

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111624\
 Data File : VU061777.D
 Acq On : 17 Nov 2024 05:27
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 18 04:24:59 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	6.238	114	183240	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	176943	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	87463	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	42919	3.625	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.600%
7) Chloroethane-d5	1.911	69	45136	4.466	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.400%
11) 1,1-Dichloroethene-d2	2.560	65	20584	3.875	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.400%
20) 2-Butanone-d5	4.624	46	132727	52.818	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.640%
24) Chloroform-d	5.052	84	109863	4.668	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
26) 1,2-Dichloroethane-d4	5.692	65	53498	4.737	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
32) Benzene-d6	5.718	84	210488	4.300	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
36) 1,2-Dichloropropane-d6	6.682	67	66029	4.573	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.400%
41) Toluene-d8	7.888	98	193374	4.238	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.800%
43) trans-1,3-Dichloroprop...	8.174	79	21912	4.120	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.400%
46) 2-Hexanone-d5	8.624	63	110760	52.706	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.420%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	57579	5.059	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.200%
66) 1,2-Dichlorobenzene-d4	12.184	152	71719	4.604	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	64529	4.738	ug/L	100
3) Chloromethane	1.518	50	59397	4.807	ug/L	100
5) Vinyl chloride	1.602	62	68485	5.023	ug/L	85
6) Bromomethane	1.853	94	34334	4.220	ug/L	96
8) Chloroethane	1.930	64	50833	5.375	ug/L	98
9) Trichlorofluoromethane	2.132	101	96147	4.797	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	60215	5.082	ug/L	99
12) 1,1-Dichloroethene	2.573	96	55734	5.039	ug/L	94
13) Acetone	2.641	43	78519	49.595	ug/L	100
14) Carbon disulfide	2.788	76	165603	4.661	ug/L	99
15) Methyl Acetate	2.952	43	19518	4.934	ug/L	99
16) Methylene chloride	3.039	84	64998	5.099	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	140037	5.165	ug/L	100
18) trans-1,2-Dichloroethene	3.345	96	61380	5.059	ug/L	96
19) 1,1-Dichloroethane	3.856	63	114052	5.156	ug/L	99
21) 2-Butanone	4.705	43	131386	50.813	ug/L	97
22) cis-1,2-Dichloroethene	4.657	96	71598	5.233	ug/L	100
23) Bromochloromethane	4.965	128	32169	5.293	ug/L	98
25) Chloroform	5.078	83	122783	5.266	ug/L	98

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 ALS Vial : 49 Sample Multiplier: 1

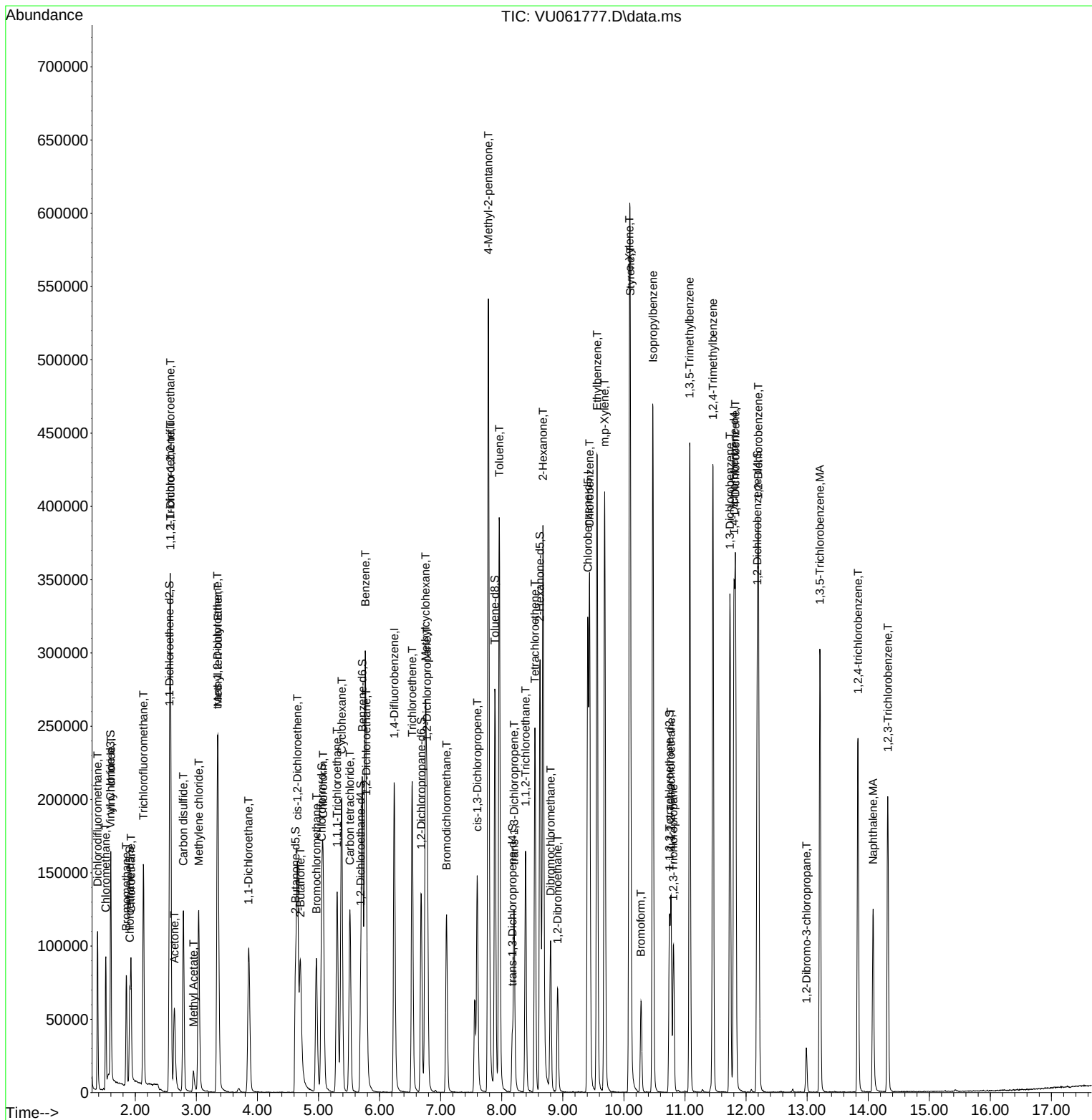
Instrument :
 MSVOA_U
 ClientSampleId :

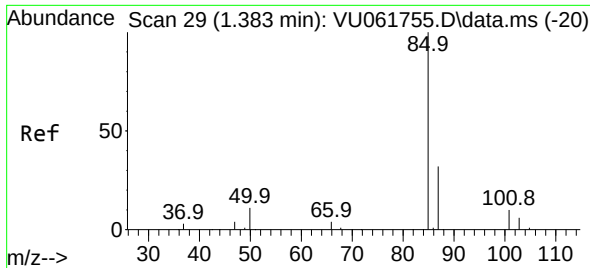
Quant Time: Nov 18 04:24:59 2024
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	73315	5.011	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	100458	4.989	ug/L	100
30) Cyclohexane	5.380	56	99243	4.934	ug/L	98
31) Carbon tetrachloride	5.515	117	85598	4.991	ug/L	98
33) Benzene	5.766	78	270712	5.055	ug/L	100
34) Trichloroethene	6.534	95	75016	5.188	ug/L	97
35) Methylcyclohexane	6.753	83	107226	4.917	ug/L	99
37) 1,2-Dichloropropane	6.779	63	71451	5.259	ug/L	100
38) Bromodichloromethane	7.097	83	81790	5.017	ug/L	99
39) cis-1,3-Dichloropropene	7.599	75	92615	4.790	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	346811	53.240	ug/L	99
42) Toluene	7.962	91	299439	5.193	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	73800	4.812	ug/L	99
45) 1,1,2-Trichloroethane	8.389	97	53087	5.360	ug/L	97
47) Tetrachloroethene	8.544	164	54608	5.026	ug/L	97
48) 2-Hexanone	8.676	43	245058	52.614	ug/L	96
49) Dibromochloromethane	8.801	129	52331	5.039	ug/L	100
50) 1,2-Dibromoethane	8.914	107	48961	5.241	ug/L	96
51) Chlorobenzene	9.438	112	191573	5.162	ug/L	99
52) Ethylbenzene	9.563	91	317483	5.169	ug/L	100
53) m,p-Xylene	9.685	106	121602	5.174	ug/L	97
54) o-Xylene	10.090	106	118451	5.186	ug/L	99
55) Styrene	10.106	104	192146	5.283	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.772	83	63541	5.272	ug/L	95
59) Bromoform	10.280	173	28936	4.998	ug/L	97
60) Isopropylbenzene	10.476	105	313983	5.176	ug/L	99
61) 1,2,3-Trichloropropane	10.811	75	43037	5.223	ug/L	98
62) 1,3,5-Trimethylbenzene	11.077	105	248151	5.110	ug/L	100
63) 1,2,4-Trimethylbenzene	11.457	105	242922	5.139	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	141166	5.075	ug/L	100
65) 1,4-Dichlorobenzene	11.827	146	139513	4.939	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	131940	5.100	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	7405	5.147	ug/L	88
69) 1,3,5-Trichlorobenzene	13.209	180	95374	4.911	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	75229	4.998	ug/L	98
71) Naphthalene	14.081	128	110537	5.115	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	65846	5.211	ug/L	99

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

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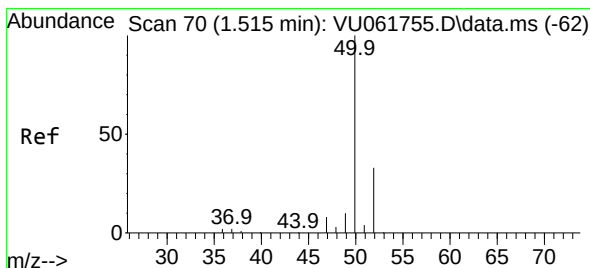
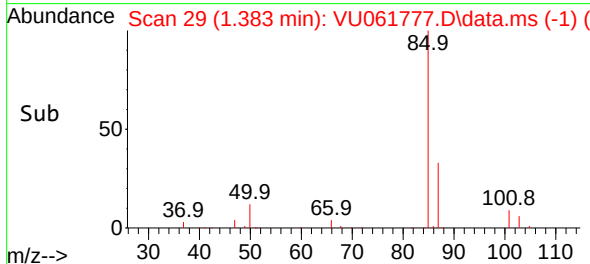
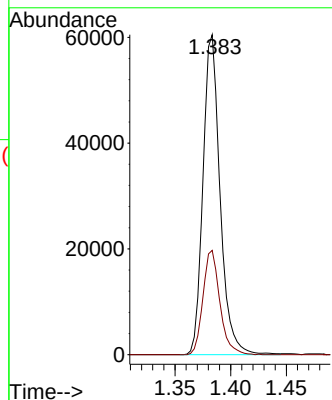
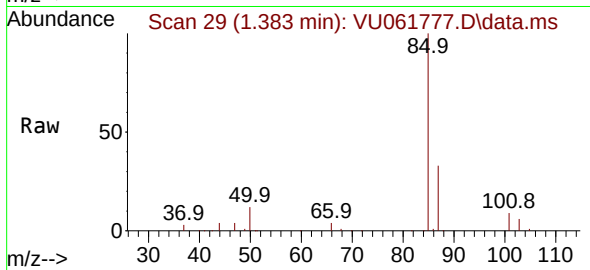




#2
Dichlorodifluoromethane
Concen: 4.738 ug/L
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU061777.D
Acq: 17 Nov 2024 05:27

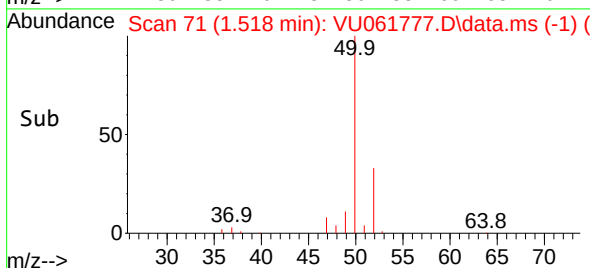
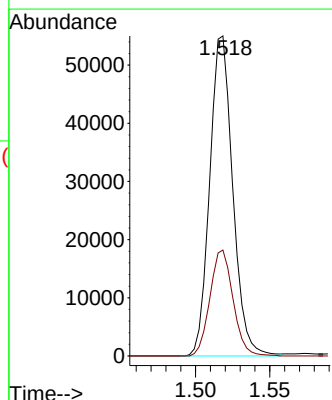
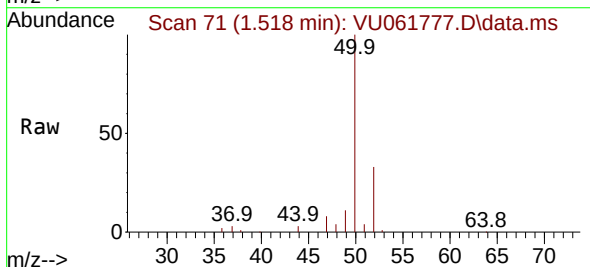
Instrument :
MSVOA_U
ClientSampleId :

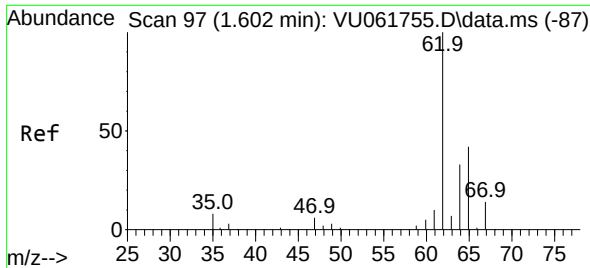
Tgt Ion: 85 Resp: 64529
Ion Ratio Lower Upper
85 100
87 32.2 26.0 39.0



#3
Chloromethane
Concen: 4.807 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU061777.D
Acq: 17 Nov 2024 05:27

Tgt Ion: 50 Resp: 59397
Ion Ratio Lower Upper
50 100
52 33.1 23.2 43.2

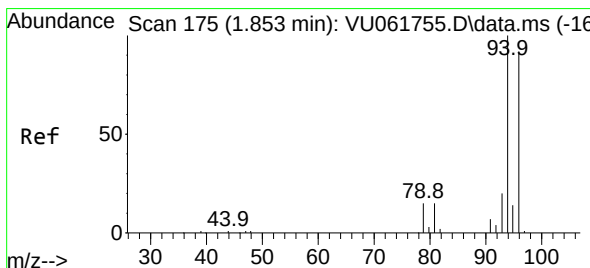
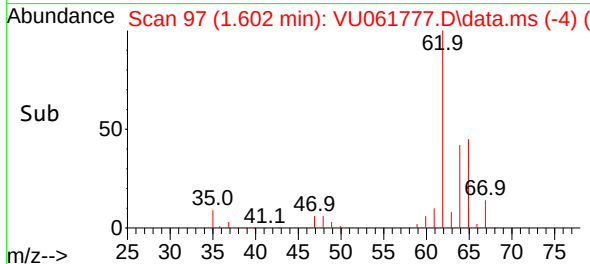
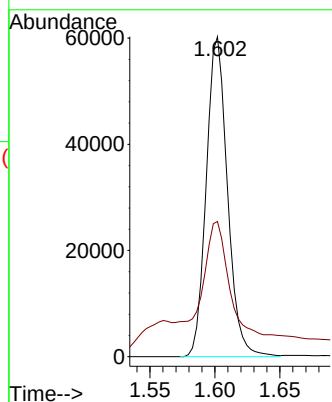
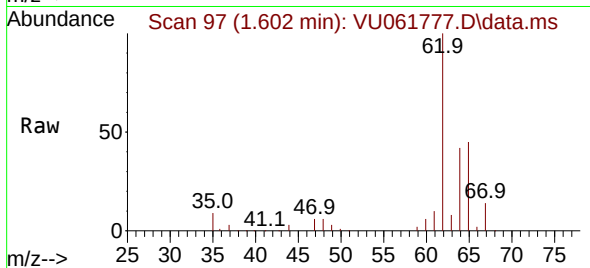




#5
 Vinyl chloride
 Concen: 5.023 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU061777.D
 Acq: 17 Nov 2024 05:27

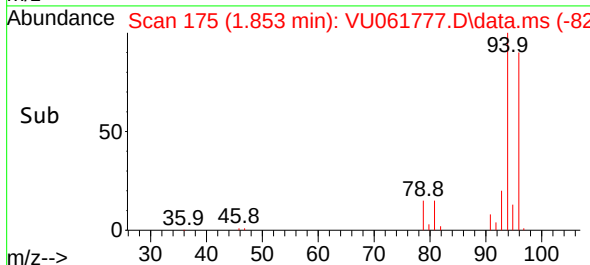
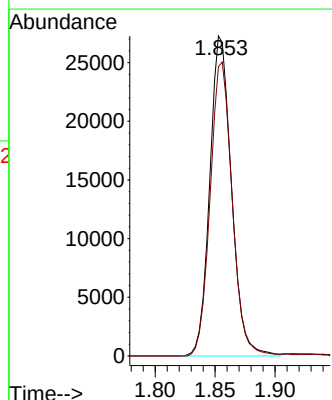
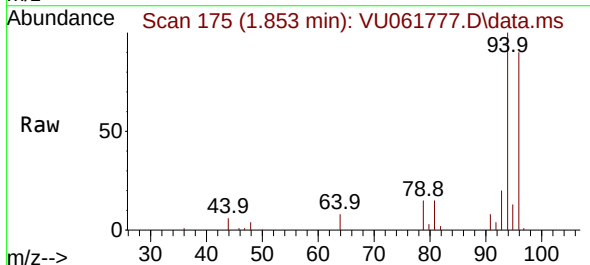
Instrument :
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 ClientSampleId :

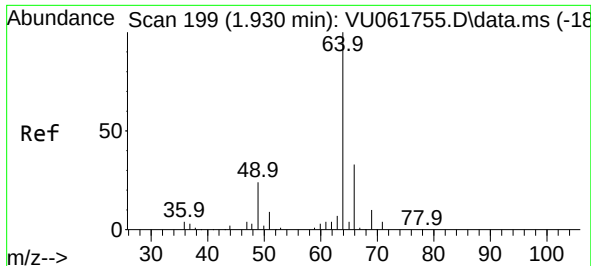
Tgt Ion: 62 Resp: 68485
 Ion Ratio Lower Upper
 62 100
 64 42.3 23.7 44.1



#6
 Bromomethane
 Concen: 4.220 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. 0.000 min
 Lab File: VU061777.D
 Acq: 17 Nov 2024 05:27

Tgt Ion: 94 Resp: 34334
 Ion Ratio Lower Upper
 94 100
 96 90.4 65.7 121.9





#8

Chloroethane

Concen: 5.375 ug/L

RT: 1.930 min Scan# 199

Delta R.T. 0.000 min

Lab File: VU061777.D

Acq: 17 Nov 2024 05:27

Instrument :

MSVOA_U

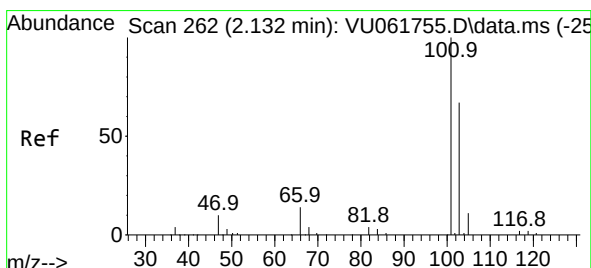
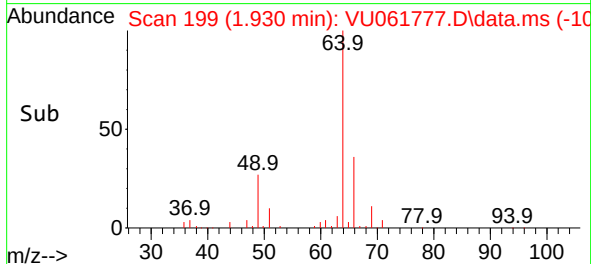
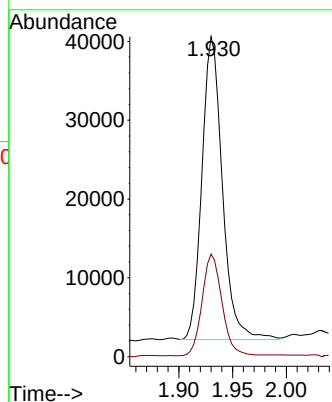
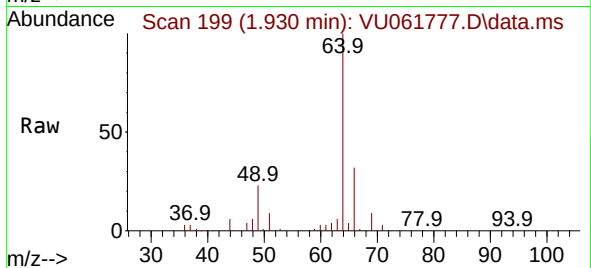
ClientSampleId :

Tgt Ion: 64 Resp: 50833

Ion Ratio Lower Upper

64 100

66 32.1 23.1 42.9



#9

Trichlorofluoromethane

Concen: 4.797 ug/L

RT: 2.132 min Scan# 262

Delta R.T. 0.000 min

Lab File: VU061777.D

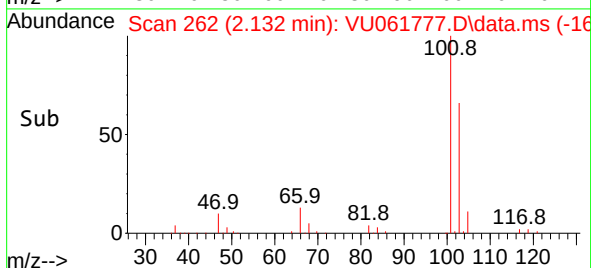
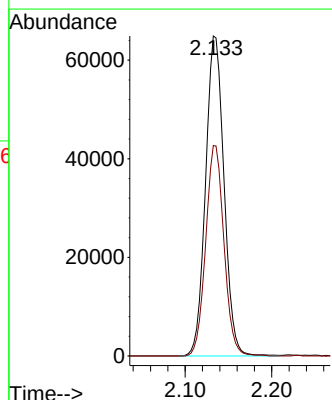
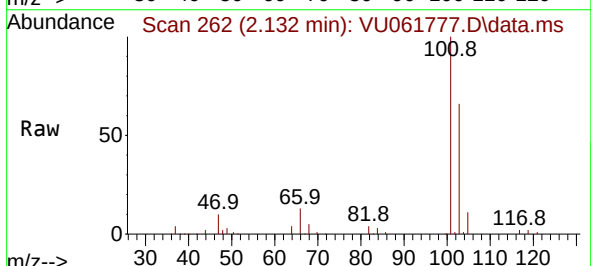
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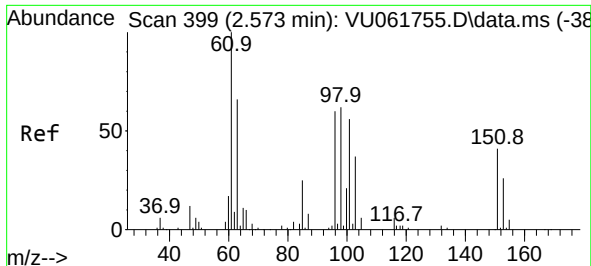
Tgt Ion:101 Resp: 96147

Ion Ratio Lower Upper

101 100

103 65.0 52.2 78.2

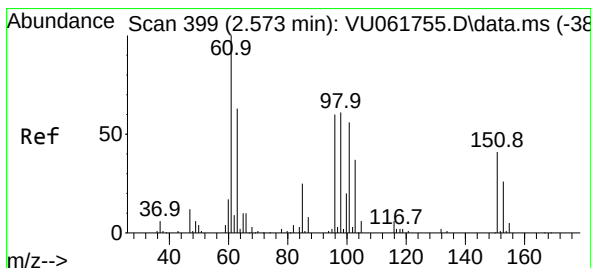
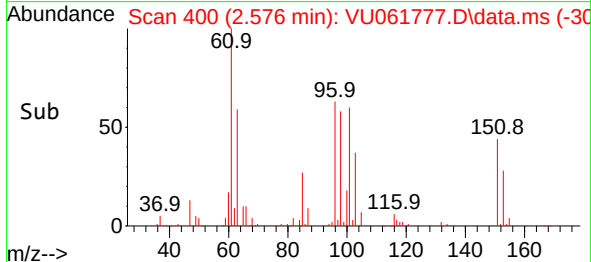
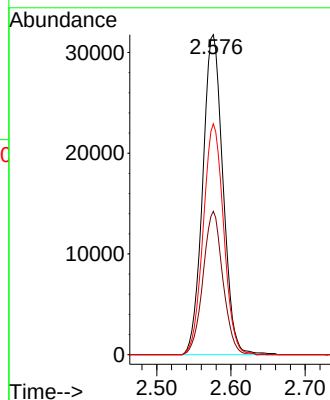
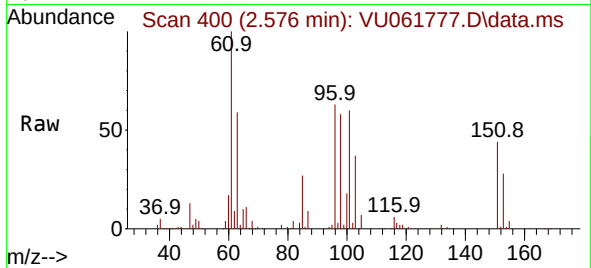




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.082 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU061777.D
Acq: 17 Nov 2024 05:27

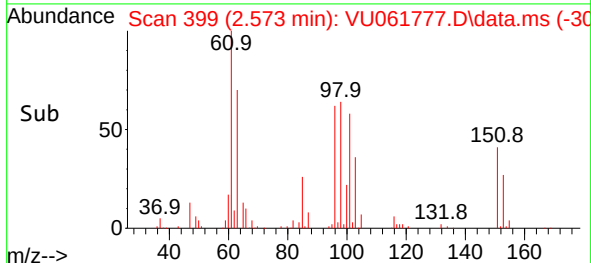
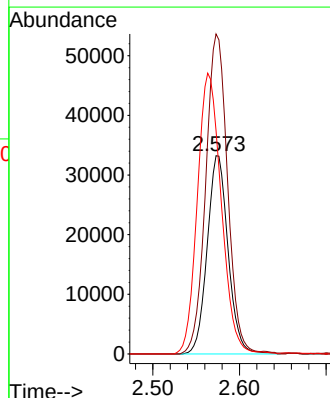
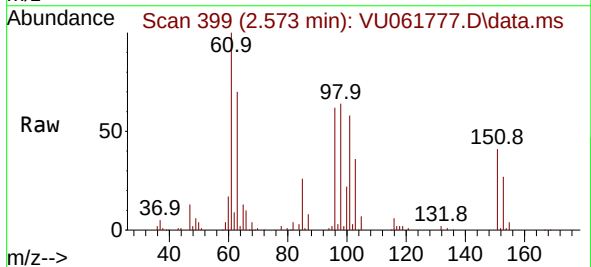
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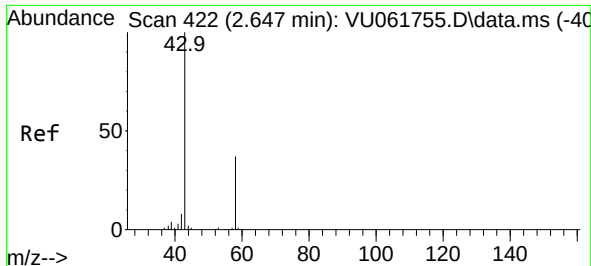
Tgt Ion:101 Resp: 60215
Ion Ratio Lower Upper
101 100
85 43.7 35.1 52.7
151 72.6 56.9 85.3



#12
1,1-Dichloroethene
Concen: 5.039 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU061777.D
Acq: 17 Nov 2024 05:27

Tgt Ion: 96 Resp: 55734
Ion Ratio Lower Upper
96 100
61 161.4 116.8 217.0
63 112.6 86.1 159.9





#13

Acetone

Concen: 49.595 ug/L

RT: 2.641 min Scan# 41

Delta R.T. -0.006 min

Lab File: VU061777.D

Acq: 17 Nov 2024 05:27

Instrument :

MSVOA_U

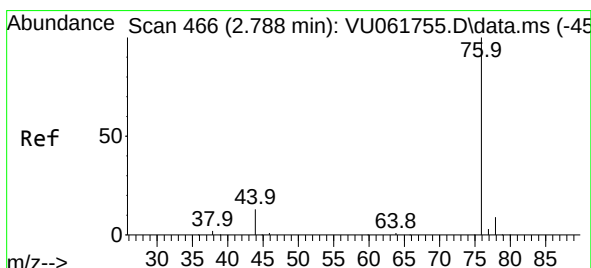
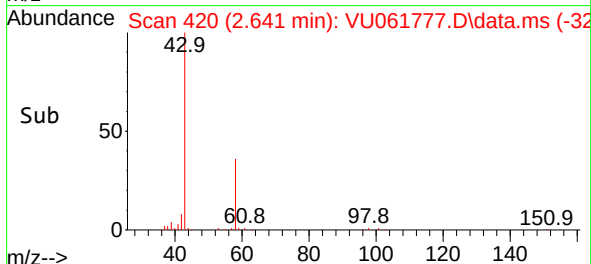
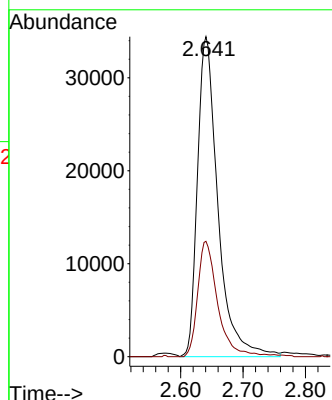
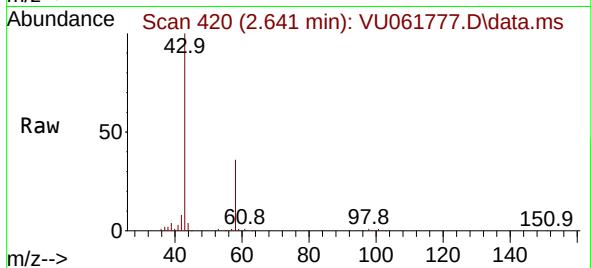
ClientSampleId :

Tgt Ion: 43 Resp: 78519

Ion Ratio Lower Upper

43 100

58 35.0 0.0 69.8



#14

Carbon disulfide

Concen: 4.661 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU061777.D

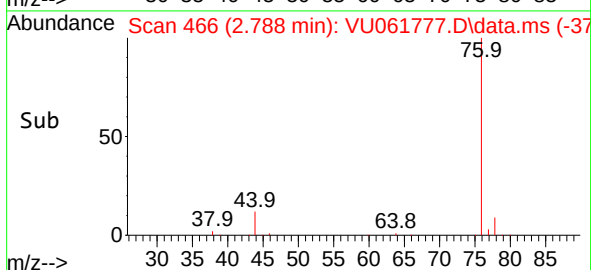
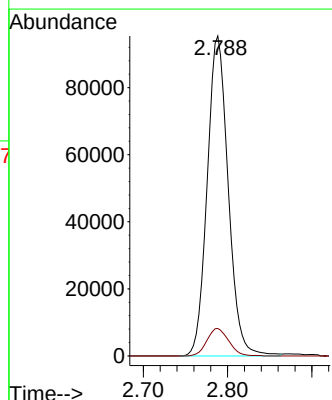
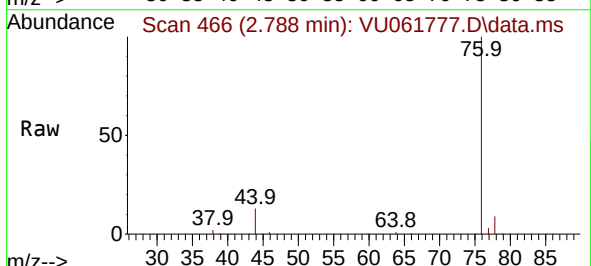
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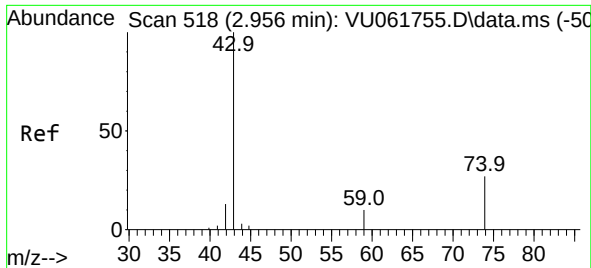
Tgt Ion: 76 Resp: 165603

Ion Ratio Lower Upper

76 100

78 8.6 7.3 10.9

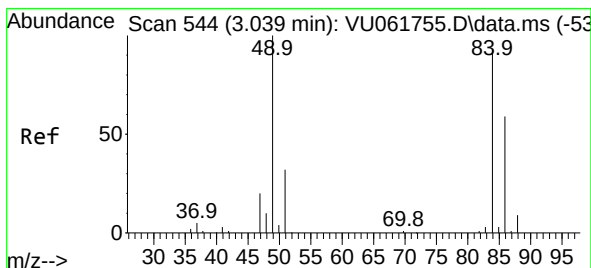
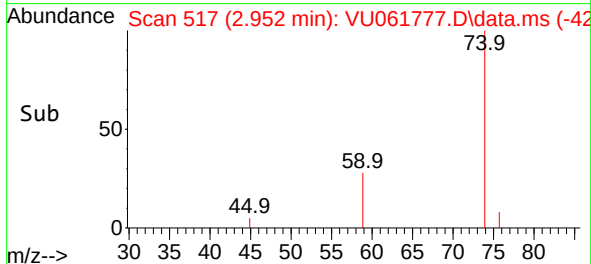
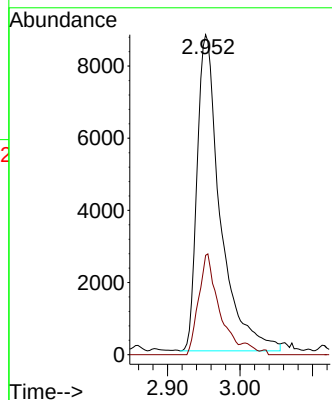
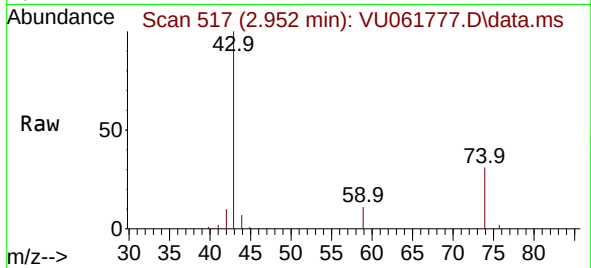




#15
Methyl Acetate
Concen: 4.934 ug/L
RT: 2.952 min Scan# 518
Delta R.T. -0.003 min
Lab File: VU061777.D
Acq: 17 Nov 2024 05:27

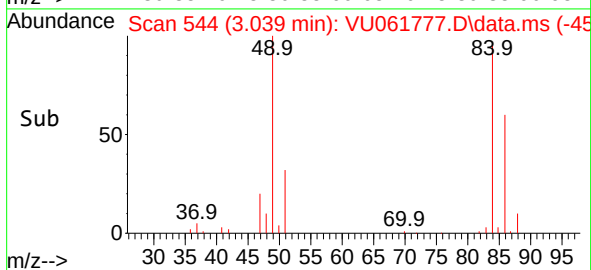
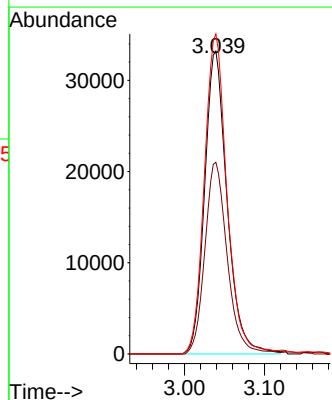
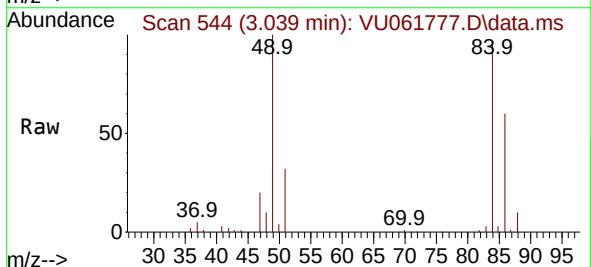
Instrument :
MSVOA_U
ClientSampleId :

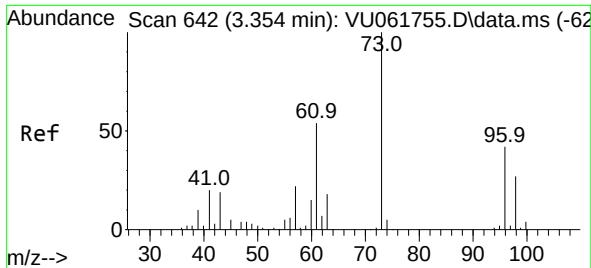
Tgt Ion: 43 Resp: 19518
Ion Ratio Lower Upper
43 100
74 27.7 22.5 33.7



#16
Methylene chloride
Concen: 5.099 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU061777.D
Acq: 17 Nov 2024 05:27

Tgt Ion: 84 Resp: 64998
Ion Ratio Lower Upper
84 100
86 63.3 45.1 83.7
49 105.6 76.3 141.7

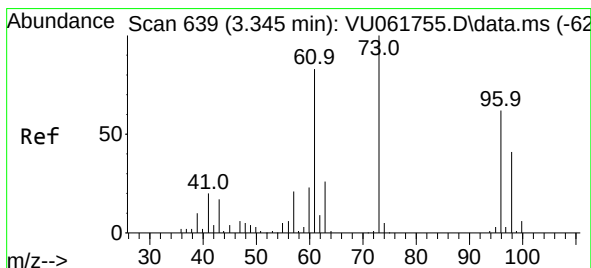
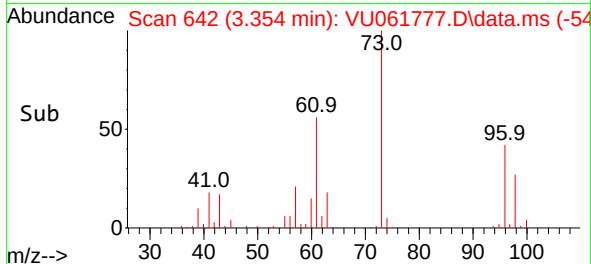
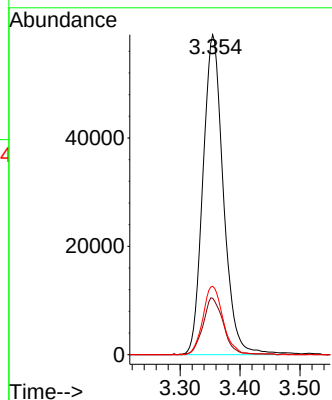
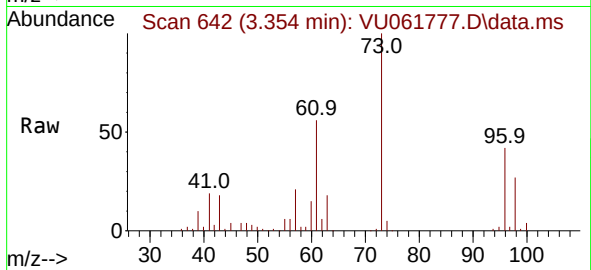




#17
Methyl tert-butyl Ether
Concen: 5.165 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU061777.D
Acq: 17 Nov 2024 05:27

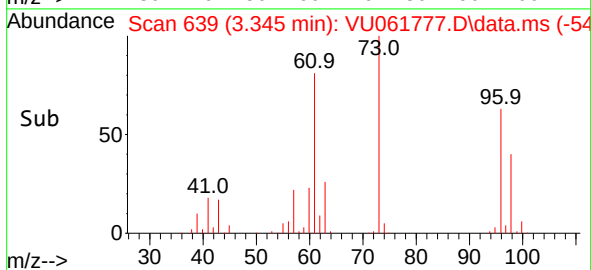
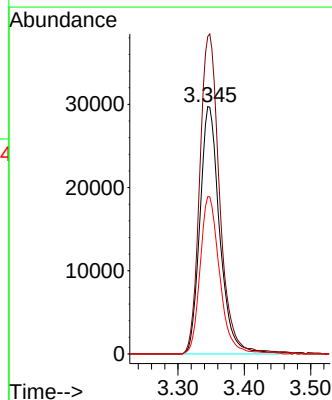
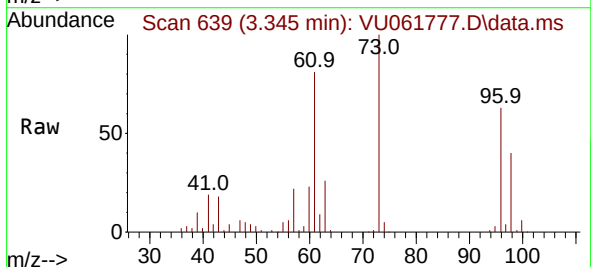
Instrument :
MSVOA_U
ClientSampleId :

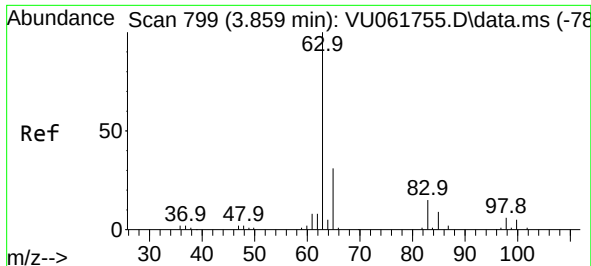
Tgt Ion: 73 Resp: 140037
Ion Ratio Lower Upper
73 100
43 17.9 14.2 21.4
57 21.1 16.9 25.3



#18
trans-1,2-Dichloroethene
Concen: 5.059 ug/L
RT: 3.345 min Scan# 639
Delta R.T. 0.000 min
Lab File: VU061777.D
Acq: 17 Nov 2024 05:27

Tgt Ion: 96 Resp: 61380
Ion Ratio Lower Upper
96 100
61 128.3 94.1 174.8
98 63.6 43.2 80.2





#19

1,1-Dichloroethane

Concen: 5.156 ug/L

RT: 3.856 min Scan# 799

Delta R.T. -0.003 min

Lab File: VU061777.D

Acq: 17 Nov 2024 05:27

Instrument :

MSVOA_U

ClientSampleId :

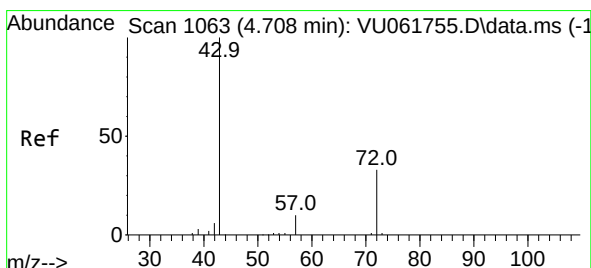
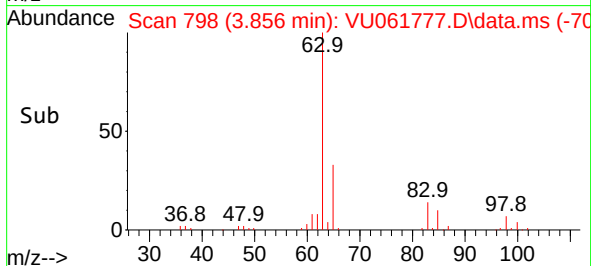
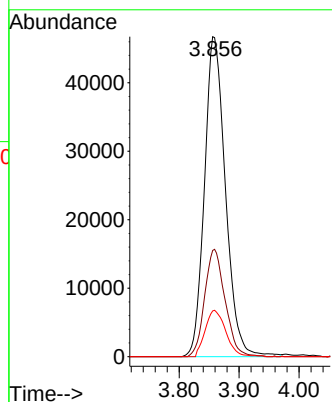
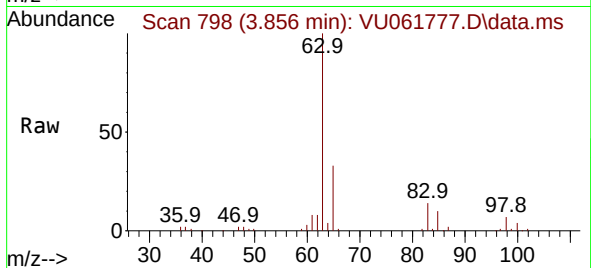
Tgt Ion: 63 Resp: 114052

Ion Ratio Lower Upper

63 100

65 33.2 23.4 43.4

83 14.3 9.6 17.8



#21

2-Butanone

Concen: 50.813 ug/L

RT: 4.705 min Scan# 1062

Delta R.T. -0.003 min

Lab File: VU061777.D

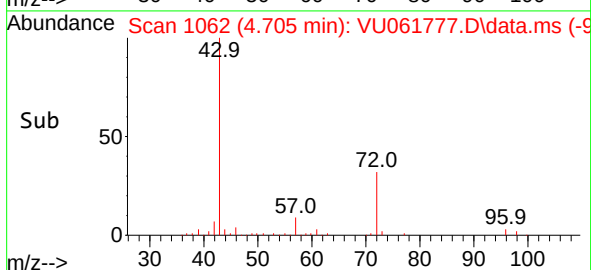
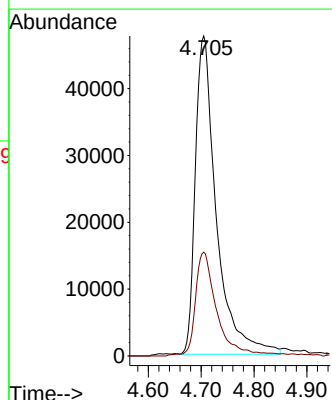
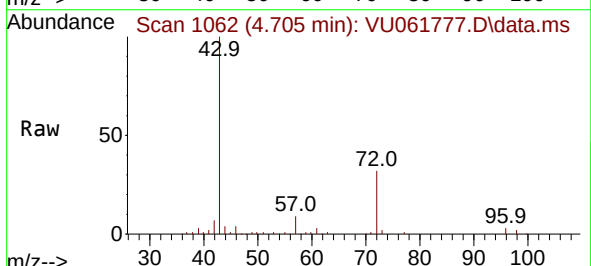
Acq: 17 Nov 2024 05:27

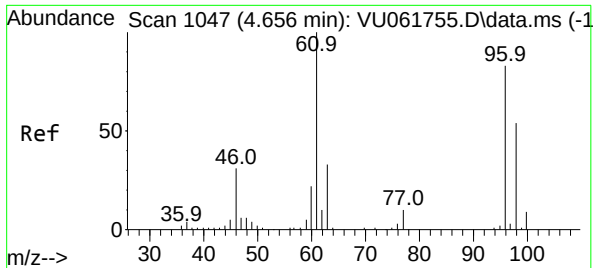
Tgt Ion: 43 Resp: 131386

Ion Ratio Lower Upper

43 100

72 33.2 15.8 47.3

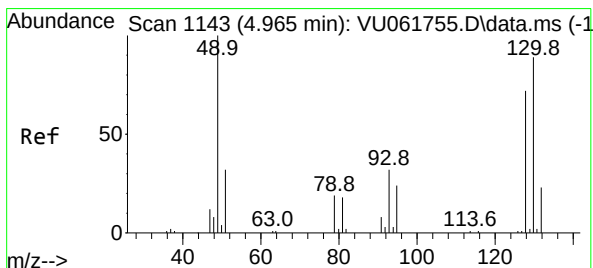
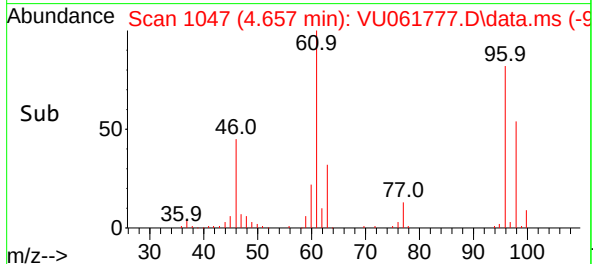
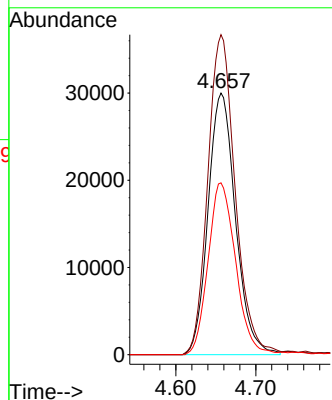
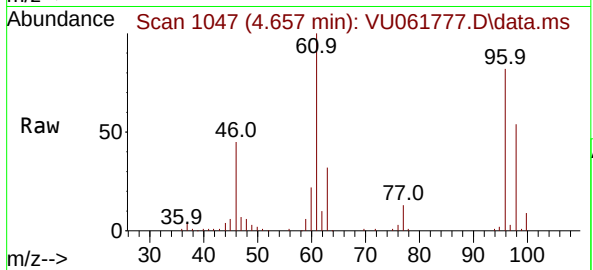




#22
 cis-1,2-Dichloroethene
 Concen: 5.233 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. 0.000 min
 Lab File: VU061777.D
 Acq: 17 Nov 2024 05:27

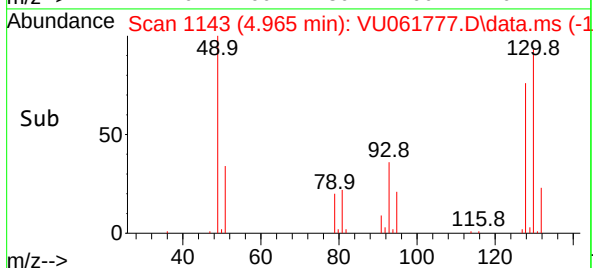
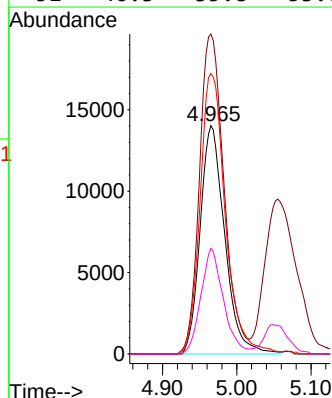
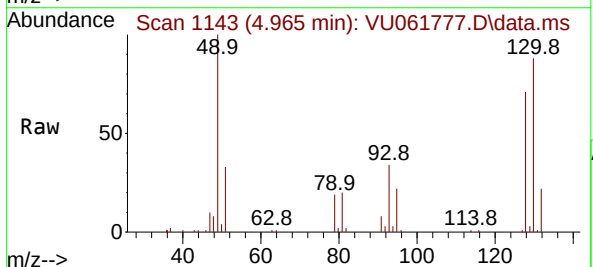
Instrument :
 MSVOA_U
 ClientSampleId :

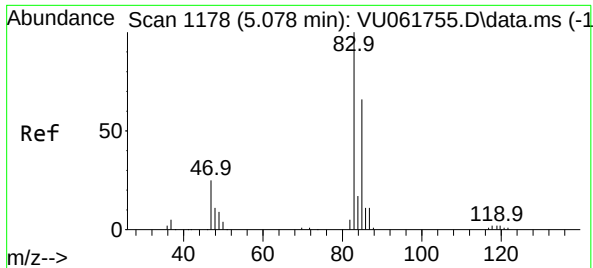
Tgt Ion:	96	Resp:	71598
Ion	Ratio	Lower	Upper
96	100		
61	122.3	85.6	159.0
98	65.7	45.6	84.8



#23
 Bromochloromethane
 Concen: 5.293 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. 0.000 min
 Lab File: VU061777.D
 Acq: 17 Nov 2024 05:27

Tgt Ion:	128	Resp:	32169
Ion	Ratio	Lower	Upper
128	100		
49	140.2	99.1	184.1
130	122.8	88.6	164.6
51	46.3	35.8	53.6





#25

Chloroform

Concen: 5.266 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU061777.D

Acq: 17 Nov 2024 05:27

Instrument :

MSVOA_U

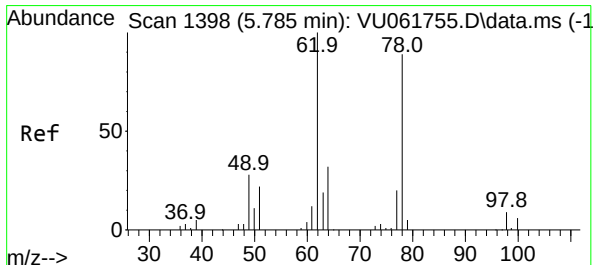
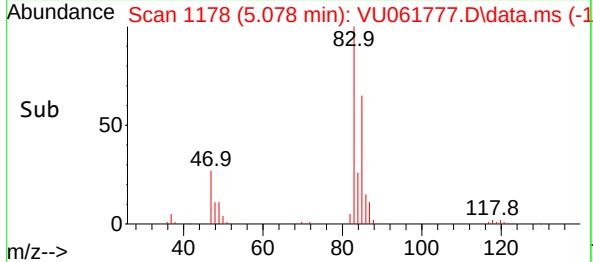
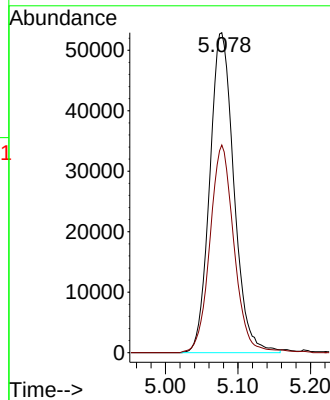
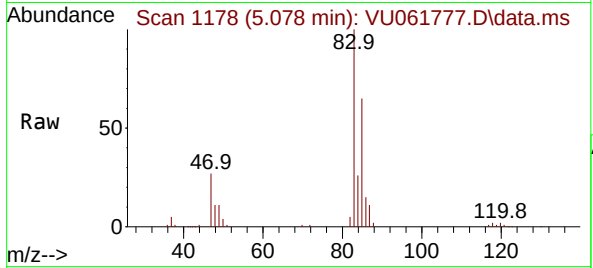
ClientSampleId :

Tgt Ion: 83 Resp: 122783

Ion Ratio Lower Upper

83 100

85 64.9 44.1 81.9



#27

1,2-Dichloroethane

Concen: 5.011 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VU061777.D

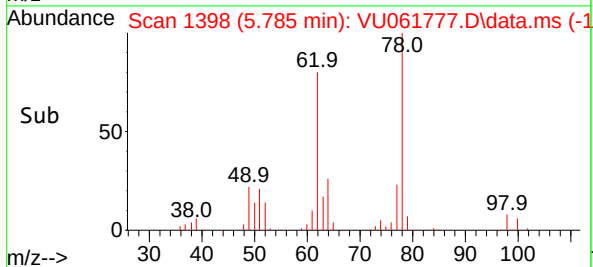
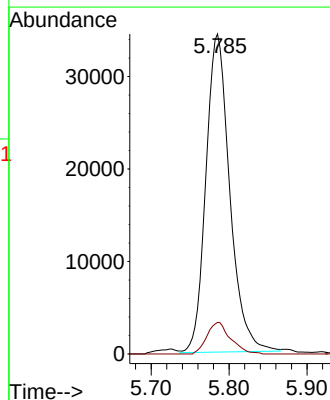
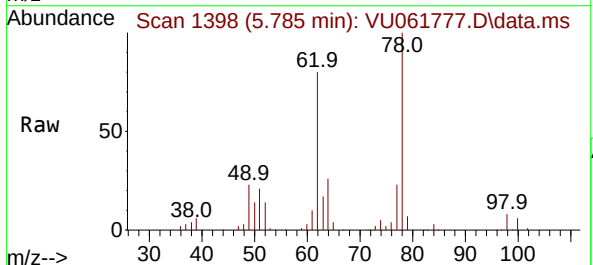
Acq: 17 Nov 2024 05:27

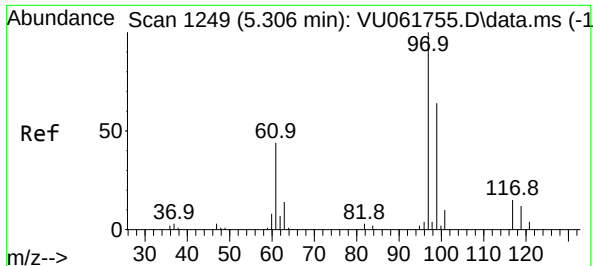
Tgt Ion: 62 Resp: 73315

Ion Ratio Lower Upper

62 100

98 9.9 7.7 11.5





#29

1,1,1-Trichloroethane

Concen: 4.989 ug/L

RT: 5.306 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU061777.D

Acq: 17 Nov 2024 05:27

Instrument :

MSVOA_U

ClientSampleId :

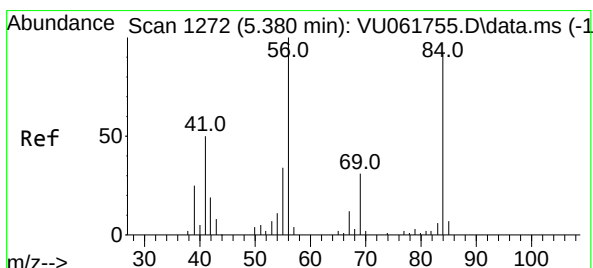
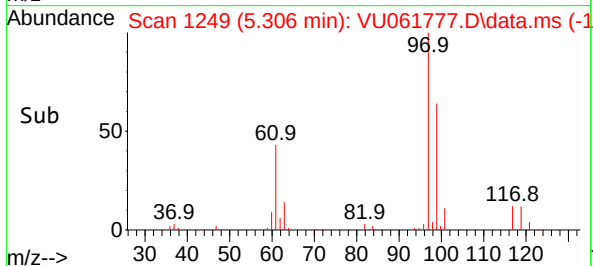
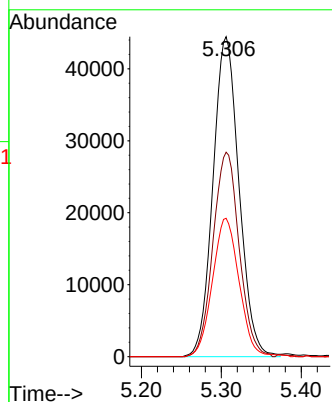
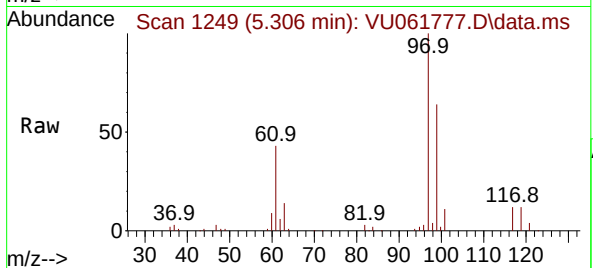
Tgt Ion: 97 Resp: 100458

Ion Ratio Lower Upper

97 100

99 64.3 51.7 77.5

61 44.4 35.4 53.0



#30

Cyclohexane

Concen: 4.934 ug/L

RT: 5.380 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VU061777.D

Acq: 17 Nov 2024 05:27

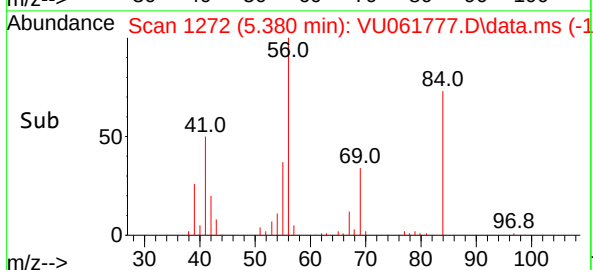
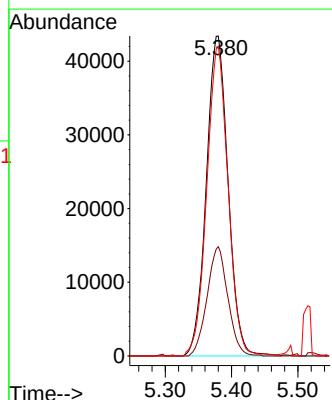
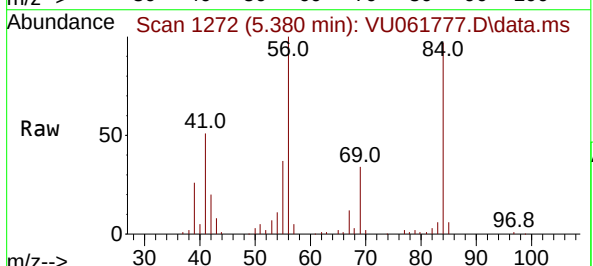
Tgt Ion: 56 Resp: 99243

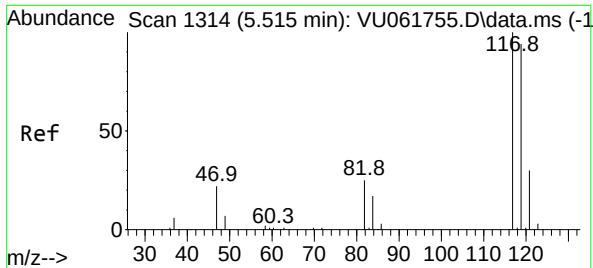
Ion Ratio Lower Upper

56 100

69 32.6 25.6 38.4

84 94.7 74.3 111.5

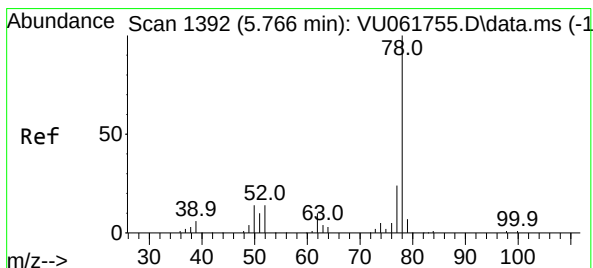
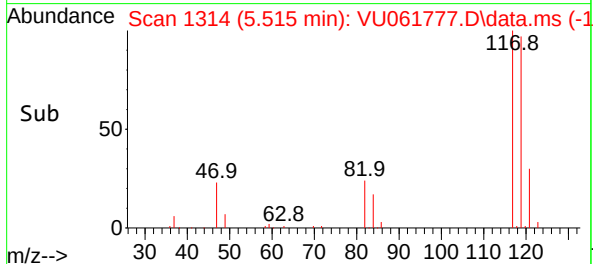
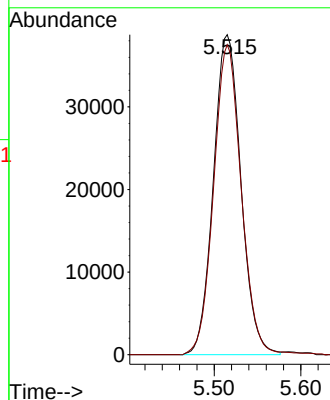
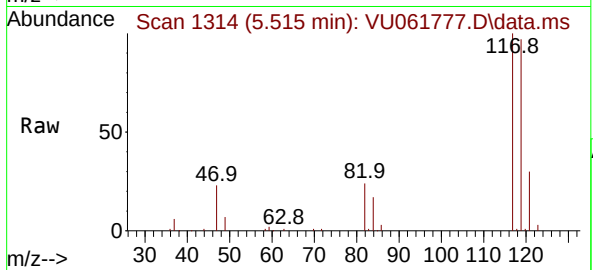




#31
Carbon tetrachloride
Concen: 4.991 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VU061777.D
Acq: 17 Nov 2024 05:27

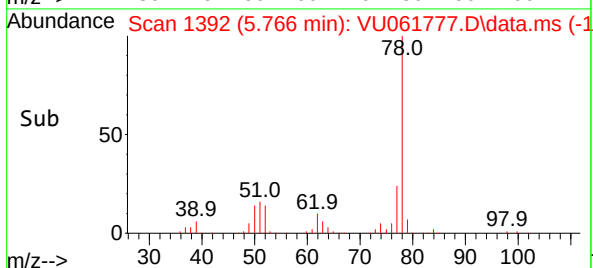
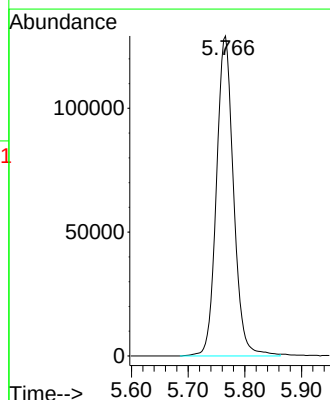
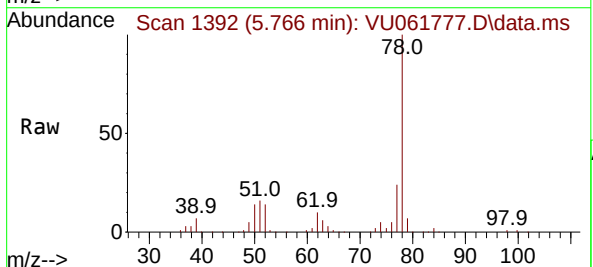
Instrument :
MSVOA_U
ClientSampleId :

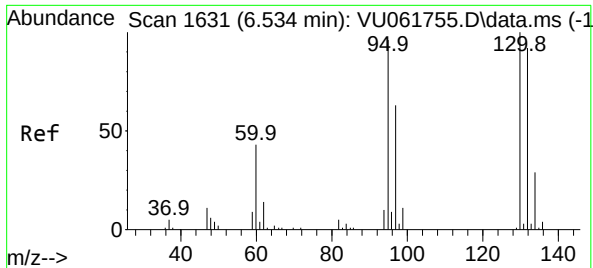
Tgt Ion:117 Resp: 85598
Ion Ratio Lower Upper
117 100
119 97.2 76.6 114.8



#33
Benzene
Concen: 5.055 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU061777.D
Acq: 17 Nov 2024 05:27

Tgt Ion: 78 Resp: 270712



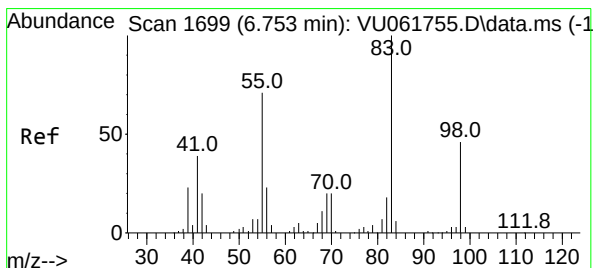
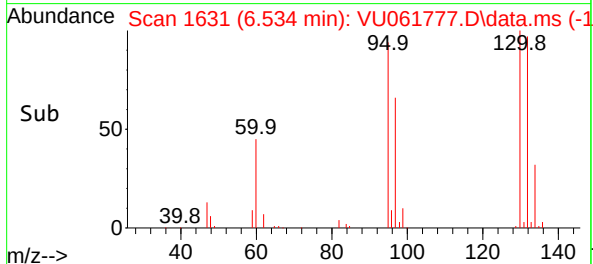
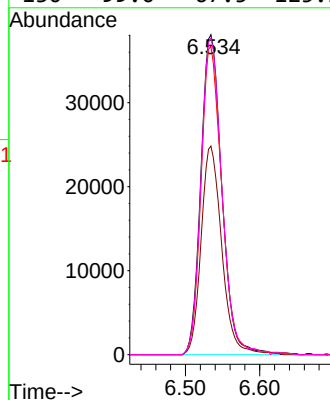
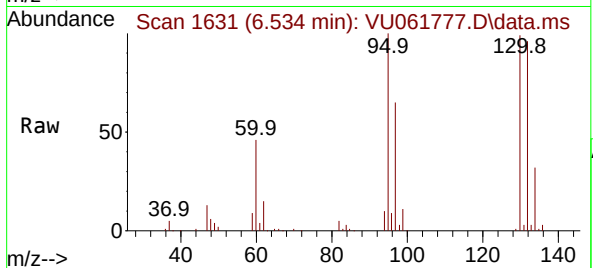


#34
Trichloroethene
Concen: 5.188 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VU061777.D
Acq: 17 Nov 2024 05:27

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 75016

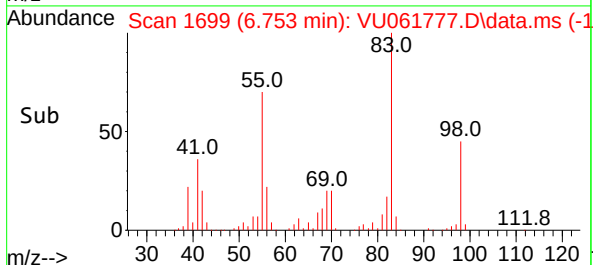
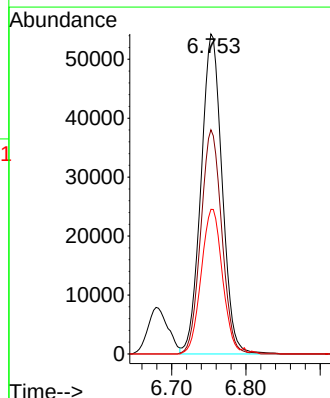
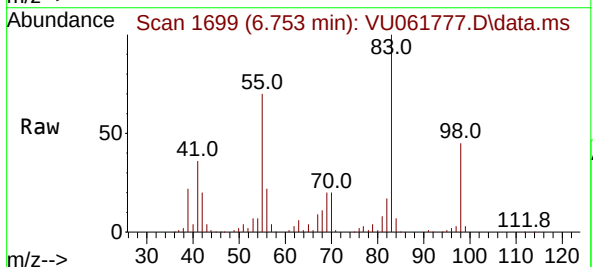
Ion	Ratio	Lower	Upper
95	100		
97	65.2	43.5	80.9
132	96.4	65.2	121.0
130	99.0	67.5	125.3

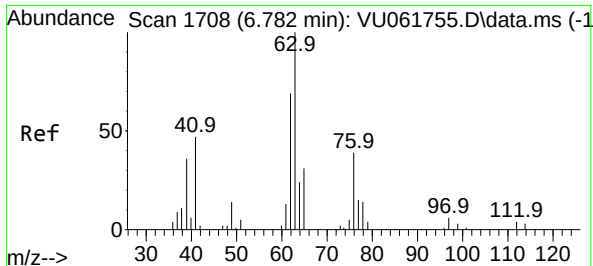


#35
Methylcyclohexane
Concen: 4.917 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VU061777.D
Acq: 17 Nov 2024 05:27

Tgt Ion: 83 Resp: 107226

Ion	Ratio	Lower	Upper
83	100		
55	69.8	56.4	84.6
98	45.8	37.7	56.5





#37

1,2-Dichloropropane

Concen: 5.259 ug/L

RT: 6.779 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU061777.D

Acq: 17 Nov 2024 05:27

Instrument :

MSVOA_U

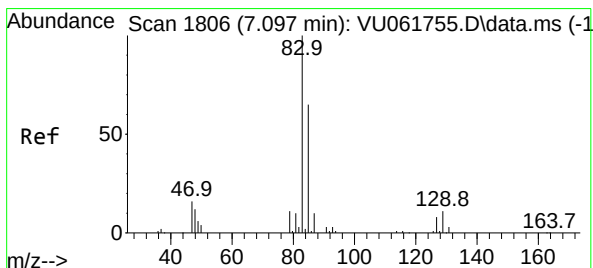
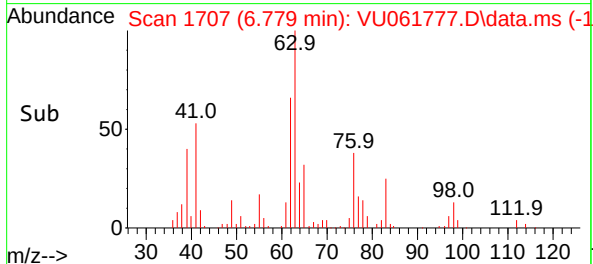
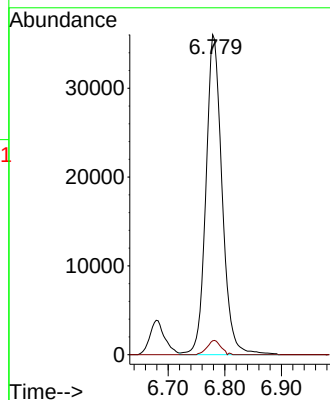
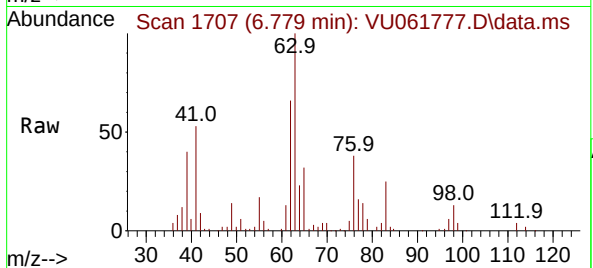
ClientSampleId :

Tgt Ion: 63 Resp: 71451

Ion Ratio Lower Upper

63 100

112 3.8 3.0 4.4



#38

Bromodichloromethane

Concen: 5.017 ug/L

RT: 7.097 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VU061777.D

Acq: 17 Nov 2024 05:27

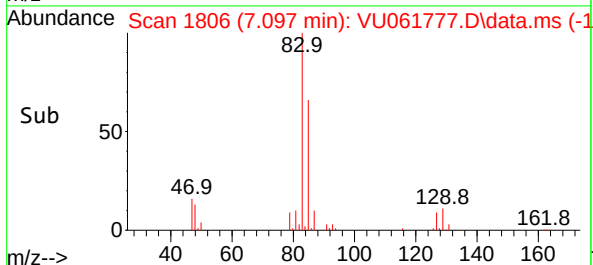
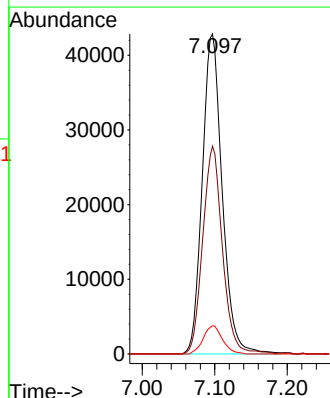
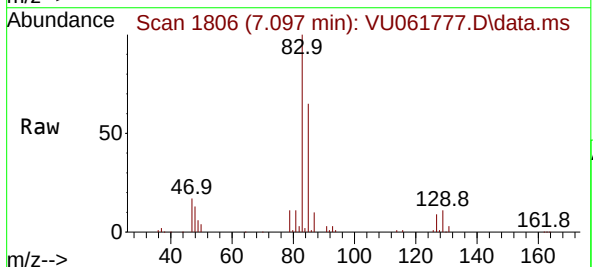
Tgt Ion: 83 Resp: 81790

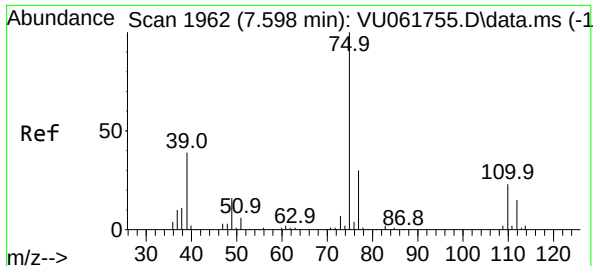
Ion Ratio Lower Upper

83 100

85 64.9 45.0 83.6

127 8.8 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 4.790 ug/L

RT: 7.599 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VU061777.D

Acq: 17 Nov 2024 05:27

Instrument :

MSVOA_U

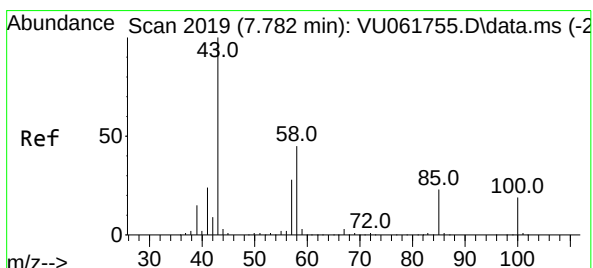
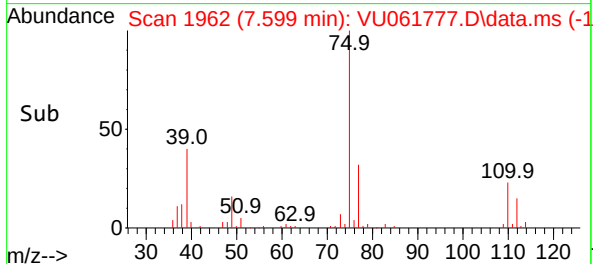
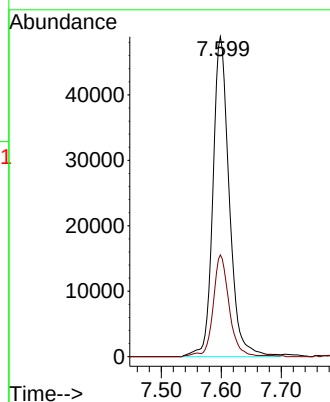
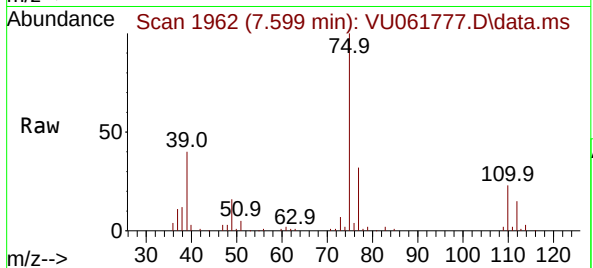
ClientSampleId :

Tgt Ion: 75 Resp: 92615

Ion Ratio Lower Upper

75 100

77 31.8 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 53.240 ug/L

RT: 7.782 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VU061777.D

Acq: 17 Nov 2024 05:27

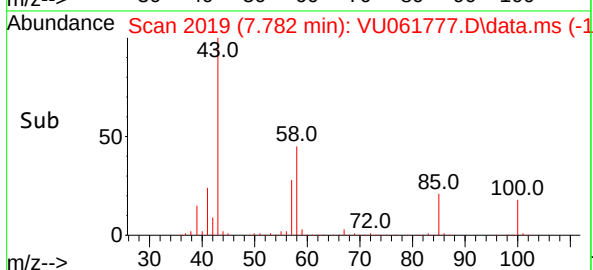
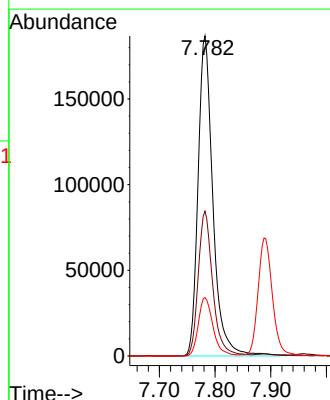
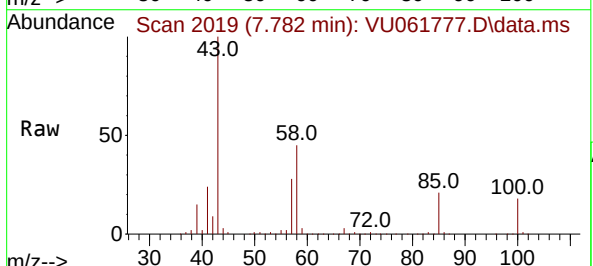
Tgt Ion: 43 Resp: 346811

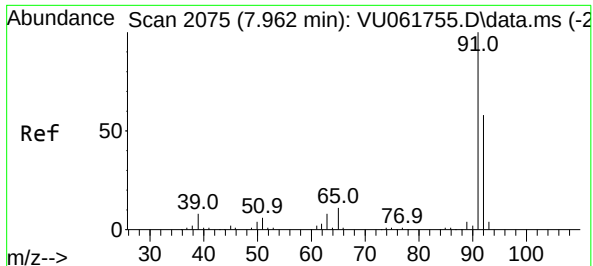
Ion Ratio Lower Upper

43 100

58 44.1 35.7 53.5

100 18.0 14.2 21.2





#42

Toluene

Concen: 5.193 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU061777.D

Acq: 17 Nov 2024 05:27

Instrument :

MSVOA_U

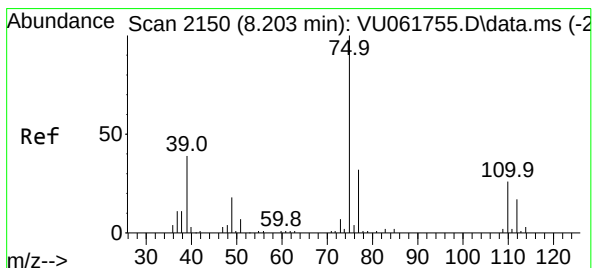
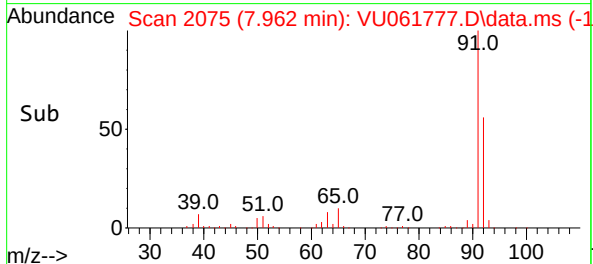
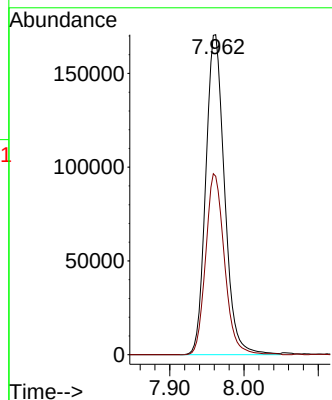
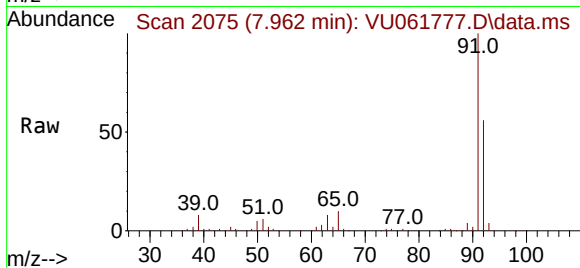
ClientSampleId :

Tgt Ion: 91 Resp: 299439

Ion Ratio Lower Upper

91 100

92 55.7 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 4.812 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU061777.D

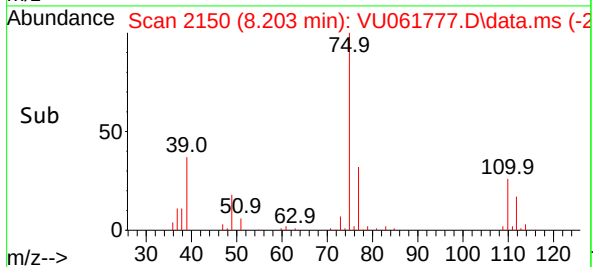
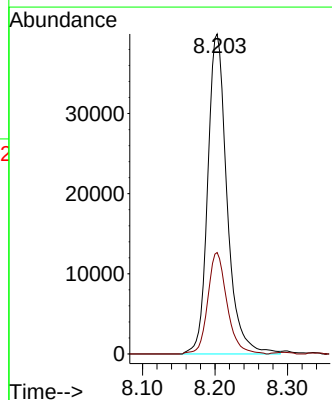
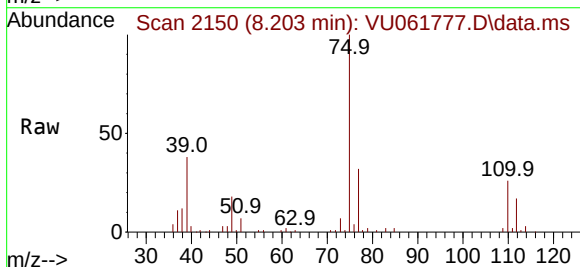
Acq: 17 Nov 2024 05:27

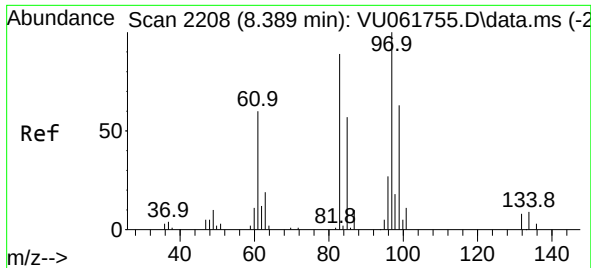
Tgt Ion: 75 Resp: 73800

Ion Ratio Lower Upper

75 100

77 31.7 21.7 40.3

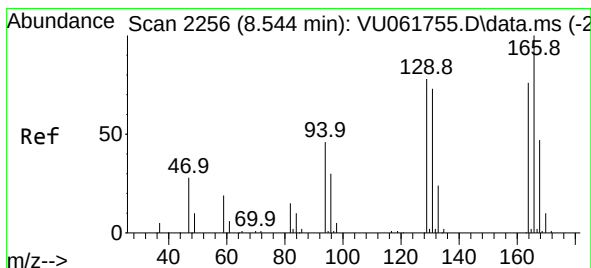
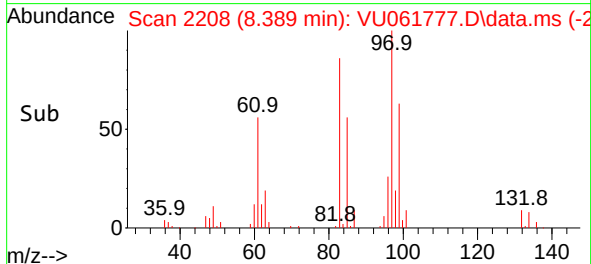
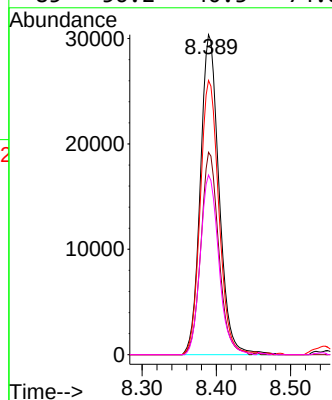
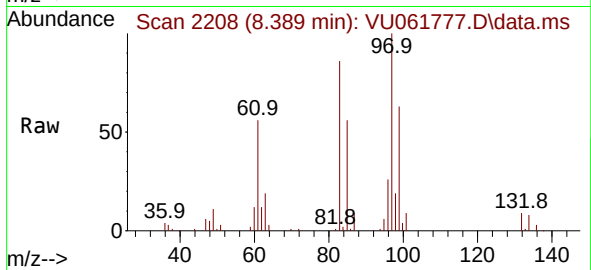




#45
1,1,2-Trichloroethane
Concen: 5.360 ug/L
RT: 8.389 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU061777.D
Acq: 17 Nov 2024 05:27

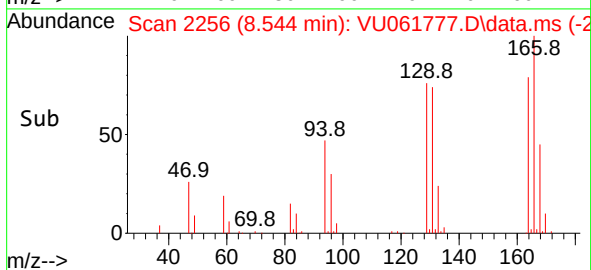
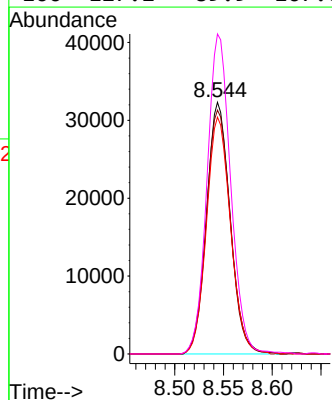
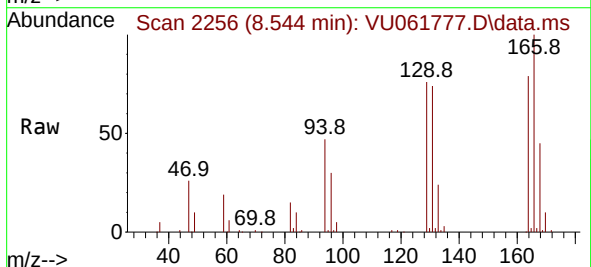
Instrument :
MSVOA_U
ClientSampleId :

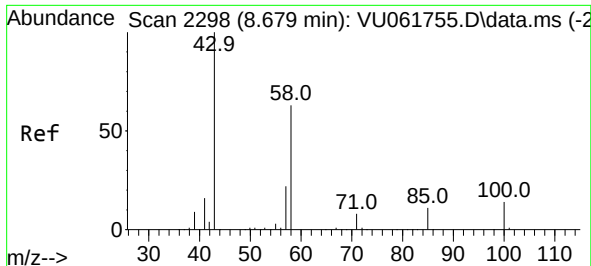
Tgt Ion:	97	Resp:	53087
Ion	Ratio	Lower	Upper
97	100		
99	63.3	43.8	81.3
83	85.7	63.2	117.4
85	56.2	40.3	74.8



#47
Tetrachloroethene
Concen: 5.026 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.000 min
Lab File: VU061777.D
Acq: 17 Nov 2024 05:27

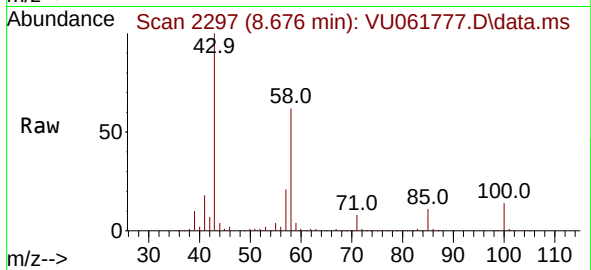
Tgt Ion:	164	Resp:	54608
Ion	Ratio	Lower	Upper
164	100		
129	96.9	71.7	133.3
131	94.1	68.2	126.6
166	127.2	89.9	167.0



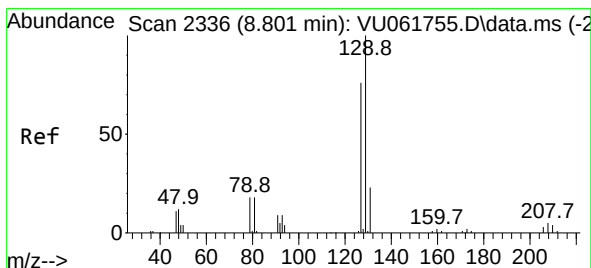
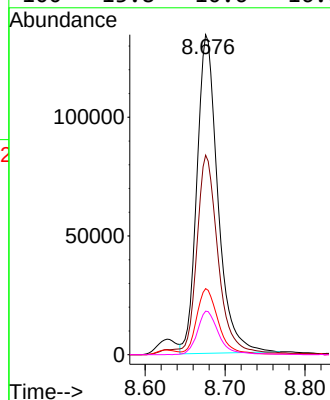
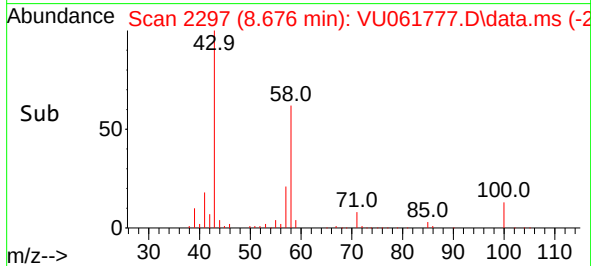


#48
2-Hexanone
Concen: 52.614 ug/L
RT: 8.676 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU061777.D
Acq: 17 Nov 2024 05:27

Instrument :
MSVOA_U
ClientSampleId :

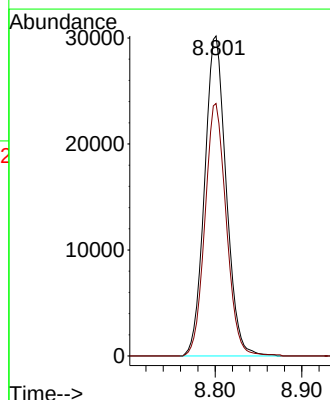
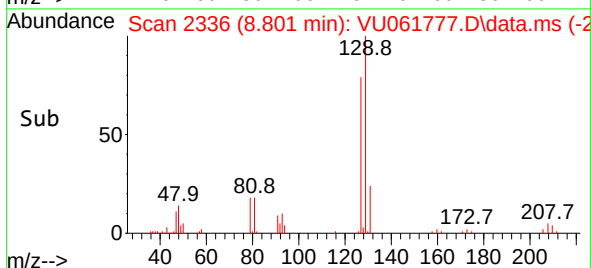
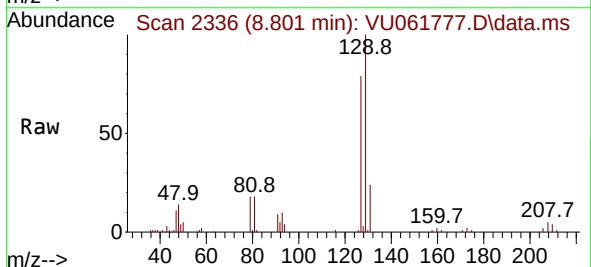


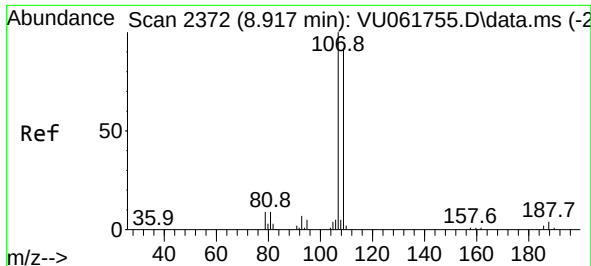
Tgt Ion: 43 Resp: 245058
Ion Ratio Lower Upper
43 100
58 65.9 49.4 74.2
57 21.1 16.3 24.5
100 13.8 10.6 16.0



#49
Dibromochloromethane
Concen: 5.039 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU061777.D
Acq: 17 Nov 2024 05:27

Tgt Ion: 129 Resp: 52331
Ion Ratio Lower Upper
129 100
127 78.9 55.1 102.3





#50

1,2-Dibromoethane

Concen: 5.241 ug/L

RT: 8.914 min Scan# 21

Delta R.T. -0.003 min

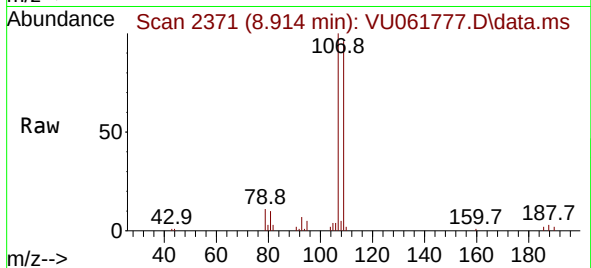
Lab File: VU061777.D

Acq: 17 Nov 2024 05:27

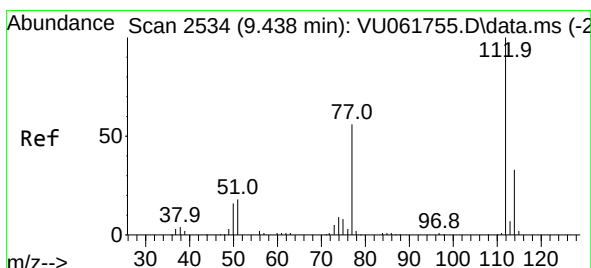
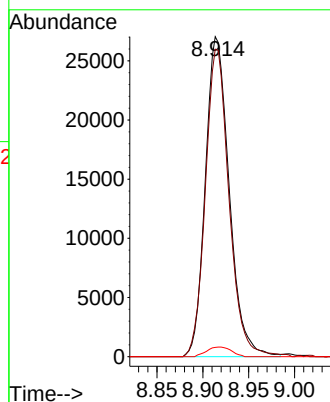
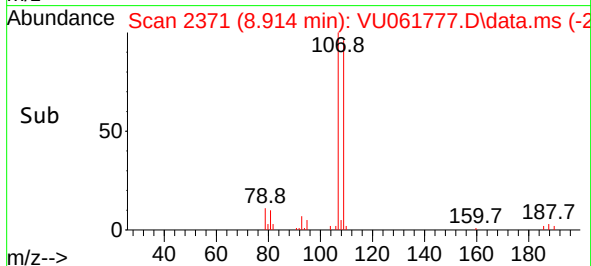
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	107	Resp:	48961
Ion	Ratio	Lower	Upper
107	100		
109	96.1	64.8	120.4
188	2.9	2.5	3.7



#51

Chlorobenzene

Concen: 5.162 ug/L

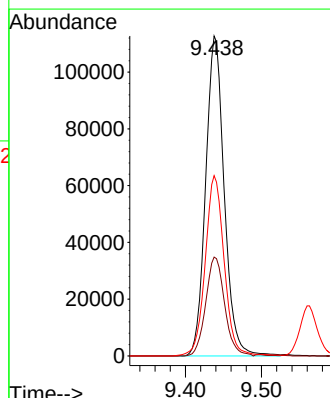
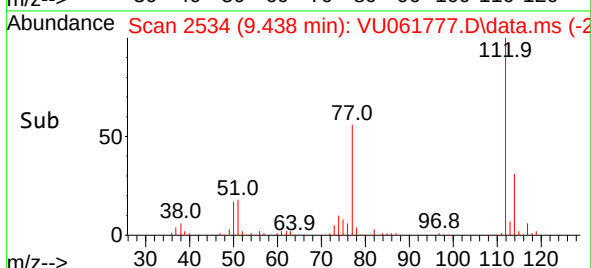
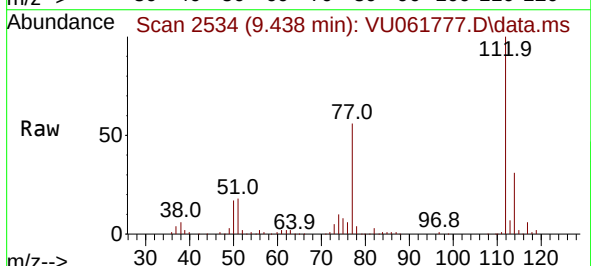
RT: 9.438 min Scan# 2534

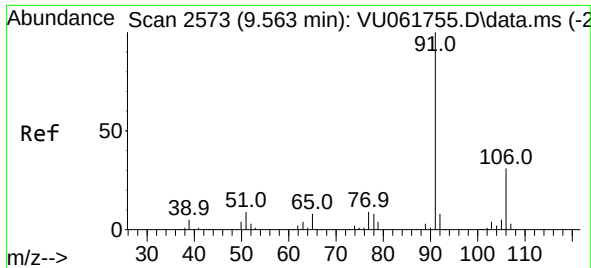
Delta R.T. 0.000 min

Lab File: VU061777.D

Acq: 17 Nov 2024 05:27

Tgt Ion:	112	Resp:	191573
Ion	Ratio	Lower	Upper
112	100		
114	30.9	22.5	41.9
77	56.4	45.3	67.9

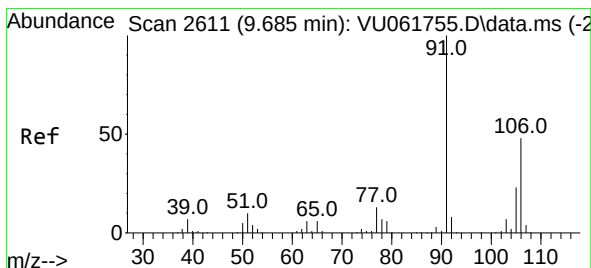
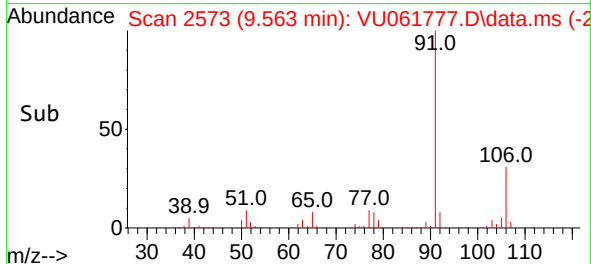
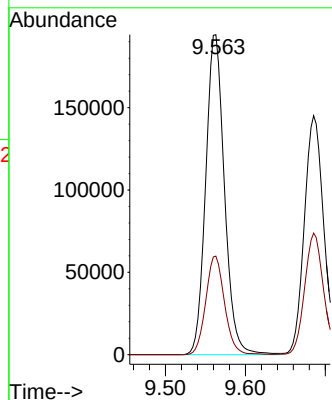
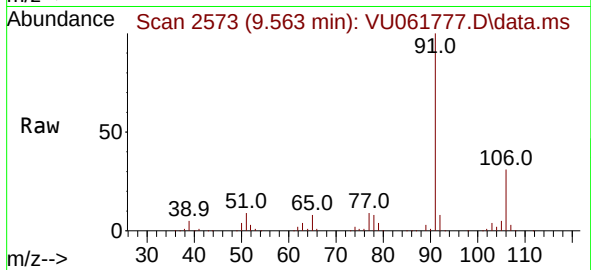




#52
Ethylbenzene
Concen: 5.169 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU061777.D
Acq: 17 Nov 2024 05:27

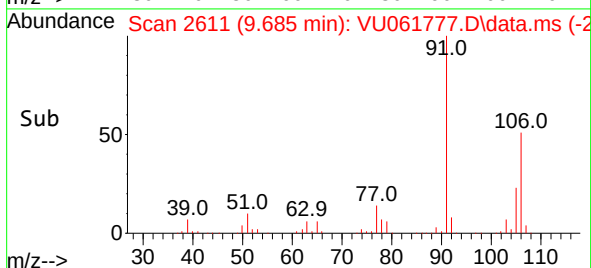
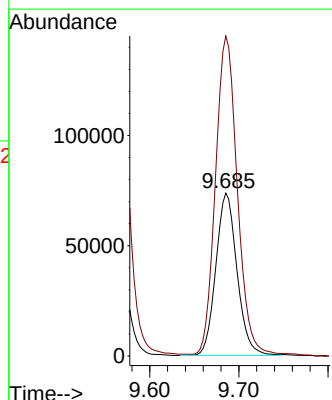
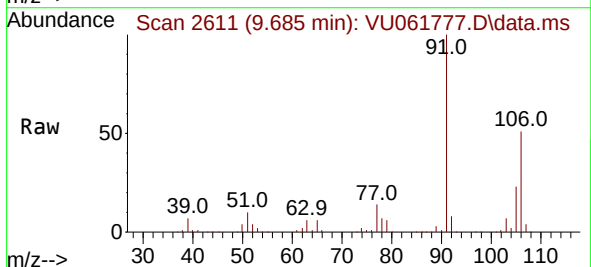
Instrument :
MSVOA_U
ClientSampleId :

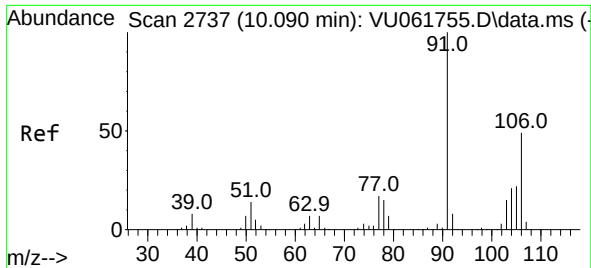
Tgt Ion: 91 Resp: 317483
Ion Ratio Lower Upper
91 100
106 30.8 21.7 40.3



#53
m,p-Xylene
Concen: 5.174 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. 0.000 min
Lab File: VU061777.D
Acq: 17 Nov 2024 05:27

Tgt Ion:106 Resp: 121602
Ion Ratio Lower Upper
106 100
91 196.4 140.4 260.8

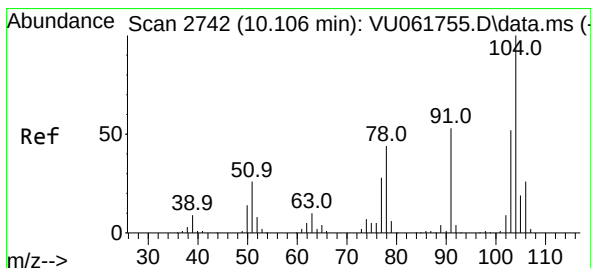
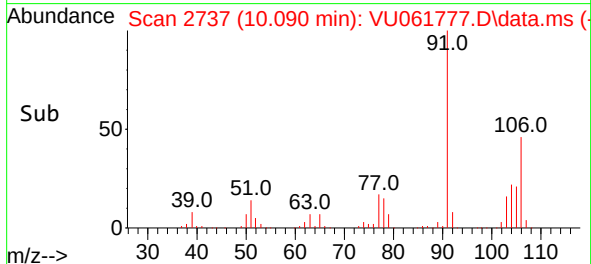
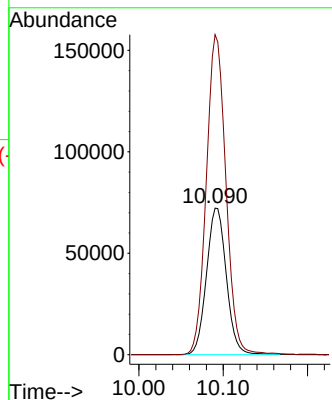
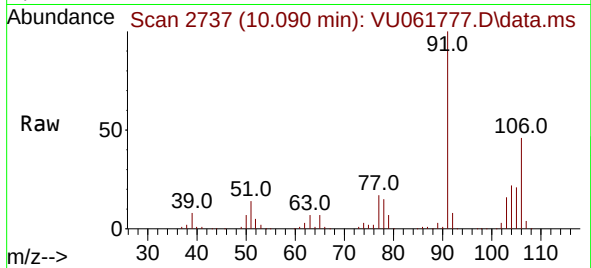




#54
o-Xylene
Concen: 5.186 ug/L
RT: 10.090 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU061777.D
Acq: 17 Nov 2024 05:27

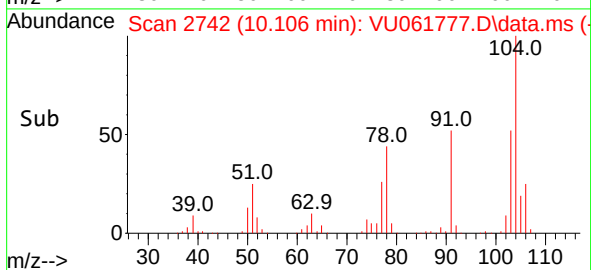
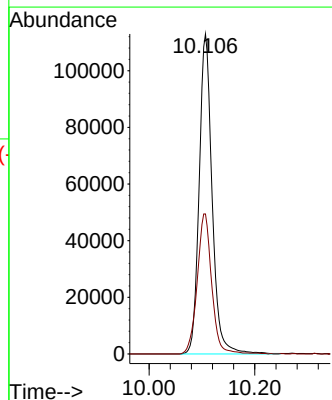
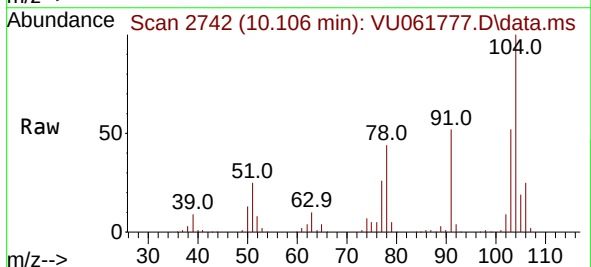
Instrument :
MSVOA_U
ClientSampleId :

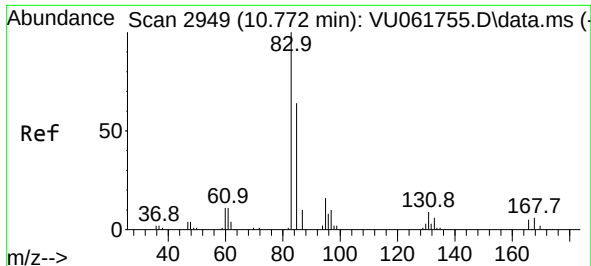
Tgt Ion:106 Resp: 118451
Ion Ratio Lower Upper
106 100
91 218.2 151.3 280.9



#55
Styrene
Concen: 5.283 ug/L
RT: 10.106 min Scan# 2742
Delta R.T. 0.000 min
Lab File: VU061777.D
Acq: 17 Nov 2024 05:27

Tgt Ion:104 Resp: 192146
Ion Ratio Lower Upper
104 100
78 43.7 31.6 58.6

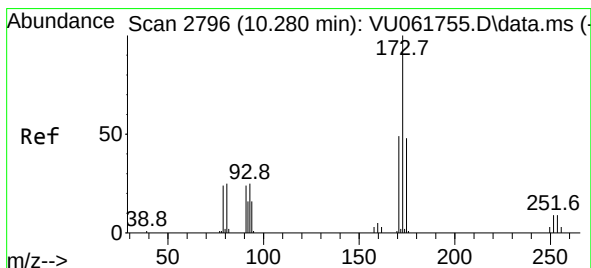
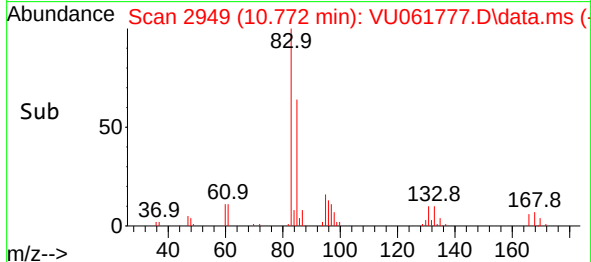
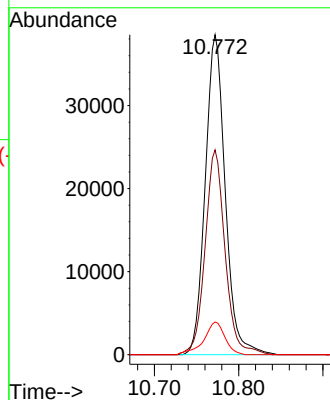
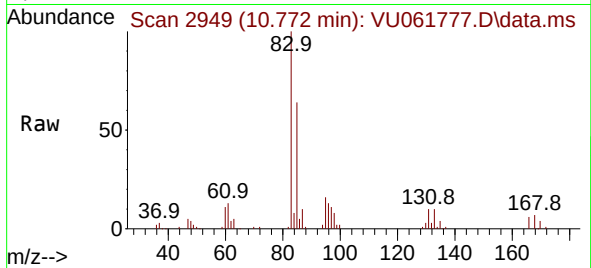




#57
1,1,2,2-Tetrachloroethane
Concen: 5.272 ug/L
RT: 10.772 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU061777.D
Acq: 17 Nov 2024 05:27

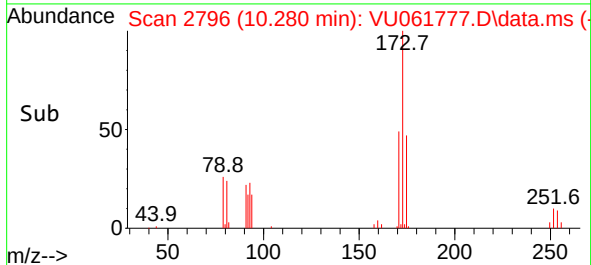
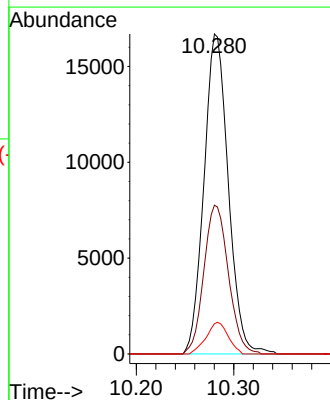
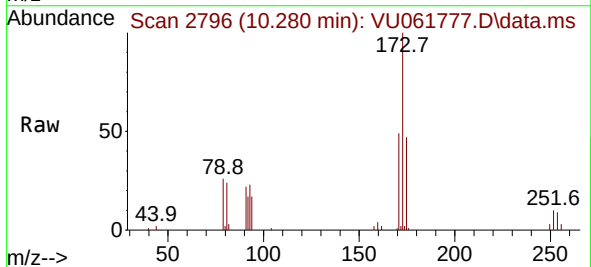
Instrument :
MSVOA_U
ClientSampleId :

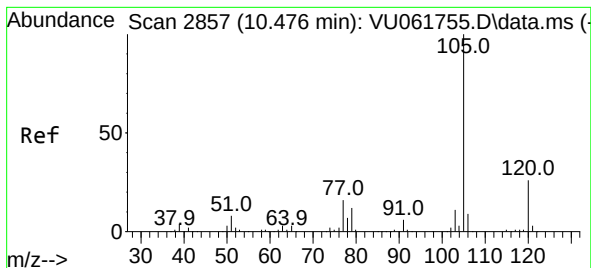
Tgt Ion:	83	Resp:	63541
Ion	Ratio	Lower	Upper
83	100		
85	64.0	41.9	77.9
131	10.2	7.8	11.6



#59
Bromoform
Concen: 4.998 ug/L
RT: 10.280 min Scan# 2796
Delta R.T. 0.000 min
Lab File: VU061777.D
Acq: 17 Nov 2024 05:27

Tgt Ion:	173	Resp:	28936
Ion	Ratio	Lower	Upper
173	100		
175	46.9	39.3	58.9
254	8.9	7.8	11.8





#60

Isopropylbenzene

Concen: 5.176 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU061777.D

Acq: 17 Nov 2024 05:27

Instrument :

MSVOA_U

ClientSampleId :

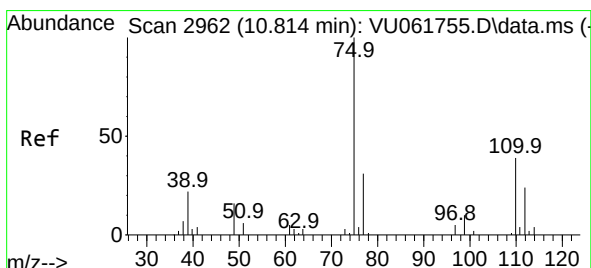
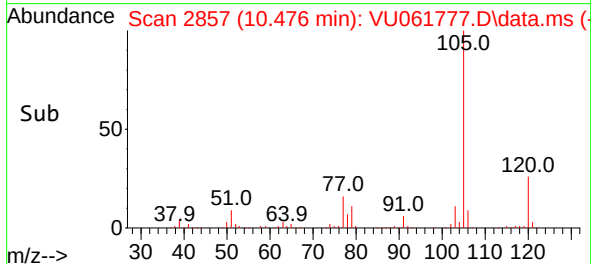
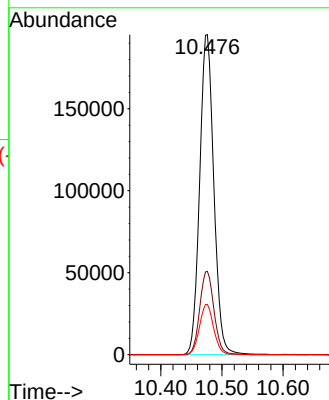
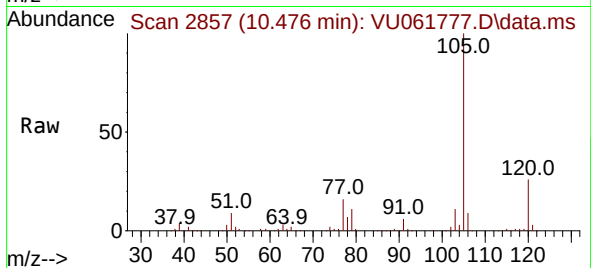
Tgt Ion:105 Resp: 313983

Ion Ratio Lower Upper

105 100

120 26.3 21.6 32.4

77 15.7 12.8 19.2



#61

1,2,3-Trichloropropane

Concen: 5.223 ug/L

RT: 10.811 min Scan# 2961

Delta R.T. -0.003 min

Lab File: VU061777.D

Acq: 17 Nov 2024 05:27

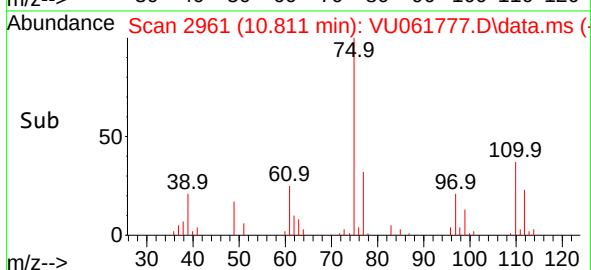
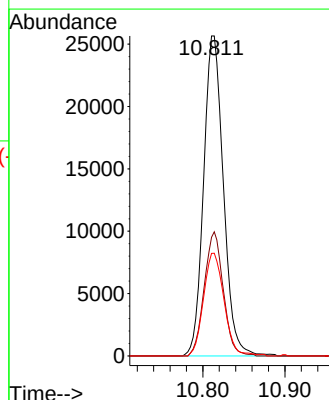
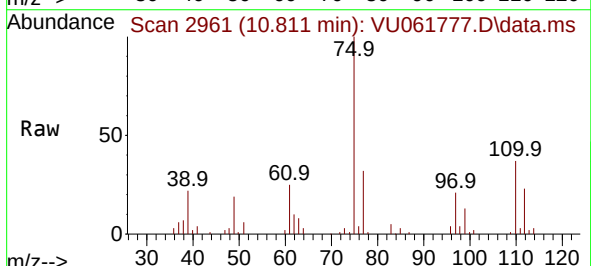
Tgt Ion: 75 Resp: 43037

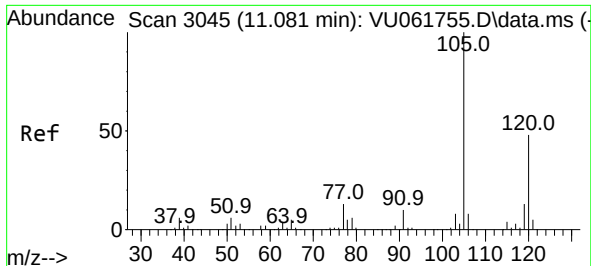
Ion Ratio Lower Upper

75 100

110 37.2 31.3 46.9

77 33.3 26.0 39.0

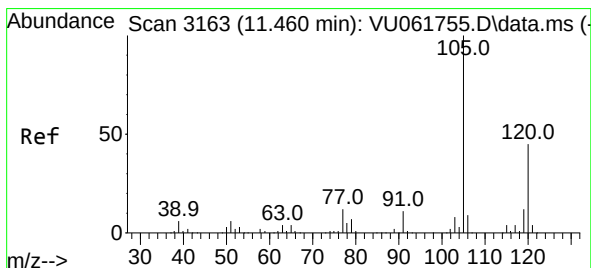
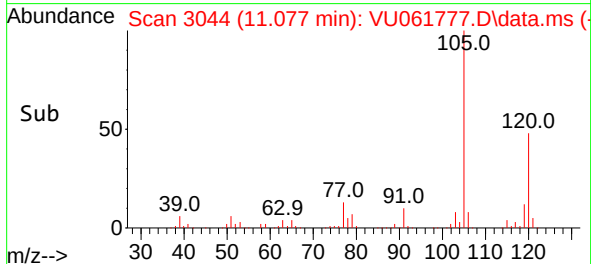
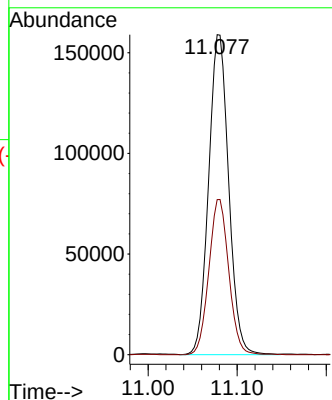
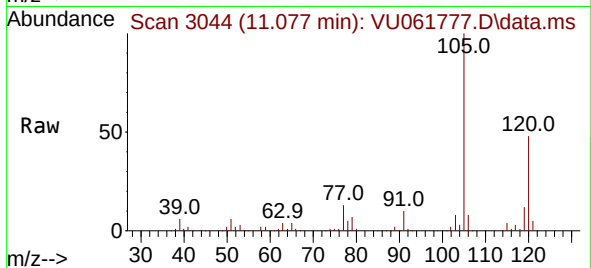




#62
1,3,5-Trimethylbenzene
Concen: 5.110 ug/L
RT: 11.077 min Scan# 3044
Delta R.T. -0.003 min
Lab File: VU061777.D
Acq: 17 Nov 2024 05:27

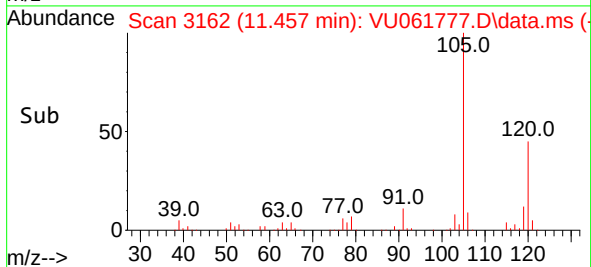
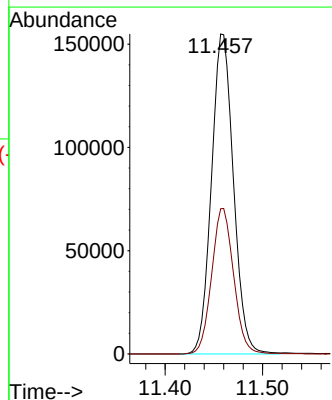
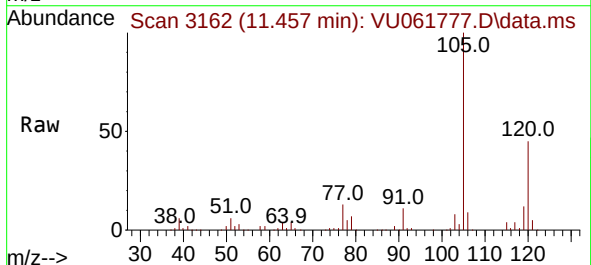
Instrument :
MSVOA_U
ClientSampleId :

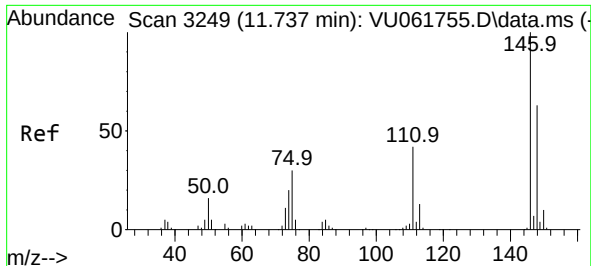
Tgt Ion:105 Resp: 248151
Ion Ratio Lower Upper
105 100
120 48.2 38.5 57.7



#63
1,2,4-Trimethylbenzene
Concen: 5.139 ug/L
RT: 11.457 min Scan# 3162
Delta R.T. -0.003 min
Lab File: VU061777.D
Acq: 17 Nov 2024 05:27

Tgt Ion:105 Resp: 242922
Ion Ratio Lower Upper
105 100
120 45.4 36.3 54.5

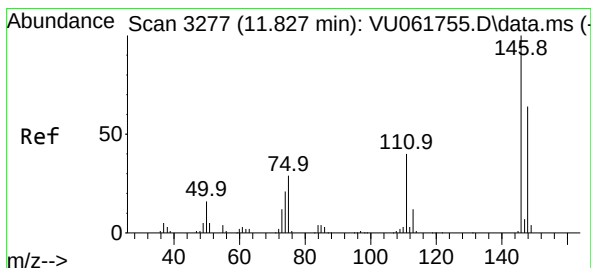
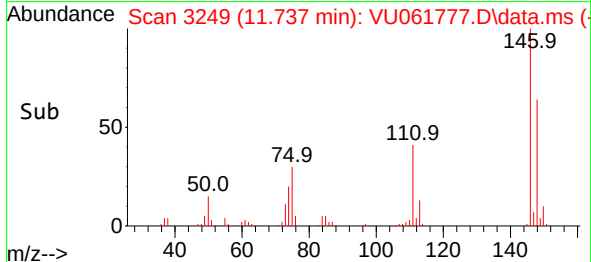
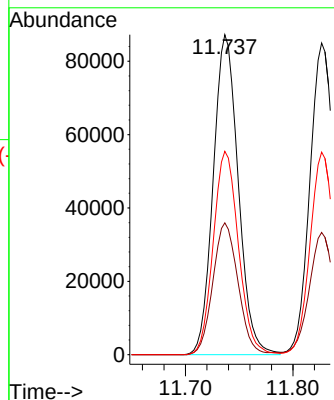
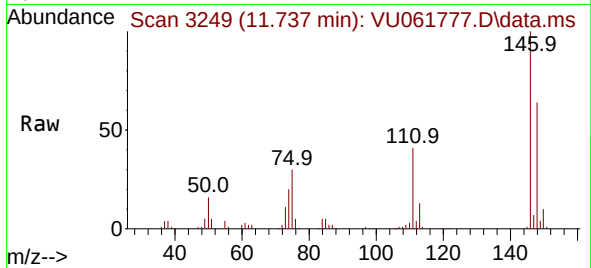




#64
1,3-Dichlorobenzene
Concen: 5.075 ug/L
RT: 11.737 min Scan# 3249
Delta R.T. 0.000 min
Lab File: VU061777.D
Acq: 17 Nov 2024 05:27

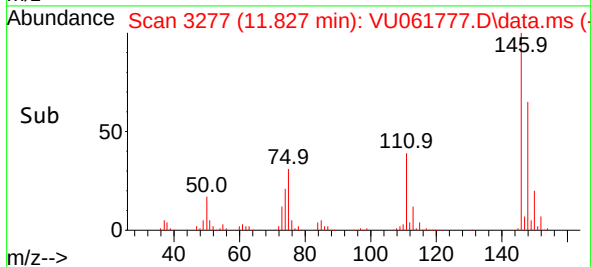
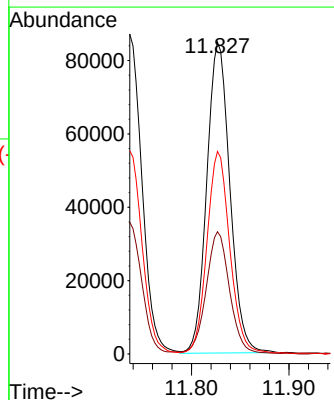
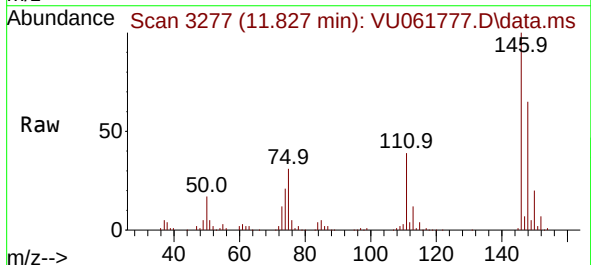
Instrument :
MSVOA_U
ClientSampleId :

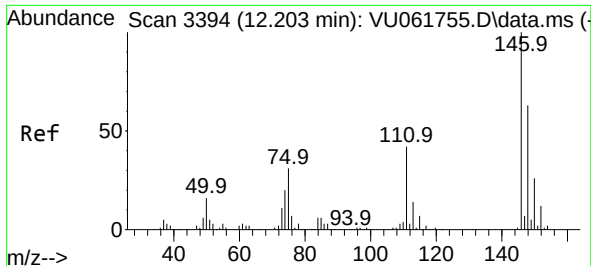
Tgt Ion:146 Resp: 141166
Ion Ratio Lower Upper
146 100
111 41.2 29.3 54.3
148 63.6 44.5 82.7



#65
1,4-Dichlorobenzene
Concen: 4.939 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. 0.000 min
Lab File: VU061777.D
Acq: 17 Nov 2024 05:27

Tgt Ion:146 Resp: 139513
Ion Ratio Lower Upper
146 100
111 39.2 28.8 53.4
148 65.0 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 5.100 ug/L

RT: 12.203 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU061777.D

Acq: 17 Nov 2024 05:27

Instrument :

MSVOA_U

ClientSampleId :

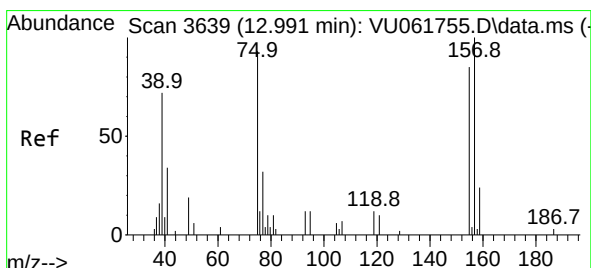
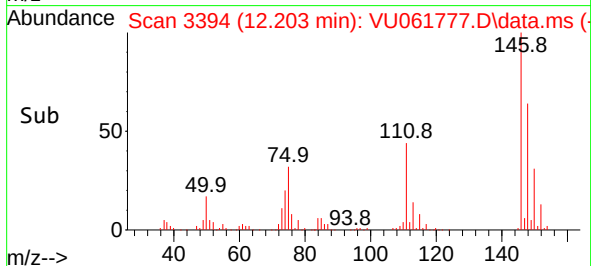
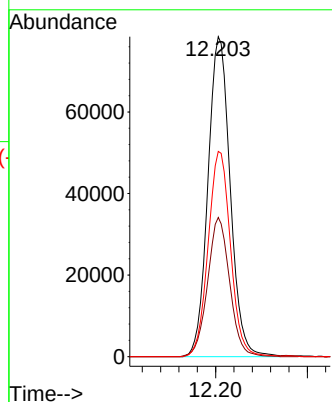
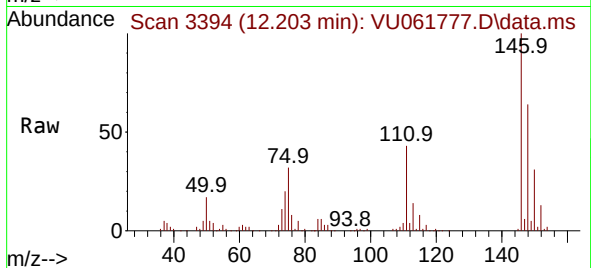
Tgt Ion:146 Resp: 131940

Ion Ratio Lower Upper

146 100

111 43.5 35.2 52.8

148 64.2 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 5.147 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.003 min

Lab File: VU061777.D

Acq: 17 Nov 2024 05:27

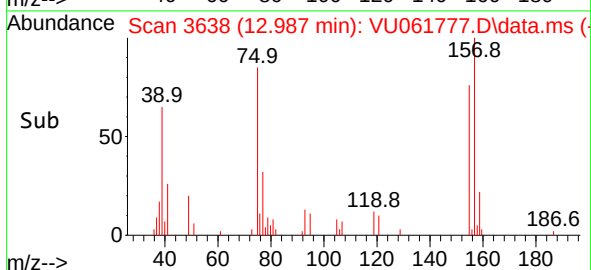
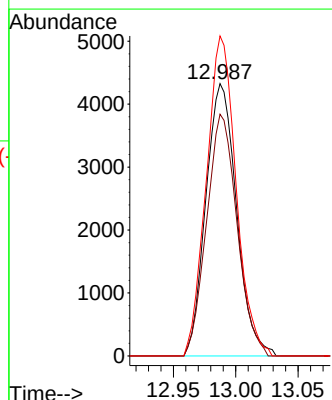
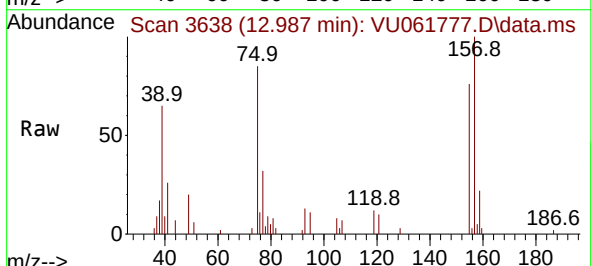
Tgt Ion: 75 Resp: 7405

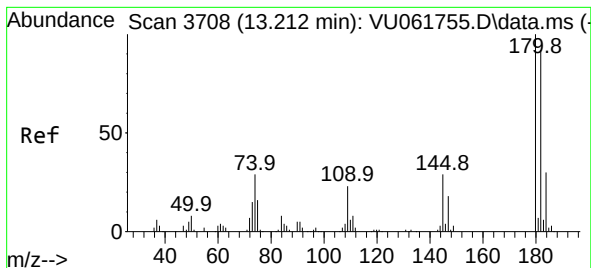
Ion Ratio Lower Upper

75 100

155 88.8 62.6 93.8

157 117.5 84.9 127.3





#69

1,3,5-Trichlorobenzene

Concen: 4.911 ug/L

RT: 13.209 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU061777.D

Acq: 17 Nov 2024 05:27

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 95374

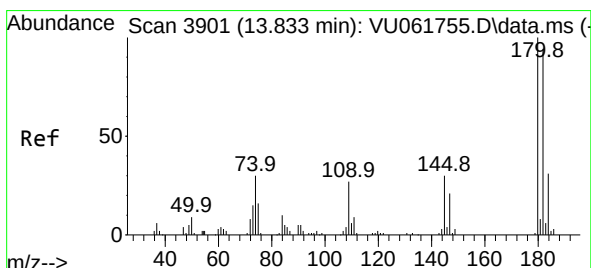
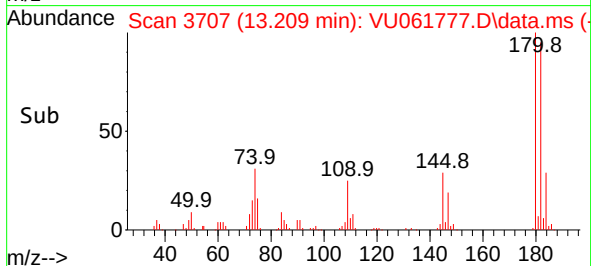
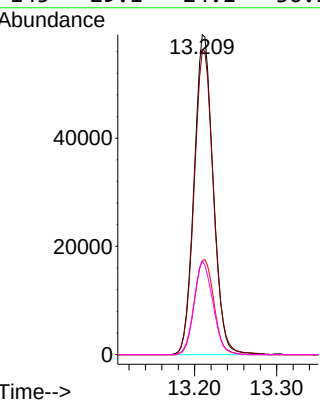
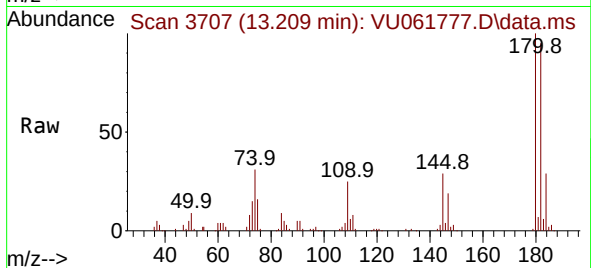
Ion Ratio Lower Upper

180 100

182 96.6 77.1 115.7

184 30.2 24.7 37.1

145 29.1 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 4.998 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.000 min

Lab File: VU061777.D

Acq: 17 Nov 2024 05:27

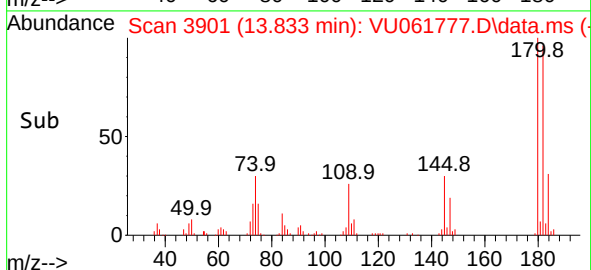
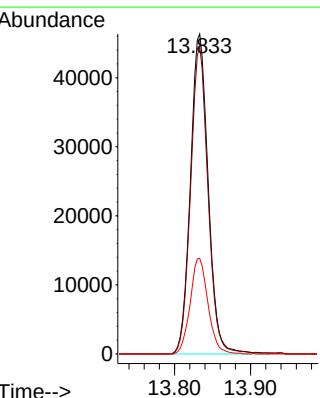
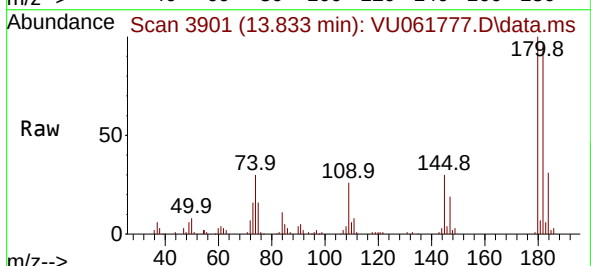
Tgt Ion:180 Resp: 75229

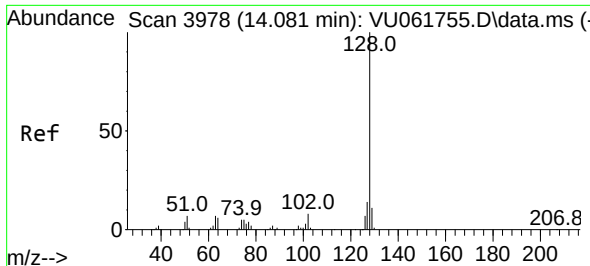
Ion Ratio Lower Upper

180 100

182 94.3 77.4 116.0

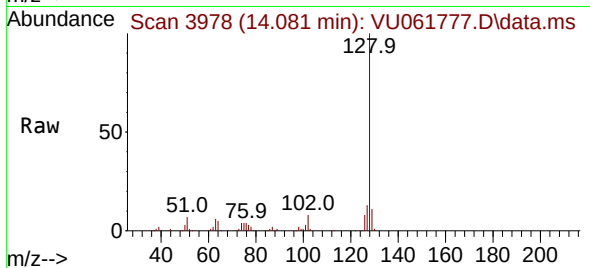
145 30.1 24.5 36.7



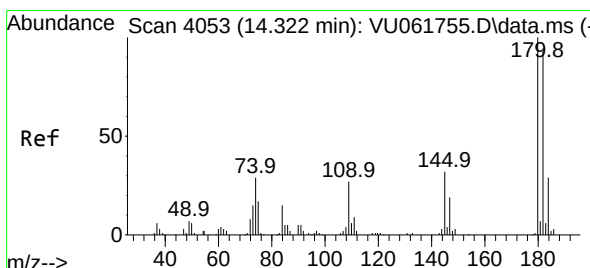
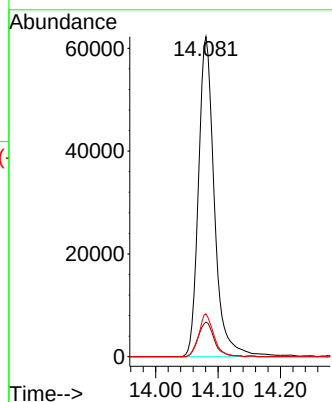
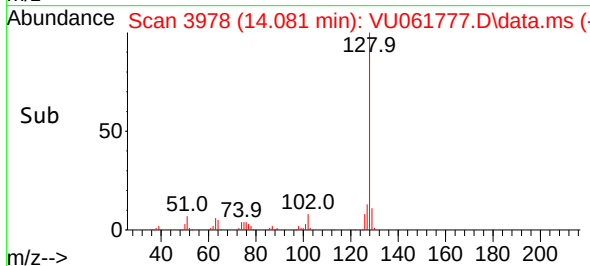


#71
Naphthalene
Concen: 5.115 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. 0.000 min
Lab File: VU061777.D
Acq: 17 Nov 2024 05:27

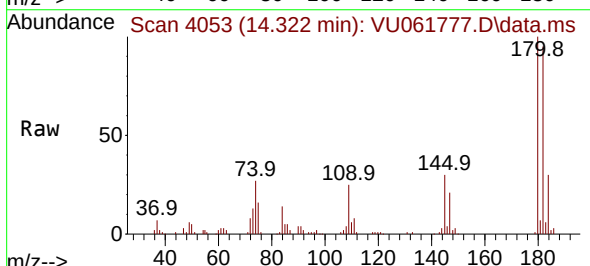
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 110537
Ion Ratio Lower Upper
128 100
129 11.0 8.5 12.7
127 12.7 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 5.211 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU061777.D
Acq: 17 Nov 2024 05:27



Tgt Ion:180 Resp: 65846
Ion Ratio Lower Upper
180 100
182 94.8 76.6 114.8
145 31.2 26.3 39.5

