

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092524\
 Data File : VU061008.D
 Acq On : 25 Sep 2024 16:45
 Operator : MD/SY
 Sample : P4186-06MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 26 05:40:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 26 05:34:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	134736	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	139677	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	68008	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	47460	3.916	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.400%
7) Chloroethane-d5	1.911	69	41186	4.773	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.400%
11) 1,1-Dichloroethene-d2	2.560	65	17592	4.096	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.000%
20) 2-Butanone-d5	4.634	46	110018	56.551	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.100%
24) Chloroform-d	5.055	84	93472	5.045	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
26) 1,2-Dichloroethane-d4	5.695	65	44330	5.006	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
32) Benzene-d6	5.721	84	167031	4.462	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	6.682	67	57469	4.961	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.200%
41) Toluene-d8	7.891	98	153113	4.486	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
43) trans-1,3-Dichloroprop...	8.174	79	20697	4.964	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.200%
46) 2-Hexanone-d5	8.627	63	92238	56.081	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.160%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	47649	5.251	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.000%
66) 1,2-Dichlorobenzene-d4	12.183	152	52922	4.631	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	50311	4.947	ug/L	97
3) Chloromethane	1.515	50	60056	5.590	ug/L	98
5) Vinyl chloride	1.599	62	62864	5.406	ug/L	97
6) Bromomethane	1.853	94	32477	4.370	ug/L	97
8) Chloroethane	1.930	64	39797	5.602	ug/L	98
9) Trichlorofluoromethane	2.132	101	87997	5.510	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	49057	5.286	ug/L	96
12) 1,1-Dichloroethene	2.573	96	45416	5.359	ug/L	93
13) Acetone	2.660	43	74393	57.317	ug/L	95
14) Carbon disulfide	2.785	76	113961	4.847	ug/L	100
15) Methyl Acetate	2.956	43	17794	5.623	ug/L	98
16) Methylene chloride	3.039	84	51533	5.250	ug/L	94
17) Methyl tert-butyl Ether	3.354	73	110610	5.775	ug/L	100
18) trans-1,2-Dichloroethene	3.345	96	43699	4.976	ug/L	99
19) 1,1-Dichloroethane	3.859	63	102406	5.808	ug/L	99
21) 2-Butanone	4.714	43	117363	55.548	ug/L	99
22) cis-1,2-Dichloroethene	4.656	96	52680	5.420	ug/L	99
23) Bromochloromethane	4.965	128	23610	5.143	ug/L	94
25) Chloroform	5.078	83	116054	6.312	ug/L	97

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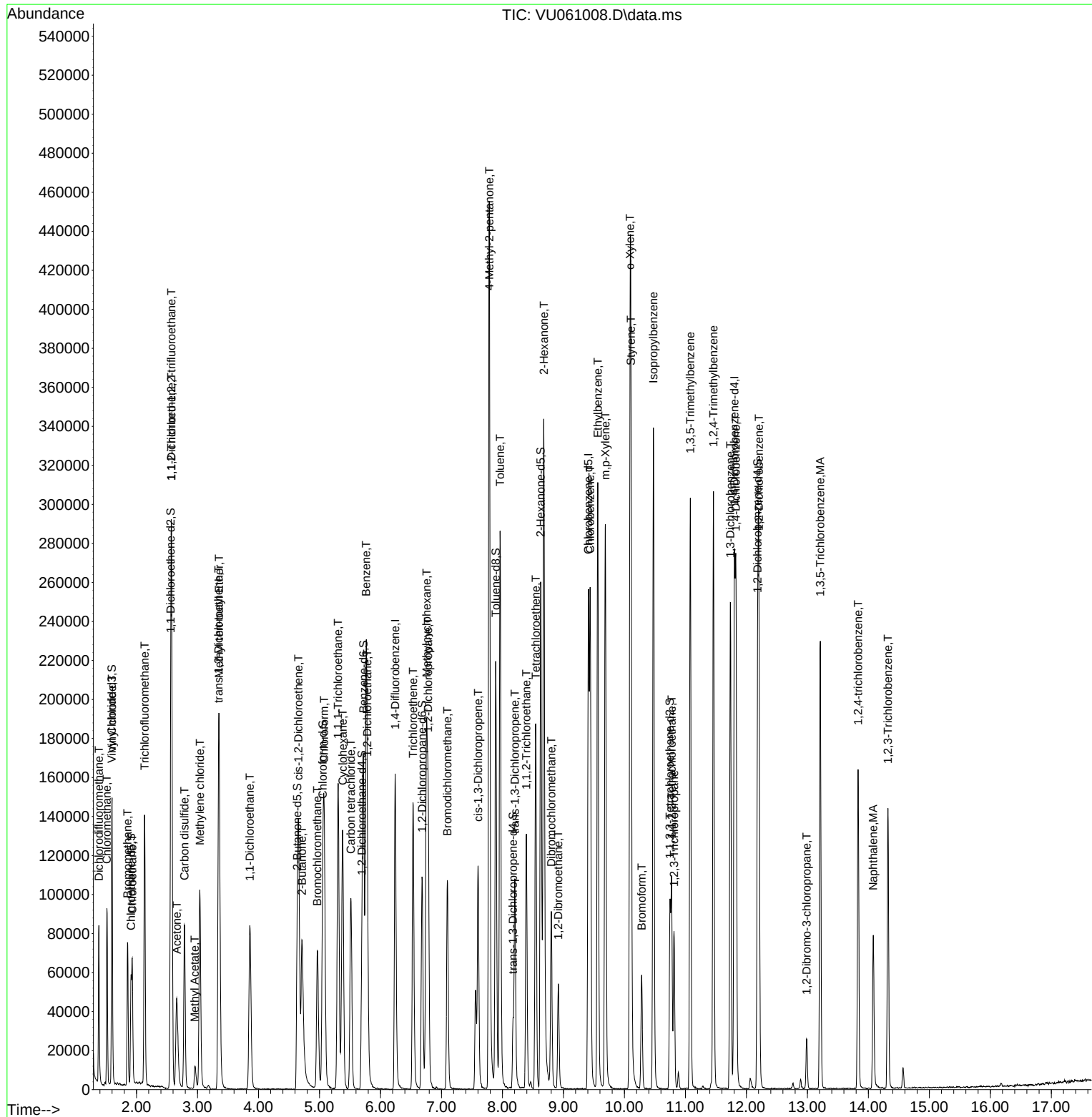
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	59216	5.558	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	114586	7.599	ug/L	97
30) Cyclohexane	5.380	56	60545	4.885	ug/L	96
31) Carbon tetrachloride	5.515	117	71449	5.352	ug/L	100
33) Benzene	5.766	78	205168	5.342	ug/L	100
34) Trichloroethene	6.534	95	53697	5.333	ug/L	97
35) Methylcyclohexane	6.756	83	64318	4.656	ug/L	96
37) 1,2-Dichloropropane	6.782	63	60779	5.743	ug/L #	98
38) Bromodichloromethane	7.097	83	72506	5.585	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	76068	5.404	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	300795	60.866	ug/L	96
42) Toluene	7.962	91	215398	5.364	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	65428	5.653	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	41955	5.491	ug/L	98
47) Tetrachloroethene	8.547	164	42691	5.336	ug/L	97
48) 2-Hexanone	8.679	43	224568	62.342	ug/L	99
49) Dibromochloromethane	8.801	129	45971	5.285	ug/L	99
50) 1,2-Dibromoethane	8.917	107	36813	5.399	ug/L #	98
51) Chlorobenzene	9.441	112	137803	5.110	ug/L	98
52) Ethylbenzene	9.563	91	218005	5.157	ug/L	98
53) m,p-Xylene	9.688	106	83367	5.201	ug/L	96
54) o-Xylene	10.094	106	79082	4.999	ug/L	91
55) Styrene	10.110	104	139112	5.218	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	53800	5.646	ug/L #	97
59) Bromoform	10.283	173	26944	5.257	ug/L	99
60) Isopropylbenzene	10.476	105	214775	5.329	ug/L	98
61) 1,2,3-Trichloropropane	10.814	75	36607	5.771	ug/L	96
62) 1,3,5-Trimethylbenzene	11.081	105	161456	5.154	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	162541	5.252	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	106146	5.238	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	102727	4.904	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	97631	5.095	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	7583	6.122	ug/L #	76
69) 1,3,5-Trichlorobenzene	13.212	180	71032	4.686	ug/L	97
70) 1,2,4-trichlorobenzene	13.833	180	52274	4.895	ug/L	96
71) Naphthalene	14.081	128	68818	4.886	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	47673	5.168	ug/L	96

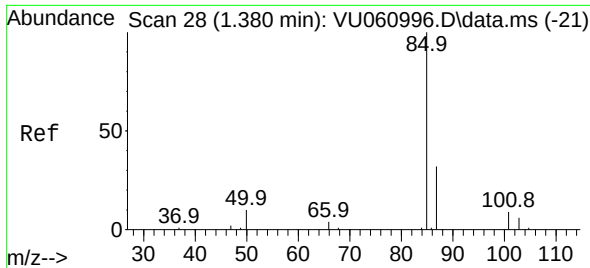
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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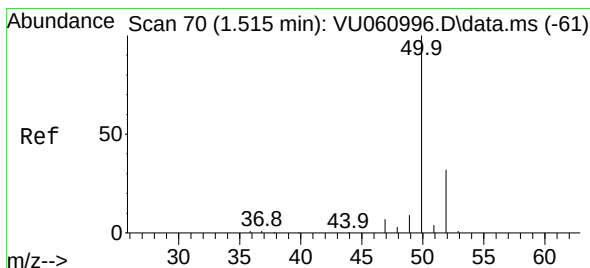
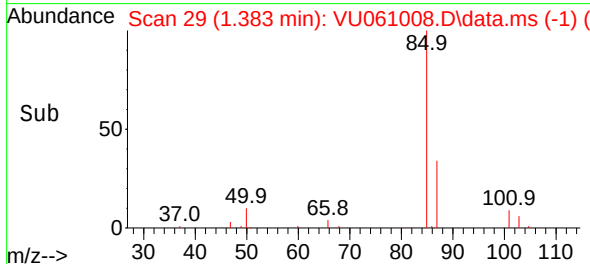
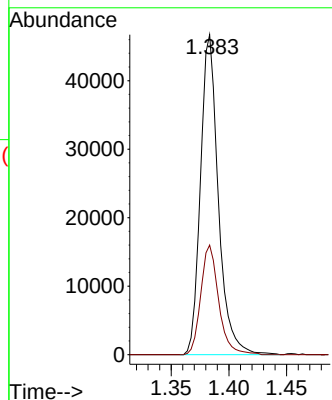
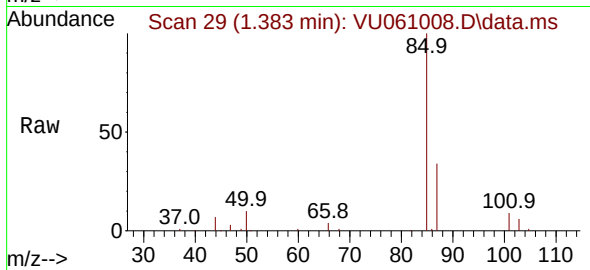




#2
 Dichlorodifluoromethane
 Concen: 4.947 ug/L
 RT: 1.383 min Scan# 20
 Delta R.T. 0.003 min
 Lab File: VU061008.D
 Acq: 25 Sep 2024 16:45

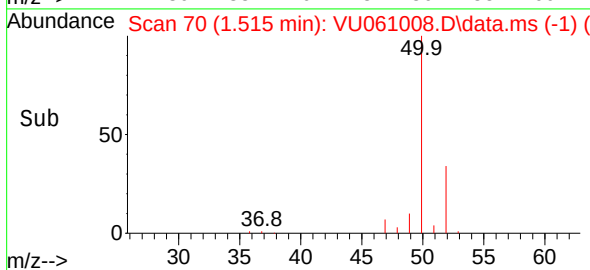
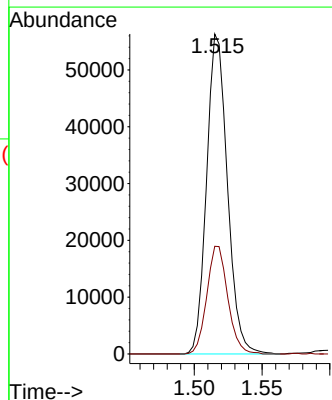
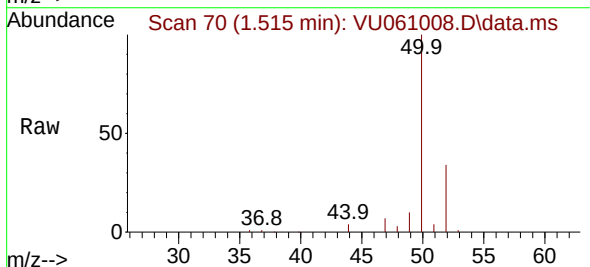
Instrument :
 MSVOA_U
 ClientSampleId :

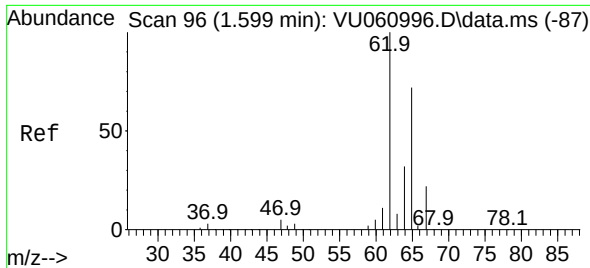
Tgt Ion: 85 Resp: 50311
 Ion Ratio Lower Upper
 85 100
 87 34.3 26.2 39.2



#3
 Chloromethane
 Concen: 5.590 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VU061008.D
 Acq: 25 Sep 2024 16:45

Tgt Ion: 50 Resp: 60056
 Ion Ratio Lower Upper
 50 100
 52 33.7 24.4 45.4

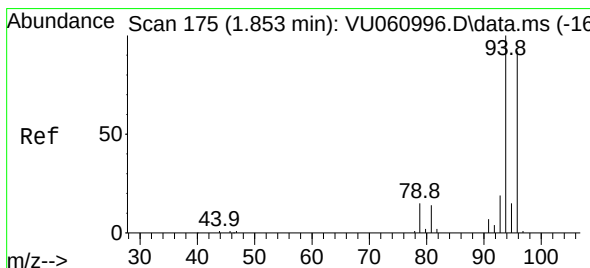
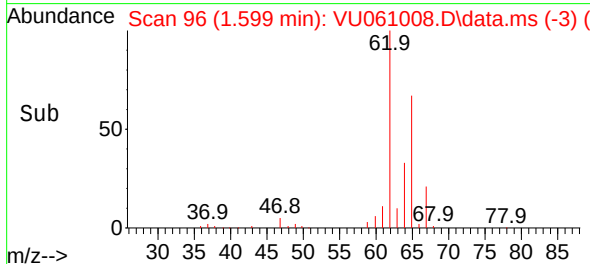
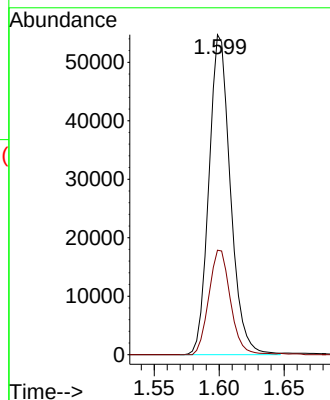
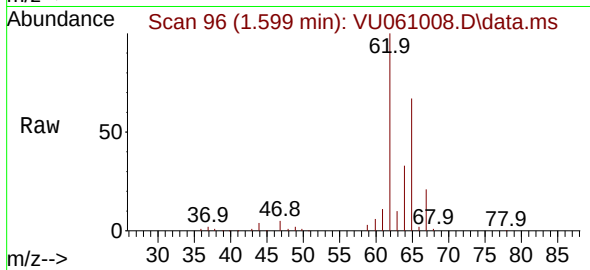




#5
 Vinyl chloride
 Concen: 5.406 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. -0.000 min
 Lab File: VU061008.D
 Acq: 25 Sep 2024 16:45

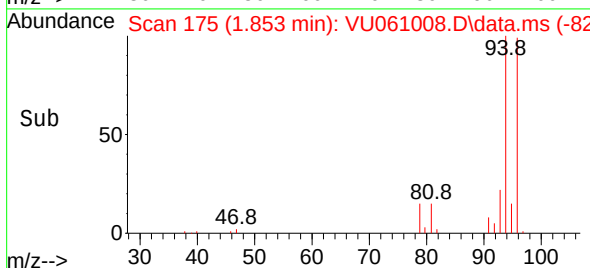
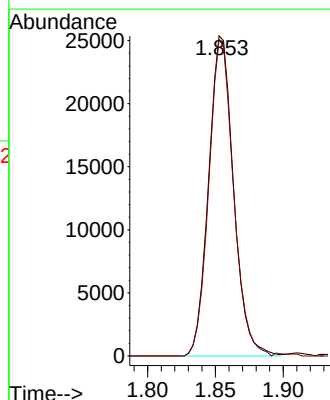
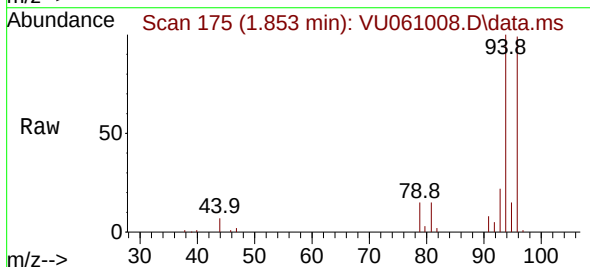
Instrument :
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 ClientSampleId :

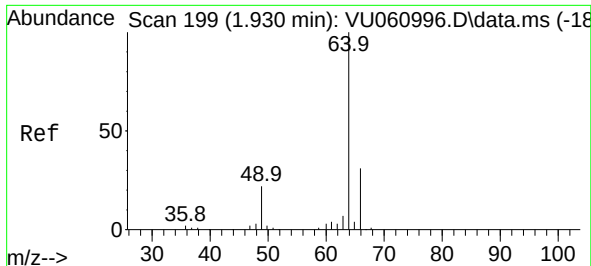
Tgt Ion: 62 Resp: 62864
 Ion Ratio Lower Upper
 62 100
 64 32.7 24.0 44.6



#6
 Bromomethane
 Concen: 4.370 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. -0.000 min
 Lab File: VU061008.D
 Acq: 25 Sep 2024 16:45

Tgt Ion: 94 Resp: 32477
 Ion Ratio Lower Upper
 94 100
 96 98.9 67.3 124.9

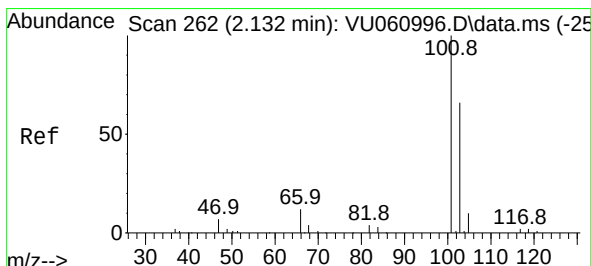
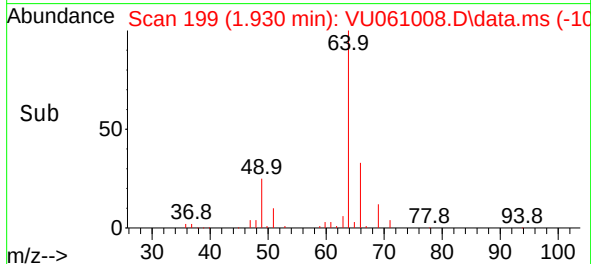
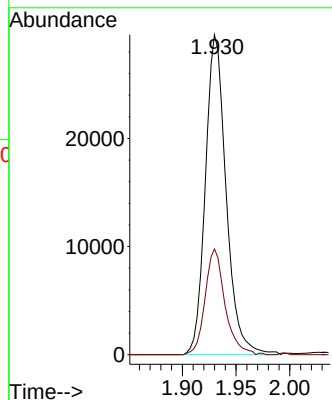
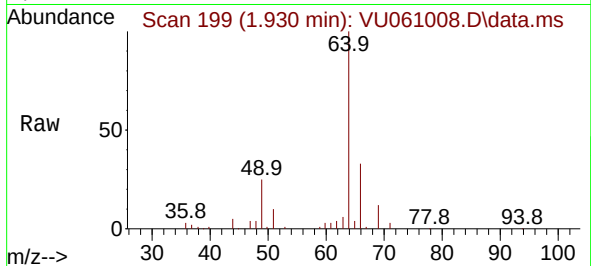




#8
Chloroethane
Concen: 5.602 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU061008.D
Acq: 25 Sep 2024 16:45

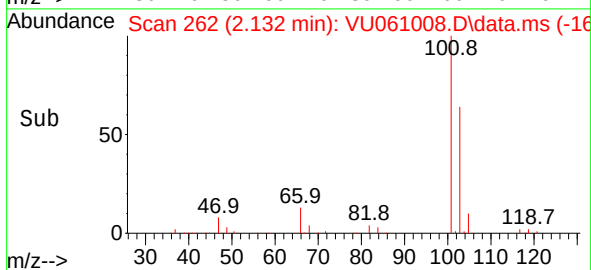
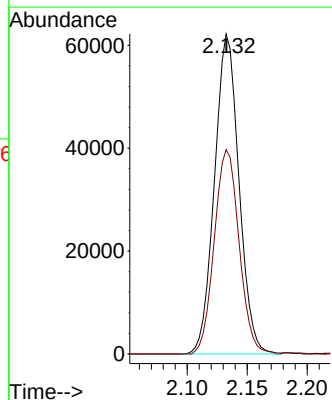
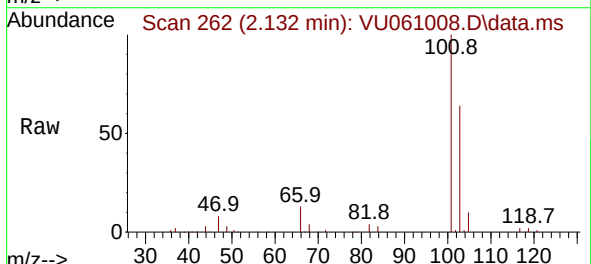
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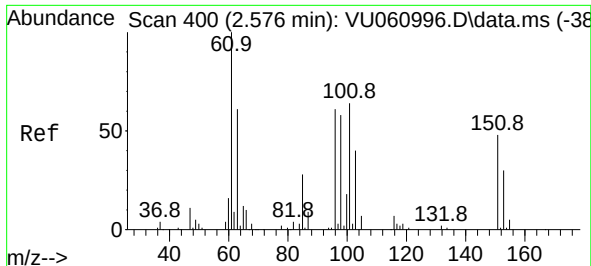
Tgt Ion: 64 Resp: 39797
Ion Ratio Lower Upper
64 100
66 33.0 22.3 41.3



#9
Trichlorofluoromethane
Concen: 5.510 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU061008.D
Acq: 25 Sep 2024 16:45

Tgt Ion:101 Resp: 87997
Ion Ratio Lower Upper
101 100
103 64.8 51.4 77.2

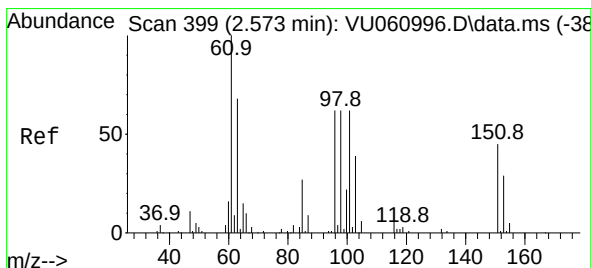
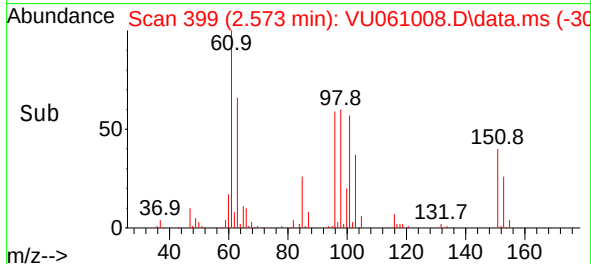
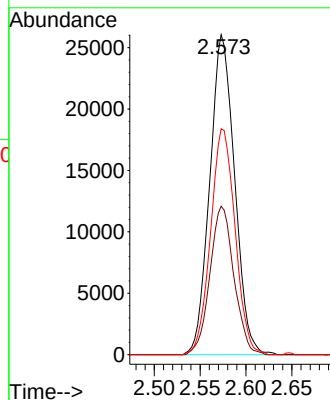
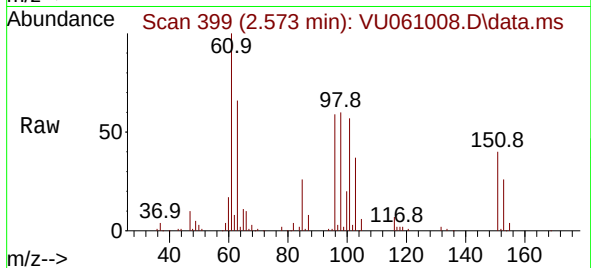




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.286 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU061008.D
Acq: 25 Sep 2024 16:45

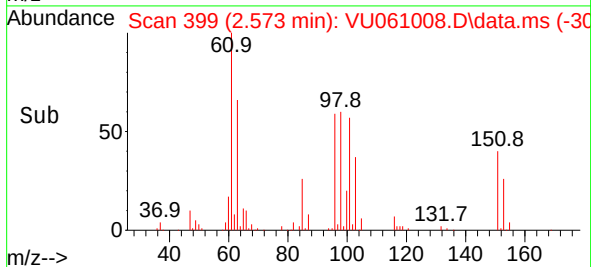
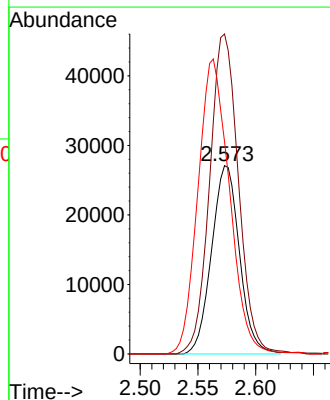
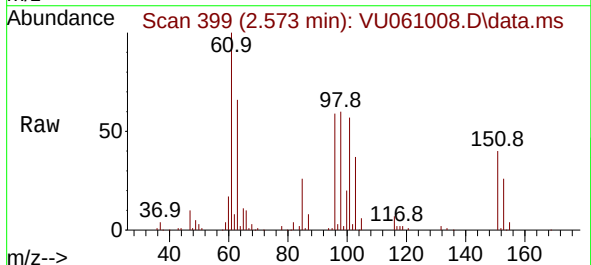
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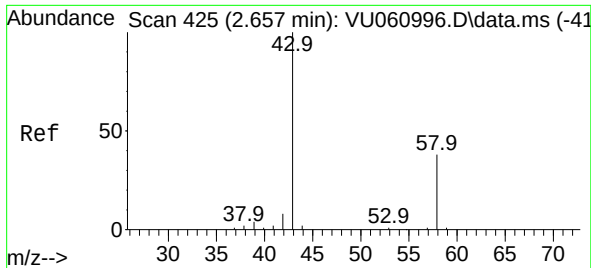
Tgt Ion:101 Resp: 49057
Ion Ratio Lower Upper
101 100
85 44.8 34.2 51.4
151 69.7 58.6 88.0



#12
1,1-Dichloroethene
Concen: 5.359 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU061008.D
Acq: 25 Sep 2024 16:45

Tgt Ion: 96 Resp: 45416
Ion Ratio Lower Upper
96 100
61 169.9 120.7 224.1
63 112.9 90.0 167.2





#13

Acetone

Concen: 57.317 ug/L

RT: 2.660 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU061008.D

Acq: 25 Sep 2024 16:45

Instrument :

MSVOA_U

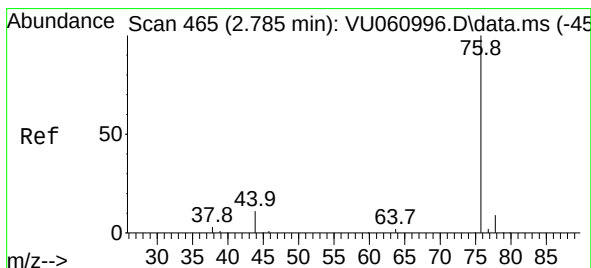
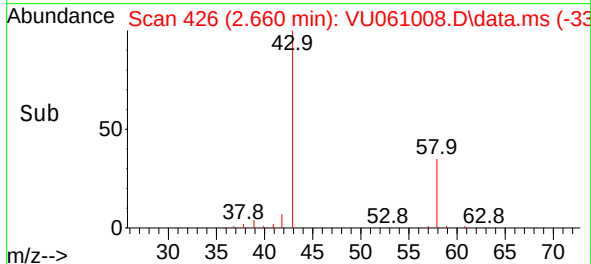
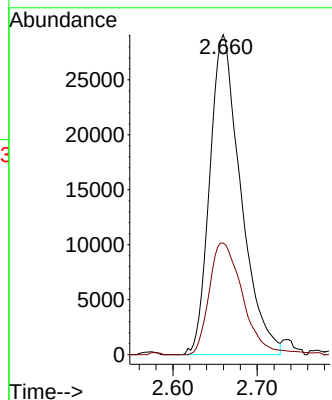
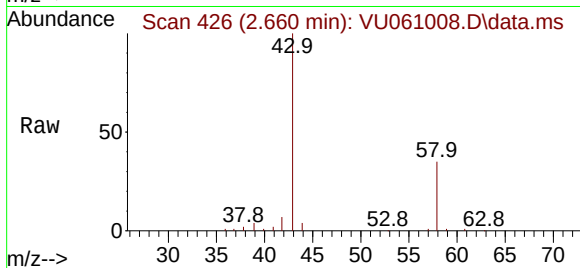
ClientSampleId :

Tgt Ion: 43 Resp: 74393

Ion Ratio Lower Upper

43 100

58 38.0 0.0 69.6



#14

Carbon disulfide

Concen: 4.847 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.000 min

Lab File: VU061008.D

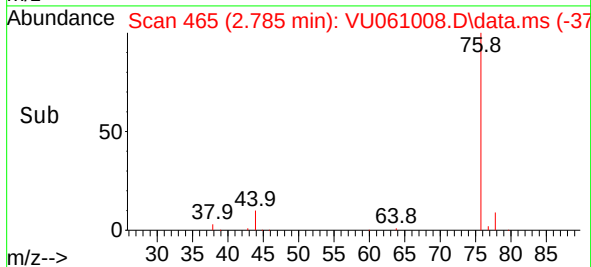
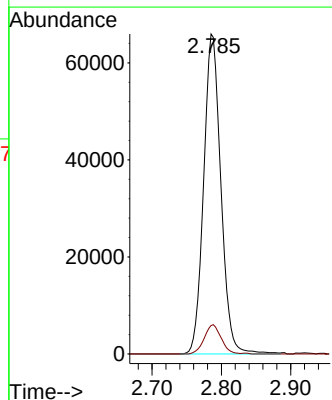
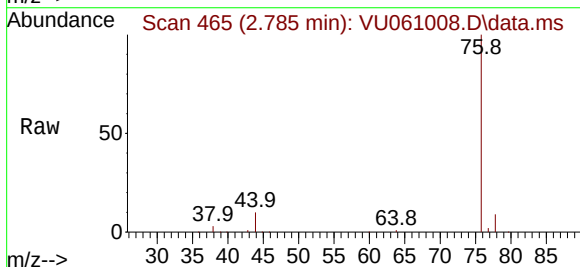
Acq: 25 Sep 2024 16:45

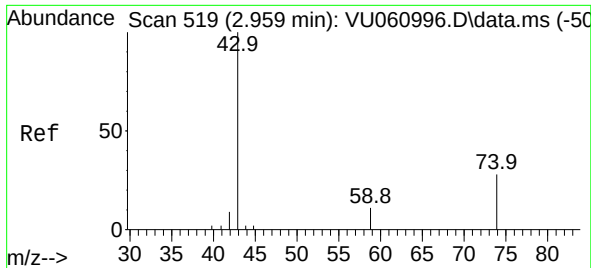
Tgt Ion: 76 Resp: 113961

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7





#15

Methyl Acetate

Concen: 5.623 ug/L

RT: 2.956 min Scan# 519

Delta R.T. -0.003 min

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Instrument :

MSVOA_U

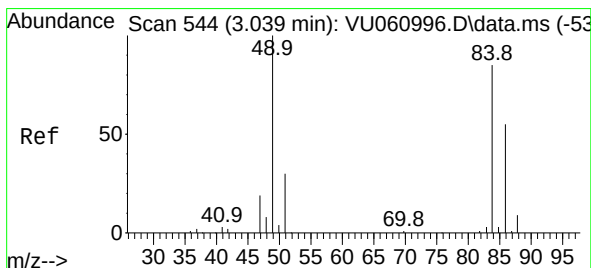
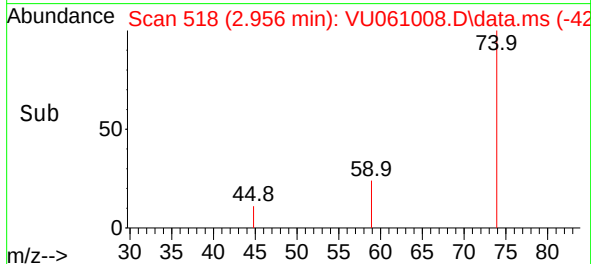
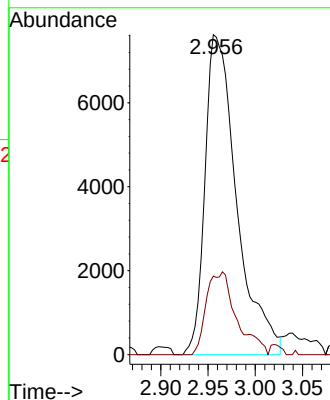
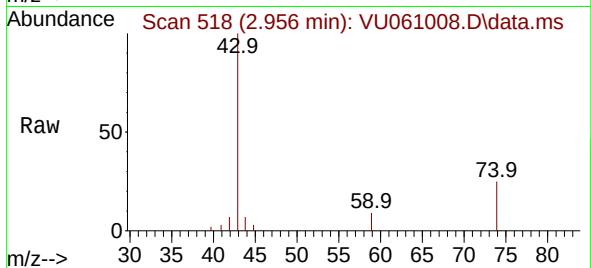
ClientSampleId :

Tgt Ion: 43 Resp: 17794

Ion Ratio Lower Upper

43 100

74 24.5 18.9 28.3



#16

Methylene chloride

Concen: 5.250 ug/L

RT: 3.039 min Scan# 544

Delta R.T. -0.000 min

Lab File: VU061008.D

Acq: 25 Sep 2024 16:45

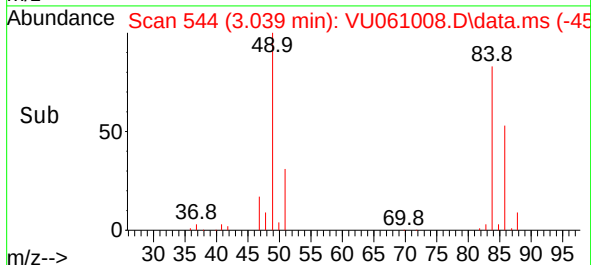
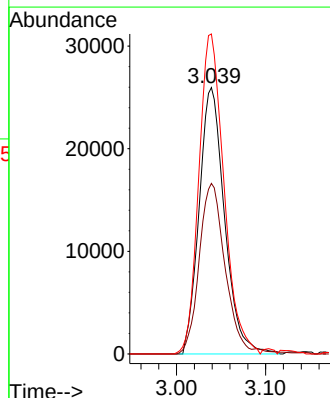
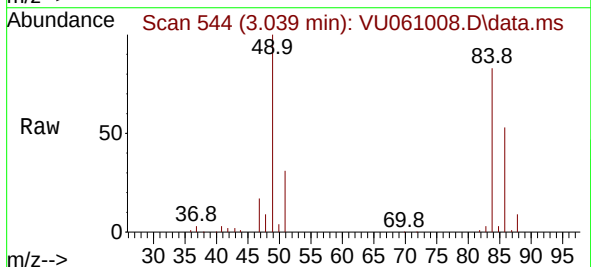
Tgt Ion: 84 Resp: 51533

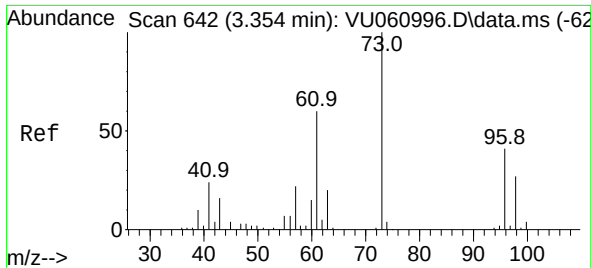
Ion Ratio Lower Upper

84 100

86 64.0 47.3 87.8

49 120.1 78.7 146.1

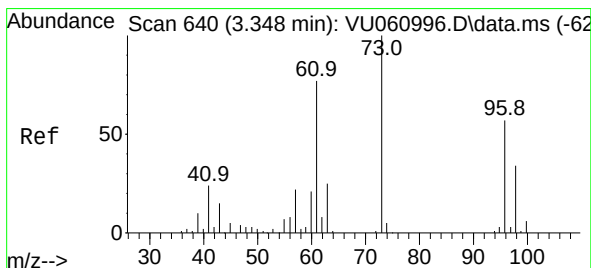
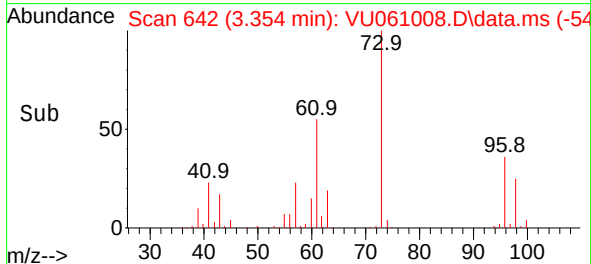
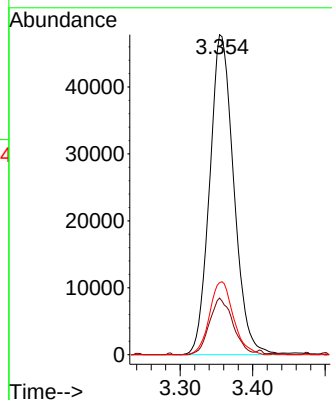
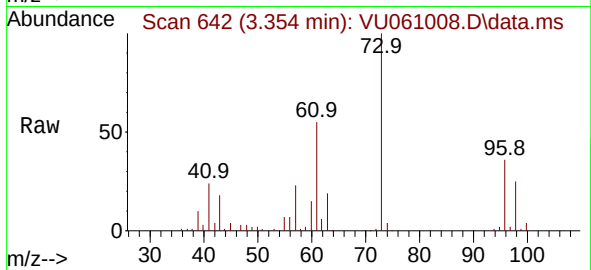




#17
Methyl tert-butyl Ether
Concen: 5.775 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU061008.D
Acq: 25 Sep 2024 16:45

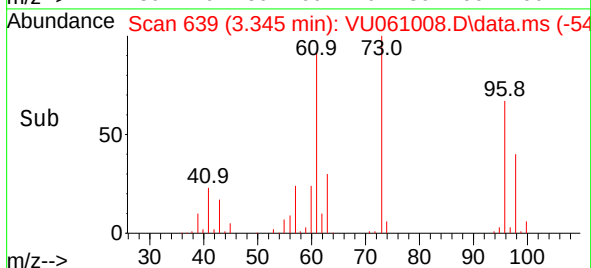
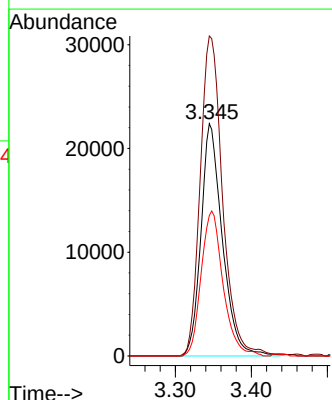
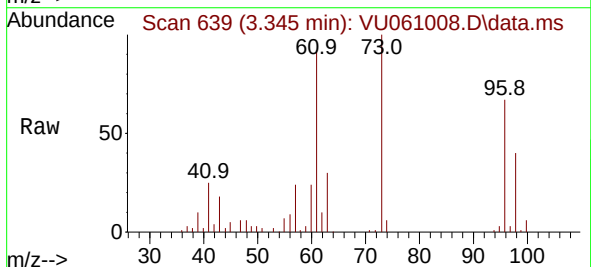
Instrument :
MSVOA_U
ClientSampleId :

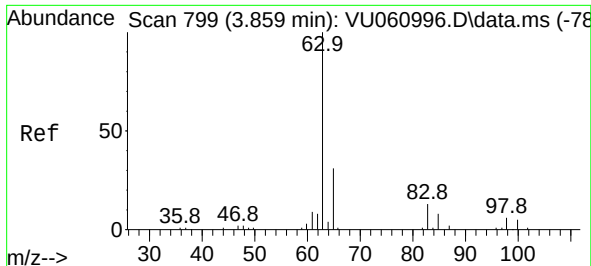
Tgt Ion: 73 Resp: 110610
Ion Ratio Lower Upper
73 100
43 17.2 13.8 20.8
57 22.5 18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 4.976 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU061008.D
Acq: 25 Sep 2024 16:45

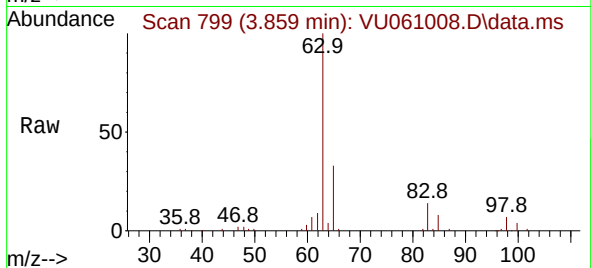
Tgt Ion: 96 Resp: 43699
Ion Ratio Lower Upper
96 100
61 137.8 97.2 180.6
98 60.4 43.3 80.5



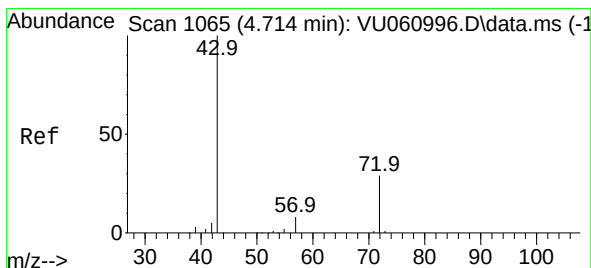
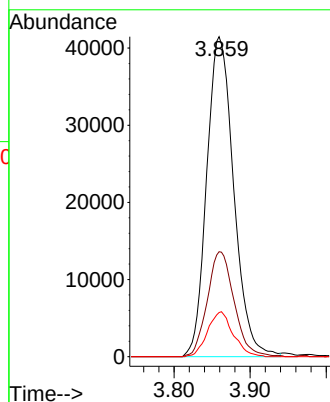
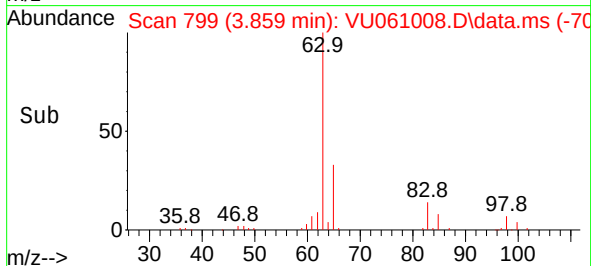


#19
1,1-Dichloroethane
Concen: 5.808 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU061008.D
Acq: 25 Sep 2024 16:45

Instrument :
MSVOA_U
ClientSampleId :

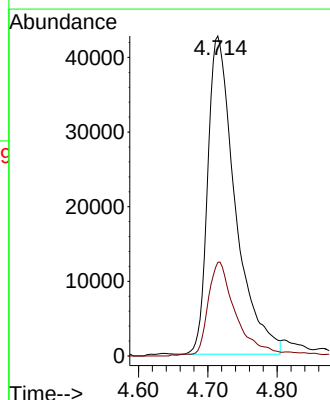
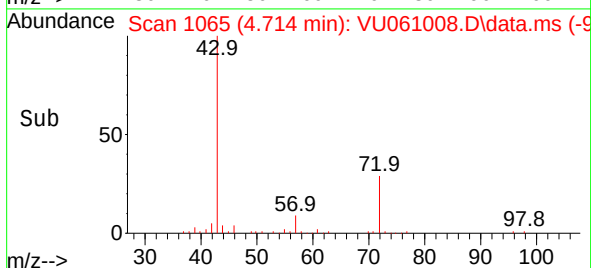
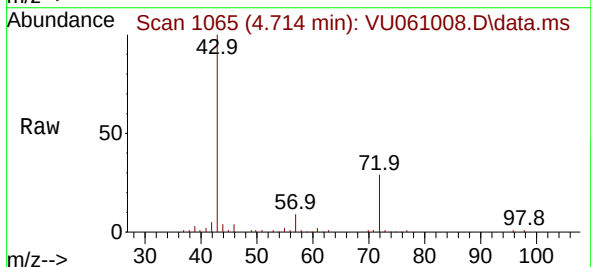


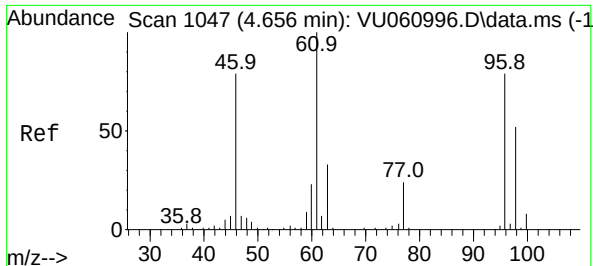
Tgt Ion: 63 Resp: 102406
Ion Ratio Lower Upper
63 100
65 32.8 23.0 42.8
83 13.8 9.0 16.6



#21
2-Butanone
Concen: 55.548 ug/L
RT: 4.714 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VU061008.D
Acq: 25 Sep 2024 16:45

Tgt Ion: 43 Resp: 117363
Ion Ratio Lower Upper
43 100
72 28.9 14.8 44.3

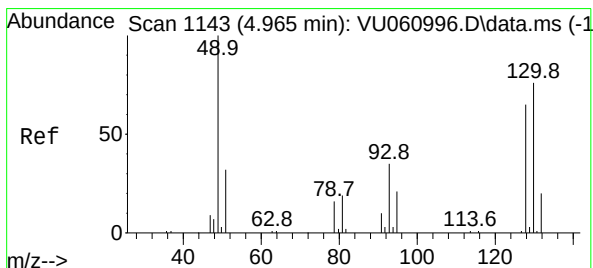
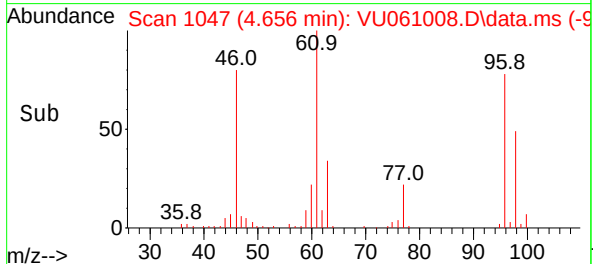
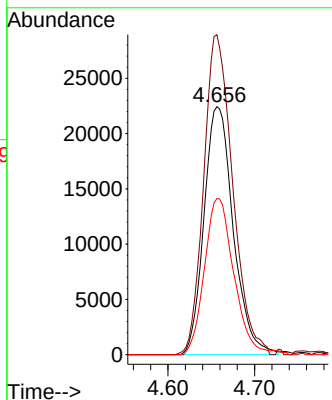
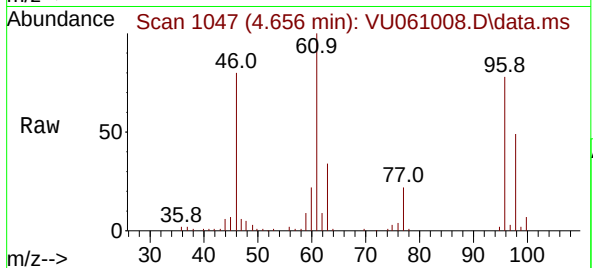




#22
 cis-1,2-Dichloroethene
 Concen: 5.420 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. -0.000 min
 Lab File: VU061008.D
 Acq: 25 Sep 2024 16:45

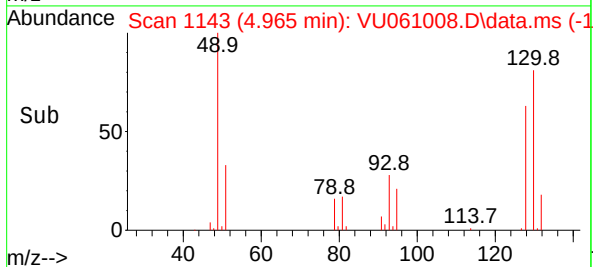
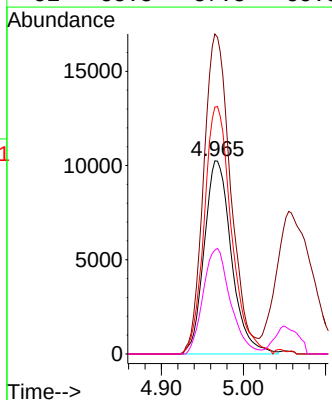
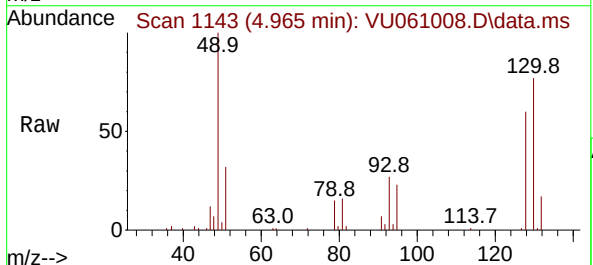
Instrument :
 MSVOA_U
 ClientSampleId :

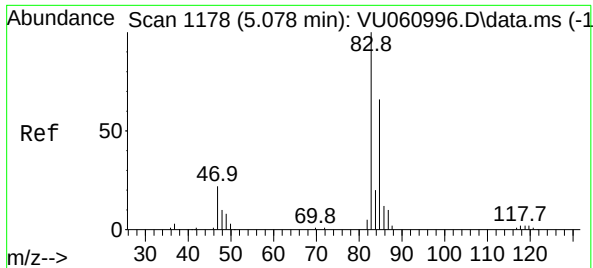
Tgt Ion: 96 Resp: 52680
 Ion Ratio Lower Upper
 96 100
 61 129.0 89.7 166.5
 98 63.0 45.1 83.9



#23
 Bromochloromethane
 Concen: 5.143 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. -0.000 min
 Lab File: VU061008.D
 Acq: 25 Sep 2024 16:45

Tgt Ion:128 Resp: 23610
 Ion Ratio Lower Upper
 128 100
 49 165.6 109.6 203.6
 130 127.8 87.8 163.0
 51 53.8 37.3 55.9





#25

Chloroform

Concen: 6.312 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VU061008.D

Acq: 25 Sep 2024 16:45

Instrument :

MSVOA_U

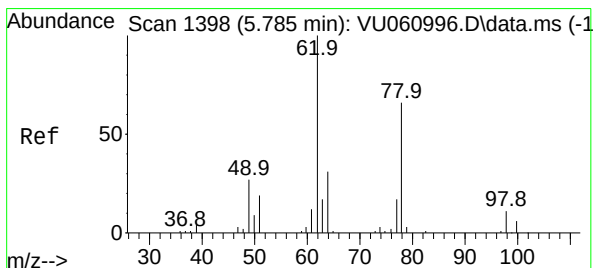
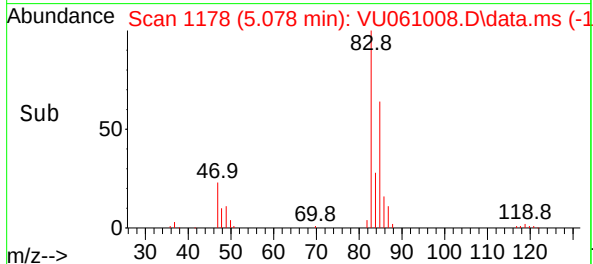
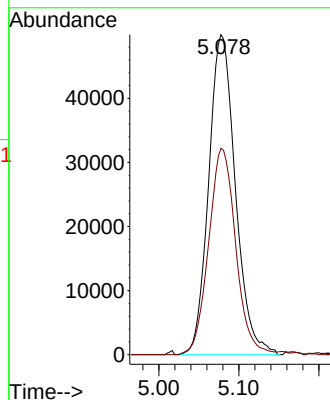
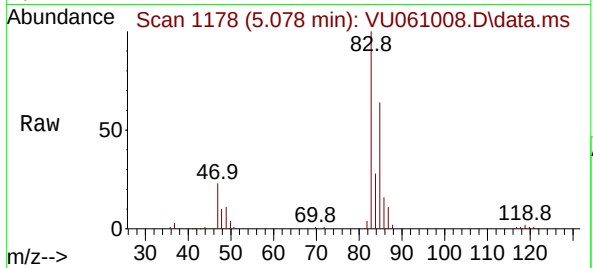
ClientSampleId :

Tgt Ion: 83 Resp: 116054

Ion Ratio Lower Upper

83 100

85 64.5 46.8 86.8



#27

1,2-Dichloroethane

Concen: 5.558 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VU061008.D

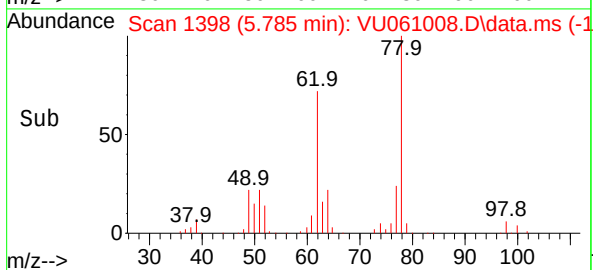
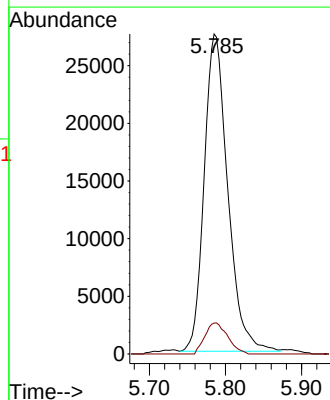
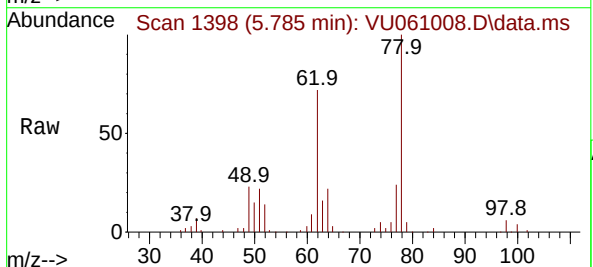
Acq: 25 Sep 2024 16:45

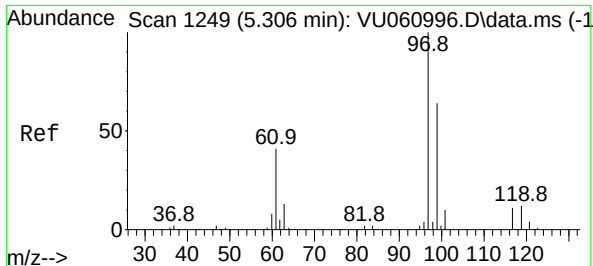
Tgt Ion: 62 Resp: 59216

Ion Ratio Lower Upper

62 100

98 9.6 8.2 12.4

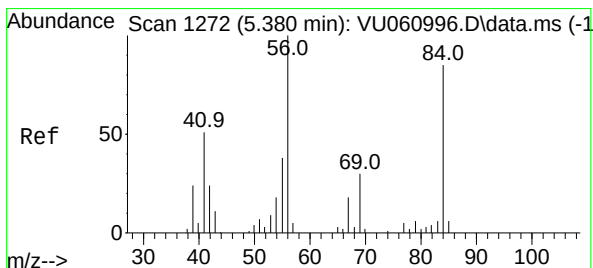
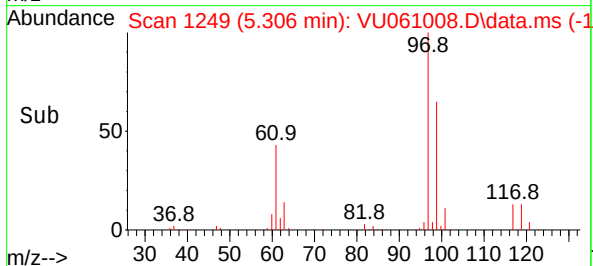
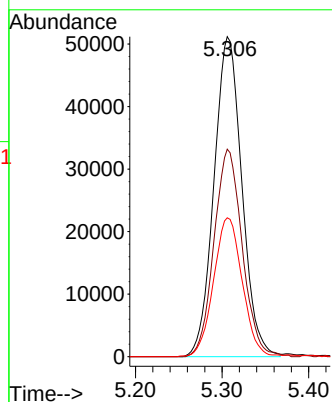
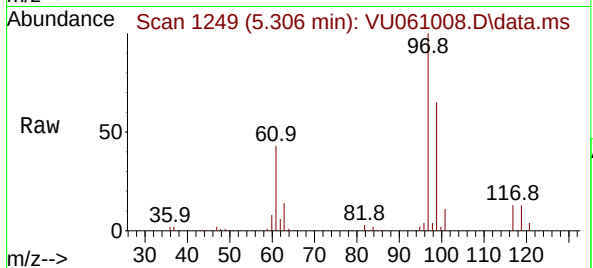




#29
1,1,1-Trichloroethane
Concen: 7.599 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU061008.D
Acq: 25 Sep 2024 16:45

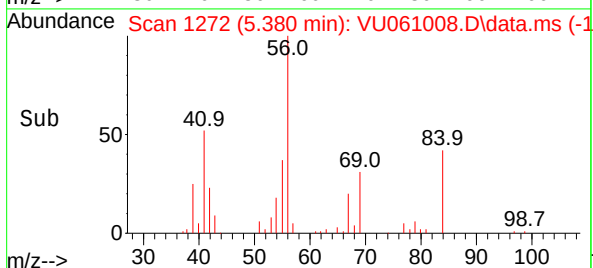
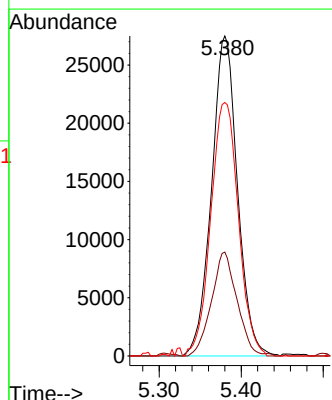
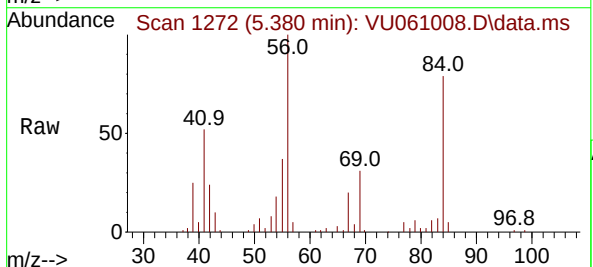
Instrument :
MSVOA_U
ClientSampleId :

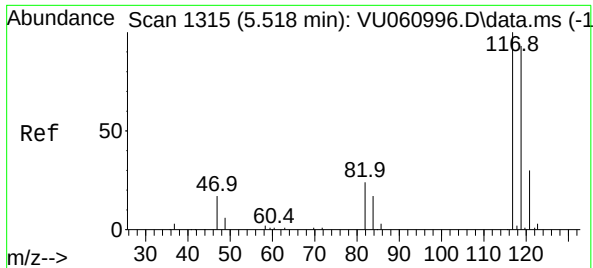
Tgt Ion: 97 Resp: 114586
Ion Ratio Lower Upper
97 100
99 65.6 50.5 75.7
61 44.6 34.4 51.6



#30
Cyclohexane
Concen: 4.885 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VU061008.D
Acq: 25 Sep 2024 16:45

Tgt Ion: 56 Resp: 60545
Ion Ratio Lower Upper
56 100
69 32.0 25.4 38.0
84 84.2 71.0 106.6

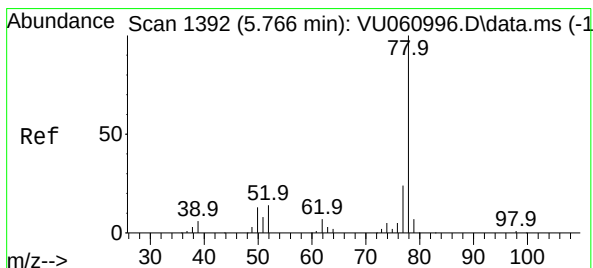
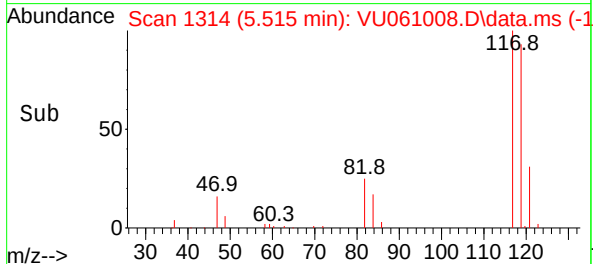
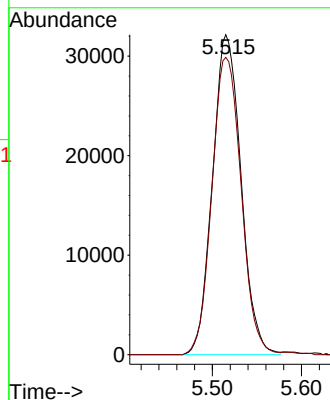
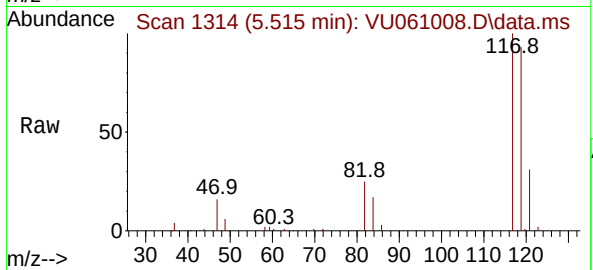




#31
Carbon tetrachloride
Concen: 5.352 ug/L
RT: 5.515 min Scan# 1315
Delta R.T. -0.003 min
Lab File: VU061008.D
Acq: 25 Sep 2024 16:45

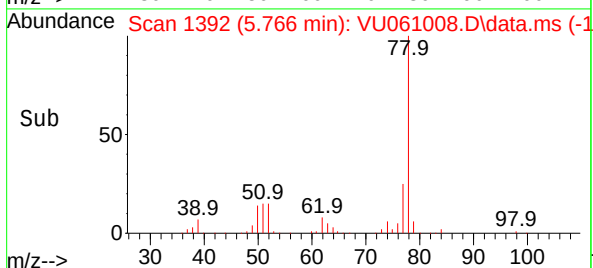
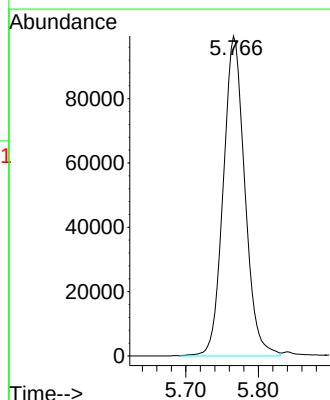
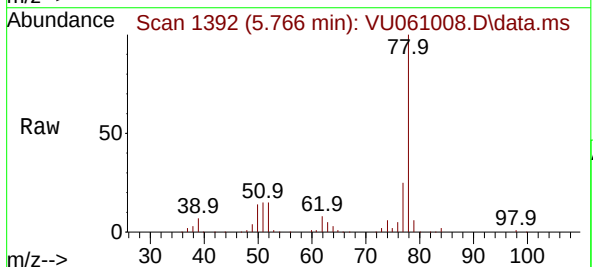
Instrument :
MSVOA_U
ClientSampleId :

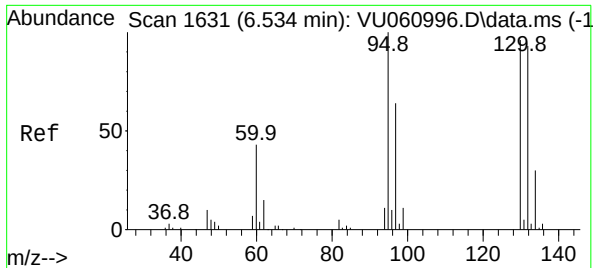
Tgt Ion:117 Resp: 71449
Ion Ratio Lower Upper
117 100
119 95.3 76.3 114.5



#33
Benzene
Concen: 5.342 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU061008.D
Acq: 25 Sep 2024 16:45

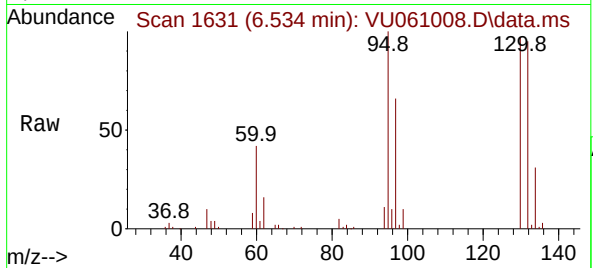
Tgt Ion: 78 Resp: 205168



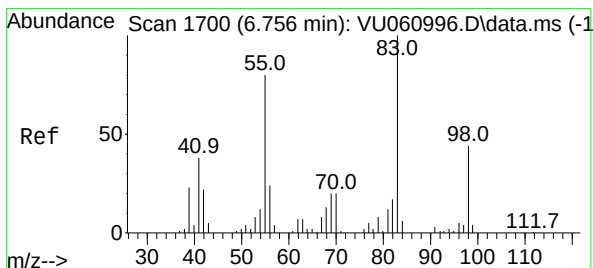
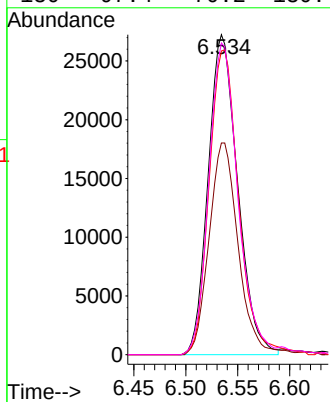
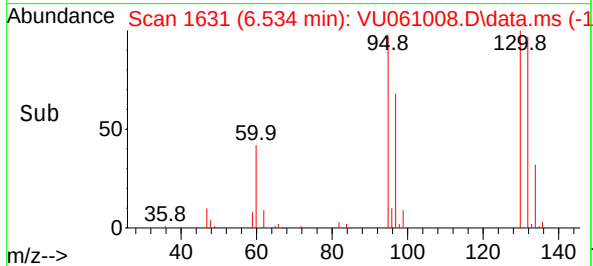


#34
Trichloroethene
Concen: 5.333 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU061008.D
Acq: 25 Sep 2024 16:45

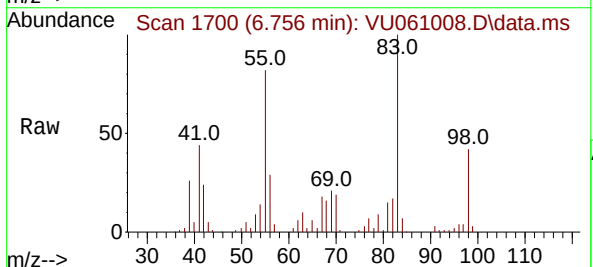
Instrument :
MSVOA_U
ClientSampleId :



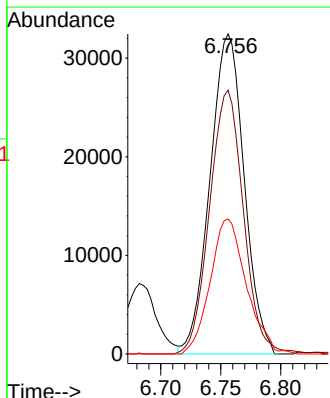
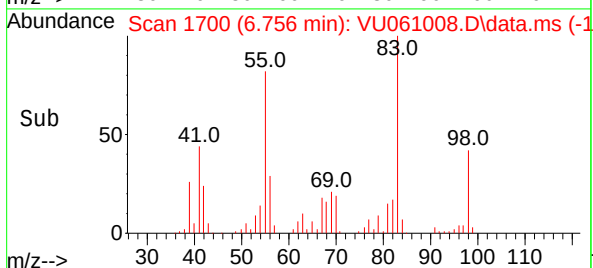
Tgt Ion: 95 Resp: 53697
Ion Ratio Lower Upper
95 100
97 66.1 44.9 83.5
132 94.9 63.5 117.9
130 97.4 70.2 130.4

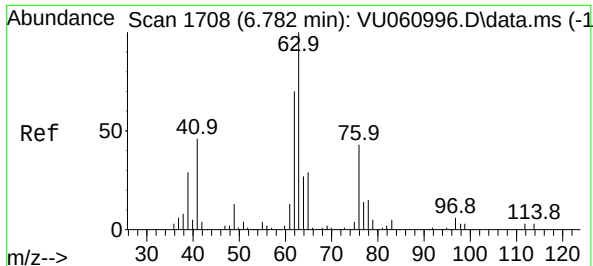


#35
Methylcyclohexane
Concen: 4.656 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU061008.D
Acq: 25 Sep 2024 16:45



Tgt Ion: 83 Resp: 64318
Ion Ratio Lower Upper
83 100
55 81.7 62.6 94.0
98 44.6 37.6 56.4

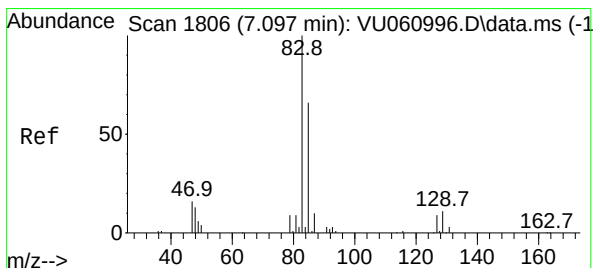
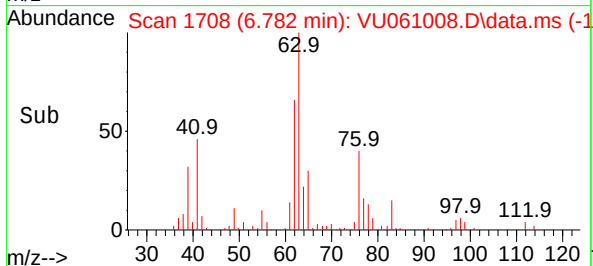
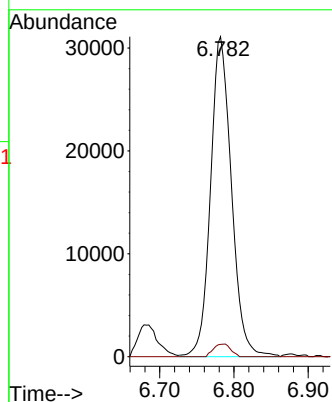
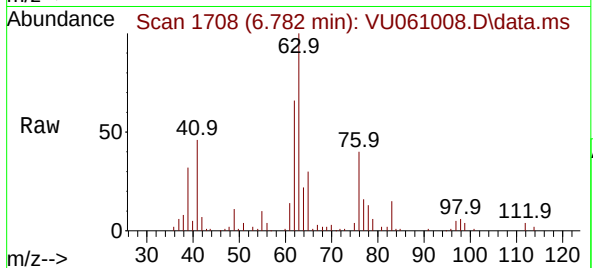




#37
1,2-Dichloropropane
Concen: 5.743 ug/L
RT: 6.782 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU061008.D
Acq: 25 Sep 2024 16:45

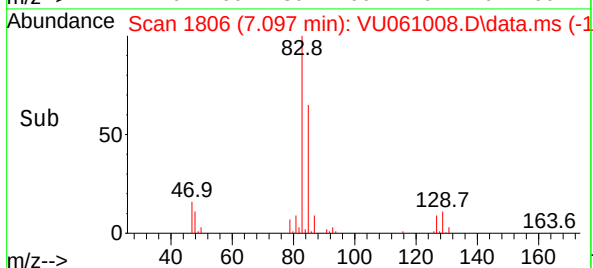
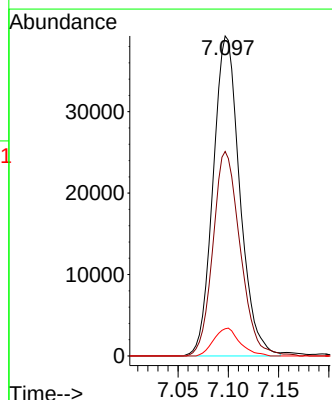
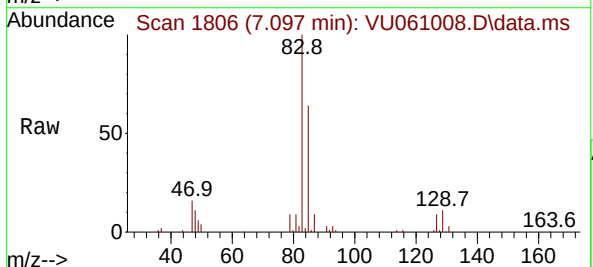
Instrument :
MSVOA_U
ClientSampleId :

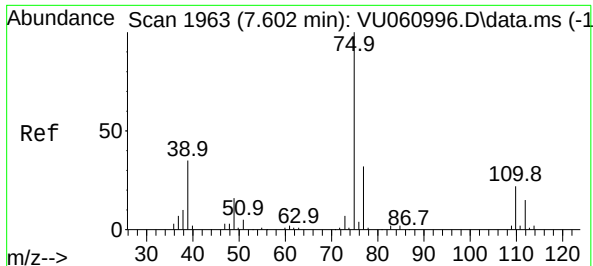
Tgt Ion: 63 Resp: 60779
Ion Ratio Lower Upper
63 100
112 3.2 2.0 3.0#



#38
Bromodichloromethane
Concen: 5.585 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU061008.D
Acq: 25 Sep 2024 16:45

Tgt Ion: 83 Resp: 72506
Ion Ratio Lower Upper
83 100
85 63.9 45.6 84.8
127 8.5 7.0 10.6

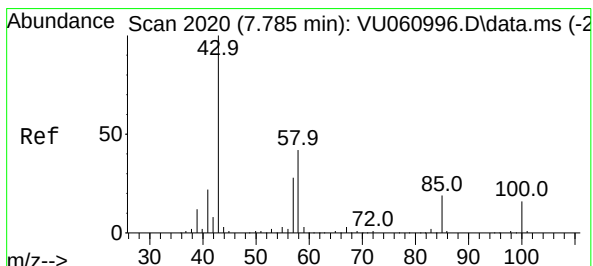
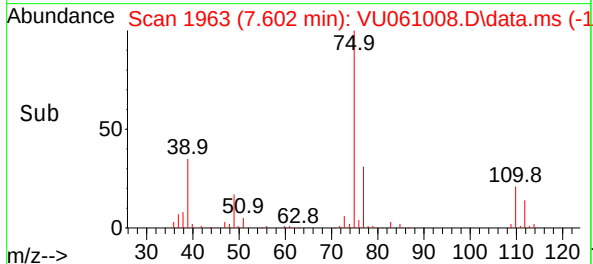
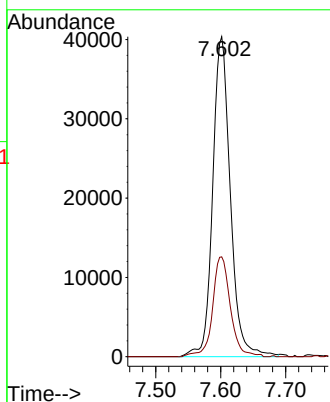
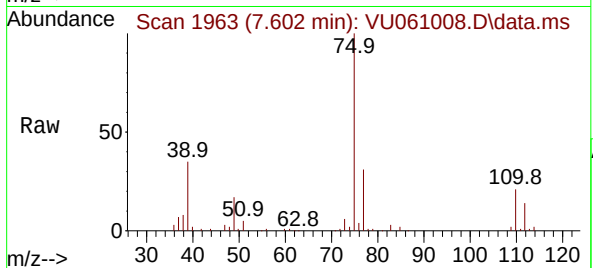




#39
 cis-1,3-Dichloropropene
 Concen: 5.404 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. -0.000 min
 Lab File: VU061008.D
 Acq: 25 Sep 2024 16:45

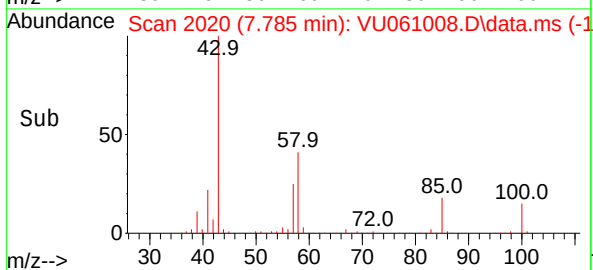
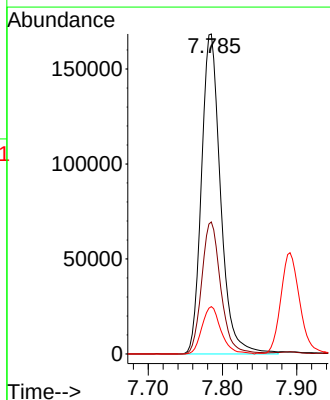
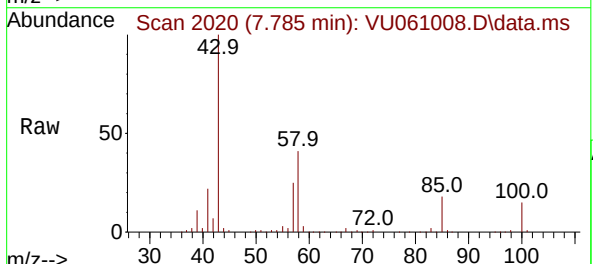
Instrument :
 MSVOA_U
 ClientSampleId :

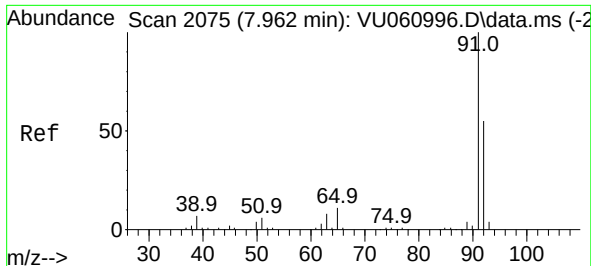
Tgt Ion: 75 Resp: 76068
 Ion Ratio Lower Upper
 75 100
 77 31.2 21.3 39.5



#40
 4-Methyl-2-pentanone
 Concen: 60.866 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. -0.000 min
 Lab File: VU061008.D
 Acq: 25 Sep 2024 16:45

Tgt Ion: 43 Resp: 300795
 Ion Ratio Lower Upper
 43 100
 58 41.4 34.9 52.3
 100 14.7 13.4 20.0





#42

Toluene

Concen: 5.364 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU061008.D

Acq: 25 Sep 2024 16:45

Instrument :

MSVOA_U

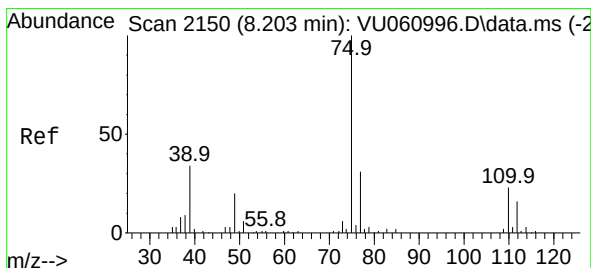
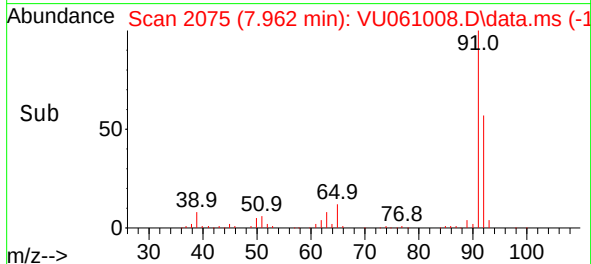
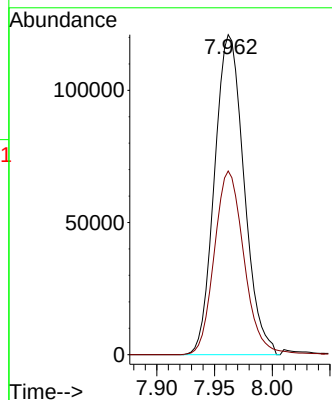
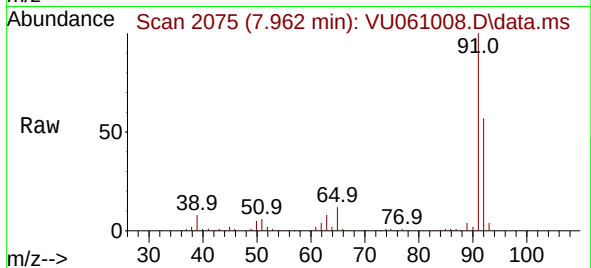
ClientSampleId :

Tgt Ion: 91 Resp: 215398

Ion Ratio Lower Upper

91 100

92 57.4 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 5.653 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU061008.D

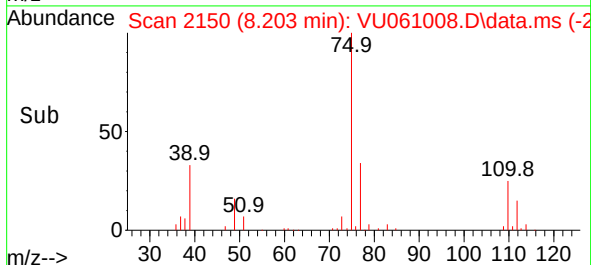
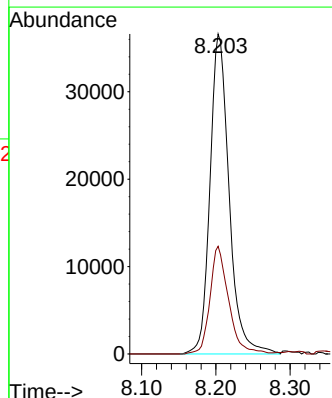
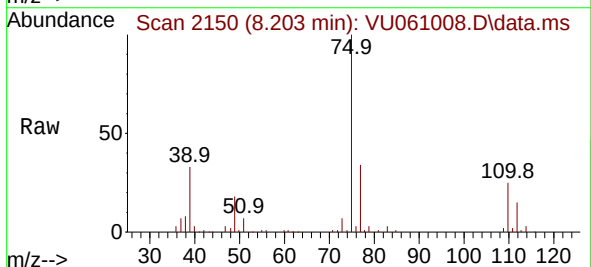
Acq: 25 Sep 2024 16:45

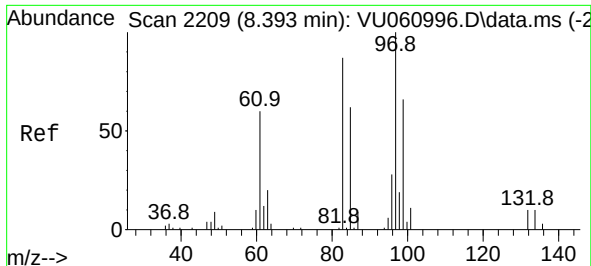
Tgt Ion: 75 Resp: 65428

Ion Ratio Lower Upper

75 100

77 33.6 23.1 42.9

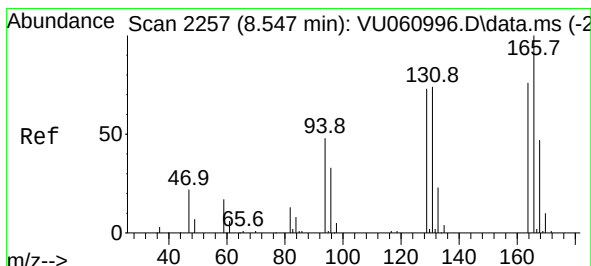
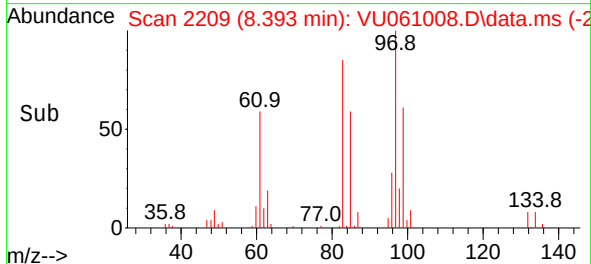
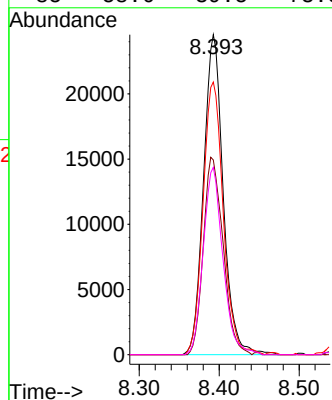
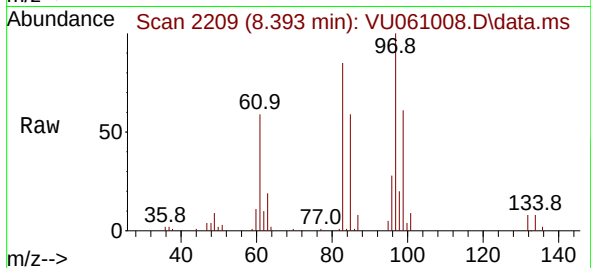




#45
1,1,2-Trichloroethane
Concen: 5.491 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VU061008.D
Acq: 25 Sep 2024 16:45

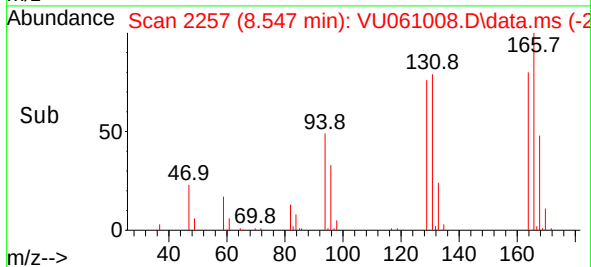
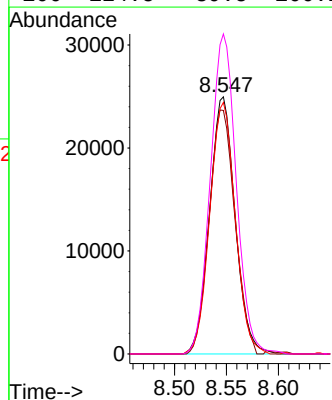
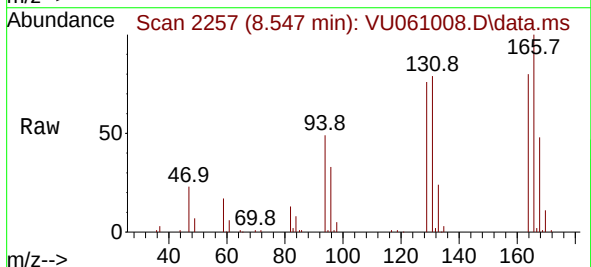
Instrument :
MSVOA_U
ClientSampleId :

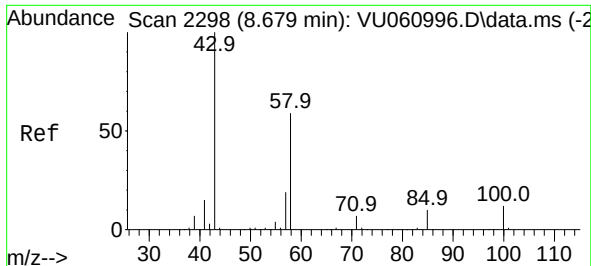
Tgt Ion: 97	Resp: 41955
Ion Ratio	Lower Upper
97 100	
99 60.9	42.3 78.5
83 85.2	61.7 114.5
85 58.6	39.5 73.3



#47
Tetrachloroethene
Concen: 5.336 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU061008.D
Acq: 25 Sep 2024 16:45

Tgt	Ion:164	Resp:	42691
Ion	Ratio	Lower	Upper
164	100		
129	94.7	67.3	124.9
131	97.9	65.4	121.4
166	124.5	89.5	166.1





#48

2-Hexanone

Concen: 62.342 ug/L

RT: 8.679 min Scan# 2298

Delta R.T. -0.000 min

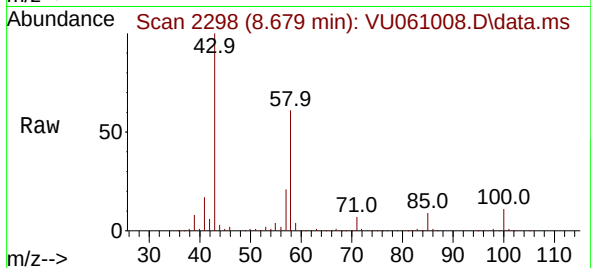
Lab File: VU061008.D

Acq: 25 Sep 2024 16:45

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 224568

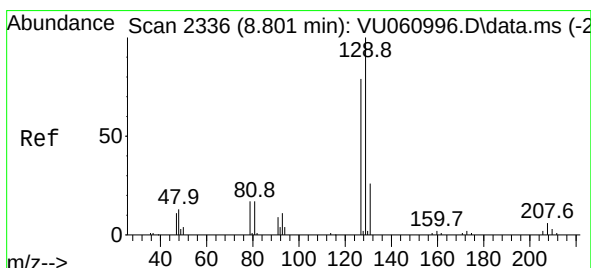
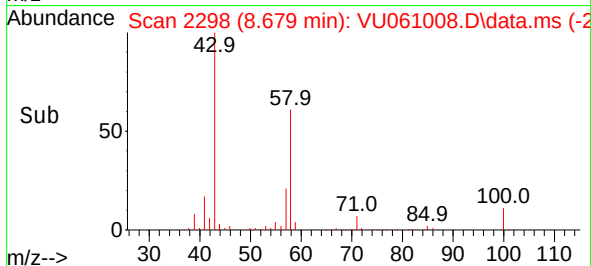
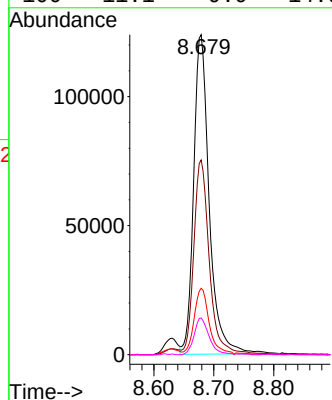
Ion Ratio Lower Upper

43 100

58 61.0 48.3 72.5

57 20.2 15.9 23.9

100 11.1 9.9 14.9



#49

Dibromochloromethane

Concen: 5.285 ug/L

RT: 8.801 min Scan# 2336

Delta R.T. -0.000 min

Lab File: VU061008.D

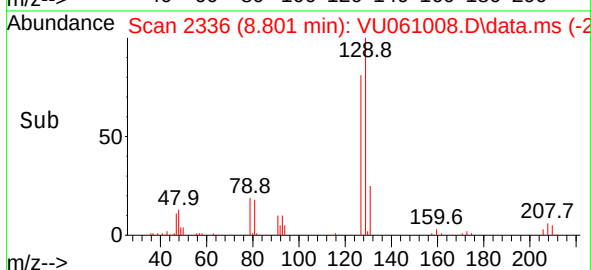
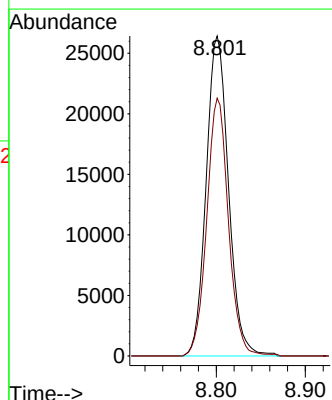
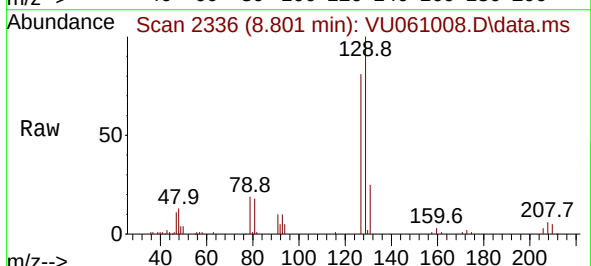
Acq: 25 Sep 2024 16:45

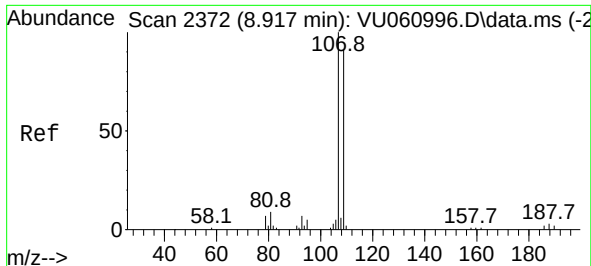
Tgt Ion: 129 Resp: 45971

Ion Ratio Lower Upper

129 100

127 80.6 56.1 104.1

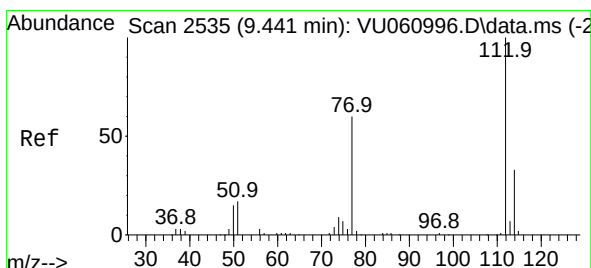
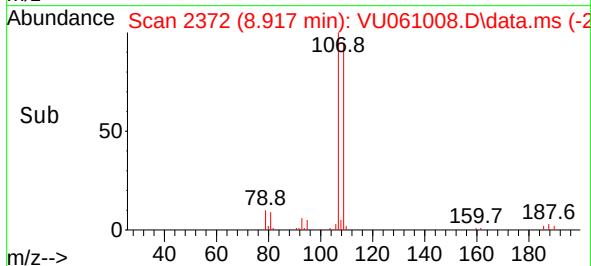
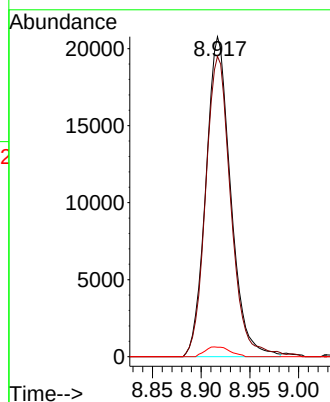
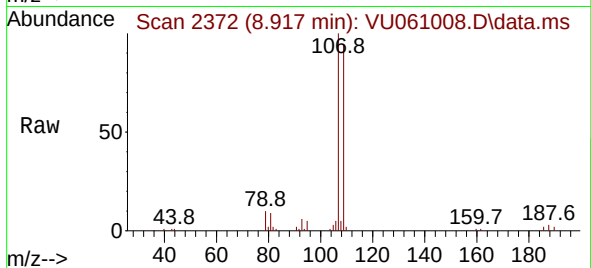




#50
1,2-Dibromoethane
Concen: 5.399 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. -0.000 min
Lab File: VU061008.D
Acq: 25 Sep 2024 16:45

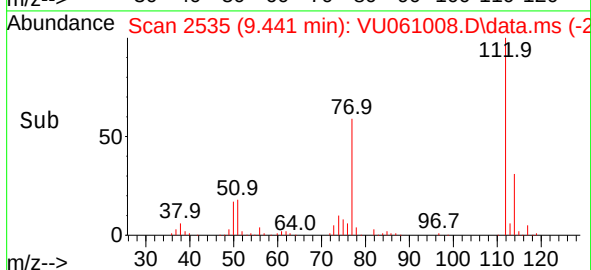
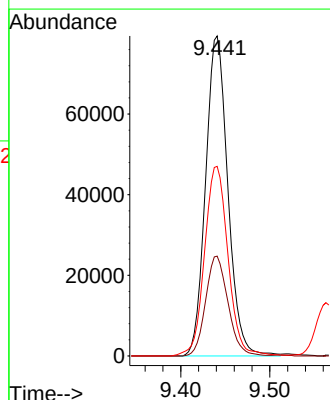
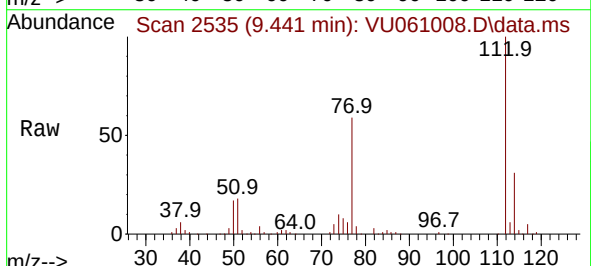
Instrument :
MSVOA_U
ClientSampleId :

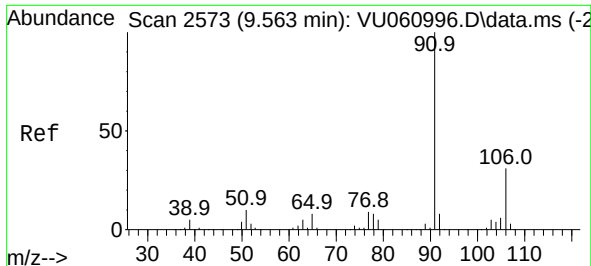
Tgt Ion:107 Resp: 36813
Ion Ratio Lower Upper
107 100
109 93.8 66.8 124.0
188 3.0 3.4 5.0#



#51
Chlorobenzene
Concen: 5.110 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU061008.D
Acq: 25 Sep 2024 16:45

Tgt Ion:112 Resp: 137803
Ion Ratio Lower Upper
112 100
114 31.2 22.2 41.2
77 59.3 46.1 69.1





#52

Ethylbenzene

Concen: 5.157 ug/L

RT: 9.563 min Scan# 2573

Delta R.T. -0.000 min

Lab File: VU061008.D

Acq: 25 Sep 2024 16:45

Instrument :

MSVOA_U

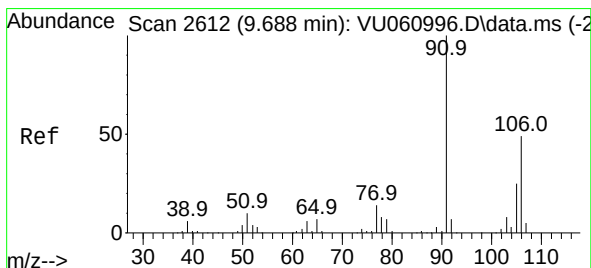
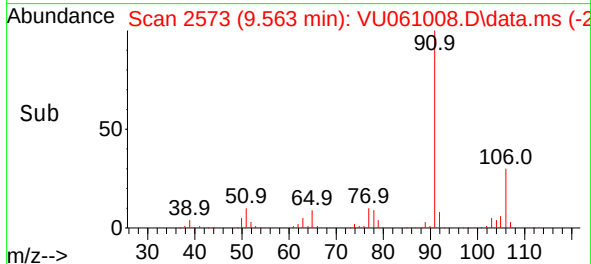
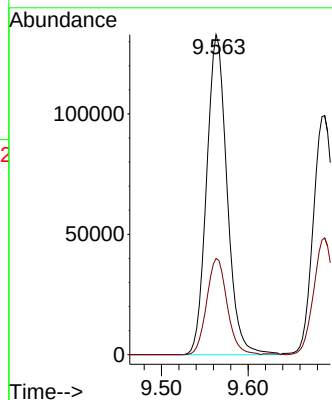
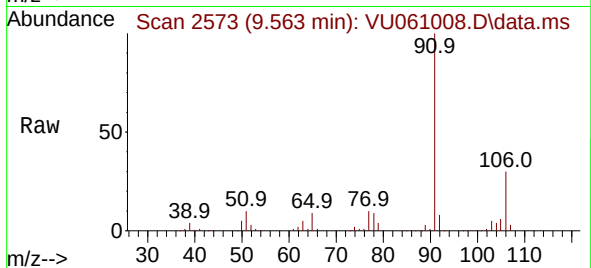
ClientSampleId :

Tgt Ion: 91 Resp: 218005

Ion Ratio Lower Upper

91 100

106 30.0 21.8 40.6



#53

m,p-Xylene

Concen: 5.201 ug/L

RT: 9.688 min Scan# 2612

Delta R.T. -0.000 min

Lab File: VU061008.D

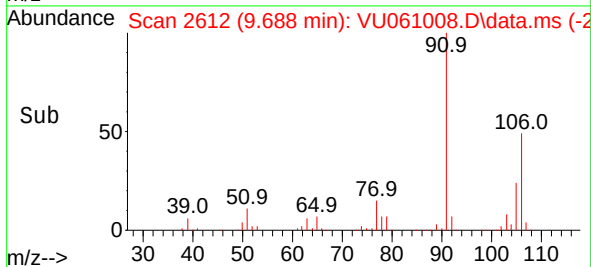
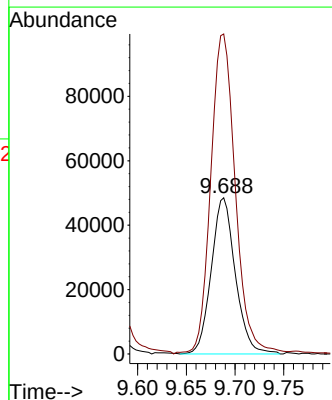
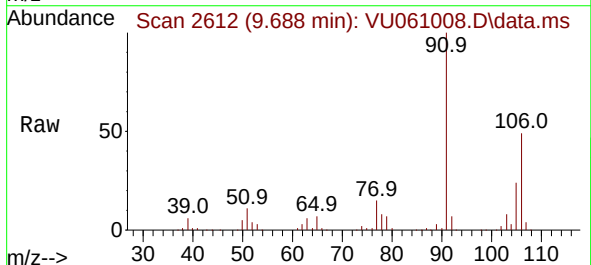
Acq: 25 Sep 2024 16:45

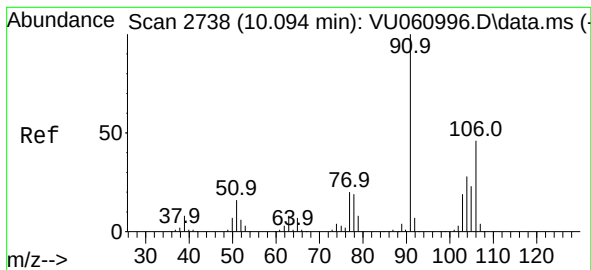
Tgt Ion:106 Resp: 83367

Ion Ratio Lower Upper

106 100

91 204.9 139.7 259.4





#54

o-Xylene

Concen: 4.999 ug/L

RT: 10.094 min Scan# 2738

Delta R.T. -0.000 min

Lab File: VU061008.D

Acq: 25 Sep 2024 16:45

Instrument :

MSVOA_U

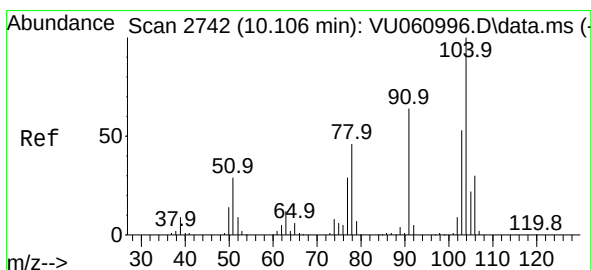
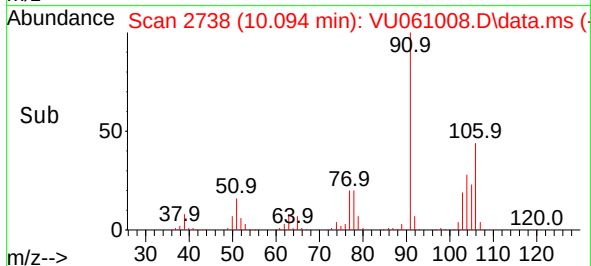
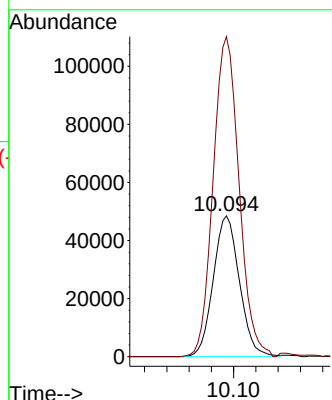
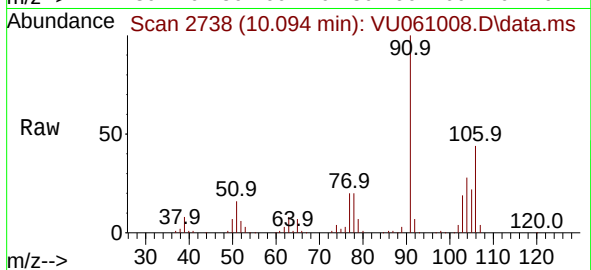
ClientSampleId :

Tgt Ion:106 Resp: 79082

Ion Ratio Lower Upper

106 100

91 227.2 148.6 276.0



#55

Styrene

Concen: 5.218 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. 0.003 min

Lab File: VU061008.D

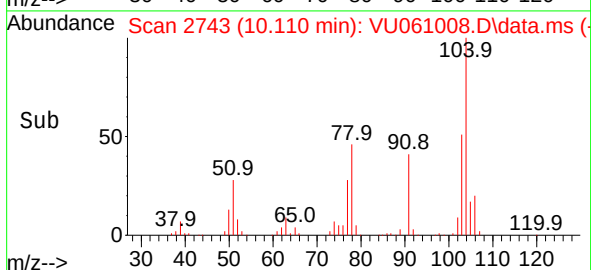
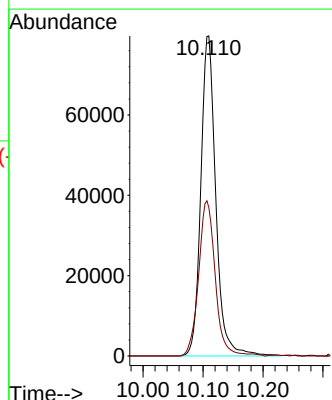
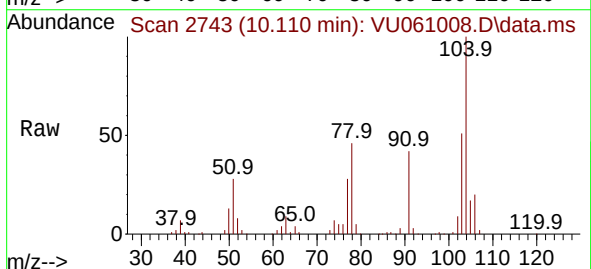
Acq: 25 Sep 2024 16:45

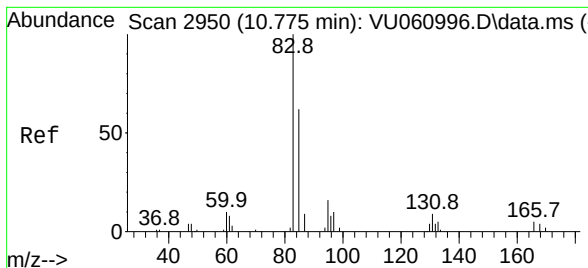
Tgt Ion:104 Resp: 139112

Ion Ratio Lower Upper

104 100

78 46.4 31.7 58.9

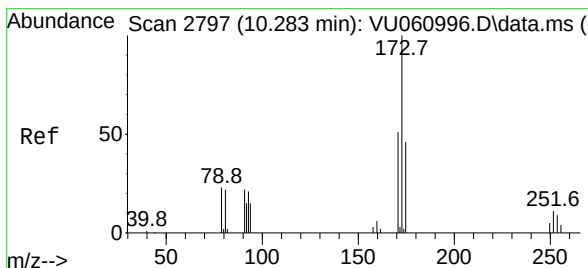
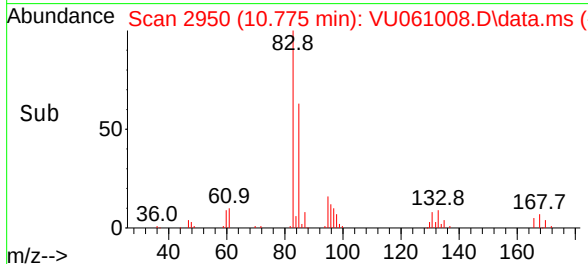
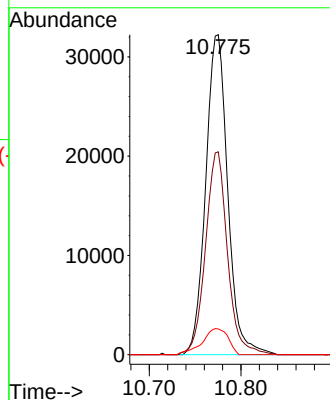
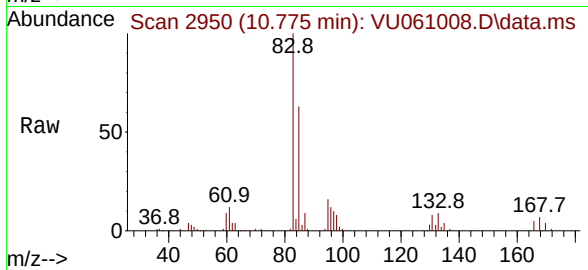




#57
1,1,2,2-Tetrachloroethane
Concen: 5.646 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU061008.D
Acq: 25 Sep 2024 16:45

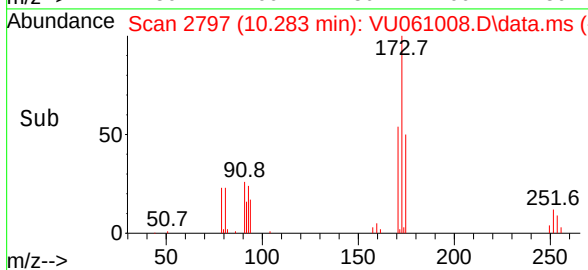
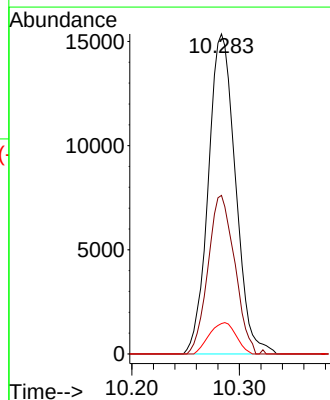
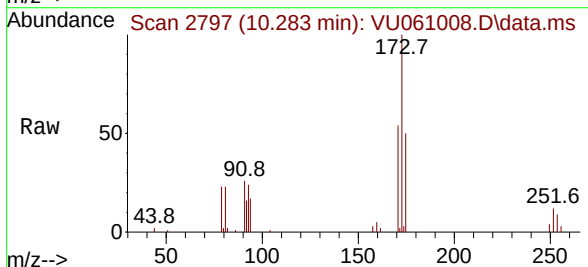
Instrument :
MSVOA_U
ClientSampleId :

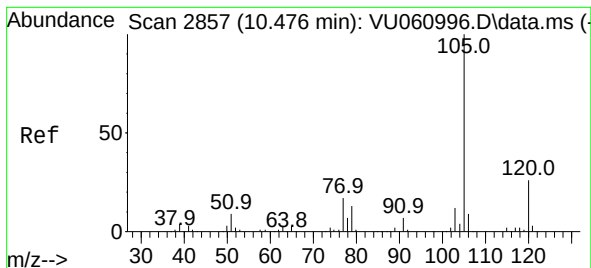
Tgt Ion: 83 Resp: 53800
Ion Ratio Lower Upper
83 100
85 63.4 42.9 79.7
131 8.1 8.4 12.6#



#59
Bromoform
Concen: 5.257 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. -0.000 min
Lab File: VU061008.D
Acq: 25 Sep 2024 16:45

Tgt Ion:173 Resp: 26944
Ion Ratio Lower Upper
173 100
175 48.5 39.1 58.7
254 9.6 8.7 13.1





#60

Isopropylbenzene

Concen: 5.329 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. -0.000 min

Lab File: VU061008.D

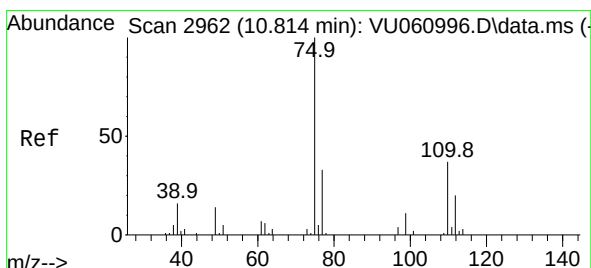
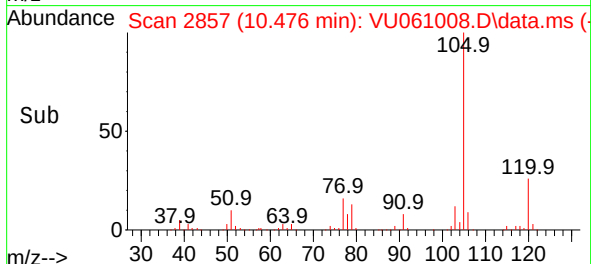
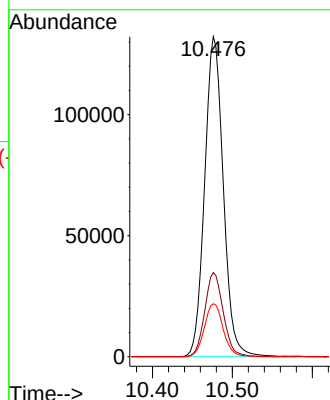
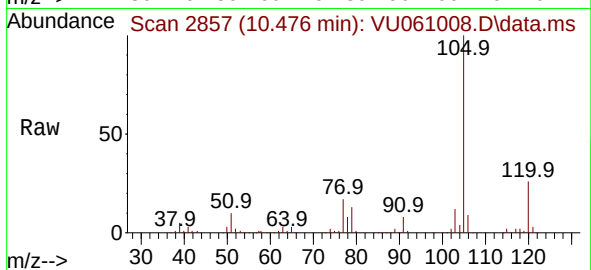
Acq: 25 Sep 2024 16:45

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:105	Resp:	214775
Ion Ratio	Lower	Upper
105	100	
120	26.0	21.5 32.3
77	16.7	12.6 18.8



#61

1,2,3-Trichloropropane

Concen: 5.771 ug/L

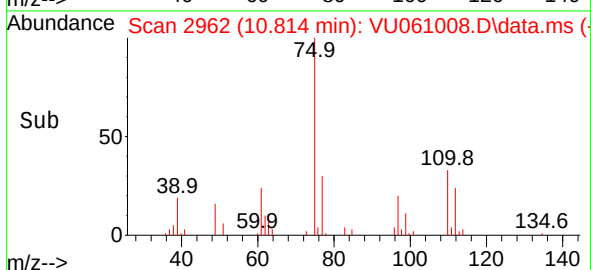
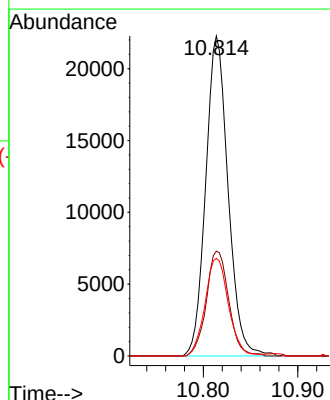
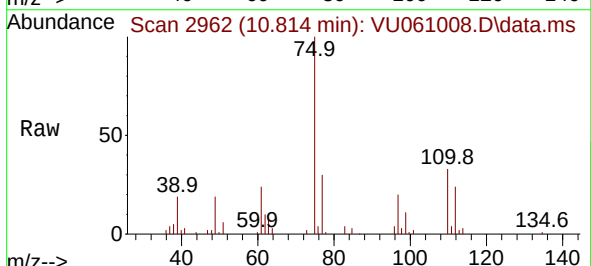
RT: 10.814 min Scan# 2962

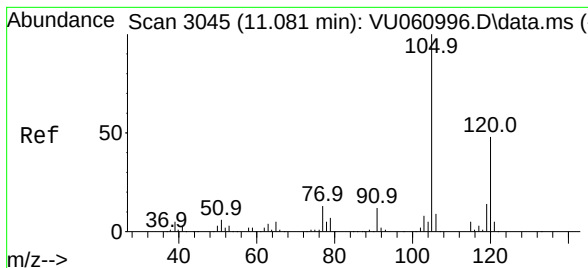
Delta R.T. -0.000 min

Lab File: VU061008.D

Acq: 25 Sep 2024 16:45

Tgt Ion: 75	Resp:	36607
Ion Ratio	Lower	Upper
75	100	
110	32.8	28.6 43.0
77	31.9	26.3 39.5





#62

1,3,5-Trimethylbenzene

Concen: 5.154 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. -0.000 min

Lab File: VU061008.D

Acq: 25 Sep 2024 16:45

Instrument :

MSVOA_U

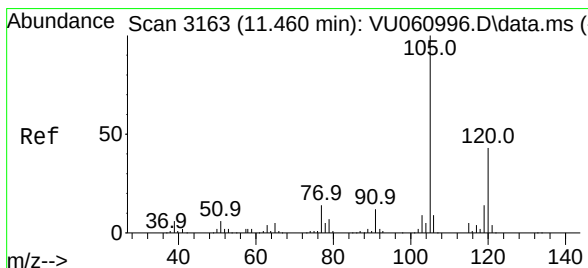
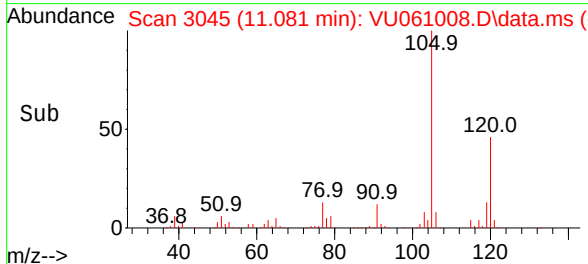
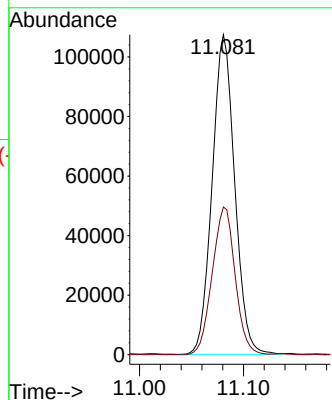
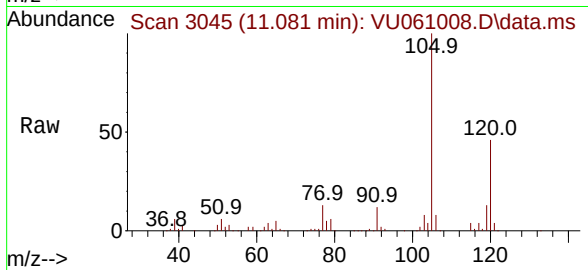
ClientSampleId :

Tgt Ion:105 Resp: 161456

Ion Ratio Lower Upper

105 100

120 47.0 38.5 57.7



#63

1,2,4-Trimethylbenzene

Concen: 5.252 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.000 min

Lab File: VU061008.D

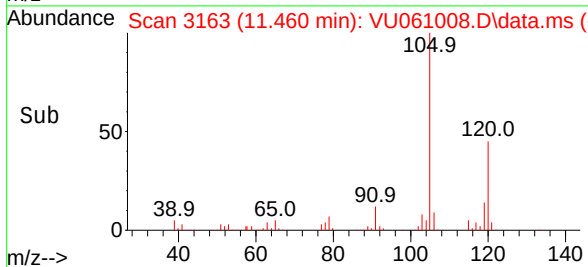
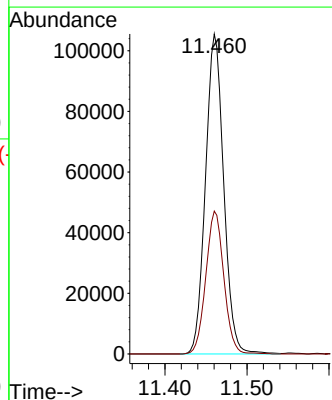
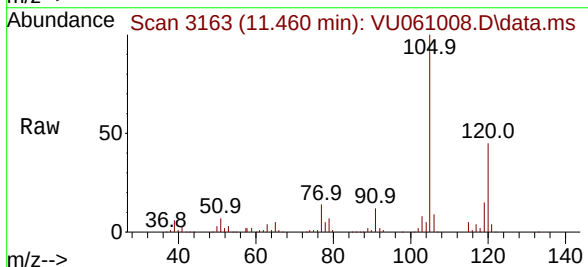
Acq: 25 Sep 2024 16:45

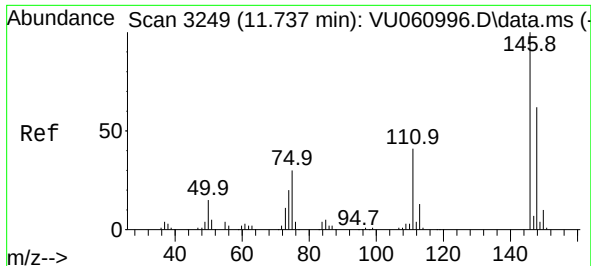
Tgt Ion:105 Resp: 162541

Ion Ratio Lower Upper

105 100

120 44.2 36.1 54.1





#64

1,3-Dichlorobenzene

Concen: 5.238 ug/L

RT: 11.740 min Scan# 3249

Delta R.T. 0.003 min

Lab File: VU061008.D

Acq: 25 Sep 2024 16:45

Instrument :

MSVOA_U

ClientSampleId :

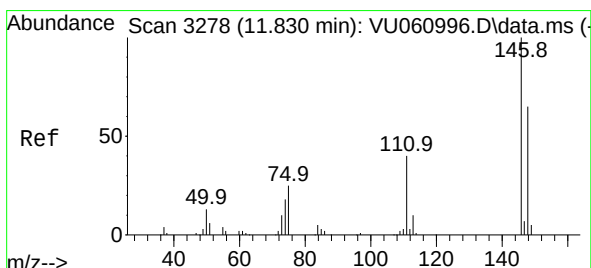
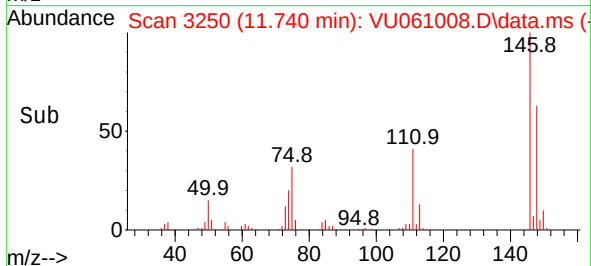
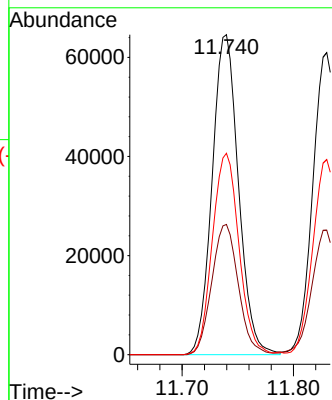
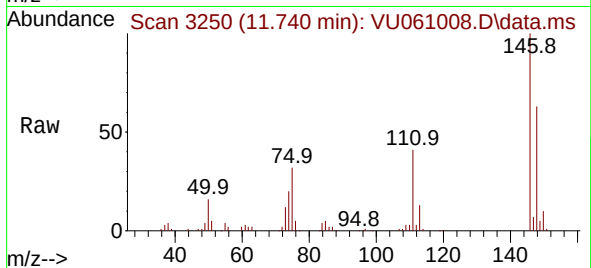
Tgt Ion:146 Resp: 106146

Ion Ratio Lower Upper

146 100

111 40.7 27.5 51.1

148 62.9 43.7 81.1



#65

1,4-Dichlorobenzene

Concen: 4.904 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. -0.000 min

Lab File: VU061008.D

Acq: 25 Sep 2024 16:45

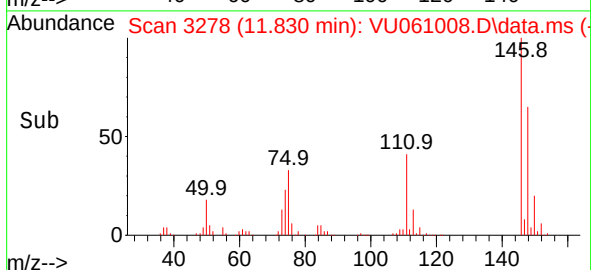
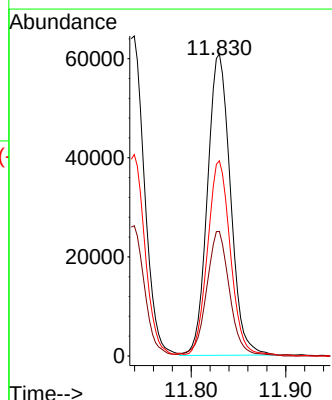
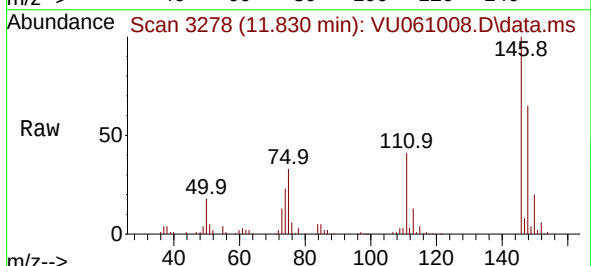
Tgt Ion:146 Resp: 102727

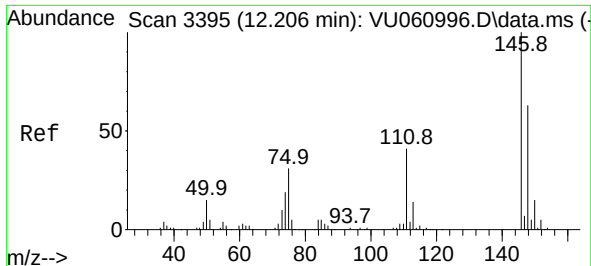
Ion Ratio Lower Upper

146 100

111 41.2 26.3 48.9

148 64.6 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 5.095 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

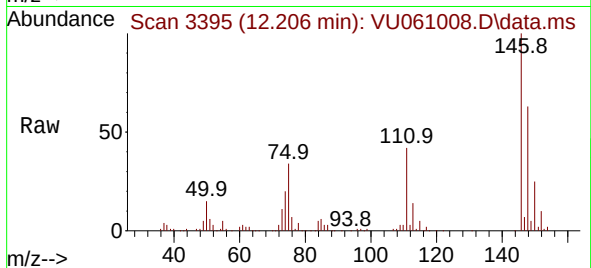
Lab File: VU061008.D

Acq: 25 Sep 2024 16:45

Instrument :

MSVOA_U

ClientSampleId :



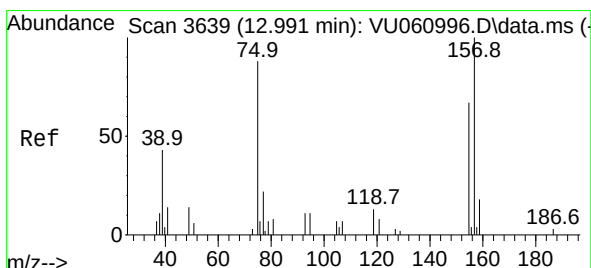
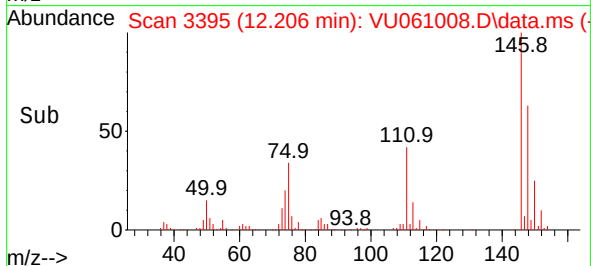
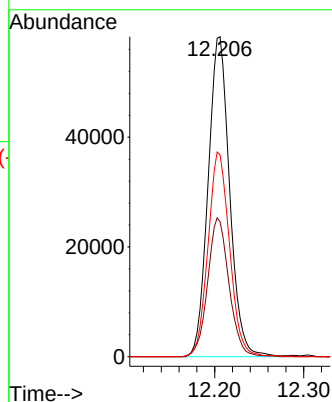
Tgt Ion:146 Resp: 97631

Ion Ratio Lower Upper

146 100

111 42.2 33.4 50.0

148 63.1 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 6.122 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.003 min

Lab File: VU061008.D

Acq: 25 Sep 2024 16:45

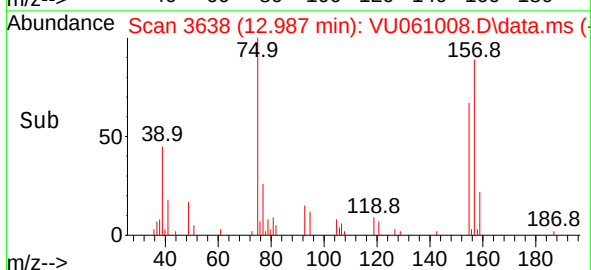
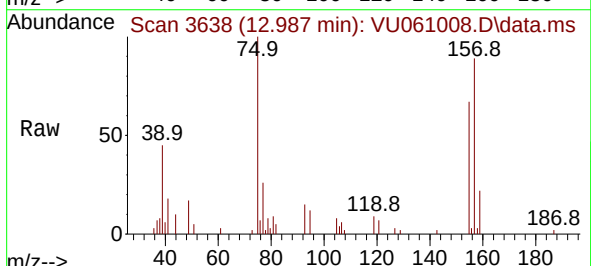
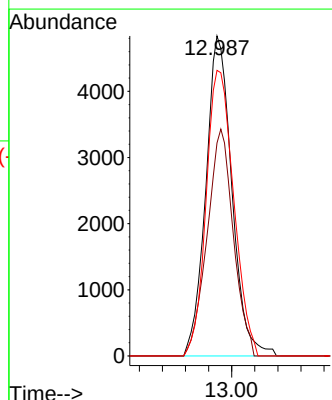
Tgt Ion: 75 Resp: 7583

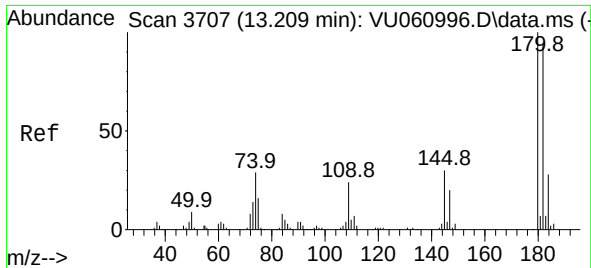
Ion Ratio Lower Upper

75 100

155 66.5 73.1 109.7#

157 89.3 91.0 136.4#





#69

1,3,5-Trichlorobenzene

Concen: 4.686 ug/L

RT: 13.212 min Scan# 31

Delta R.T. 0.003 min

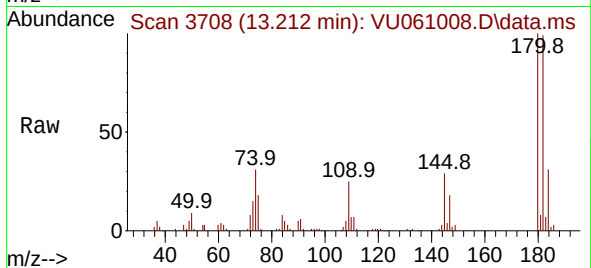
Lab File: VU061008.D

Acq: 25 Sep 2024 16:45

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 71032

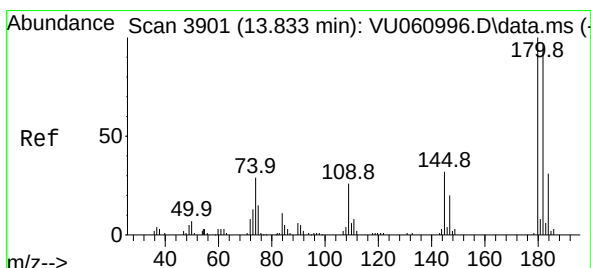
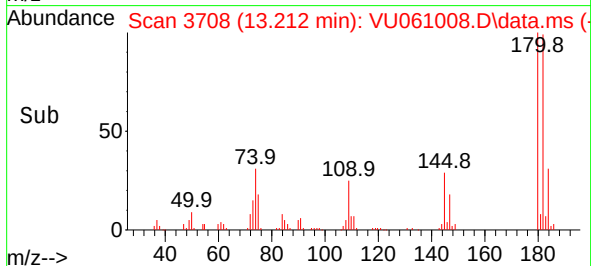
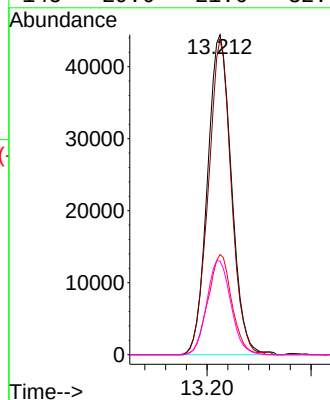
Ion Ratio Lower Upper

180 100

182 94.5 74.5 111.7

184 31.3 23.2 34.8

145 29.6 21.6 32.4



#70

1,2,4-trichlorobenzene

Concen: 4.895 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU061008.D

Acq: 25 Sep 2024 16:45

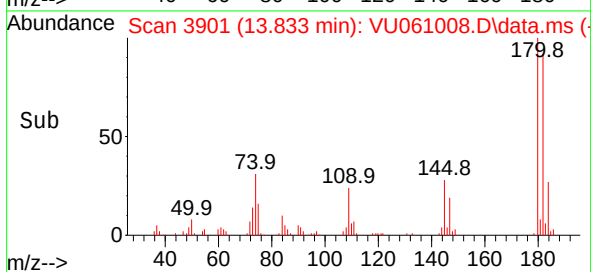
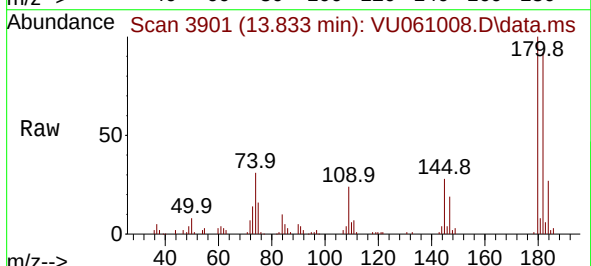
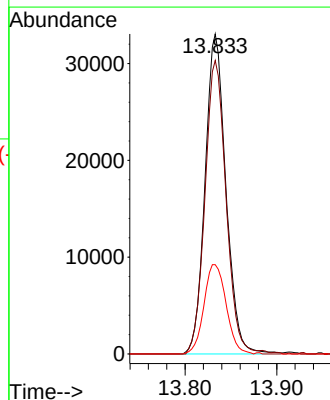
Tgt Ion:180 Resp: 52274

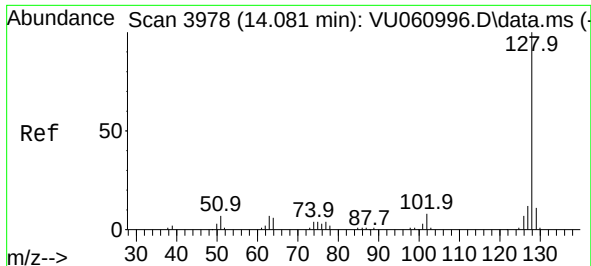
Ion Ratio Lower Upper

180 100

182 92.8 77.4 116.2

145 29.6 22.9 34.3

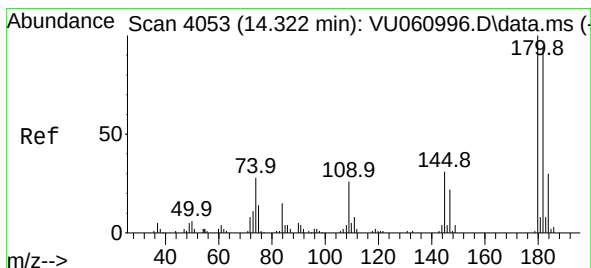
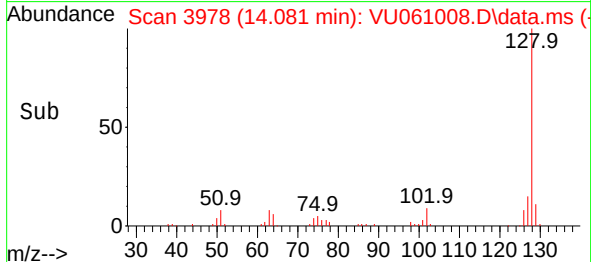
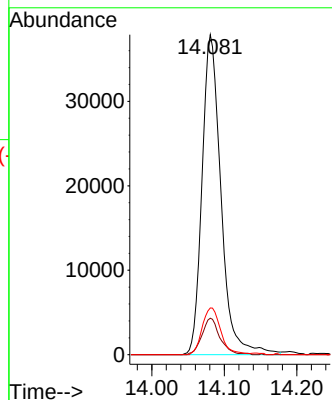
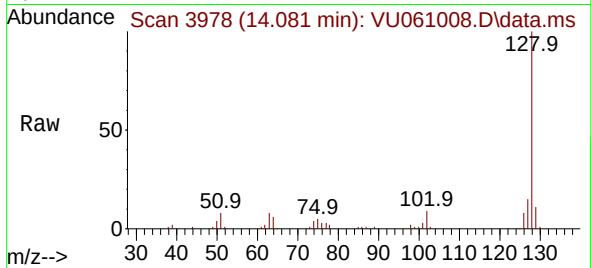




#71
Naphthalene
Concen: 4.886 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU061008.D
Acq: 25 Sep 2024 16:45

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 68818
Ion Ratio Lower Upper
128 100
129 10.7 8.3 12.5
127 14.4 10.7 16.1



#72
1,2,3-Trichlorobenzene
Concen: 5.168 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU061008.D
Acq: 25 Sep 2024 16:45

Tgt Ion:180 Resp: 47673
Ion Ratio Lower Upper
180 100
182 90.6 75.7 113.5
145 30.2 23.5 35.3

