

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111824\
 Data File : VU061803.D
 Acq On : 18 Nov 2024 10:31
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 19 00:11:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 18 04:15:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	201309	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	190185	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	94942	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	61674	4.742	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.800%
7) Chloroethane-d5	1.904	69	55887	5.033	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.600%
11) 1,1-Dichloroethene-d2	2.560	65	25893	4.437	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.800%
20) 2-Butanone-d5	4.618	46	131134	47.500	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.000%
24) Chloroform-d	5.052	84	127727	4.940	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
26) 1,2-Dichloroethane-d4	5.692	65	60568	4.882	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	5.717	84	252900	4.807	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
36) 1,2-Dichloropropane-d6	6.682	67	76098	4.904	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.000%
41) Toluene-d8	7.891	98	238544	4.864	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
43) trans-1,3-Dichloroprop...	8.174	79	28664	5.015	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.200%
46) 2-Hexanone-d5	8.624	63	101403	44.894	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.780%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	61066	4.992	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.800%
66) 1,2-Dichlorobenzene-d4	12.183	152	79984	4.730	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	65623	4.386	ug/L	99
3) Chloromethane	1.515	50	59701	4.398	ug/L	98
5) Vinyl chloride	1.599	62	70140	4.683	ug/L	100
6) Bromomethane	1.853	94	49481	5.536	ug/L	97
8) Chloroethane	1.927	64	45936	4.421	ug/L	99
9) Trichlorofluoromethane	2.132	101	97139	4.411	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	61932	4.758	ug/L	99
12) 1,1-Dichloroethene	2.573	96	54845	4.513	ug/L	96
13) Acetone	2.627	43	109826	63.143	ug/L	98
14) Carbon disulfide	2.785	76	166832	4.274	ug/L	100
15) Methyl Acetate	2.949	43	18997	4.371	ug/L	92
16) Methylene chloride	3.036	84	63552	4.538	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	139966	4.699	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	61854	4.640	ug/L	99
19) 1,1-Dichloroethane	3.856	63	115604	4.757	ug/L	98
21) 2-Butanone	4.695	43	155293	54.668	ug/L	97
22) cis-1,2-Dichloroethene	4.656	96	71503	4.757	ug/L	96
23) Bromochloromethane	4.965	128	31667	4.743	ug/L	98
25) Chloroform	5.078	83	124833	4.874	ug/L	99

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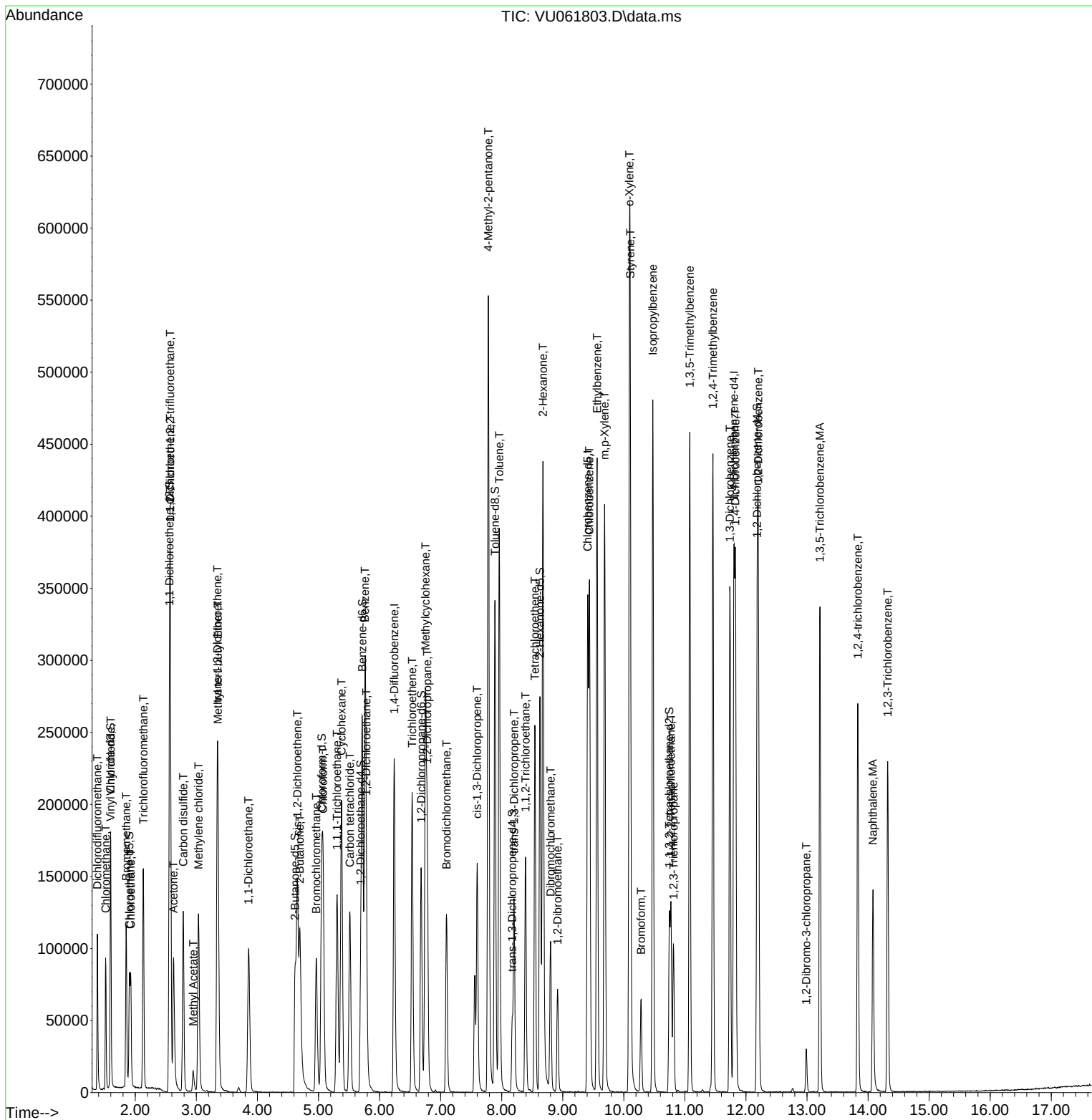
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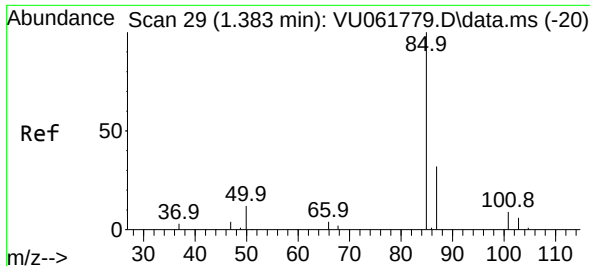
Quant Time: Nov 19 00:11:35 2024
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	76799	4.778	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	100631	4.650	ug/L	99
30) Cyclohexane	5.377	56	98715	4.566	ug/L	98
31) Carbon tetrachloride	5.515	117	87512	4.748	ug/L	100
33) Benzene	5.762	78	274239	4.764	ug/L	100
34) Trichloroethene	6.534	95	72547	4.668	ug/L	95
35) Methylcyclohexane	6.753	83	112632	4.805	ug/L	98
37) 1,2-Dichloropropane	6.782	63	69933	4.789	ug/L	99
38) Bromodichloromethane	7.097	83	82987	4.736	ug/L	99
39) cis-1,3-Dichloropropene	7.598	75	98725	4.750	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	346030	49.421	ug/L	99
42) Toluene	7.962	91	301025	4.857	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	78610	4.769	ug/L	100
45) 1,1,2-Trichloroethane	8.389	97	51873	4.873	ug/L	99
47) Tetrachloroethene	8.544	164	56034	4.798	ug/L	97
48) 2-Hexanone	8.675	43	277506	55.432	ug/L	97
49) Dibromochloromethane	8.801	129	53250	4.771	ug/L	98
50) 1,2-Dibromoethane	8.917	107	49045	4.884	ug/L	99
51) Chlorobenzene	9.438	112	192802	4.833	ug/L	100
52) Ethylbenzene	9.563	91	323905	4.906	ug/L	99
53) m,p-Xylene	9.685	106	124356	4.923	ug/L	99
54) o-Xylene	10.093	106	119300	4.859	ug/L	100
55) Styrene	10.106	104	193922	4.961	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.772	83	63940	4.936	ug/L	99
59) Bromoform	10.283	173	29227	4.651	ug/L	99
60) Isopropylbenzene	10.476	105	315902	4.798	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	42563	4.759	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	252070	4.781	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	250416	4.880	ug/L	99
64) 1,3-Dichlorobenzene	11.736	146	144520	4.786	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	144606	4.716	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	135707	4.833	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.987	75	7341	4.701	ug/L	88
69) 1,3,5-Trichlorobenzene	13.212	180	105312	4.995	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	83228	5.094	ug/L	99
71) Naphthalene	14.080	128	126121	5.377	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	71402	5.206	ug/L	100

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

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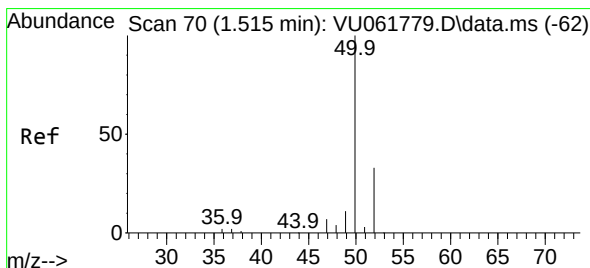
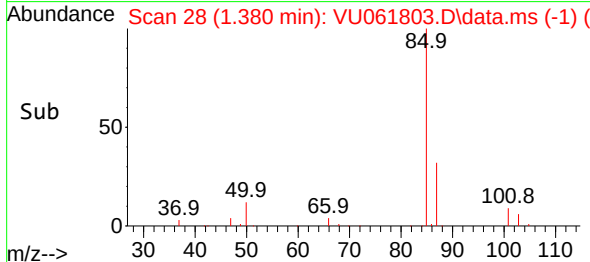
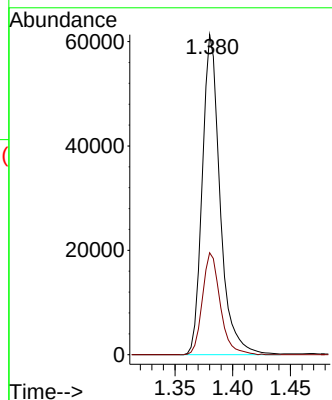
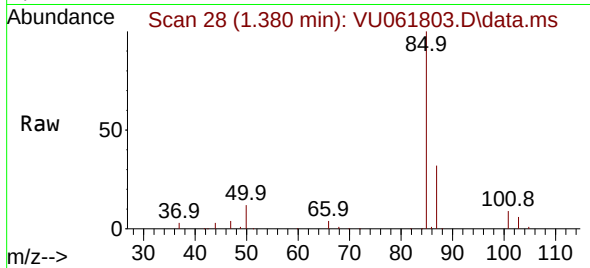




#2
 Dichlorodifluoromethane
 Concen: 4.386 ug/L
 RT: 1.380 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU061803.D
 Acq: 18 Nov 2024 10:31

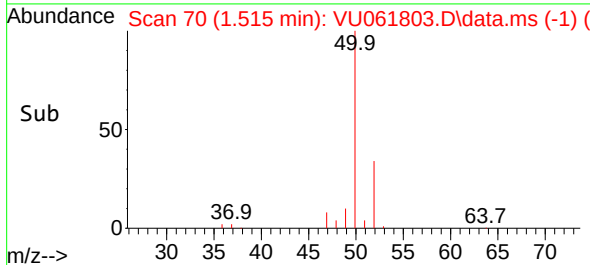
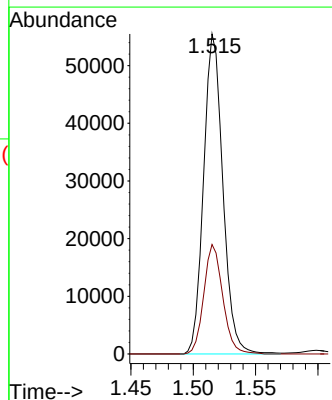
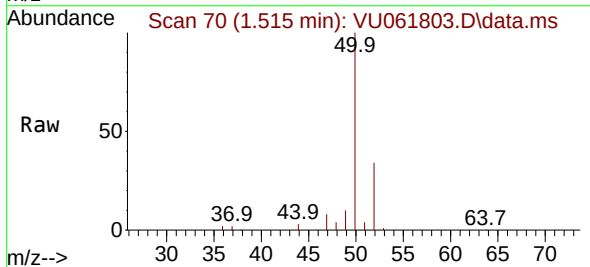
Instrument :
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 ClientSampleId :

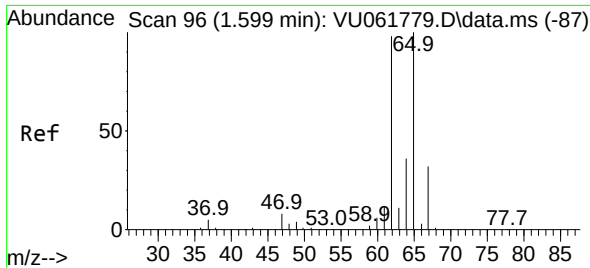
Tgt Ion: 85 Resp: 65623
 Ion Ratio Lower Upper
 85 100
 87 31.9 26.0 39.0



#3
 Chloromethane
 Concen: 4.398 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VU061803.D
 Acq: 18 Nov 2024 10:31

Tgt Ion: 50 Resp: 59701
 Ion Ratio Lower Upper
 50 100
 52 34.2 23.2 43.2

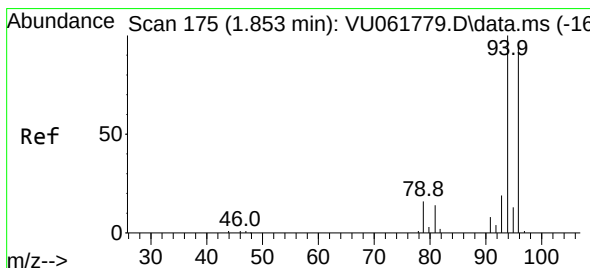
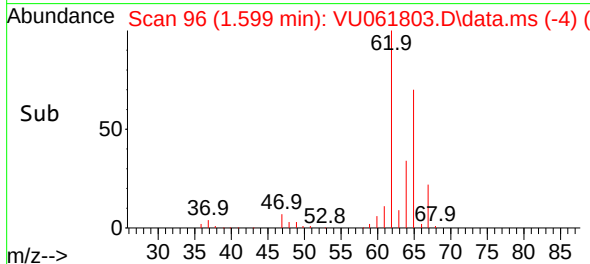
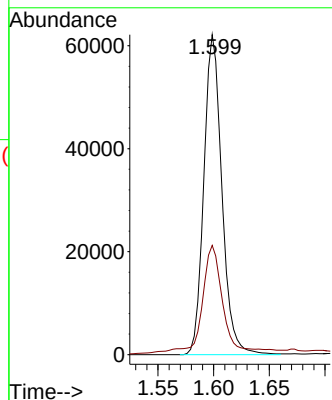
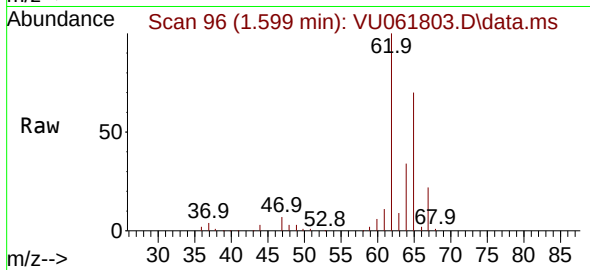




#5
 Vinyl chloride
 Concen: 4.683 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. -0.003 min
 Lab File: VU061803.D
 Acq: 18 Nov 2024 10:31

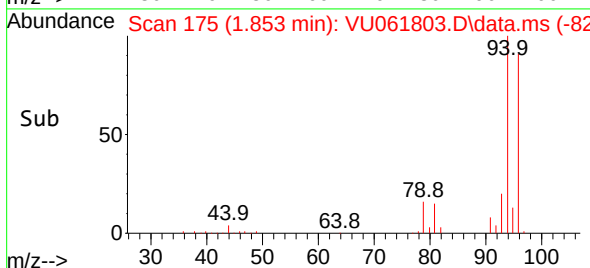
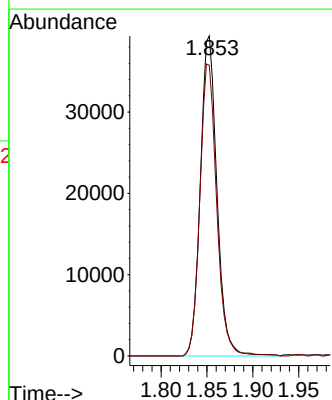
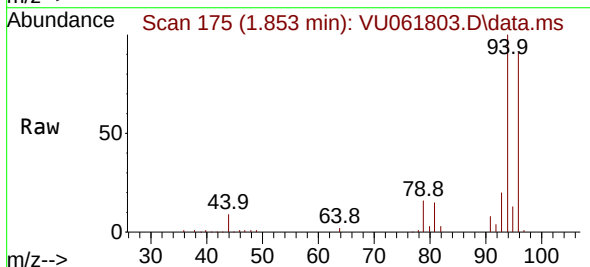
Instrument :
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 ClientSampleId :

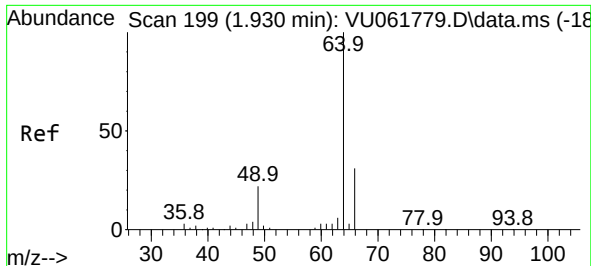
Tgt Ion: 62 Resp: 70140
 Ion Ratio Lower Upper
 62 100
 64 34.2 23.7 44.1



#6
 Bromomethane
 Concen: 5.536 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. -0.000 min
 Lab File: VU061803.D
 Acq: 18 Nov 2024 10:31

Tgt Ion: 94 Resp: 49481
 Ion Ratio Lower Upper
 94 100
 96 90.9 65.7 121.9

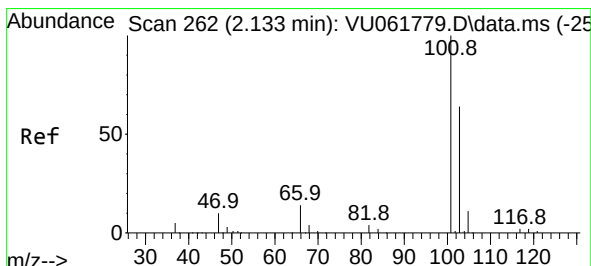
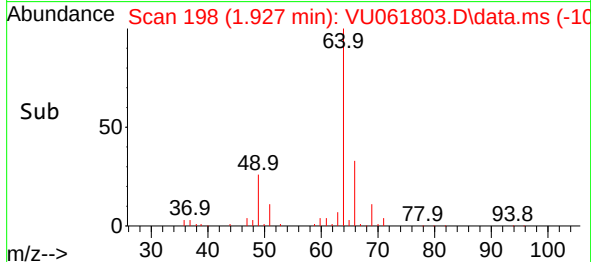
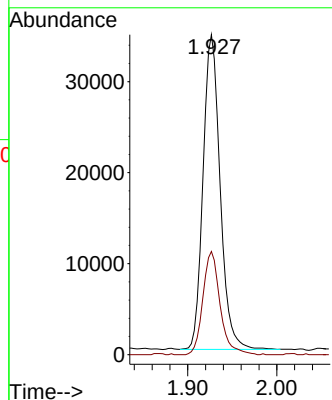
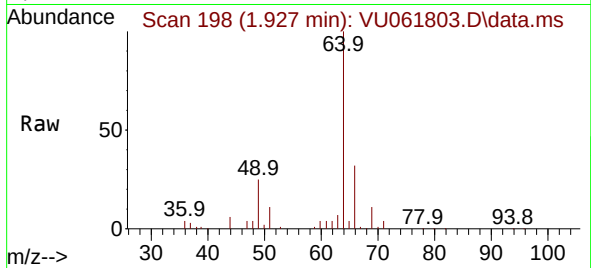




#8
Chloroethane
Concen: 4.421 ug/L
RT: 1.927 min Scan# 199
Delta R.T. -0.003 min
Lab File: VU061803.D
Acq: 18 Nov 2024 10:31

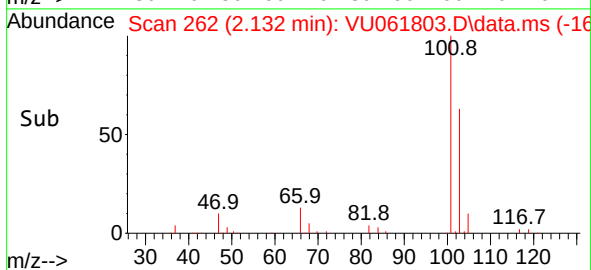
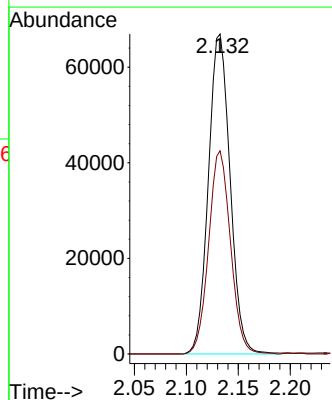
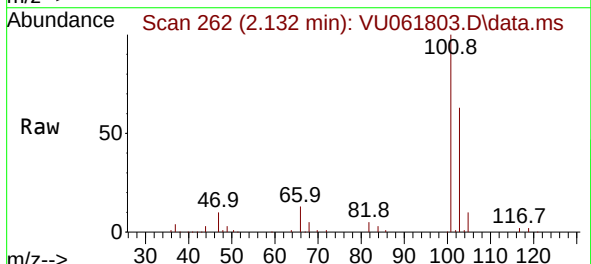
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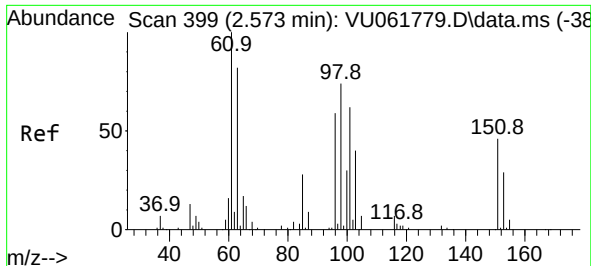
Tgt Ion: 64 Resp: 45936
Ion Ratio Lower Upper
64 100
66 32.3 23.1 42.9



#9
Trichlorofluoromethane
Concen: 4.411 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU061803.D
Acq: 18 Nov 2024 10:31

Tgt Ion: 101 Resp: 97139
Ion Ratio Lower Upper
101 100
103 63.8 52.2 78.2

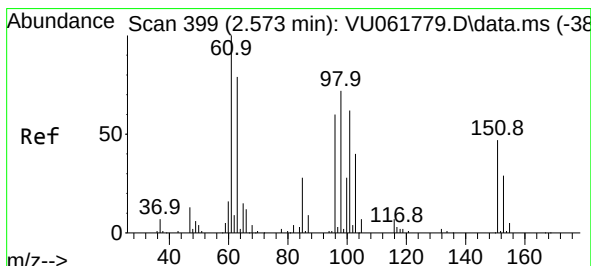
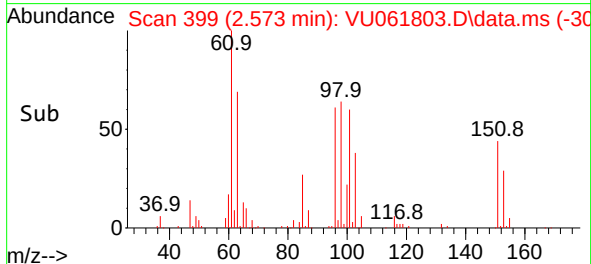
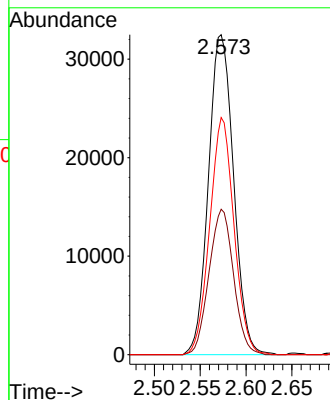
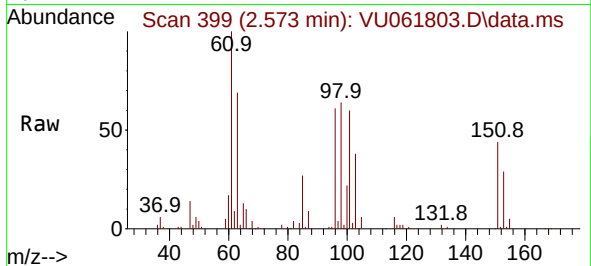




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.758 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU061803.D
 Acq: 18 Nov 2024 10:31

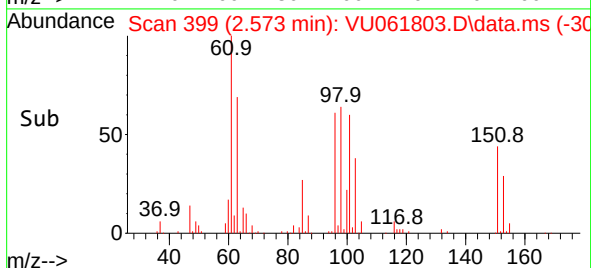
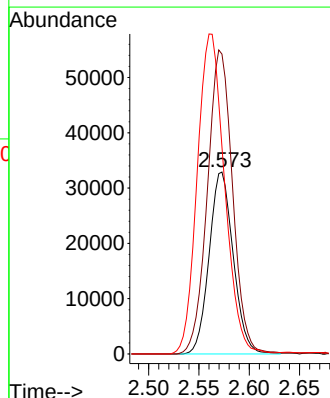
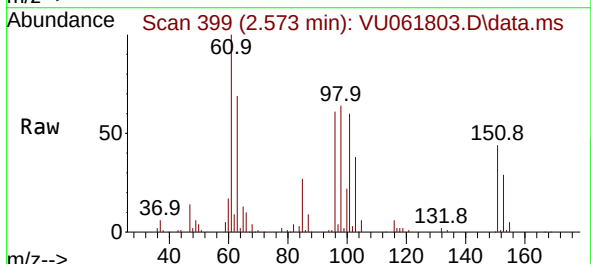
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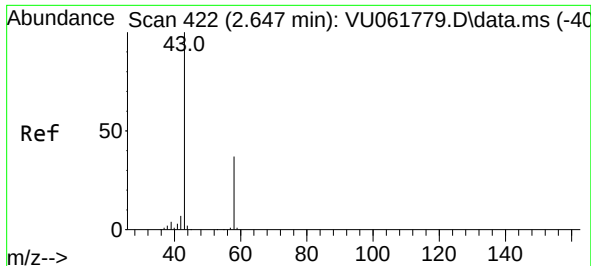
Tgt Ion:101 Resp: 61932
 Ion Ratio Lower Upper
 101 100
 85 44.3 35.1 52.7
 151 71.7 56.9 85.3



#12
 1,1-Dichloroethene
 Concen: 4.513 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU061803.D
 Acq: 18 Nov 2024 10:31

Tgt Ion: 96 Resp: 54845
 Ion Ratio Lower Upper
 96 100
 61 164.8 116.8 217.0
 63 113.8 86.1 159.9





#13

Acetone

Concen: 63.143 ug/L

RT: 2.627 min Scan# 416

Delta R.T. -0.019 min

Lab File: VU061803.D

Acq: 18 Nov 2024 10:31

Instrument :

MSVOA_U

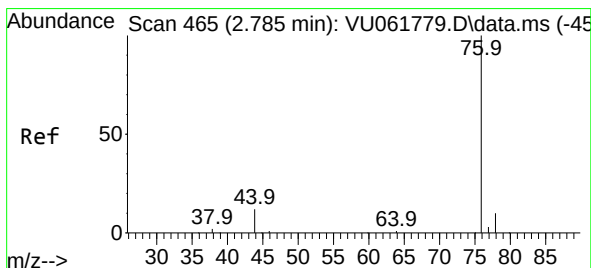
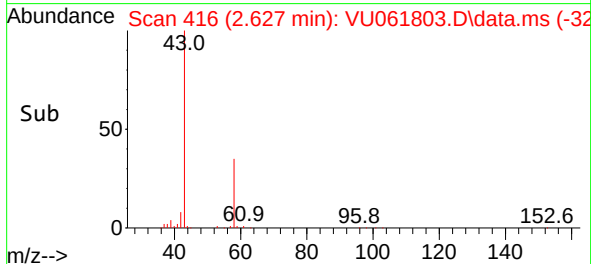
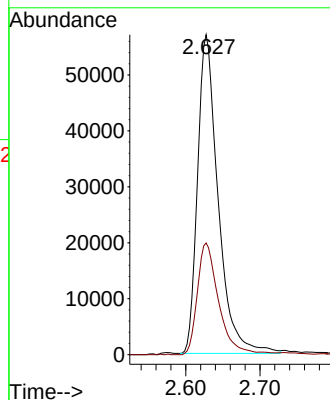
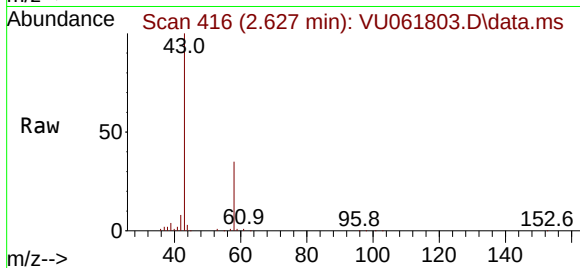
ClientSampleId :

Tgt Ion: 43 Resp: 109826

Ion Ratio Lower Upper

43 100

58 35.9 0.0 69.8



#14

Carbon disulfide

Concen: 4.274 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.003 min

Lab File: VU061803.D

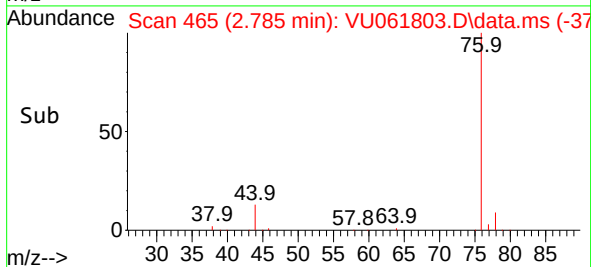
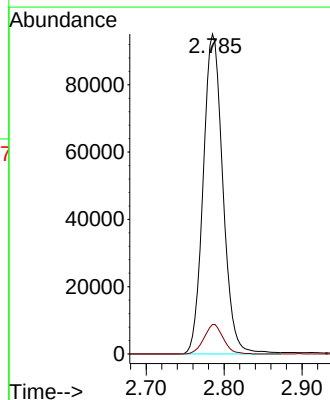
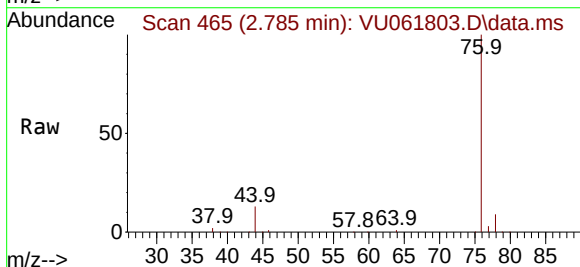
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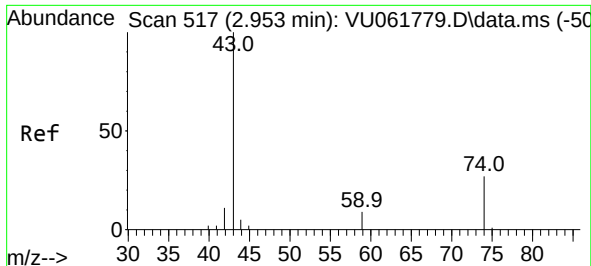
Tgt Ion: 76 Resp: 166832

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9

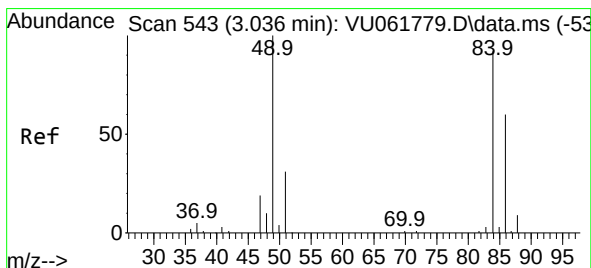
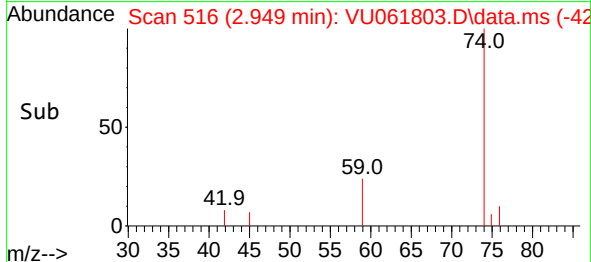
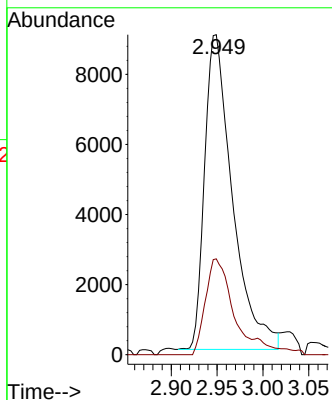
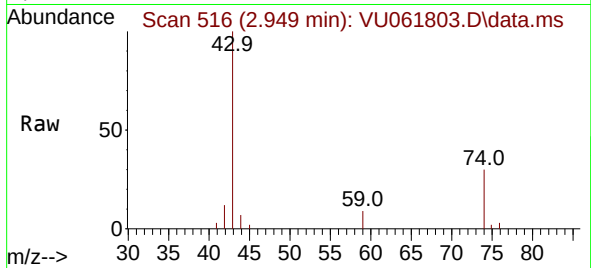




#15
Methyl Acetate
Concen: 4.371 ug/L
RT: 2.949 min Scan# 517
Delta R.T. -0.007 min
Lab File: VU061803.D
Acq: 18 Nov 2024 10:31

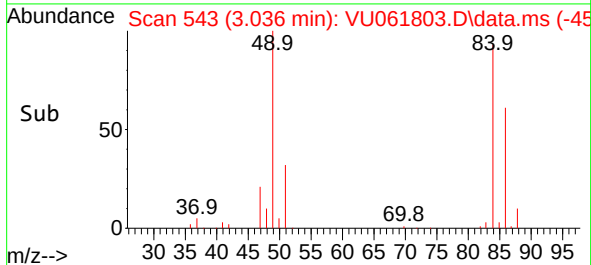
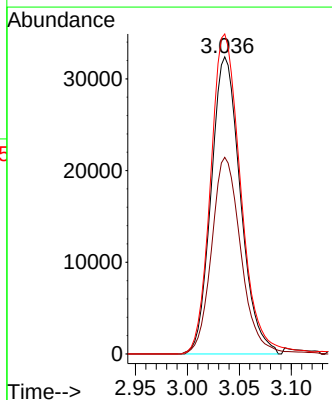
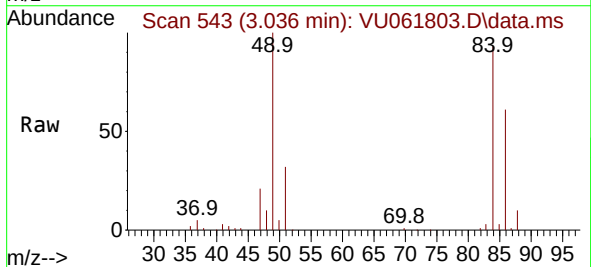
Instrument :
MSVOA_U
ClientSampleId :

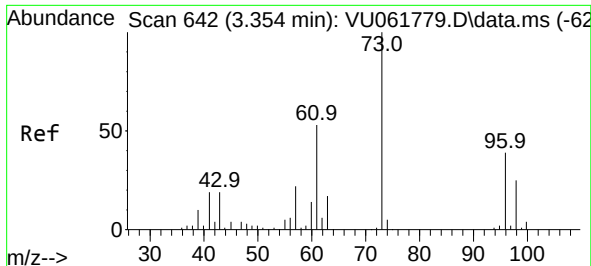
Tgt Ion: 43 Resp: 18997
Ion Ratio Lower Upper
43 100
74 32.5 22.5 33.7



#16
Methylene chloride
Concen: 4.538 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.003 min
Lab File: VU061803.D
Acq: 18 Nov 2024 10:31

Tgt Ion: 84 Resp: 63552
Ion Ratio Lower Upper
84 100
86 66.2 45.1 83.7
49 107.7 76.3 141.7

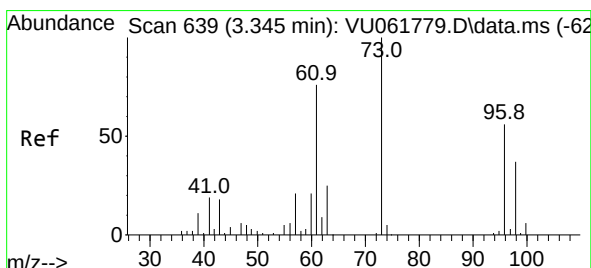
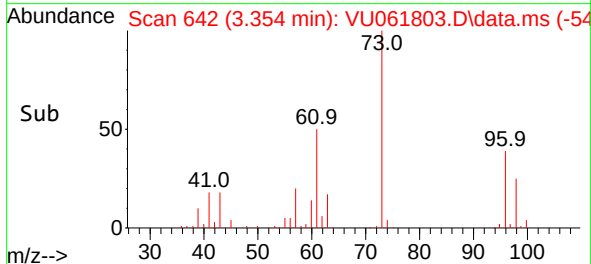
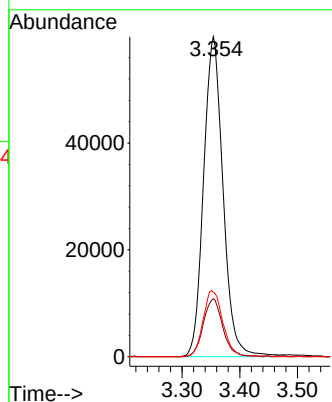
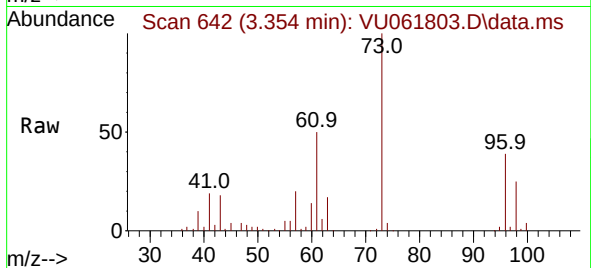




#17
Methyl tert-butyl Ether
Concen: 4.699 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU061803.D
Acq: 18 Nov 2024 10:31

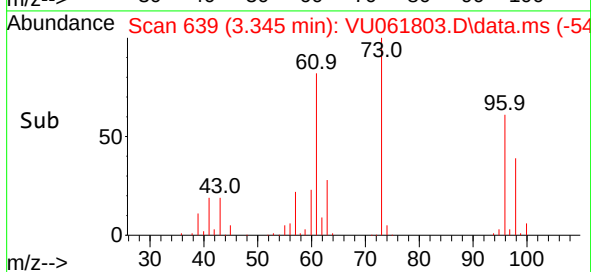
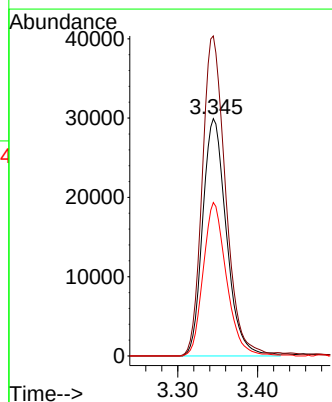
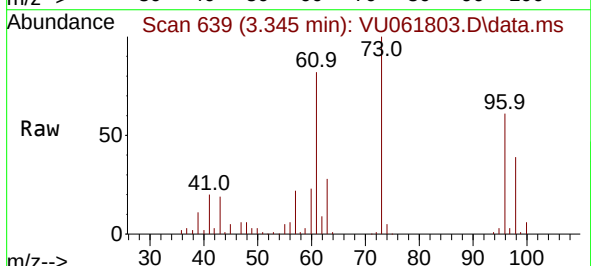
Instrument :
MSVOA_U
ClientSampleId :

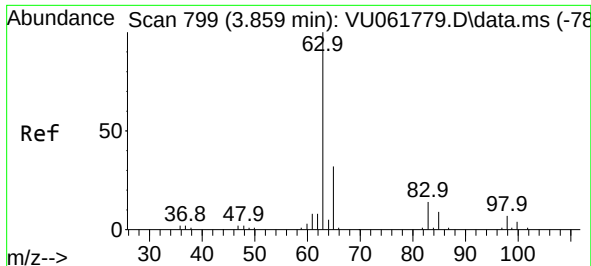
Tgt Ion: 73 Resp: 139966
Ion Ratio Lower Upper
73 100
43 18.2 14.2 21.4
57 20.9 16.9 25.3



#18
trans-1,2-Dichloroethene
Concen: 4.640 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.000 min
Lab File: VU061803.D
Acq: 18 Nov 2024 10:31

Tgt Ion: 96 Resp: 61854
Ion Ratio Lower Upper
96 100
61 134.9 94.1 174.8
98 64.7 43.2 80.2





#19

1,1-Dichloroethane

Concen: 4.757 ug/L

RT: 3.856 min Scan# 799

Delta R.T. -0.003 min

Lab File: VU061803.D

Acq: 18 Nov 2024 10:31

Instrument :

MSVOA_U

ClientSampleId :

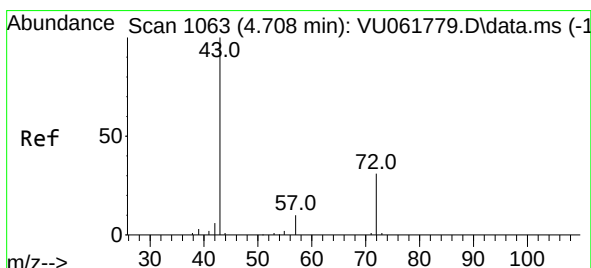
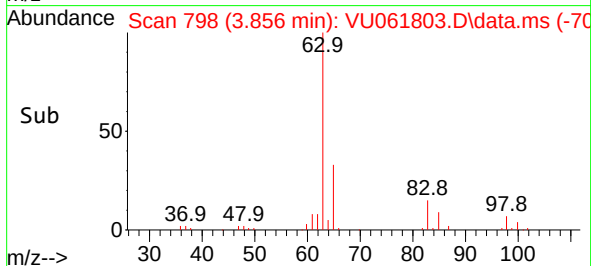
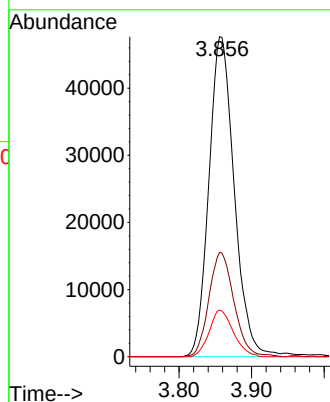
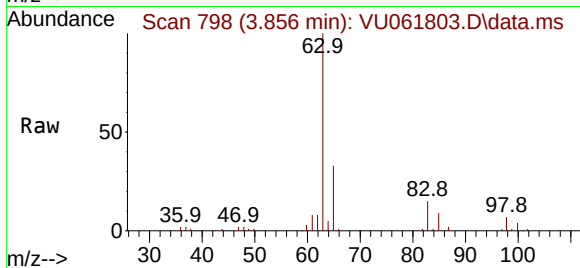
Tgt Ion: 63 Resp: 115604

Ion Ratio Lower Upper

63 100

65 32.6 23.4 43.4

83 14.6 9.6 17.8



#21

2-Butanone

Concen: 54.668 ug/L

RT: 4.695 min Scan# 1059

Delta R.T. -0.013 min

Lab File: VU061803.D

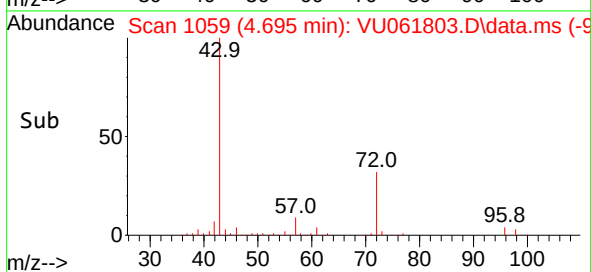
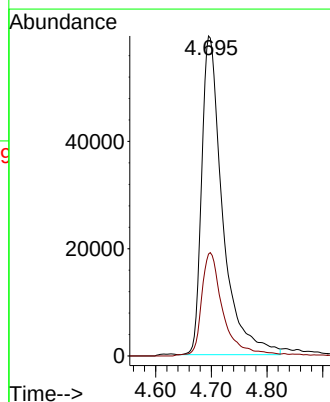
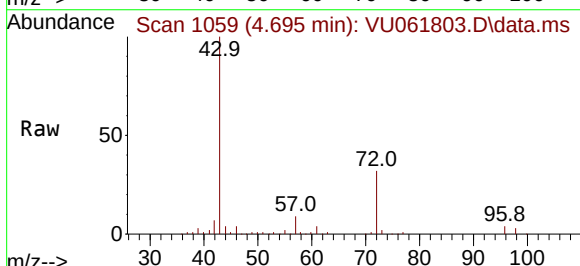
Acq: 18 Nov 2024 10:31

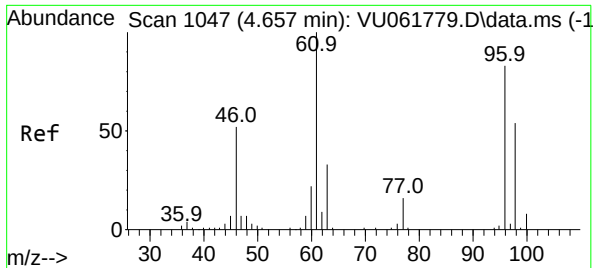
Tgt Ion: 43 Resp: 155293

Ion Ratio Lower Upper

43 100

72 33.4 15.8 47.3

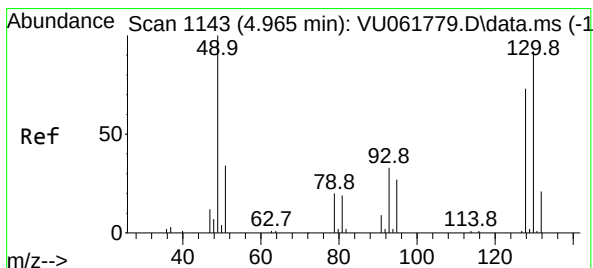
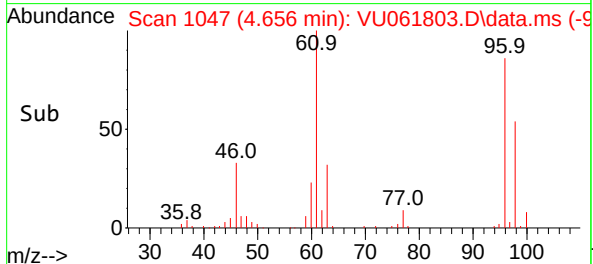
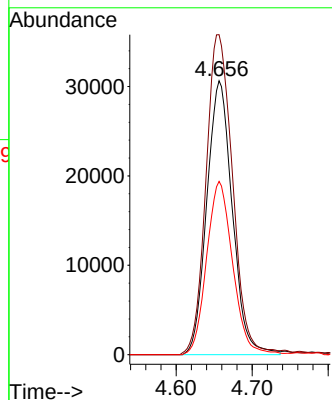
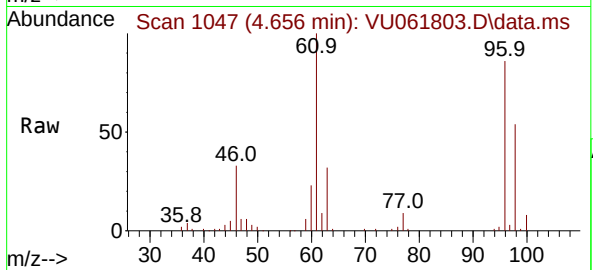




#22
 cis-1,2-Dichloroethene
 Concen: 4.757 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. -0.000 min
 Lab File: VU061803.D
 Acq: 18 Nov 2024 10:31

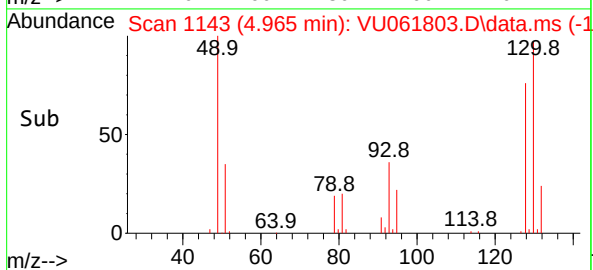
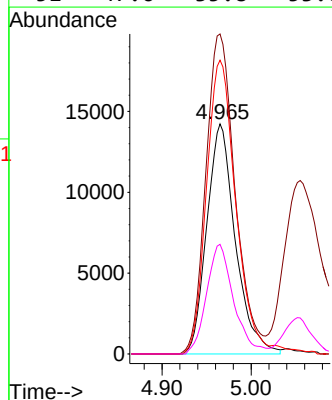
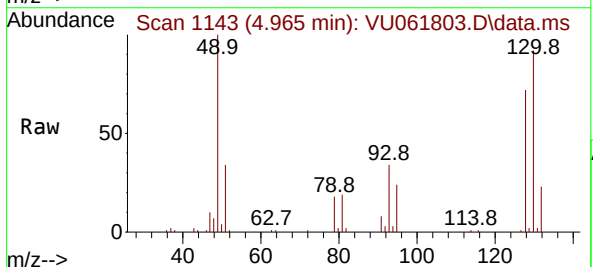
Instrument :
 MSVOA_U
 ClientSampleId :

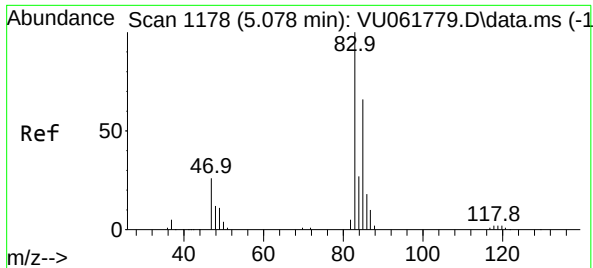
Tgt Ion: 96 Resp: 71503
 Ion Ratio Lower Upper
 96 100
 61 116.8 85.6 159.0
 98 63.3 45.6 84.8



#23
 Bromochloromethane
 Concen: 4.743 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. -0.000 min
 Lab File: VU061803.D
 Acq: 18 Nov 2024 10:31

Tgt Ion:128 Resp: 31667
 Ion Ratio Lower Upper
 128 100
 49 139.0 99.1 184.1
 130 127.6 88.6 164.6
 51 47.6 35.8 53.6

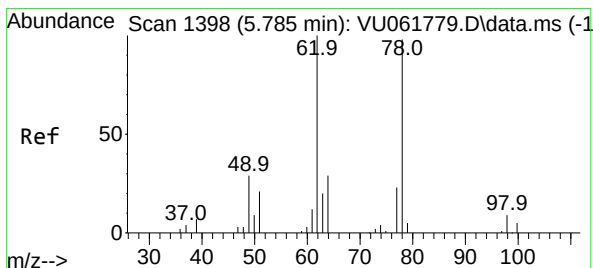
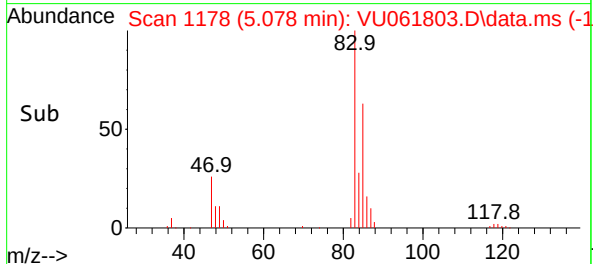
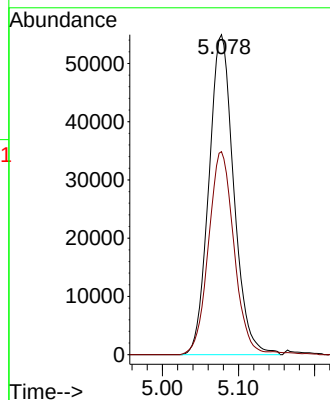
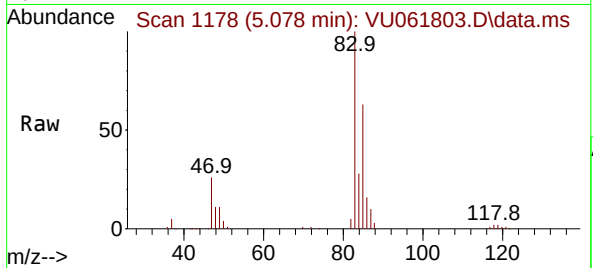




#25
Chloroform
Concen: 4.874 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VU061803.D
Acq: 18 Nov 2024 10:31

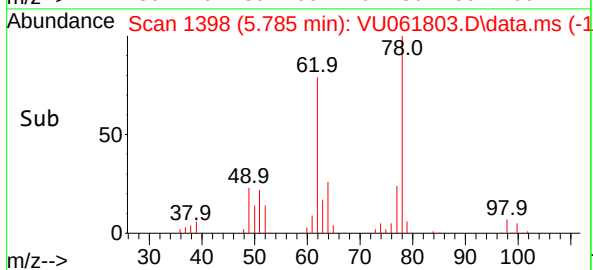
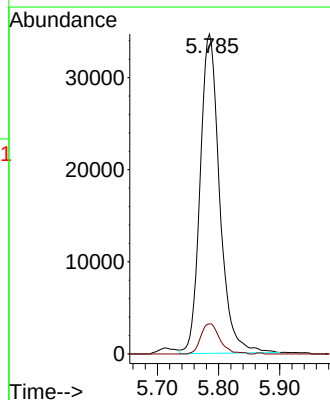
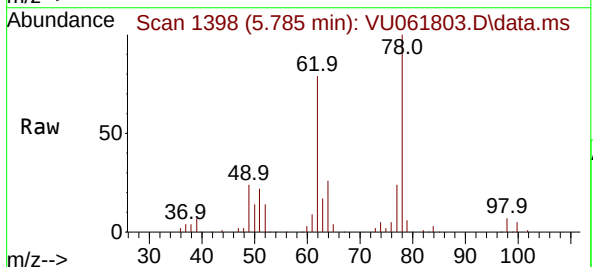
Instrument :
MSVOA_U
ClientSampleId :

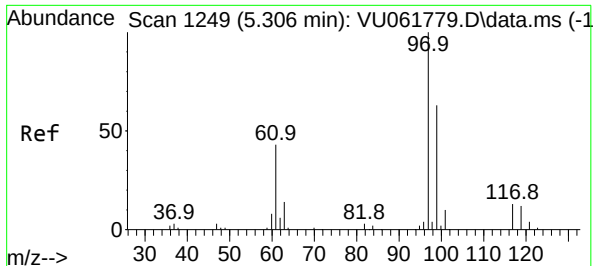
Tgt Ion: 83 Resp: 124833
Ion Ratio Lower Upper
83 100
85 63.4 44.1 81.9



#27
1,2-Dichloroethane
Concen: 4.778 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VU061803.D
Acq: 18 Nov 2024 10:31

Tgt Ion: 62 Resp: 76799
Ion Ratio Lower Upper
62 100
98 9.4 7.7 11.5





#29

1,1,1-Trichloroethane

Concen: 4.650 ug/L

RT: 5.306 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU061803.D

Acq: 18 Nov 2024 10:31

Instrument :

MSVOA_U

ClientSampleId :

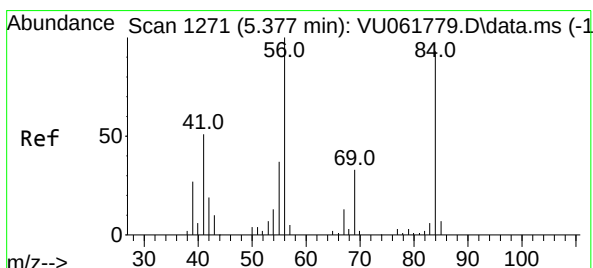
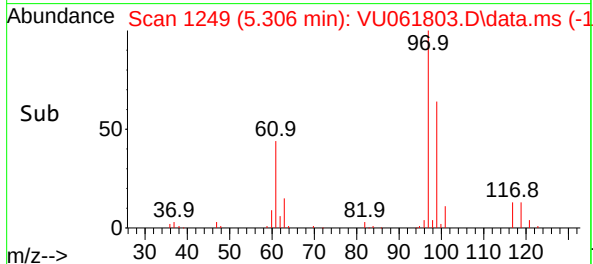
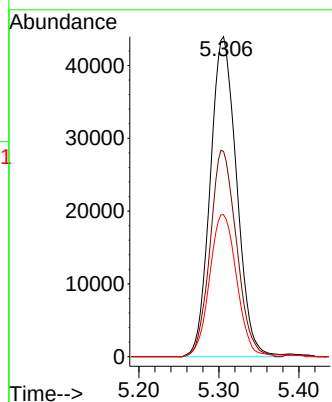
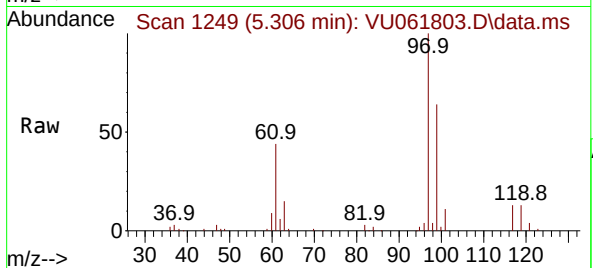
Tgt Ion: 97 Resp: 100631

Ion Ratio Lower Upper

97 100

99 64.7 51.7 77.5

61 45.6 35.4 53.0



#30

Cyclohexane

Concen: 4.566 ug/L

RT: 5.377 min Scan# 1271

Delta R.T. -0.003 min

Lab File: VU061803.D

Acq: 18 Nov 2024 10:31

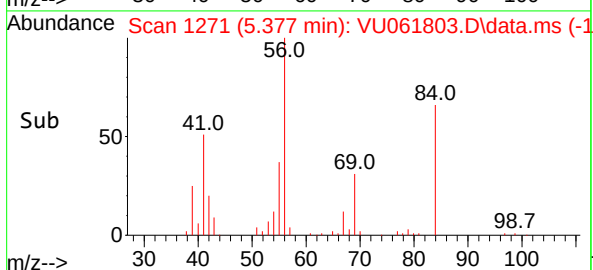
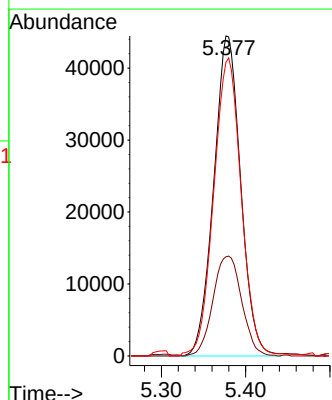
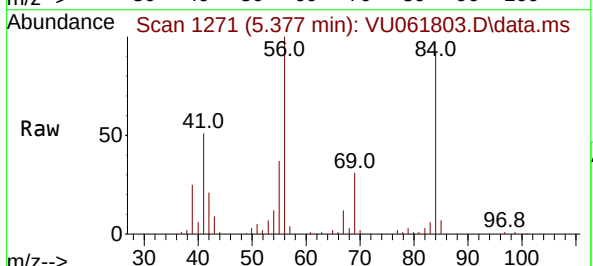
Tgt Ion: 56 Resp: 98715

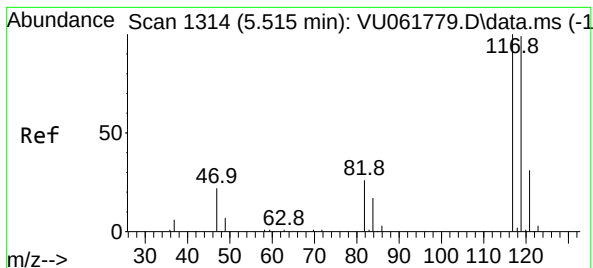
Ion Ratio Lower Upper

56 100

69 33.2 25.6 38.4

84 95.2 74.3 111.5





#31

Carbon tetrachloride

Concen: 4.748 ug/L

RT: 5.515 min Scan# 1314

Delta R.T. -0.000 min

Lab File: VU061803.D

Acq: 18 Nov 2024 10:31

Instrument :

MSVOA_U

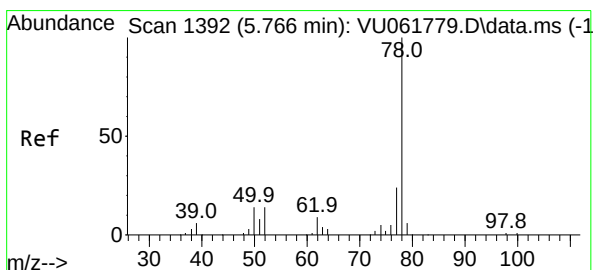
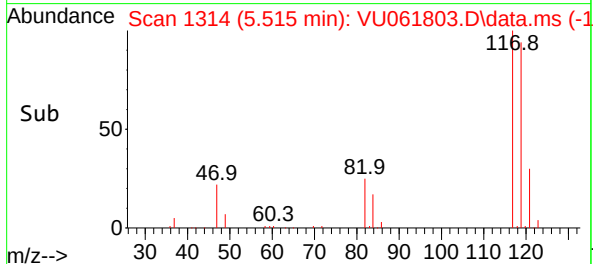
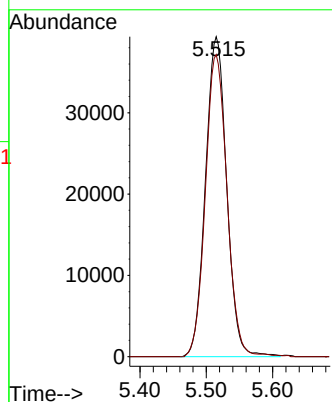
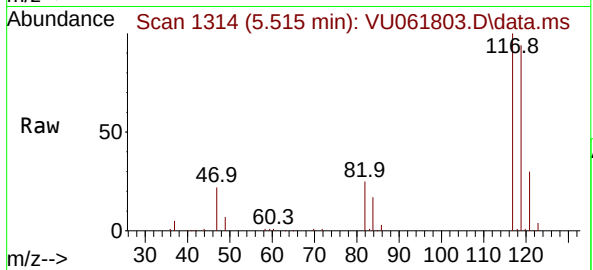
ClientSampleId :

Tgt Ion:117 Resp: 87512

Ion Ratio Lower Upper

117 100

119 95.7 76.6 114.8



#33

Benzene

Concen: 4.764 ug/L

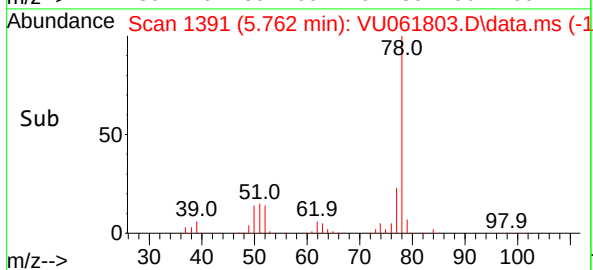
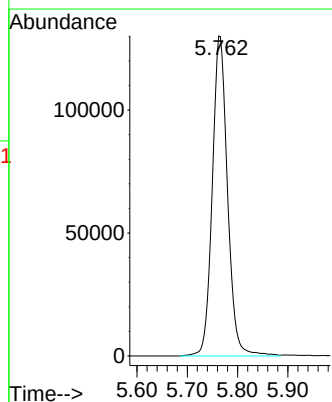
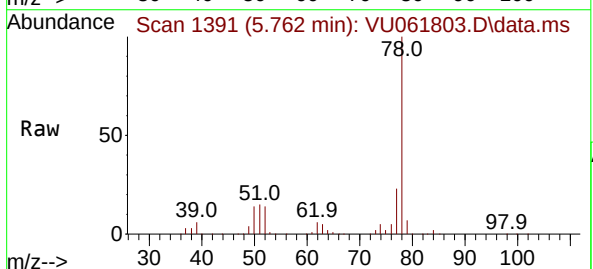
RT: 5.762 min Scan# 1391

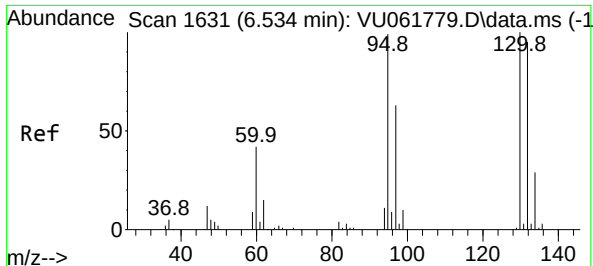
Delta R.T. -0.003 min

Lab File: VU061803.D

Acq: 18 Nov 2024 10:31

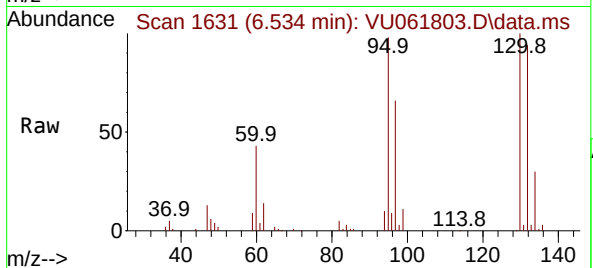
Tgt Ion: 78 Resp: 274239



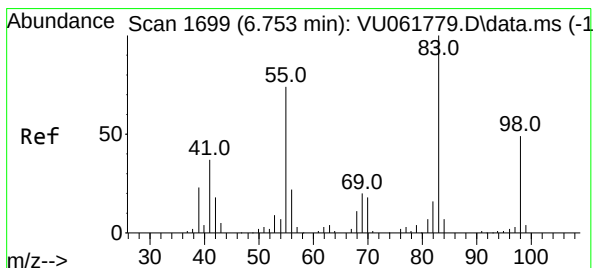
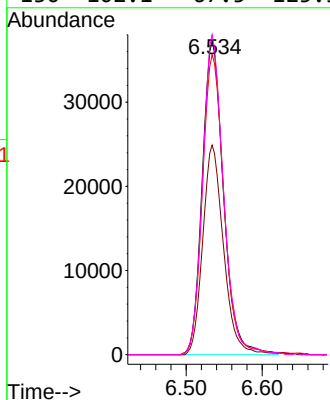
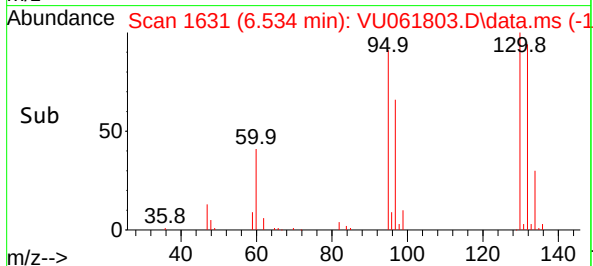


#34
Trichloroethene
Concen: 4.668 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VU061803.D
Acq: 18 Nov 2024 10:31

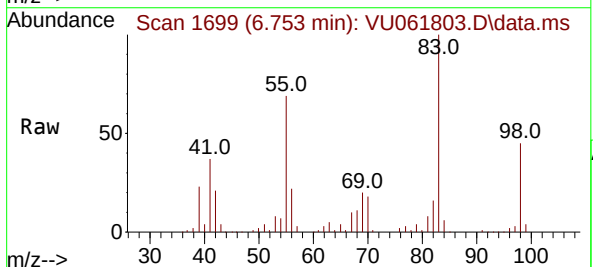
Instrument :
MSVOA_U
ClientSampleId :



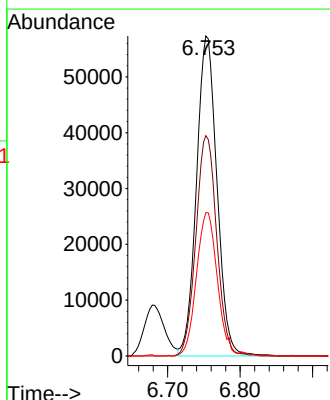
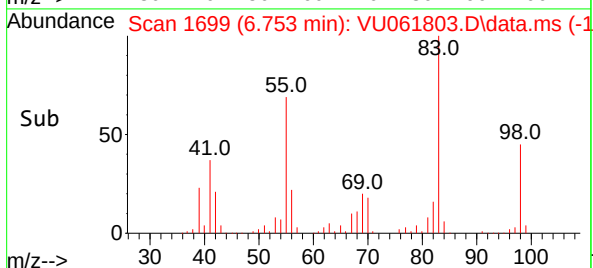
Tgt Ion: 95 Resp: 72547
Ion Ratio Lower Upper
95 100
97 66.9 43.5 80.9
132 95.7 65.2 121.0
130 102.1 67.5 125.3

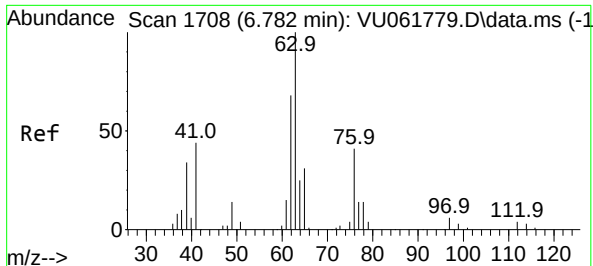


#35
Methylcyclohexane
Concen: 4.805 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VU061803.D
Acq: 18 Nov 2024 10:31



Tgt Ion: 83 Resp: 112632
Ion Ratio Lower Upper
83 100
55 69.6 56.4 84.6
98 45.4 37.7 56.5

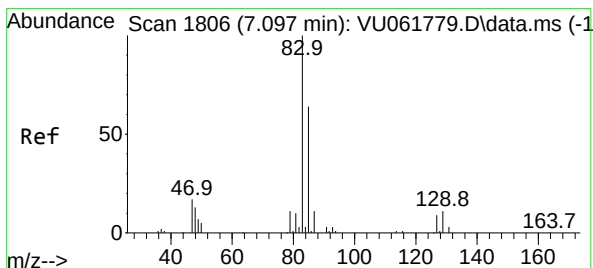
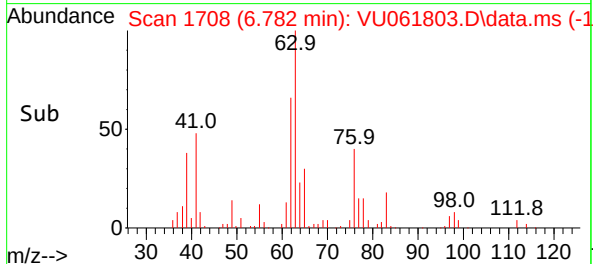
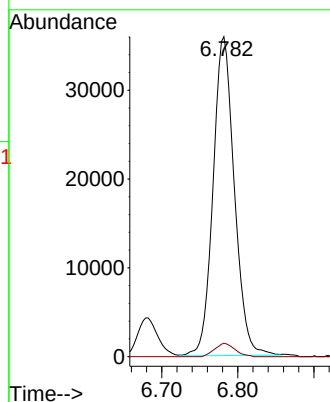
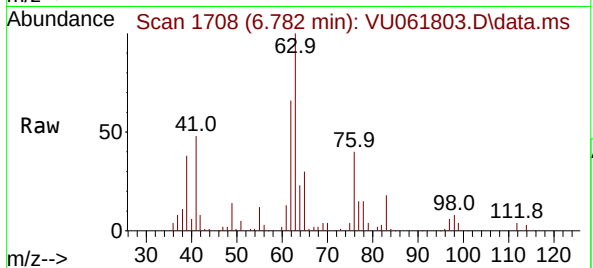




#37
1,2-Dichloropropane
Concen: 4.789 ug/L
RT: 6.782 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU061803.D
Acq: 18 Nov 2024 10:31

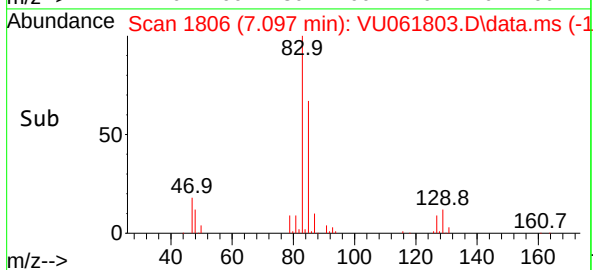
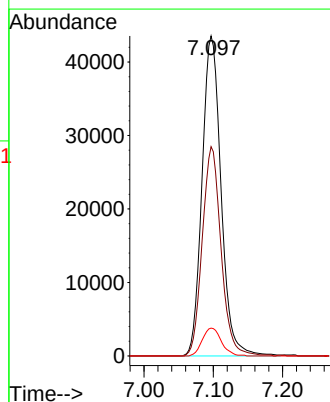
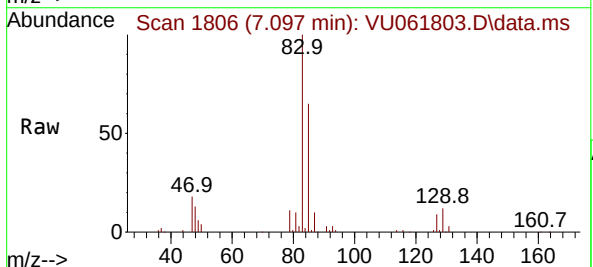
Instrument :
MSVOA_U
ClientSampleId :

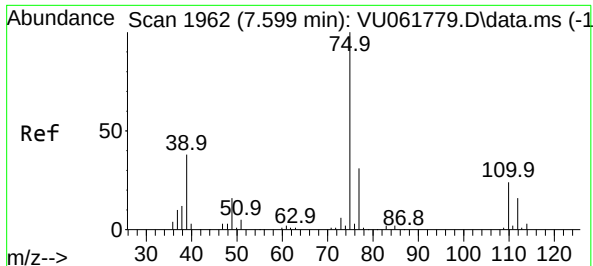
Tgt Ion: 63 Resp: 69933
Ion Ratio Lower Upper
63 100
112 4.0 3.0 4.4



#38
Bromodichloromethane
Concen: 4.736 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU061803.D
Acq: 18 Nov 2024 10:31

Tgt Ion: 83 Resp: 82987
Ion Ratio Lower Upper
83 100
85 65.4 45.0 83.6
127 8.7 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 4.750 ug/L

RT: 7.598 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VU061803.D

Acq: 18 Nov 2024 10:31

Instrument :

MSVOA_U

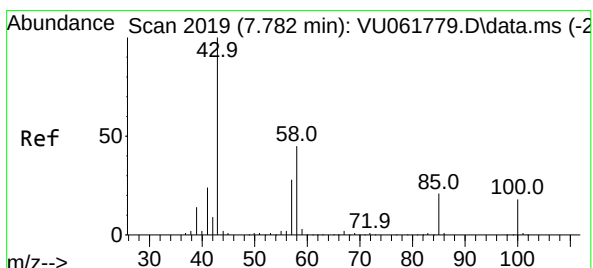
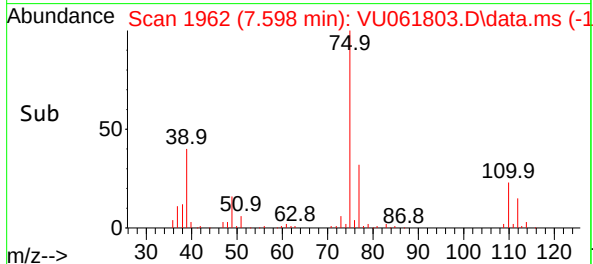
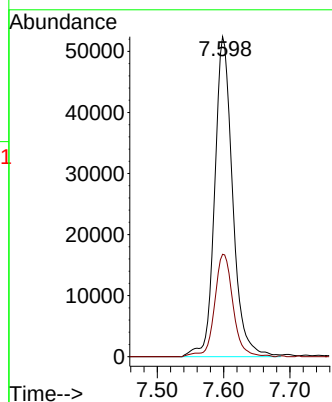
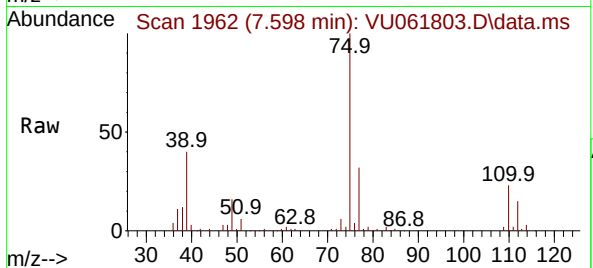
ClientSampleId :

Tgt Ion: 75 Resp: 98725

Ion Ratio Lower Upper

75 100

77 32.0 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 49.421 ug/L

RT: 7.782 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VU061803.D

Acq: 18 Nov 2024 10:31

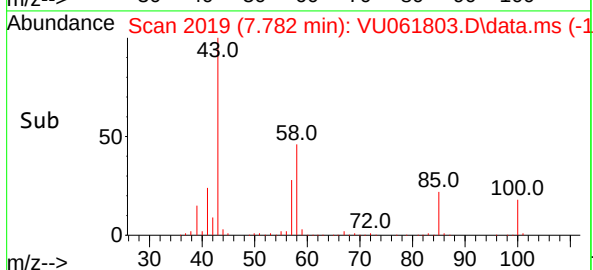
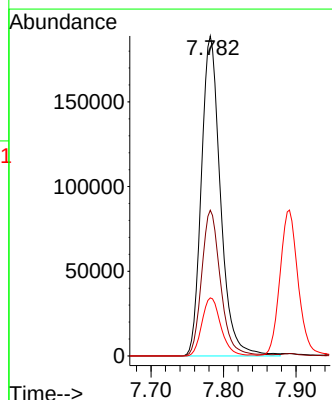
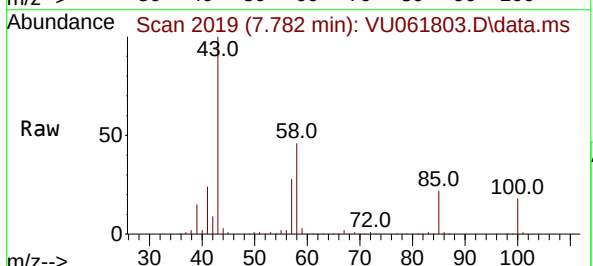
Tgt Ion: 43 Resp: 346030

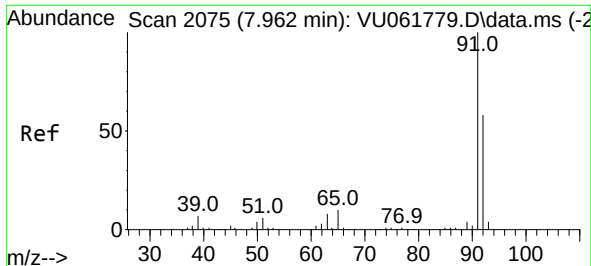
Ion Ratio Lower Upper

43 100

58 45.3 35.7 53.5

100 18.1 14.2 21.2

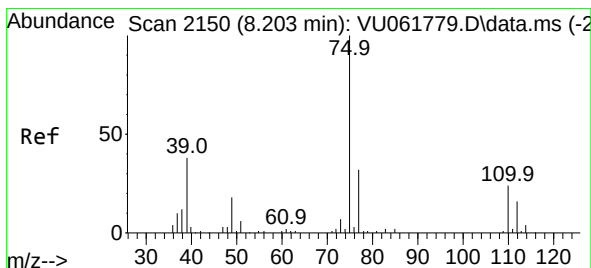
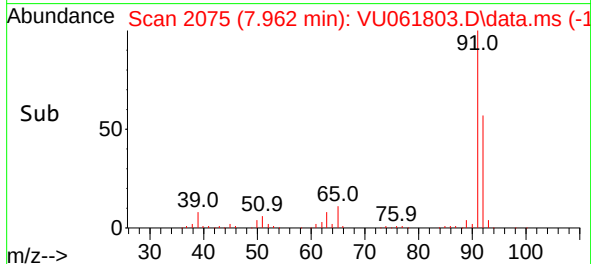
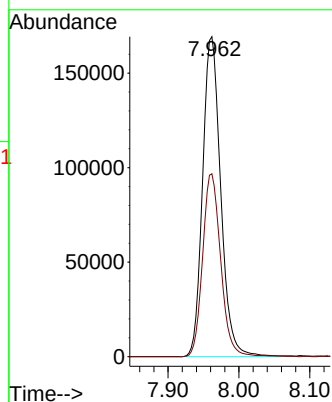
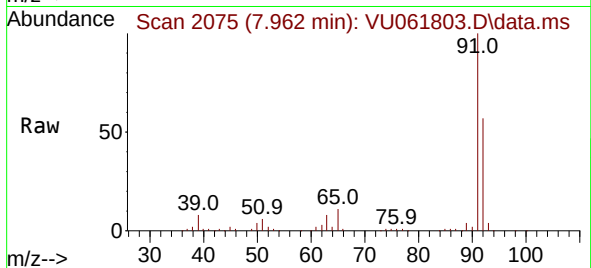




#42
Toluene
Concen: 4.857 ug/L
RT: 7.962 min Scan# 2075
Delta R.T. -0.000 min
Lab File: VU061803.D
Acq: 18 Nov 2024 10:31

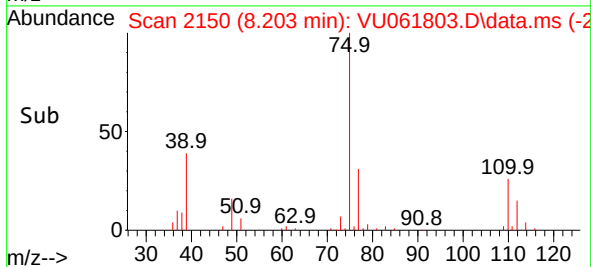
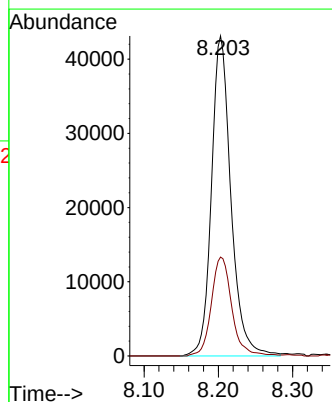
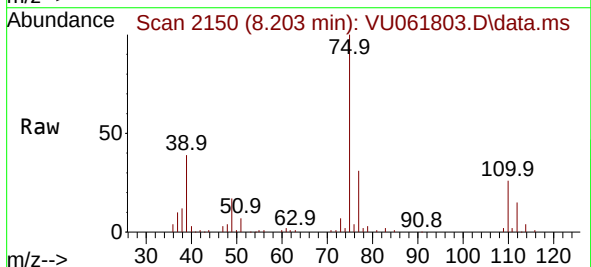
Instrument :
MSVOA_U
ClientSampleId :

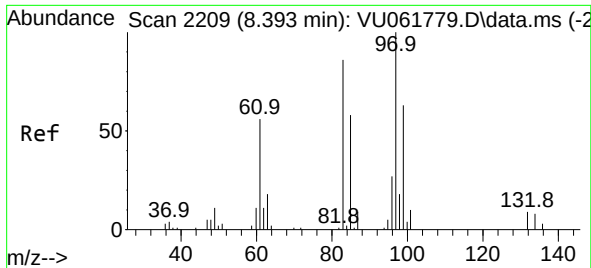
Tgt Ion: 91 Resp: 301025
Ion Ratio Lower Upper
91 100
92 57.2 39.7 73.7



#44
trans-1,3-Dichloropropene
Concen: 4.769 ug/L
RT: 8.203 min Scan# 2150
Delta R.T. -0.000 min
Lab File: VU061803.D
Acq: 18 Nov 2024 10:31

Tgt Ion: 75 Resp: 78610
Ion Ratio Lower Upper
75 100
77 30.9 21.7 40.3

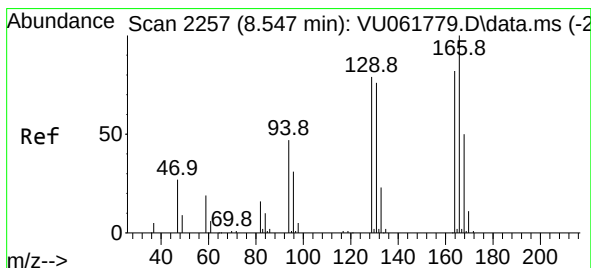
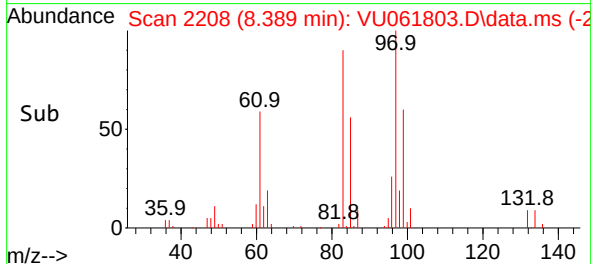
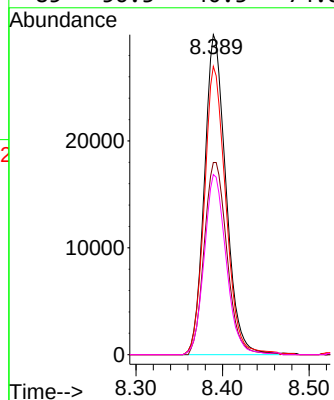
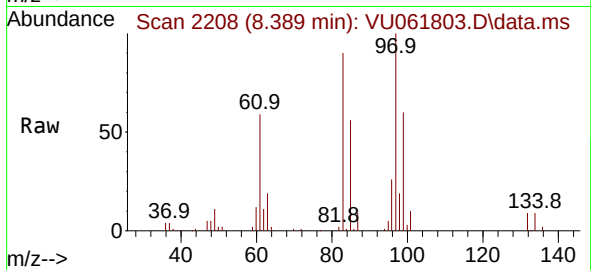




#45
1,1,2-Trichloroethane
Concen: 4.873 ug/L
RT: 8.389 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU061803.D
Acq: 18 Nov 2024 10:31

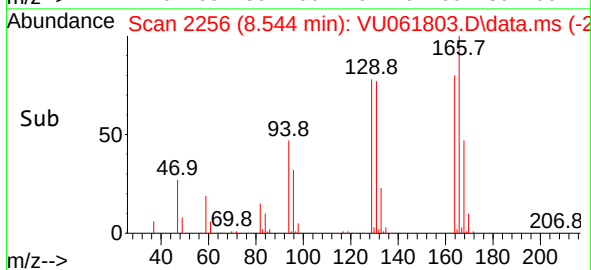
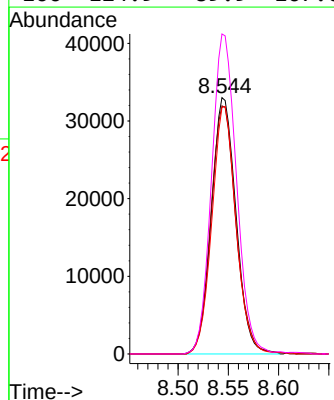
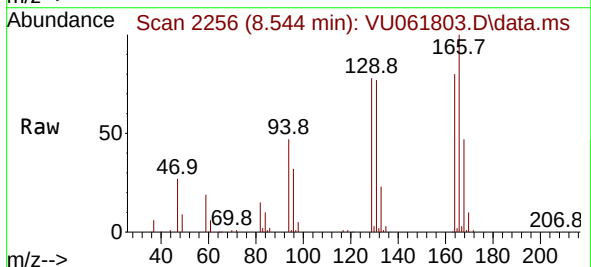
Instrument :
MSVOA_U
ClientSampleId :

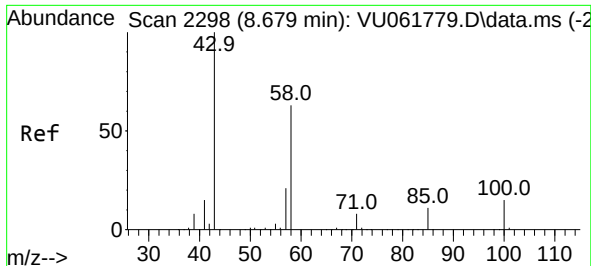
Tgt Ion:	97	Resp:	51873
Ion	Ratio	Lower	Upper
97	100		
99	60.1	43.8	81.3
83	90.1	63.2	117.4
85	56.3	40.3	74.8



#47
Tetrachloroethene
Concen: 4.798 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU061803.D
Acq: 18 Nov 2024 10:31

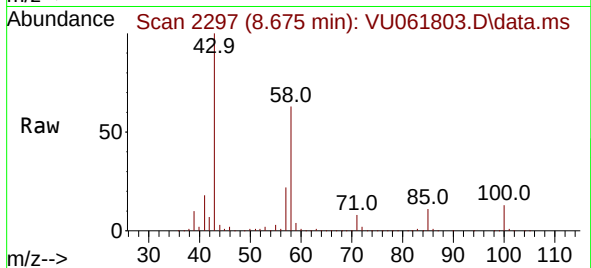
Tgt Ion:	164	Resp:	56034
Ion	Ratio	Lower	Upper
164	100		
129	96.8	71.7	133.3
131	96.2	68.2	126.6
166	124.9	89.9	167.0



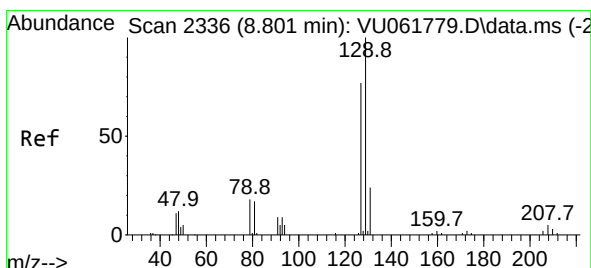
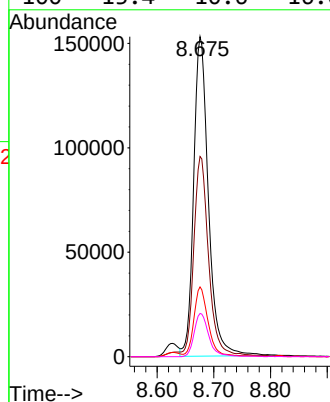
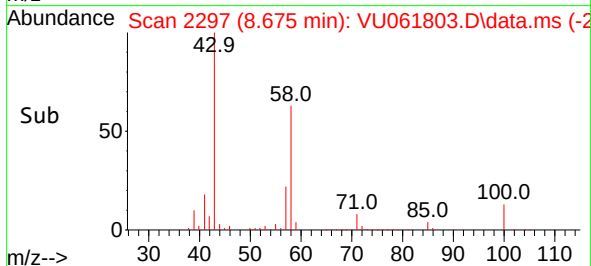


#48
2-Hexanone
Concen: 55.432 ug/L
RT: 8.675 min Scan# 2298
Delta R.T. -0.003 min
Lab File: VU061803.D
Acq: 18 Nov 2024 10:31

Instrument :
MSVOA_U
ClientSampleId :

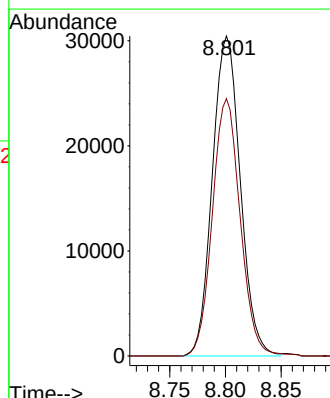
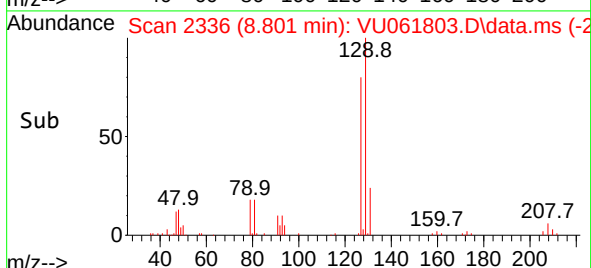
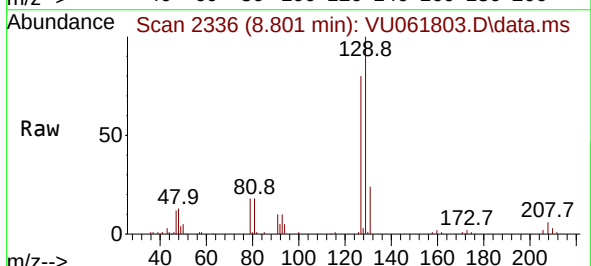


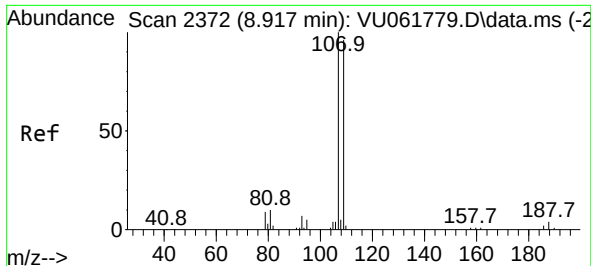
Tgt Ion: 43 Resp: 277506
Ion Ratio Lower Upper
43 100
58 64.6 49.4 74.2
57 20.9 16.3 24.5
100 13.4 10.6 16.0



#49
Dibromochloromethane
Concen: 4.771 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU061803.D
Acq: 18 Nov 2024 10:31

Tgt Ion: 129 Resp: 53250
Ion Ratio Lower Upper
129 100
127 80.4 55.1 102.3

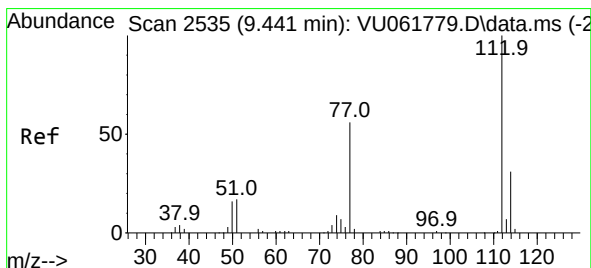
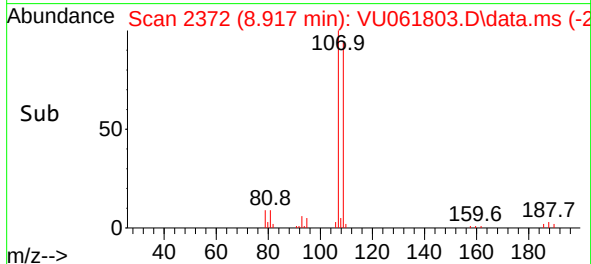
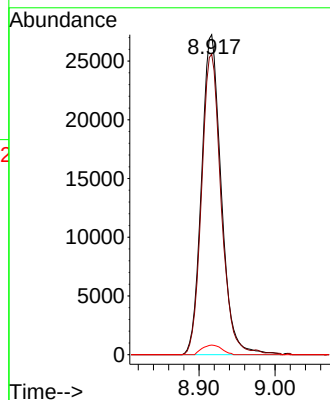
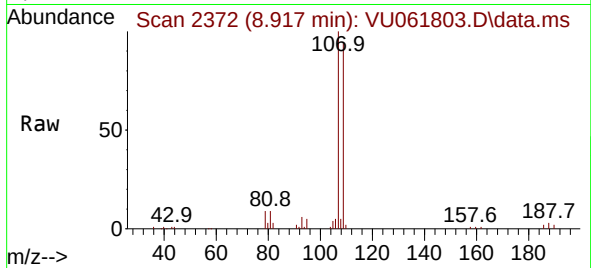




#50
 1,2-Dibromoethane
 Concen: 4.884 ug/L
 RT: 8.917 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU061803.D
 Acq: 18 Nov 2024 10:31

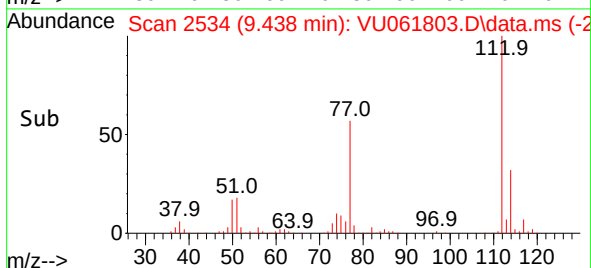
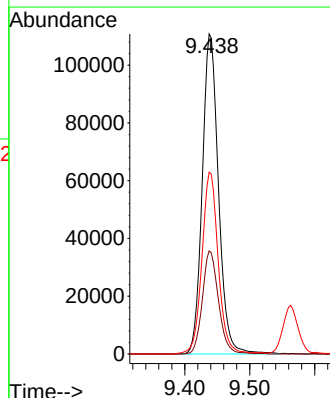
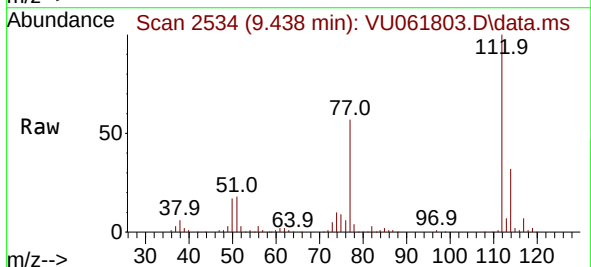
Instrument :
 MSVOA_U
 ClientSampleId :

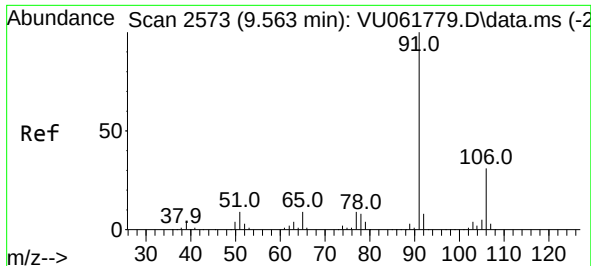
Tgt Ion:107 Resp: 49045
 Ion Ratio Lower Upper
 107 100
 109 93.8 64.8 120.4
 188 3.0 2.5 3.7



#51
 Chlorobenzene
 Concen: 4.833 ug/L
 RT: 9.438 min Scan# 2534
 Delta R.T. -0.000 min
 Lab File: VU061803.D
 Acq: 18 Nov 2024 10:31

Tgt Ion:112 Resp: 192802
 Ion Ratio Lower Upper
 112 100
 114 32.2 22.5 41.9
 77 56.8 45.3 67.9

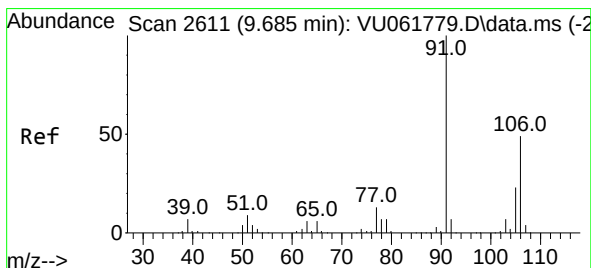
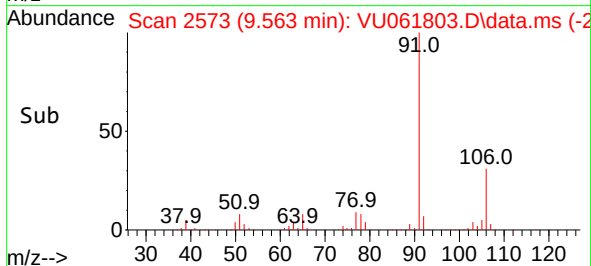
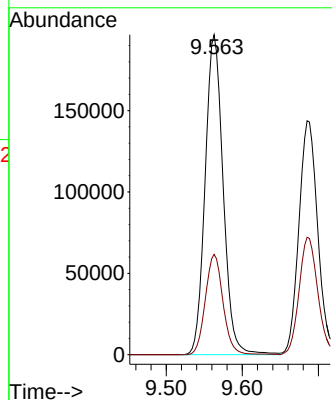
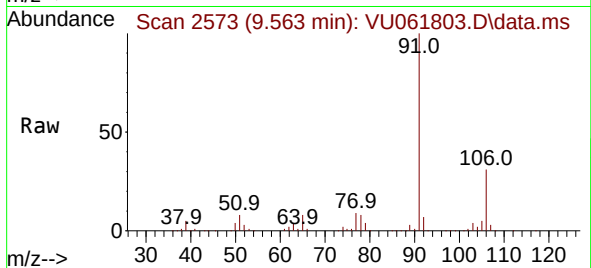




#52
Ethylbenzene
Concen: 4.906 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU061803.D
Acq: 18 Nov 2024 10:31

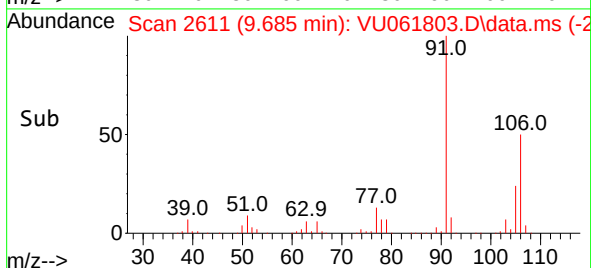
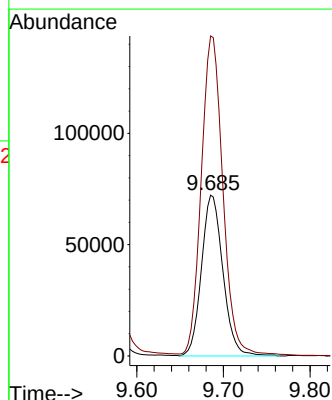
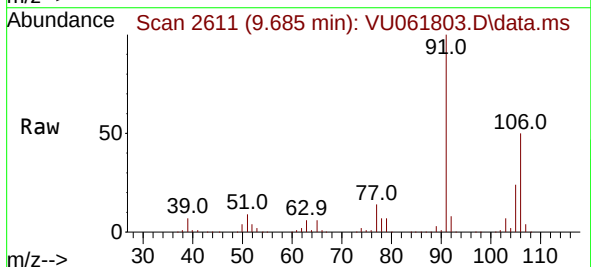
Instrument :
MSVOA_U
ClientSampleId :

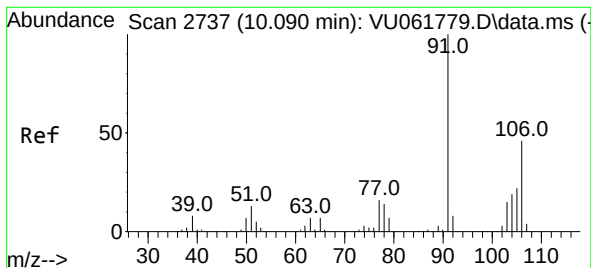
Tgt Ion: 91 Resp: 323905
Ion Ratio Lower Upper
91 100
106 31.4 21.7 40.3



#53
m,p-Xylene
Concen: 4.923 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU061803.D
Acq: 18 Nov 2024 10:31

Tgt Ion:106 Resp: 124356
Ion Ratio Lower Upper
106 100
91 199.1 140.4 260.8





#54

o-Xylene

Concen: 4.859 ug/L

RT: 10.093 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU061803.D

Acq: 18 Nov 2024 10:31

Instrument :

MSVOA_U

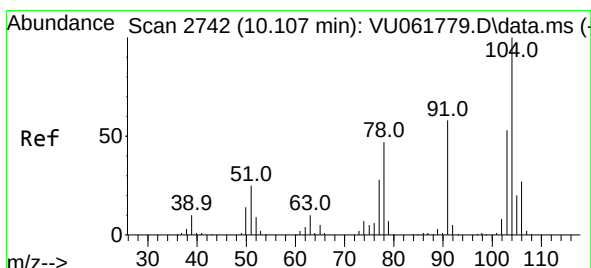
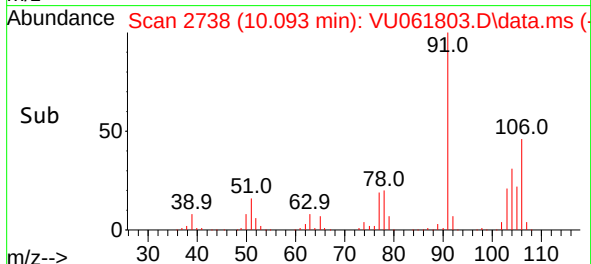
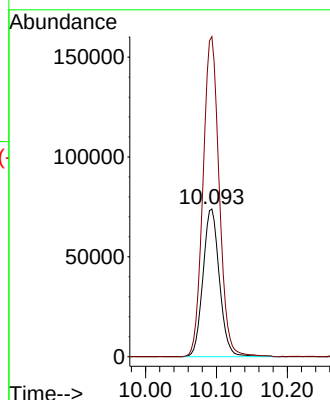
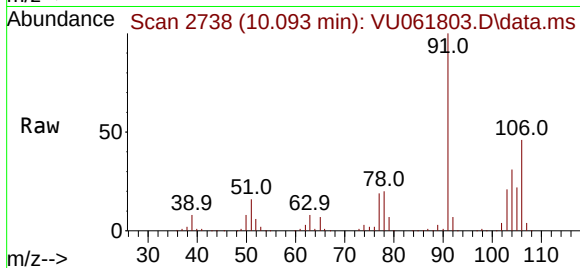
ClientSampleId :

Tgt Ion:106 Resp: 119300

Ion Ratio Lower Upper

106 100

91 216.6 151.3 280.9



#55

Styrene

Concen: 4.961 ug/L

RT: 10.106 min Scan# 2742

Delta R.T. -0.000 min

Lab File: VU061803.D

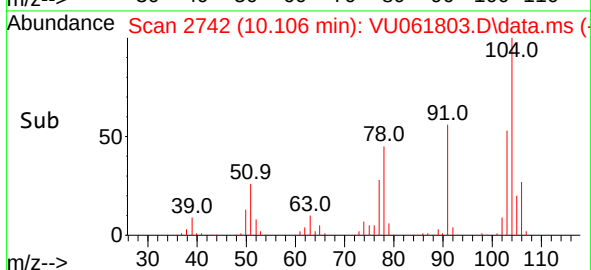
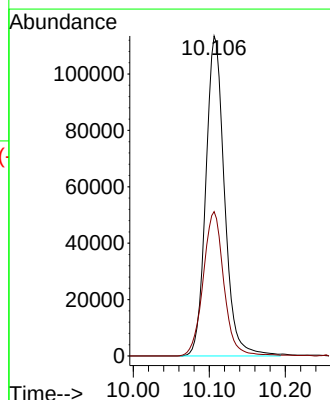
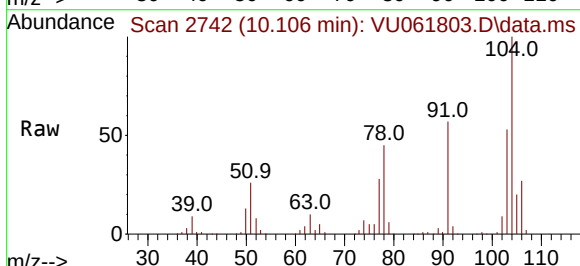
Acq: 18 Nov 2024 10:31

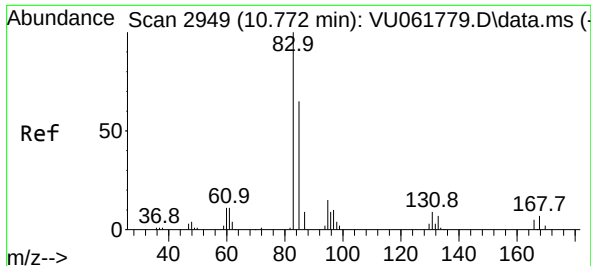
Tgt Ion:104 Resp: 193922

Ion Ratio Lower Upper

104 100

78 45.1 31.6 58.6

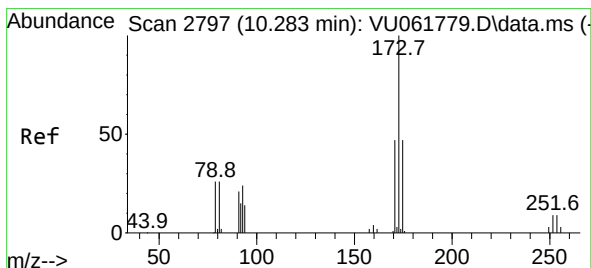
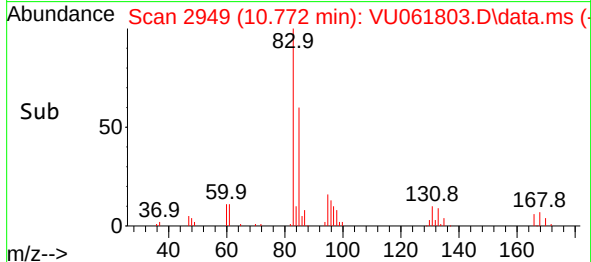
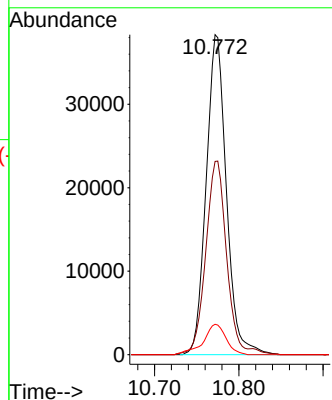
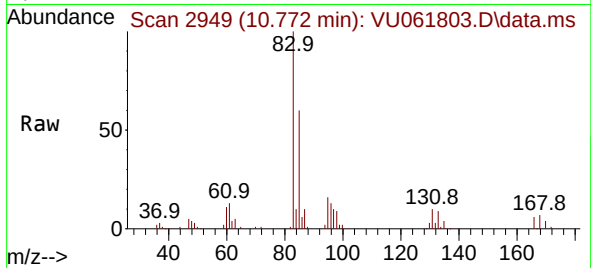




#57
1,1,2,2-Tetrachloroethane
Concen: 4.936 ug/L
RT: 10.772 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU061803.D
Acq: 18 Nov 2024 10:31

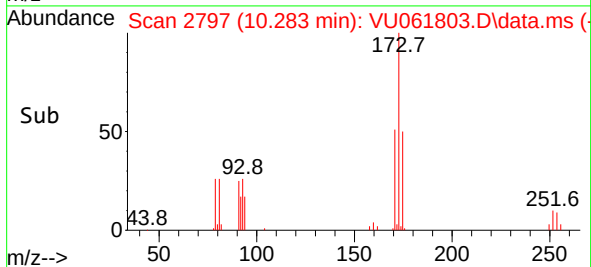
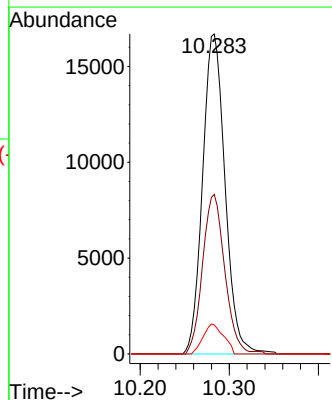
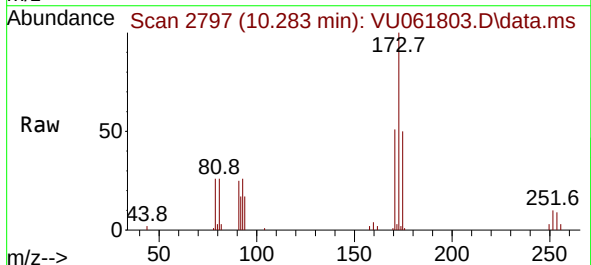
Instrument :
MSVOA_U
ClientSampleId :

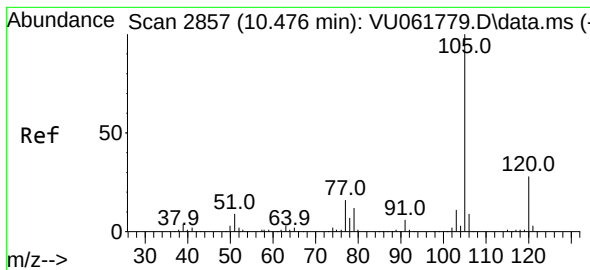
Tgt Ion: 83 Resp: 63940
Ion Ratio Lower Upper
83 100
85 60.4 41.9 77.9
131 9.5 7.8 11.6



#59
Bromoform
Concen: 4.651 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. 0.003 min
Lab File: VU061803.D
Acq: 18 Nov 2024 10:31

Tgt Ion:173 Resp: 29227
Ion Ratio Lower Upper
173 100
175 49.0 39.3 58.9
254 8.5 7.8 11.8





#60

Isopropylbenzene

Concen: 4.798 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. -0.000 min

Lab File: VU061803.D

Acq: 18 Nov 2024 10:31

Instrument :

MSVOA_U

ClientSampleId :

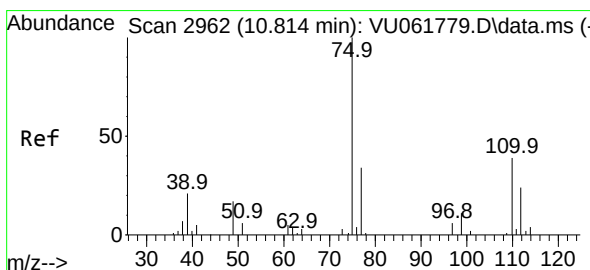
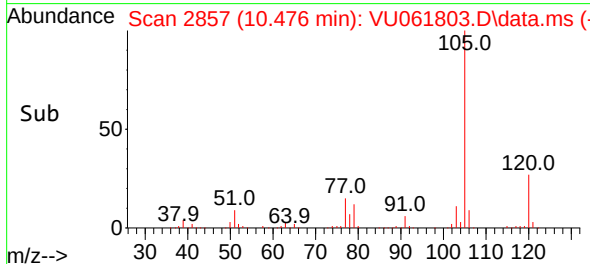
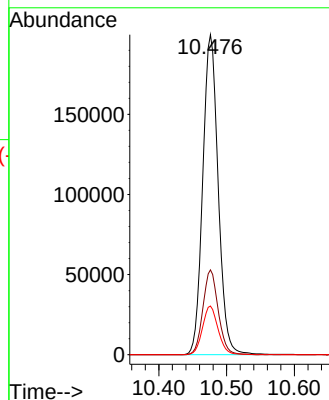
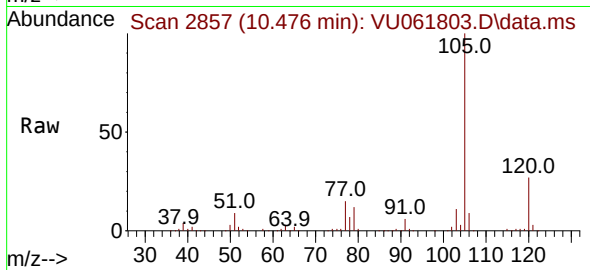
Tgt Ion:105 Resp: 315902

Ion Ratio Lower Upper

105 100

120 26.2 21.6 32.4

77 15.3 12.8 19.2



#61

1,2,3-Trichloropropane

Concen: 4.759 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. -0.000 min

Lab File: VU061803.D

Acq: 18 Nov 2024 10:31

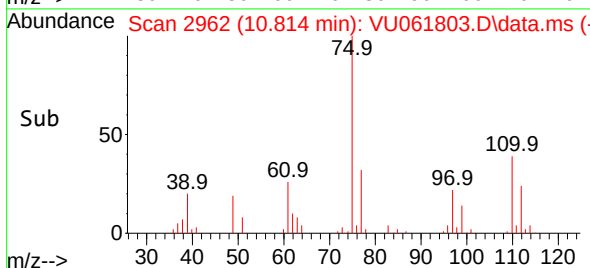
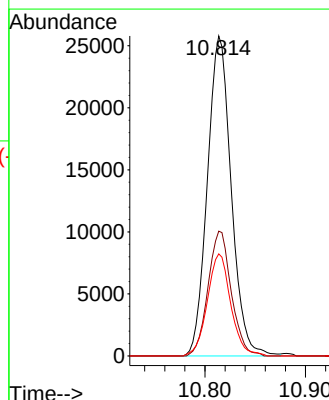
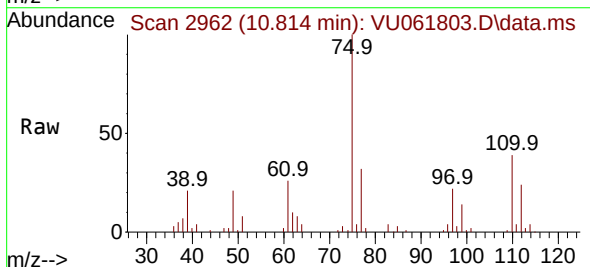
Tgt Ion: 75 Resp: 42563

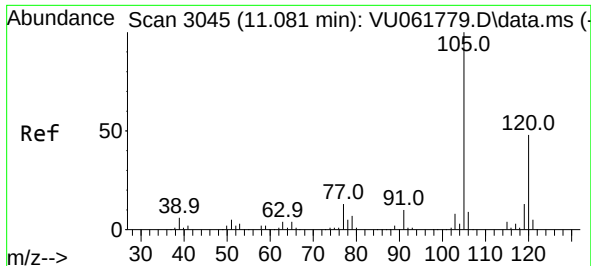
Ion Ratio Lower Upper

75 100

110 37.9 31.3 46.9

77 31.3 26.0 39.0





#62

1,3,5-Trimethylbenzene

Concen: 4.781 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. -0.000 min

Lab File: VU061803.D

Acq: 18 Nov 2024 10:31

Instrument :

MSVOA_U

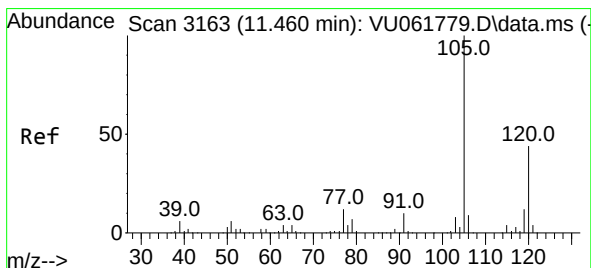
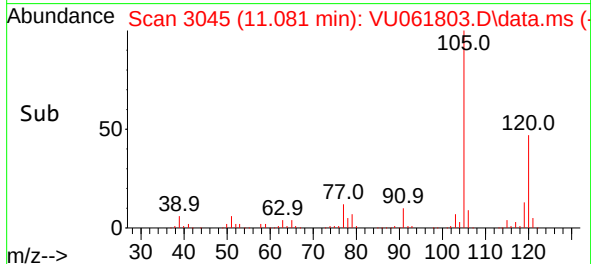
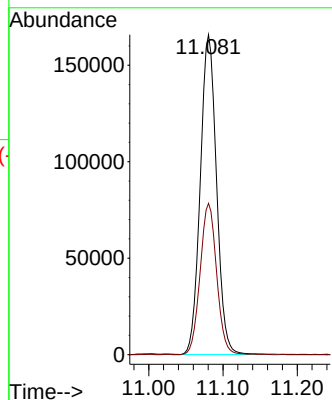
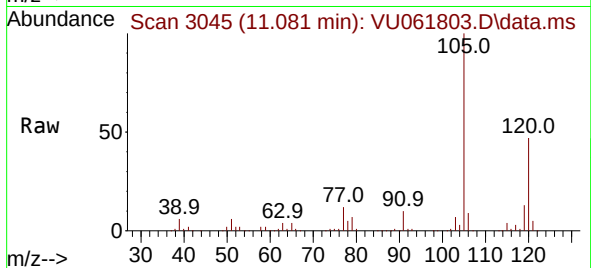
ClientSampleId :

Tgt Ion:105 Resp: 252070

Ion Ratio Lower Upper

105 100

120 48.2 38.5 57.7



#63

1,2,4-Trimethylbenzene

Concen: 4.880 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.000 min

Lab File: VU061803.D

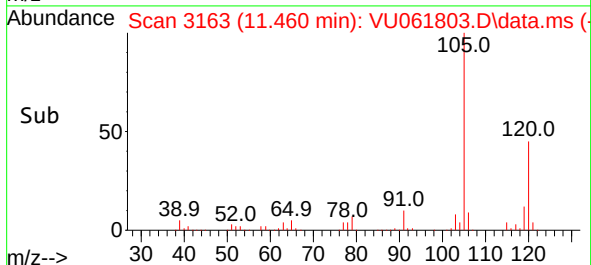
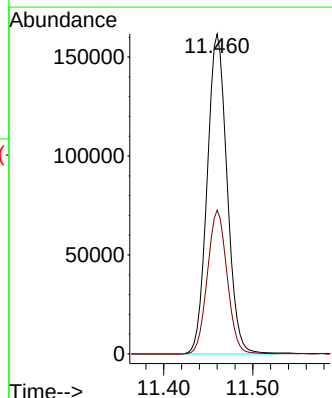
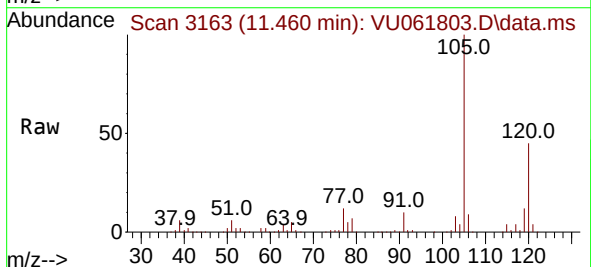
Acq: 18 Nov 2024 10:31

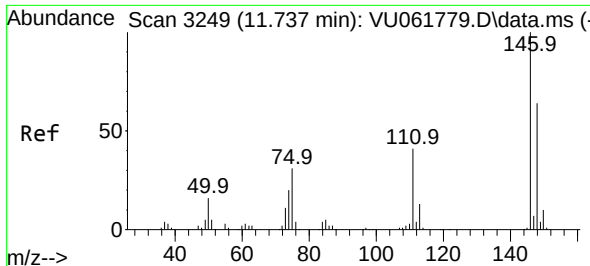
Tgt Ion:105 Resp: 250416

Ion Ratio Lower Upper

105 100

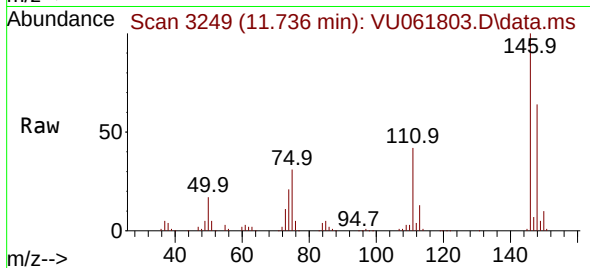
120 44.6 36.3 54.5



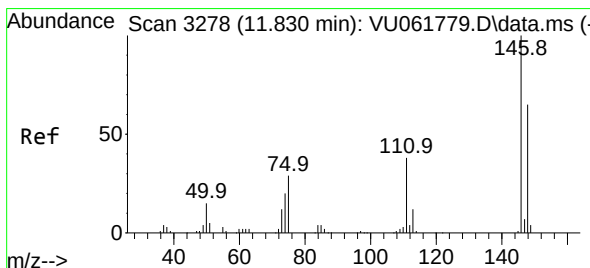
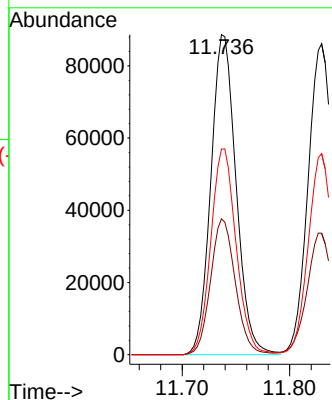
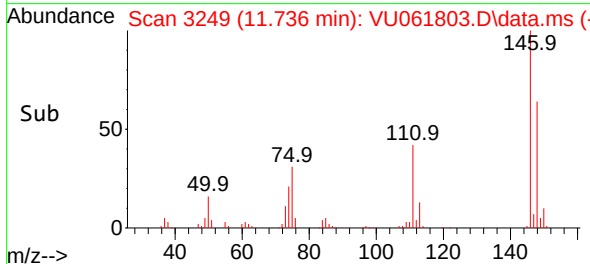


#64
1,3-Dichlorobenzene
Concen: 4.786 ug/L
RT: 11.736 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU061803.D
Acq: 18 Nov 2024 10:31

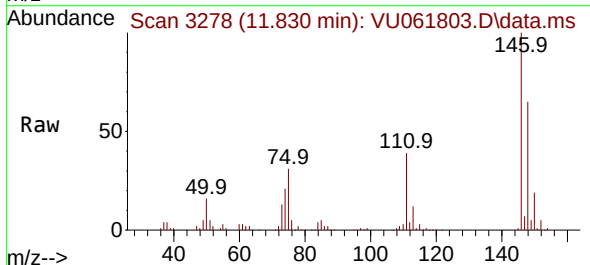
Instrument :
MSVOA_U
ClientSampleId :



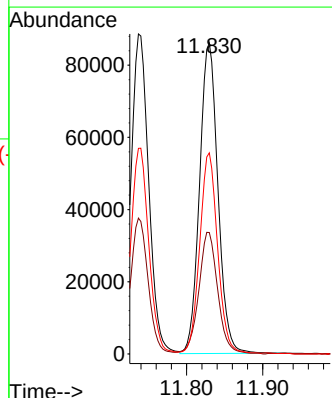
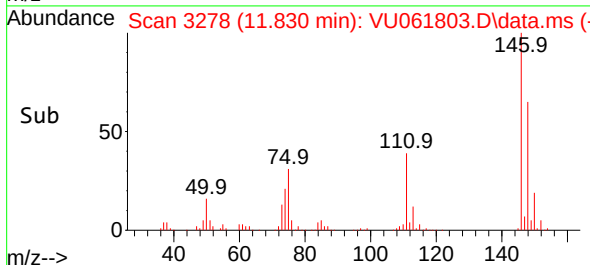
Tgt Ion:146 Resp: 144520
Ion Ratio Lower Upper
146 100
111 42.5 29.3 54.3
148 64.3 44.5 82.7

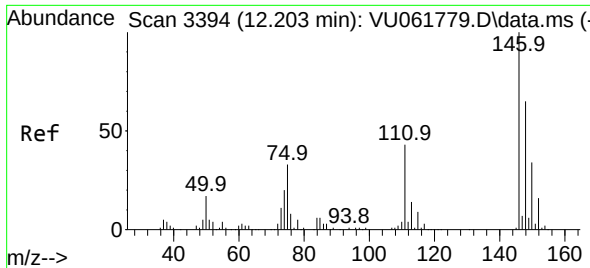


#65
1,4-Dichlorobenzene
Concen: 4.716 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.003 min
Lab File: VU061803.D
Acq: 18 Nov 2024 10:31



Tgt Ion:146 Resp: 144606
Ion Ratio Lower Upper
146 100
111 39.0 28.8 53.4
148 64.7 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 4.833 ug/L

RT: 12.203 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU061803.D

Acq: 18 Nov 2024 10:31

Instrument :

MSVOA_U

ClientSampleId :

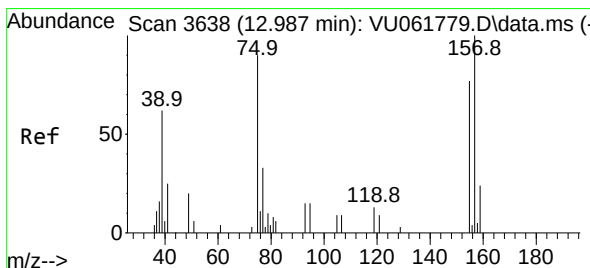
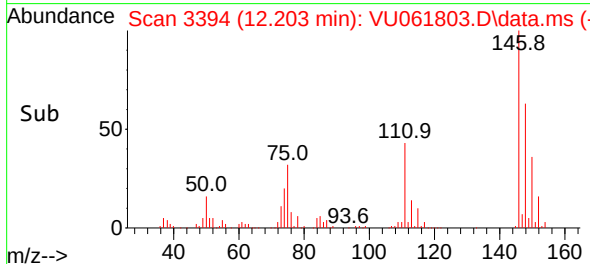
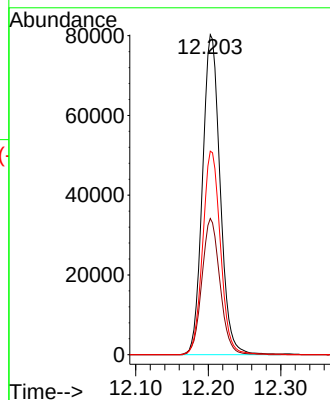
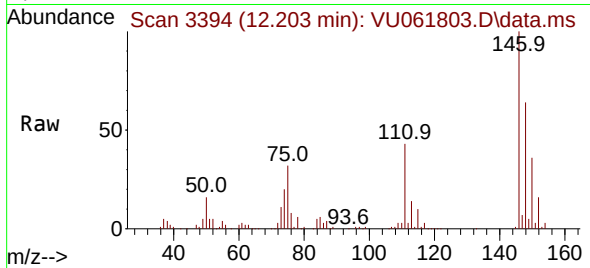
Tgt Ion:146 Resp: 135707

Ion Ratio Lower Upper

146 100

111 42.5 35.2 52.8

148 63.6 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 4.701 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.003 min

Lab File: VU061803.D

Acq: 18 Nov 2024 10:31

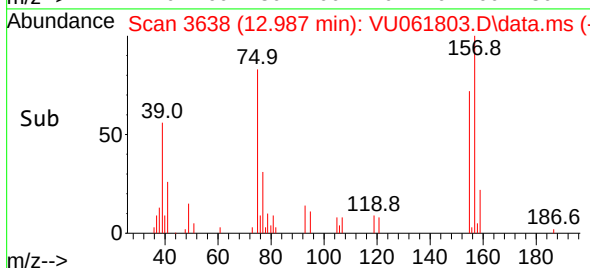
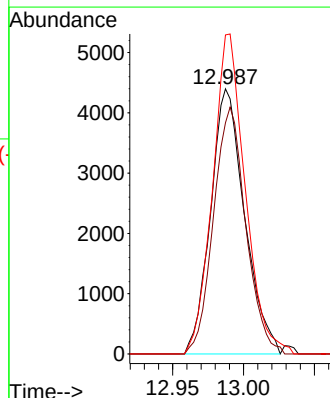
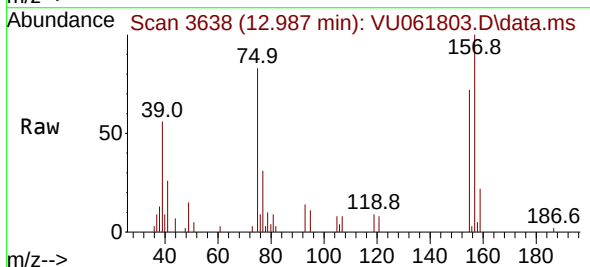
Tgt Ion: 75 Resp: 7341

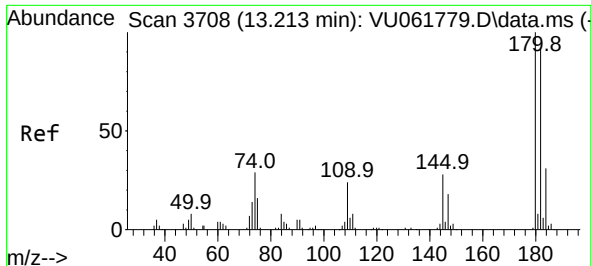
Ion Ratio Lower Upper

75 100

155 87.2 62.6 93.8

157 120.4 84.9 127.3





#69

1,3,5-Trichlorobenzene

Concen: 4.995 ug/L

RT: 13.212 min Scan# 31

Delta R.T. -0.000 min

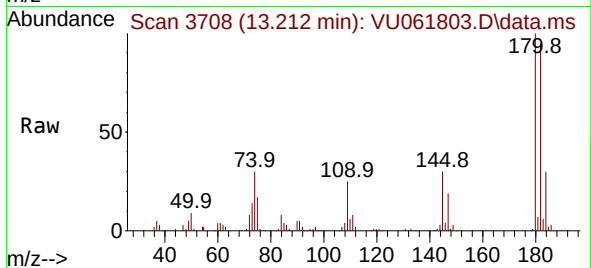
Lab File: VU061803.D

Acq: 18 Nov 2024 10:31

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 105312

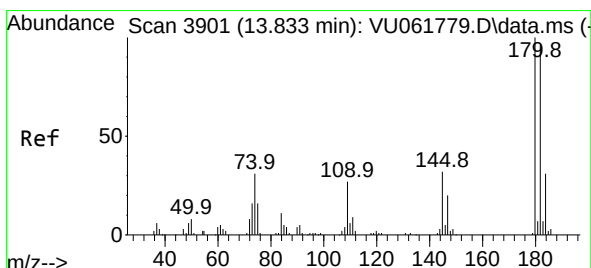
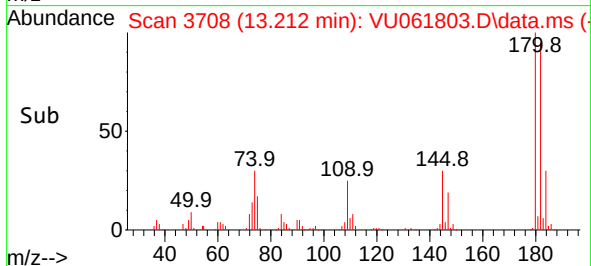
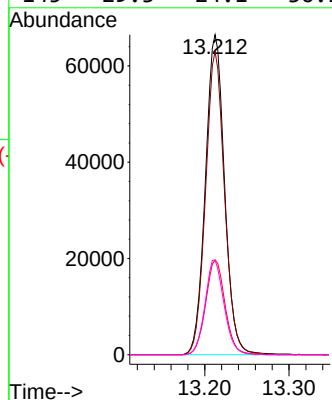
Ion Ratio Lower Upper

180 100

182 93.6 77.1 115.7

184 29.9 24.7 37.1

145 29.3 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 5.094 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU061803.D

Acq: 18 Nov 2024 10:31

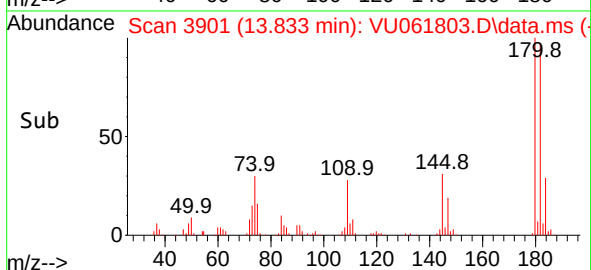
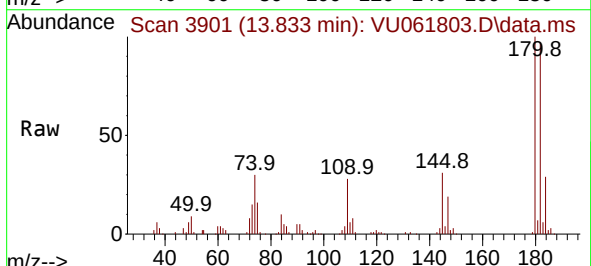
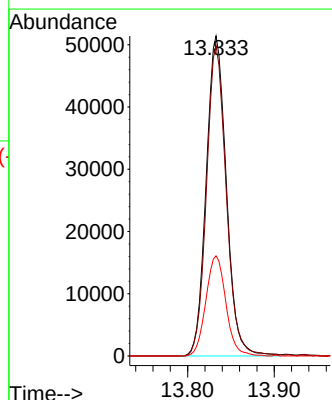
Tgt Ion:180 Resp: 83228

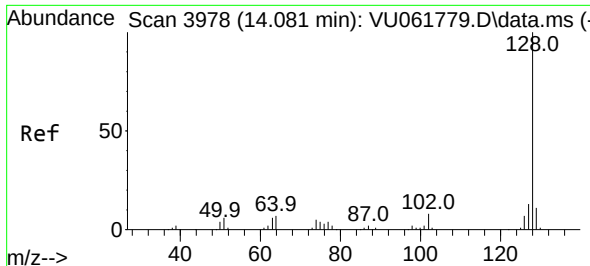
Ion Ratio Lower Upper

180 100

182 95.2 77.4 116.0

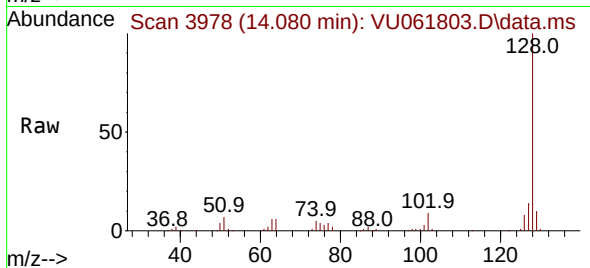
145 31.1 24.5 36.7



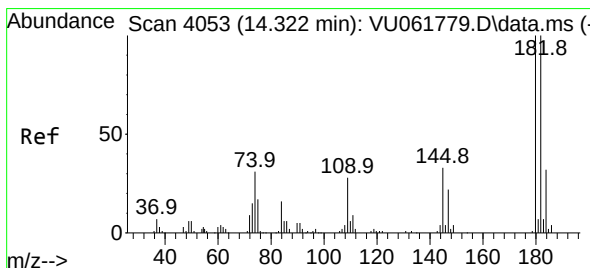
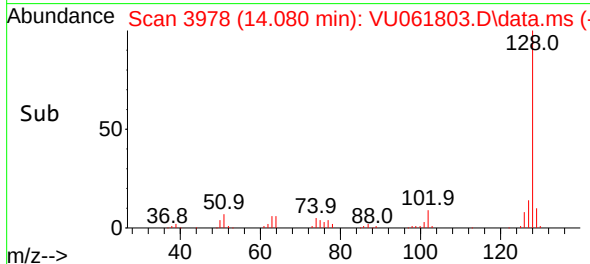
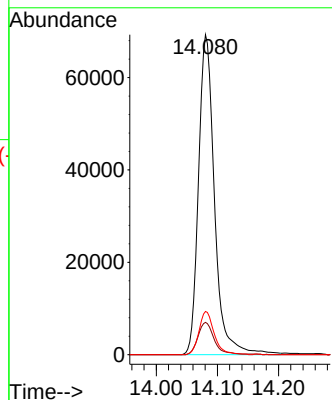


#71
Naphthalene
Concen: 5.377 ug/L
RT: 14.080 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU061803.D
Acq: 18 Nov 2024 10:31

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 126121
Ion Ratio Lower Upper
128 100
129 10.2 8.5 12.7
127 12.9 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 5.206 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU061803.D
Acq: 18 Nov 2024 10:31

Tgt Ion:180 Resp: 71402
Ion Ratio Lower Upper
180 100
182 95.5 76.6 114.8
145 33.0 26.3 39.5

