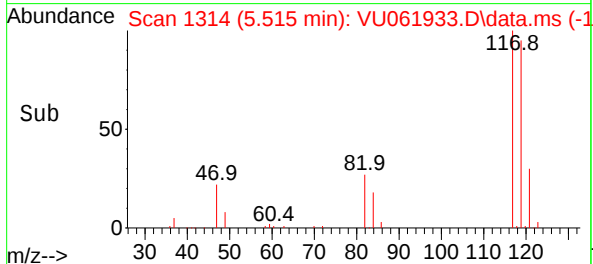
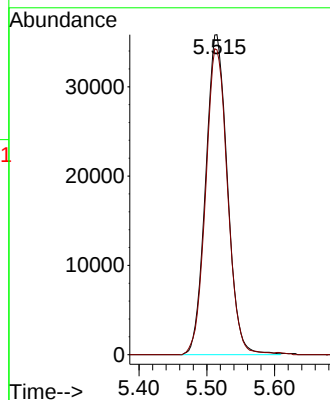
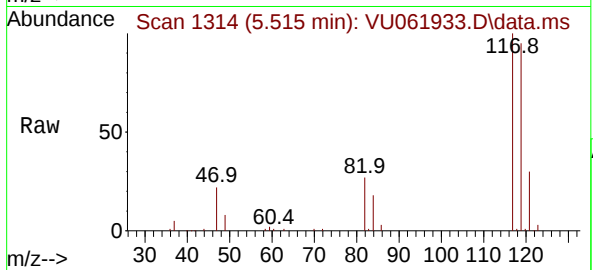




#31
Carbon tetrachloride
Concen: 5.072 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU061933.D
Acq: 21 Nov 2024 21:58

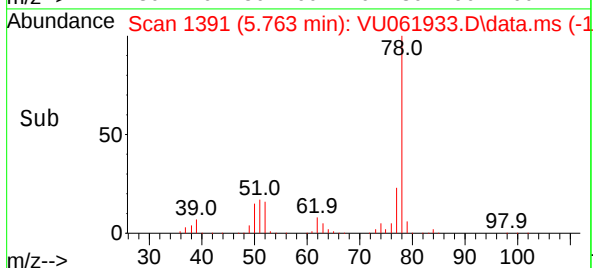
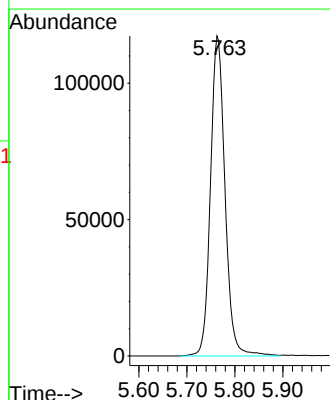
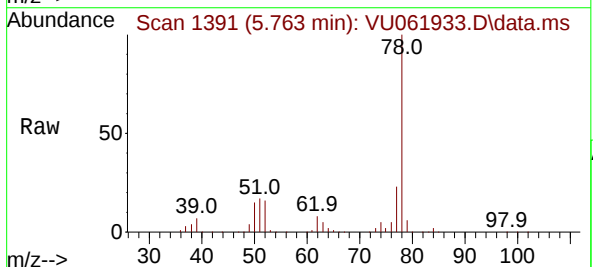
Instrument :
MSVOA_U
ClientSampleId :

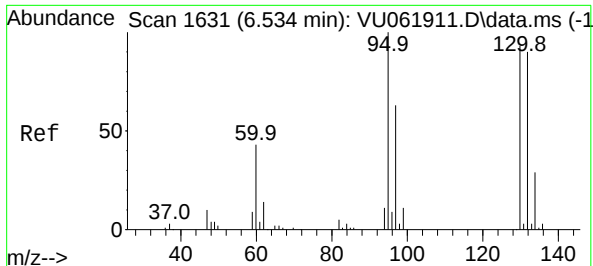
Tgt Ion:117 Resp: 79988
Ion Ratio Lower Upper
117 100
119 96.0 77.5 116.3



#33
Benzene
Concen: 5.070 ug/L
RT: 5.763 min Scan# 1391
Delta R.T. -0.003 min
Lab File: VU061933.D
Acq: 21 Nov 2024 21:58

Tgt Ion: 78 Resp: 246726





#34

Trichloroethene

Concen: 5.707 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU061933.D

Acq: 21 Nov 2024 21:58

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 74117

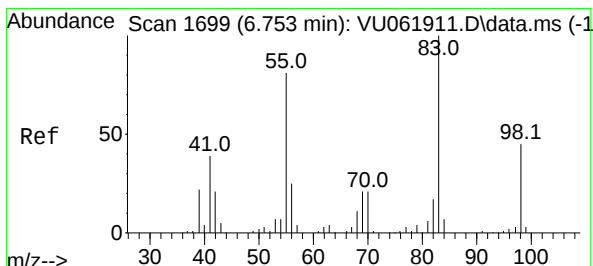
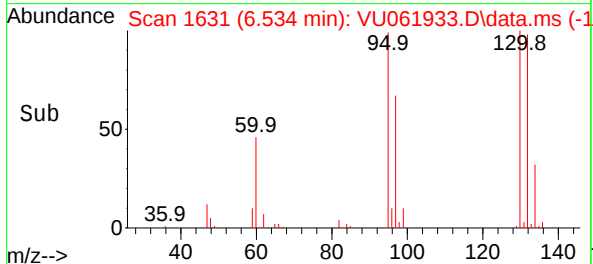
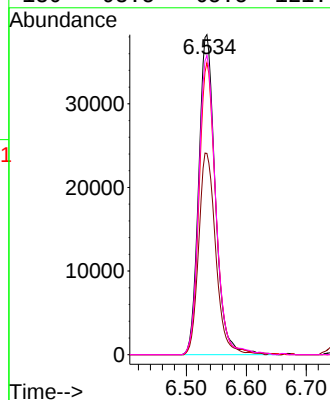
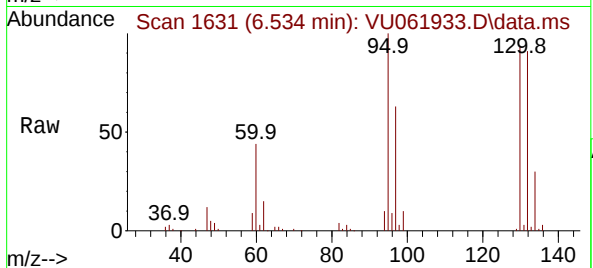
Ion Ratio Lower Upper

95 100

97 62.9 45.9 85.3

132 91.3 63.8 118.4

130 93.5 65.5 121.7



#35

Methylcyclohexane

Concen: 4.928 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. -0.000 min

Lab File: VU061933.D

Acq: 21 Nov 2024 21:58

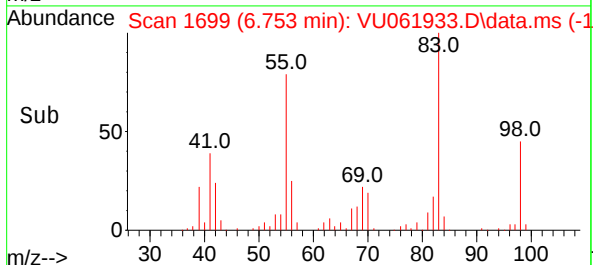
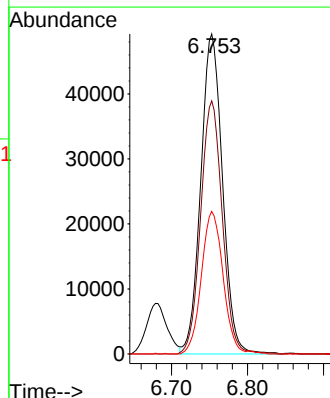
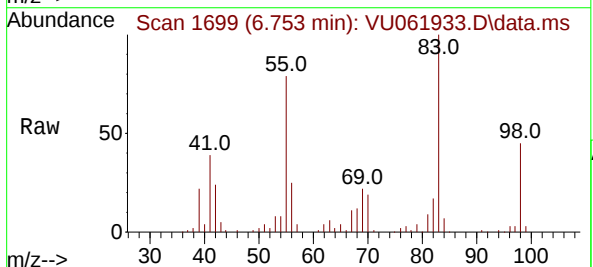
Tgt Ion: 83 Resp: 97905

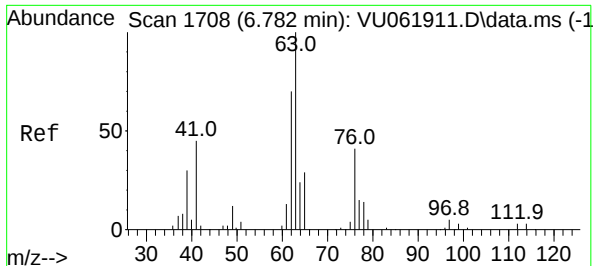
Ion Ratio Lower Upper

83 100

55 78.5 60.7 91.1

98 44.2 34.8 52.2

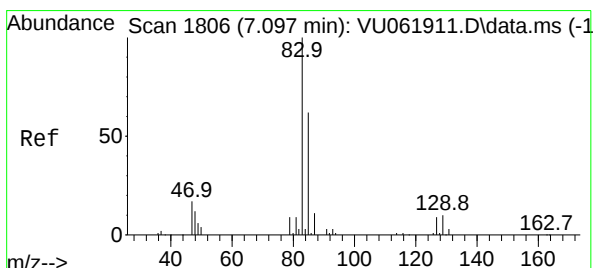
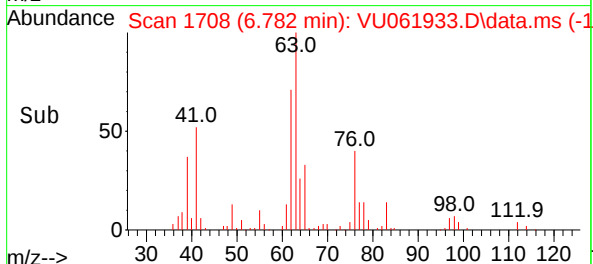
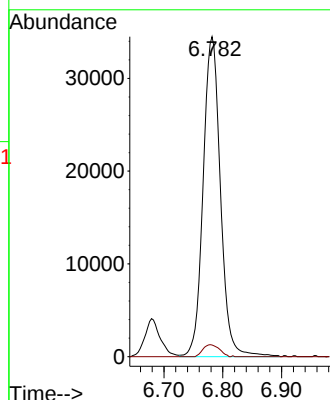
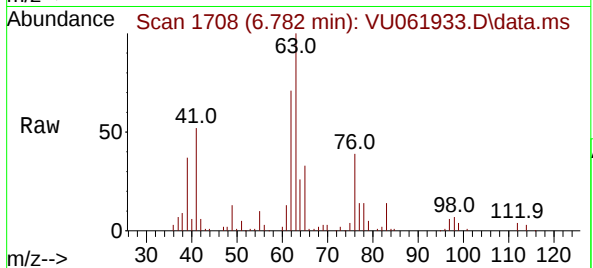




#37
1,2-Dichloropropane
Concen: 5.590 ug/L
RT: 6.782 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU061933.D
Acq: 21 Nov 2024 21:58

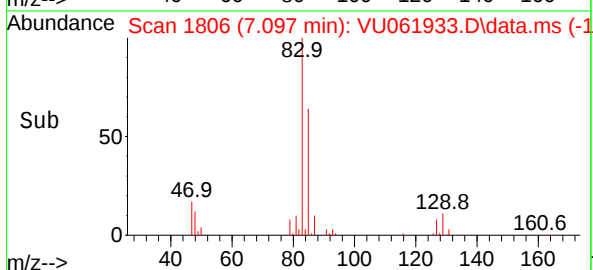
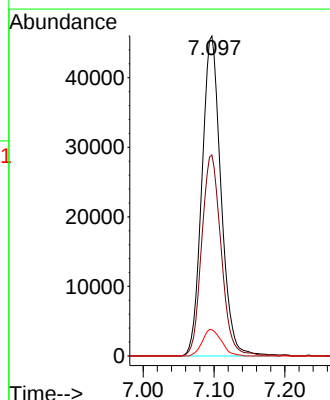
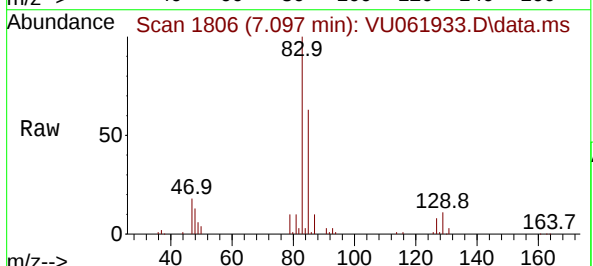
Instrument :
MSVOA_U
ClientSampleId :

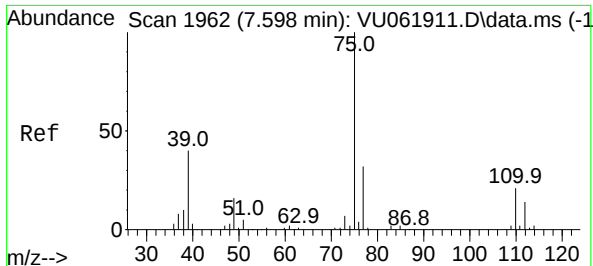
Tgt Ion: 63 Resp: 70670
Ion Ratio Lower Upper
63 100
112 3.6 3.4 5.0



#38
Bromodichloromethane
Concen: 5.608 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU061933.D
Acq: 21 Nov 2024 21:58

Tgt Ion: 83 Resp: 85979
Ion Ratio Lower Upper
83 100
85 62.8 44.1 81.9
127 8.2 6.9 10.3

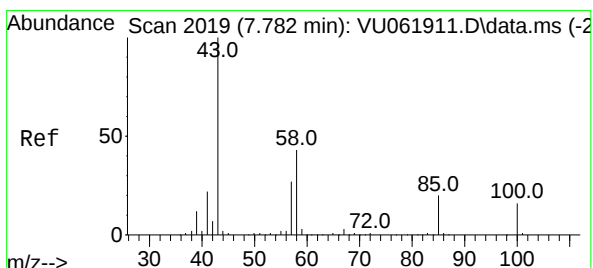
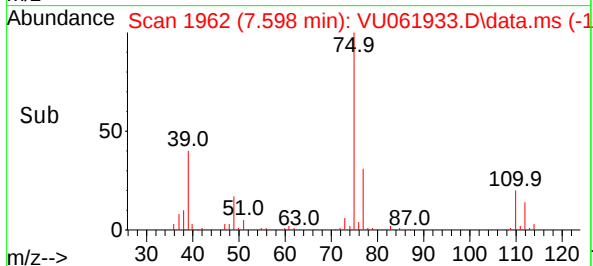
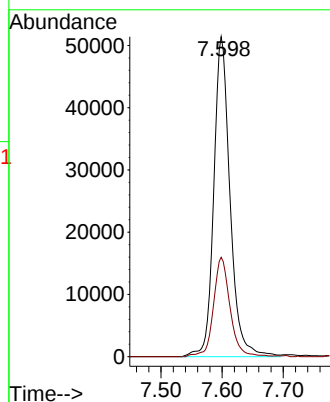
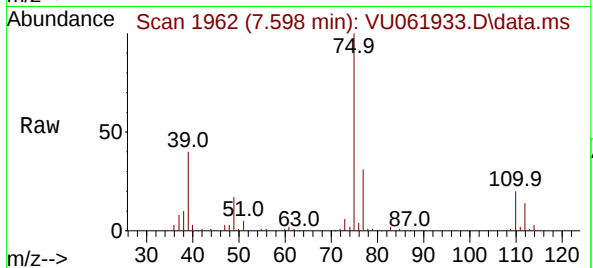




#39
 cis-1,3-Dichloropropene
 Concen: 5.372 ug/L
 RT: 7.598 min Scan# 1962
 Delta R.T. -0.000 min
 Lab File: VU061933.D
 Acq: 21 Nov 2024 21:58

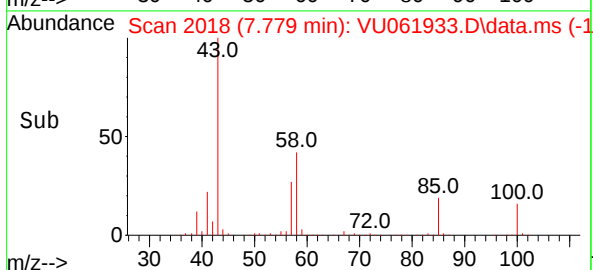
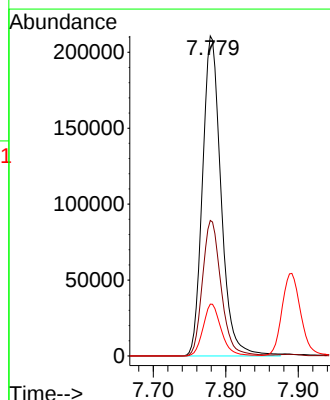
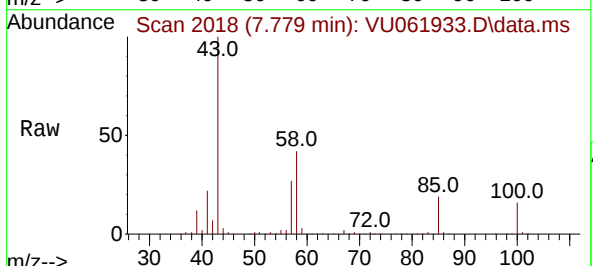
Instrument :
 MSVOA_U
 ClientSampleId :

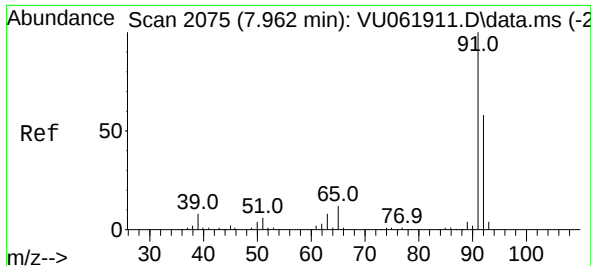
Tgt Ion: 75 Resp: 95220
 Ion Ratio Lower Upper
 75 100
 77 31.0 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 54.937 ug/L
 RT: 7.779 min Scan# 2018
 Delta R.T. -0.003 min
 Lab File: VU061933.D
 Acq: 21 Nov 2024 21:58

Tgt Ion: 43 Resp: 374737
 Ion Ratio Lower Upper
 43 100
 58 42.7 33.3 49.9
 100 15.9 12.4 18.6





#42

Toluene

Concen: 5.397 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU061933.D

Acq: 21 Nov 2024 21:58

Instrument :

MSVOA_U

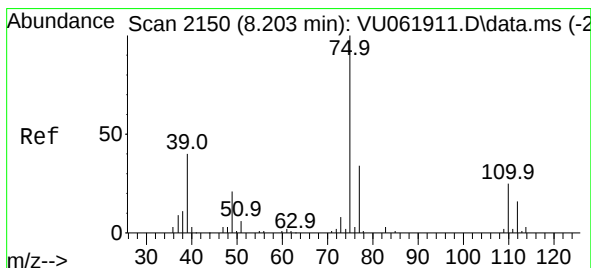
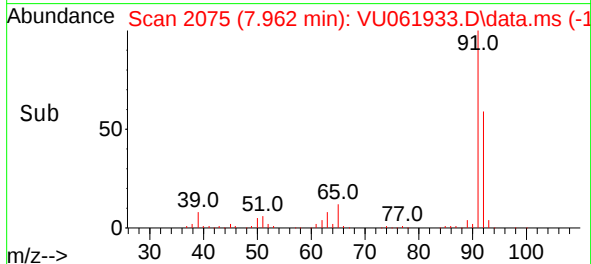
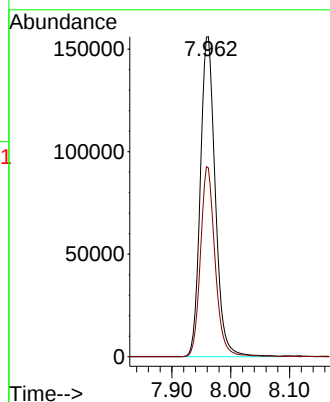
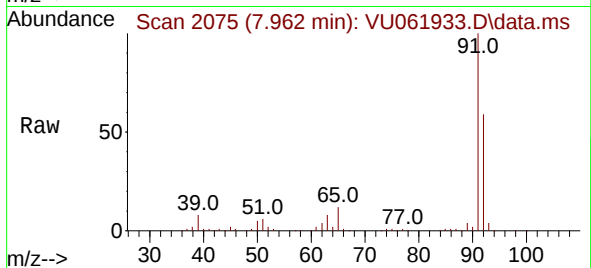
ClientSampleId :

Tgt Ion: 91 Resp: 275586

Ion Ratio Lower Upper

91 100

92 59.0 39.0 72.4



#44

trans-1,3-Dichloropropene

Concen: 5.370 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU061933.D

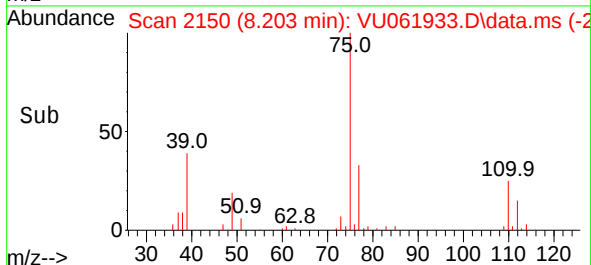
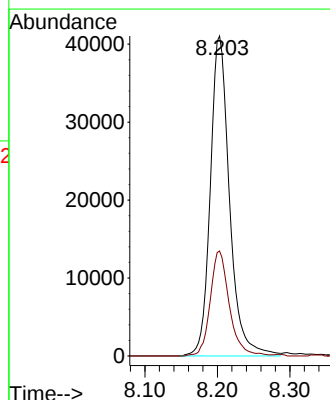
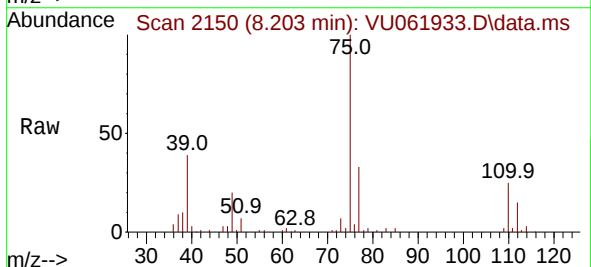
Acq: 21 Nov 2024 21:58

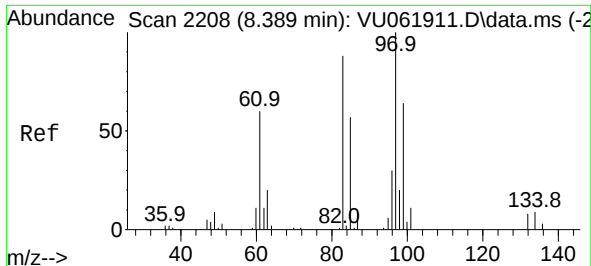
Tgt Ion: 75 Resp: 75599

Ion Ratio Lower Upper

75 100

77 32.8 21.8 40.4

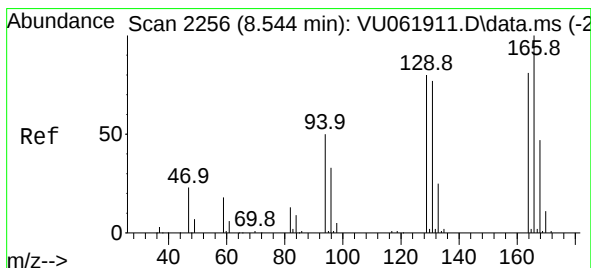
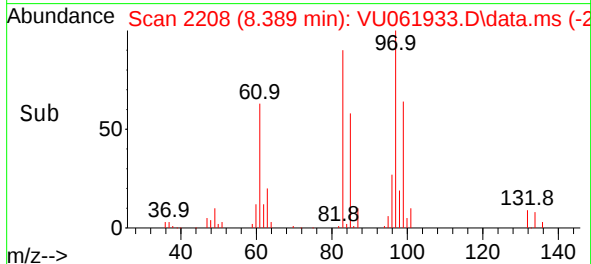
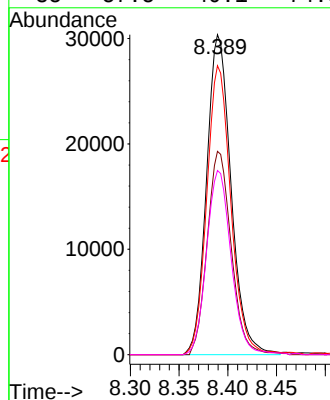
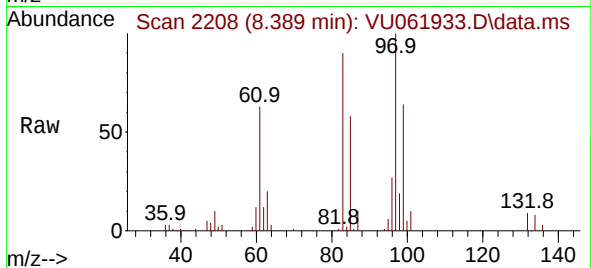




#45
1,1,2-Trichloroethane
Concen: 5.702 ug/L
RT: 8.389 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VU061933.D
Acq: 21 Nov 2024 21:58

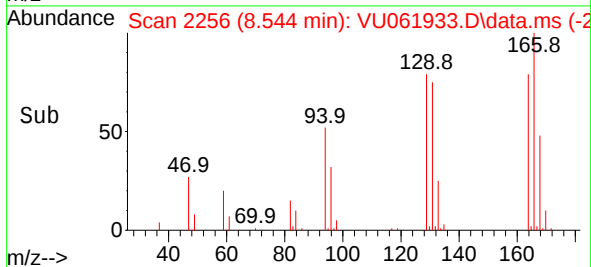
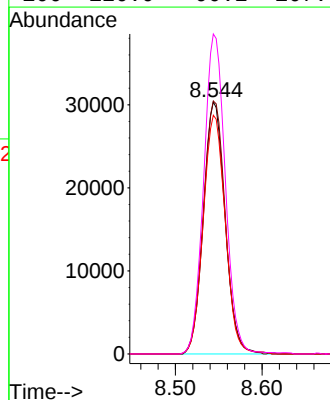
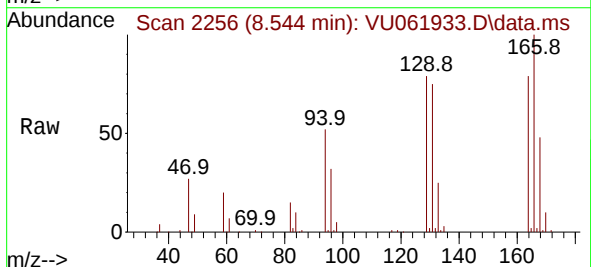
Instrument :
MSVOA_U
ClientSampleId :

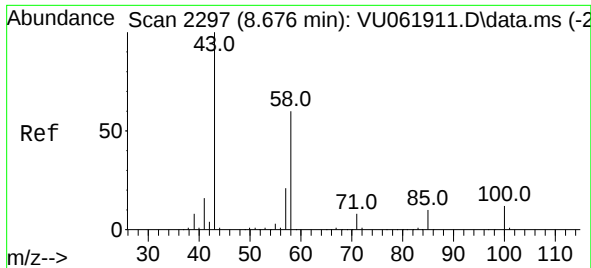
Tgt Ion:	97	Resp:	53110
Ion	Ratio	Lower	Upper
97	100		
99	63.6	43.0	79.8
83	90.3	61.7	114.5
85	57.5	40.1	74.5



#47
Tetrachloroethene
Concen: 5.565 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU061933.D
Acq: 21 Nov 2024 21:58

Tgt Ion:	164	Resp:	52564
Ion	Ratio	Lower	Upper
164	100		
129	100.3	73.2	136.0
131	94.7	72.3	134.3
166	126.9	90.2	167.4

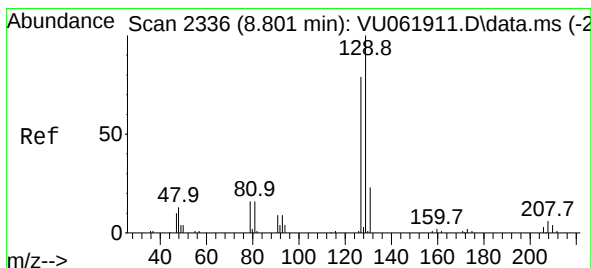
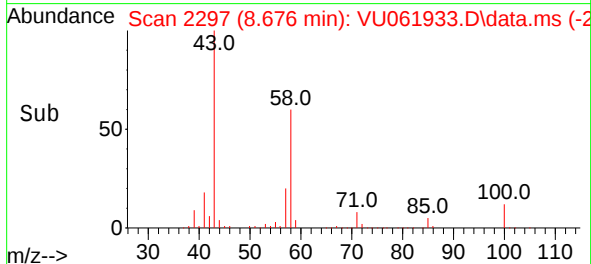
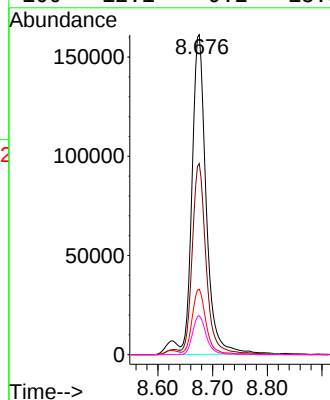
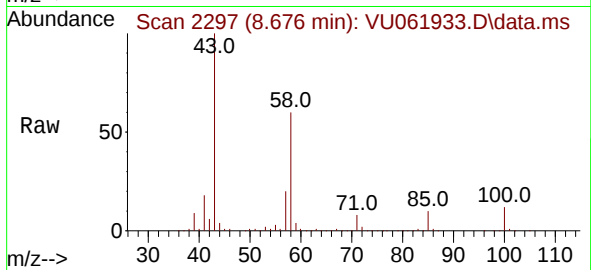




#48
2-Hexanone
Concen: 56.286 ug/L
RT: 8.676 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU061933.D
Acq: 21 Nov 2024 21:58

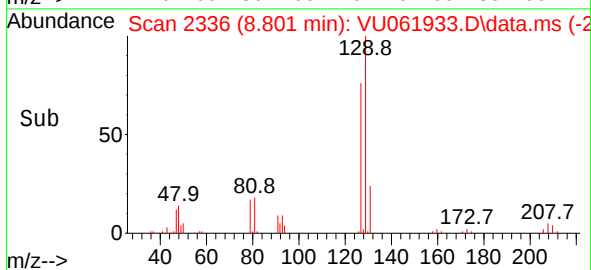
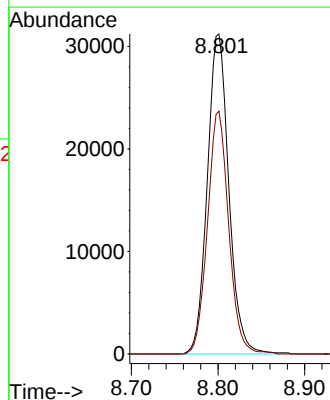
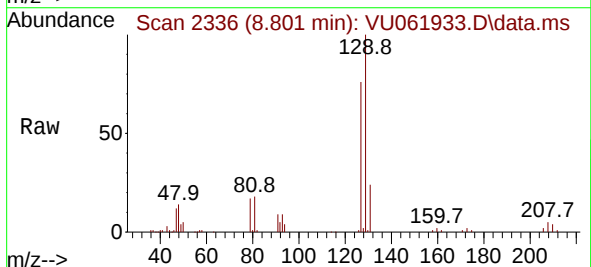
Instrument :
MSVOA_U
ClientSampleId :

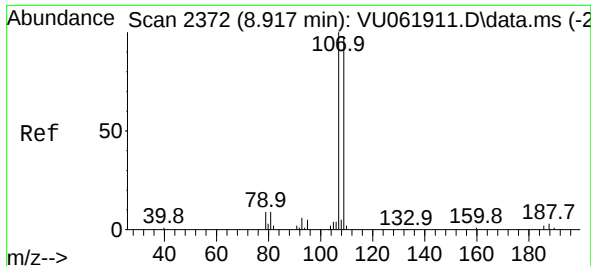
Tgt Ion:	43	Resp:	287536
Ion	Ratio	Lower	Upper
43	100		
58	57.5	47.5	71.3
57	20.2	15.6	23.4
100	12.1	9.2	13.8



#49
Dibromochloromethane
Concen: 5.475 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU061933.D
Acq: 21 Nov 2024 21:58

Tgt Ion:	129	Resp:	53863
Ion	Ratio	Lower	Upper
129	100		
127	75.9	51.1	94.9

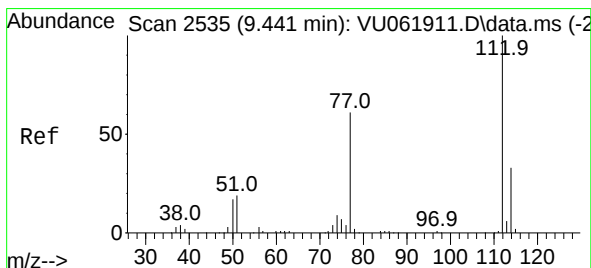
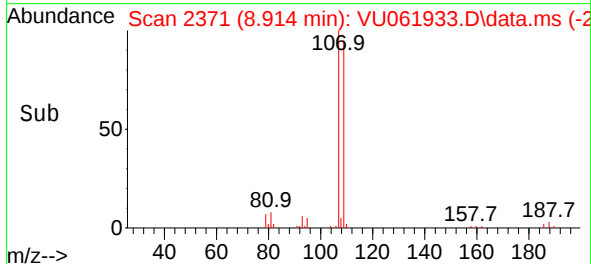
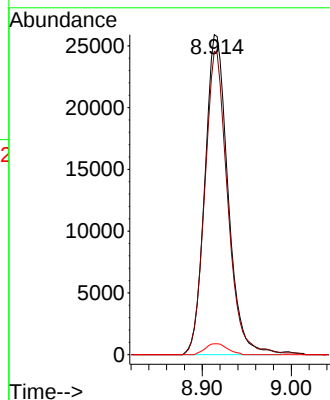
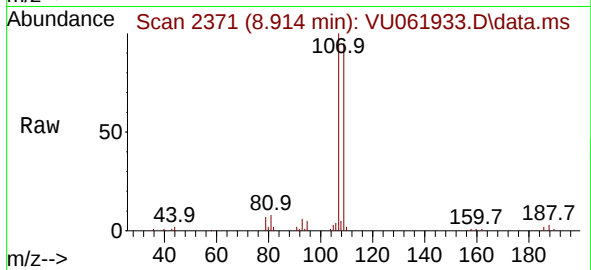




#50
1,2-Dibromoethane
Concen: 5.035 ug/L
RT: 8.914 min Scan# 24
Delta R.T. -0.003 min
Lab File: VU061933.D
Acq: 21 Nov 2024 21:58

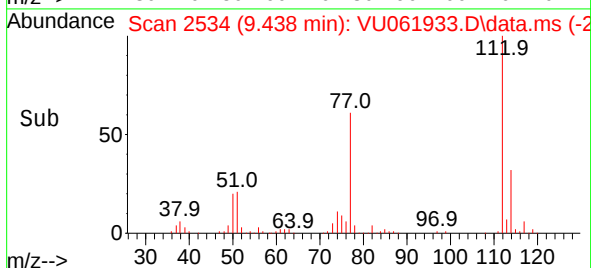
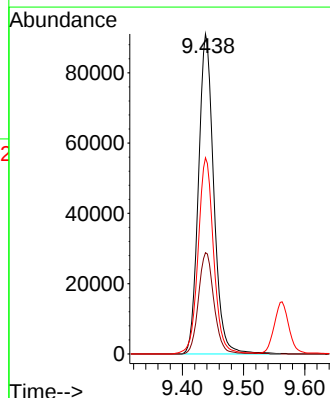
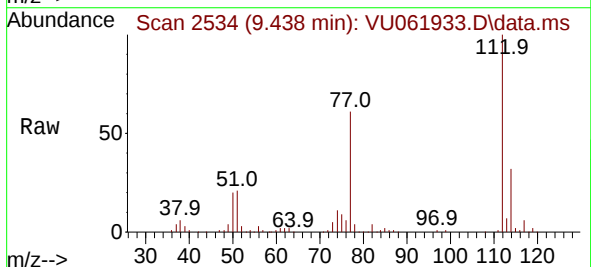
Instrument :
MSVOA_U
ClientSampleId :

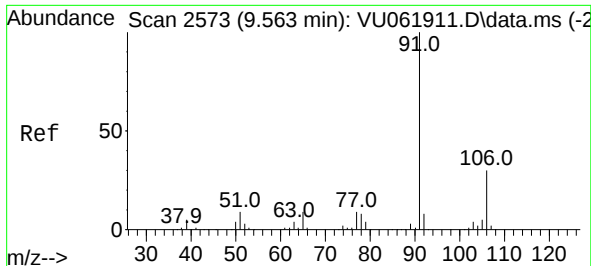
Tgt Ion:107 Resp: 46547
Ion Ratio Lower Upper
107 100
109 94.8 66.8 124.2
188 3.4 2.3 3.5



#51
Chlorobenzene
Concen: 4.516 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. -0.003 min
Lab File: VU061933.D
Acq: 21 Nov 2024 21:58

Tgt Ion:112 Resp: 157952
Ion Ratio Lower Upper
112 100
114 31.7 23.0 42.6
77 61.3 50.5 75.7

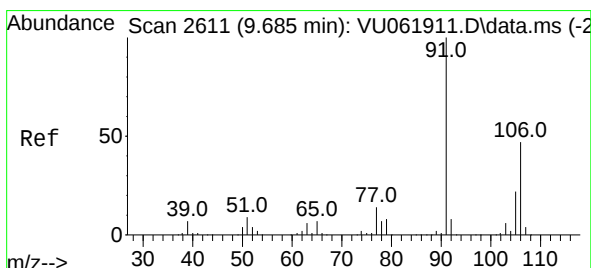
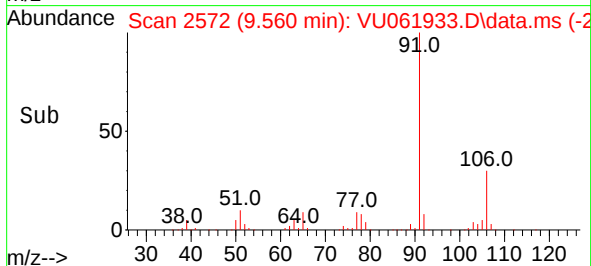
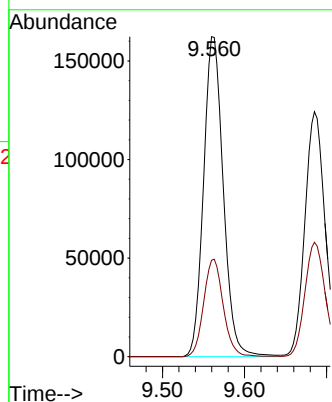
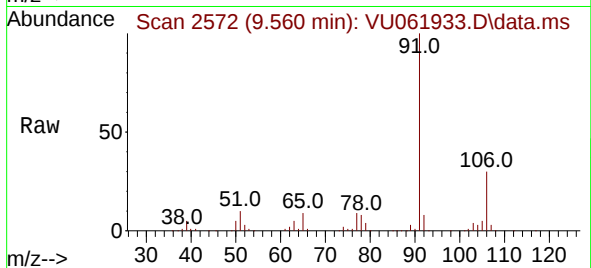




#52
Ethylbenzene
Concen: 4.436 ug/L
RT: 9.560 min Scan# 2573
Delta R.T. -0.003 min
Lab File: VU061933.D
Acq: 21 Nov 2024 21:58

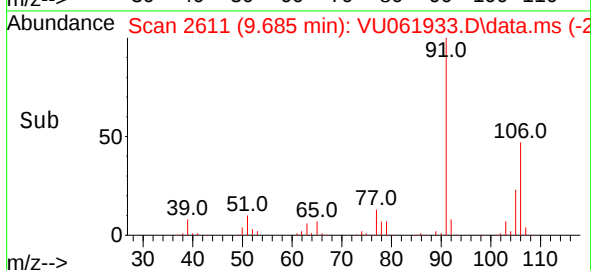
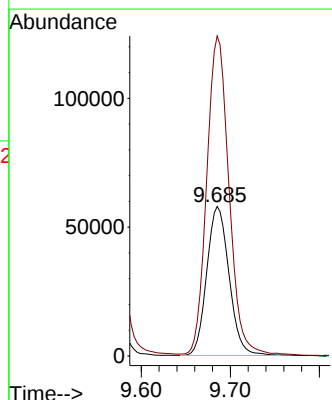
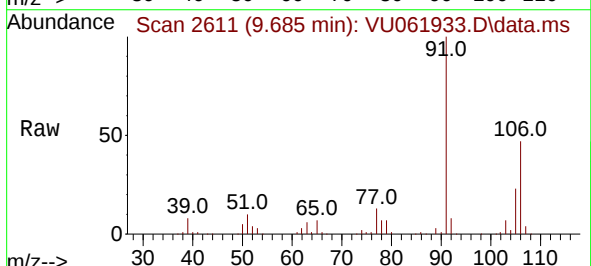
Instrument :
MSVOA_U
ClientSampleId :

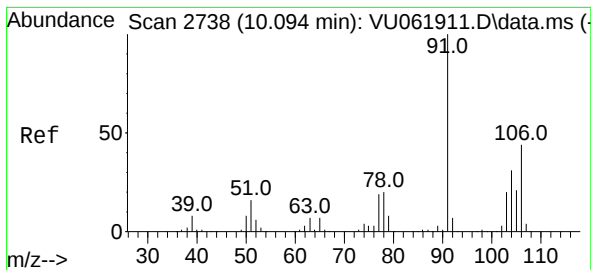
Tgt Ion: 91 Resp: 271078
Ion Ratio Lower Upper
91 100
106 30.1 21.6 40.0



#53
m,p-Xylene
Concen: 4.666 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU061933.D
Acq: 21 Nov 2024 21:58

Tgt Ion:106 Resp: 100617
Ion Ratio Lower Upper
106 100
91 214.0 147.6 274.0





#54

o-Xylene

Concen: 4.521 ug/L

RT: 10.090 min Scan# 2738

Delta R.T. -0.003 min

Lab File: VU061933.D

Acq: 21 Nov 2024 21:58

Instrument :

MSVOA_U

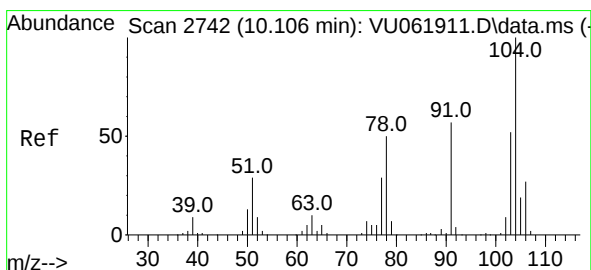
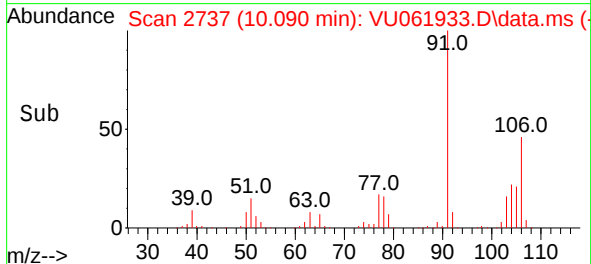
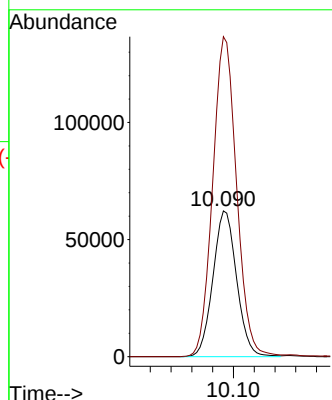
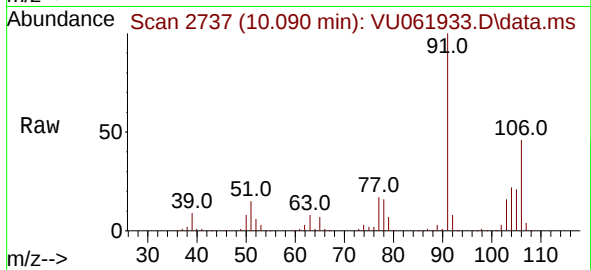
ClientSampleId :

Tgt Ion:106 Resp: 98408

Ion Ratio Lower Upper

106 100

91 219.5 159.8 296.8



#55

Styrene

Concen: 4.566 ug/L

RT: 10.106 min Scan# 2742

Delta R.T. -0.000 min

Lab File: VU061933.D

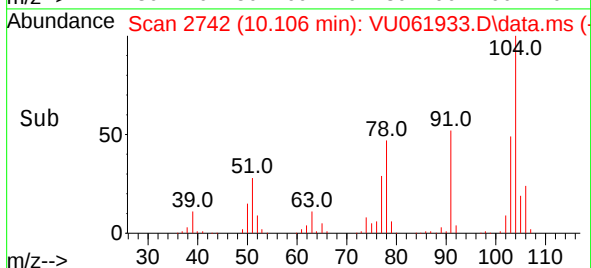
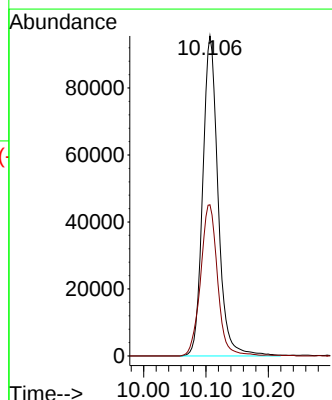
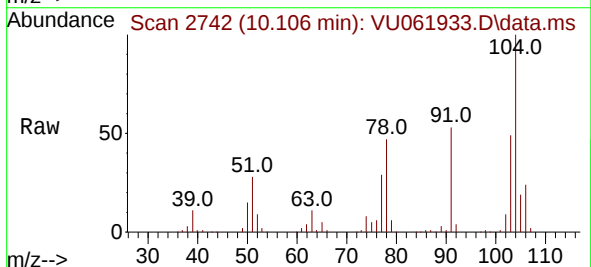
Acq: 21 Nov 2024 21:58

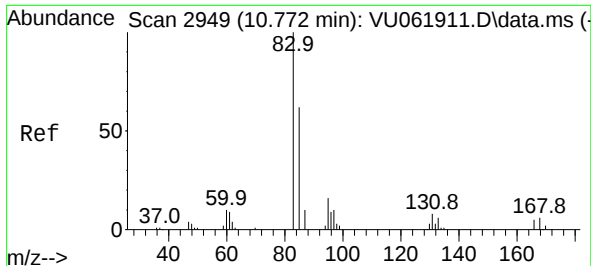
Tgt Ion:104 Resp: 163724

Ion Ratio Lower Upper

104 100

78 47.3 33.2 61.7





#57

1,1,2,2-Tetrachloroethane

Concen: 4.624 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. -0.000 min

Lab File: VU061933.D

Acq: 21 Nov 2024 21:58

Instrument :

MSVOA_U

ClientSampleId :

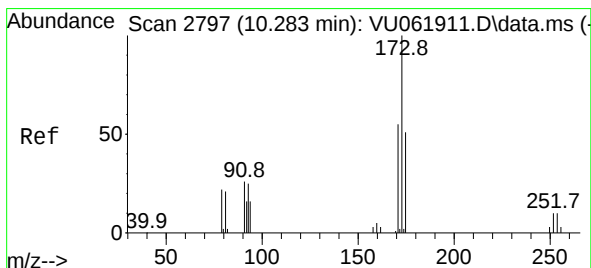
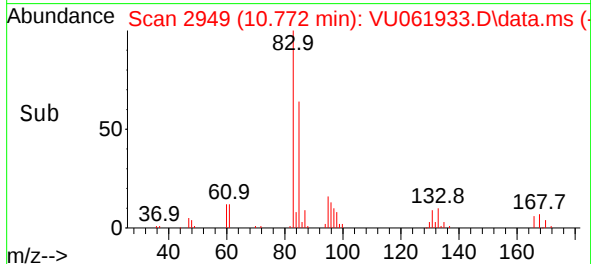
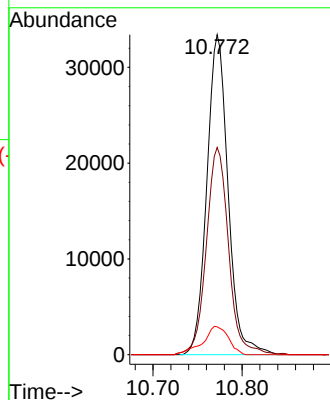
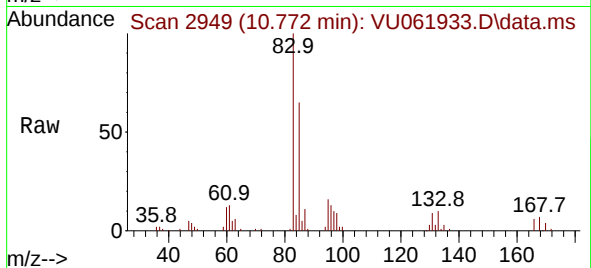
Tgt Ion: 83 Resp: 55191

Ion Ratio Lower Upper

83 100

85 64.7 44.4 82.4

131 8.7 7.3 10.9



#59

Bromoform

Concen: 4.175 ug/L

RT: 10.280 min Scan# 2796

Delta R.T. -0.003 min

Lab File: VU061933.D

Acq: 21 Nov 2024 21:58

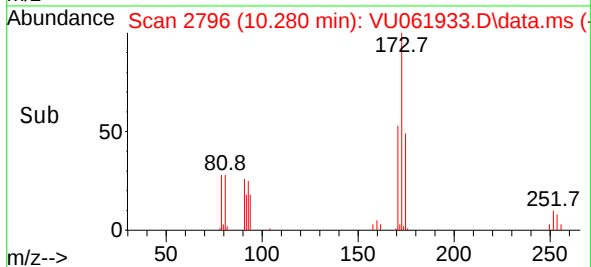
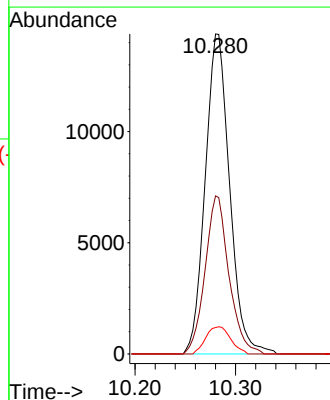
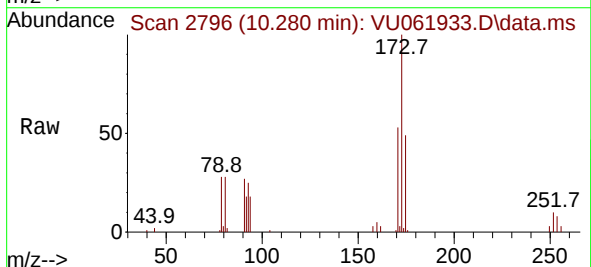
Tgt Ion:173 Resp: 24243

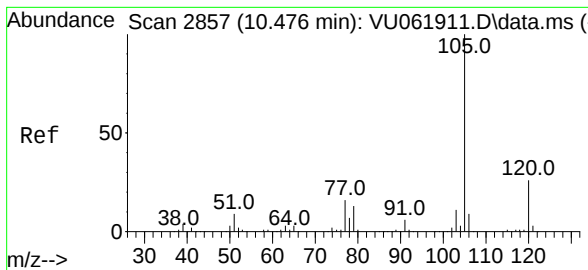
Ion Ratio Lower Upper

173 100

175 48.3 39.0 58.4

254 8.6 7.4 11.0





#60

Isopropylbenzene

Concen: 4.311 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. -0.000 min

Lab File: VU061933.D

Acq: 21 Nov 2024 21:58

Instrument :

MSVOA_U

ClientSampleId :

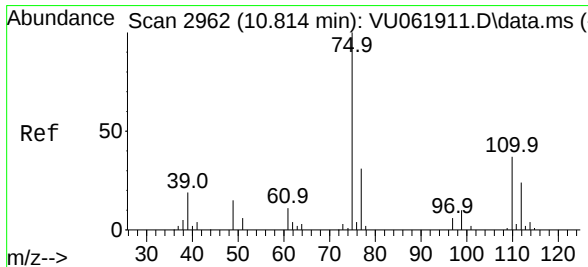
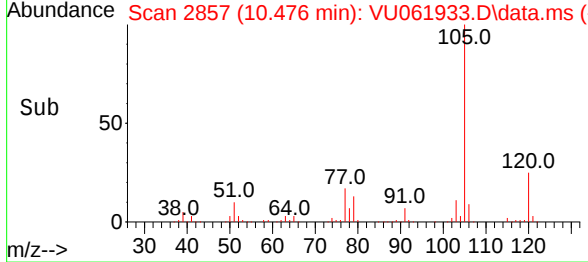
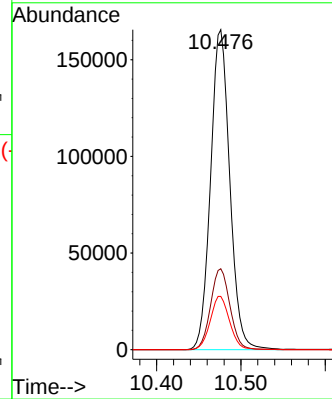
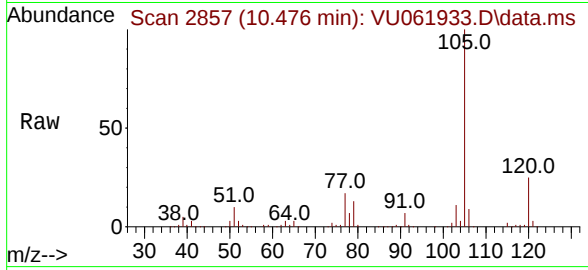
Tgt Ion:105 Resp: 262588

Ion Ratio Lower Upper

105 100

120 25.5 20.6 31.0

77 16.8 13.0 19.6



#61

1,2,3-Trichloropropane

Concen: 4.284 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. -0.000 min

Lab File: VU061933.D

Acq: 21 Nov 2024 21:58

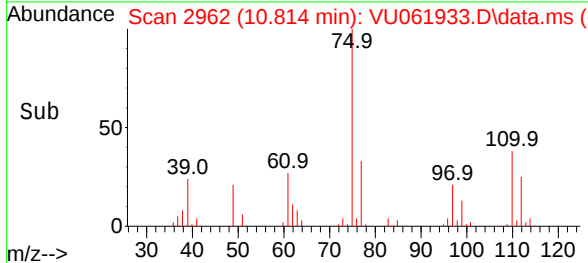
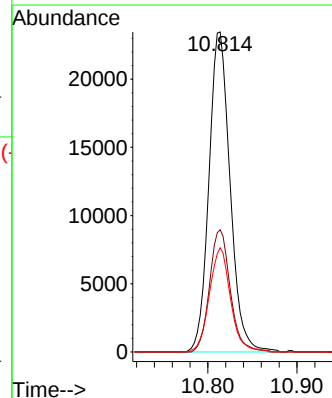
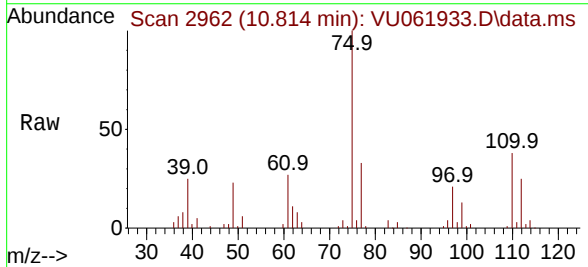
Tgt Ion: 75 Resp: 38684

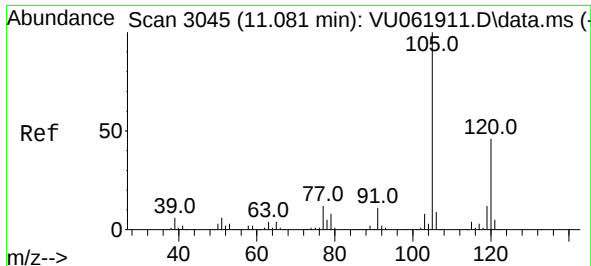
Ion Ratio Lower Upper

75 100

110 37.4 28.9 43.3

77 32.5 26.5 39.7





#62

1,3,5-Trimethylbenzene

Concen: 4.256 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. -0.000 min

Lab File: VU061933.D

Acq: 21 Nov 2024 21:58

Instrument :

MSVOA_U

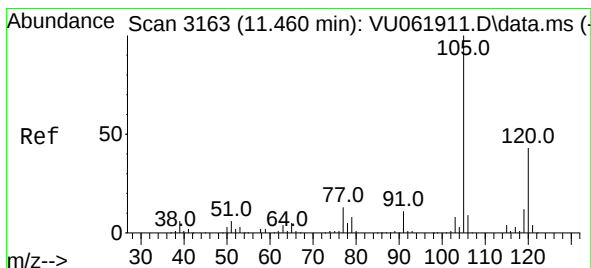
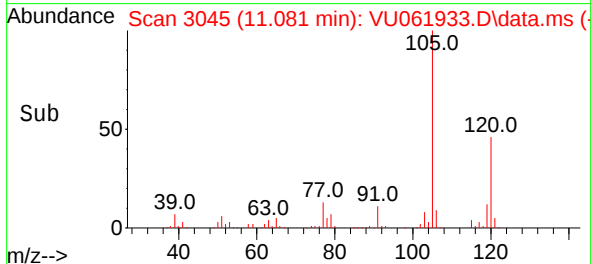
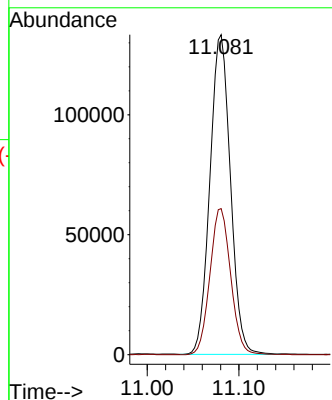
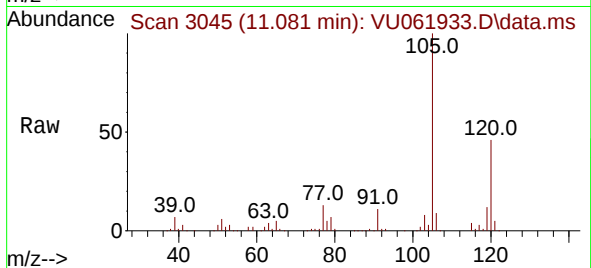
ClientSampleId :

Tgt Ion:105 Resp: 206795

Ion Ratio Lower Upper

105 100

120 46.3 36.7 55.1



#63

1,2,4-Trimethylbenzene

Concen: 4.249 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.000 min

Lab File: VU061933.D

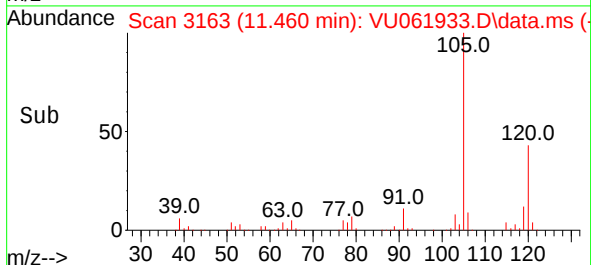
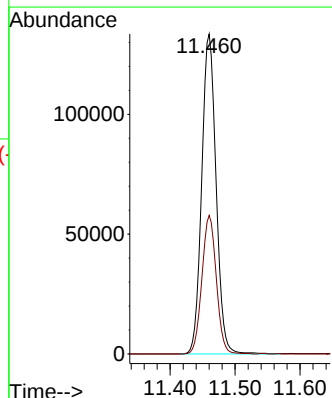
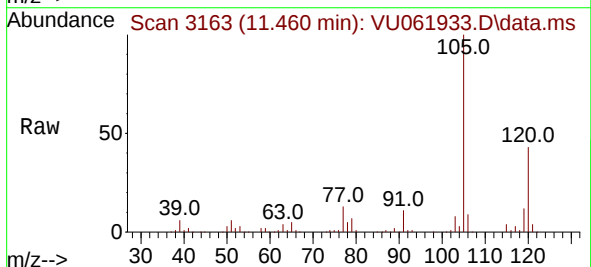
Acq: 21 Nov 2024 21:58

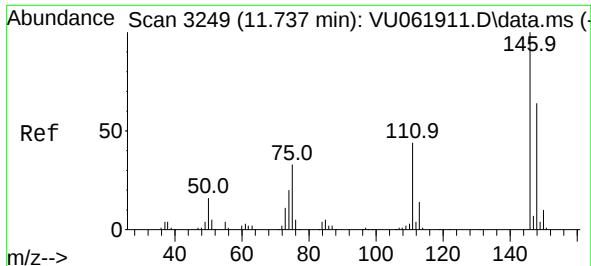
Tgt Ion:105 Resp: 205803

Ion Ratio Lower Upper

105 100

120 43.4 34.7 52.1

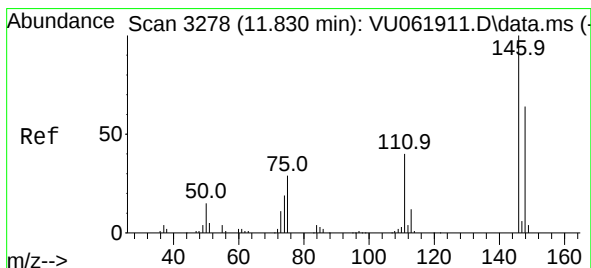
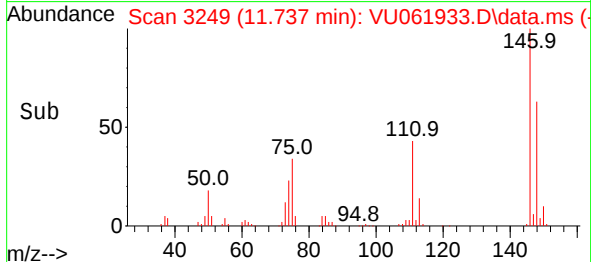
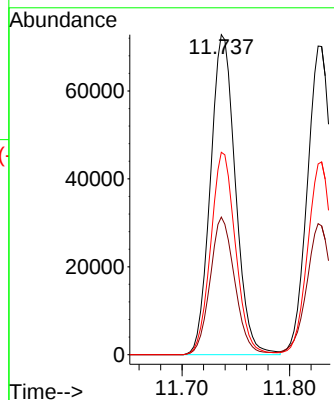
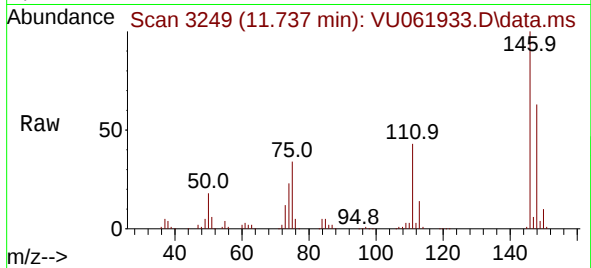




#64
1,3-Dichlorobenzene
Concen: 4.349 ug/L
RT: 11.737 min Scan# 3249
Delta R.T. -0.000 min
Lab File: VU061933.D
Acq: 21 Nov 2024 21:58

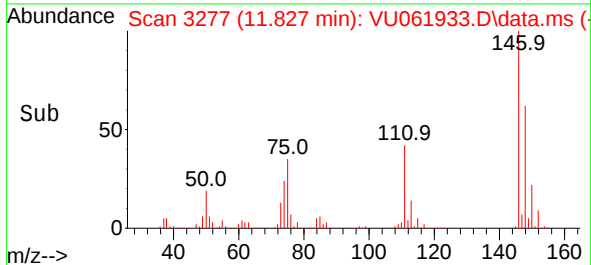
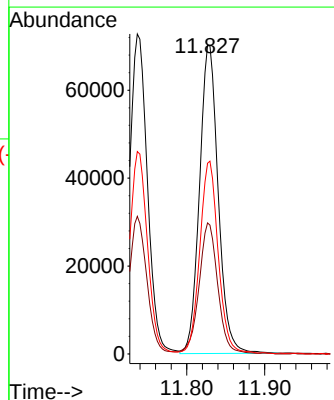
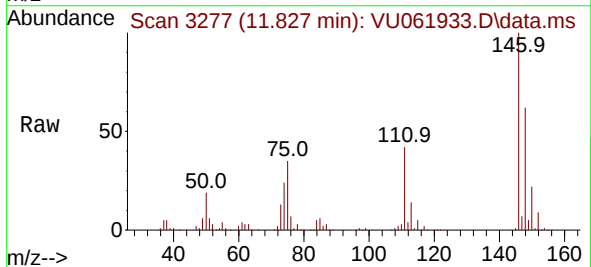
Instrument :
MSVOA_U
ClientSampleId :

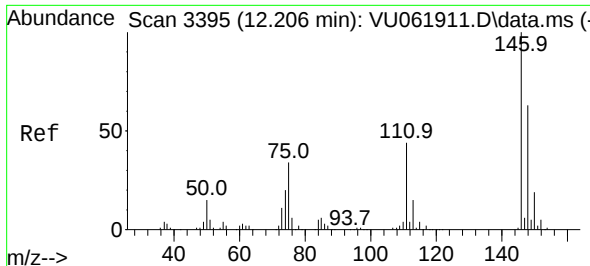
Tgt Ion:146 Resp: 117593
Ion Ratio Lower Upper
146 100
111 43.0 30.7 57.1
148 63.3 45.1 83.7



#65
1,4-Dichlorobenzene
Concen: 4.468 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. -0.003 min
Lab File: VU061933.D
Acq: 21 Nov 2024 21:58

Tgt Ion:146 Resp: 116936
Ion Ratio Lower Upper
146 100
111 42.4 29.3 54.3
148 61.8 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 4.706 ug/L

RT: 12.203 min Scan# 3395

Delta R.T. -0.003 min

Lab File: VU061933.D

Acq: 21 Nov 2024 21:58

Instrument :

MSVOA_U

ClientSampleId :

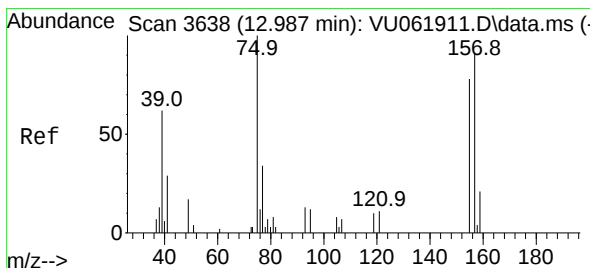
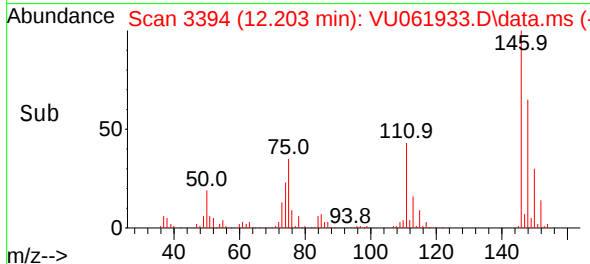
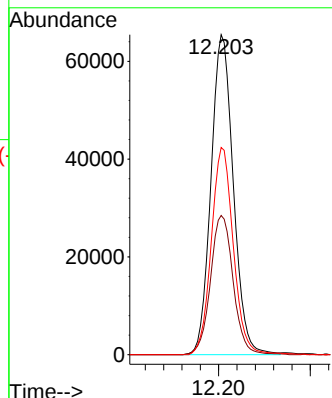
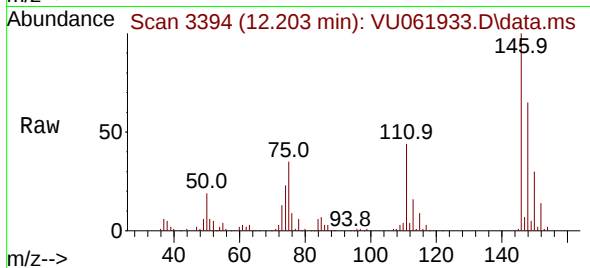
Tgt Ion:146 Resp: 110671

Ion Ratio Lower Upper

146 100

111 43.5 36.0 54.0

148 64.8 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.058 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.000 min

Lab File: VU061933.D

Acq: 21 Nov 2024 21:58

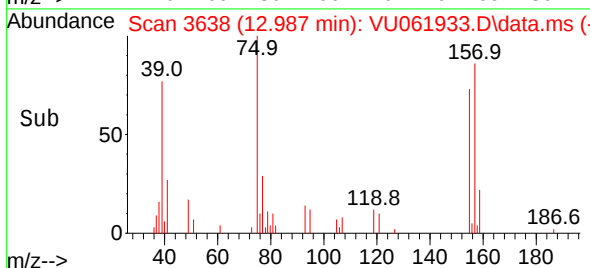
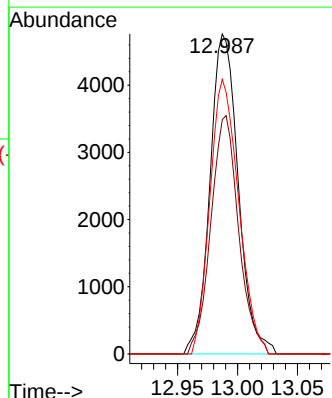
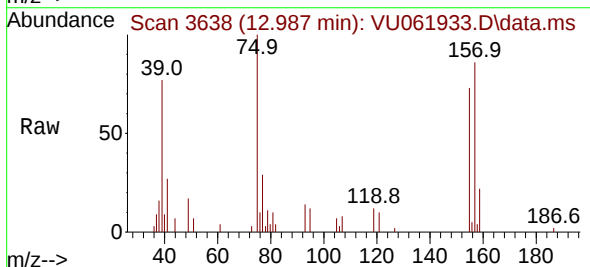
Tgt Ion: 75 Resp: 7795

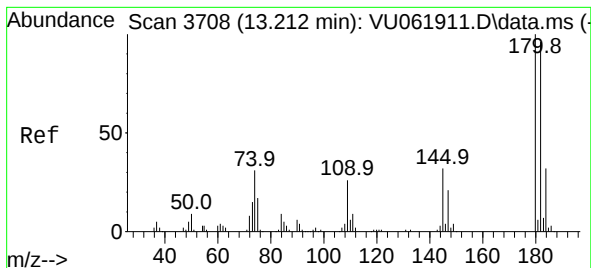
Ion Ratio Lower Upper

75 100

155 73.2 55.2 82.8

157 85.8 73.5 110.3





#69

1,3,5-Trichlorobenzene

Concen: 4.919 ug/L

RT: 13.212 min Scan# 3708

Delta R.T. -0.000 min

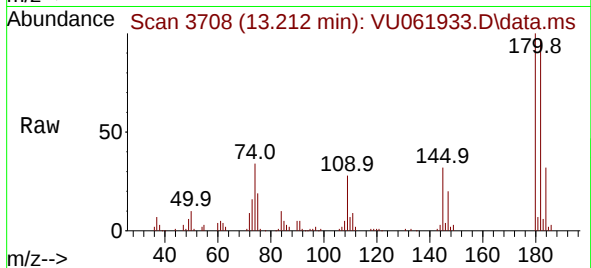
Lab File: VU061933.D

Acq: 21 Nov 2024 21:58

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 79133

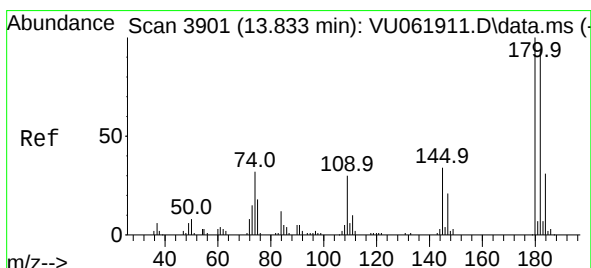
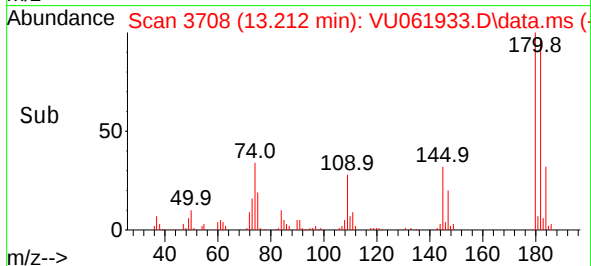
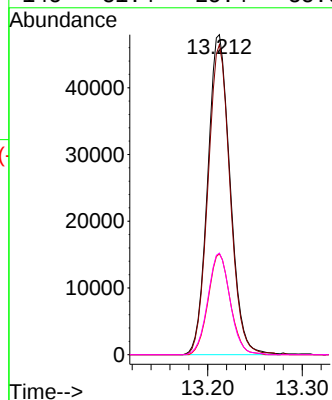
Ion Ratio Lower Upper

180 100

182 95.1 76.7 115.1

184 30.9 24.8 37.2

145 31.4 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 5.150 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU061933.D

Acq: 21 Nov 2024 21:58

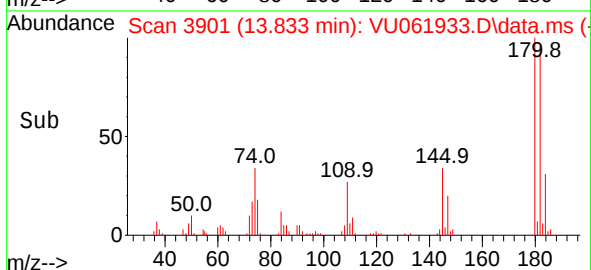
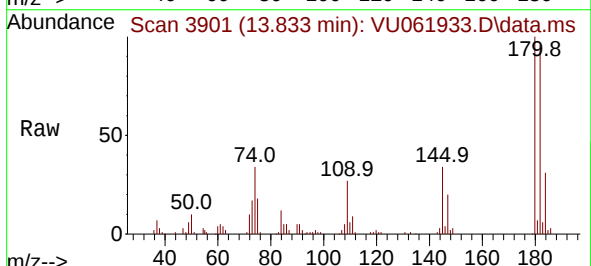
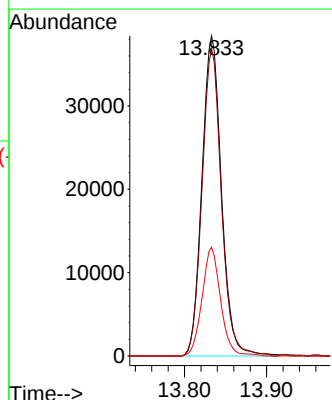
Tgt Ion:180 Resp: 63503

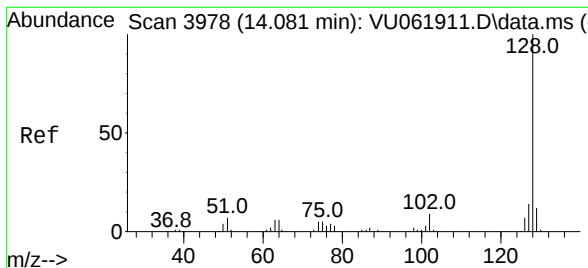
Ion Ratio Lower Upper

180 100

182 95.1 74.5 111.7

145 32.2 25.6 38.4





#71

Naphthalene

Concen: 4.963 ug/L

RT: 14.081 min Scan# 3978

Delta R.T. -0.000 min

Lab File: VU061933.D

Acq: 21 Nov 2024 21:58

Instrument :

MSVOA_U

ClientSampleId :

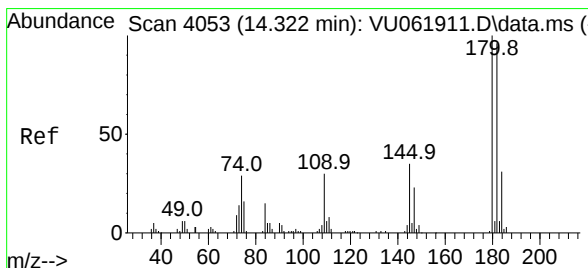
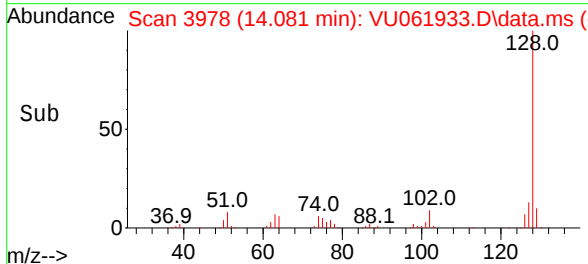
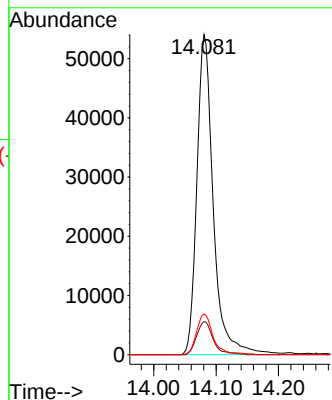
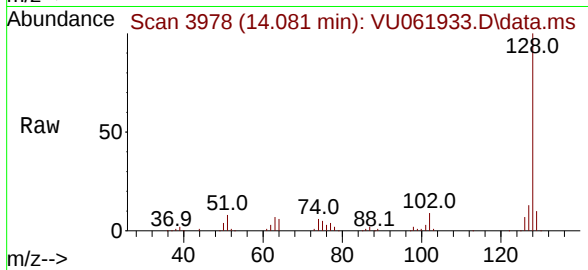
Tgt Ion:128 Resp: 98633

Ion Ratio Lower Upper

128 100

129 10.3 8.5 12.7

127 12.4 10.2 15.4



#72

1,2,3-Trichlorobenzene

Concen: 5.175 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. -0.000 min

Lab File: VU061933.D

Acq: 21 Nov 2024 21:58

Tgt Ion:180 Resp: 54961

Ion Ratio Lower Upper

180 100

182 95.2 76.1 114.1

145 33.3 27.4 41.0

