

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110724\
 Data File : VU061515.D
 Acq On : 07 Nov 2024 10:07
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 08 00:19:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 07 00:10:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	168867	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	159096	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	77558	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	39626	3.454	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.000%
7) Chloroethane-d5	1.907	69	46032	4.377	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.600%
11) 1,1-Dichloroethene-d2	2.560	65	19442	3.961	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.200%
20) 2-Butanone-d5	4.624	46	116578	50.055	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.120%
24) Chloroform-d	5.052	84	101804	4.675	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	5.695	65	50741	4.675	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
32) Benzene-d6	5.717	84	198264	4.423	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
36) 1,2-Dichloropropane-d6	6.682	67	61900	4.593	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.800%
41) Toluene-d8	7.891	98	181229	4.324	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.400%
43) trans-1,3-Dichloroprop...	8.174	79	22054	4.009	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.200%
46) 2-Hexanone-d5	8.627	63	104013	46.161	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.320%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	50196	4.925	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	60303	4.391	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	52949	4.703	ug/L	99
3) Chloromethane	1.518	50	49835	4.198	ug/L	99
5) Vinyl chloride	1.599	62	57511	4.406	ug/L	98
6) Bromomethane	1.853	94	37878	4.379	ug/L	100
8) Chloroethane	1.930	64	48898	5.088	ug/L	98
9) Trichlorofluoromethane	2.132	101	86857	4.899	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	54119	5.141	ug/L	99
12) 1,1-Dichloroethene	2.573	96	50033	5.011	ug/L	89
13) Acetone	2.637	43	74731	50.661	ug/L	98
14) Carbon disulfide	2.788	76	133222	3.999	ug/L	100
15) Methyl Acetate	2.952	43	19343	5.295	ug/L	100
16) Methylene chloride	3.039	84	58042	4.933	ug/L	100
17) Methyl tert-butyl Ether	3.354	73	130751	4.832	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	52780	4.781	ug/L	98
19) 1,1-Dichloroethane	3.859	63	105467	5.065	ug/L	99
21) 2-Butanone	4.701	43	121663	52.026	ug/L	97
22) cis-1,2-Dichloroethene	4.656	96	62921	4.990	ug/L	98
23) Bromochloromethane	4.968	128	28196	5.314	ug/L	97
25) Chloroform	5.078	83	114051	5.210	ug/L	98

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 Acq On : 07 Nov 2024 10:07
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 08 00:19:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 07 00:10:32 2024
 Response via : Initial Calibration

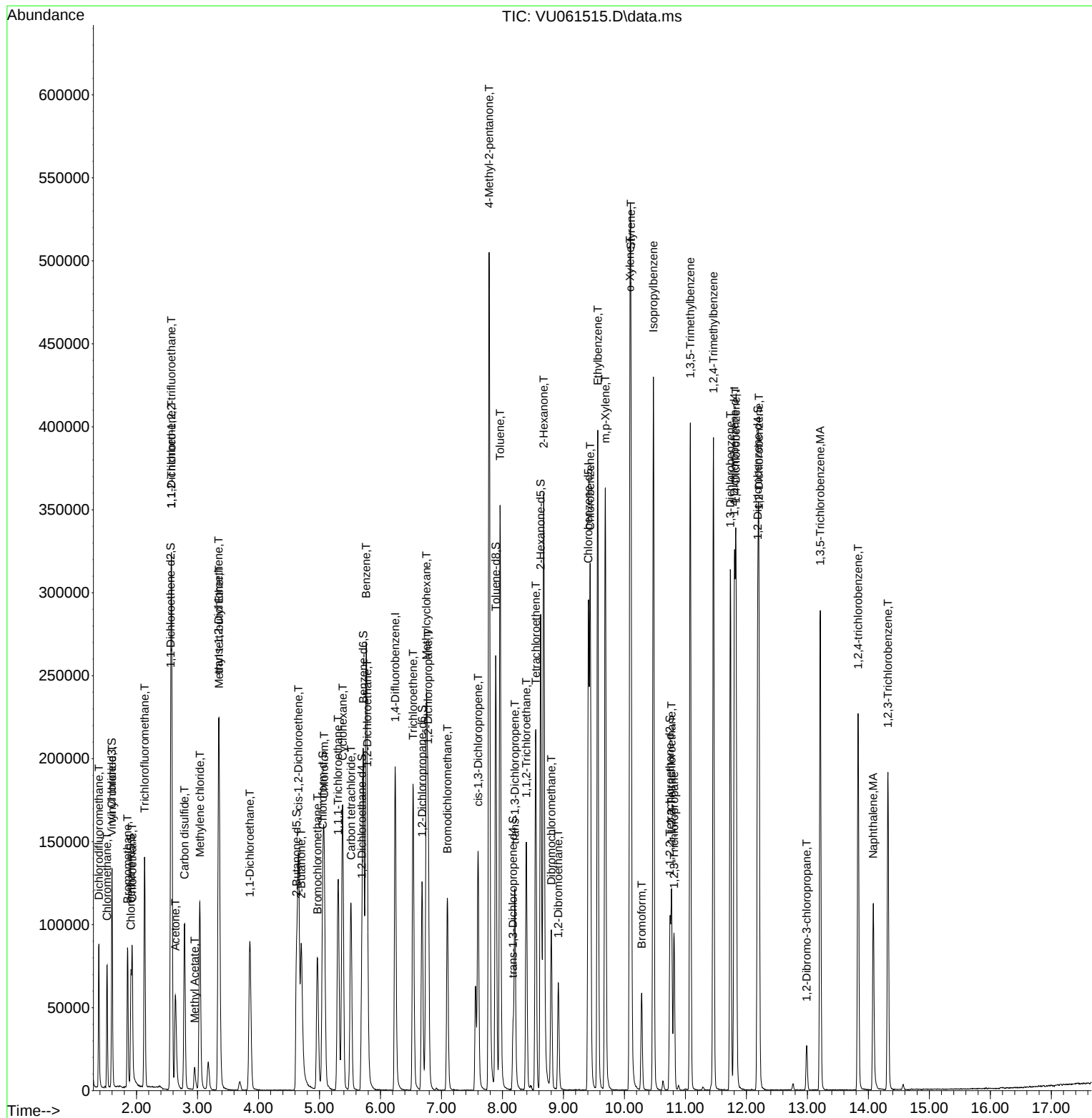
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	68064	4.920	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	94042	4.827	ug/L	99
30) Cyclohexane	5.380	56	84952	4.347	ug/L	98
31) Carbon tetrachloride	5.518	117	77874	4.671	ug/L	98
33) Benzene	5.766	78	243999	4.959	ug/L	100
34) Trichloroethene	6.534	95	64257	4.801	ug/L	97
35) Methylcyclohexane	6.753	83	94280	4.426	ug/L	99
37) 1,2-Dichloropropane	6.782	63	62995	5.051	ug/L	100
38) Bromodichloromethane	7.097	83	76720	4.861	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	91363	4.743	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	315066	50.759	ug/L	99
42) Toluene	7.962	91	265401	4.967	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	73023	4.653	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	46999	5.237	ug/L	98
47) Tetrachloroethene	8.547	164	46825	5.009	ug/L	98
48) 2-Hexanone	8.676	43	221762	50.523	ug/L	97
49) Dibromochloromethane	8.801	129	48341	4.749	ug/L	95
50) 1,2-Dibromoethane	8.917	107	44299	5.081	ug/L	98
51) Chlorobenzene	9.441	112	171090	5.066	ug/L	97
52) Ethylbenzene	9.563	91	284199	4.835	ug/L	99
53) m,p-Xylene	9.688	106	106640	4.763	ug/L	98
54) o-Xylene	10.093	106	105905	4.792	ug/L	96
55) Styrene	10.106	104	174963	4.939	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.772	83	57670	5.332	ug/L	99
59) Bromoform	10.283	173	25576	4.455	ug/L	99
60) Isopropylbenzene	10.476	105	285502	4.819	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	39568	5.121	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	222125	4.605	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	219942	4.613	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	127160	5.100	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	124552	4.900	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	118613	5.054	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	7427	4.578	ug/L	88
69) 1,3,5-Trichlorobenzene	13.212	180	86792	5.078	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	69617	5.047	ug/L	97
71) Naphthalene	14.080	128	98301	4.516	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	58008	5.027	ug/L	99

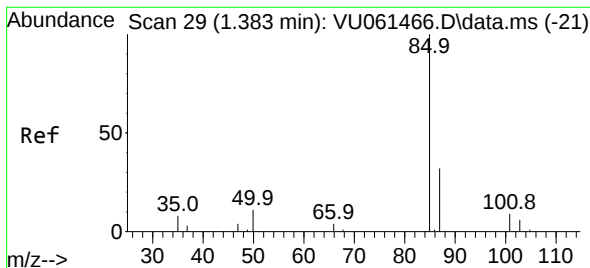
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110724\
Data File : VU061515.D
Acq On : 07 Nov 2024 10:07
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

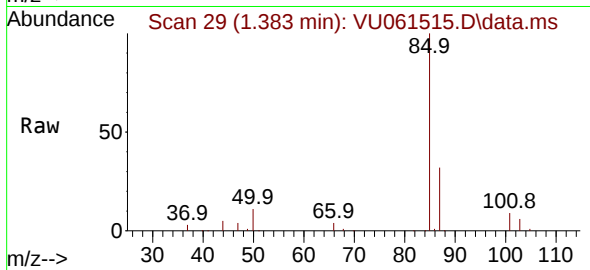
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 07 00:10:32 2024
Response via : Initial Calibration



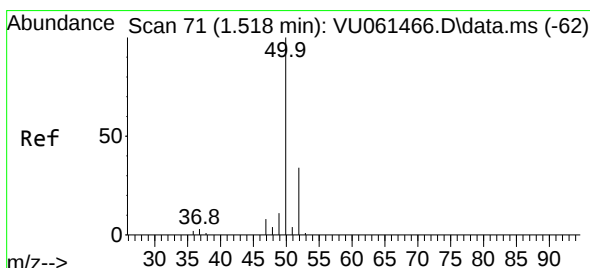
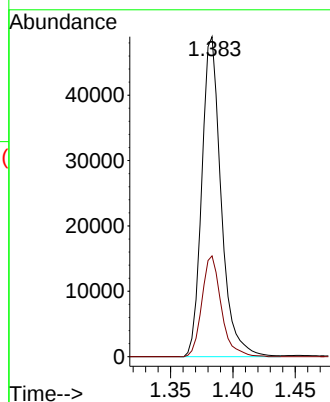
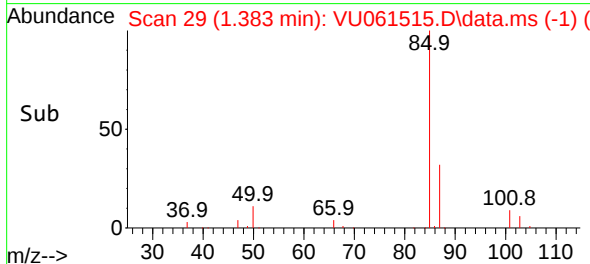


#2
 Dichlorodifluoromethane
 Concen: 4.703 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU061515.D
 Acq: 07 Nov 2024 10:07

Instrument :
 MSVOA_U
 ClientSampleId :

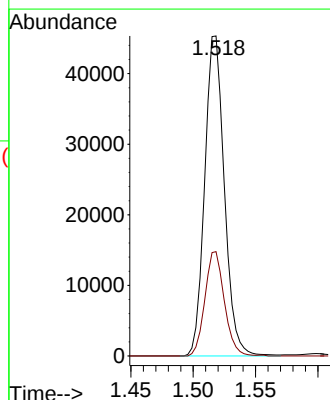
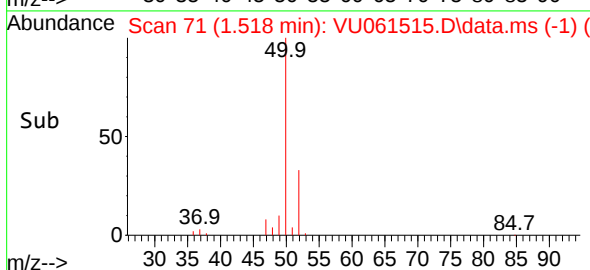
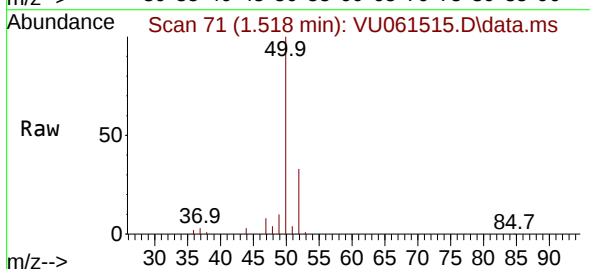


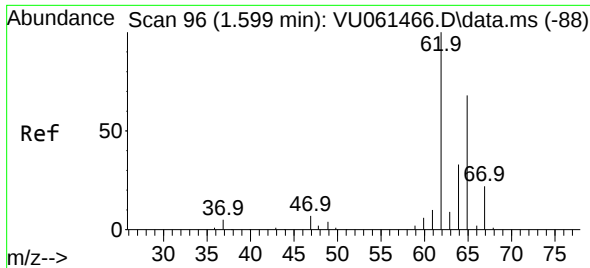
Tgt Ion: 85 Resp: 52949
 Ion Ratio Lower Upper
 85 100
 87 31.5 25.7 38.5



#3
 Chloromethane
 Concen: 4.198 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU061515.D
 Acq: 07 Nov 2024 10:07

Tgt Ion: 50 Resp: 49835
 Ion Ratio Lower Upper
 50 100
 52 32.6 23.4 43.4

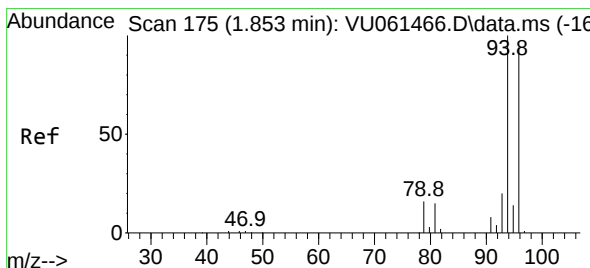
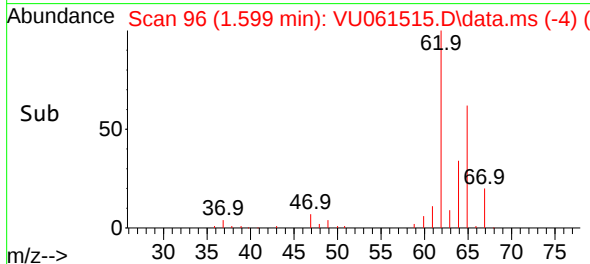
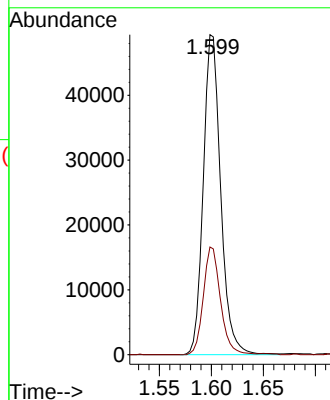
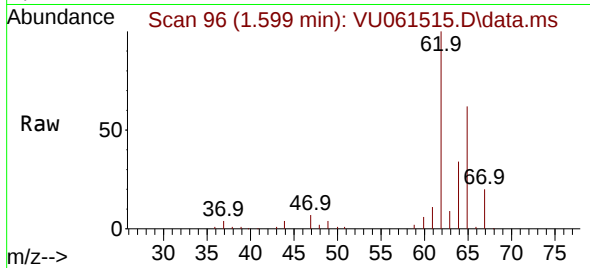




#5
 Vinyl chloride
 Concen: 4.406 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. -0.003 min
 Lab File: VU061515.D
 Acq: 07 Nov 2024 10:07

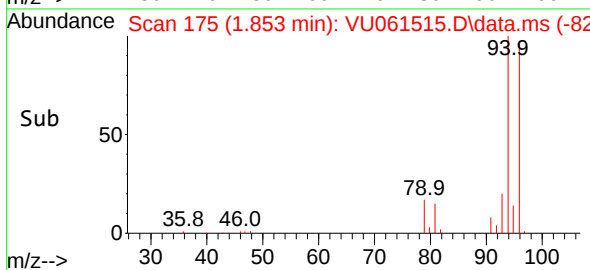
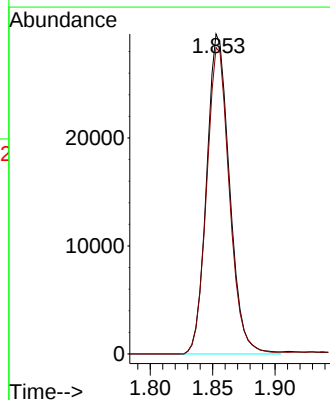
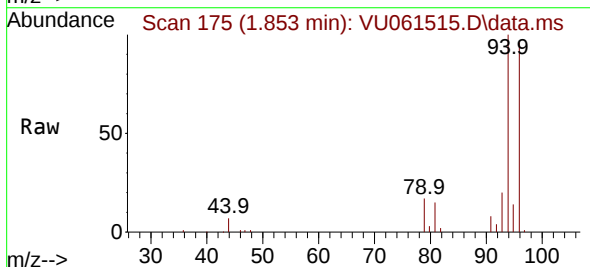
Instrument :
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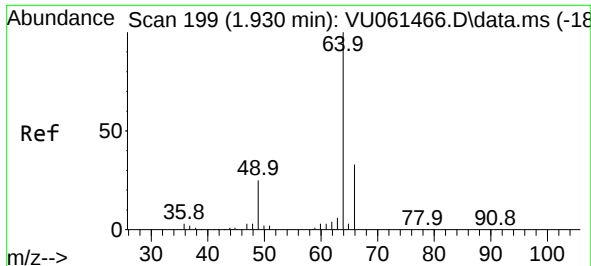
Tgt Ion: 62 Resp: 57511
 Ion Ratio Lower Upper
 62 100
 64 33.7 22.6 42.0



#6
 Bromomethane
 Concen: 4.379 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. -0.000 min
 Lab File: VU061515.D
 Acq: 07 Nov 2024 10:07

Tgt Ion: 94 Resp: 37878
 Ion Ratio Lower Upper
 94 100
 96 95.7 66.9 124.3

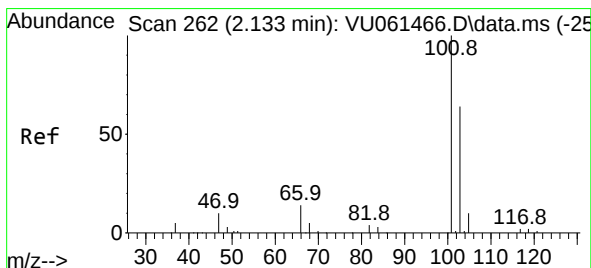
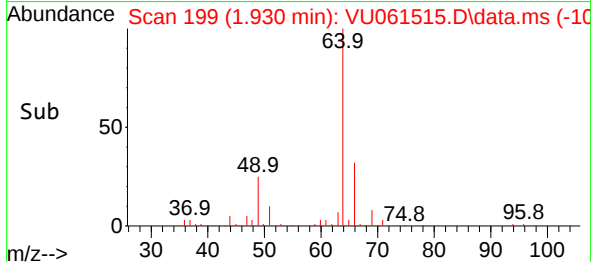
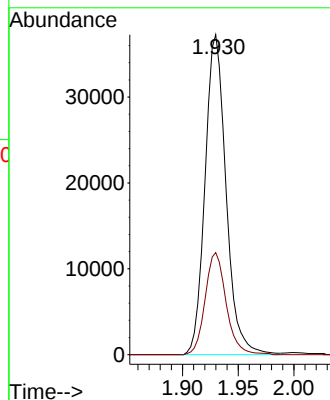
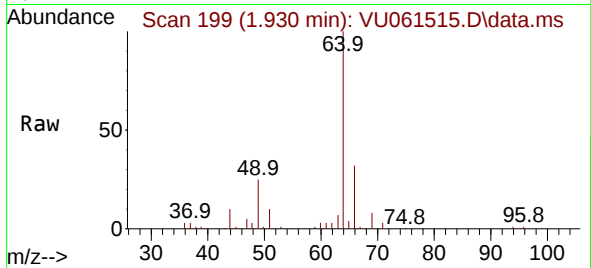




#8
Chloroethane
Concen: 5.088 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU061515.D
Acq: 07 Nov 2024 10:07

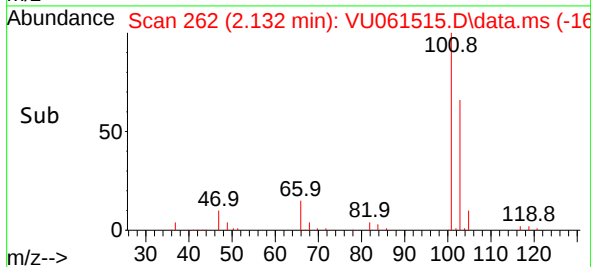
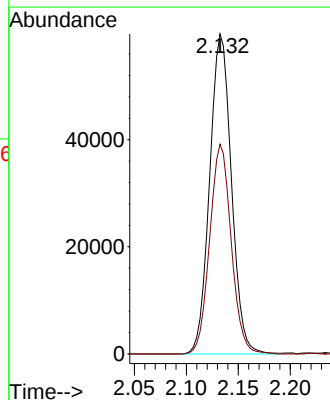
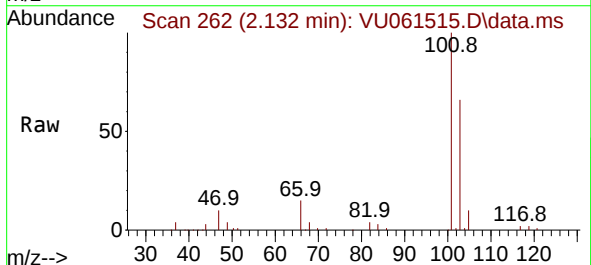
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MSVOA_U
ClientSampleId :

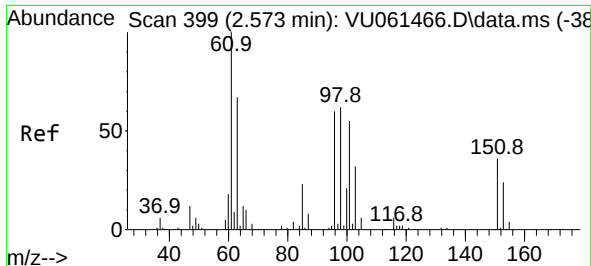
Tgt Ion: 64 Resp: 48898
Ion Ratio Lower Upper
64 100
66 31.9 23.1 42.9



#9
Trichlorofluoromethane
Concen: 4.899 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU061515.D
Acq: 07 Nov 2024 10:07

Tgt Ion:101 Resp: 86857
Ion Ratio Lower Upper
101 100
103 64.7 50.6 75.8

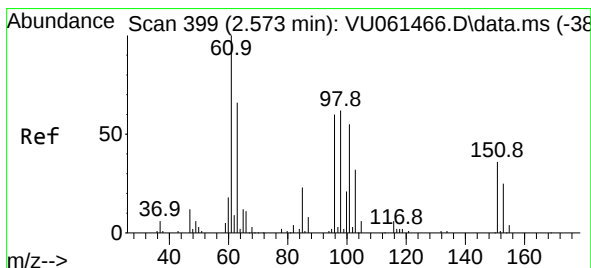
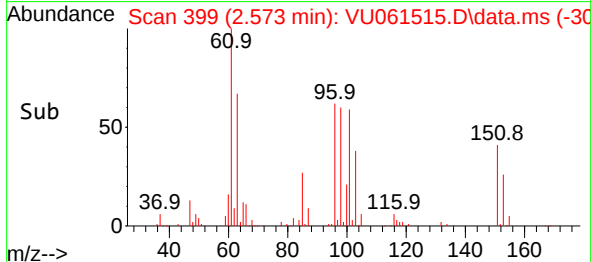
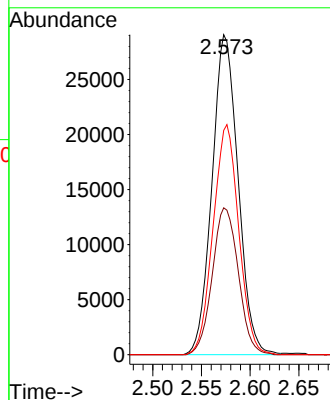
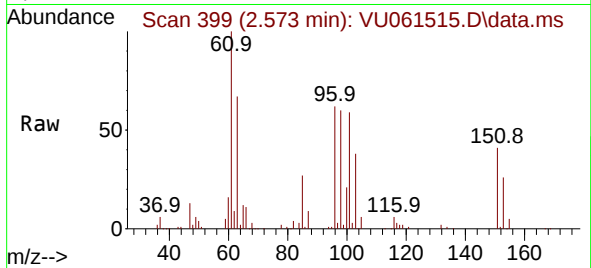




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.141 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU061515.D
 Acq: 07 Nov 2024 10:07

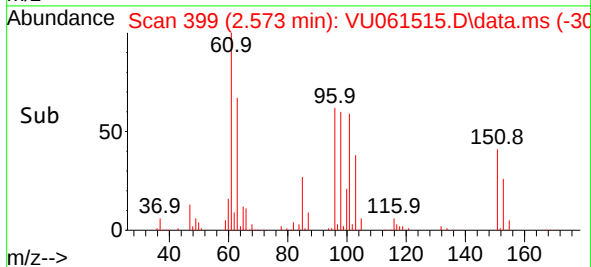
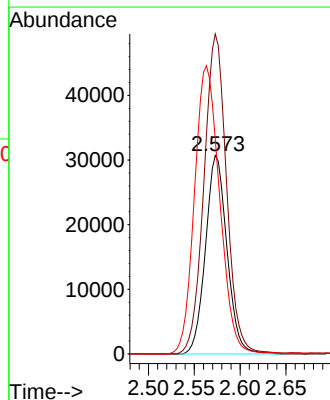
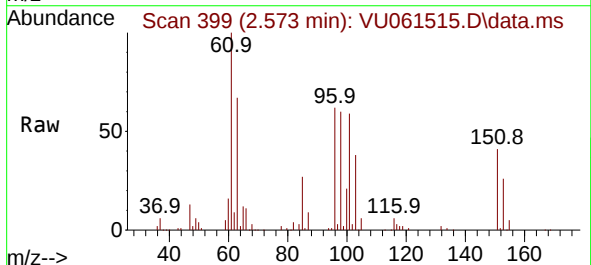
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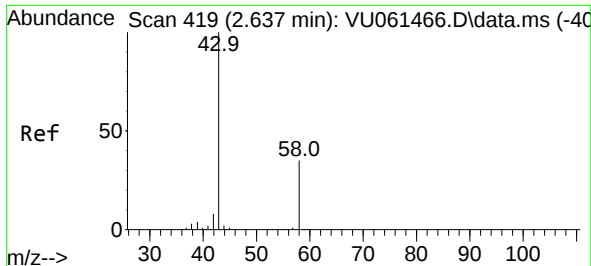
Tgt Ion:101 Resp: 54119
 Ion Ratio Lower Upper
 101 100
 85 45.8 35.6 53.4
 151 70.7 55.9 83.9



#12
 1,1-Dichloroethene
 Concen: 5.011 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU061515.D
 Acq: 07 Nov 2024 10:07

Tgt Ion: 96 Resp: 50033
 Ion Ratio Lower Upper
 96 100
 61 161.3 119.1 221.1
 63 108.3 89.4 166.0





#13

Acetone

Concen: 50.661 ug/L

RT: 2.637 min Scan# 419

Delta R.T. -0.007 min

Lab File: VU061515.D

Acq: 07 Nov 2024 10:07

Instrument :

MSVOA_U

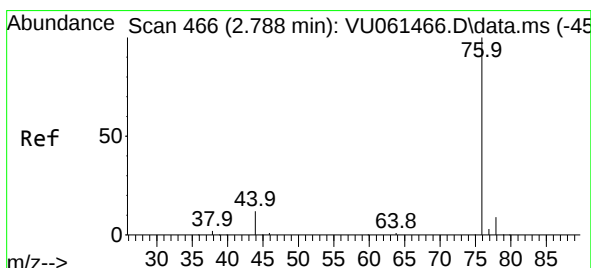
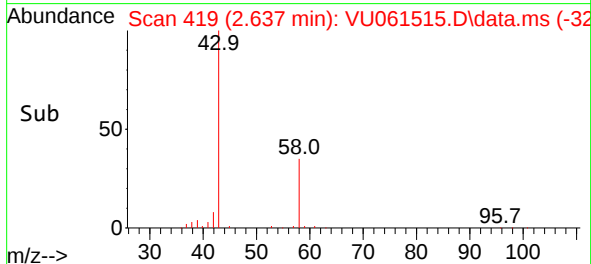
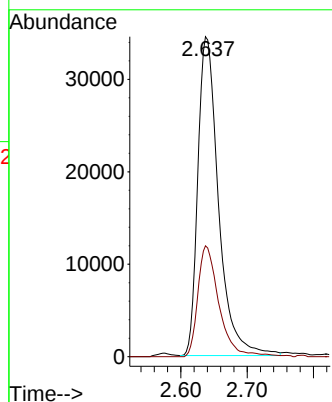
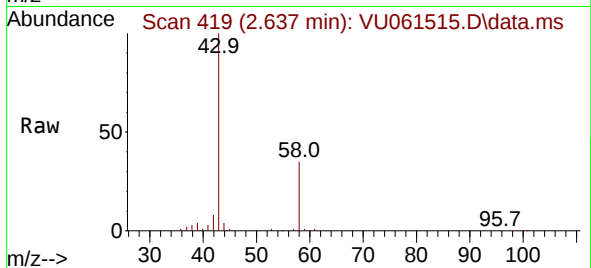
ClientSampleId :

Tgt Ion: 43 Resp: 74731

Ion Ratio Lower Upper

43 100

58 35.1 0.0 73.2



#14

Carbon disulfide

Concen: 3.999 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU061515.D

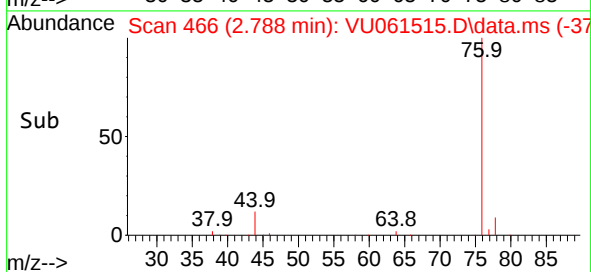
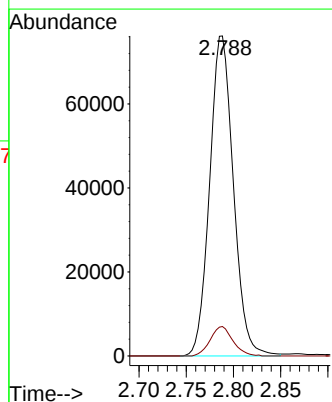
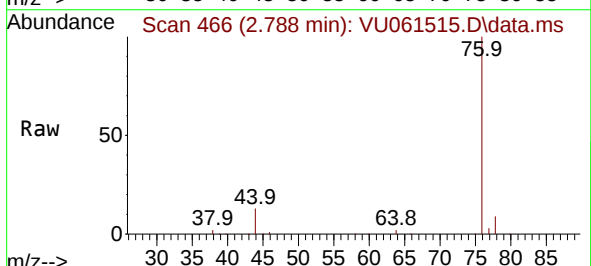
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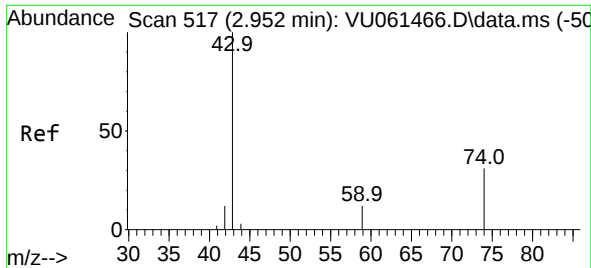
Tgt Ion: 76 Resp: 133222

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.2

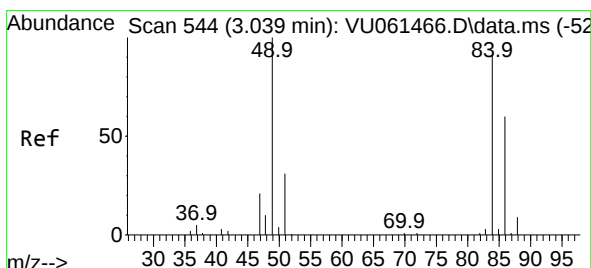
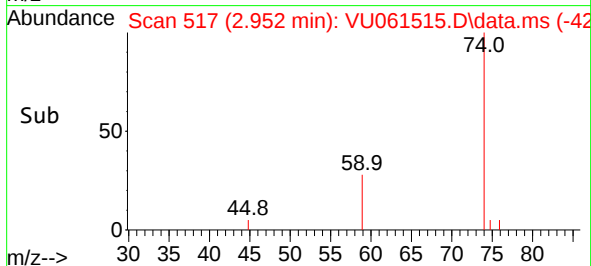
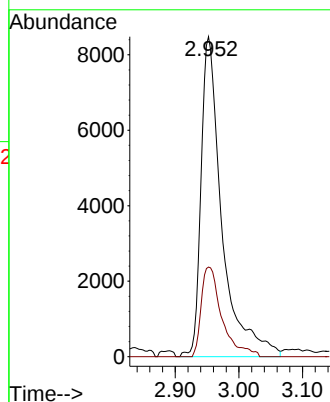
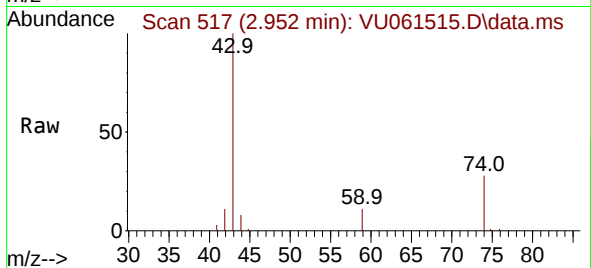




#15
Methyl Acetate
Concen: 5.295 ug/L
RT: 2.952 min Scan# 517
Delta R.T. -0.000 min
Lab File: VU061515.D
Acq: 07 Nov 2024 10:07

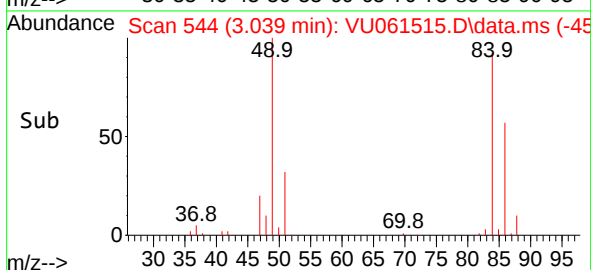
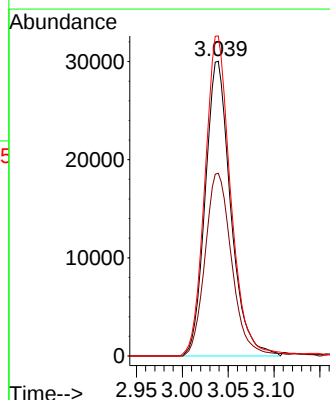
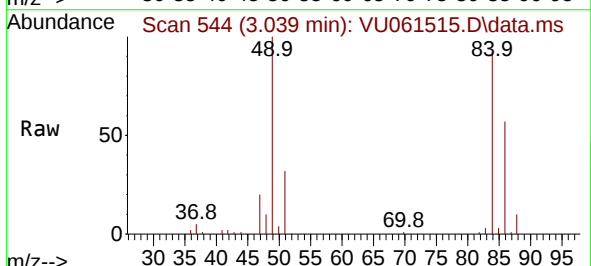
Instrument :
MSVOA_U
ClientSampleId :

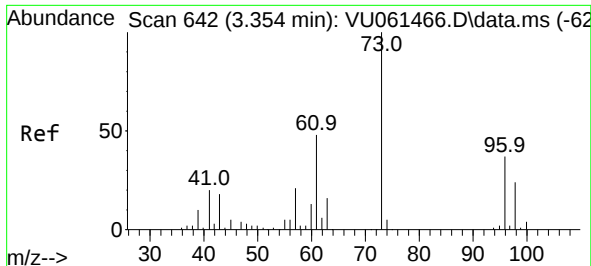
Tgt Ion: 43 Resp: 19343
Ion Ratio Lower Upper
43 100
74 27.6 22.2 33.4



#16
Methylene chloride
Concen: 4.933 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU061515.D
Acq: 07 Nov 2024 10:07

Tgt Ion: 84 Resp: 58042
Ion Ratio Lower Upper
84 100
86 62.0 43.5 80.7
49 108.5 75.7 140.7

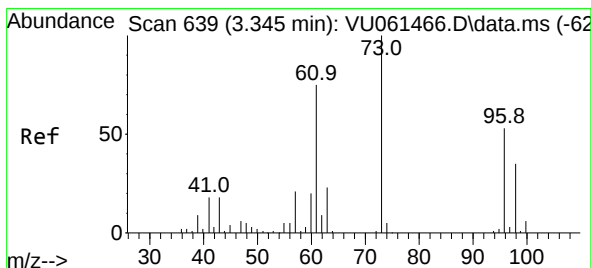
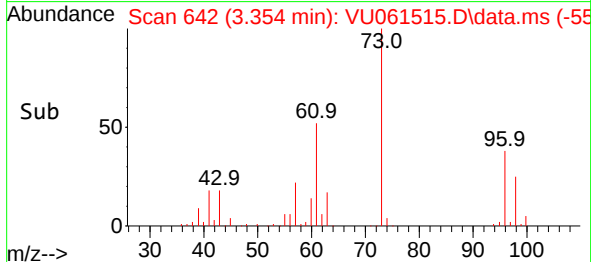
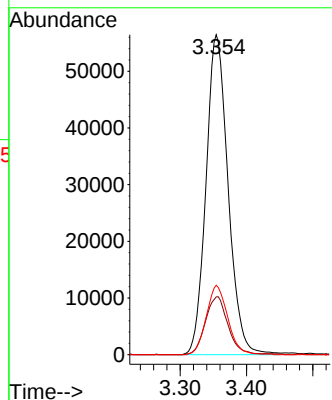
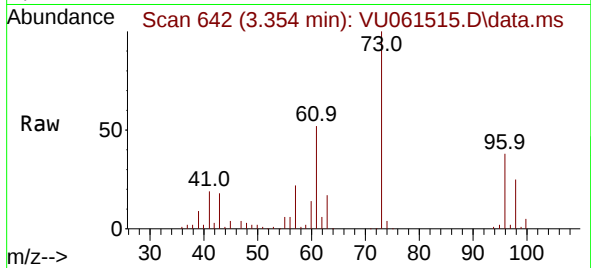




#17
Methyl tert-butyl Ether
Concen: 4.832 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.003 min
Lab File: VU061515.D
Acq: 07 Nov 2024 10:07

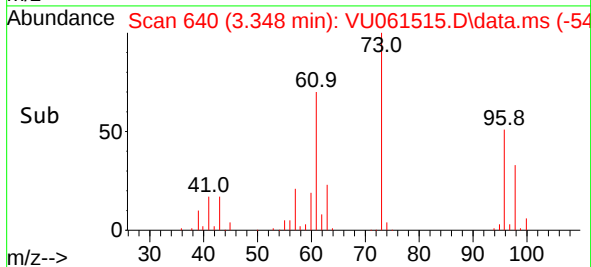
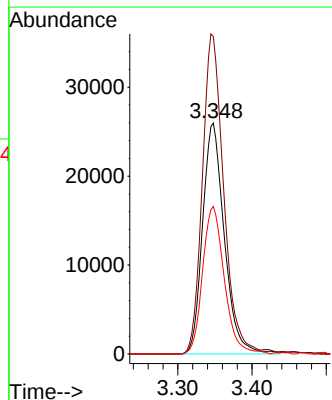
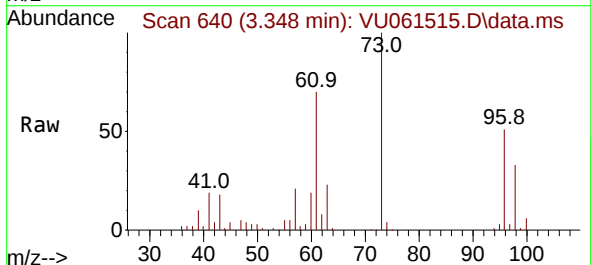
Instrument :
MSVOA_U
ClientSampleId :

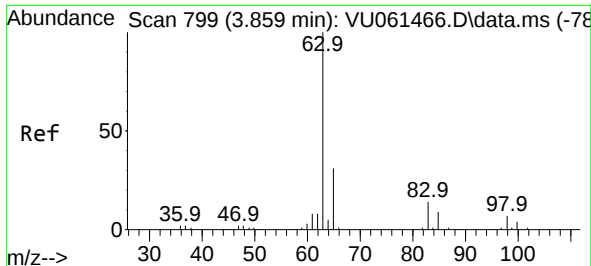
Tgt Ion: 73 Resp: 130751
Ion Ratio Lower Upper
73 100
43 18.5 15.0 22.4
57 21.1 17.0 25.6



#18
trans-1,2-Dichloroethene
Concen: 4.781 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU061515.D
Acq: 07 Nov 2024 10:07

Tgt Ion: 96 Resp: 52780
Ion Ratio Lower Upper
96 100
61 137.5 97.9 181.7
98 63.9 46.2 85.8





#19

1,1-Dichloroethane

Concen: 5.065 ug/L

RT: 3.859 min Scan# 799

Delta R.T. -0.000 min

Lab File: VU061515.D

Acq: 07 Nov 2024 10:07

Instrument :

MSVOA_U

ClientSampleId :

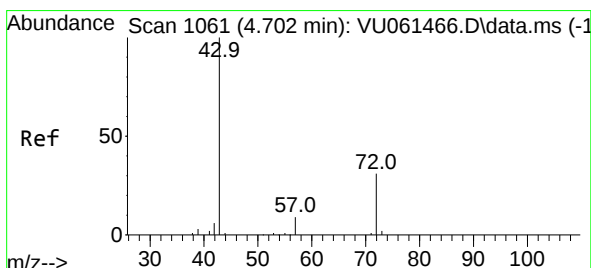
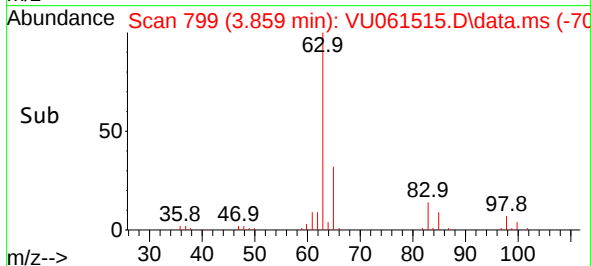
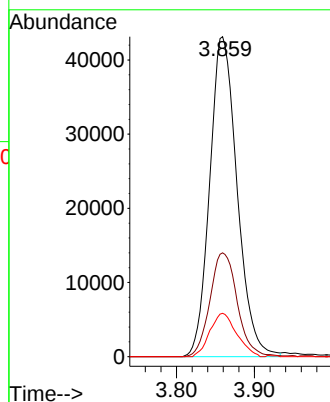
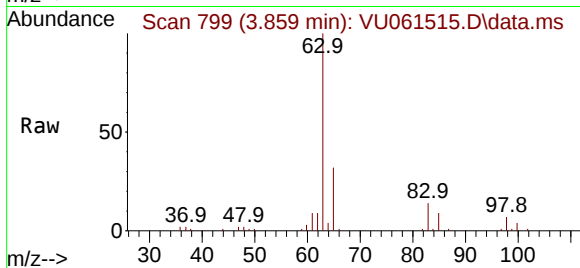
Tgt Ion: 63 Resp: 105467

Ion Ratio Lower Upper

63 100

65 32.4 23.0 42.6

83 13.6 9.7 17.9



#21

2-Butanone

Concen: 52.026 ug/L

RT: 4.701 min Scan# 1061

Delta R.T. -0.003 min

Lab File: VU061515.D

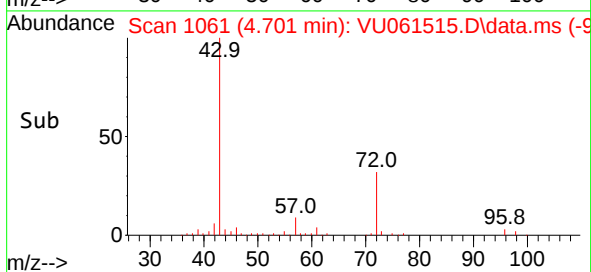
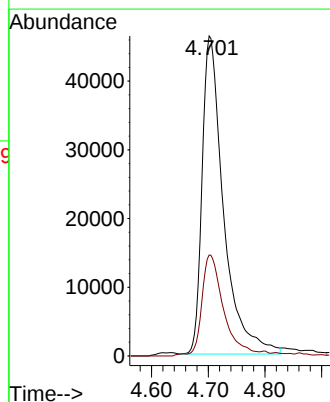
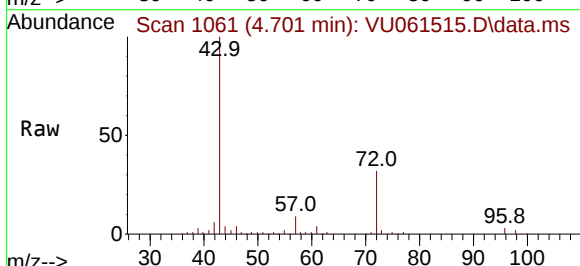
Acq: 07 Nov 2024 10:07

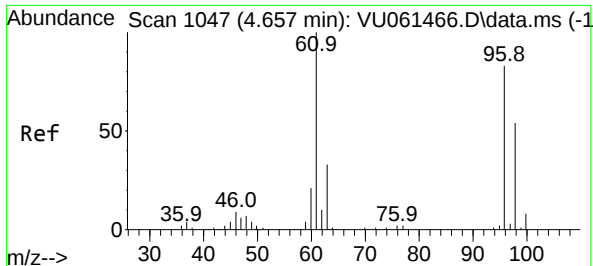
Tgt Ion: 43 Resp: 121663

Ion Ratio Lower Upper

43 100

72 30.1 15.9 47.6

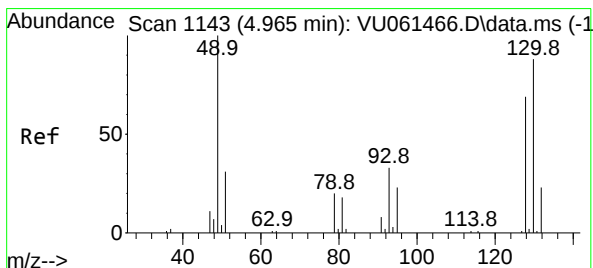
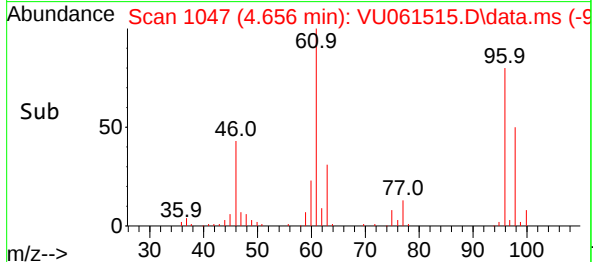
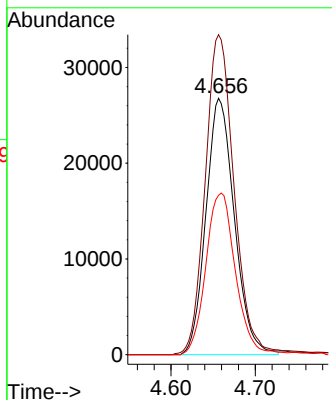
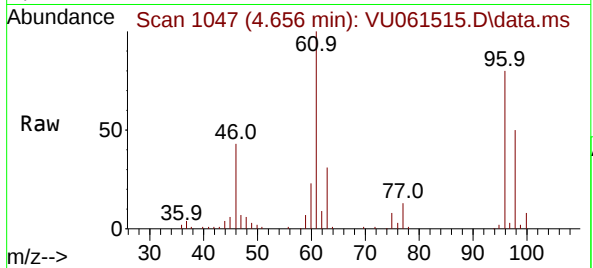




#22
 cis-1,2-Dichloroethene
 Concen: 4.990 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. -0.000 min
 Lab File: VU061515.D
 Acq: 07 Nov 2024 10:07

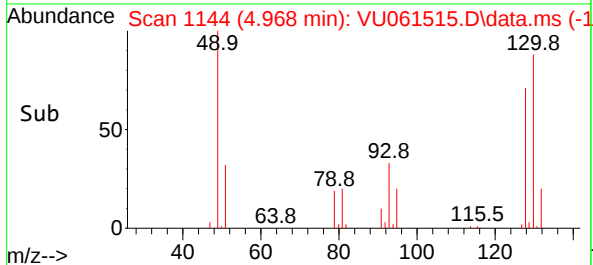
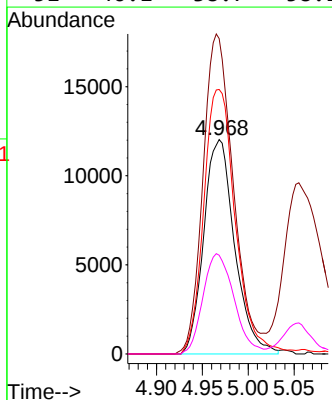
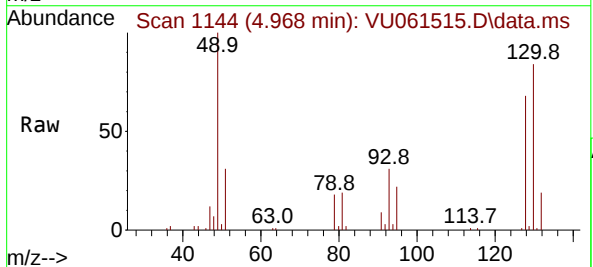
Instrument :
 MSVOA_U
 ClientSampleId :

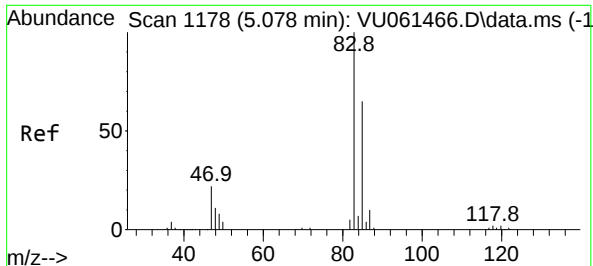
Tgt Ion: 96 Resp: 62921
 Ion Ratio Lower Upper
 96 100
 61 124.8 88.1 163.5
 98 62.2 45.0 83.6



#23
 Bromochloromethane
 Concen: 5.314 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. -0.000 min
 Lab File: VU061515.D
 Acq: 07 Nov 2024 10:07

Tgt Ion:128 Resp: 28196
 Ion Ratio Lower Upper
 128 100
 49 147.1 105.1 195.1
 130 123.3 89.6 166.4
 51 46.1 38.7 58.1





#25

Chloroform

Concen: 5.210 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VU061515.D

Acq: 07 Nov 2024 10:07

Instrument :

MSVOA_U

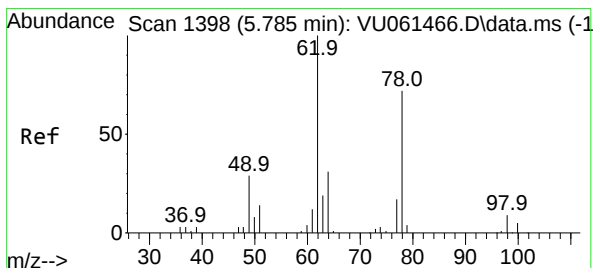
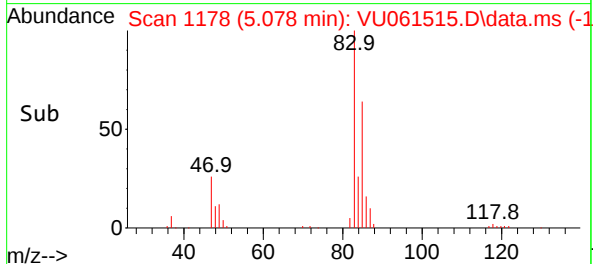
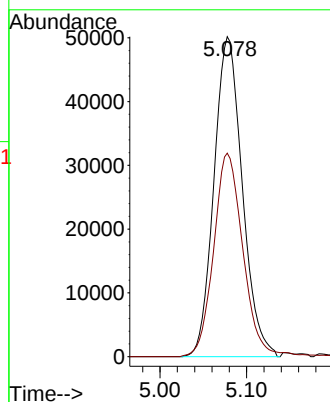
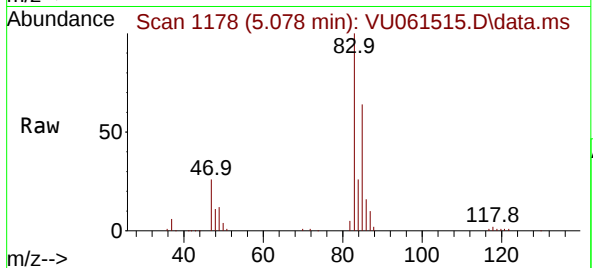
ClientSampleId :

Tgt Ion: 83 Resp: 114051

Ion Ratio Lower Upper

83 100

85 63.6 45.6 84.6



#27

1,2-Dichloroethane

Concen: 4.920 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VU061515.D

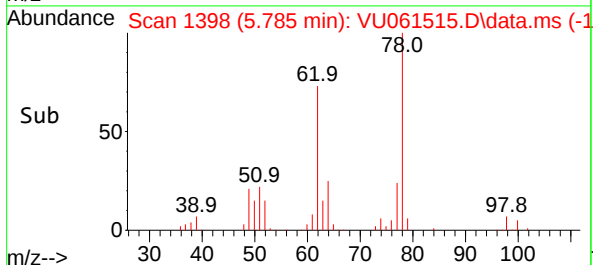
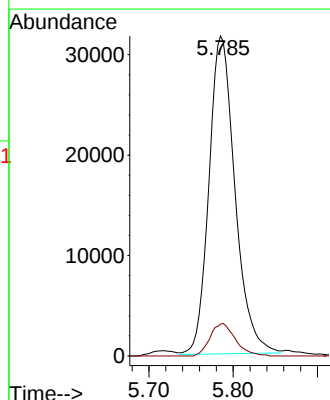
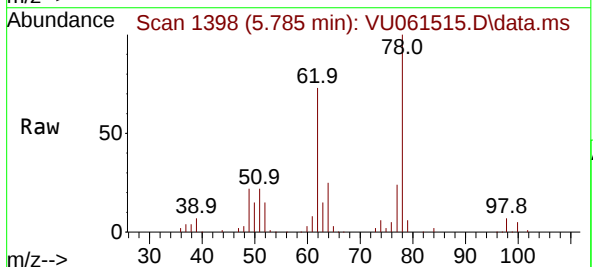
Acq: 07 Nov 2024 10:07

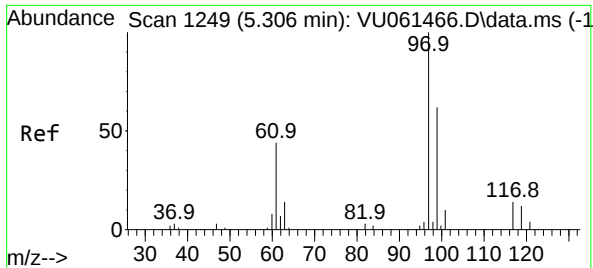
Tgt Ion: 62 Resp: 68064

Ion Ratio Lower Upper

62 100

98 9.9 7.4 11.0

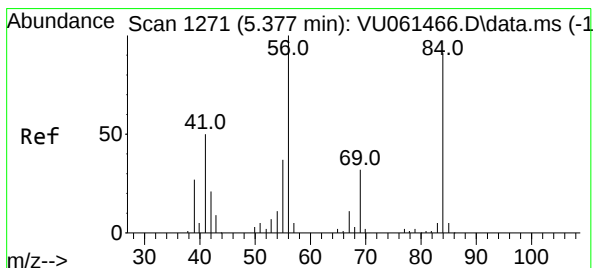
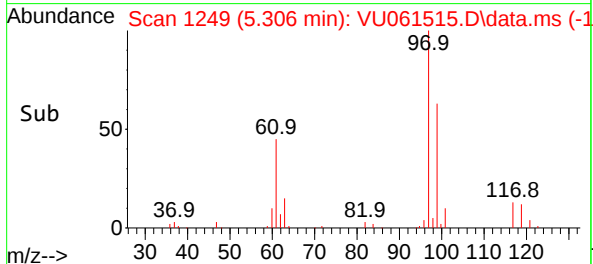
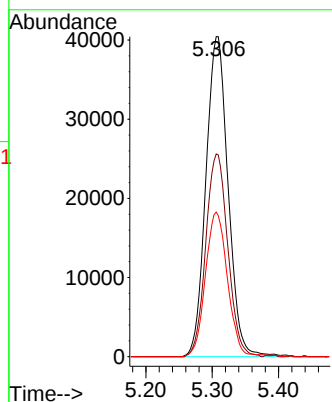
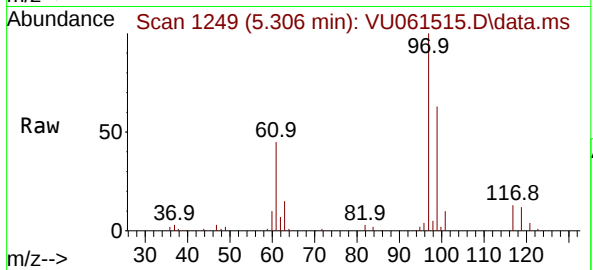




#29
1,1,1-Trichloroethane
Concen: 4.827 ug/L
RT: 5.306 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU061515.D
Acq: 07 Nov 2024 10:07

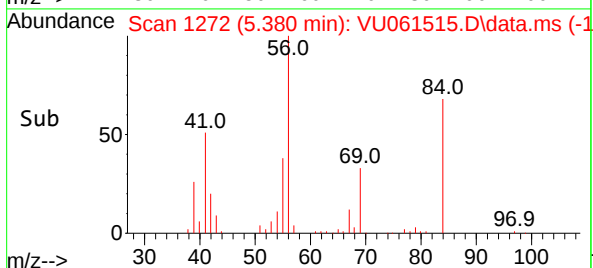
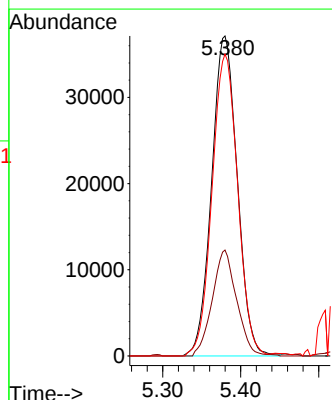
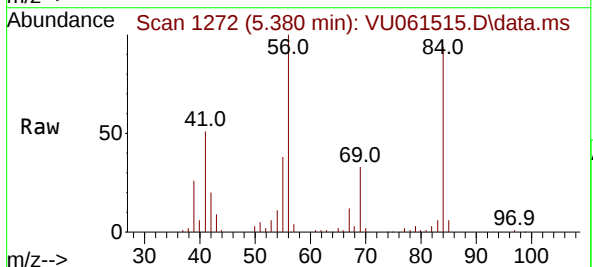
Instrument :
MSVOA_U
ClientSampleId :

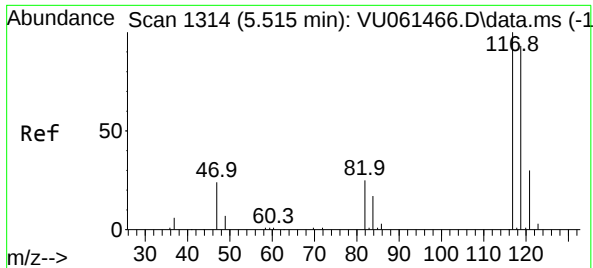
Tgt Ion: 97 Resp: 94042
Ion Ratio Lower Upper
97 100
99 62.8 50.8 76.2
61 45.2 36.1 54.1



#30
Cyclohexane
Concen: 4.347 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VU061515.D
Acq: 07 Nov 2024 10:07

Tgt Ion: 56 Resp: 84952
Ion Ratio Lower Upper
56 100
69 31.4 25.8 38.6
84 94.1 73.9 110.9

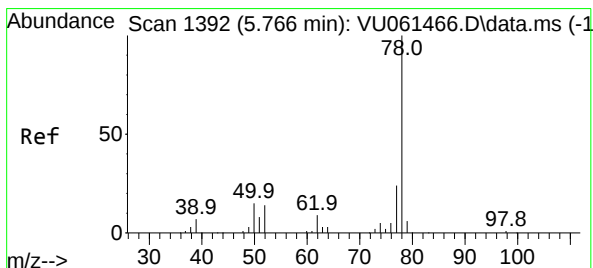
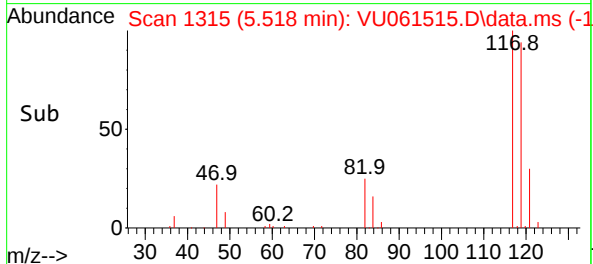
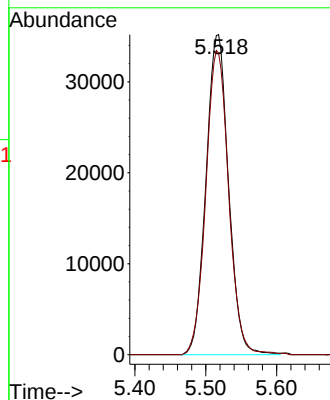
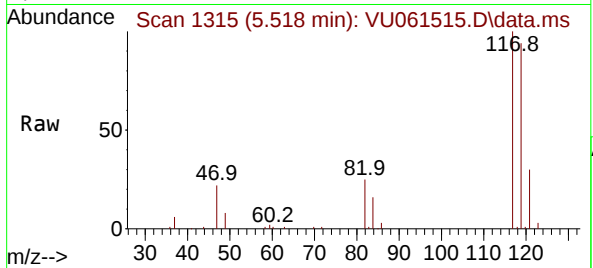




#31
Carbon tetrachloride
Concen: 4.671 ug/L
RT: 5.518 min Scan# 117
Delta R.T. 0.003 min
Lab File: VU061515.D
Acq: 07 Nov 2024 10:07

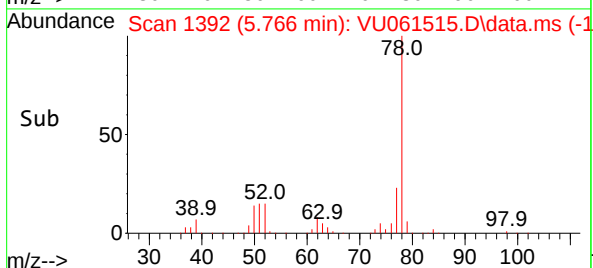
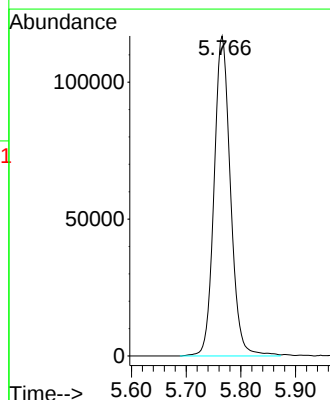
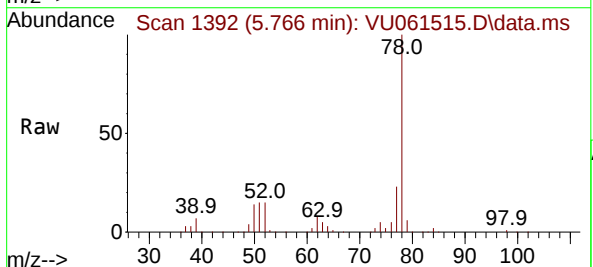
Instrument :
MSVOA_U
ClientSampleId :

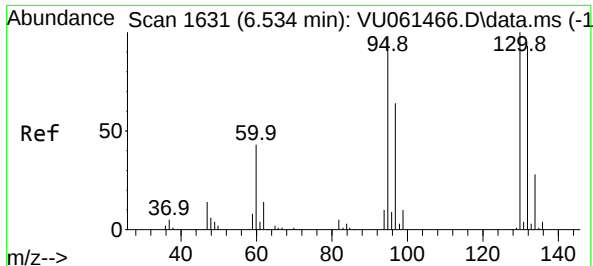
Tgt Ion:117 Resp: 77874
Ion Ratio Lower Upper
117 100
119 96.3 75.5 113.3



#33
Benzene
Concen: 4.959 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU061515.D
Acq: 07 Nov 2024 10:07

Tgt Ion: 78 Resp: 243999



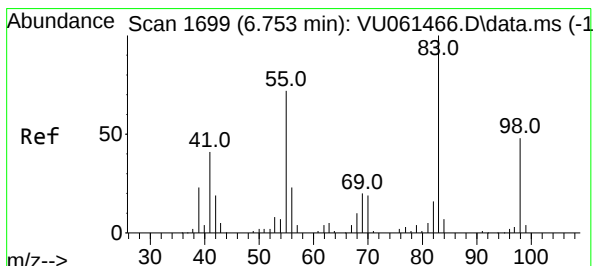
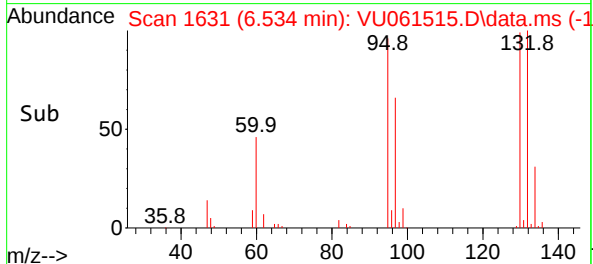
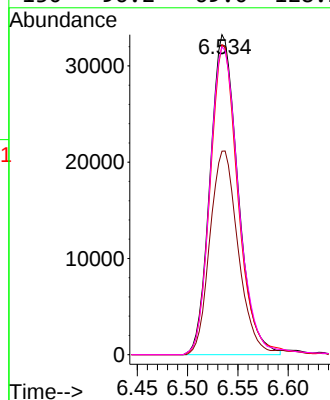
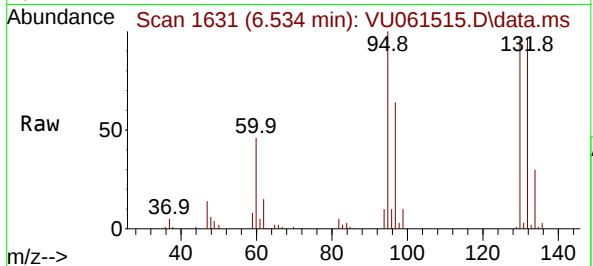


#34
Trichloroethene
Concen: 4.801 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.003 min
Lab File: VU061515.D
Acq: 07 Nov 2024 10:07

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 64257

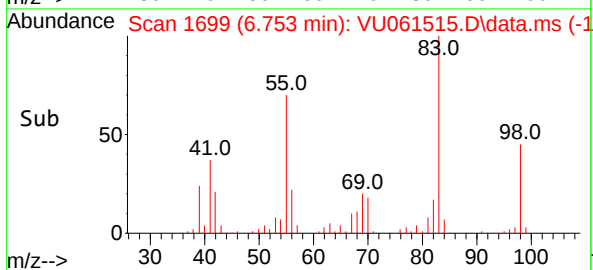
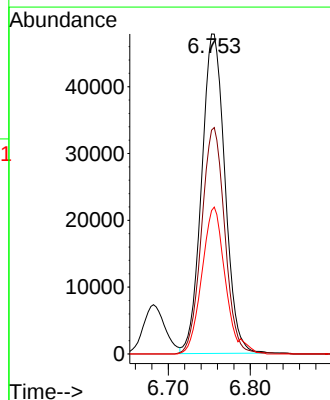
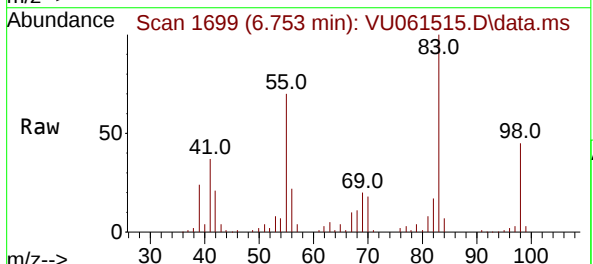
Ion	Ratio	Lower	Upper
95	100		
97	63.6	46.1	85.7
132	96.9	66.1	122.7
130	96.2	69.0	128.2

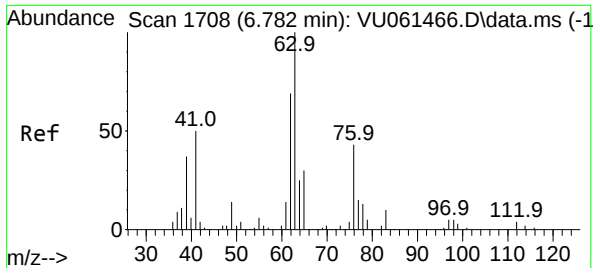


#35
Methylcyclohexane
Concen: 4.426 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. -0.003 min
Lab File: VU061515.D
Acq: 07 Nov 2024 10:07

Tgt Ion: 83 Resp: 94280

Ion	Ratio	Lower	Upper
83	100		
55	70.8	55.9	83.9
98	46.2	35.9	53.9

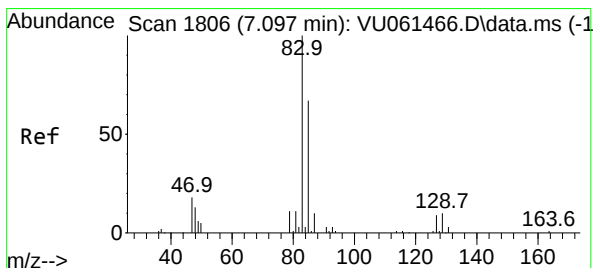
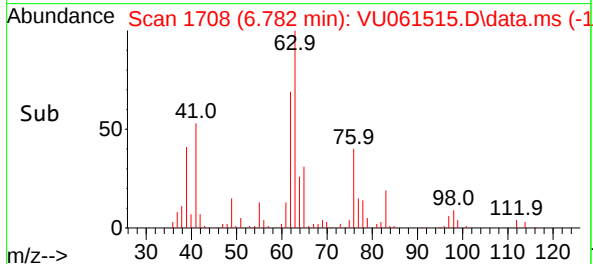
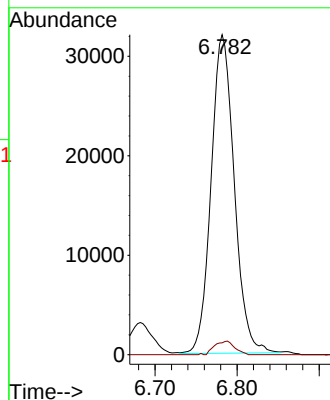
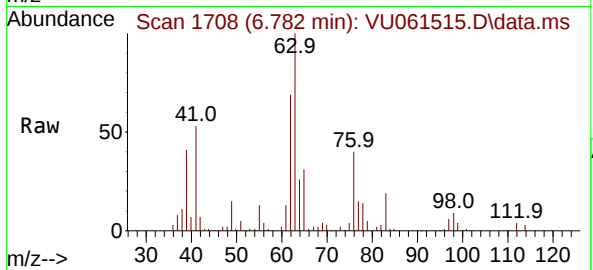




#37
1,2-Dichloropropane
Concen: 5.051 ug/L
RT: 6.782 min Scan# 1708
Delta R.T. -0.000 min
Lab File: VU061515.D
Acq: 07 Nov 2024 10:07

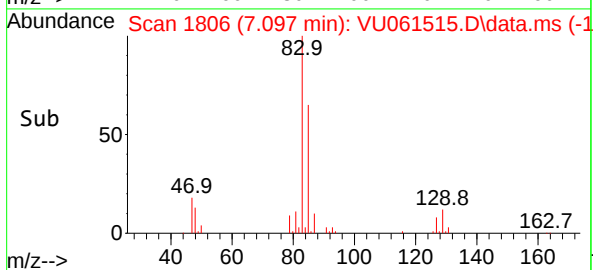
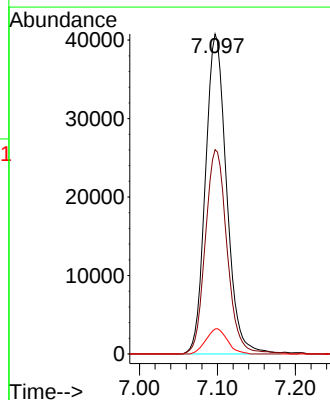
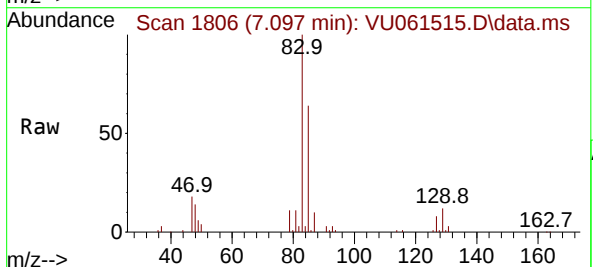
Instrument :
MSVOA_U
ClientSampleId :

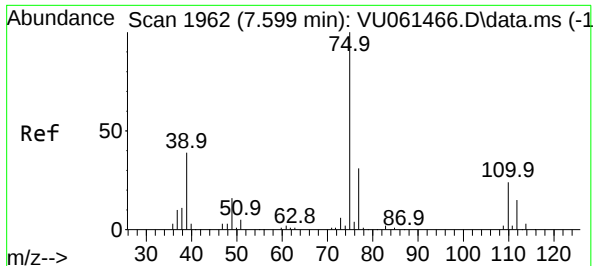
Tgt Ion: 63 Resp: 62995
Ion Ratio Lower Upper
63 100
112 3.7 3.0 4.4



#38
Bromodichloromethane
Concen: 4.861 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU061515.D
Acq: 07 Nov 2024 10:07

Tgt Ion: 83 Resp: 76720
Ion Ratio Lower Upper
83 100
85 63.9 43.8 81.4
127 7.8 7.4 11.0





#39

cis-1,3-Dichloropropene

Concen: 4.743 ug/L

RT: 7.602 min Scan# 1962

Delta R.T. 0.003 min

Lab File: VU061515.D

Acq: 07 Nov 2024 10:07

Instrument :

MSVOA_U

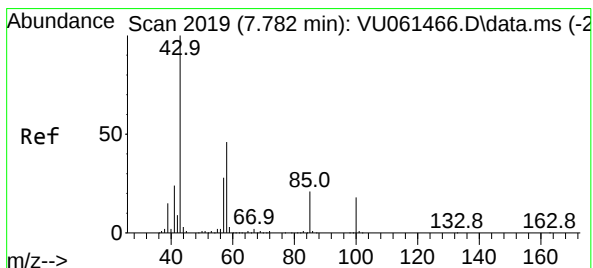
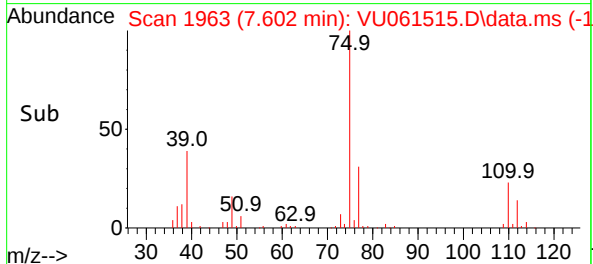
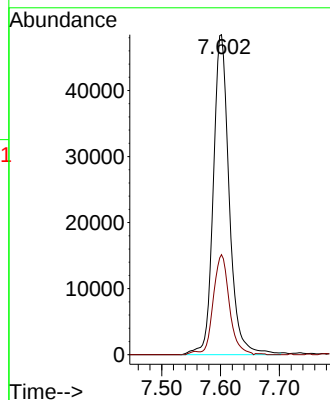
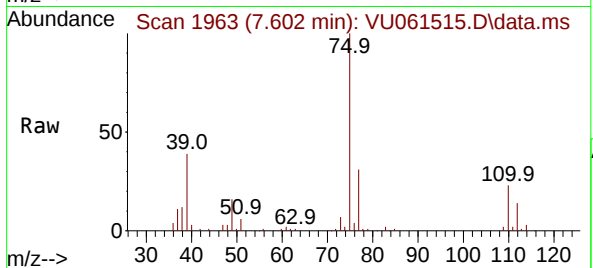
ClientSampleId :

Tgt Ion: 75 Resp: 91363

Ion Ratio Lower Upper

75 100

77 31.2 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 50.759 ug/L

RT: 7.782 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VU061515.D

Acq: 07 Nov 2024 10:07

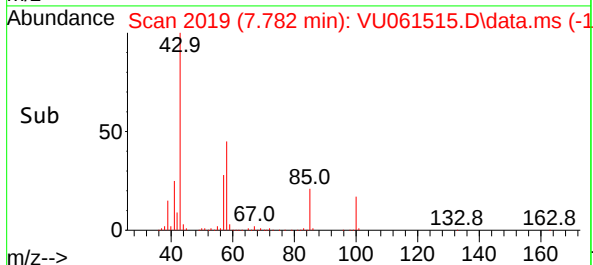
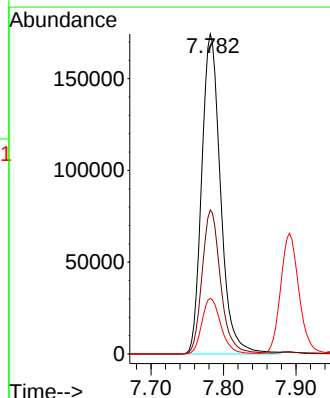
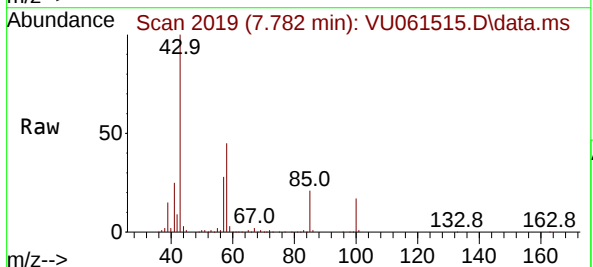
Tgt Ion: 43 Resp: 315066

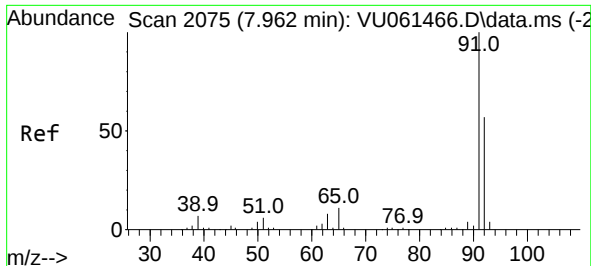
Ion Ratio Lower Upper

43 100

58 44.5 35.1 52.7

100 17.6 14.0 21.0





#42

Toluene

Concen: 4.967 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU061515.D

Acq: 07 Nov 2024 10:07

Instrument :

MSVOA_U

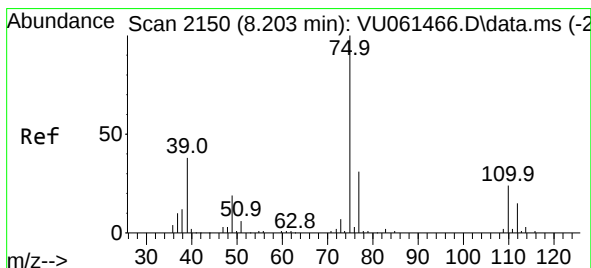
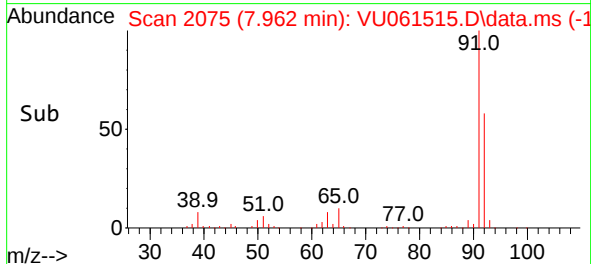
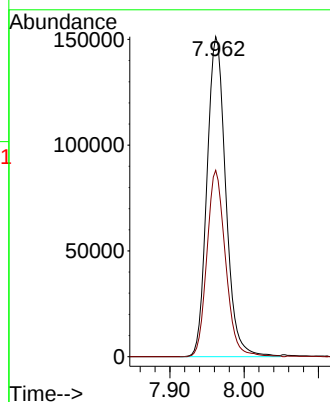
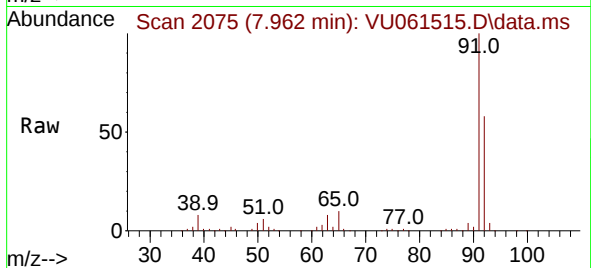
ClientSampleId :

Tgt Ion: 91 Resp: 265401

Ion Ratio Lower Upper

91 100

92 58.3 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 4.653 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU061515.D

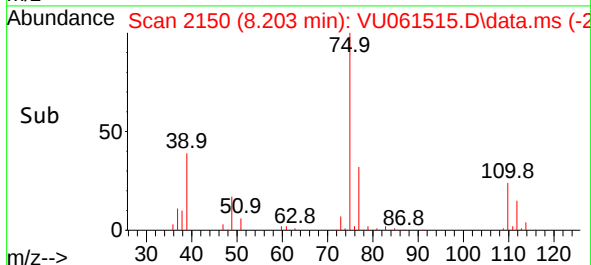
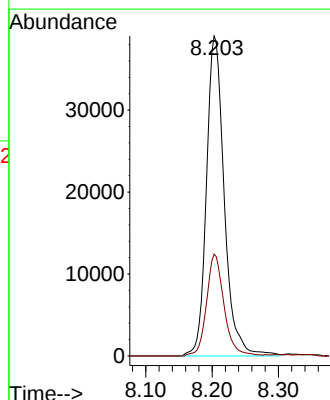
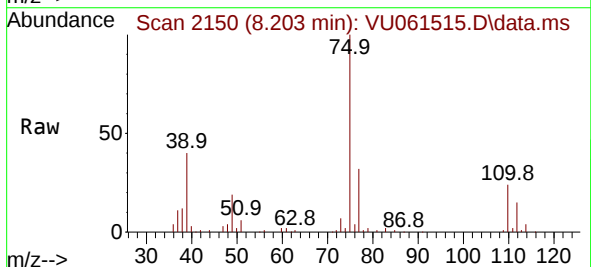
Acq: 07 Nov 2024 10:07

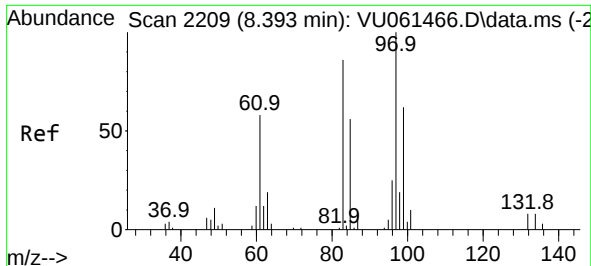
Tgt Ion: 75 Resp: 73023

Ion Ratio Lower Upper

75 100

77 31.8 22.0 40.8

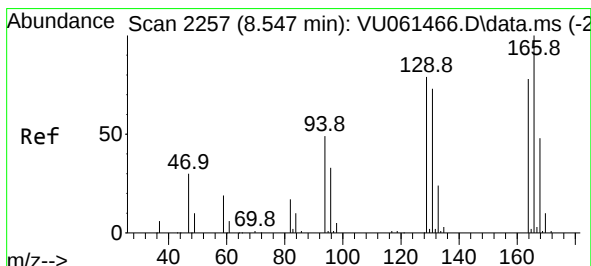
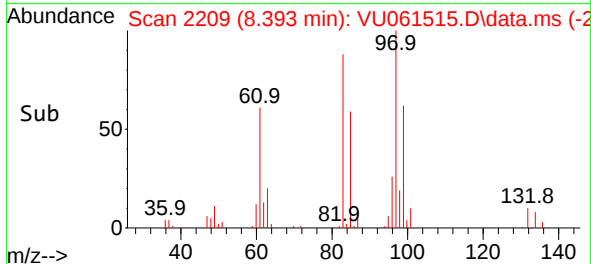
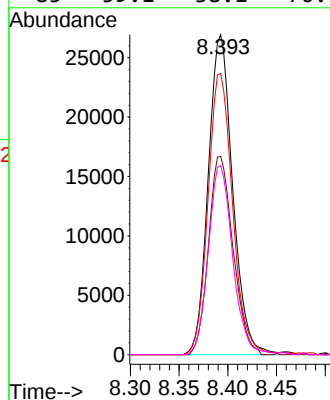
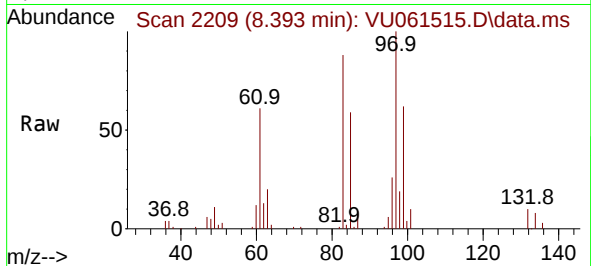




#45
1,1,2-Trichloroethane
Concen: 5.237 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VU061515.D
Acq: 07 Nov 2024 10:07

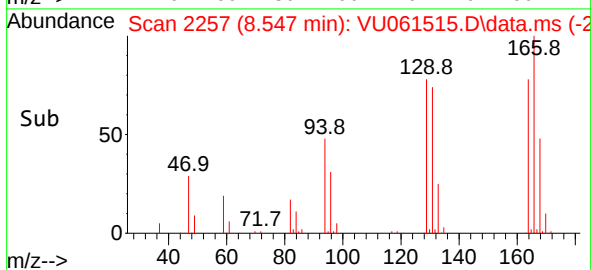
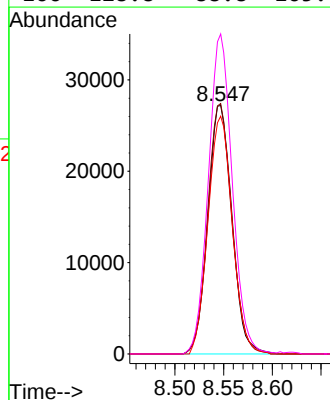
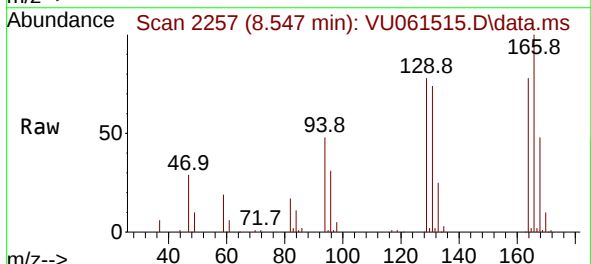
Instrument :
MSVOA_U
ClientSampleId :

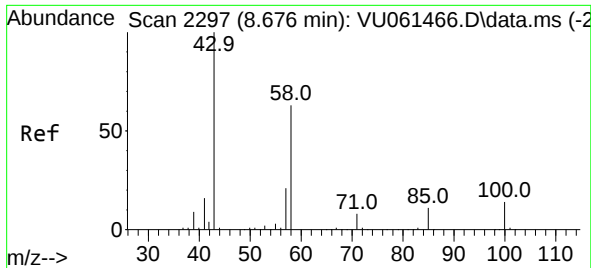
Tgt Ion:	97	Resp:	46999
Ion	Ratio	Lower	Upper
97	100		
99	62.0	44.1	81.9
83	87.9	61.2	113.6
85	59.1	38.1	70.7



#47
Tetrachloroethene
Concen: 5.009 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU061515.D
Acq: 07 Nov 2024 10:07

Tgt Ion:	164	Resp:	46825
Ion	Ratio	Lower	Upper
164	100		
129	100.8	69.9	129.7
131	95.7	68.3	126.8
166	128.8	88.8	165.0



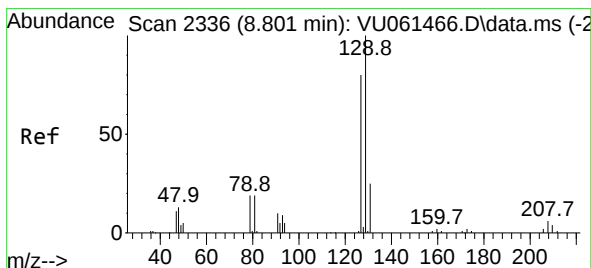
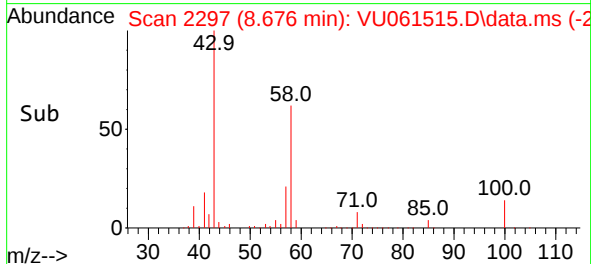
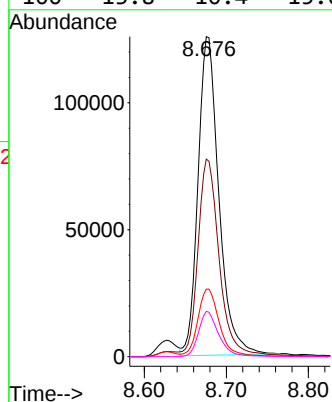
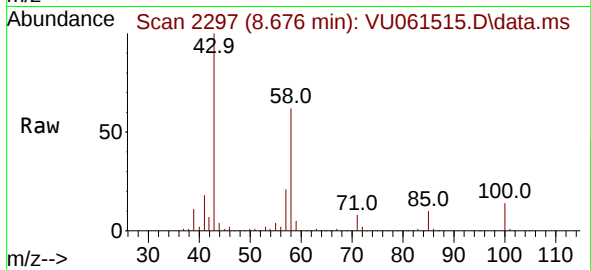


#48
2-Hexanone
Concen: 50.523 ug/L
RT: 8.676 min Scan# 2297
Delta R.T. -0.003 min
Lab File: VU061515.D
Acq: 07 Nov 2024 10:07

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 221762

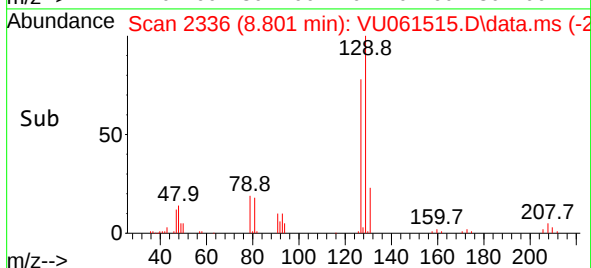
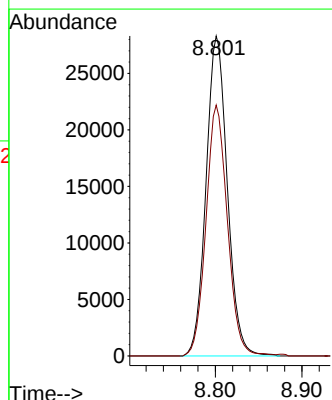
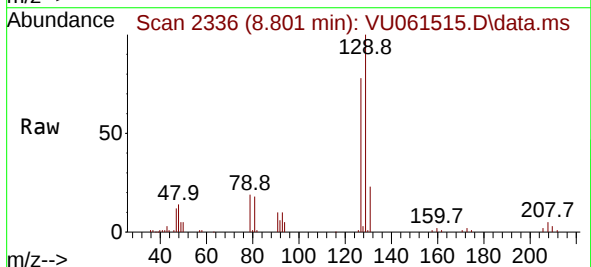
Ion	Ratio	Lower	Upper
43	100		
58	64.2	48.6	72.8
57	21.6	17.0	25.6
100	13.8	10.4	15.6

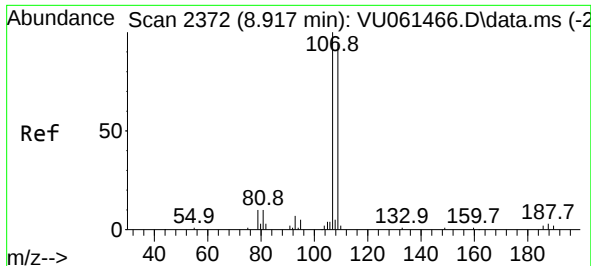


#49
Dibromochloromethane
Concen: 4.749 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU061515.D
Acq: 07 Nov 2024 10:07

Tgt Ion: 129 Resp: 48341

Ion	Ratio	Lower	Upper
129	100		
127	78.4	51.8	96.2

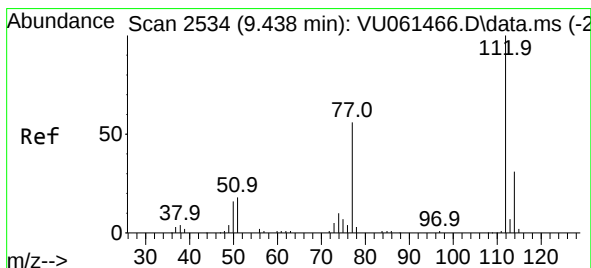
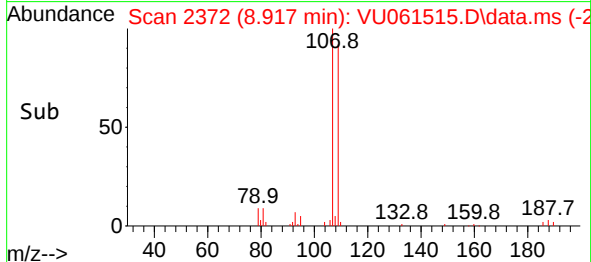
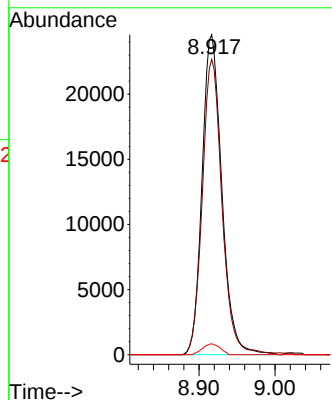
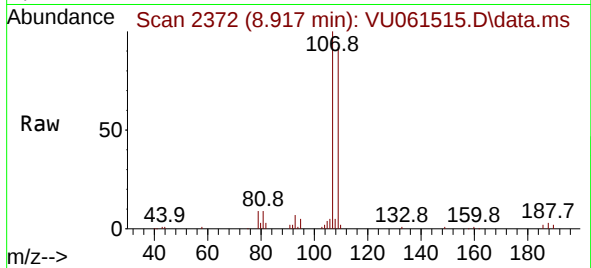




#50
1,2-Dibromoethane
Concen: 5.081 ug/L
RT: 8.917 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU061515.D
Acq: 07 Nov 2024 10:07

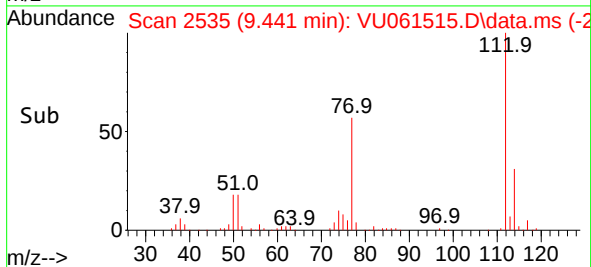
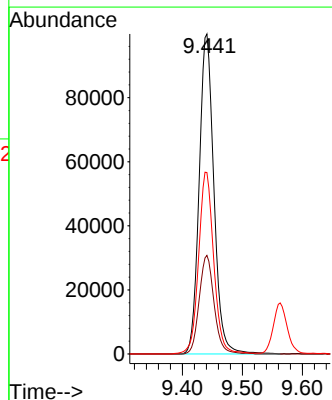
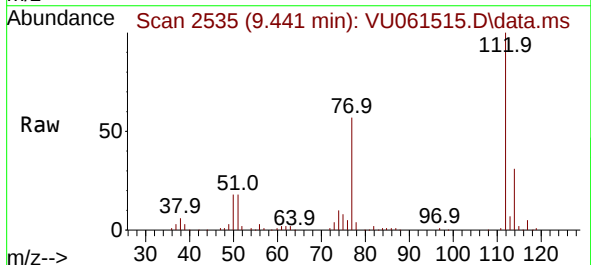
Instrument :
MSVOA_U
ClientSampleId :

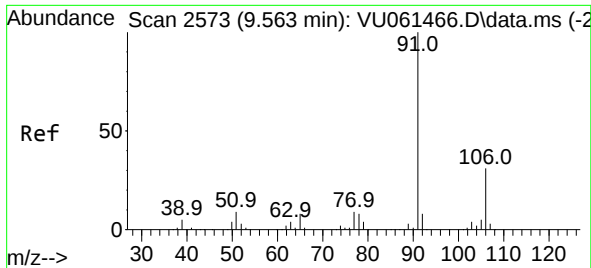
Tgt Ion:107 Resp: 44299
Ion Ratio Lower Upper
107 100
109 92.3 63.4 117.8
188 3.4 2.6 3.8



#51
Chlorobenzene
Concen: 5.066 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU061515.D
Acq: 07 Nov 2024 10:07

Tgt Ion:112 Resp: 171090
Ion Ratio Lower Upper
112 100
114 30.8 22.9 42.5
77 56.7 47.1 70.7

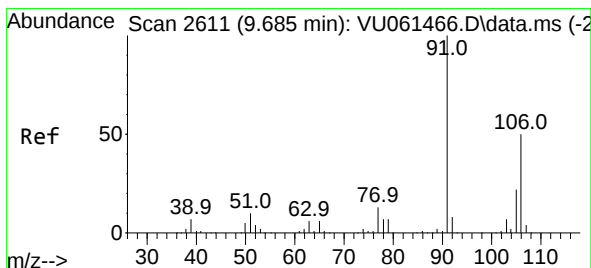
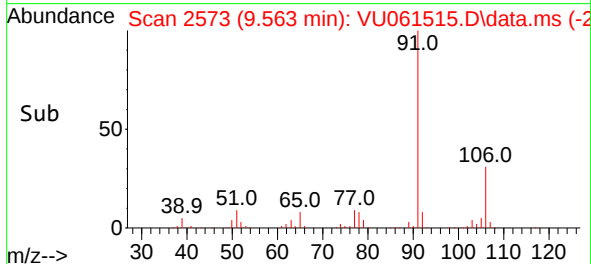
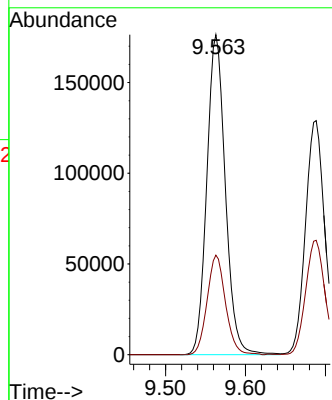
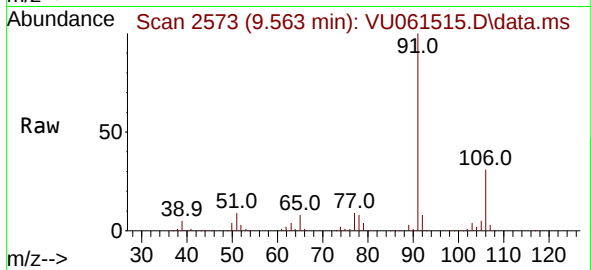




#52
Ethylbenzene
Concen: 4.835 ug/L
RT: 9.563 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU061515.D
Acq: 07 Nov 2024 10:07

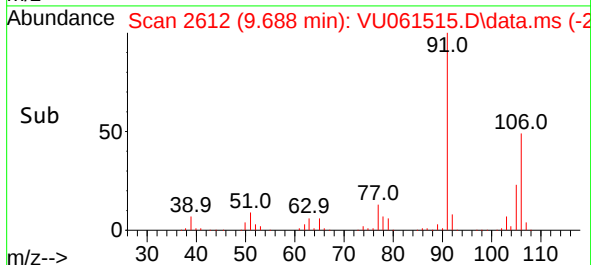
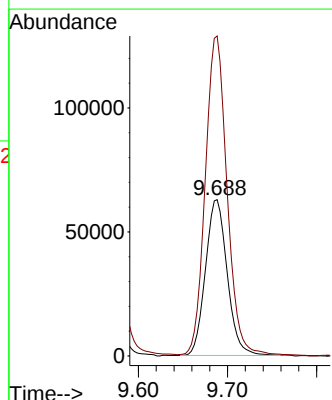
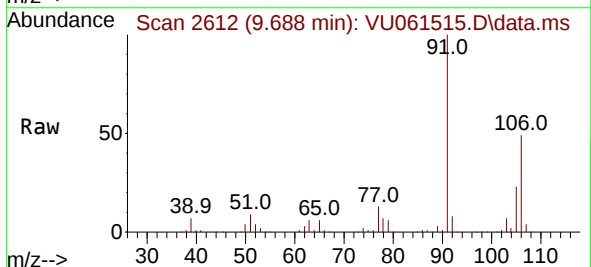
Instrument :
MSVOA_U
ClientSampleId :

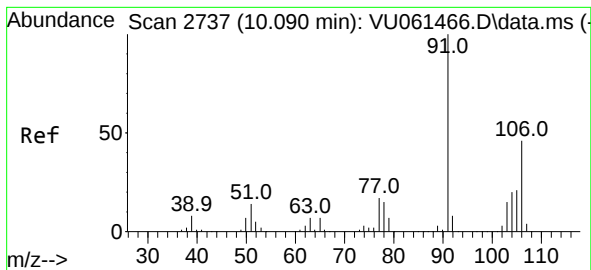
Tgt Ion: 91 Resp: 284199
Ion Ratio Lower Upper
91 100
106 31.1 22.0 41.0



#53
m,p-Xylene
Concen: 4.763 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.003 min
Lab File: VU061515.D
Acq: 07 Nov 2024 10:07

Tgt Ion:106 Resp: 106640
Ion Ratio Lower Upper
106 100
91 204.7 145.7 270.7





#54

o-Xylene

Concen: 4.792 ug/L

RT: 10.093 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU061515.D

Acq: 07 Nov 2024 10:07

Instrument :

MSVOA_U

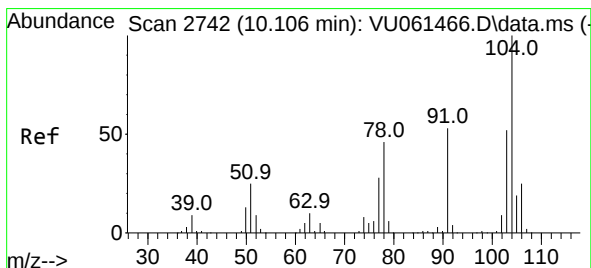
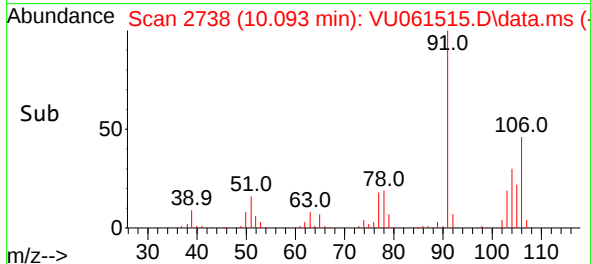
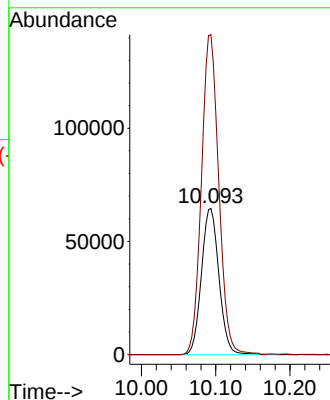
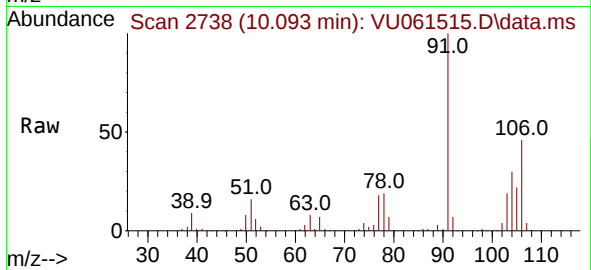
ClientSampleId :

Tgt Ion:106 Resp: 105905

Ion Ratio Lower Upper

106 100

91 218.7 148.8 276.4



#55

Styrene

Concen: 4.939 ug/L

RT: 10.106 min Scan# 2742

Delta R.T. -0.000 min

Lab File: VU061515.D

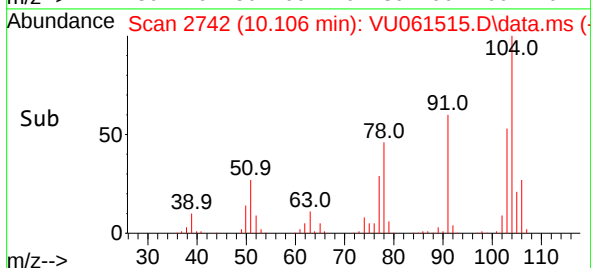
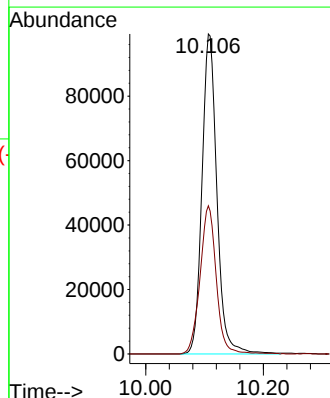
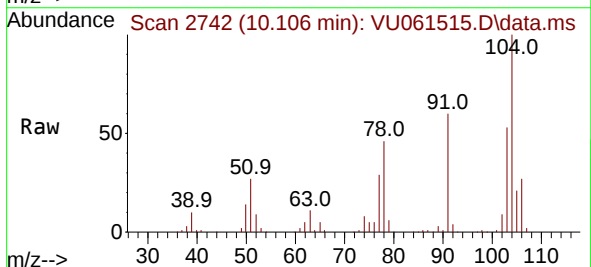
Acq: 07 Nov 2024 10:07

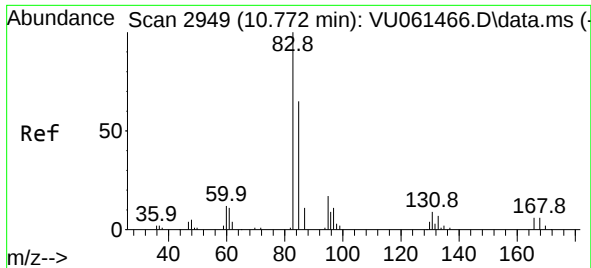
Tgt Ion:104 Resp: 174963

Ion Ratio Lower Upper

104 100

78 46.3 32.3 59.9

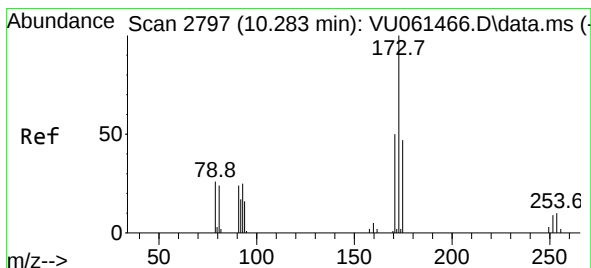
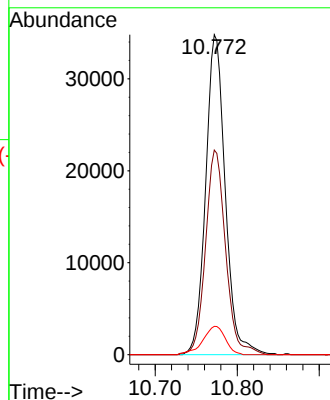
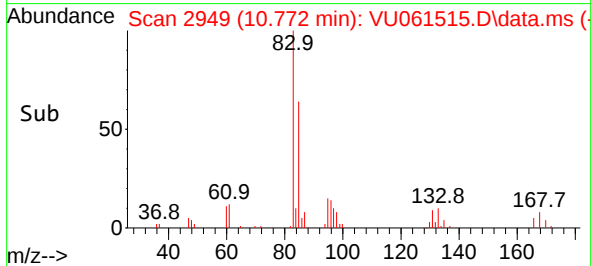
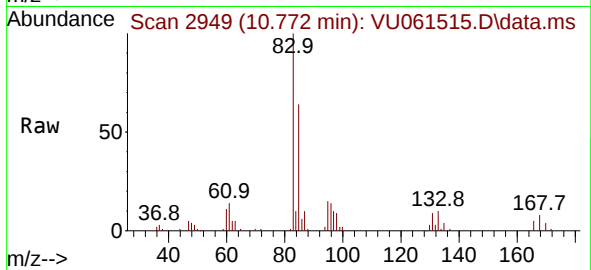




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.332 ug/L
 RT: 10.772 min Scan# 2949
 Delta R.T. -0.000 min
 Lab File: VU061515.D
 Acq: 07 Nov 2024 10:07

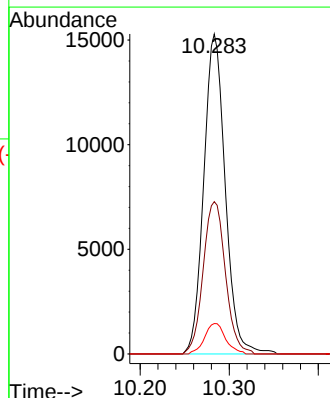
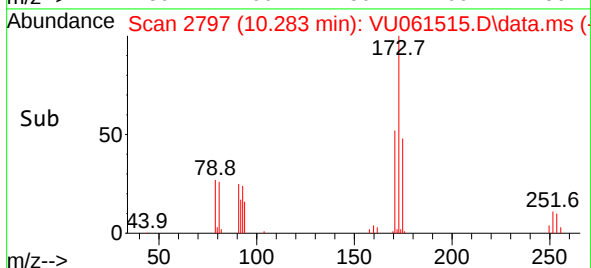
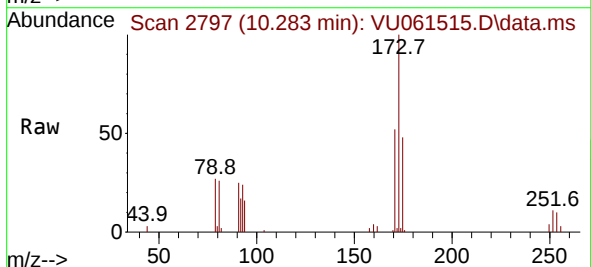
Instrument :
 MSVOA_U
 ClientSampleId :

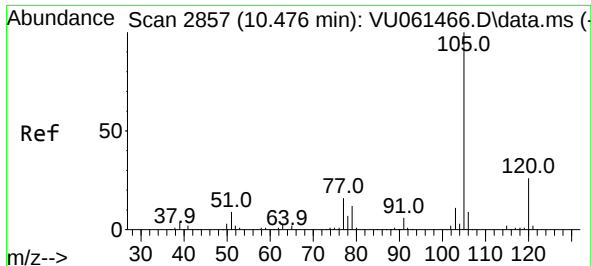
Tgt Ion: 83 Resp: 57670
 Ion Ratio Lower Upper
 83 100
 85 63.9 45.3 84.1
 131 8.9 7.6 11.4



#59
 Bromoform
 Concen: 4.455 ug/L
 RT: 10.283 min Scan# 2797
 Delta R.T. -0.000 min
 Lab File: VU061515.D
 Acq: 07 Nov 2024 10:07

Tgt Ion:173 Resp: 25576
 Ion Ratio Lower Upper
 173 100
 175 49.4 39.0 58.4
 254 9.3 6.8 10.2

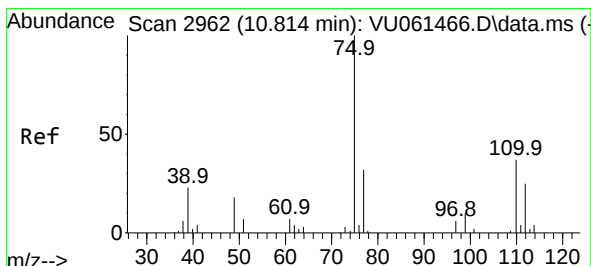
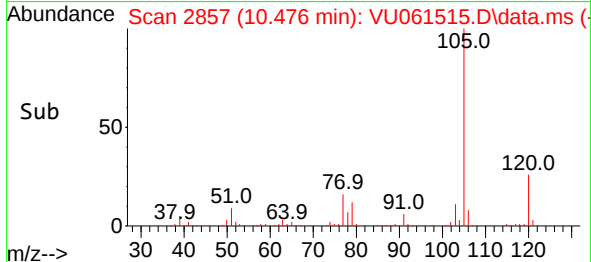
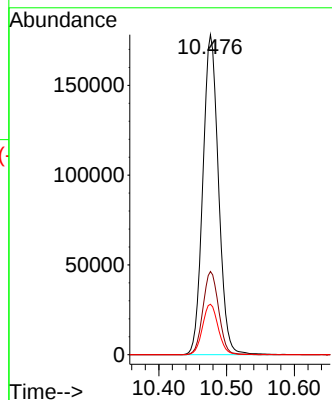
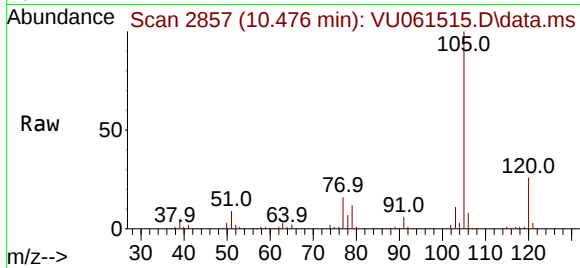




#60
Isopropylbenzene
Concen: 4.819 ug/L
RT: 10.476 min Scan# 2857
Delta R.T. -0.000 min
Lab File: VU061515.D
Acq: 07 Nov 2024 10:07

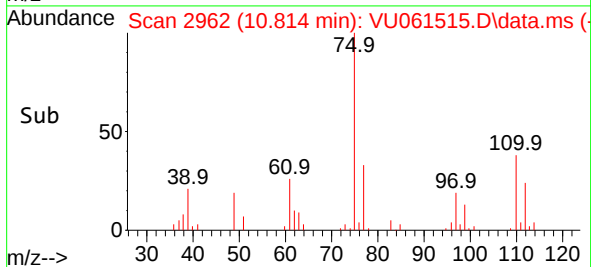
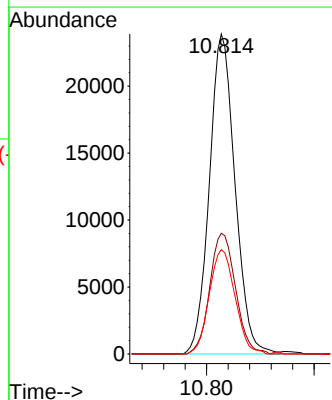
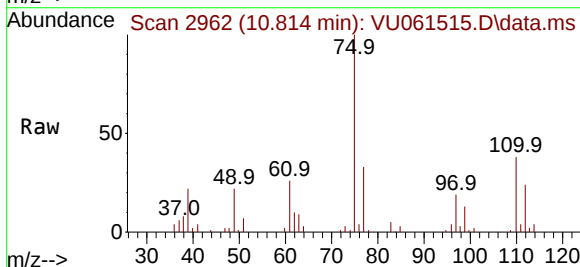
Instrument :
MSVOA_U
ClientSampleId :

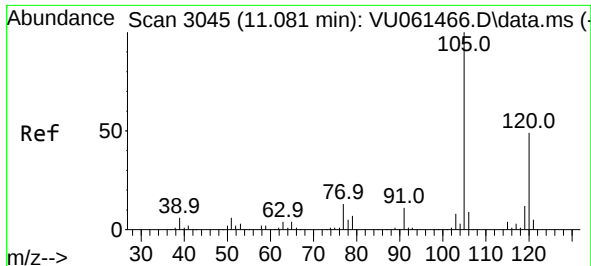
Tgt Ion:105 Resp: 285502
Ion Ratio Lower Upper
105 100
120 26.1 21.2 31.8
77 15.8 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.121 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. -0.000 min
Lab File: VU061515.D
Acq: 07 Nov 2024 10:07

Tgt Ion: 75 Resp: 39568
Ion Ratio Lower Upper
75 100
110 37.9 28.8 43.2
77 32.8 25.7 38.5





#62

1,3,5-Trimethylbenzene

Concen: 4.605 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. -0.000 min

Lab File: VU061515.D

Acq: 07 Nov 2024 10:07

Instrument :

MSVOA_U

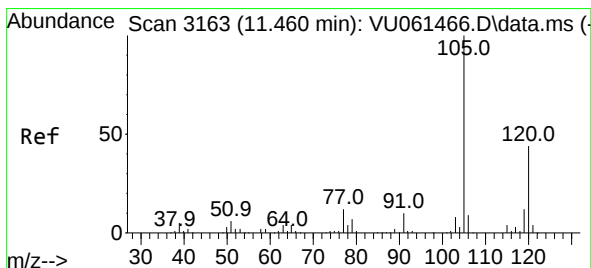
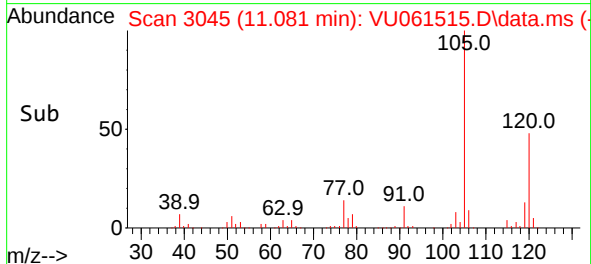
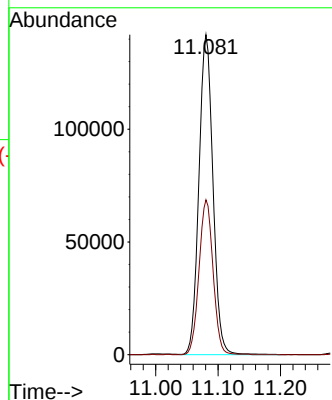
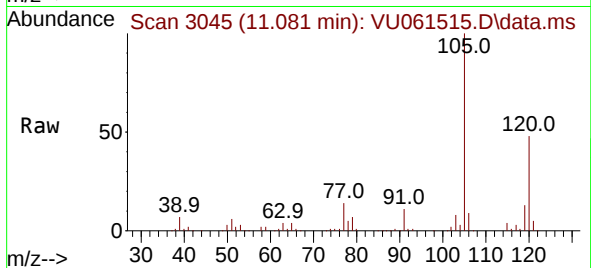
ClientSampleId :

Tgt Ion:105 Resp: 222125

Ion Ratio Lower Upper

105 100

120 48.3 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 4.613 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.000 min

Lab File: VU061515.D

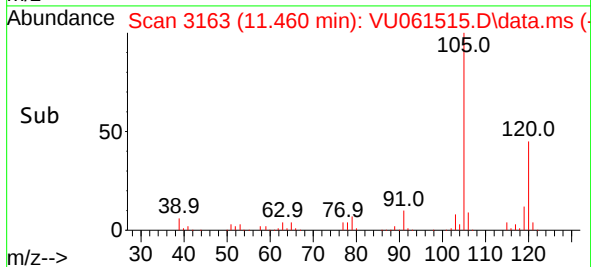
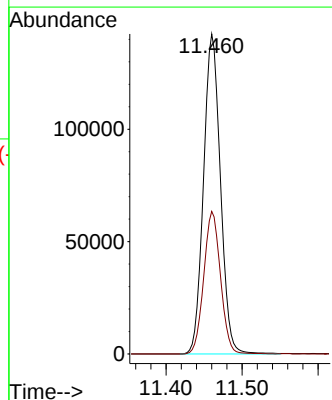
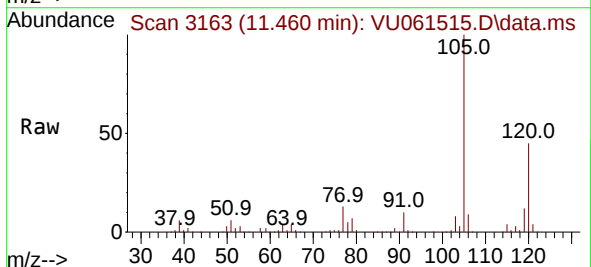
Acq: 07 Nov 2024 10:07

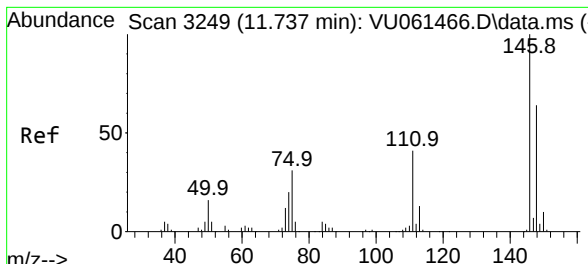
Tgt Ion:105 Resp: 219942

Ion Ratio Lower Upper

105 100

120 44.1 35.4 53.0

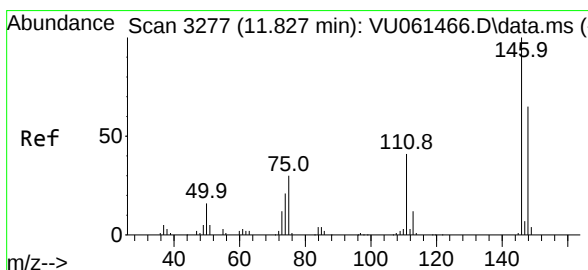
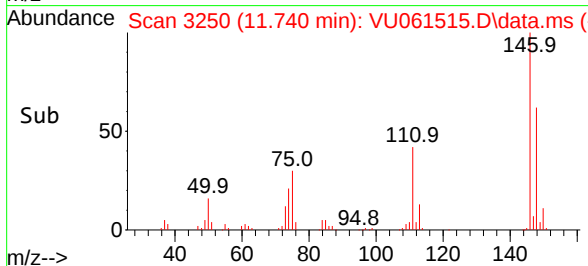
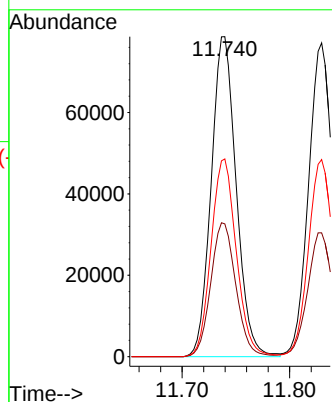
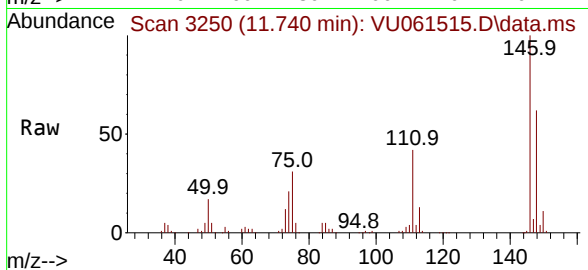




#64
1,3-Dichlorobenzene
Concen: 5.100 ug/L
RT: 11.740 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU061515.D
Acq: 07 Nov 2024 10:07

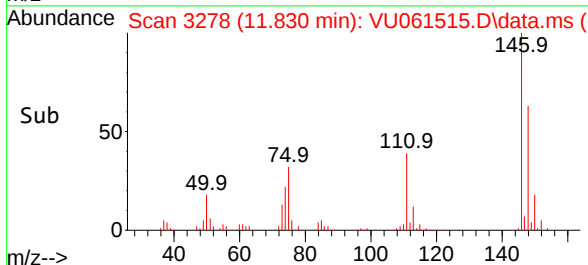
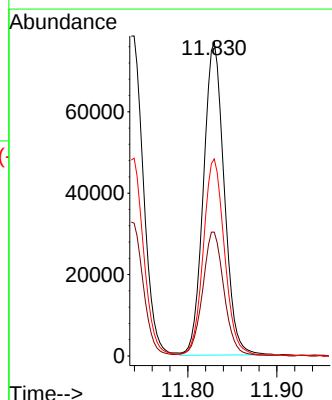
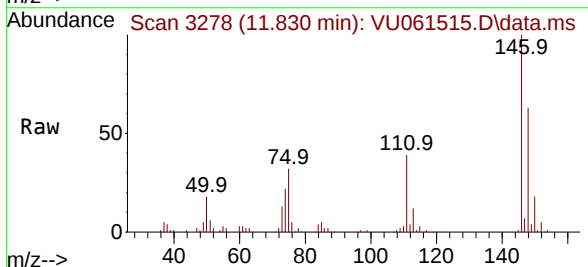
Instrument :
MSVOA_U
ClientSampleId :

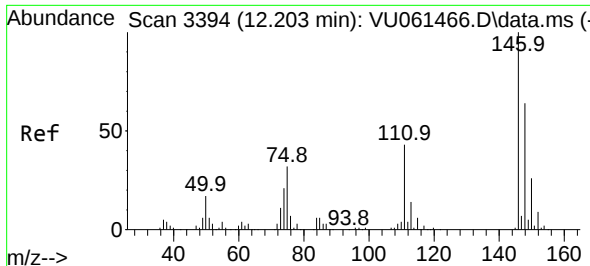
Tgt Ion:146 Resp: 127160
Ion Ratio Lower Upper
146 100
111 41.5 30.0 55.8
148 61.8 45.1 83.7



#65
1,4-Dichlorobenzene
Concen: 4.900 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VU061515.D
Acq: 07 Nov 2024 10:07

Tgt Ion:146 Resp: 124552
Ion Ratio Lower Upper
146 100
111 39.5 28.2 52.4
148 62.8 43.3 80.3





#67

1,2-Dichlorobenzene

Concen: 5.054 ug/L

RT: 12.206 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU061515.D

Acq: 07 Nov 2024 10:07

Instrument :

MSVOA_U

ClientSampleId :

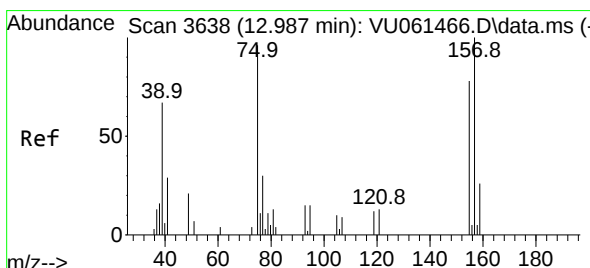
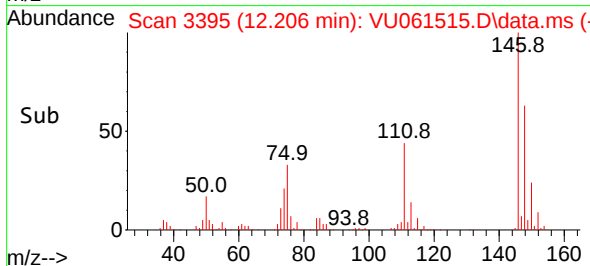
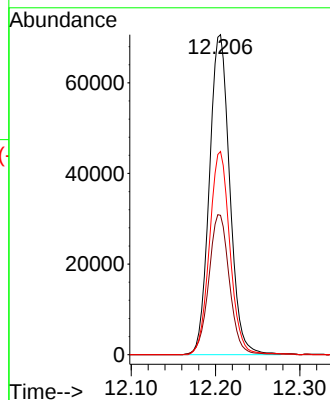
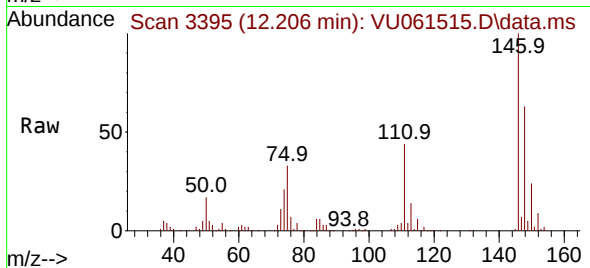
Tgt Ion:146 Resp: 118613

Ion Ratio Lower Upper

146 100

111 43.6 35.2 52.8

148 63.5 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 4.578 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.003 min

Lab File: VU061515.D

Acq: 07 Nov 2024 10:07

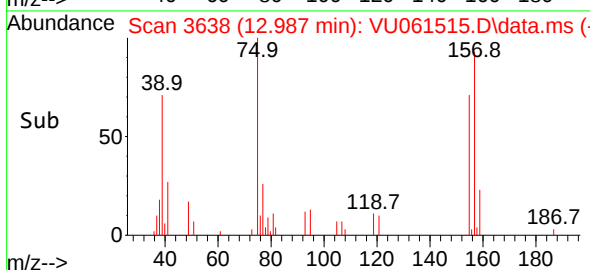
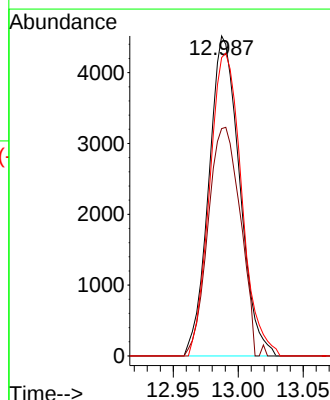
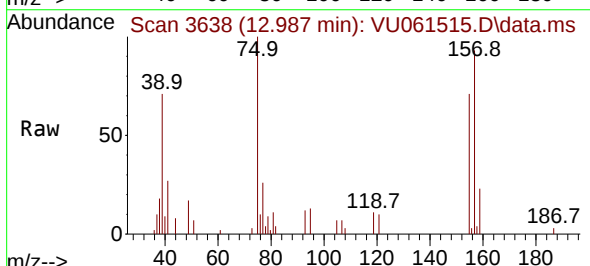
Tgt Ion: 75 Resp: 7427

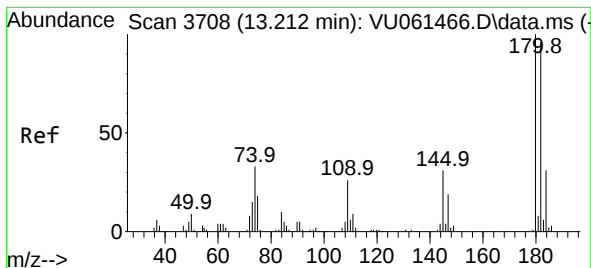
Ion Ratio Lower Upper

75 100

155 71.0 69.3 103.9

157 93.2 81.4 122.2





#69

1,3,5-Trichlorobenzene

Concen: 5.078 ug/L

RT: 13.212 min Scan# 31

Delta R.T. -0.000 min

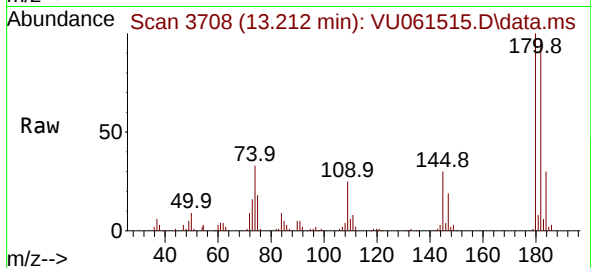
Lab File: VU061515.D

Acq: 07 Nov 2024 10:07

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 86792

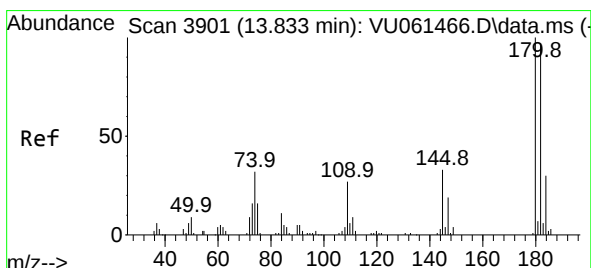
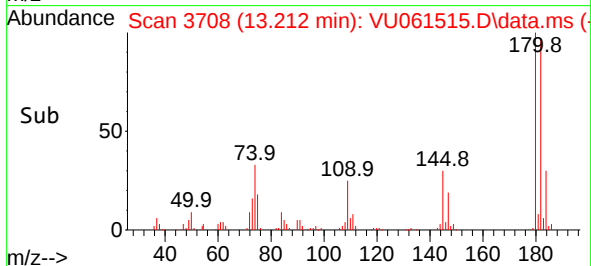
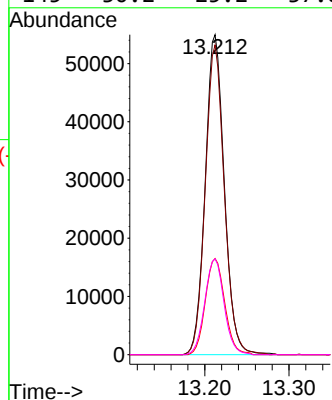
Ion Ratio Lower Upper

180 100

182 96.3 77.4 116.2

184 30.5 24.4 36.6

145 30.2 25.2 37.8



#70

1,2,4-trichlorobenzene

Concen: 5.047 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU061515.D

Acq: 07 Nov 2024 10:07

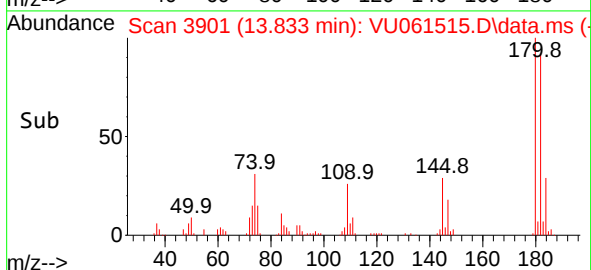
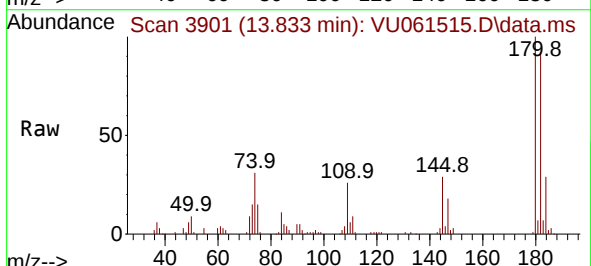
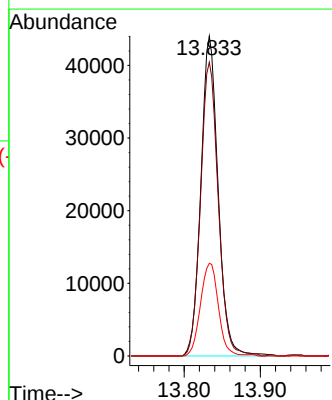
Tgt Ion:180 Resp: 69617

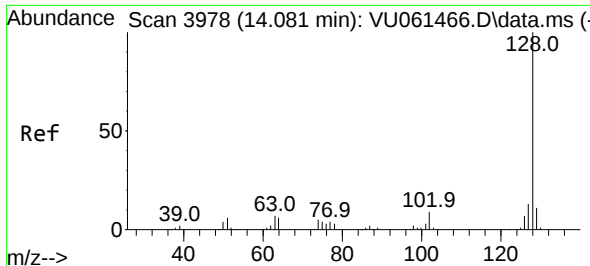
Ion Ratio Lower Upper

180 100

182 93.9 77.2 115.8

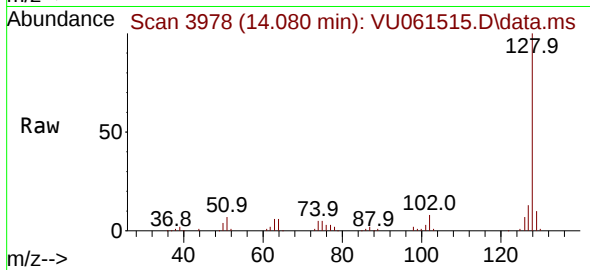
145 29.9 25.6 38.4



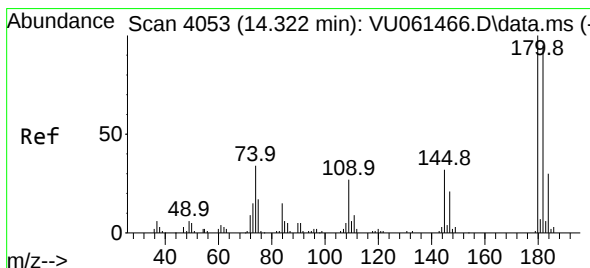
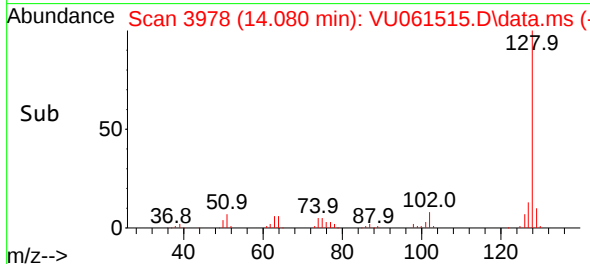
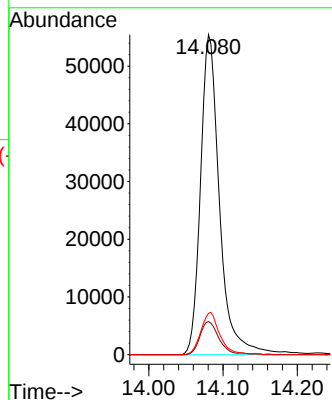


#71
Naphthalene
Concen: 4.516 ug/L
RT: 14.080 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU061515.D
Acq: 07 Nov 2024 10:07

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 98301
Ion Ratio Lower Upper
128 100
129 10.1 9.0 13.4
127 13.2 10.0 15.0



#72
1,2,3-Trichlorobenzene
Concen: 5.027 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU061515.D
Acq: 07 Nov 2024 10:07

Tgt Ion:180 Resp: 58008
Ion Ratio Lower Upper
180 100
182 95.2 76.0 114.0
145 32.0 26.5 39.7

