

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112624\
 Data File : VU062046.D
 Acq On : 26 Nov 2024 15:48
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 27 04:20:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 25 01:25:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	123382	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	115207	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	57679	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	27934	4.616	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.400%
7) Chloroethane-d5	1.908	69	20312	3.794	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.800%
11) 1,1-Dichloroethene-d2	2.560	65	13392	5.539	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	110.800%
20) 2-Butanone-d5	4.624	46	65012	34.208	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	68.420%
24) Chloroform-d	5.052	84	65474	4.434	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
26) 1,2-Dichloroethane-d4	5.695	65	32505	4.278	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.600%
32) Benzene-d6	5.718	84	118057	5.260	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.200%
36) 1,2-Dichloropropane-d6	6.682	67	36483	4.783	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.600%
41) Toluene-d8	7.891	98	111776	5.970	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	119.400%
43) trans-1,3-Dichloroprop...	8.174	79	14755	5.226	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.600%
46) 2-Hexanone-d5	8.627	63	45412	35.236	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	70.480%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	28608	3.754	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	75.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	39652	4.649	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	50291	4.659	ug/L	98
3) Chloromethane	1.515	50	44375	3.988	ug/L	99
5) Vinyl chloride	1.599	62	45008	3.937	ug/L	100
6) Bromomethane	1.853	94	27445	4.033	ug/L	100
8) Chloroethane	1.927	64	24076	3.266	ug/L	98
9) Trichlorofluoromethane	2.133	101	68955	4.769	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	39621	4.453	ug/L	94
12) 1,1-Dichloroethene	2.573	96	35949	4.345	ug/L	92
13) Acetone	2.634	43	55887	42.591	ug/L	94
14) Carbon disulfide	2.785	76	106960	4.064	ug/L	100
15) Methyl Acetate	2.952	43	13764	4.085	ug/L	92
16) Methylene chloride	3.036	84	42441	4.272	ug/L	95
17) Methyl tert-butyl Ether	3.354	73	97316	4.589	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	38651	4.419	ug/L	93
19) 1,1-Dichloroethane	3.859	63	75687	4.442	ug/L	99
21) 2-Butanone	4.702	43	85511	40.322	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	44827	4.554	ug/L	94
23) Bromochloromethane	4.965	128	19156	4.477	ug/L	92
25) Chloroform	5.078	83	81639	4.584	ug/L	98

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

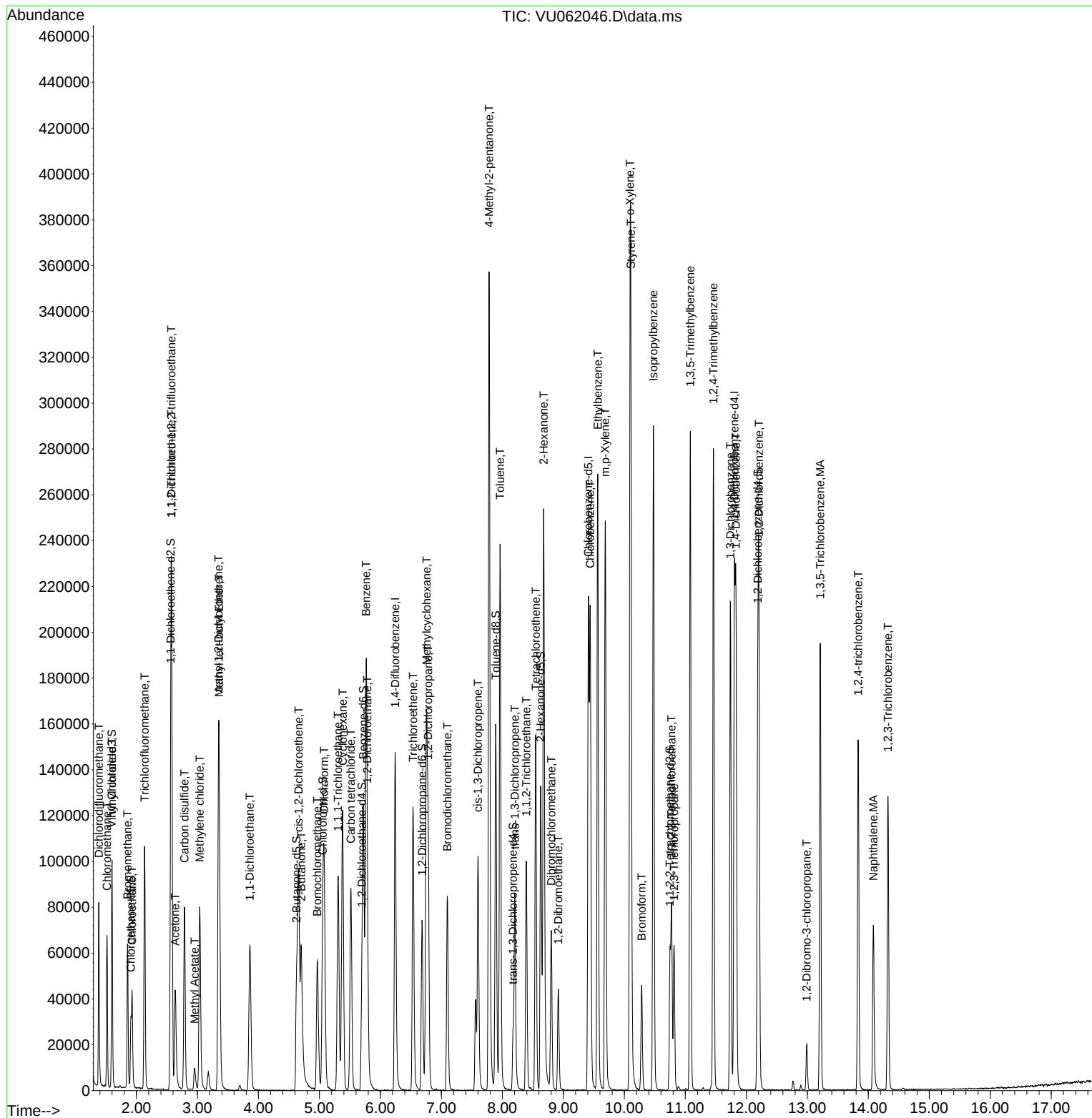
27) 1,2-Dichloroethane	5.785	62	50634	4.419	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	71102	5.354	ug/L	97
30) Cyclohexane	5.380	56	61136	4.402	ug/L	98
31) Carbon tetrachloride	5.515	117	63169	5.602	ug/L	98
33) Benzene	5.766	78	169111	4.861	ug/L	100
34) Trichloroethene	6.534	95	45888	4.942	ug/L	98
35) Methylcyclohexane	6.756	83	65745	4.628	ug/L	99
37) 1,2-Dichloropropane	6.782	63	44178	4.888	ug/L	98
38) Bromodichloromethane	7.097	83	57615	5.256	ug/L	97
39) cis-1,3-Dichloropropene	7.599	75	64805	5.113	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	217536	44.603	ug/L	94
42) Toluene	7.962	91	178813	4.897	ug/L	97
44) trans-1,3-Dichloropropene	8.203	75	54250	5.390	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	33166	4.981	ug/L	98
47) Tetrachloroethene	8.547	164	34552	5.116	ug/L	95
48) 2-Hexanone	8.676	43	155825	42.662	ug/L #	96
49) Dibromochloromethane	8.801	129	36431	5.179	ug/L	95
50) 1,2-Dibromoethane	8.917	107	30275	4.581	ug/L #	94
51) Chlorobenzene	9.441	112	113051	4.521	ug/L	99
52) Ethylbenzene	9.563	91	195124	4.466	ug/L	99
53) m,p-Xylene	9.685	106	73486	4.766	ug/L	98
54) o-Xylene	10.094	106	71478	4.593	ug/L	99
55) Styrene	10.107	104	119725	4.670	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.772	83	38887	4.557	ug/L	99
59) Bromoform	10.283	173	21028	4.904	ug/L	99
60) Isopropylbenzene	10.476	105	190636	4.239	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	27142	4.070	ug/L	97
62) 1,3,5-Trimethylbenzene	11.081	105	157786	4.398	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	157541	4.404	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	86647	4.340	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	84451	4.370	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	80746	4.650	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.987	75	5461	4.799	ug/L	88
69) 1,3,5-Trichlorobenzene	13.213	180	60769	5.115	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	47618	5.230	ug/L	98
71) Naphthalene	14.084	128	65874	4.489	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	40540	5.170	ug/L	100

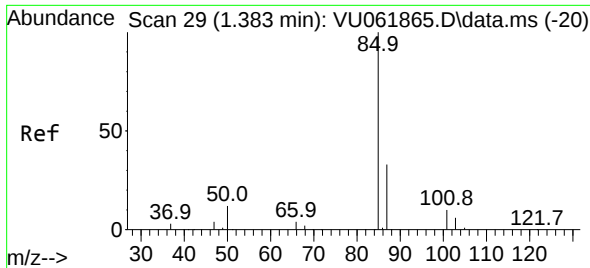
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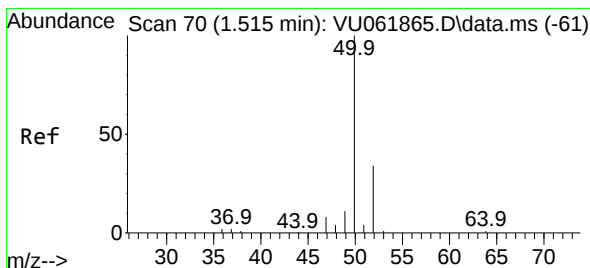
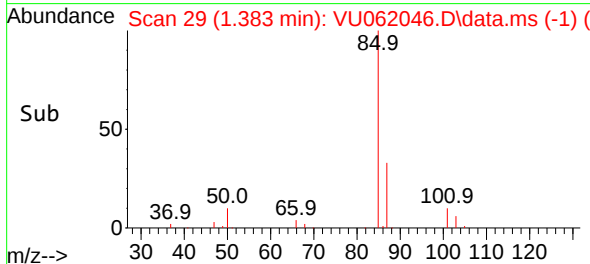
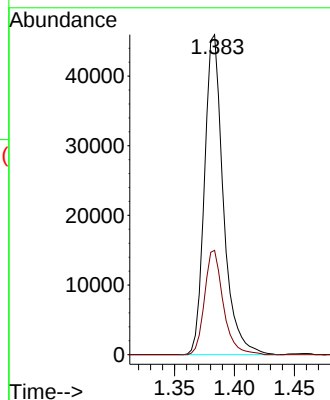
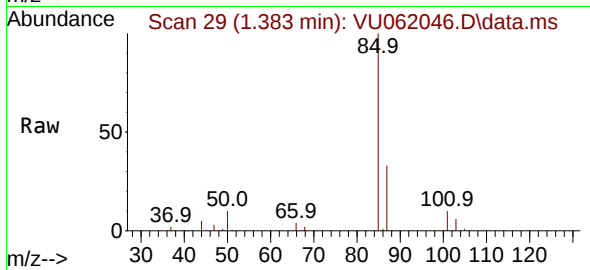




#2
 Dichlorodifluoromethane
 Concen: 4.659 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU062046.D
 Acq: 26 Nov 2024 15:48

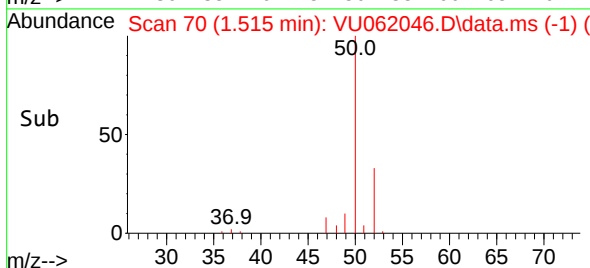
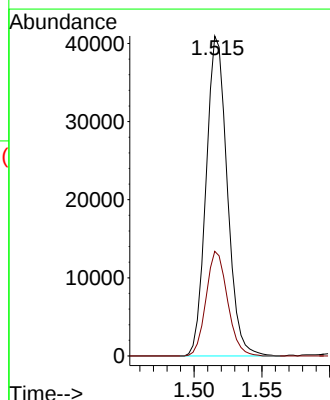
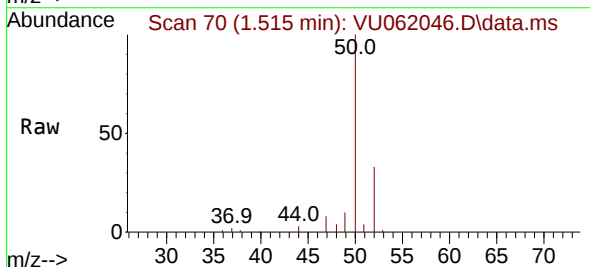
Instrument :
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 ClientSampleId :

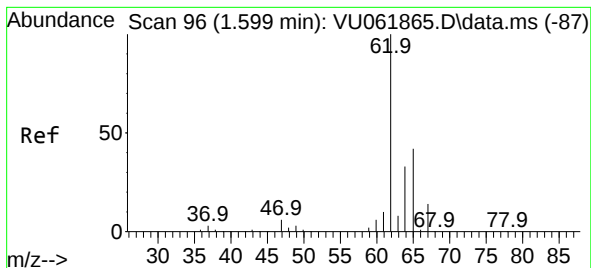
Tgt Ion: 85 Resp: 50291
 Ion Ratio Lower Upper
 85 100
 87 32.4 26.6 40.0



#3
 Chloromethane
 Concen: 3.988 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VU062046.D
 Acq: 26 Nov 2024 15:48

Tgt Ion: 50 Resp: 44375
 Ion Ratio Lower Upper
 50 100
 52 32.7 23.1 42.9





#5

Vinyl chloride

Concen: 3.937 ug/L

RT: 1.599 min Scan# 9

Delta R.T. -0.003 min

Lab File: VU062046.D

Acq: 26 Nov 2024 15:48

Instrument :

MSVOA_U

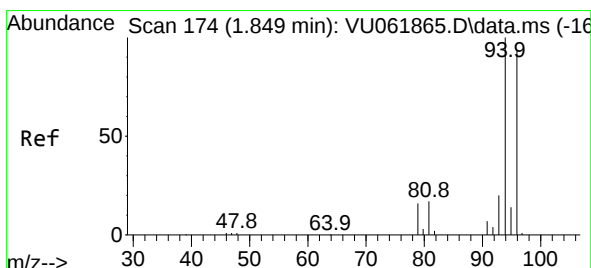
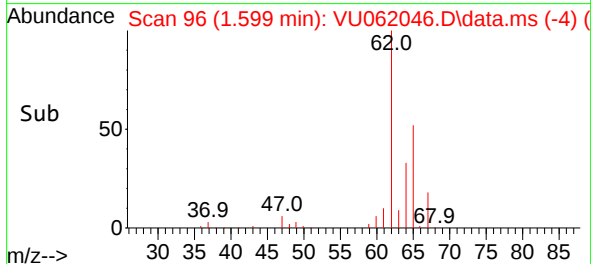
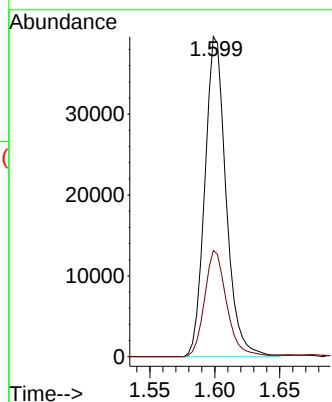
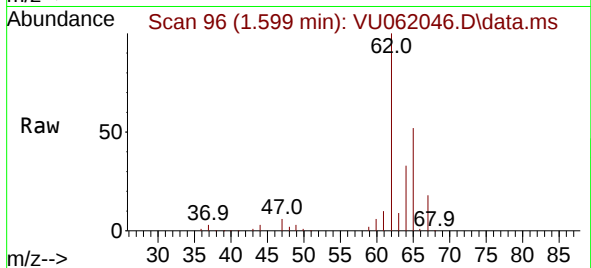
ClientSampleId :

Tgt Ion: 62 Resp: 45008

Ion Ratio Lower Upper

62 100

64 33.2 23.1 42.9



#6

Bromomethane

Concen: 4.033 ug/L

RT: 1.853 min Scan# 175

Delta R.T. -0.000 min

Lab File: VU062046.D

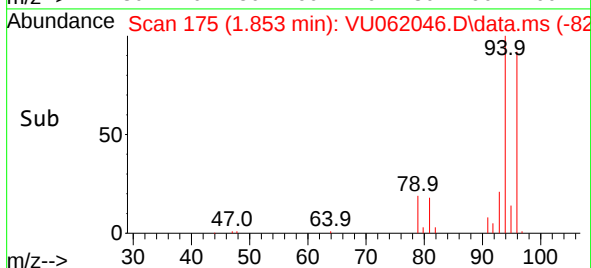
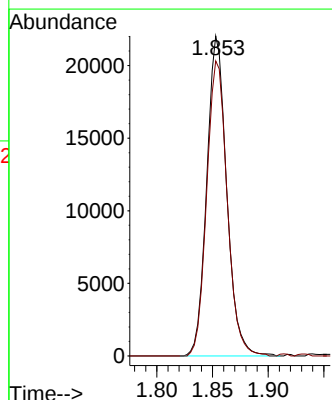
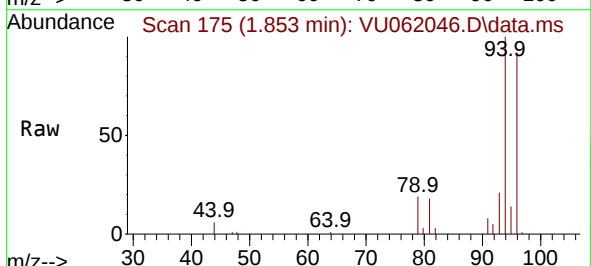
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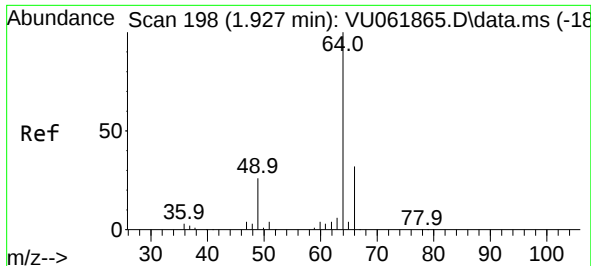
Tgt Ion: 94 Resp: 27445

Ion Ratio Lower Upper

94 100

96 92.2 64.5 119.9

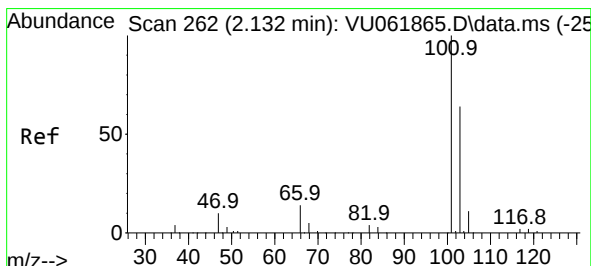
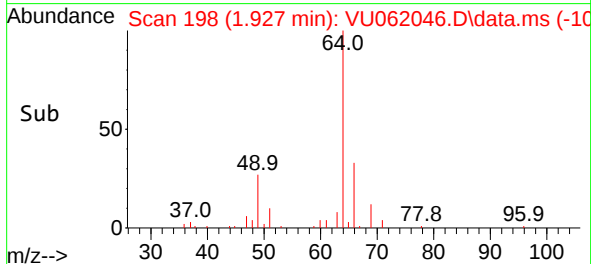
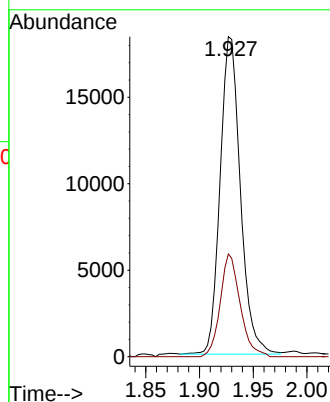
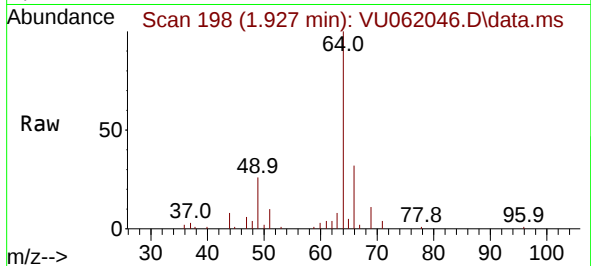




#8
Chloroethane
Concen: 3.266 ug/L
RT: 1.927 min Scan# 198
Delta R.T. -0.000 min
Lab File: VU062046.D
Acq: 26 Nov 2024 15:48

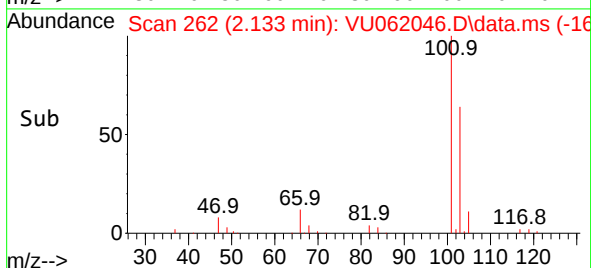
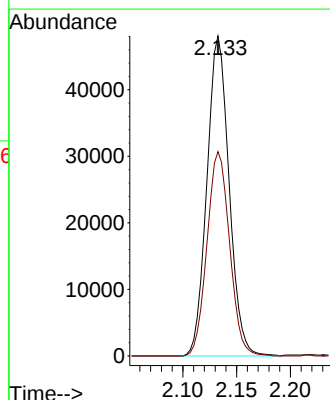
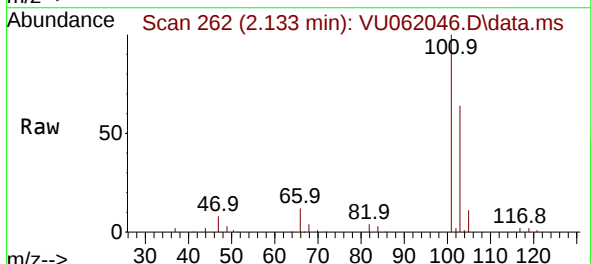
Instrument :
MSVOA_U
ClientSampleId :

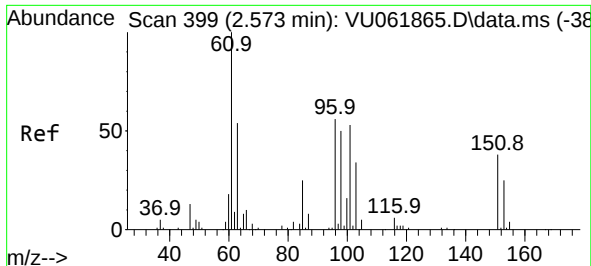
Tgt Ion: 64 Resp: 24076
Ion Ratio Lower Upper
64 100
66 32.1 23.2 43.2



#9
Trichlorofluoromethane
Concen: 4.769 ug/L
RT: 2.133 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU062046.D
Acq: 26 Nov 2024 15:48

Tgt Ion:101 Resp: 68955
Ion Ratio Lower Upper
101 100
103 64.9 50.6 75.8

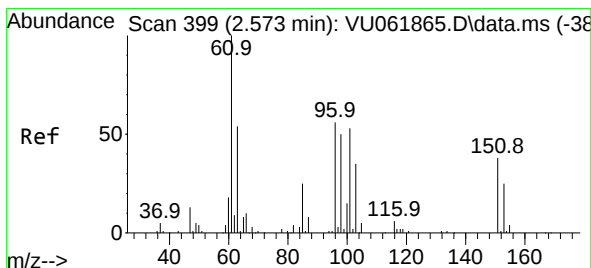
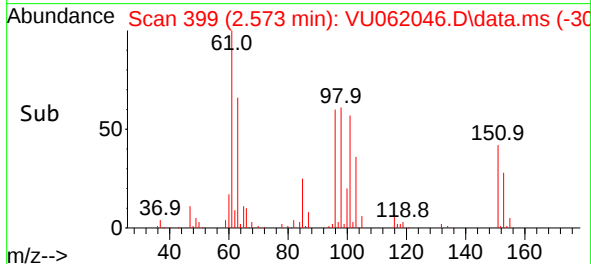
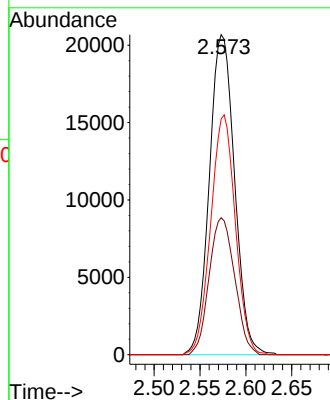
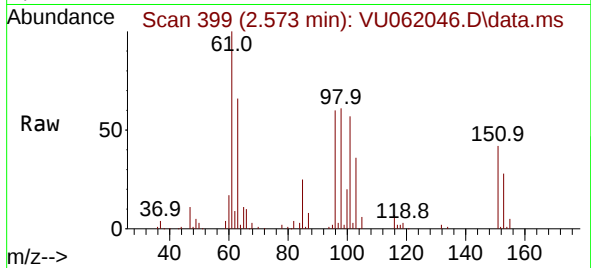




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.453 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.003 min
 Lab File: VU062046.D
 Acq: 26 Nov 2024 15:48

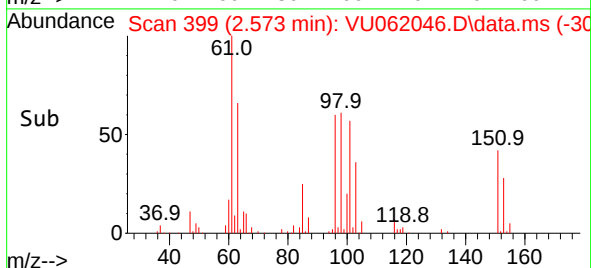
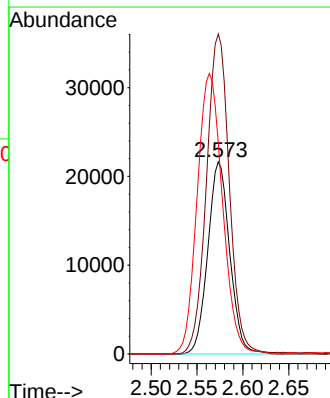
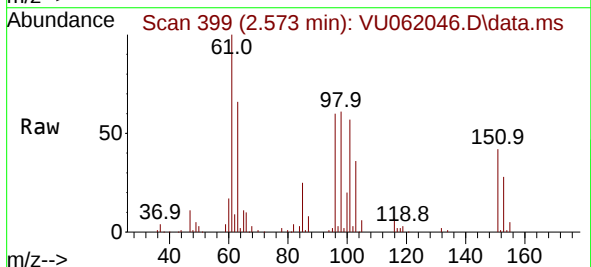
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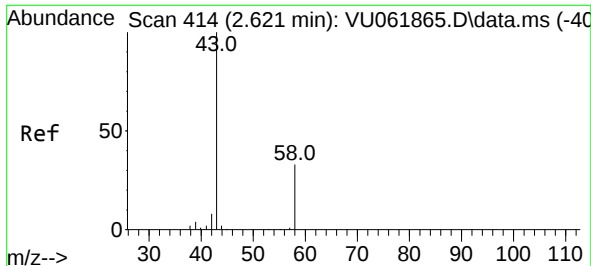
Tgt Ion:101 Resp: 39621
 Ion Ratio Lower Upper
 101 100
 85 43.2 38.0 57.0
 151 73.2 55.3 82.9



#12
 1,1-Dichloroethene
 Concen: 4.345 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU062046.D
 Acq: 26 Nov 2024 15:48

Tgt Ion: 96 Resp: 35949
 Ion Ratio Lower Upper
 96 100
 61 166.5 119.6 222.2
 63 109.8 65.0 120.6





#13

Acetone

Concen: 42.591 ug/L

RT: 2.634 min Scan# 418

Delta R.T. 0.006 min

Lab File: VU062046.D

Acq: 26 Nov 2024 15:48

Instrument :

MSVOA_U

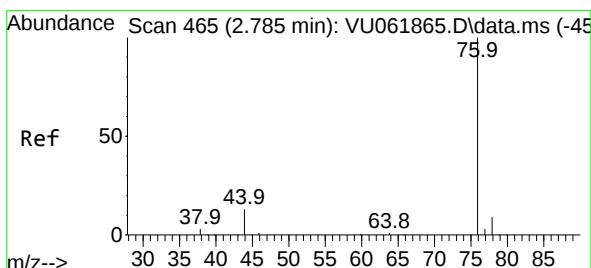
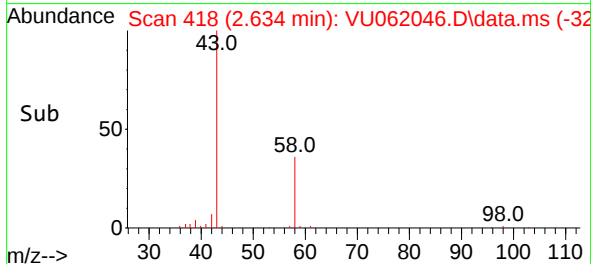
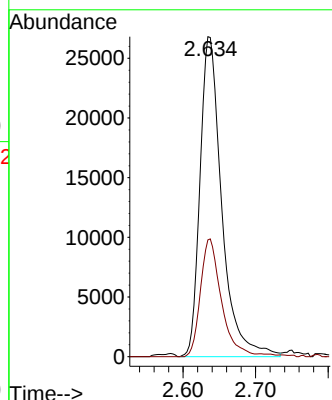
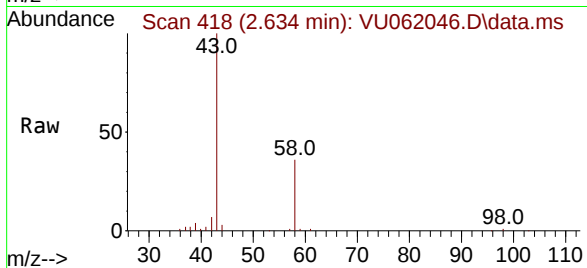
ClientSampleId :

Tgt Ion: 43 Resp: 55887

Ion Ratio Lower Upper

43 100

58 35.2 0.0 64.0



#14

Carbon disulfide

Concen: 4.064 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.003 min

Lab File: VU062046.D

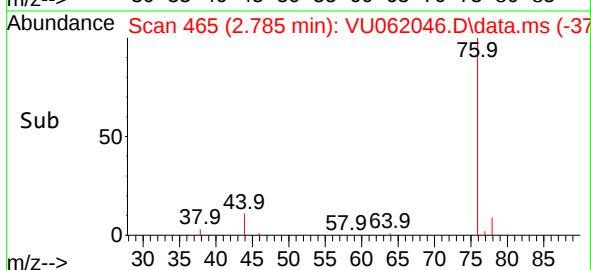
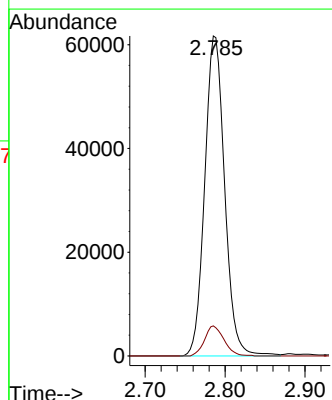
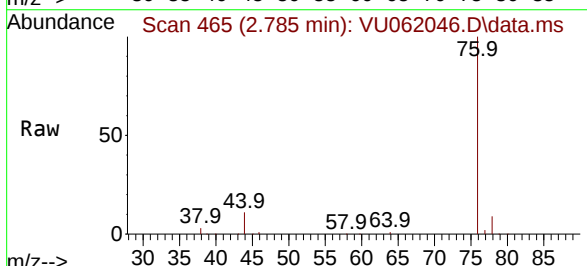
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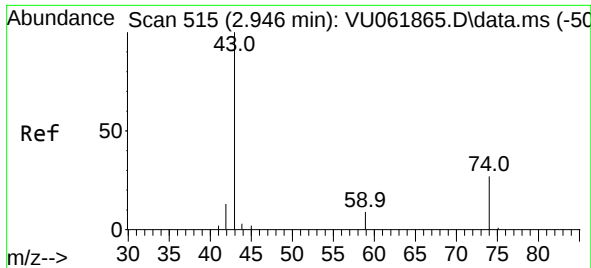
Tgt Ion: 76 Resp: 106960

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3

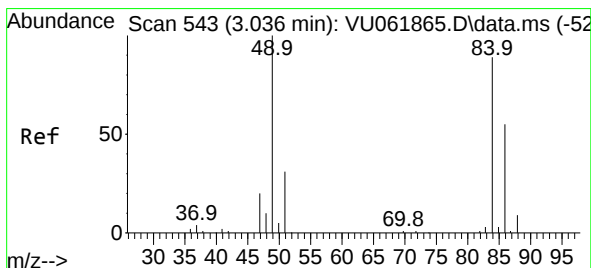
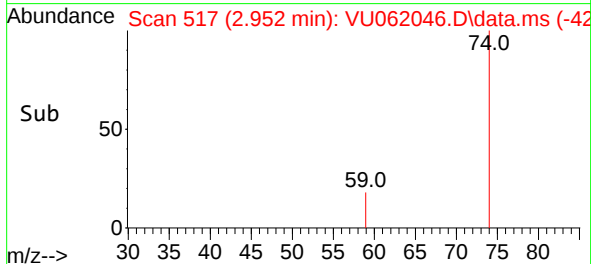
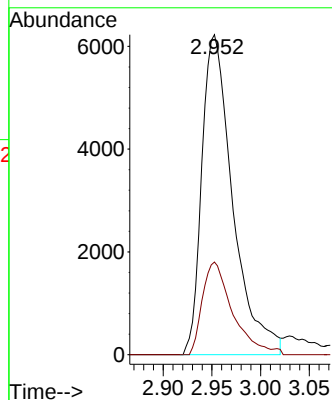
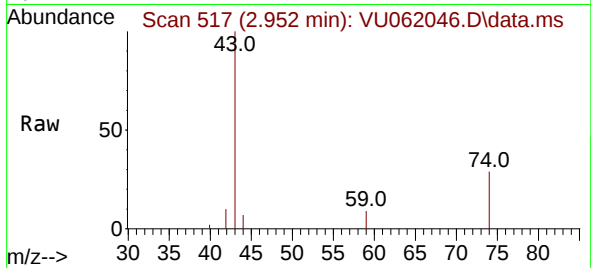




#15
Methyl Acetate
Concen: 4.085 ug/L
RT: 2.952 min Scan# 515
Delta R.T. 0.003 min
Lab File: VU062046.D
Acq: 26 Nov 2024 15:48

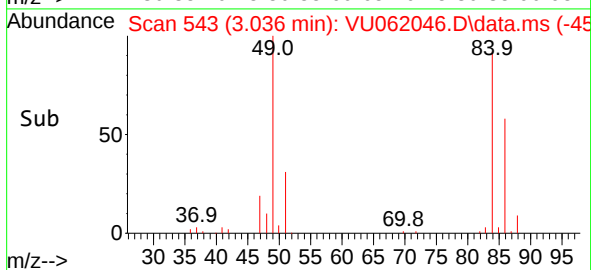
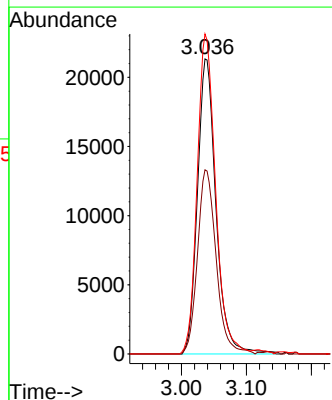
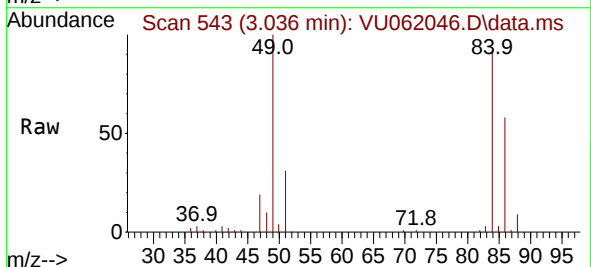
Instrument :
MSVOA_U
ClientSampleId :

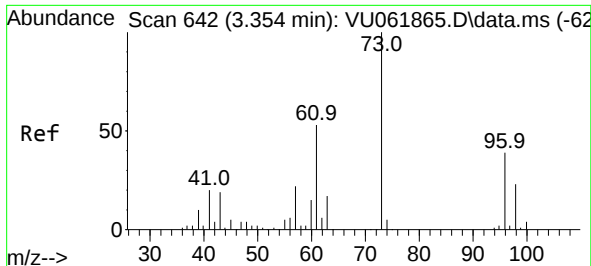
Tgt Ion: 43 Resp: 13764
Ion Ratio Lower Upper
43 100
74 28.3 19.4 29.2



#16
Methylene chloride
Concen: 4.272 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.000 min
Lab File: VU062046.D
Acq: 26 Nov 2024 15:48

Tgt Ion: 84 Resp: 42441
Ion Ratio Lower Upper
84 100
86 62.4 43.5 80.7
49 108.4 81.9 152.1

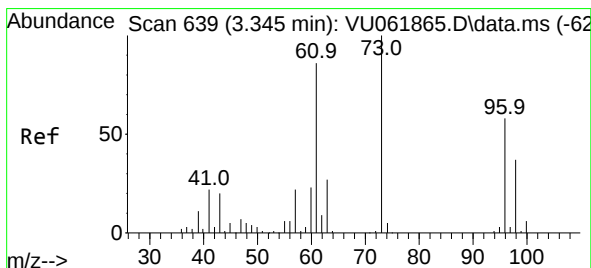
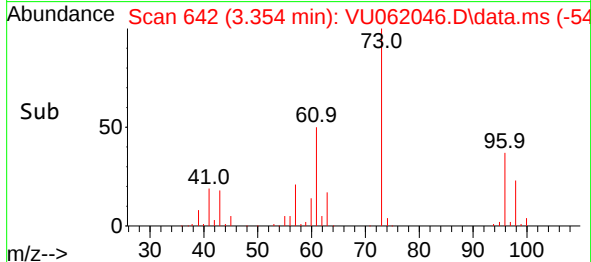
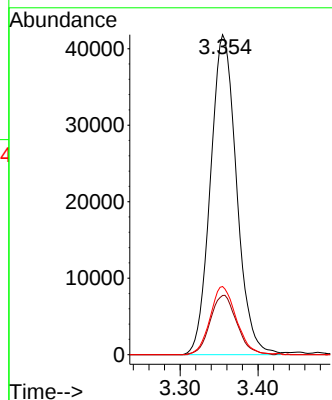
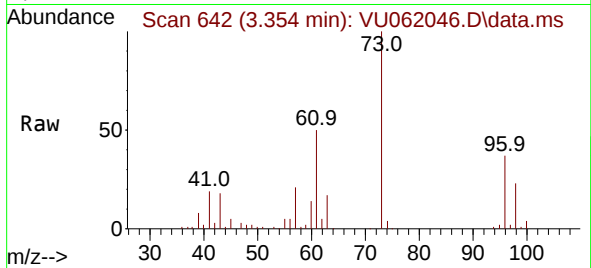




#17
Methyl tert-butyl Ether
Concen: 4.589 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU062046.D
Acq: 26 Nov 2024 15:48

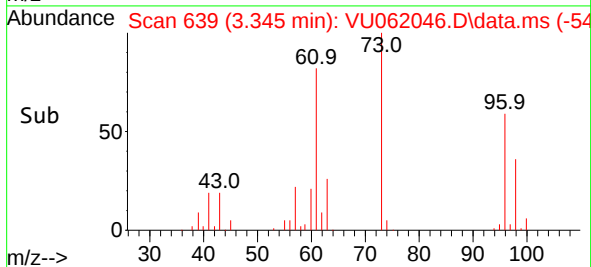
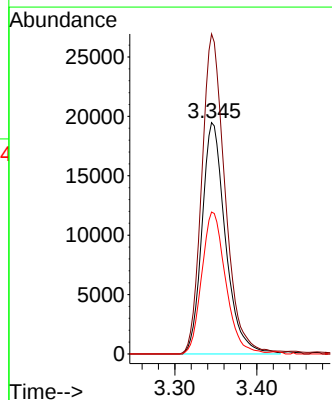
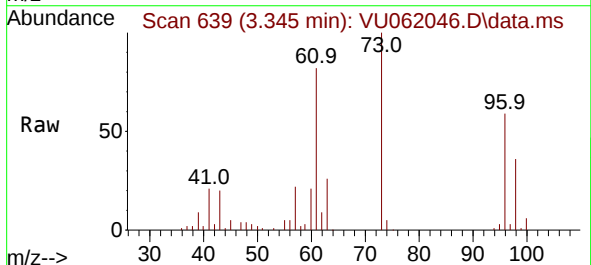
Instrument :
MSVOA_U
ClientSampleId :

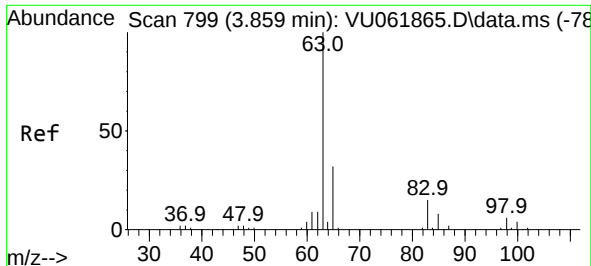
Tgt Ion: 73	Resp: 97316
Ion Ratio	Lower Upper
73 100	
43 19.0	16.3 24.5
57 21.4	17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 4.419 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU062046.D
Acq: 26 Nov 2024 15:48

Tgt Ion: 96	Resp: 38651		
Ion Ratio	Lower	Upper	
96 100			
61 138.3	104.2	193.4	
98 61.3	45.7	84.9	

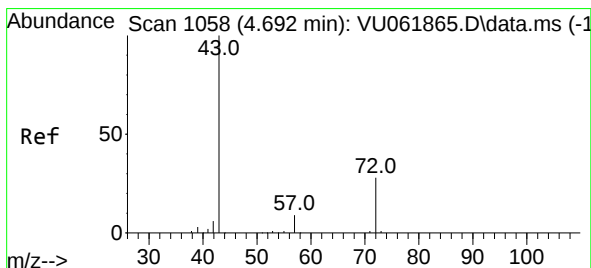
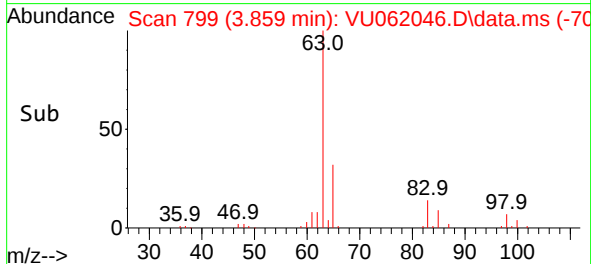
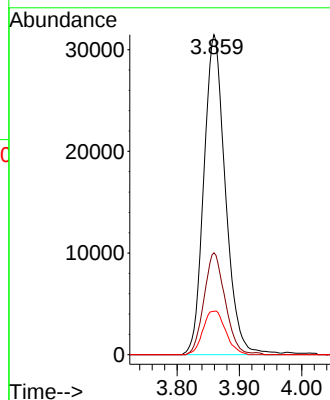
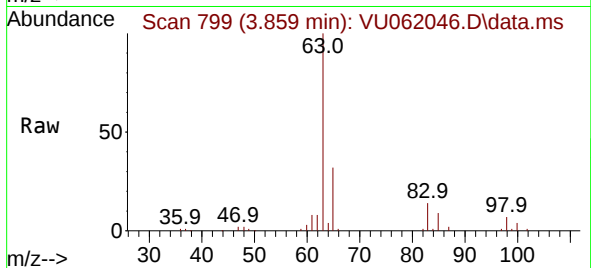




#19
1,1-Dichloroethane
Concen: 4.442 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU062046.D
Acq: 26 Nov 2024 15:48

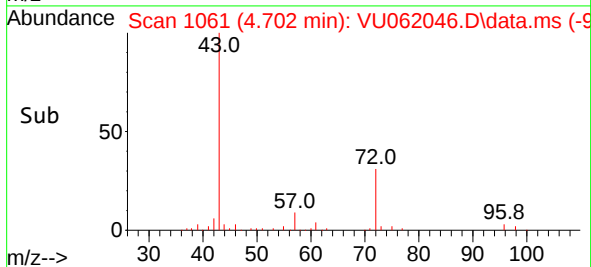
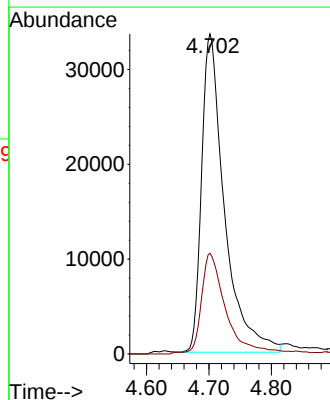
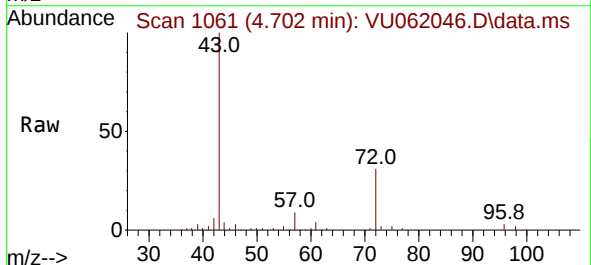
Instrument :
MSVOA_U
ClientSampleId :

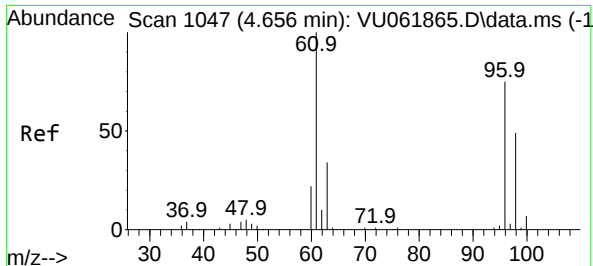
Tgt Ion: 63 Resp: 75687
Ion Ratio Lower Upper
63 100
65 31.9 22.7 42.3
83 13.5 9.9 18.3



#21
2-Butanone
Concen: 40.322 ug/L
RT: 4.702 min Scan# 1061
Delta R.T. 0.003 min
Lab File: VU062046.D
Acq: 26 Nov 2024 15:48

Tgt Ion: 43 Resp: 85511
Ion Ratio Lower Upper
43 100
72 31.4 14.8 44.4





#22

cis-1,2-Dichloroethene

Concen: 4.554 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. 0.003 min

Lab File: VU062046.D

Acq: 26 Nov 2024 15:48

Instrument :

MSVOA_U

ClientSampleId :

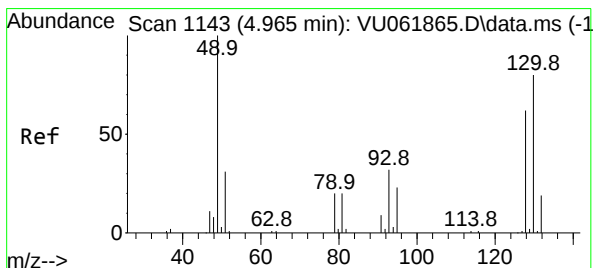
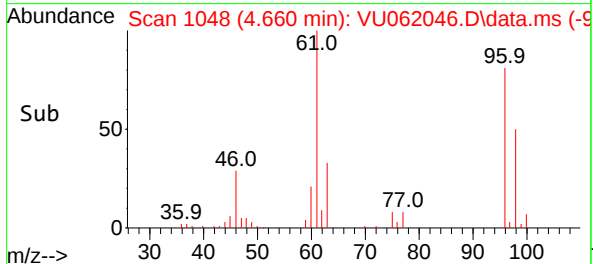
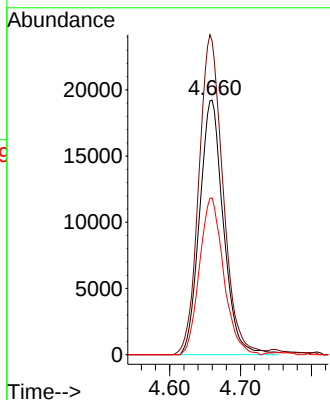
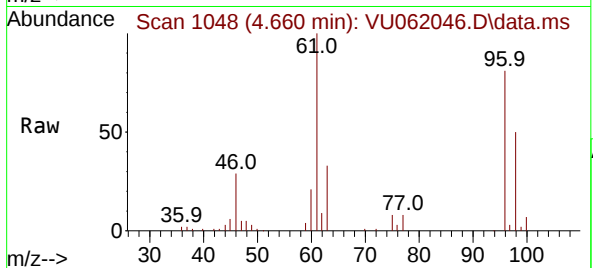
Tgt Ion: 96 Resp: 44827

Ion Ratio Lower Upper

96 100

61 123.2 92.0 170.8

98 61.6 44.5 82.7



#23

Bromochloromethane

Concen: 4.477 ug/L

RT: 4.965 min Scan# 1143

Delta R.T. -0.000 min

Lab File: VU062046.D

Acq: 26 Nov 2024 15:48

Tgt Ion:128 Resp: 19156

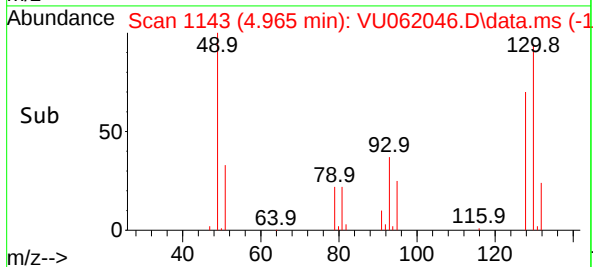
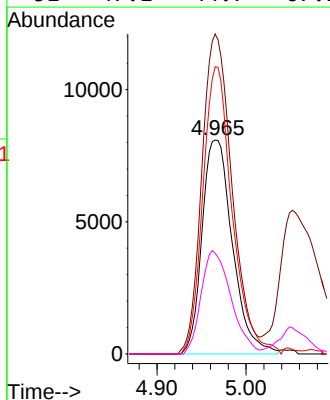
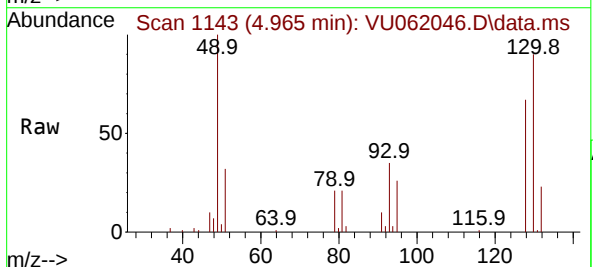
Ion Ratio Lower Upper

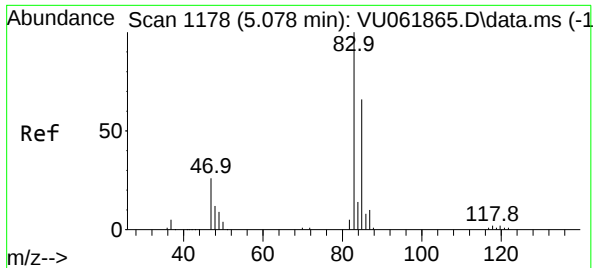
128 100

49 149.6 115.3 214.1

130 134.2 92.0 170.8

51 47.1 44.7 67.1





#25

Chloroform

Concen: 4.584 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VU062046.D

Acq: 26 Nov 2024 15:48

Instrument :

MSVOA_U

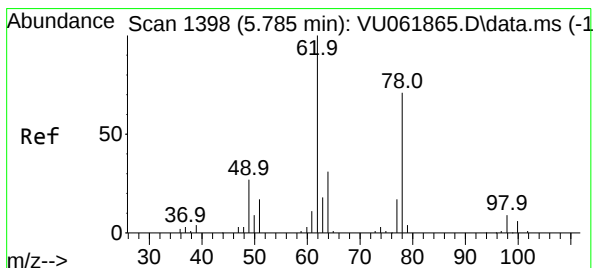
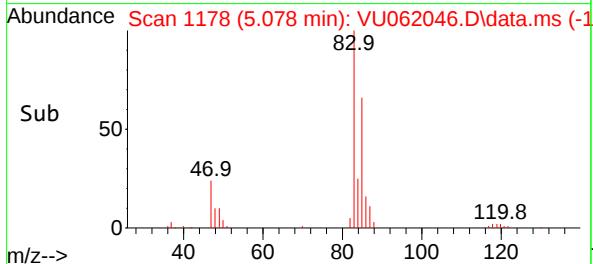
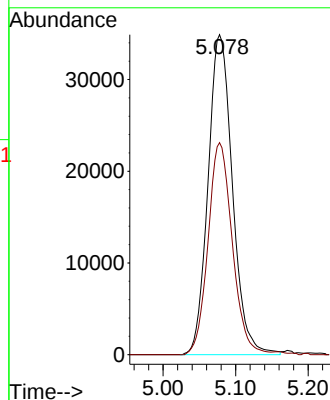
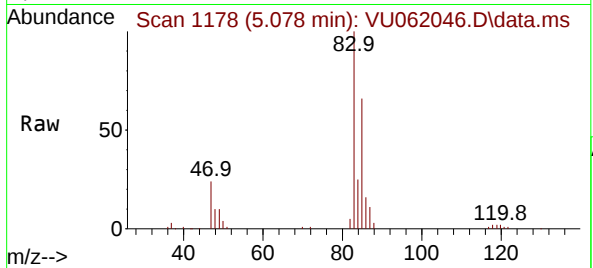
ClientSampleId :

Tgt Ion: 83 Resp: 81639

Ion Ratio Lower Upper

83 100

85 66.2 45.4 84.2



#27

1,2-Dichloroethane

Concen: 4.419 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VU062046.D

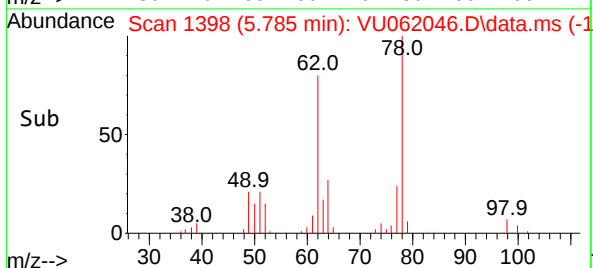
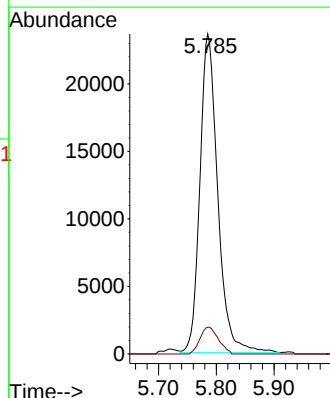
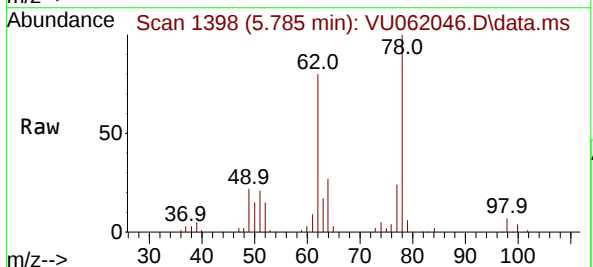
Acq: 26 Nov 2024 15:48

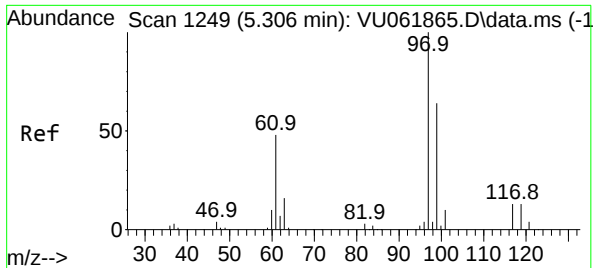
Tgt Ion: 62 Resp: 50634

Ion Ratio Lower Upper

62 100

98 8.4 7.4 11.0

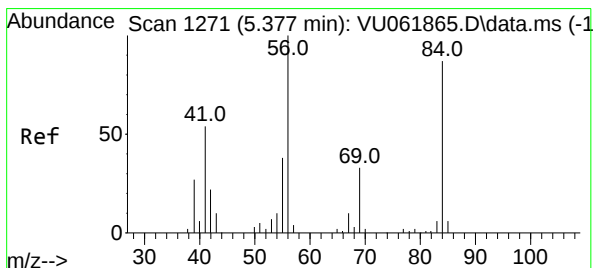
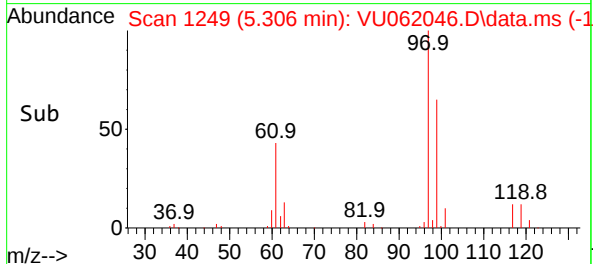
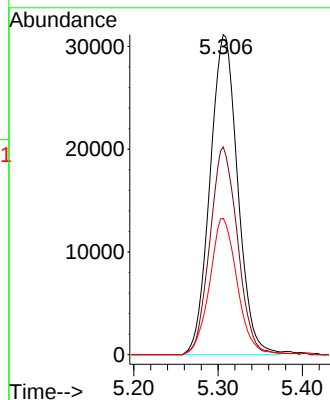
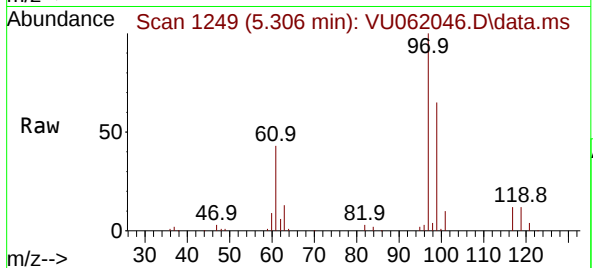




#29
1,1,1-Trichloroethane
Concen: 5.354 ug/L
RT: 5.306 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU062046.D
Acq: 26 Nov 2024 15:48

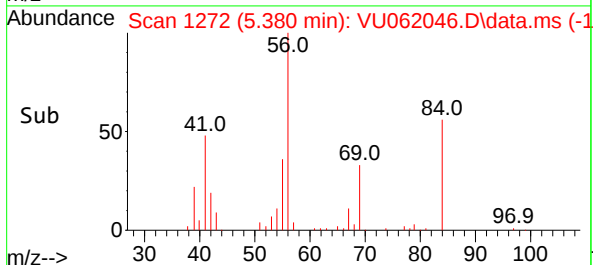
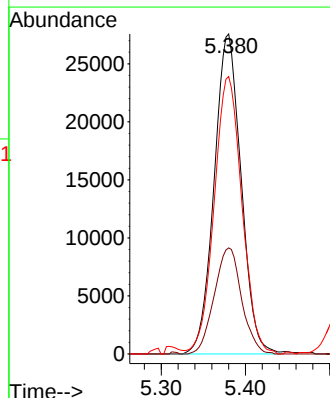
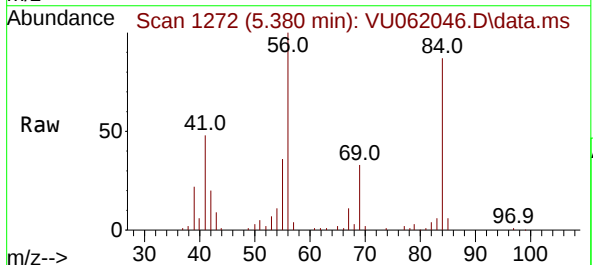
Instrument :
MSVOA_U
ClientSampleId :

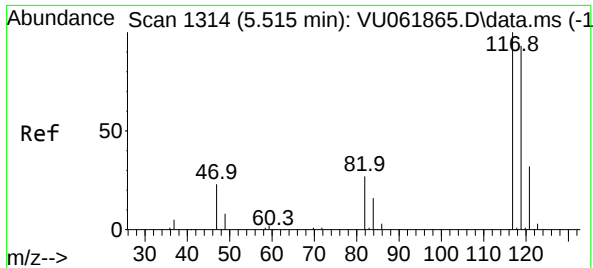
Tgt Ion:	97	Resp:	71102
Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.4	77.2
61	42.5	37.8	56.6



#30
Cyclohexane
Concen: 4.402 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.003 min
Lab File: VU062046.D
Acq: 26 Nov 2024 15:48

Tgt Ion:	56	Resp:	61136
Ion	Ratio	Lower	Upper
56	100		
69	33.7	25.1	37.7
84	89.4	70.6	105.8

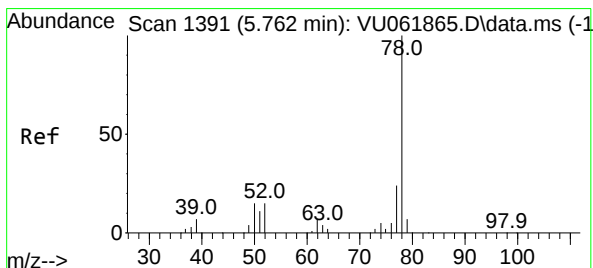
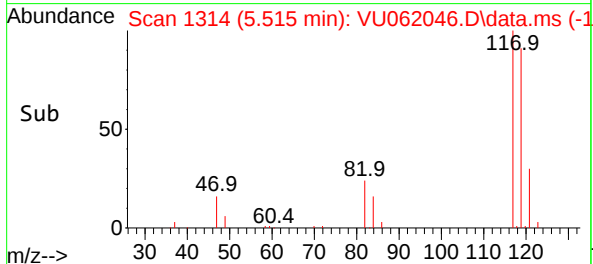
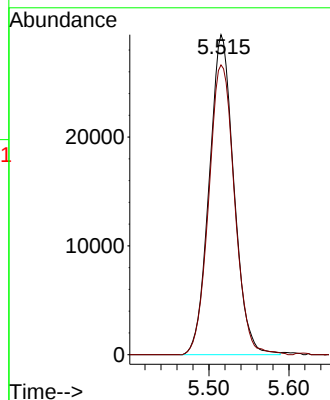
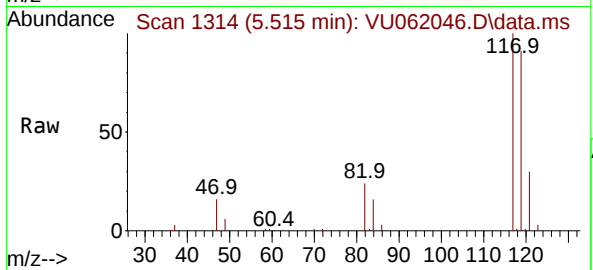




#31
Carbon tetrachloride
Concen: 5.602 ug/L
RT: 5.515 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU062046.D
Acq: 26 Nov 2024 15:48

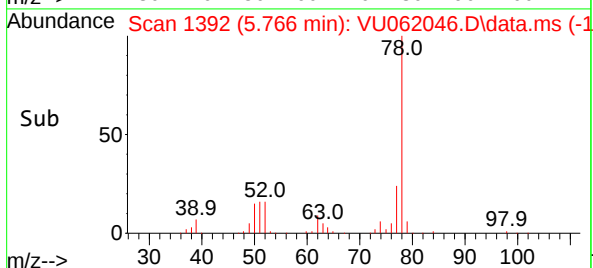
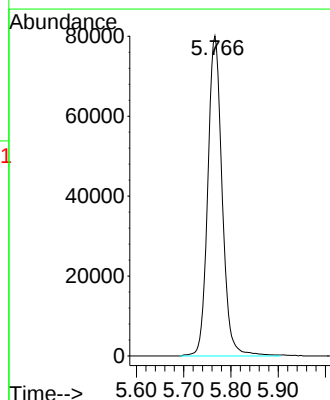
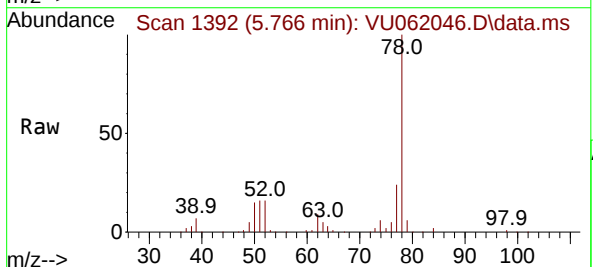
Instrument :
MSVOA_U
ClientSampleId :

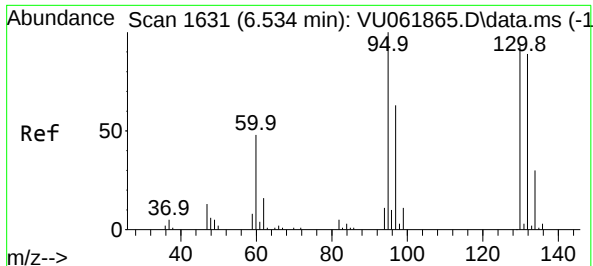
Tgt Ion:117 Resp: 63169
Ion Ratio Lower Upper
117 100
119 94.7 77.5 116.3



#33
Benzene
Concen: 4.861 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU062046.D
Acq: 26 Nov 2024 15:48

Tgt Ion: 78 Resp: 169111





#34

Trichloroethene

Concen: 4.942 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU062046.D

Acq: 26 Nov 2024 15:48

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 45888

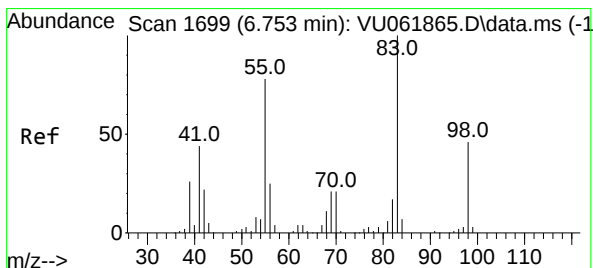
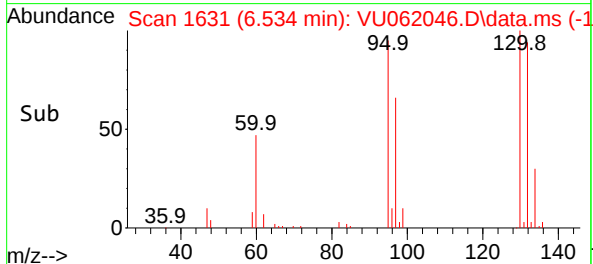
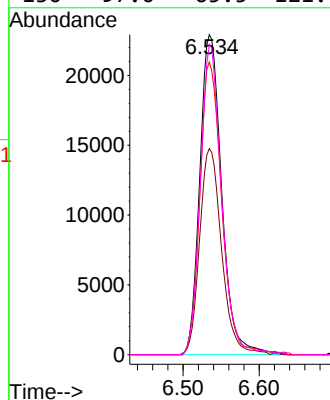
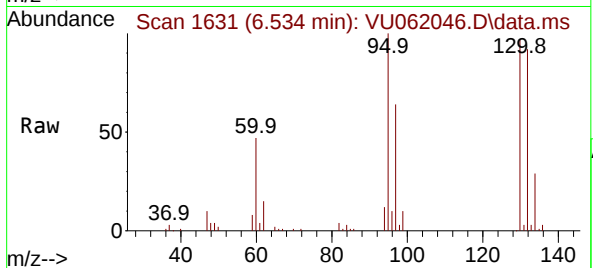
Ion Ratio Lower Upper

95 100

97 64.4 45.9 85.3

132 91.5 63.8 118.4

130 97.0 65.5 121.7



#35

Methylcyclohexane

Concen: 4.628 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. 0.003 min

Lab File: VU062046.D

Acq: 26 Nov 2024 15:48

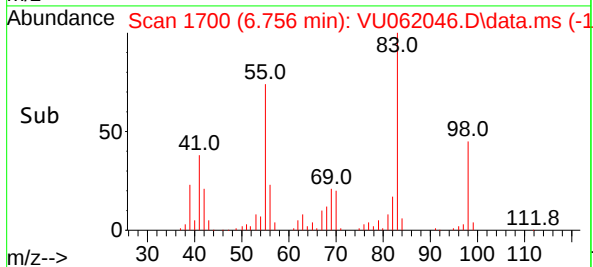
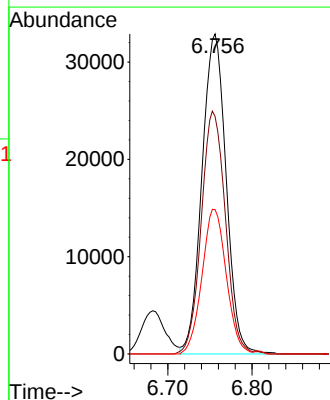
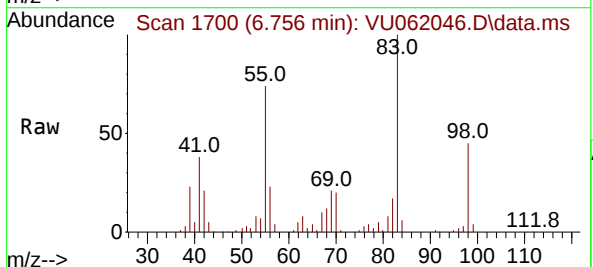
Tgt Ion: 83 Resp: 65745

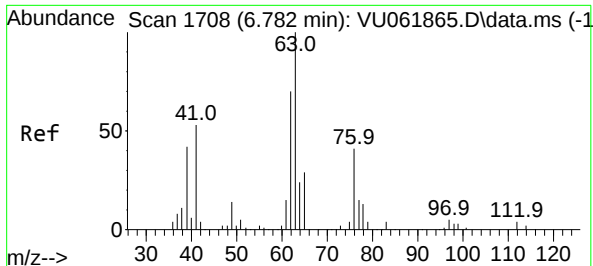
Ion Ratio Lower Upper

83 100

55 75.8 60.7 91.1

98 45.3 34.8 52.2

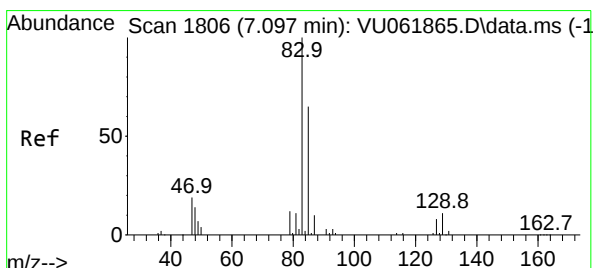
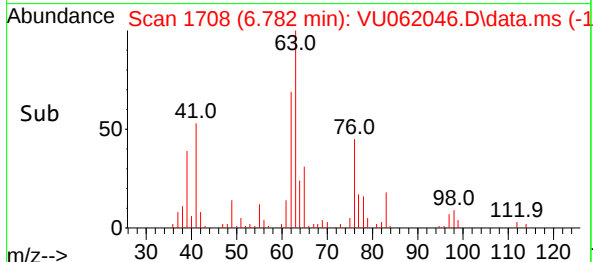
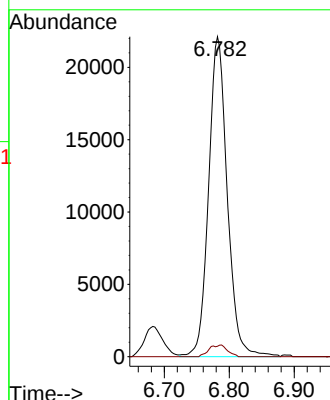
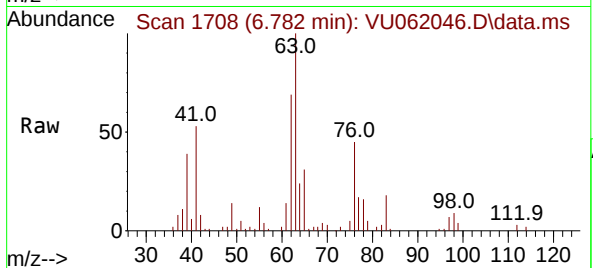




#37
1,2-Dichloropropane
Concen: 4.888 ug/L
RT: 6.782 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU062046.D
Acq: 26 Nov 2024 15:48

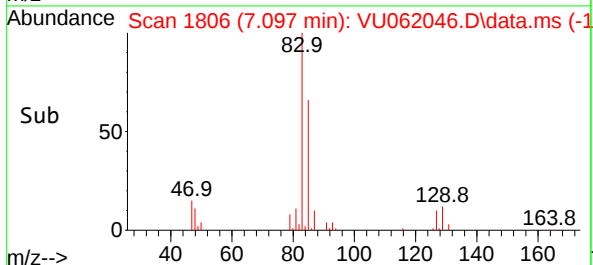
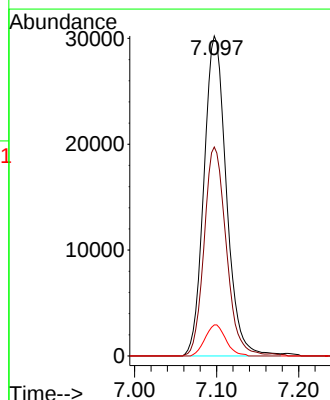
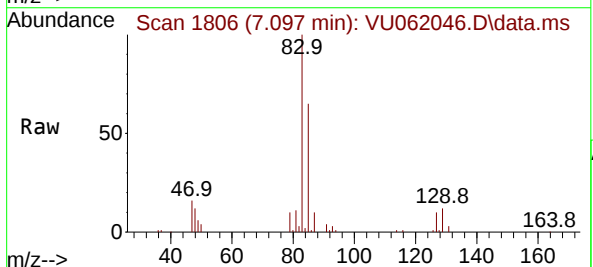
Instrument :
MSVOA_U
ClientSampleId :

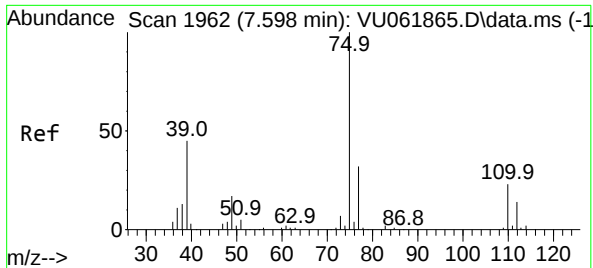
Tgt Ion: 63 Resp: 44178
Ion Ratio Lower Upper
63 100
112 3.6 3.4 5.0



#38
Bromodichloromethane
Concen: 5.256 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU062046.D
Acq: 26 Nov 2024 15:48

Tgt Ion: 83 Resp: 57615
Ion Ratio Lower Upper
83 100
85 65.3 44.1 81.9
127 9.7 6.9 10.3

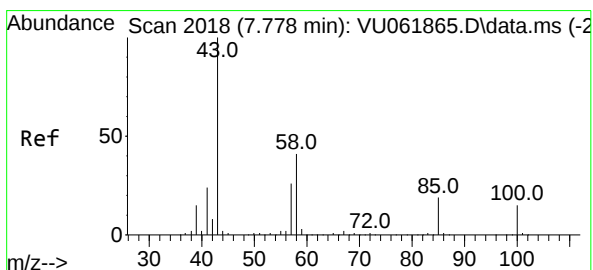
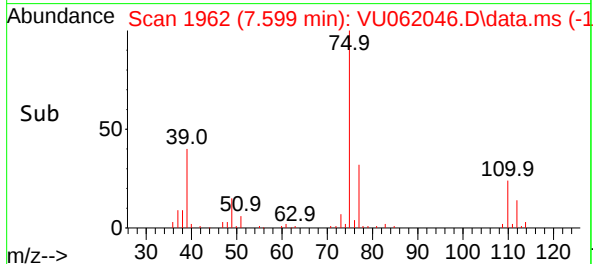
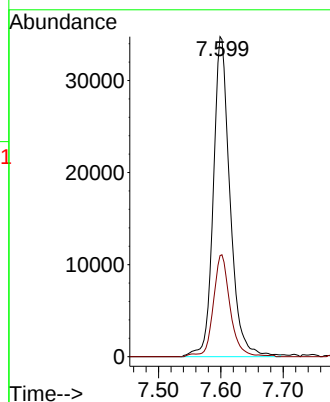
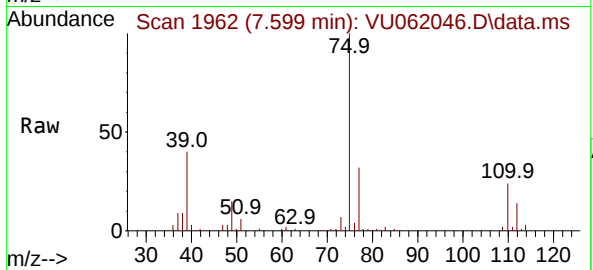




#39
 cis-1,3-Dichloropropene
 Concen: 5.113 ug/L
 RT: 7.599 min Scan# 1962
 Delta R.T. -0.000 min
 Lab File: VU062046.D
 Acq: 26 Nov 2024 15:48

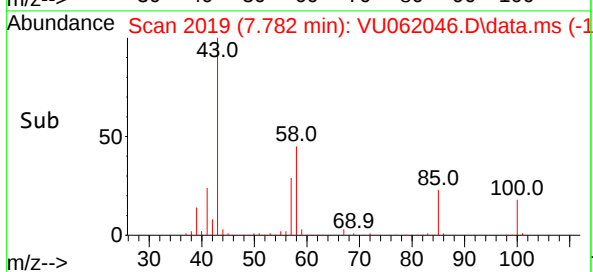
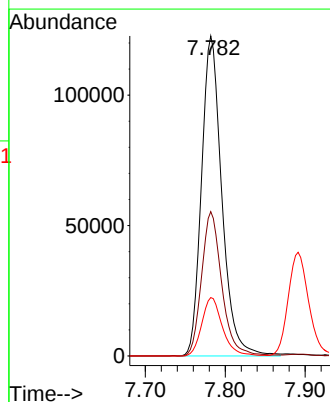
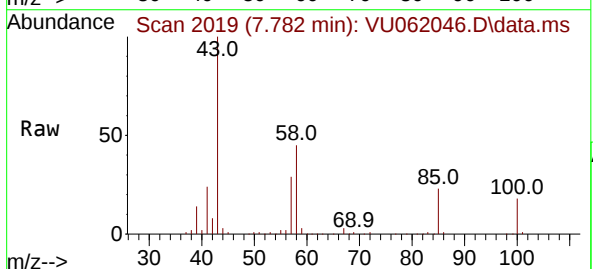
Instrument :
 MSVOA_U
 ClientSampleId :

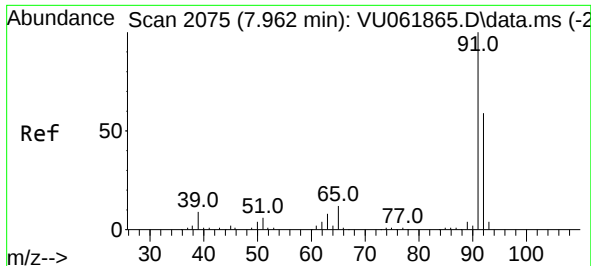
Tgt Ion: 75 Resp: 64805
 Ion Ratio Lower Upper
 75 100
 77 31.6 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 44.603 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VU062046.D
 Acq: 26 Nov 2024 15:48

Tgt Ion: 43 Resp: 217536
 Ion Ratio Lower Upper
 43 100
 58 44.9 33.3 49.9
 100 18.6 12.4 18.6





#42

Toluene

Concen: 4.897 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU062046.D

Acq: 26 Nov 2024 15:48

Instrument :

MSVOA_U

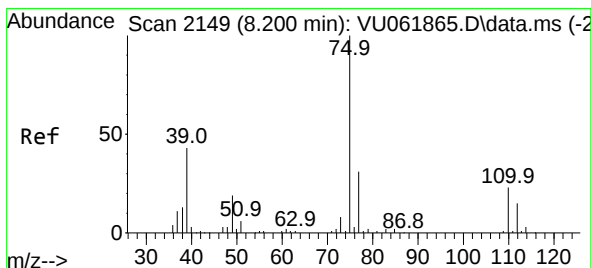
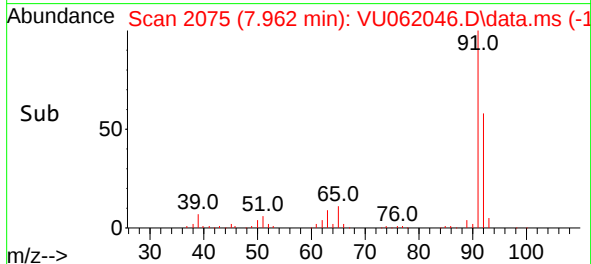
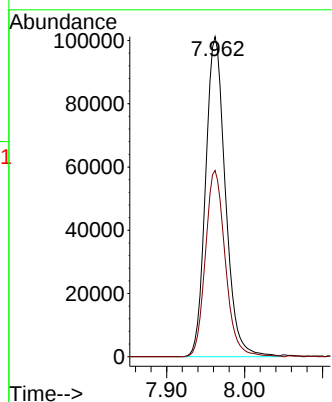
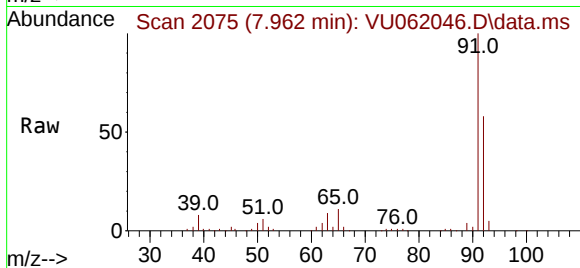
ClientSampleId :

Tgt Ion: 91 Resp: 178813

Ion Ratio Lower Upper

91 100

92 58.2 39.0 72.4



#44

trans-1,3-Dichloropropene

Concen: 5.390 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU062046.D

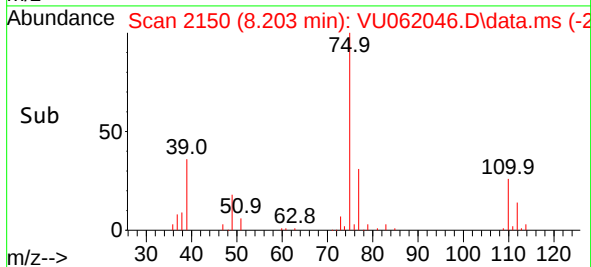
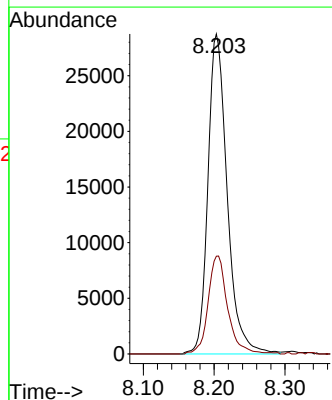
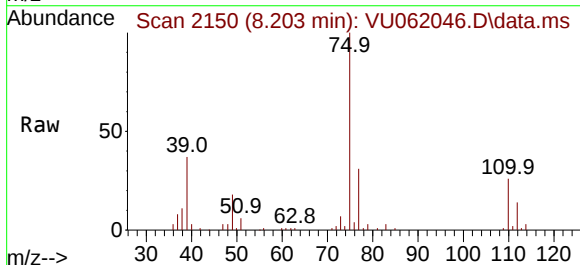
Acq: 26 Nov 2024 15:48

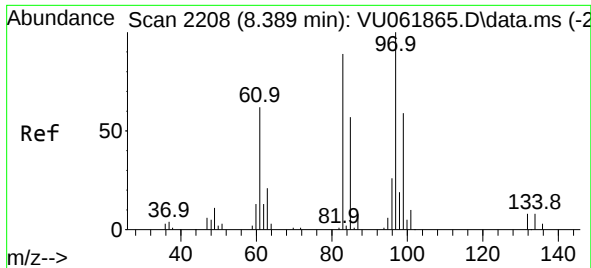
Tgt Ion: 75 Resp: 54250

Ion Ratio Lower Upper

75 100

77 30.6 21.8 40.4

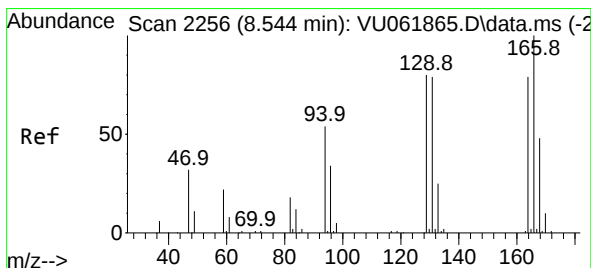
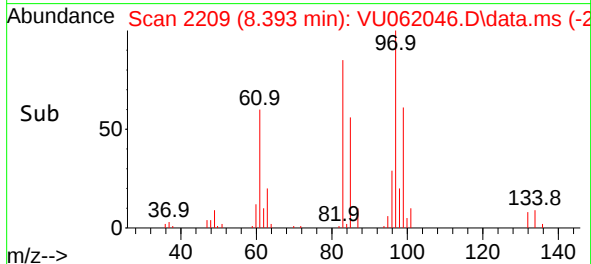
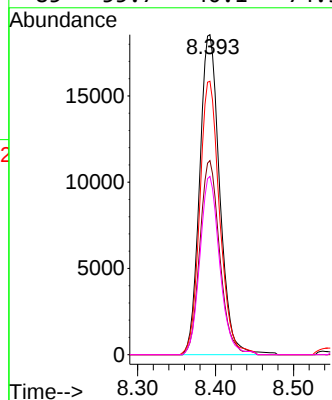
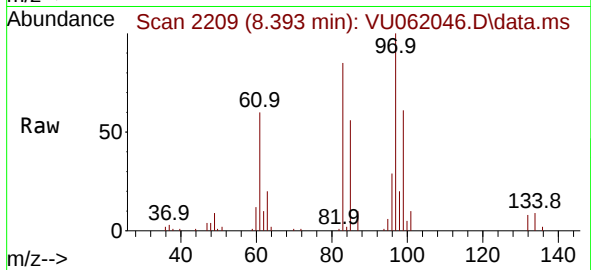




#45
1,1,2-Trichloroethane
Concen: 4.981 ug/L
RT: 8.393 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU062046.D
Acq: 26 Nov 2024 15:48

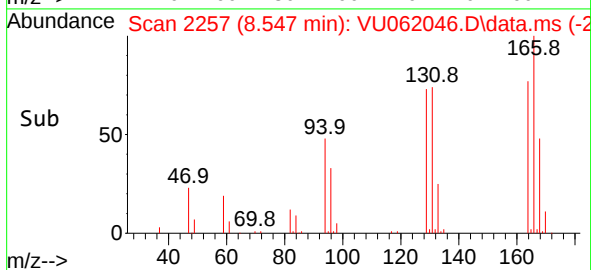
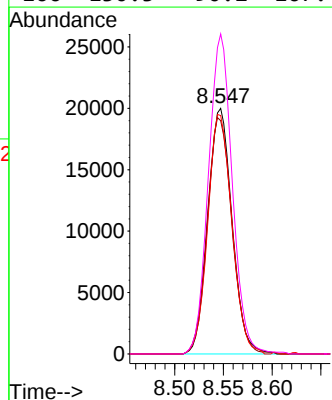
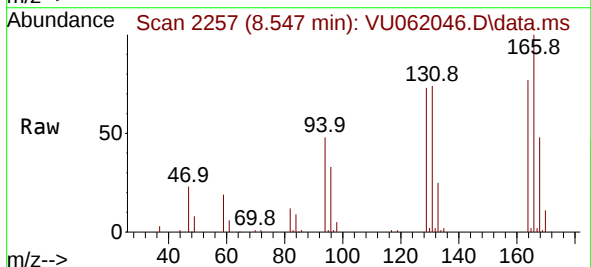
Instrument :
MSVOA_U
ClientSampleId :

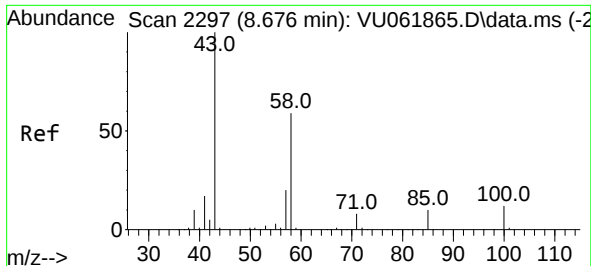
Tgt Ion:	97	Resp:	33166
Ion	Ratio	Lower	Upper
97	100		
99	60.7	43.0	79.8
83	85.4	61.7	114.5
85	55.7	40.1	74.5



#47
Tetrachloroethene
Concen: 5.116 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.003 min
Lab File: VU062046.D
Acq: 26 Nov 2024 15:48

Tgt Ion:	164	Resp:	34552
Ion	Ratio	Lower	Upper
164	100		
129	95.0	73.2	136.0
131	97.0	72.3	134.3
166	130.3	90.2	167.4

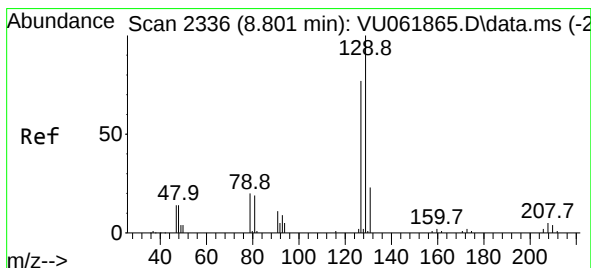
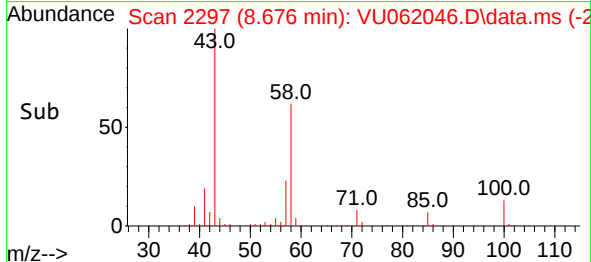
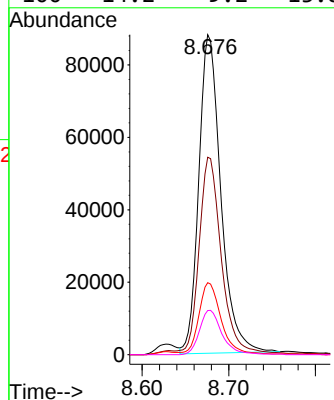
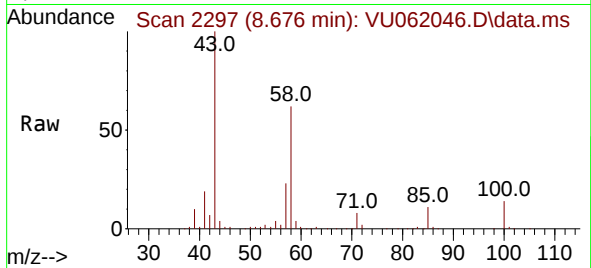




#48
2-Hexanone
Concen: 42.662 ug/L
RT: 8.676 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VU062046.D
Acq: 26 Nov 2024 15:48

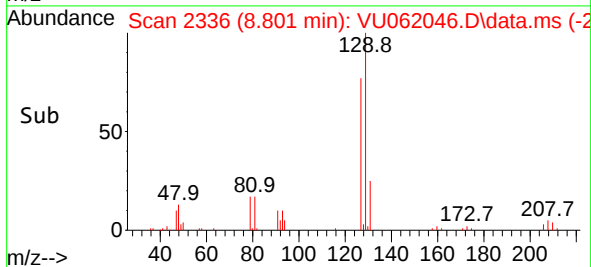
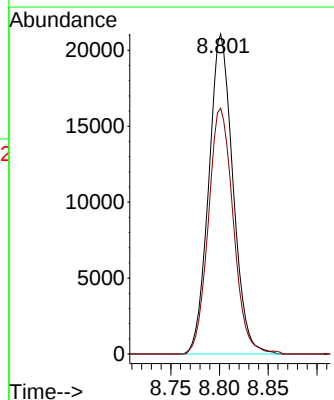
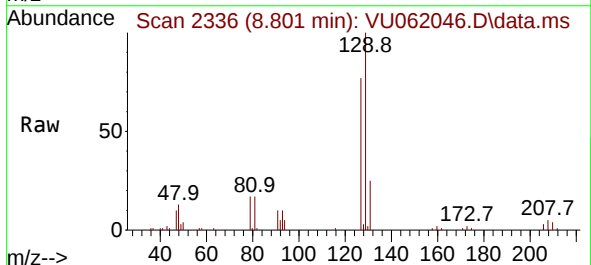
Instrument :
MSVOA_U
ClientSampleId :

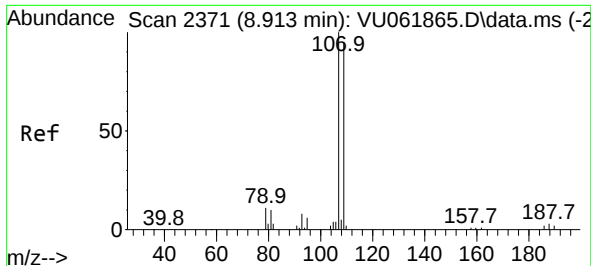
Tgt Ion:	43	Resp:	155825
Ion	Ratio	Lower	Upper
43	100		
58	61.2	47.5	71.3
57	22.4	15.6	23.4
100	14.2	9.2	13.8



#49
Dibromochloromethane
Concen: 5.179 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.003 min
Lab File: VU062046.D
Acq: 26 Nov 2024 15:48

Tgt Ion:	129	Resp:	36431
Ion	Ratio	Lower	Upper
129	100		
127	76.8	51.1	94.9





#50

1,2-Dibromoethane

Concen: 4.581 ug/L

RT: 8.917 min Scan# 21

Delta R.T. -0.000 min

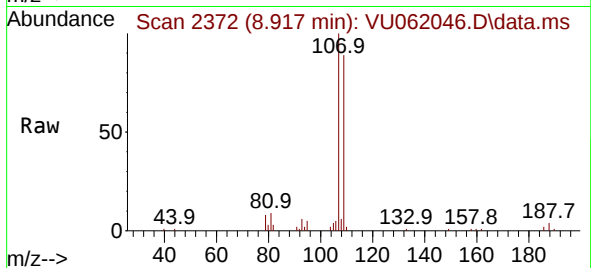
Lab File: VU062046.D

Acq: 26 Nov 2024 15:48

Instrument :

MSVOA_U

ClientSampleId :



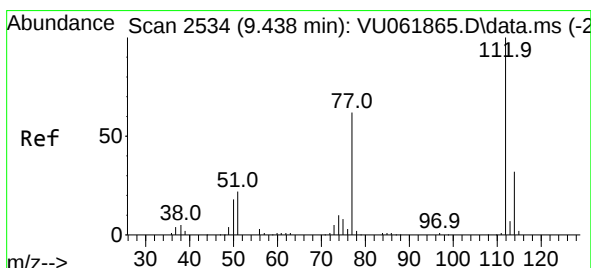
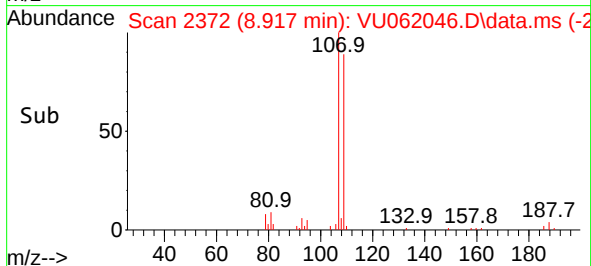
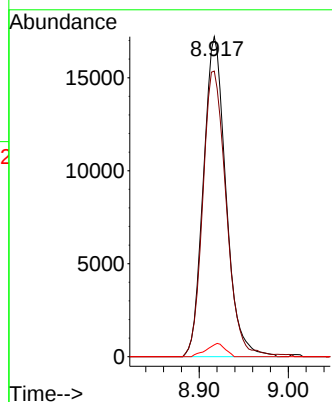
Tgt Ion:107 Resp: 30275

Ion Ratio Lower Upper

107 100

109 89.3 66.8 124.2

188 3.7 2.3 3.5#



#51

Chlorobenzene

Concen: 4.521 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. 0.003 min

Lab File: VU062046.D

Acq: 26 Nov 2024 15:48

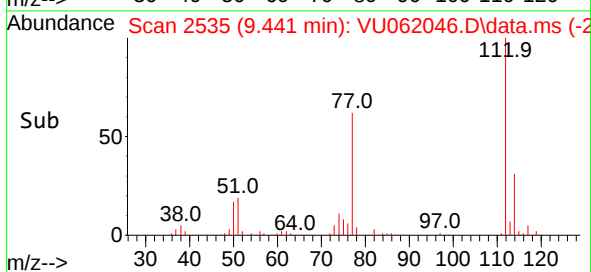
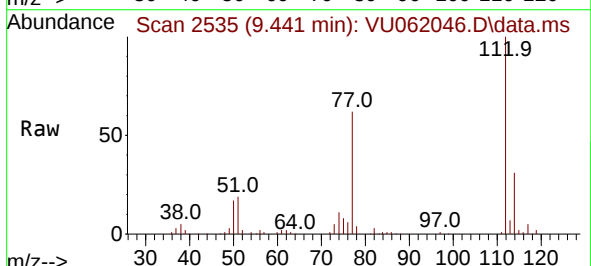
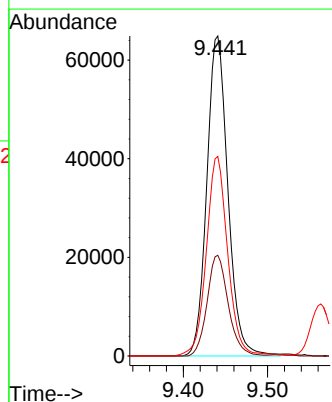
Tgt Ion:112 Resp: 113051

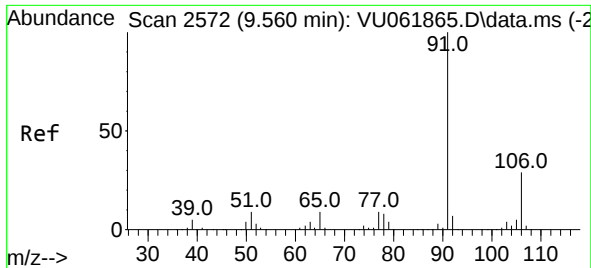
Ion Ratio Lower Upper

112 100

114 31.5 23.0 42.6

77 62.4 50.5 75.7

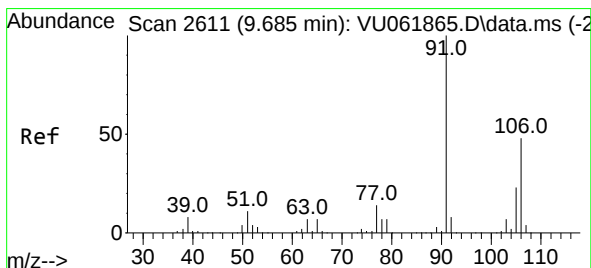
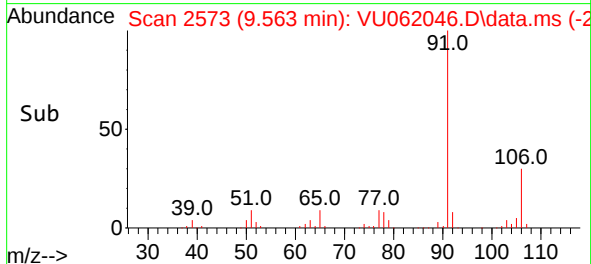
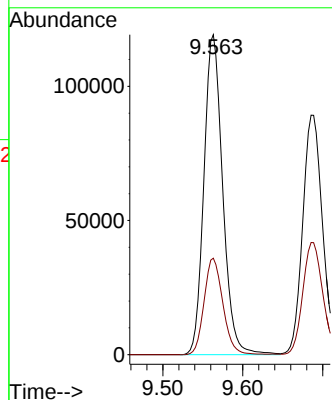
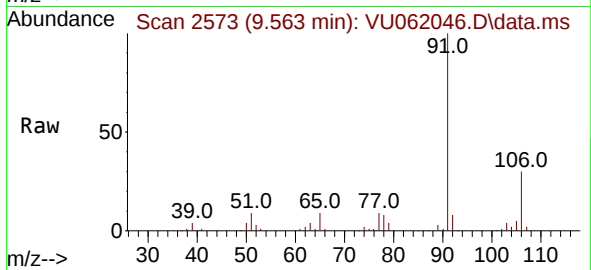




#52
Ethylbenzene
Concen: 4.466 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.003 min
Lab File: VU062046.D
Acq: 26 Nov 2024 15:48

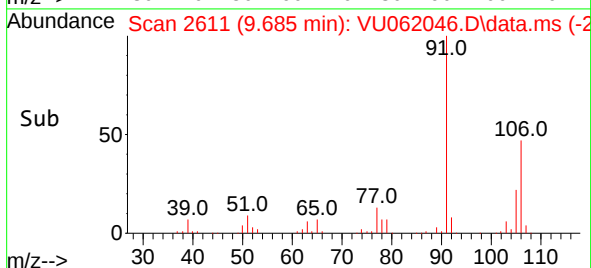
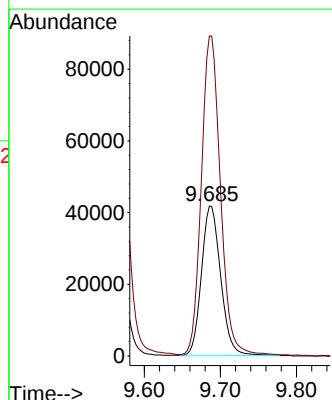
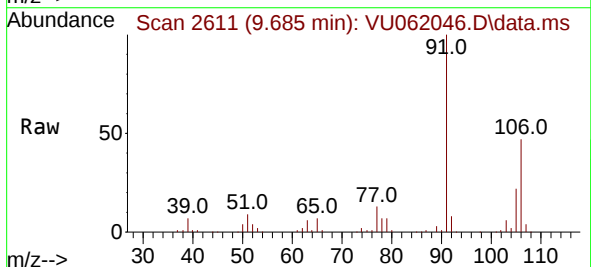
Instrument :
MSVOA_U
ClientSampleId :

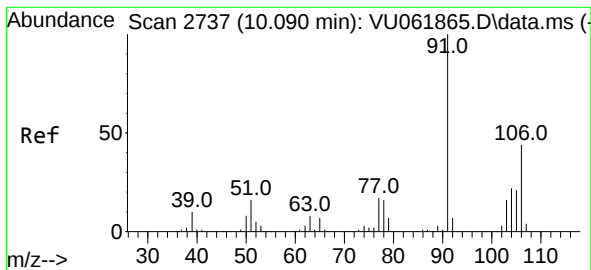
Tgt Ion: 91 Resp: 195124
Ion Ratio Lower Upper
91 100
106 30.1 21.6 40.0



#53
m,p-Xylene
Concen: 4.766 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU062046.D
Acq: 26 Nov 2024 15:48

Tgt Ion:106 Resp: 73486
Ion Ratio Lower Upper
106 100
91 213.7 147.6 274.0





#54

o-Xylene

Concen: 4.593 ug/L

RT: 10.094 min Scan# 2737

Delta R.T. -0.000 min

Lab File: VU062046.D

Acq: 26 Nov 2024 15:48

Instrument :

MSVOA_U

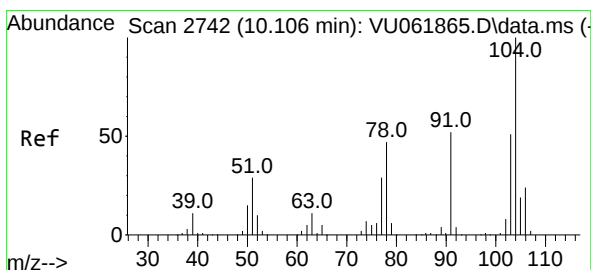
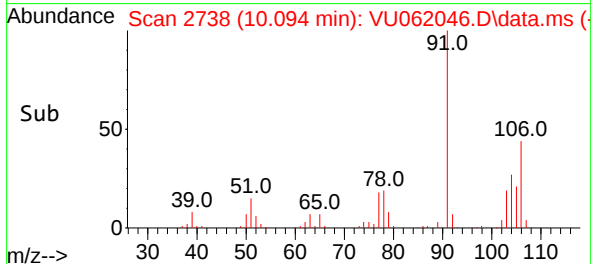
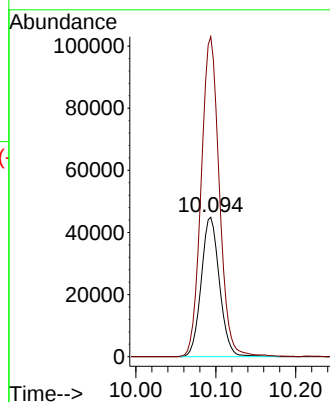
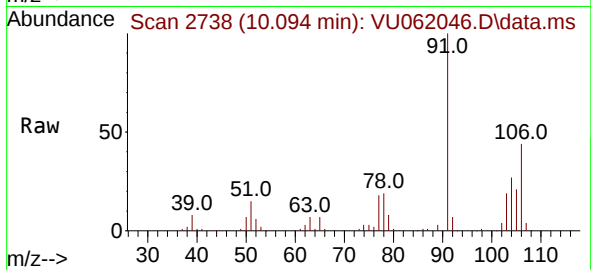
ClientSampleId :

Tgt Ion:106 Resp: 71478

Ion Ratio Lower Upper

106 100

91 229.5 159.8 296.8



#55

Styrene

Concen: 4.670 ug/L

RT: 10.107 min Scan# 2742

Delta R.T. -0.000 min

Lab File: VU062046.D

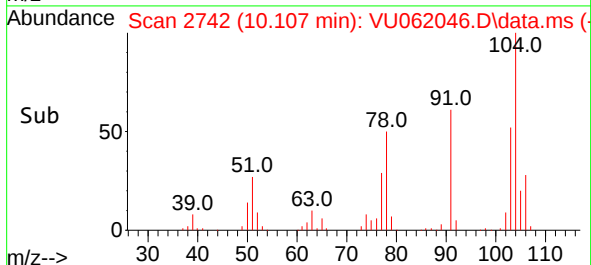
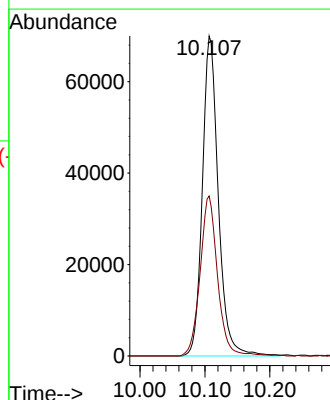
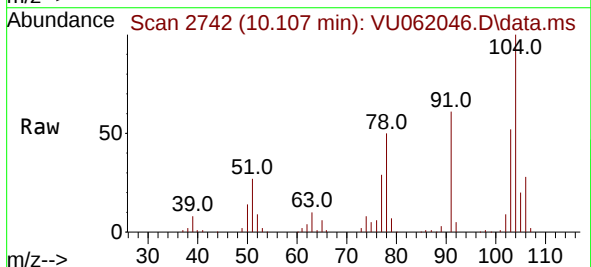
Acq: 26 Nov 2024 15:48

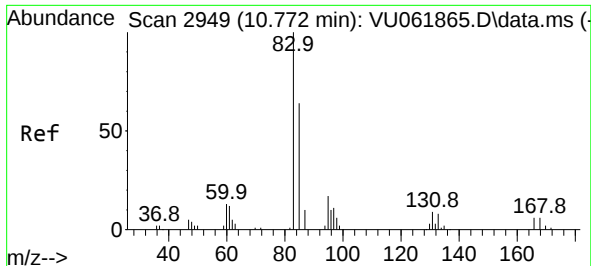
Tgt Ion:104 Resp: 119725

Ion Ratio Lower Upper

104 100

78 50.0 33.2 61.7





#57

1,1,2,2-Tetrachloroethane

Concen: 4.557 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. -0.000 min

Lab File: VU062046.D

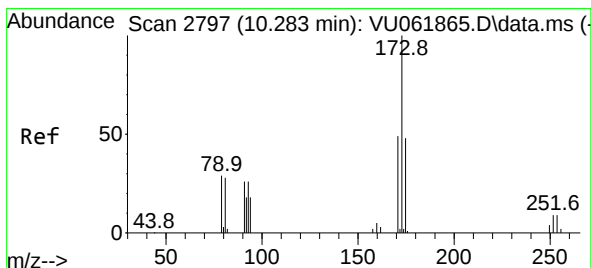
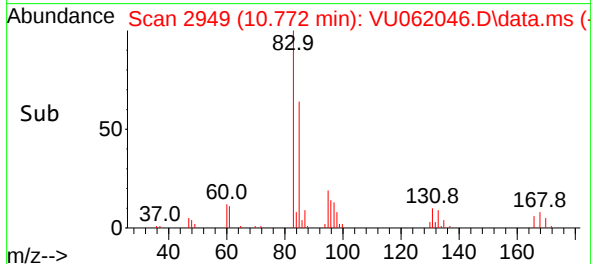
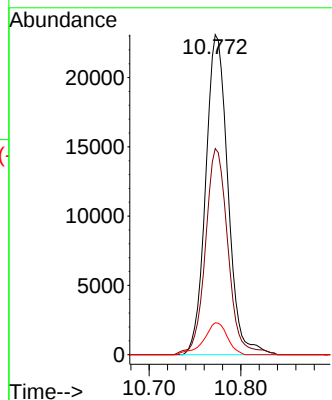
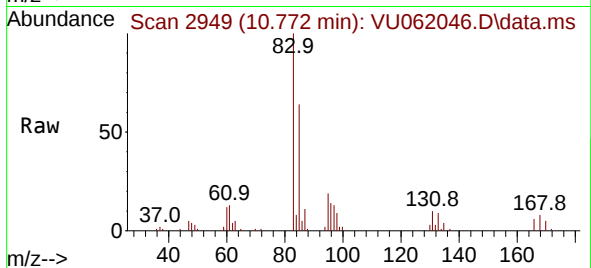
Acq: 26 Nov 2024 15:48

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	38887
Ion	Ratio	Lower	Upper
83	100		
85	64.4	44.4	82.4
131	10.0	7.3	10.9



#59

Bromoform

Concen: 4.904 ug/L

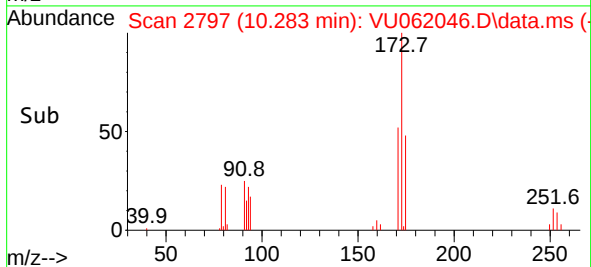
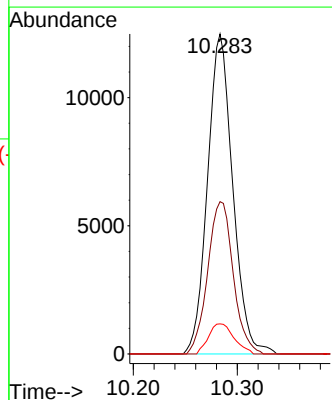
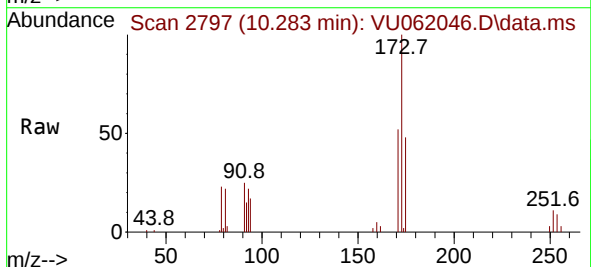
RT: 10.283 min Scan# 2797

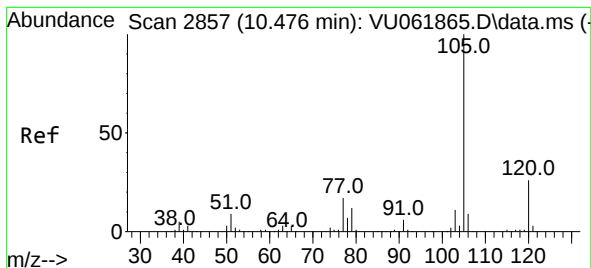
Delta R.T. 0.003 min

Lab File: VU062046.D

Acq: 26 Nov 2024 15:48

Tgt Ion:	173	Resp:	21028
Ion	Ratio	Lower	Upper
173	100		
175	48.2	39.0	58.4
254	9.5	7.4	11.0





#60

Isopropylbenzene

Concen: 4.239 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. -0.000 min

Lab File: VU062046.D

Acq: 26 Nov 2024 15:48

Instrument :

MSVOA_U

ClientSampleId :

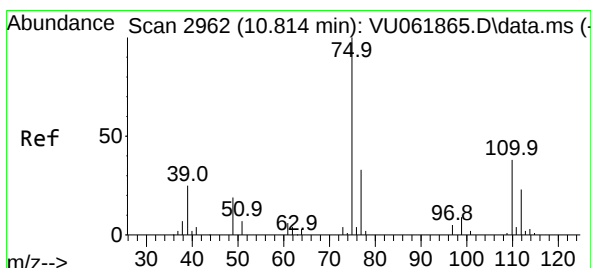
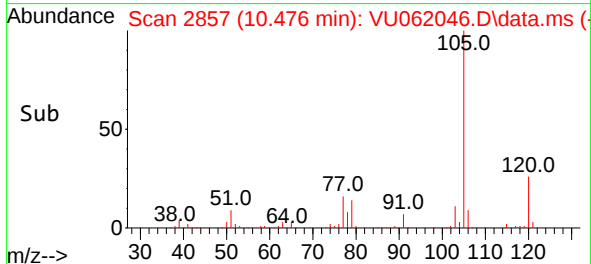
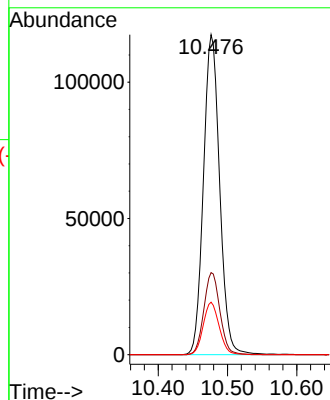
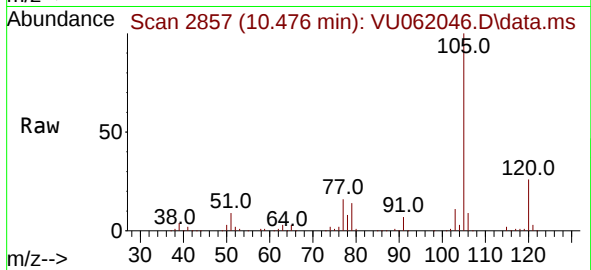
Tgt Ion:105 Resp: 190636

Ion Ratio Lower Upper

105 100

120 25.4 20.6 31.0

77 16.1 13.0 19.6



#61

1,2,3-Trichloropropane

Concen: 4.070 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. -0.000 min

Lab File: VU062046.D

Acq: 26 Nov 2024 15:48

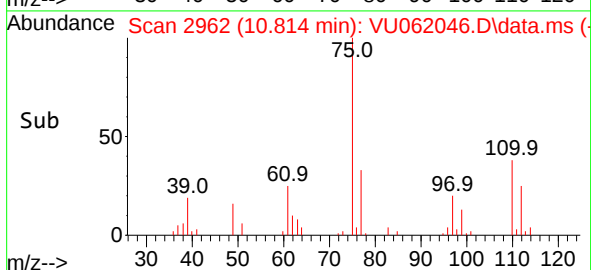
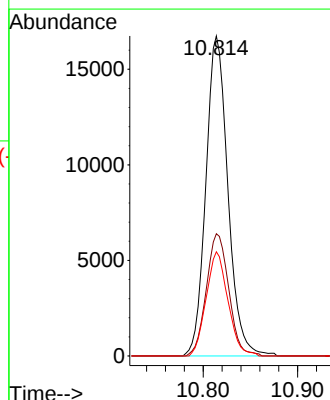
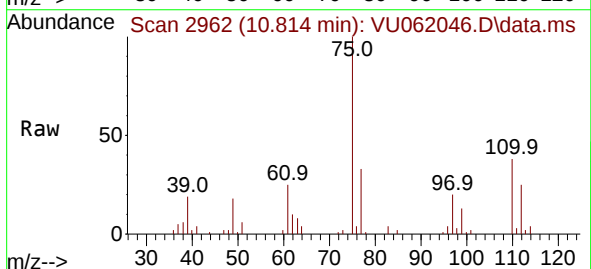
Tgt Ion: 75 Resp: 27142

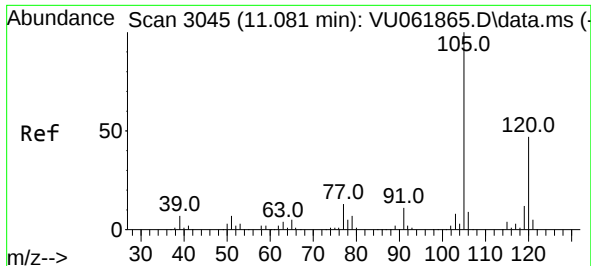
Ion Ratio Lower Upper

75 100

110 38.8 28.9 43.3

77 32.2 26.5 39.7





#62

1,3,5-Trimethylbenzene

Concen: 4.398 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. -0.000 min

Lab File: VU062046.D

Acq: 26 Nov 2024 15:48

Instrument :

MSVOA_U

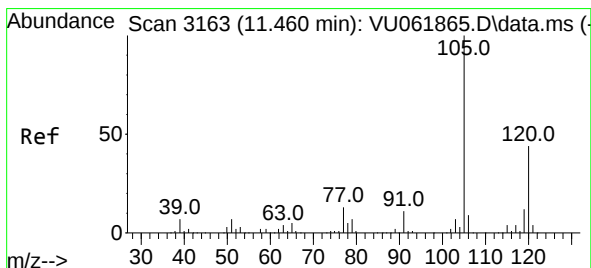
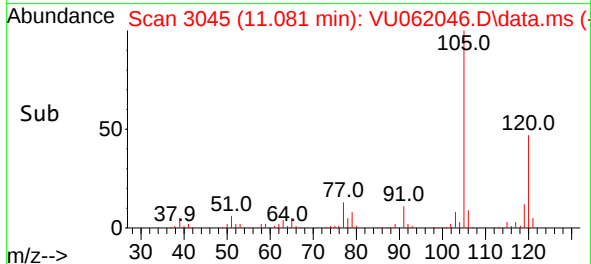
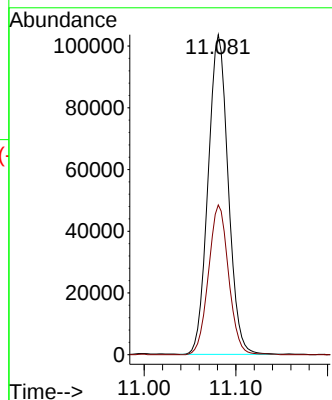
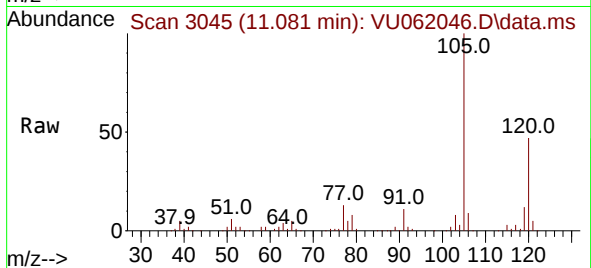
ClientSampleId :

Tgt Ion:105 Resp: 157786

Ion Ratio Lower Upper

105 100

120 46.9 36.7 55.1



#63

1,2,4-Trimethylbenzene

Concen: 4.404 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.000 min

Lab File: VU062046.D

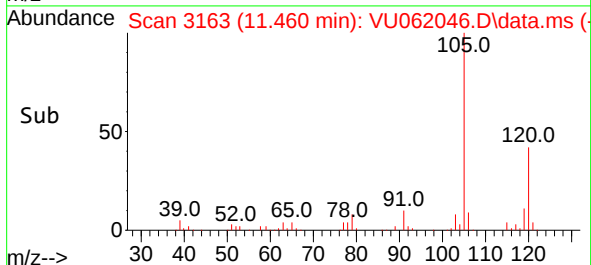
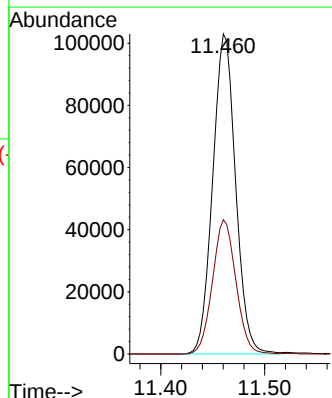
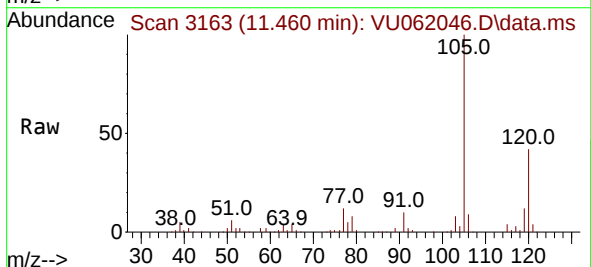
Acq: 26 Nov 2024 15:48

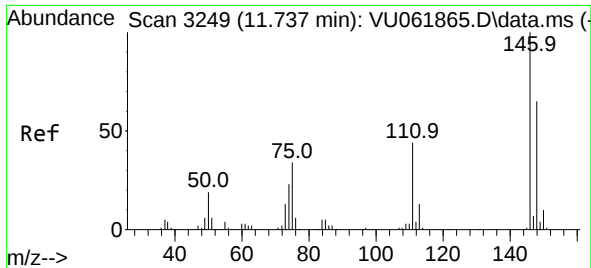
Tgt Ion:105 Resp: 157541

Ion Ratio Lower Upper

105 100

120 42.8 34.7 52.1

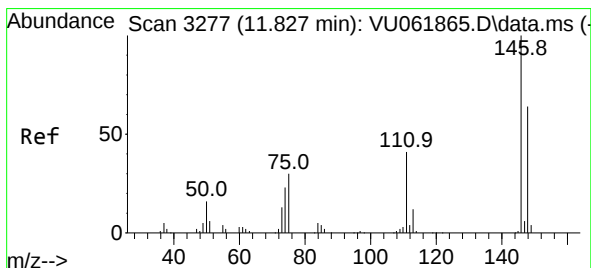
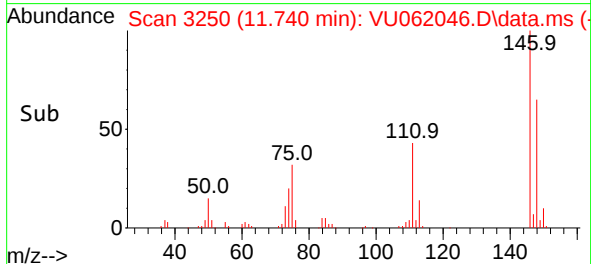
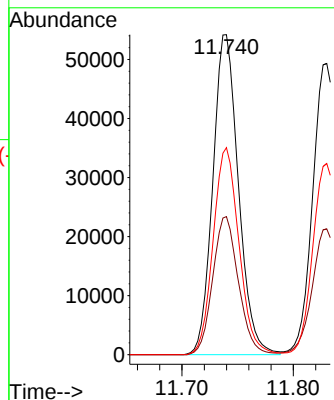
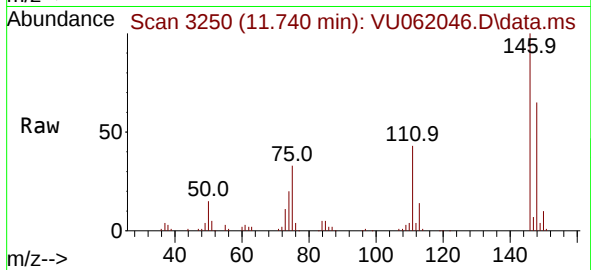




#64
1,3-Dichlorobenzene
Concen: 4.340 ug/L
RT: 11.740 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU062046.D
Acq: 26 Nov 2024 15:48

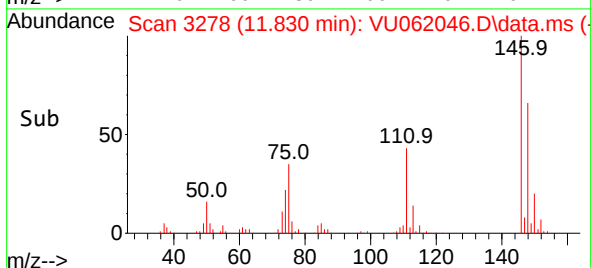
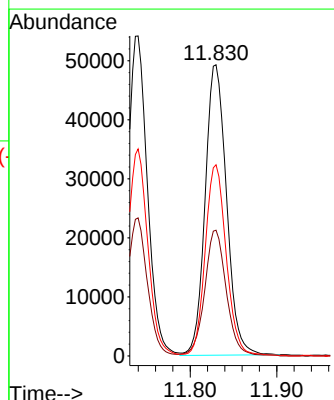
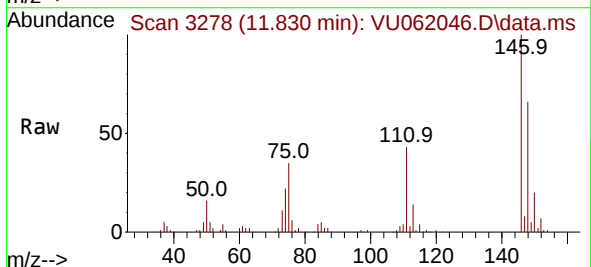
Instrument :
MSVOA_U
ClientSampleId :

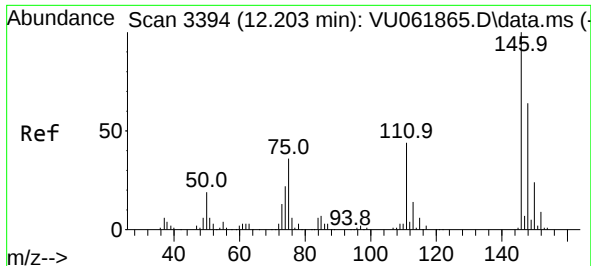
Tgt Ion:146 Resp: 86647
Ion Ratio Lower Upper
146 100
111 43.2 30.7 57.1
148 64.7 45.1 83.7



#65
1,4-Dichlorobenzene
Concen: 4.370 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.003 min
Lab File: VU062046.D
Acq: 26 Nov 2024 15:48

Tgt Ion:146 Resp: 84451
Ion Ratio Lower Upper
146 100
111 43.2 29.3 54.3
148 65.7 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 4.650 ug/L

RT: 12.206 min Scan# 3394

Delta R.T. 0.003 min

Lab File: VU062046.D

Acq: 26 Nov 2024 15:48

Instrument :

MSVOA_U

ClientSampleId :

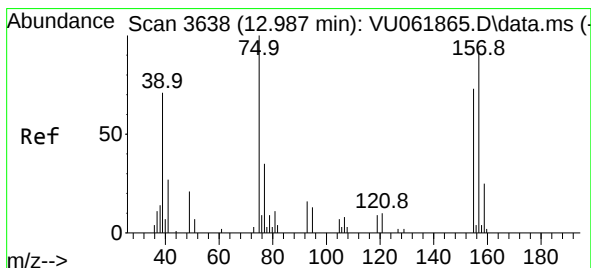
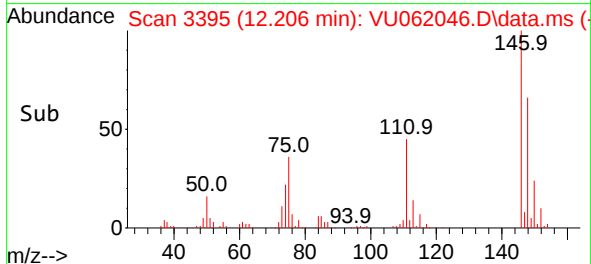
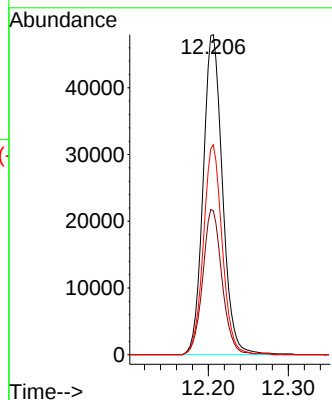
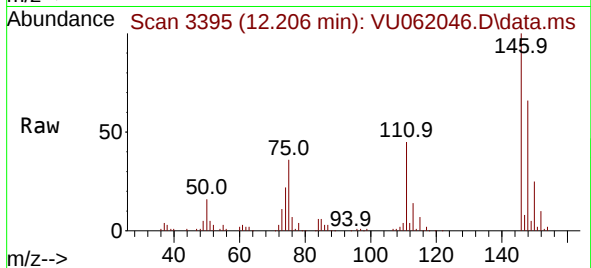
Tgt Ion:146 Resp: 80746

Ion Ratio Lower Upper

146 100

111 45.0 36.0 54.0

148 65.6 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 4.799 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.000 min

Lab File: VU062046.D

Acq: 26 Nov 2024 15:48

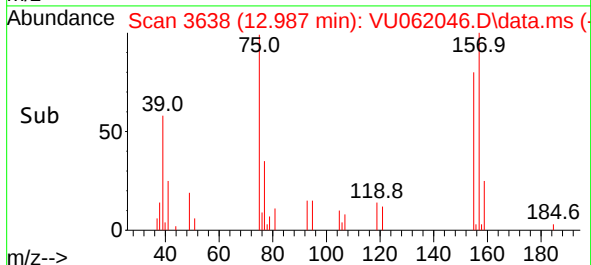
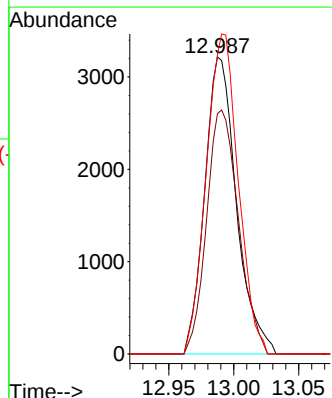
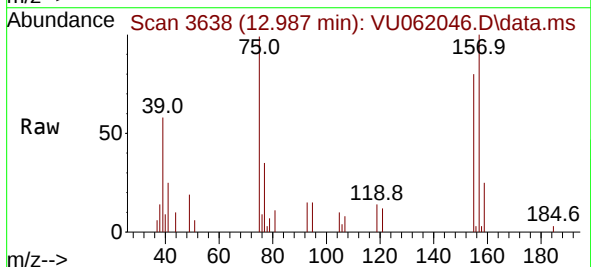
Tgt Ion: 75 Resp: 5461

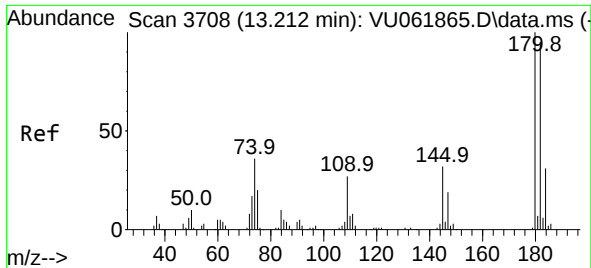
Ion Ratio Lower Upper

75 100

155 80.9 55.2 82.8

157 100.8 73.5 110.3





#69

1,3,5-Trichlorobenzene

Concen: 5.115 ug/L

RT: 13.213 min Scan# 31

Delta R.T. -0.000 min

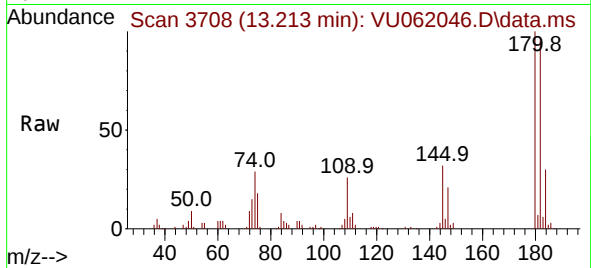
Lab File: VU062046.D

Acq: 26 Nov 2024 15:48

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 60769

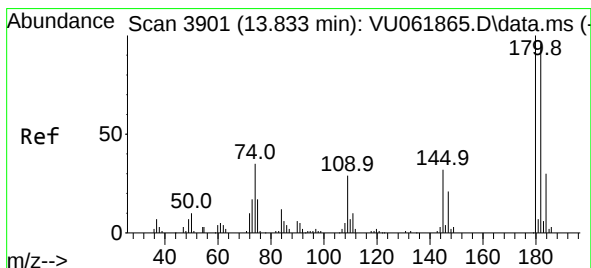
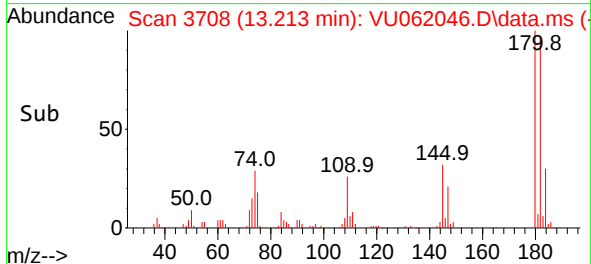
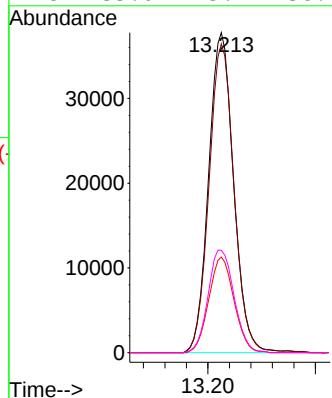
Ion Ratio Lower Upper

180 100

182 96.8 76.7 115.1

184 30.2 24.8 37.2

145 33.6 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 5.230 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU062046.D

Acq: 26 Nov 2024 15:48

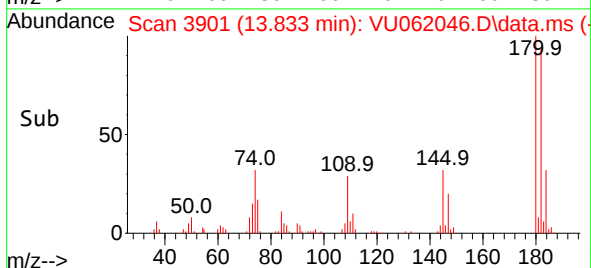
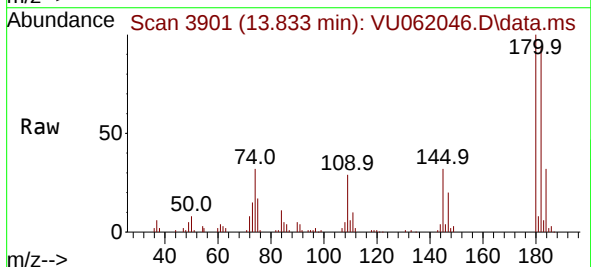
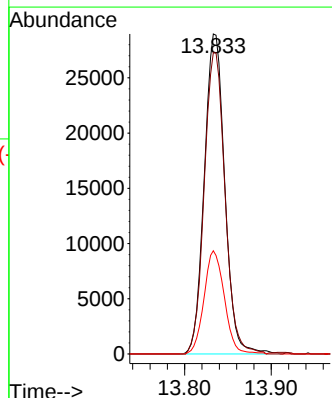
Tgt Ion:180 Resp: 47618

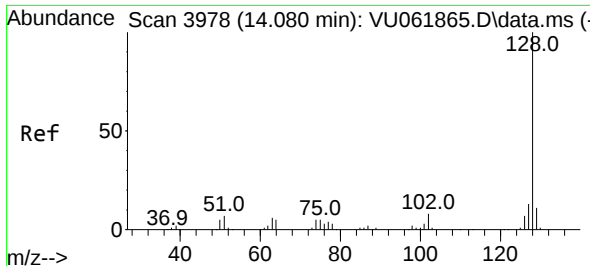
Ion Ratio Lower Upper

180 100

182 95.4 74.5 111.7

145 32.0 25.6 38.4

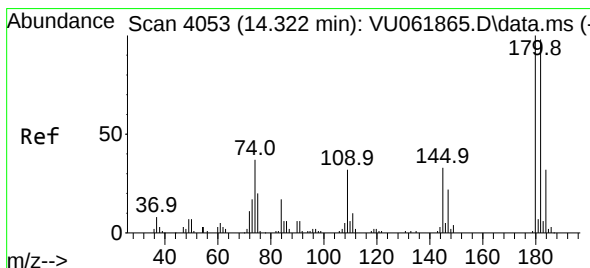
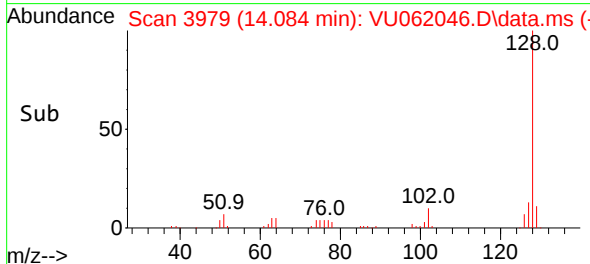
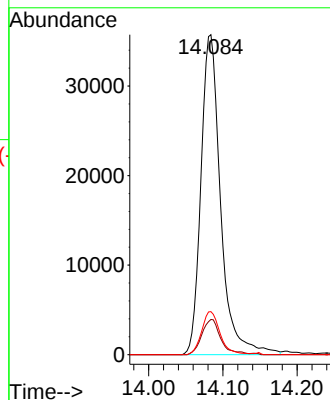
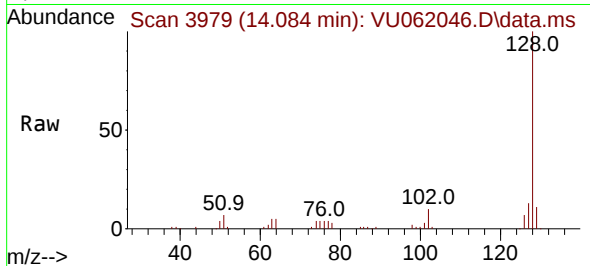




#71
Naphthalene
Concen: 4.489 ug/L
RT: 14.084 min Scan# 3978
Delta R.T. 0.003 min
Lab File: VU062046.D
Acq: 26 Nov 2024 15:48

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 65874
Ion Ratio Lower Upper
128 100
129 10.6 8.5 12.7
127 12.6 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.170 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU062046.D
Acq: 26 Nov 2024 15:48

Tgt Ion:180 Resp: 40540
Ion Ratio Lower Upper
180 100
182 94.8 76.1 114.1
145 33.9 27.4 41.0

