

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111524\
 Data File : VU061707.D
 Acq On : 15 Nov 2024 08:48
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 15 22:13:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 15 03:17:58 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	196854	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	186631	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	91867	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	52449	4.124	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	82.400%	
7) Chloroethane-d5	1.911	69	45576	4.197	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	84.000%	
11) 1,1-Dichloroethene-d2	2.560	65	23504	4.119	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	82.400%	
20) 2-Butanone-d5	4.631	46	136508	50.565	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	101.140%	
24) Chloroform-d	5.052	84	118636	4.693	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.800%	
26) 1,2-Dichloroethane-d4	5.692	65	57658	4.752	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.000%	
32) Benzene-d6	5.718	84	235266	4.557	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.200%	
36) 1,2-Dichloropropane-d6	6.679	67	69174	4.543	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	90.800%	
41) Toluene-d8	7.891	98	218270	4.536	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.800%	
43) trans-1,3-Dichloroprop...	8.174	79	25067	4.469	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	89.400%	
46) 2-Hexanone-d5	8.627	63	114465	51.642	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	103.280%	
56) 1,1,2,2-Tetrachloroeth...	10.746	84	58399	4.865	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	97.200%	
66) 1,2-Dichlorobenzene-d4	12.184	152	76612	4.682	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	93.600%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	71356	4.877	ug/L	99
3) Chloromethane	1.518	50	60990	4.595	ug/L	98
5) Vinyl chloride	1.602	62	71427	4.876	ug/L	96
6) Bromomethane	1.856	94	35381	4.048	ug/L	100
8) Chloroethane	1.930	64	48127	4.737	ug/L	96
9) Trichlorofluoromethane	2.132	101	105161	4.884	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	62487	4.909	ug/L	96
12) 1,1-Dichloroethene	2.576	96	58034	4.884	ug/L	89
13) Acetone	2.650	43	82456	48.480	ug/L	98
14) Carbon disulfide	2.788	76	174539	4.573	ug/L	99
15) Methyl Acetate	2.956	43	19246	4.529	ug/L	98
16) Methylene chloride	3.039	84	65883	4.811	ug/L	97
17) Methyl tert-butyl Ether	3.358	73	143945	4.942	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	63456	4.868	ug/L	97
19) 1,1-Dichloroethane	3.859	63	116458	4.900	ug/L	98
21) 2-Butanone	4.711	43	132962	47.866	ug/L	99
22) cis-1,2-Dichloroethene	4.657	96	71954	4.895	ug/L	99
23) Bromochloromethane	4.965	128	32010	4.903	ug/L	98
25) Chloroform	5.078	83	125537	5.012	ug/L	97

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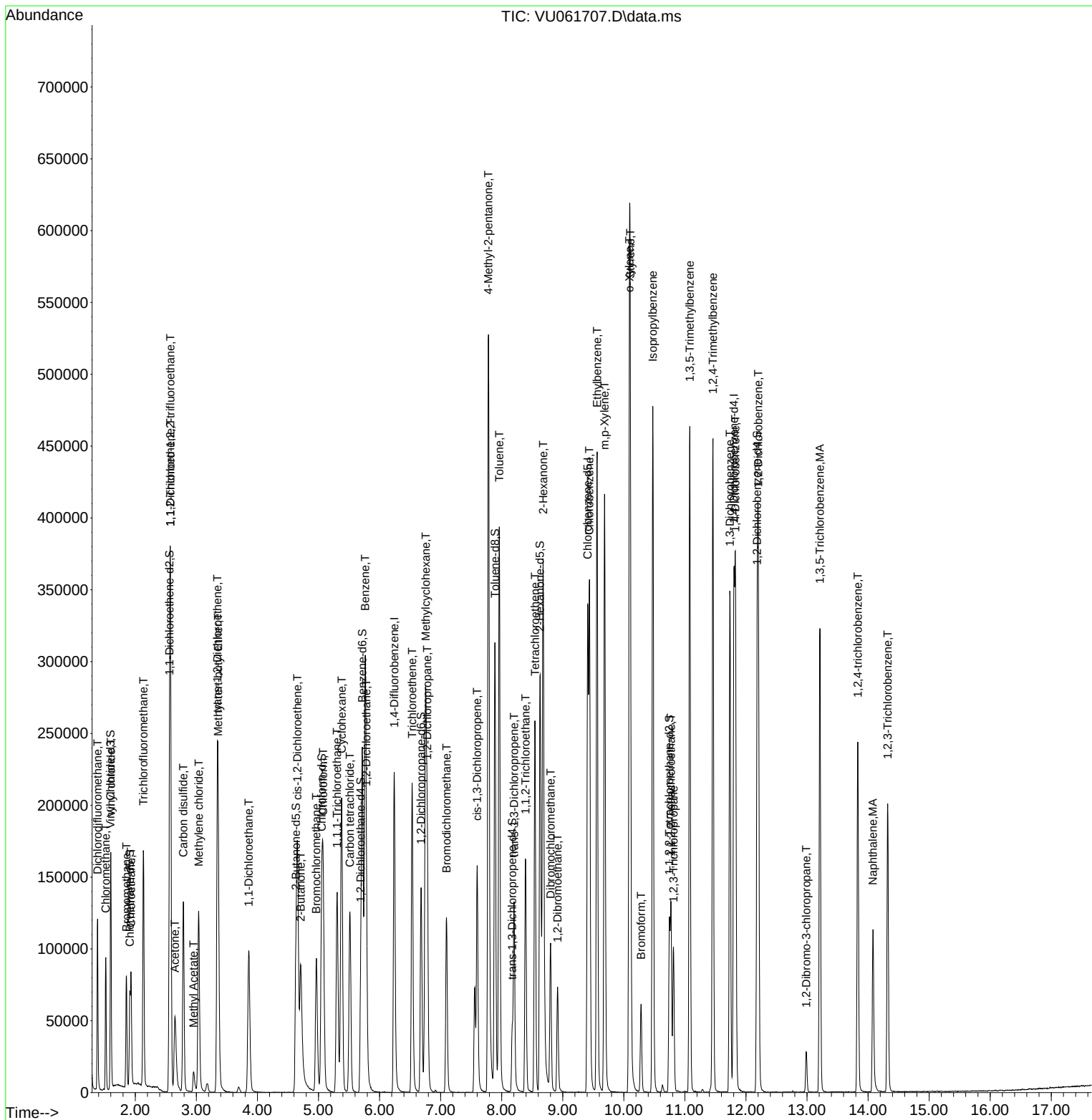
Instrument :
 MSVOA_U
 ClientSampleId :

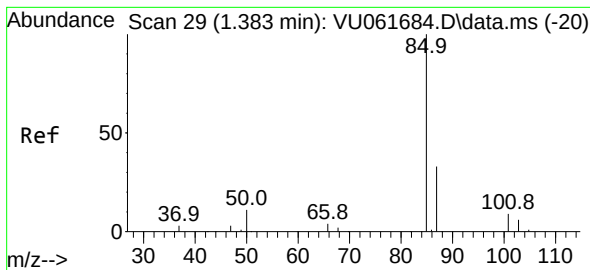
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	77012	4.900	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	102881	4.844	ug/L	99
30) Cyclohexane	5.380	56	101044	4.763	ug/L	97
31) Carbon tetrachloride	5.515	117	88160	4.874	ug/L	100
33) Benzene	5.766	78	276929	4.903	ug/L	100
34) Trichloroethene	6.534	95	74232	4.867	ug/L	94
35) Methylcyclohexane	6.756	83	114217	4.966	ug/L	99
37) 1,2-Dichloropropane	6.782	63	71129	4.964	ug/L	99
38) Bromodichloromethane	7.097	83	81798	4.757	ug/L	100
39) cis-1,3-Dichloropropene	7.599	75	99101	4.859	ug/L	95
40) 4-Methyl-2-pentanone	7.782	43	344931	50.203	ug/L	100
42) Toluene	7.962	91	304721	5.011	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	77294	4.778	ug/L	96
45) 1,1,2-Trichloroethane	8.389	97	53183	5.091	ug/L	96
47) Tetrachloroethene	8.547	164	57938	5.055	ug/L	95
48) 2-Hexanone	8.679	43	248978	50.680	ug/L	99
49) Dibromochloromethane	8.801	129	54016	4.931	ug/L	95
50) 1,2-Dibromoethane	8.917	107	50584	5.134	ug/L	99
51) Chlorobenzene	9.438	112	192530	4.918	ug/L	99
52) Ethylbenzene	9.563	91	326381	5.038	ug/L	100
53) m,p-Xylene	9.685	106	127806	5.156	ug/L	98
54) o-Xylene	10.094	106	120849	5.016	ug/L	98
55) Styrene	10.106	104	194454	5.069	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	64317	5.059	ug/L	95
59) Bromoform	10.283	173	28235	4.643	ug/L	99
60) Isopropylbenzene	10.476	105	323187	5.073	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	42976	4.966	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	255457	5.008	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	253255	5.100	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	146583	5.017	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	143383	4.833	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	134330	4.944	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.987	75	7540	4.990	ug/L	97
69) 1,3,5-Trichlorobenzene	13.212	180	101562	4.979	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	77770	4.919	ug/L	98
71) Naphthalene	14.081	128	102396	4.511	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	64094	4.829	ug/L	98

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

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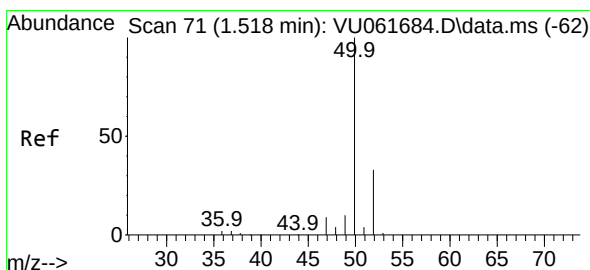
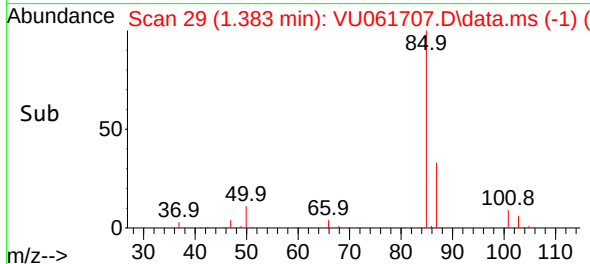
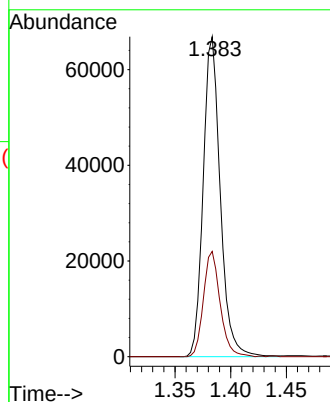
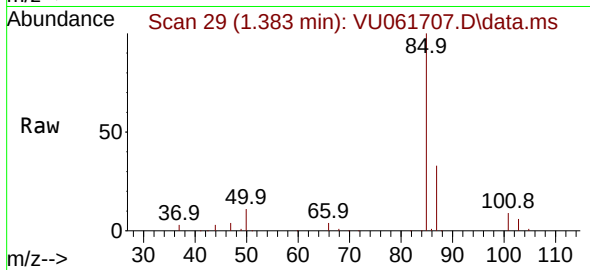




#2
 Dichlorodifluoromethane
 Concen: 4.877 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU061707.D
 Acq: 15 Nov 2024 08:48

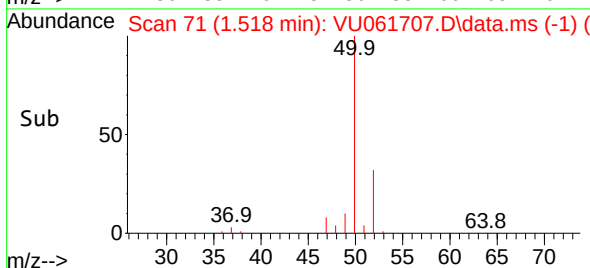
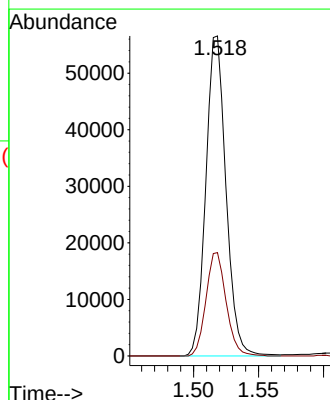
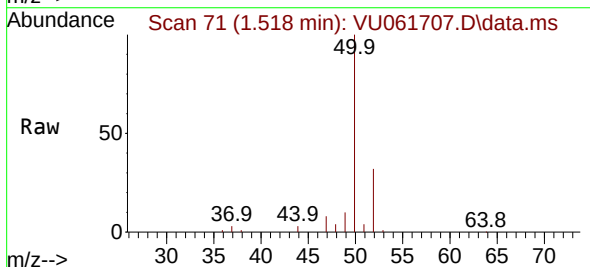
Instrument :
 MSVOA_U
 ClientSampleId :

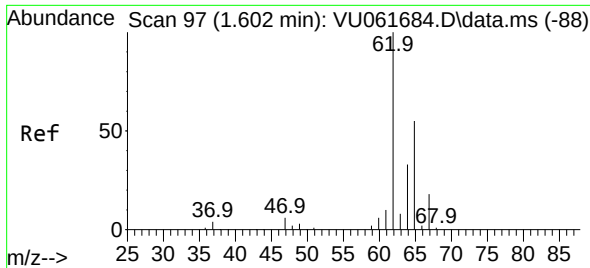
Tgt Ion: 85 Resp: 71356
 Ion Ratio Lower Upper
 85 100
 87 32.2 26.0 39.0



#3
 Chloromethane
 Concen: 4.595 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VU061707.D
 Acq: 15 Nov 2024 08:48

Tgt Ion: 50 Resp: 60990
 Ion Ratio Lower Upper
 50 100
 52 32.3 23.2 43.2

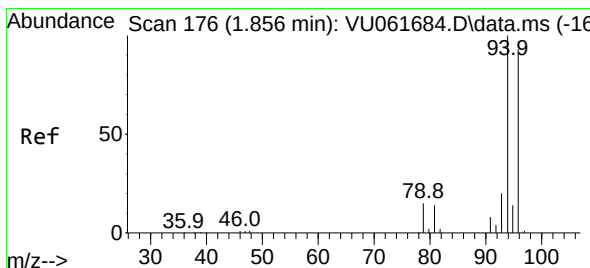
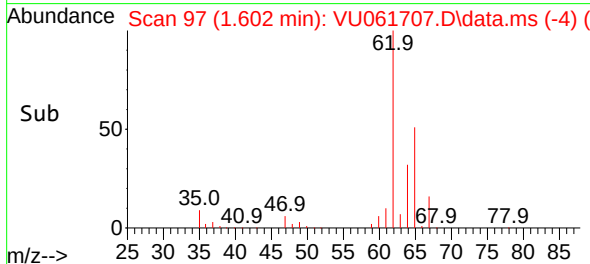
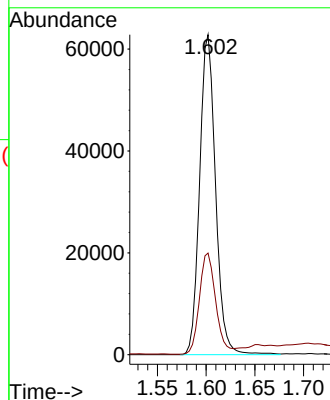
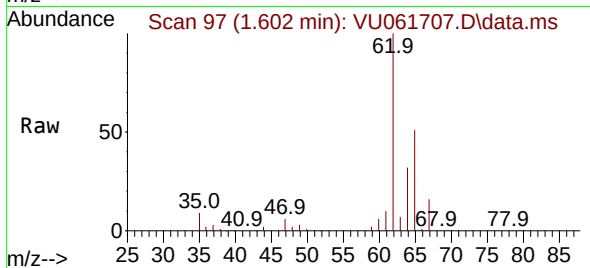




#5
 Vinyl chloride
 Concen: 4.876 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU061707.D
 Acq: 15 Nov 2024 08:48

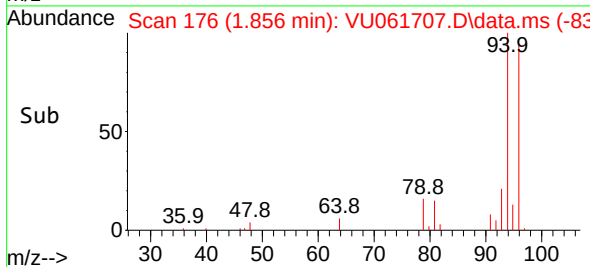
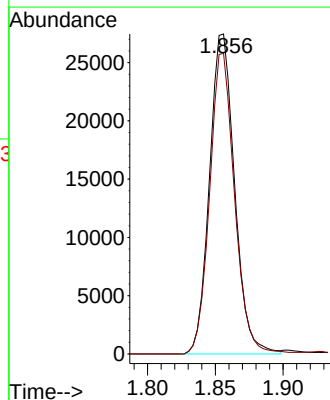
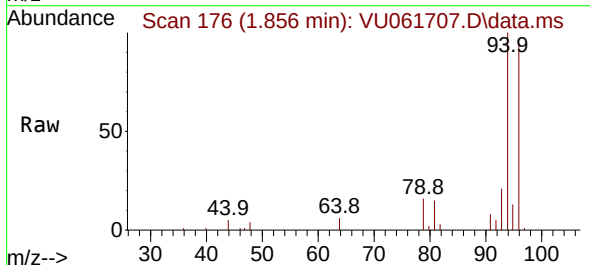
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 ClientSampleId :

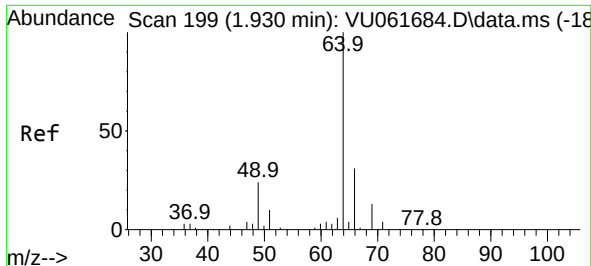
Tgt Ion: 62 Resp: 71427
 Ion Ratio Lower Upper
 62 100
 64 31.8 23.7 44.1



#6
 Bromomethane
 Concen: 4.048 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. 0.000 min
 Lab File: VU061707.D
 Acq: 15 Nov 2024 08:48

Tgt Ion: 94 Resp: 35381
 Ion Ratio Lower Upper
 94 100
 96 93.9 65.7 121.9





#8

Chloroethane

Concen: 4.737 ug/L

RT: 1.930 min Scan# 199

Delta R.T. 0.000 min

Lab File: VU061707.D

Acq: 15 Nov 2024 08:48

Instrument :

MSVOA_U

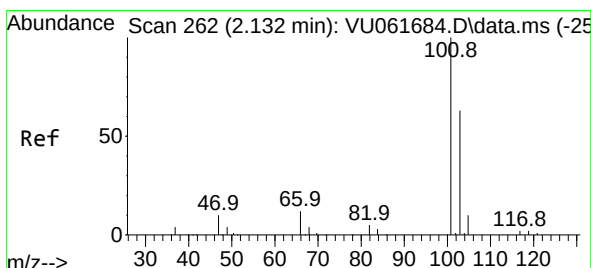
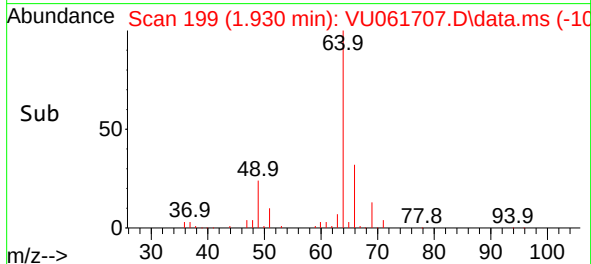
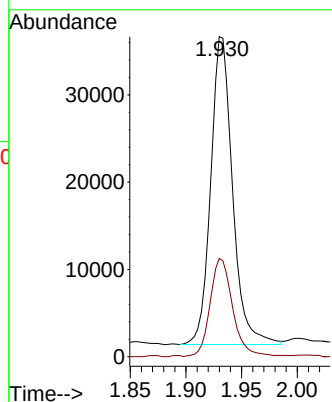
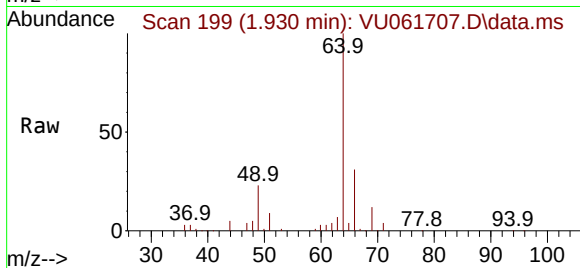
ClientSampleId :

Tgt Ion: 64 Resp: 48127

Ion Ratio Lower Upper

64 100

66 30.7 23.1 42.9



#9

Trichlorofluoromethane

Concen: 4.884 ug/L

RT: 2.132 min Scan# 262

Delta R.T. 0.000 min

Lab File: VU061707.D

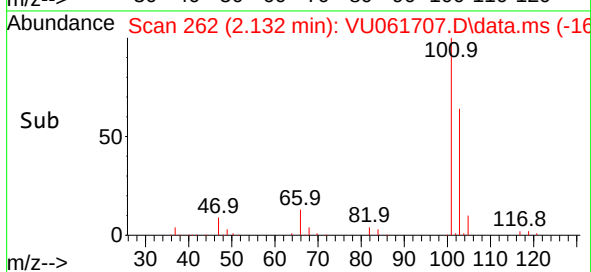
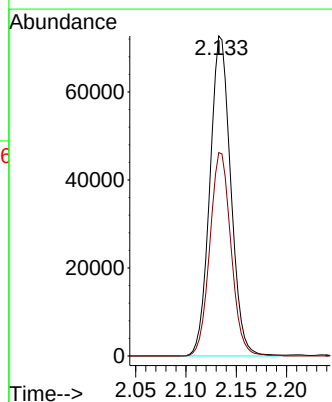
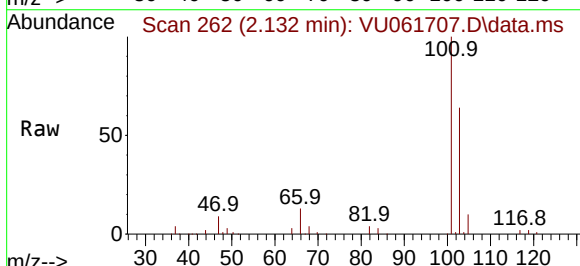
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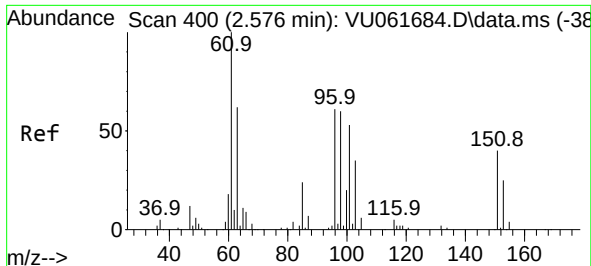
Tgt Ion:101 Resp: 105161

Ion Ratio Lower Upper

101 100

103 64.4 52.2 78.2

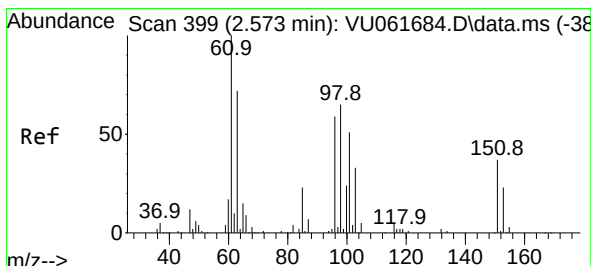
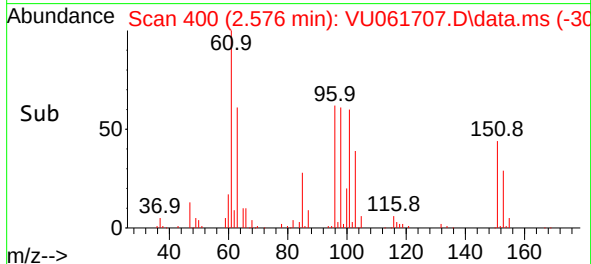
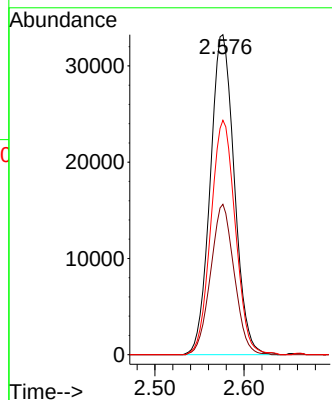
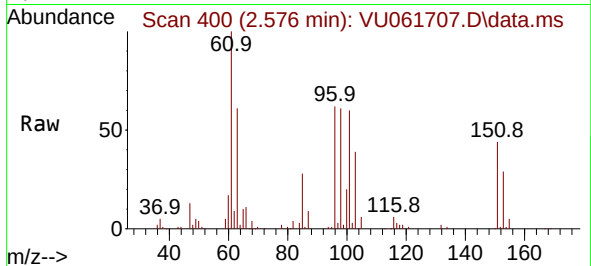




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.909 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU061707.D
 Acq: 15 Nov 2024 08:48

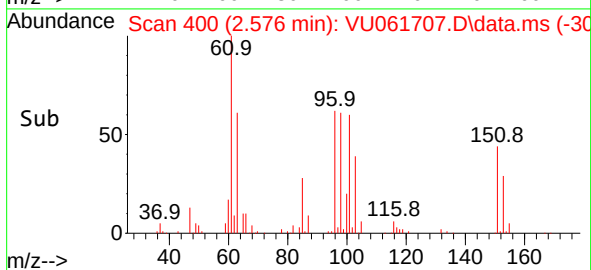
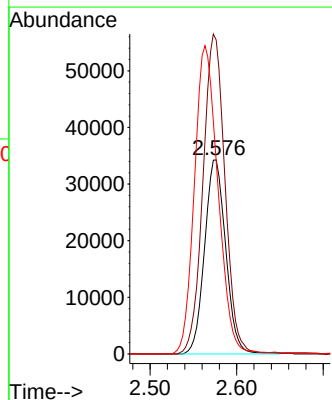
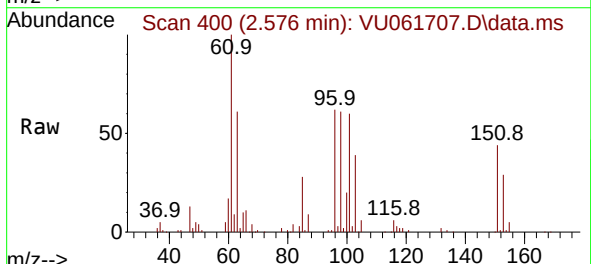
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 ClientSampleId :

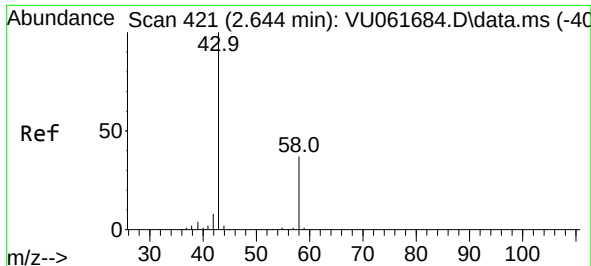
Tgt Ion:101 Resp: 62487
 Ion Ratio Lower Upper
 101 100
 85 46.0 35.1 52.7
 151 74.5 56.9 85.3



#12
 1,1-Dichloroethene
 Concen: 4.884 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.003 min
 Lab File: VU061707.D
 Acq: 15 Nov 2024 08:48

Tgt Ion: 96 Resp: 58034
 Ion Ratio Lower Upper
 96 100
 61 161.8 116.8 217.0
 63 99.4 86.1 159.9





#13

Acetone

Concen: 48.480 ug/L

RT: 2.650 min Scan# 41

Delta R.T. 0.006 min

Lab File: VU061707.D

Acq: 15 Nov 2024 08:48

Instrument :

MSVOA_U

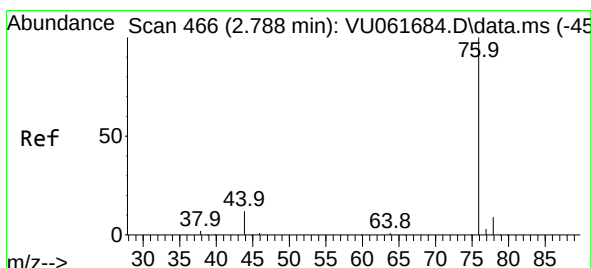
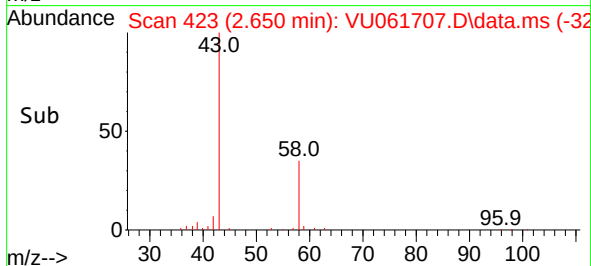
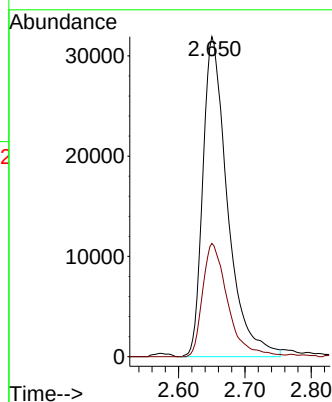
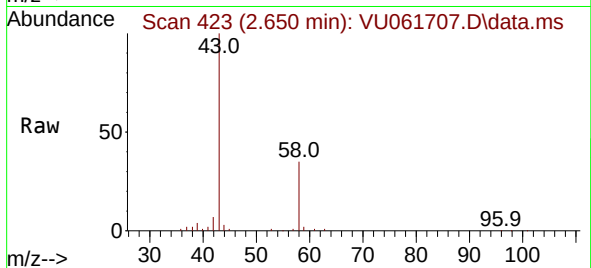
ClientSampleId :

Tgt Ion: 43 Resp: 82456

Ion Ratio Lower Upper

43 100

58 36.0 0.0 69.8



#14

Carbon disulfide

Concen: 4.573 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU061707.D

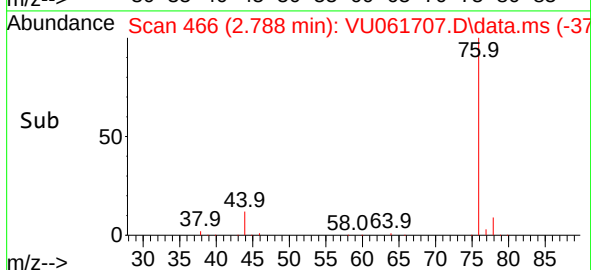
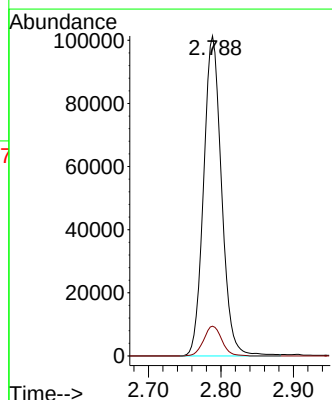
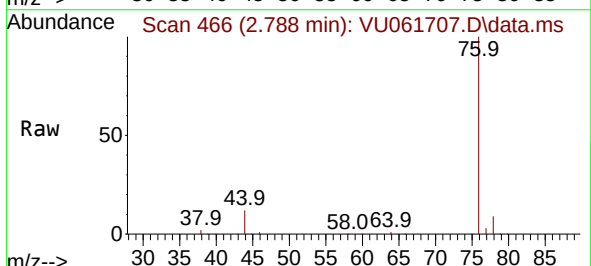
Acq: 15 Nov 2024 08:48

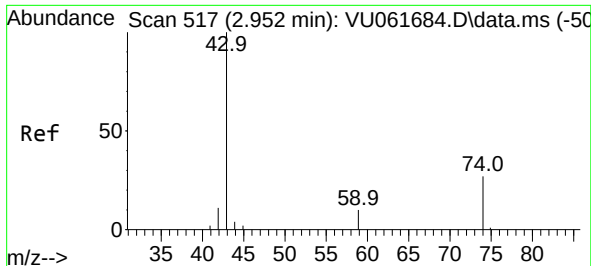
Tgt Ion: 76 Resp: 174539

Ion Ratio Lower Upper

76 100

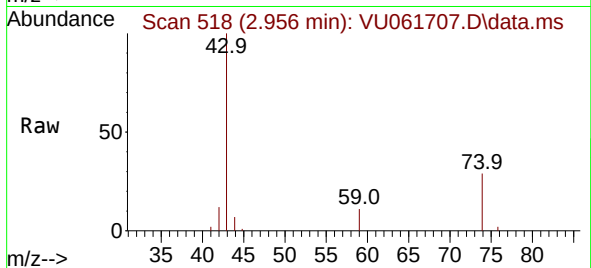
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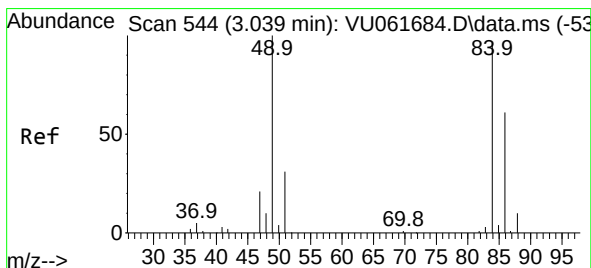
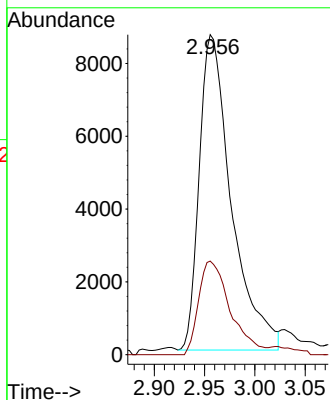
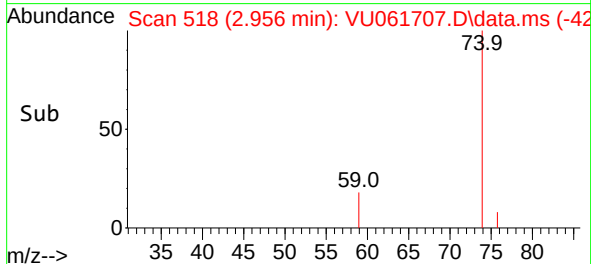


#15
Methyl Acetate
Concen: 4.529 ug/L
RT: 2.956 min Scan# 517
Delta R.T. 0.003 min
Lab File: VU061707.D
Acq: 15 Nov 2024 08:48

Instrument :
MSVOA_U
ClientSampleId :

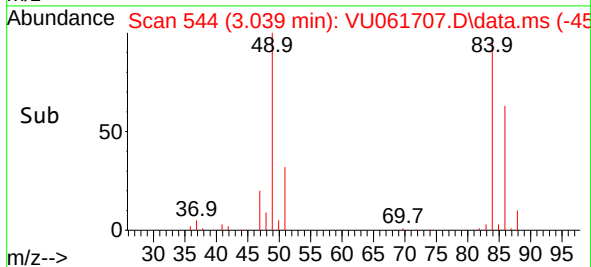
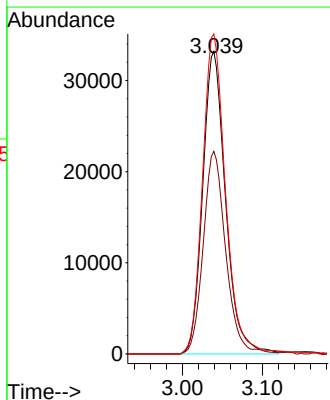
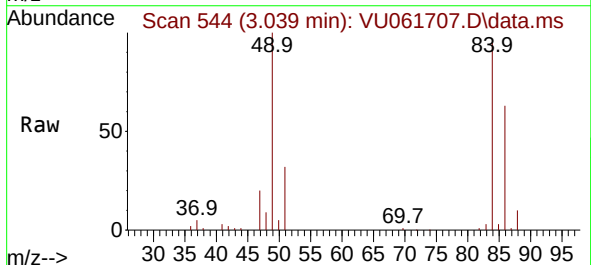


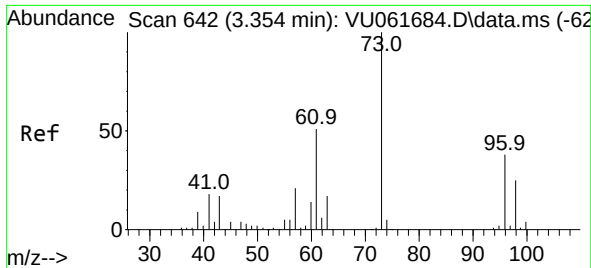
Tgt Ion: 43 Resp: 19246
Ion Ratio Lower Upper
43 100
74 29.2 22.5 33.7



#16
Methylene chloride
Concen: 4.811 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU061707.D
Acq: 15 Nov 2024 08:48

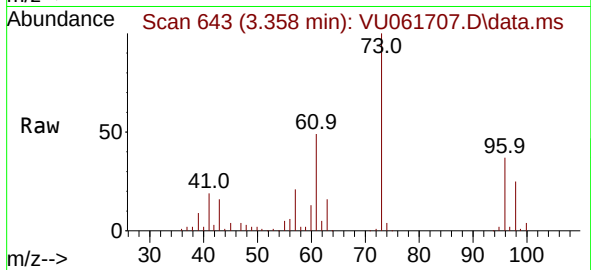
Tgt Ion: 84 Resp: 65883
Ion Ratio Lower Upper
84 100
86 67.0 45.1 83.7
49 105.8 76.3 141.7



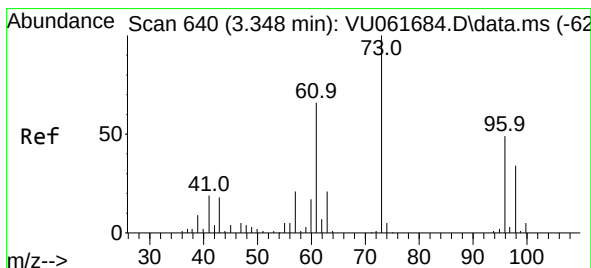
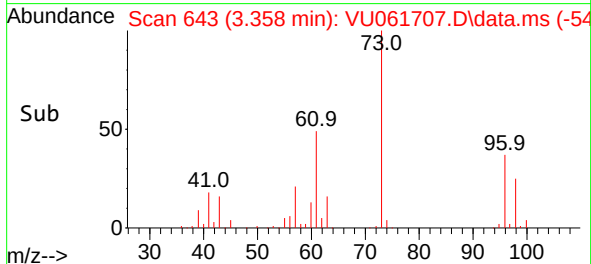
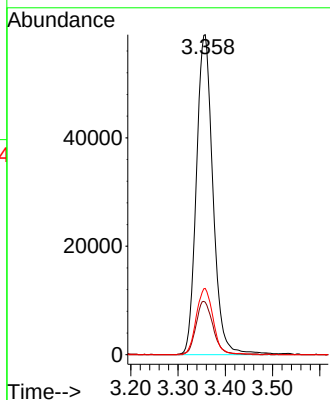


#17
Methyl tert-butyl Ether
Concen: 4.942 ug/L
RT: 3.358 min Scan# 64
Delta R.T. 0.003 min
Lab File: VU061707.D
Acq: 15 Nov 2024 08:48

Instrument :
MSVOA_U
ClientSampleId :

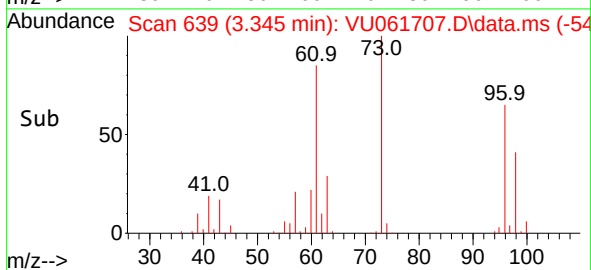
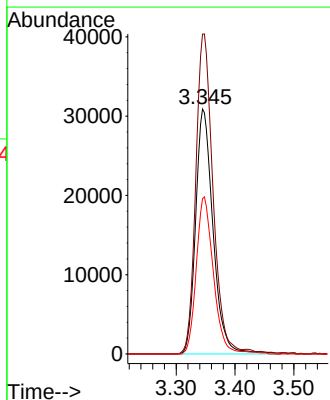
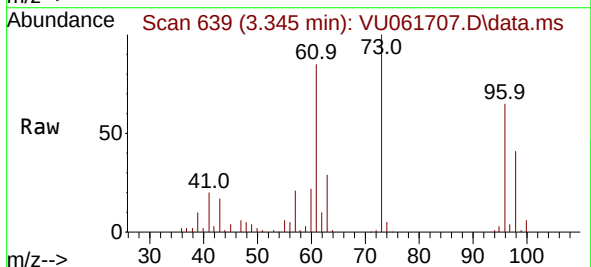


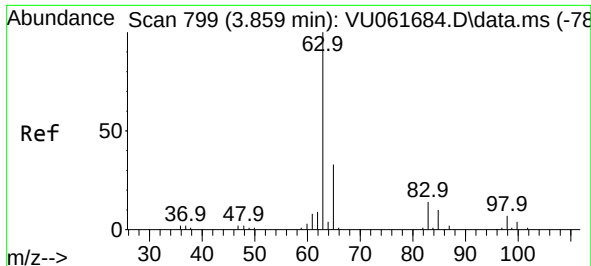
Tgt Ion: 73 Resp: 143945
Ion Ratio Lower Upper
73 100
43 17.2 14.2 21.4
57 20.8 16.9 25.3



#18
trans-1,2-Dichloroethene
Concen: 4.868 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU061707.D
Acq: 15 Nov 2024 08:48

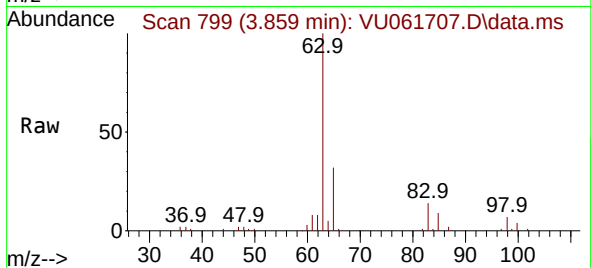
Tgt Ion: 96 Resp: 63456
Ion Ratio Lower Upper
96 100
61 130.5 94.1 174.8
98 63.3 43.2 80.2



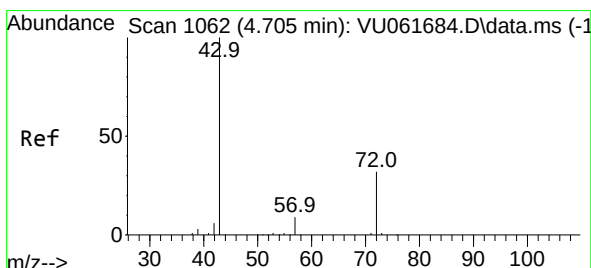
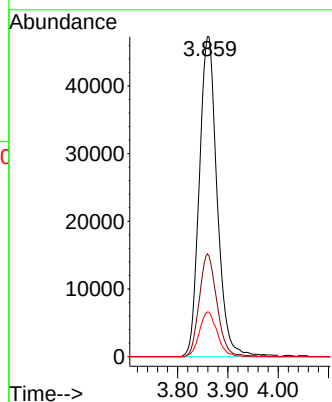
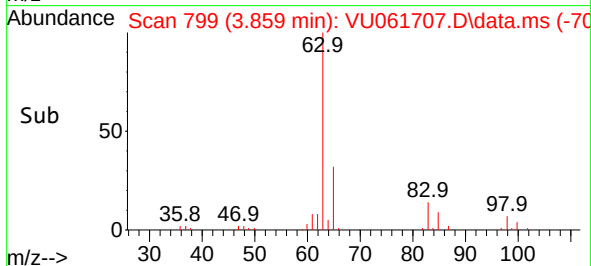


#19
1,1-Dichloroethane
Concen: 4.900 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU061707.D
Acq: 15 Nov 2024 08:48

Instrument :
MSVOA_U
ClientSampleId :

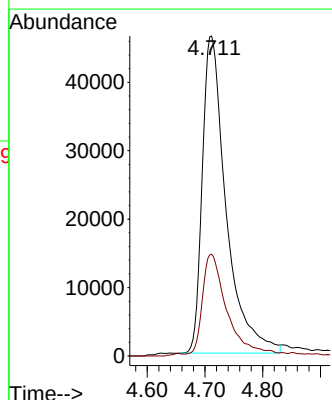
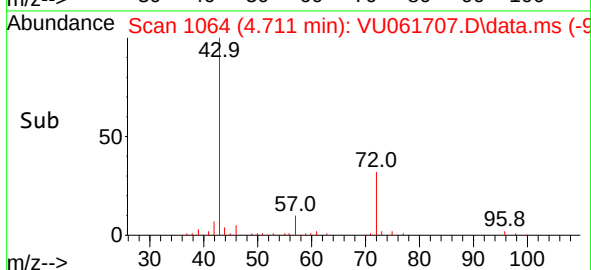
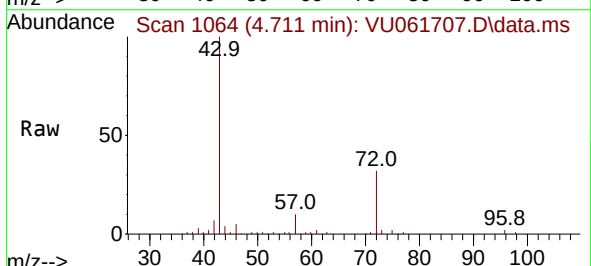


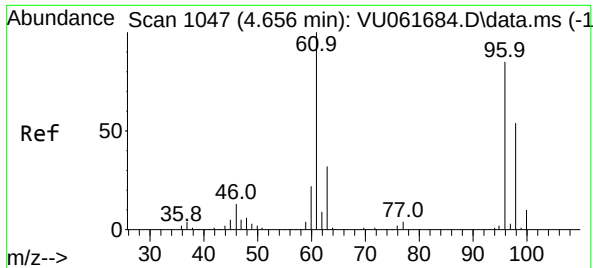
Tgt Ion: 63 Resp: 116458
Ion Ratio Lower Upper
63 100
65 32.1 23.4 43.4
83 14.0 9.6 17.8



#21
2-Butanone
Concen: 47.866 ug/L
RT: 4.711 min Scan# 1064
Delta R.T. 0.006 min
Lab File: VU061707.D
Acq: 15 Nov 2024 08:48

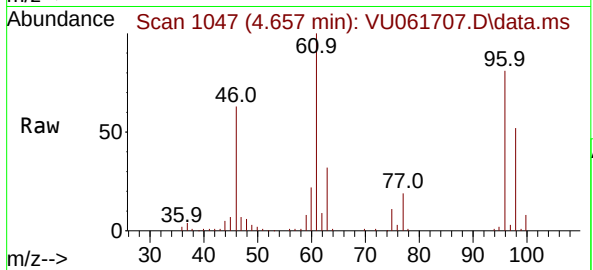
Tgt Ion: 43 Resp: 132962
Ion Ratio Lower Upper
43 100
72 32.0 15.8 47.3



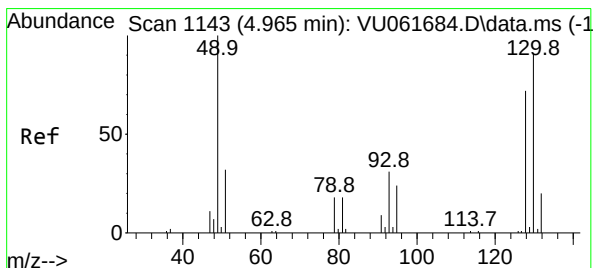
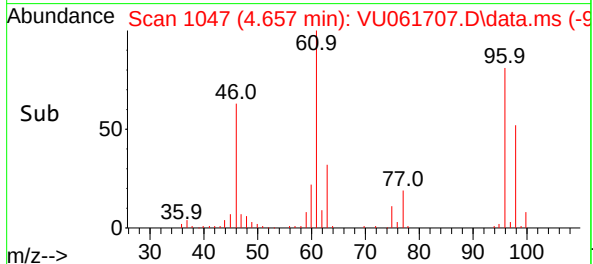
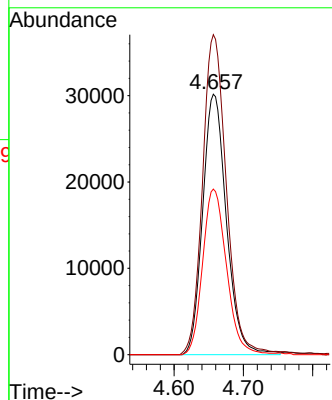


#22
 cis-1,2-Dichloroethene
 Concen: 4.895 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. 0.000 min
 Lab File: VU061707.D
 Acq: 15 Nov 2024 08:48

Instrument :
 MSVOA_U
 ClientSampleId :

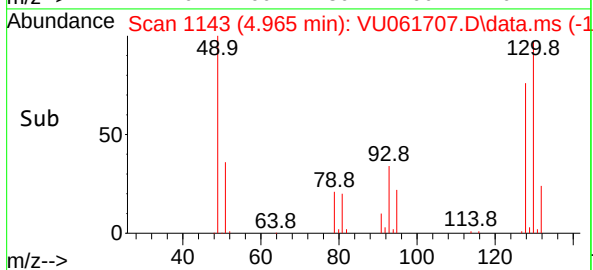
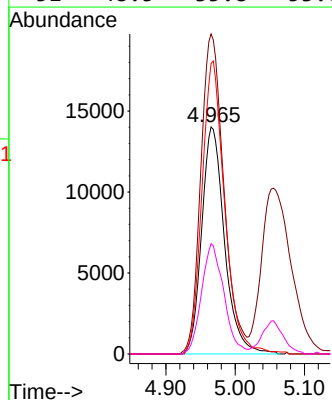
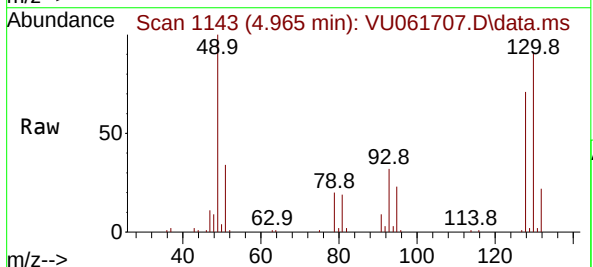


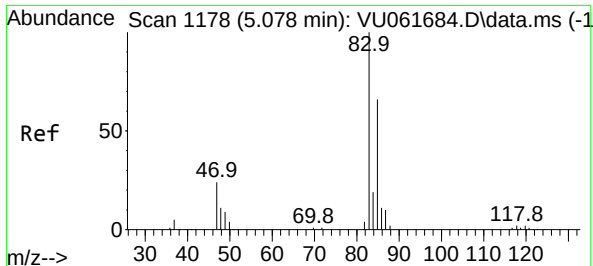
Tgt Ion:	96	Resp:	71954
Ion	Ratio	Lower	Upper
96	100		
61	122.8	85.6	159.0
98	63.6	45.6	84.8



#23
 Bromochloromethane
 Concen: 4.903 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. 0.000 min
 Lab File: VU061707.D
 Acq: 15 Nov 2024 08:48

Tgt Ion:	128	Resp:	32010
Ion	Ratio	Lower	Upper
128	100		
49	140.9	99.1	184.1
130	127.9	88.6	164.6
51	48.5	35.8	53.6





#25

Chloroform

Concen: 5.012 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU061707.D

Acq: 15 Nov 2024 08:48

Instrument :

MSVOA_U

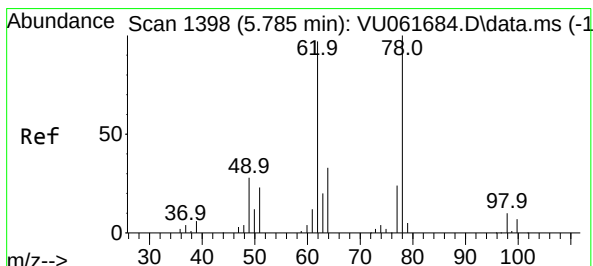
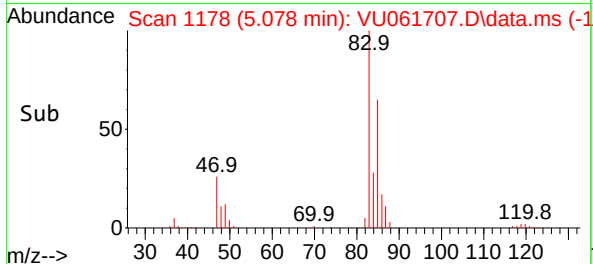
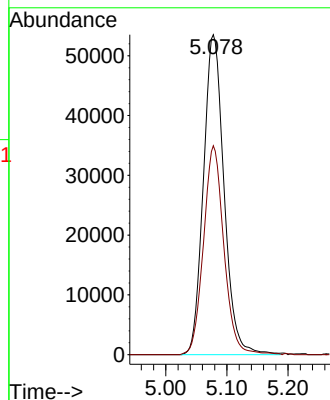
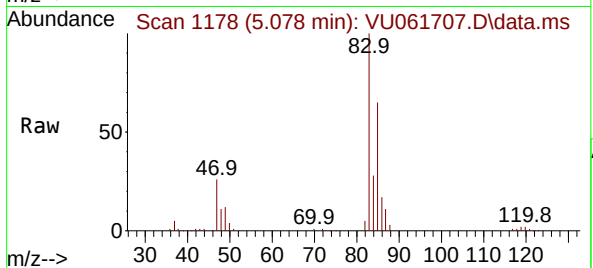
ClientSampleId :

Tgt Ion: 83 Resp: 125537

Ion Ratio Lower Upper

83 100

85 65.3 44.1 81.9



#27

1,2-Dichloroethane

Concen: 4.900 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VU061707.D

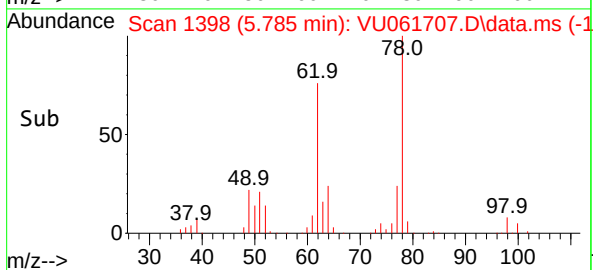
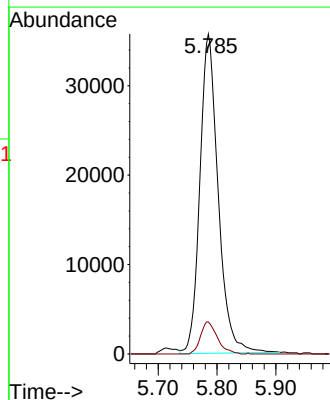
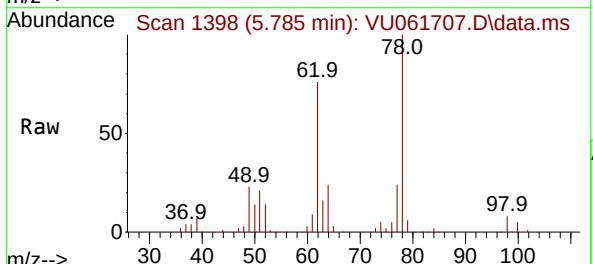
Acq: 15 Nov 2024 08:48

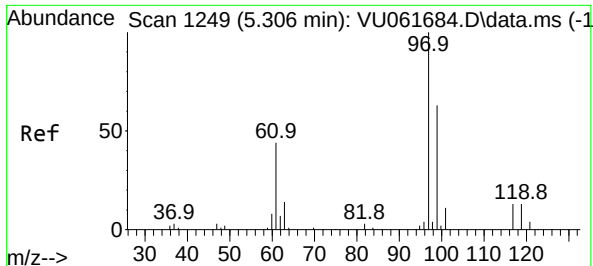
Tgt Ion: 62 Resp: 77012

Ion Ratio Lower Upper

62 100

98 10.0 7.7 11.5

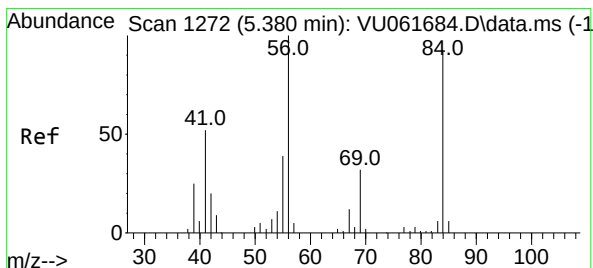
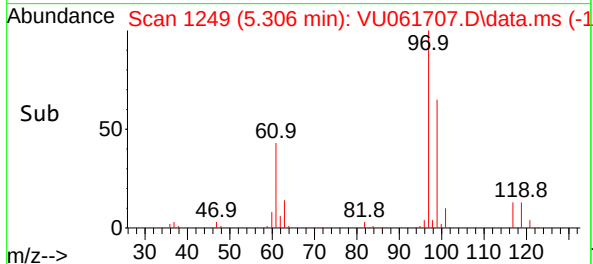
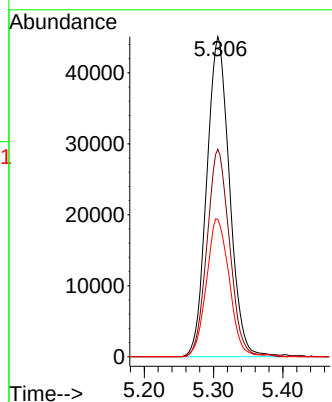
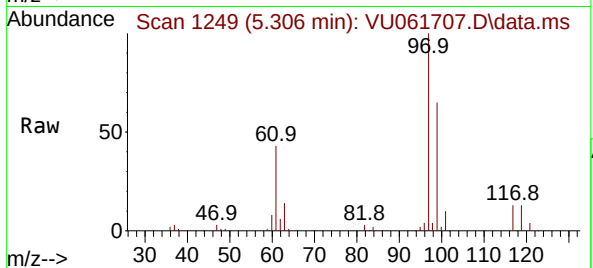




#29
1,1,1-Trichloroethane
Concen: 4.844 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU061707.D
Acq: 15 Nov 2024 08:48

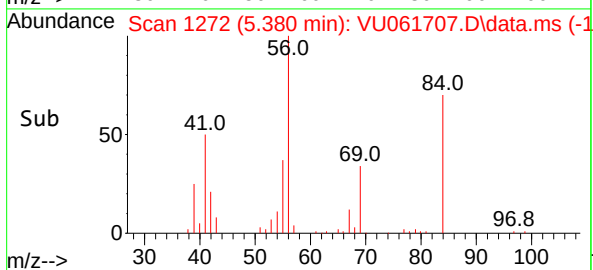
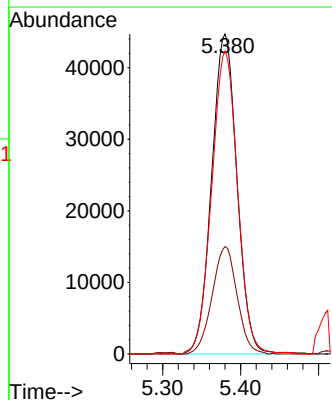
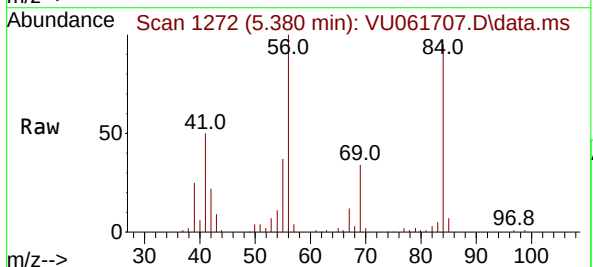
Instrument :
MSVOA_U
ClientSampleId :

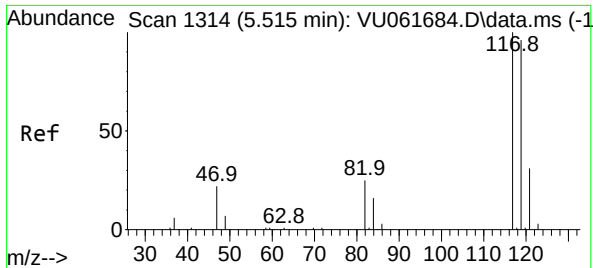
Tgt Ion: 97 Resp: 102881
Ion Ratio Lower Upper
97 100
99 63.9 51.7 77.5
61 43.0 35.4 53.0



#30
Cyclohexane
Concen: 4.763 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU061707.D
Acq: 15 Nov 2024 08:48

Tgt Ion: 56 Resp: 101044
Ion Ratio Lower Upper
56 100
69 33.0 25.6 38.4
84 96.3 74.3 111.5

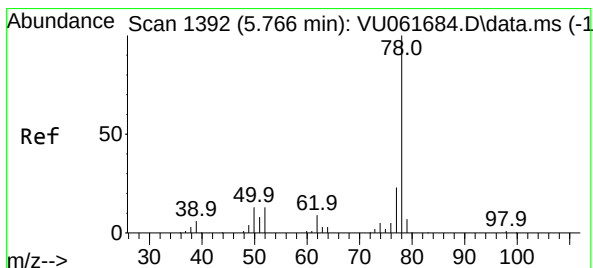
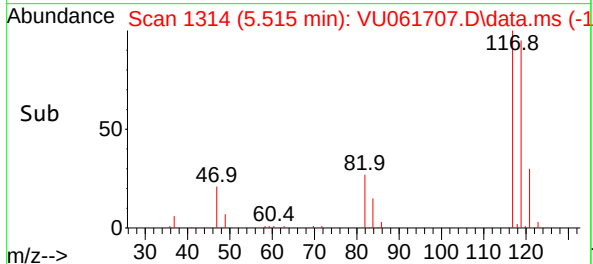
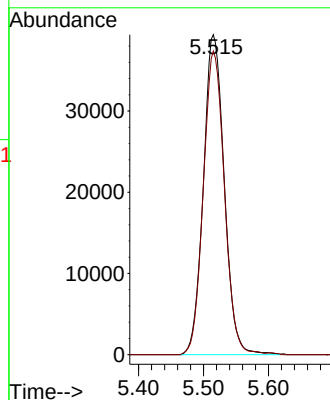
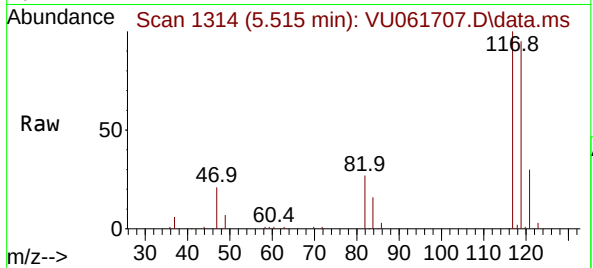




#31
Carbon tetrachloride
Concen: 4.874 ug/L
RT: 5.515 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VU061707.D
Acq: 15 Nov 2024 08:48

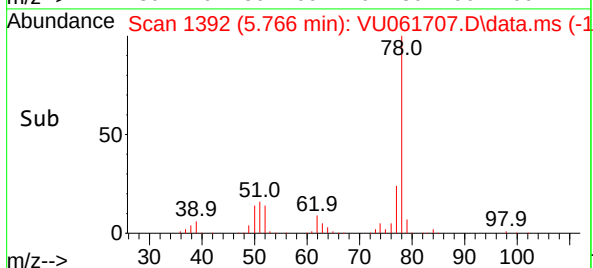
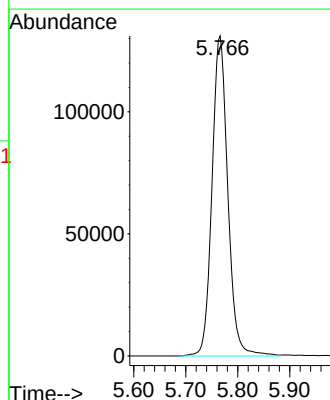
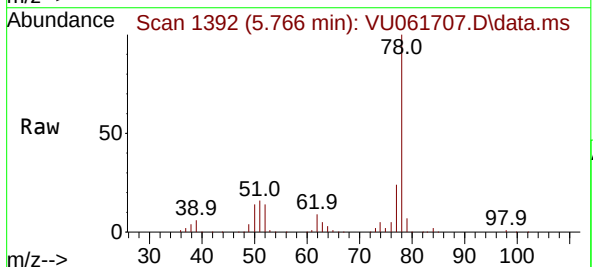
Instrument :
MSVOA_U
ClientSampleId :

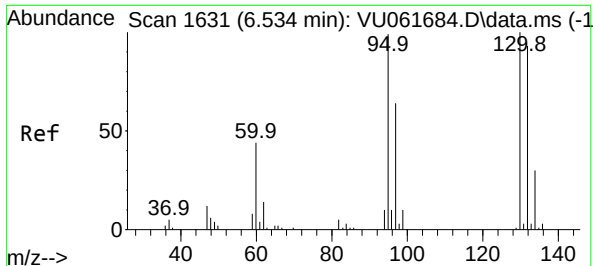
Tgt Ion:117 Resp: 88160
Ion Ratio Lower Upper
117 100
119 95.7 76.6 114.8



#33
Benzene
Concen: 4.903 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU061707.D
Acq: 15 Nov 2024 08:48

Tgt Ion: 78 Resp: 276929





#34

Trichloroethene

Concen: 4.867 ug/L

RT: 6.534 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU061707.D

Acq: 15 Nov 2024 08:48

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 74232

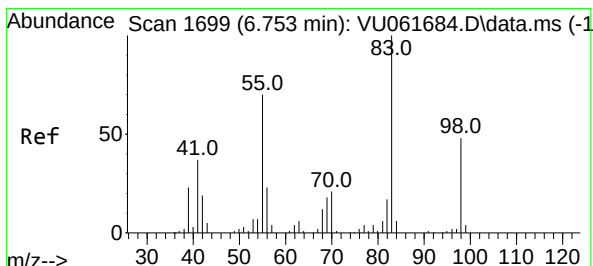
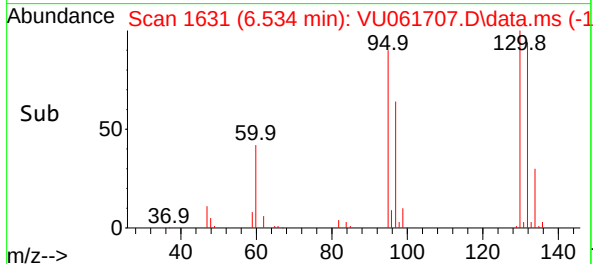
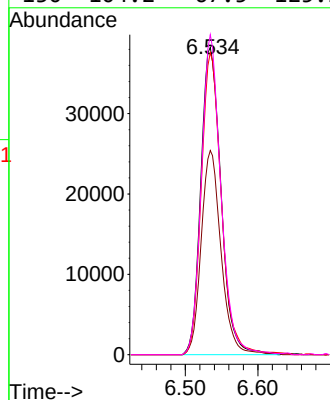
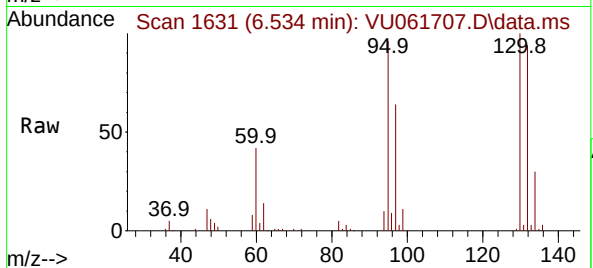
Ion Ratio Lower Upper

95 100

97 66.5 43.5 80.9

132 98.3 65.2 121.0

130 104.2 67.5 125.3



#35

Methylcyclohexane

Concen: 4.966 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. 0.003 min

Lab File: VU061707.D

Acq: 15 Nov 2024 08:48

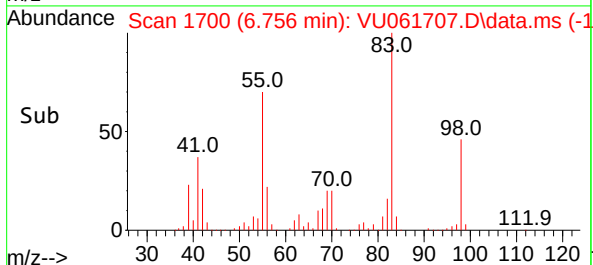
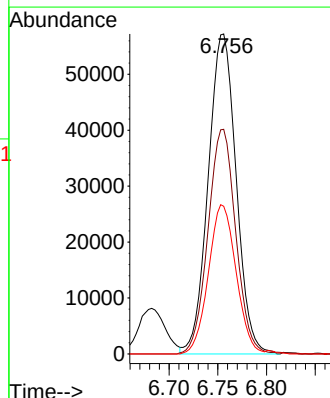
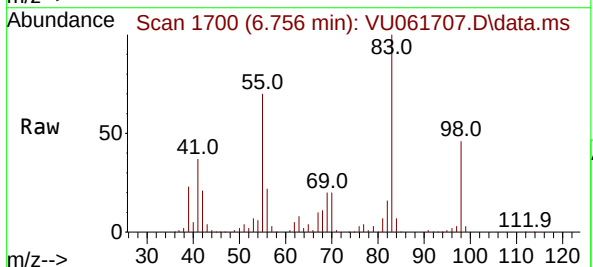
Tgt Ion: 83 Resp: 114217

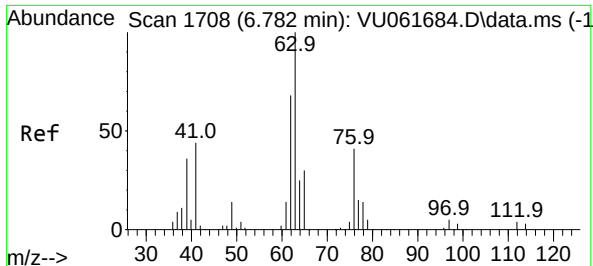
Ion Ratio Lower Upper

83 100

55 69.7 56.4 84.6

98 46.0 37.7 56.5

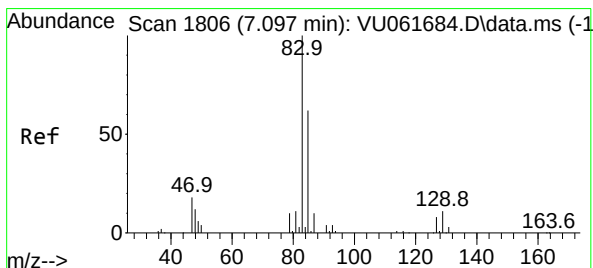
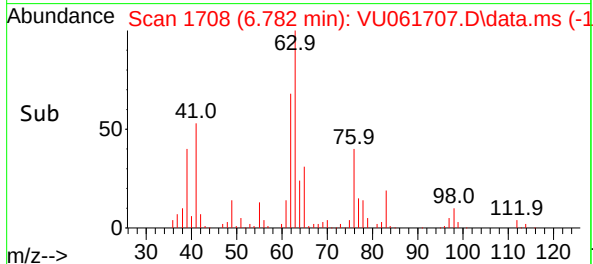
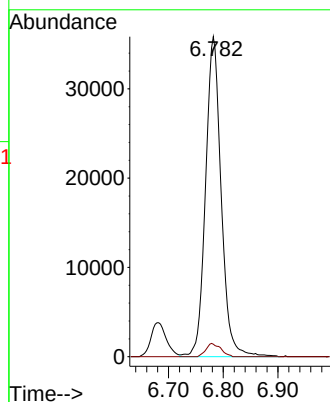
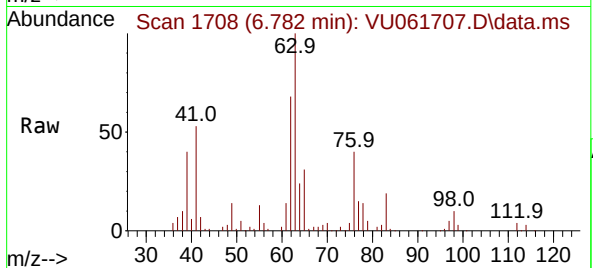




#37
1,2-Dichloropropane
Concen: 4.964 ug/L
RT: 6.782 min Scan# 1708
Delta R.T. 0.000 min
Lab File: VU061707.D
Acq: 15 Nov 2024 08:48

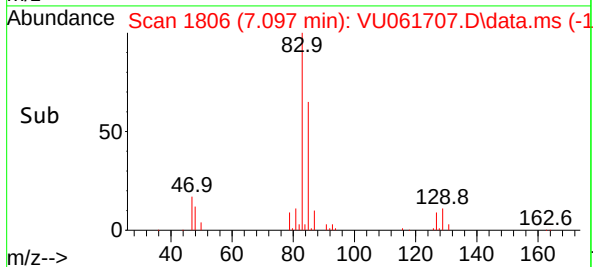
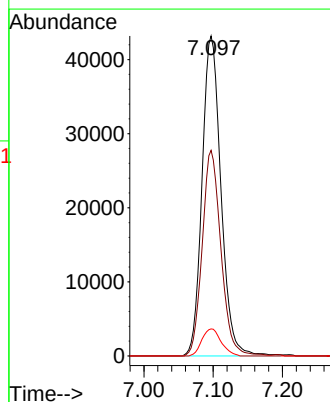
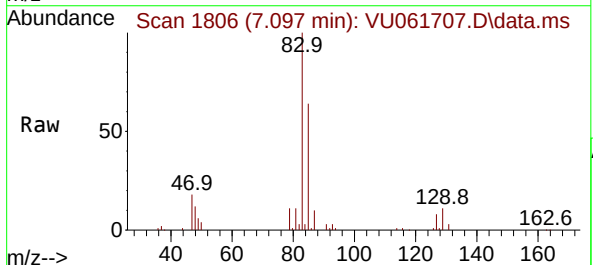
Instrument :
MSVOA_U
ClientSampleId :

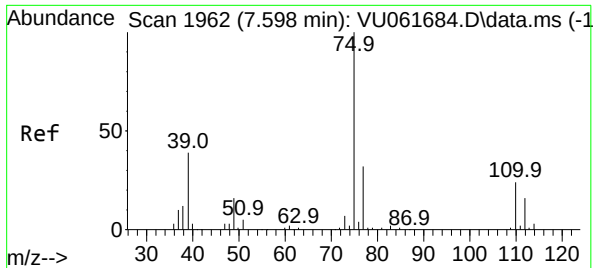
Tgt Ion: 63 Resp: 71129
Ion Ratio Lower Upper
63 100
112 3.9 3.0 4.4



#38
Bromodichloromethane
Concen: 4.757 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU061707.D
Acq: 15 Nov 2024 08:48

Tgt Ion: 83 Resp: 81798
Ion Ratio Lower Upper
83 100
85 64.2 45.0 83.6
127 8.5 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 4.859 ug/L

RT: 7.599 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VU061707.D

Acq: 15 Nov 2024 08:48

Instrument :

MSVOA_U

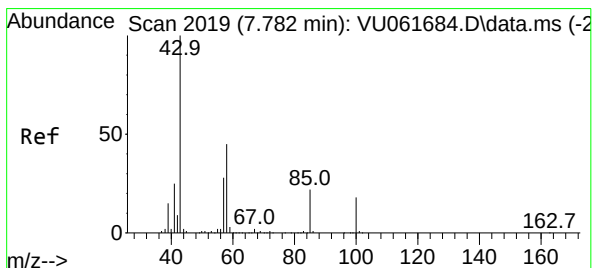
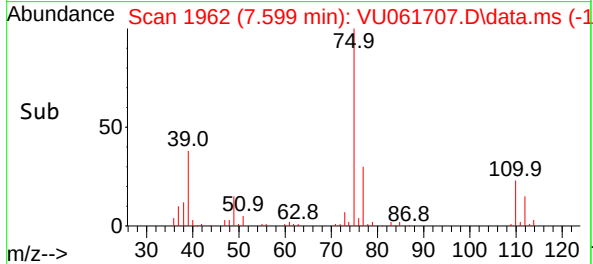
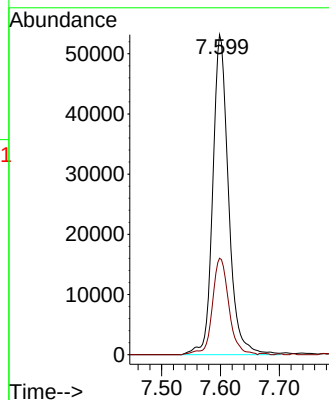
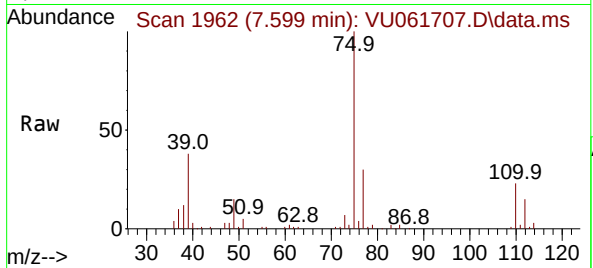
ClientSampleId :

Tgt Ion: 75 Resp: 99101

Ion Ratio Lower Upper

75 100

77 30.1 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 50.203 ug/L

RT: 7.782 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VU061707.D

Acq: 15 Nov 2024 08:48

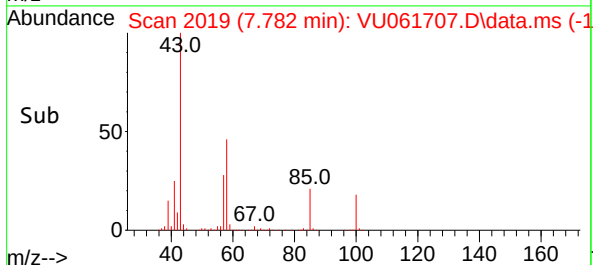
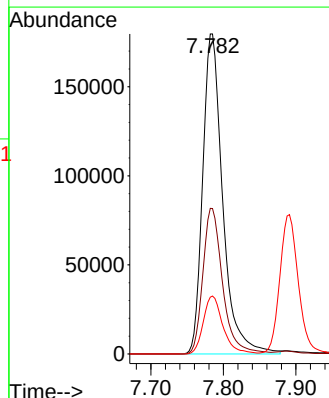
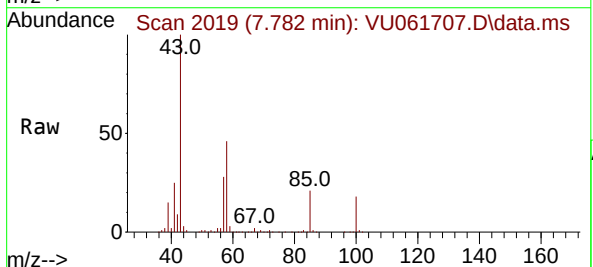
Tgt Ion: 43 Resp: 344931

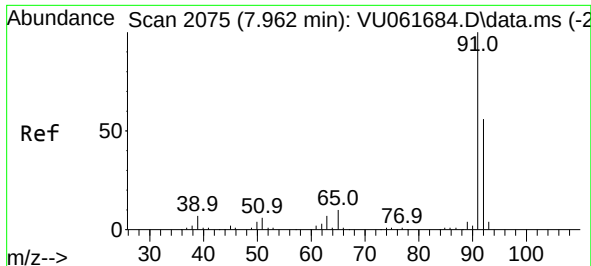
Ion Ratio Lower Upper

43 100

58 44.9 35.7 53.5

100 17.8 14.2 21.2





#42

Toluene

Concen: 5.011 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU061707.D

Acq: 15 Nov 2024 08:48

Instrument :

MSVOA_U

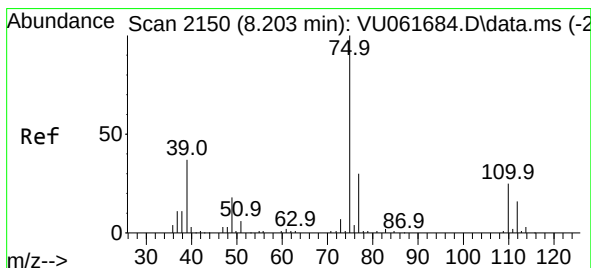
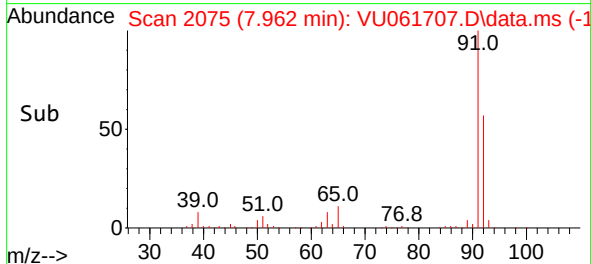
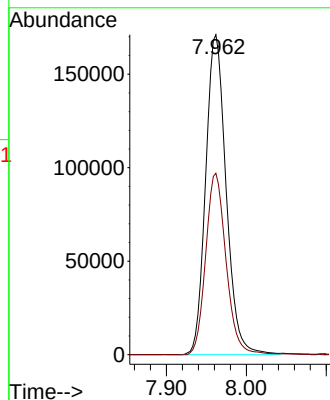
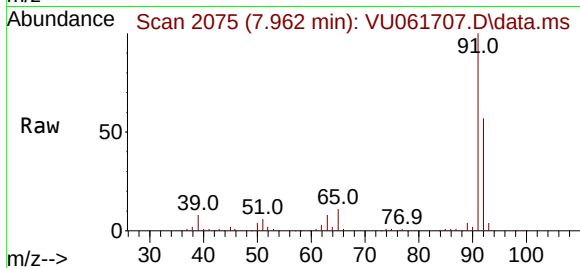
ClientSampleId :

Tgt Ion: 91 Resp: 304721

Ion Ratio Lower Upper

91 100

92 56.7 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 4.778 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU061707.D

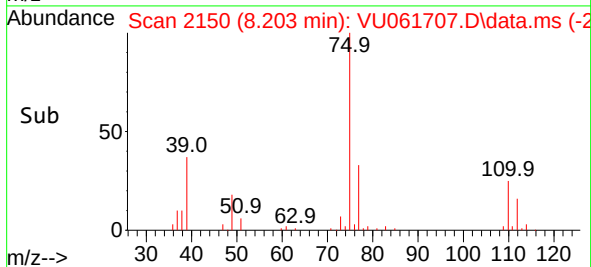
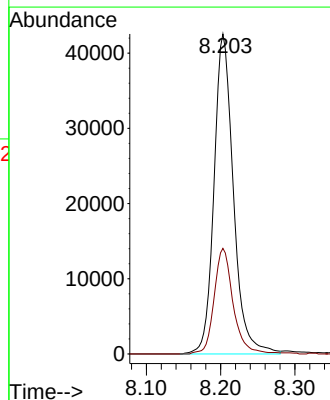
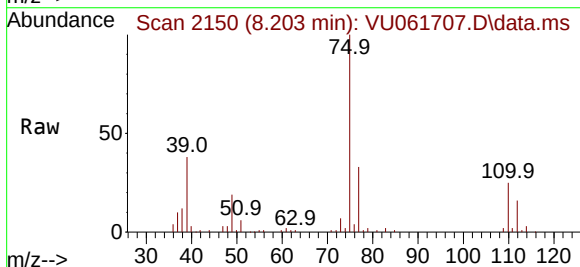
Acq: 15 Nov 2024 08:48

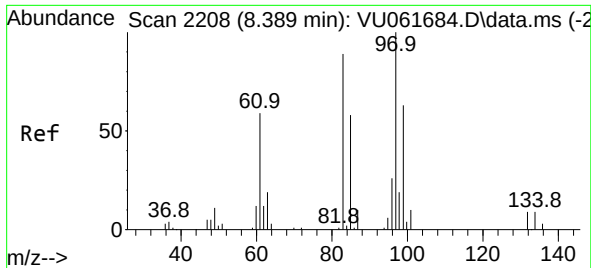
Tgt Ion: 75 Resp: 77294

Ion Ratio Lower Upper

75 100

77 33.0 21.7 40.3

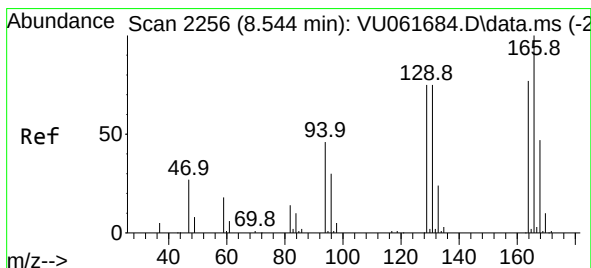
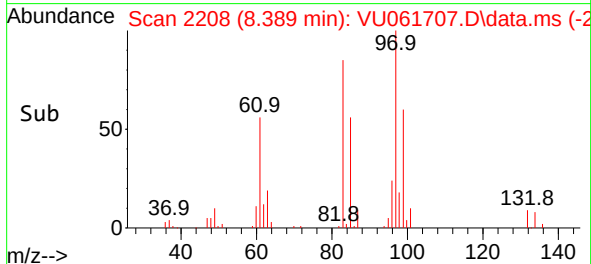
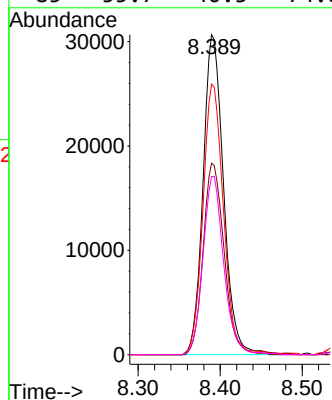
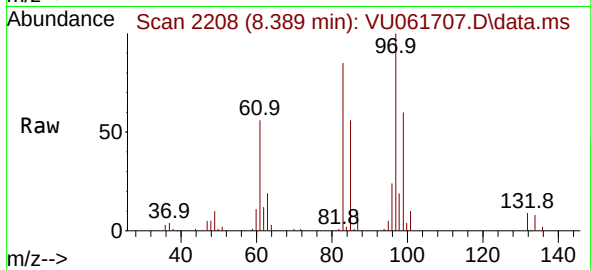




#45
1,1,2-Trichloroethane
Concen: 5.091 ug/L
RT: 8.389 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VU061707.D
Acq: 15 Nov 2024 08:48

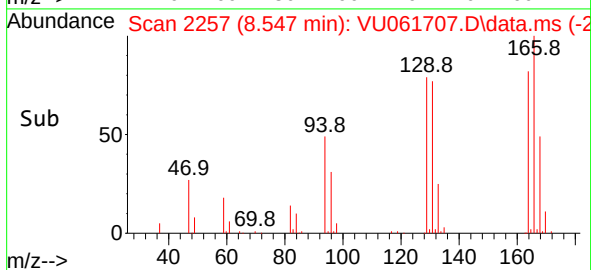
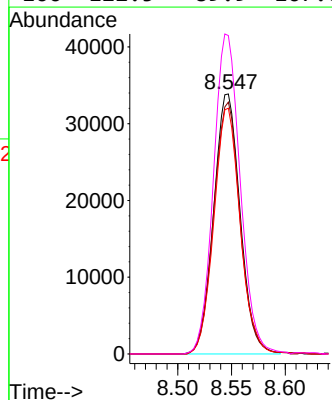
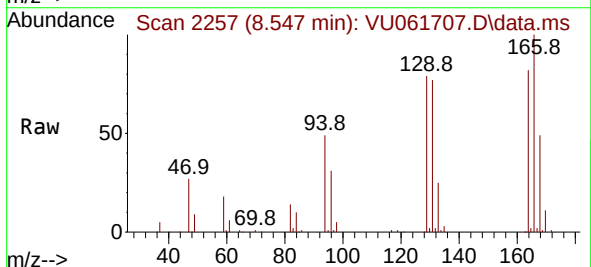
Instrument :
MSVOA_U
ClientSampleId :

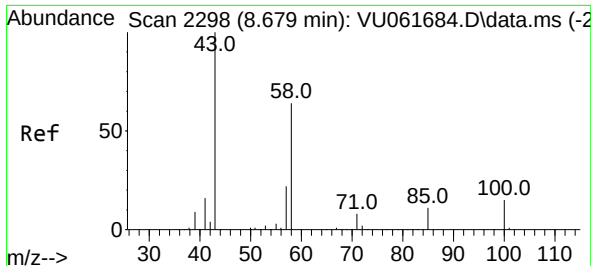
Tgt Ion:	97	Resp:	53183
Ion	Ratio	Lower	Upper
97	100		
99	59.8	43.8	81.3
83	84.5	63.2	117.4
85	55.7	40.3	74.8



#47
Tetrachloroethene
Concen: 5.055 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.003 min
Lab File: VU061707.D
Acq: 15 Nov 2024 08:48

Tgt Ion:	164	Resp:	57938
Ion	Ratio	Lower	Upper
164	100		
129	96.9	71.7	133.3
131	94.5	68.2	126.6
166	122.5	89.9	167.0

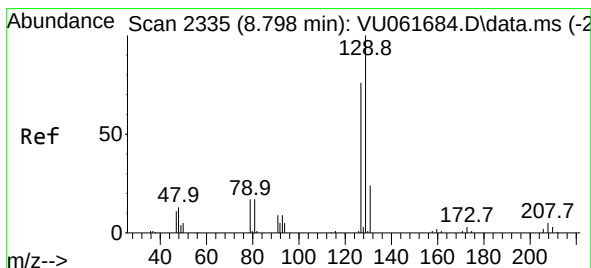
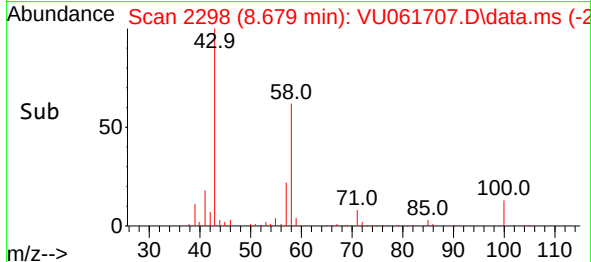
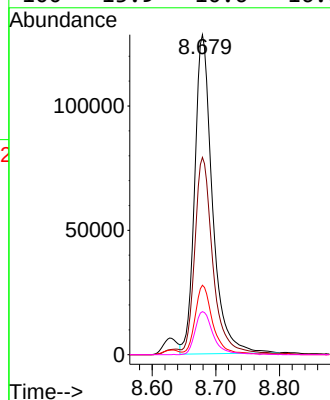
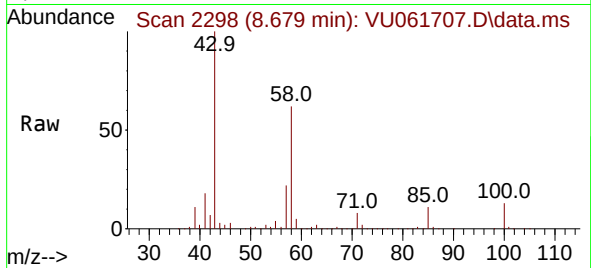




#48
2-Hexanone
Concen: 50.680 ug/L
RT: 8.679 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU061707.D
Acq: 15 Nov 2024 08:48

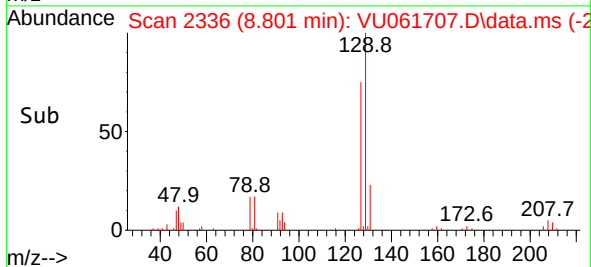
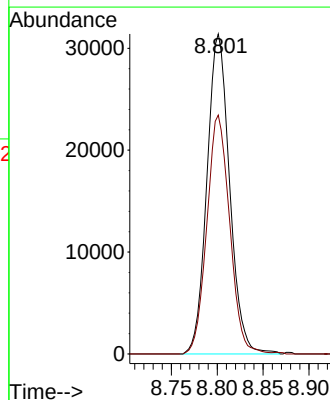
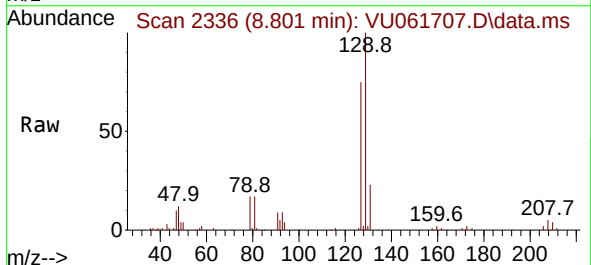
Instrument :
MSVOA_U
ClientSampleId :

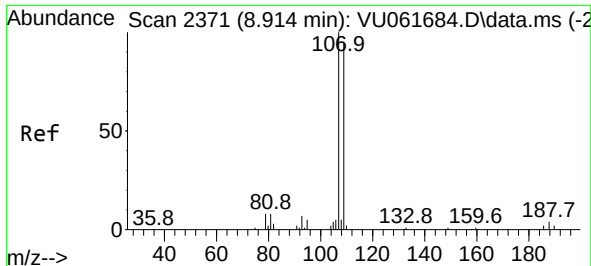
Tgt Ion:	43	Resp:	248978
Ion	Ratio	Lower	Upper
43	100		
58	62.0	49.4	74.2
57	21.2	16.3	24.5
100	13.9	10.6	16.0



#49
Dibromochloromethane
Concen: 4.931 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.003 min
Lab File: VU061707.D
Acq: 15 Nov 2024 08:48

Tgt Ion:	129	Resp:	54016
Ion	Ratio	Lower	Upper
129	100		
127	74.6	55.1	102.3





#50

1,2-Dibromoethane

Concen: 5.134 ug/L

RT: 8.917 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU061707.D

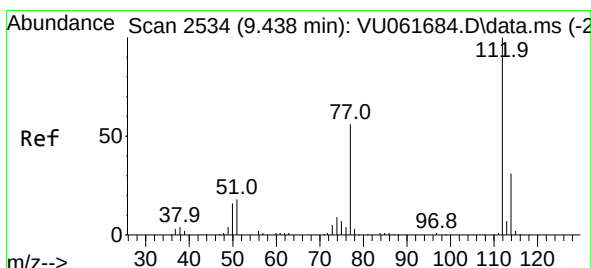
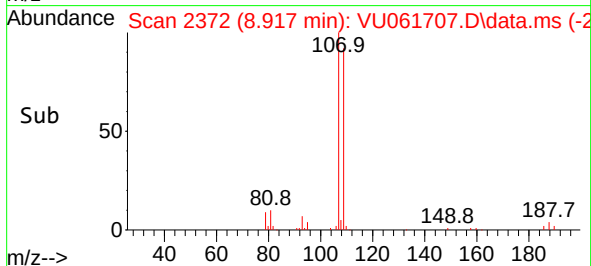
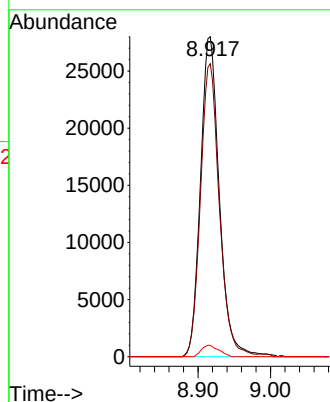
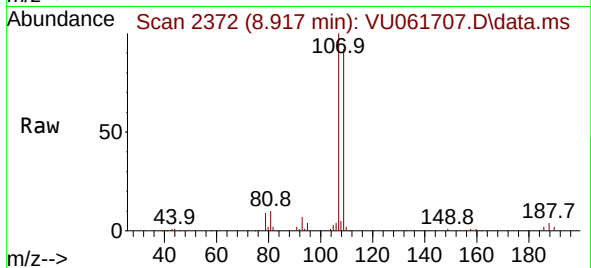
Acq: 15 Nov 2024 08:48

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	50584
Ion	Ratio	Lower	Upper
107	100		
109	91.5	64.8	120.4
188	3.6	2.5	3.7



#51

Chlorobenzene

Concen: 4.918 ug/L

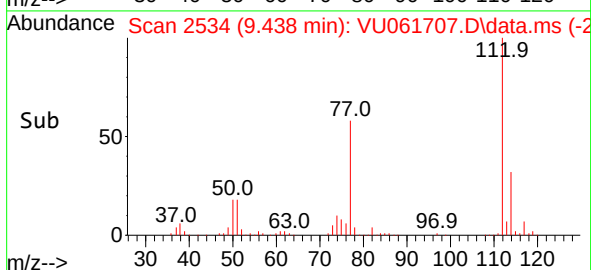
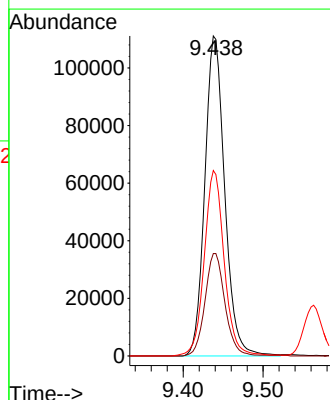
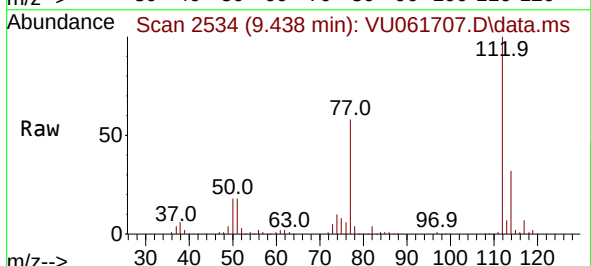
RT: 9.438 min Scan# 2534

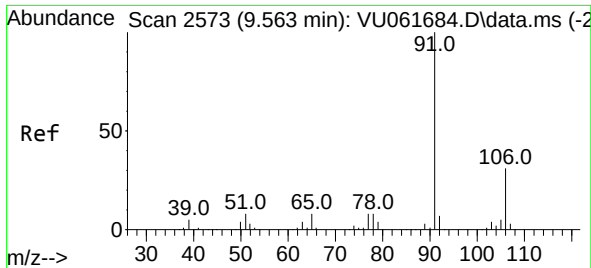
Delta R.T. 0.000 min

Lab File: VU061707.D

Acq: 15 Nov 2024 08:48

Tgt Ion:	112	Resp:	192530
Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.5	41.9
77	58.0	45.3	67.9

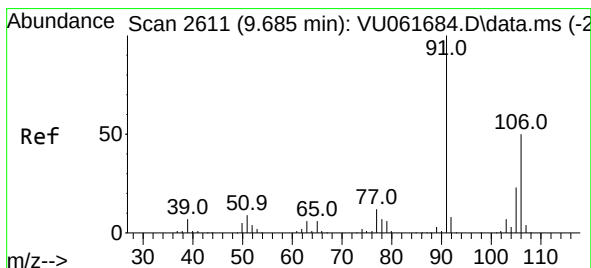
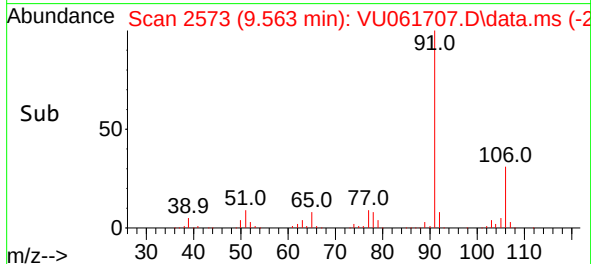
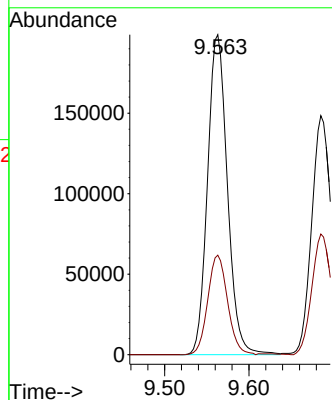
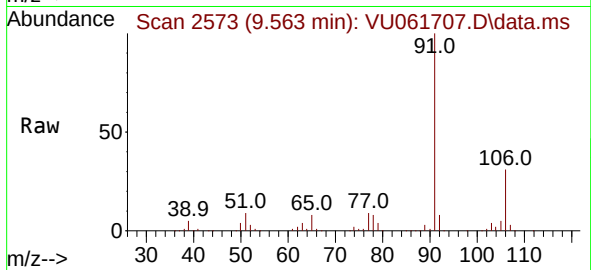




#52
Ethylbenzene
Concen: 5.038 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU061707.D
Acq: 15 Nov 2024 08:48

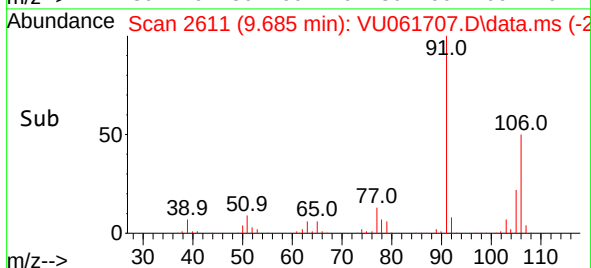
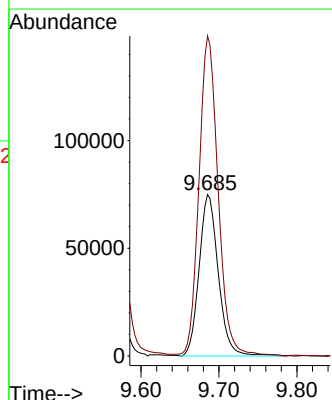
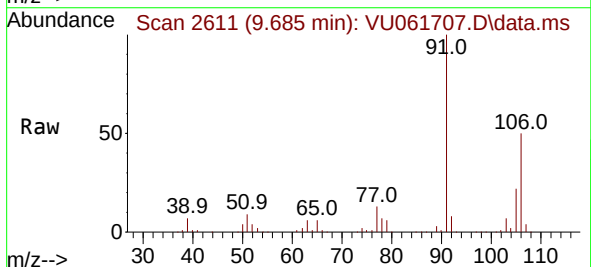
Instrument :
MSVOA_U
ClientSampleId :

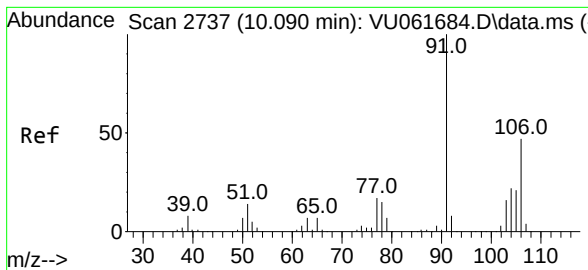
Tgt Ion: 91 Resp: 326381
Ion Ratio Lower Upper
91 100
106 31.1 21.7 40.3



#53
m,p-Xylene
Concen: 5.156 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. 0.000 min
Lab File: VU061707.D
Acq: 15 Nov 2024 08:48

Tgt Ion:106 Resp: 127806
Ion Ratio Lower Upper
106 100
91 198.1 140.4 260.8





#54

o-Xylene

Concen: 5.016 ug/L

RT: 10.094 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU061707.D

Acq: 15 Nov 2024 08:48

Instrument :

MSVOA_U

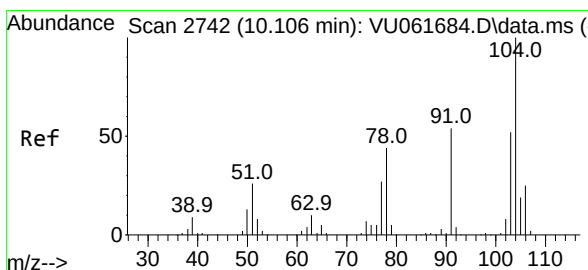
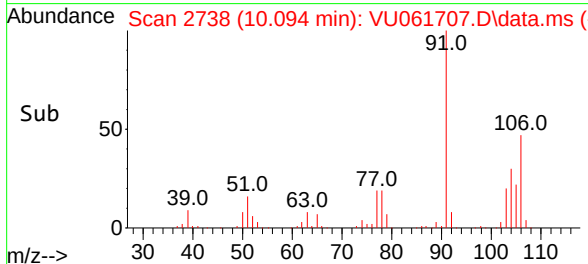
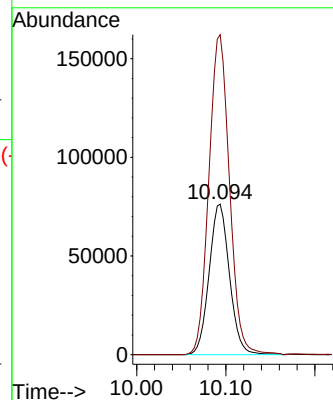
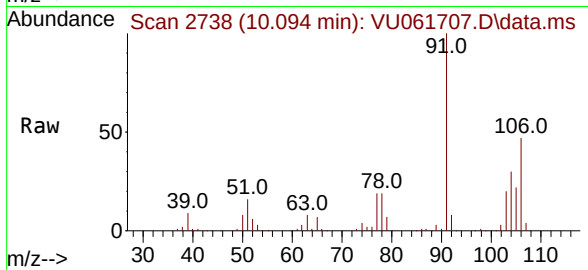
ClientSampleId :

Tgt Ion:106 Resp: 120849

Ion Ratio Lower Upper

106 100

91 212.6 151.3 280.9



#55

Styrene

Concen: 5.069 ug/L

RT: 10.106 min Scan# 2742

Delta R.T. 0.000 min

Lab File: VU061707.D

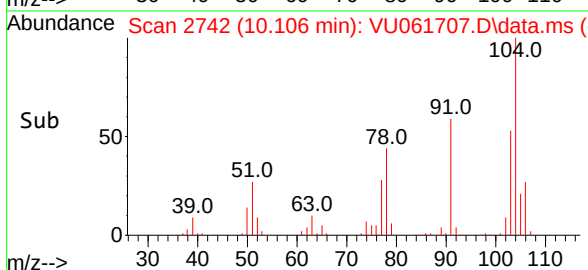
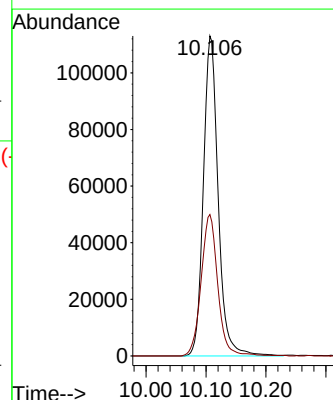
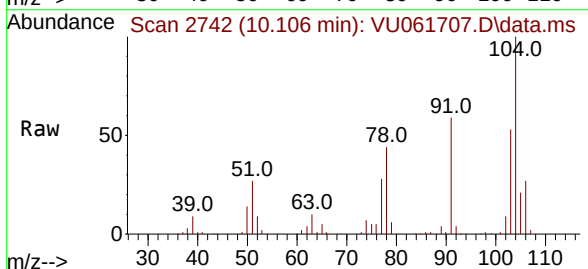
Acq: 15 Nov 2024 08:48

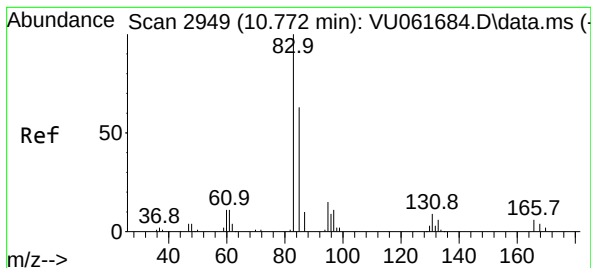
Tgt Ion:104 Resp: 194454

Ion Ratio Lower Upper

104 100

78 44.2 31.6 58.6





#57

1,1,2,2-Tetrachloroethane

Concen: 5.059 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. 0.000 min

Lab File: VU061707.D

Acq: 15 Nov 2024 08:48

Instrument :

MSVOA_U

ClientSampleId :

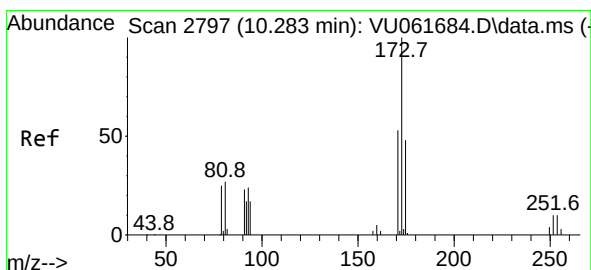
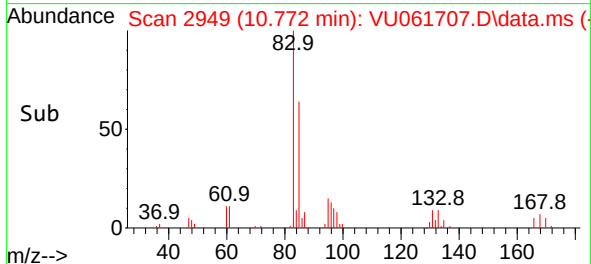
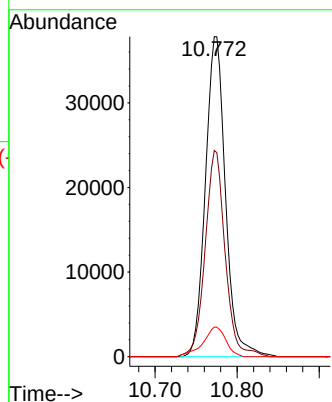
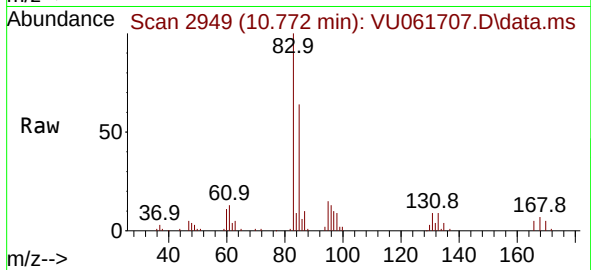
Tgt Ion: 83 Resp: 64317

Ion Ratio Lower Upper

83 100

85 64.5 41.9 77.9

131 9.3 7.8 11.6



#59

Bromoform

Concen: 4.643 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VU061707.D

Acq: 15 Nov 2024 08:48

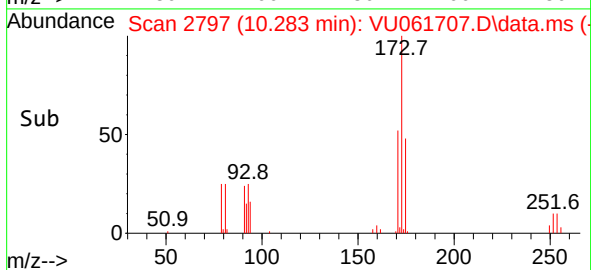
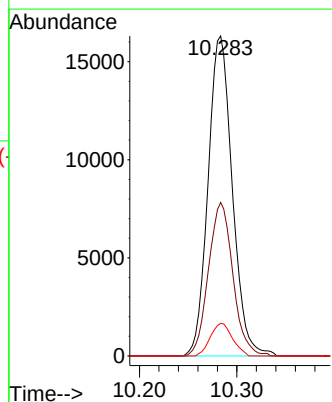
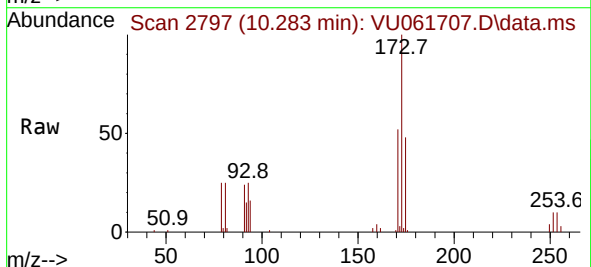
Tgt Ion:173 Resp: 28235

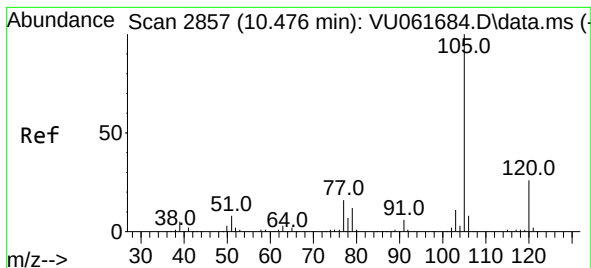
Ion Ratio Lower Upper

173 100

175 48.2 39.3 58.9

254 9.3 7.8 11.8





#60

Isopropylbenzene

Concen: 5.073 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU061707.D

Acq: 15 Nov 2024 08:48

Instrument :

MSVOA_U

ClientSampleId :

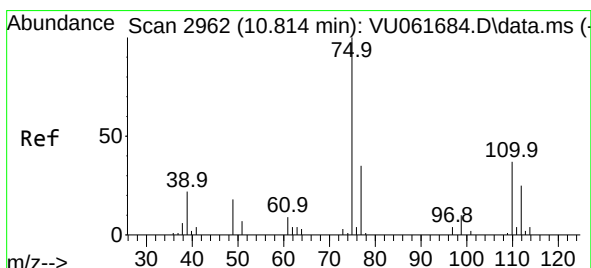
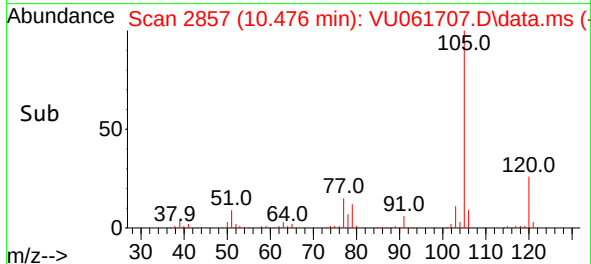
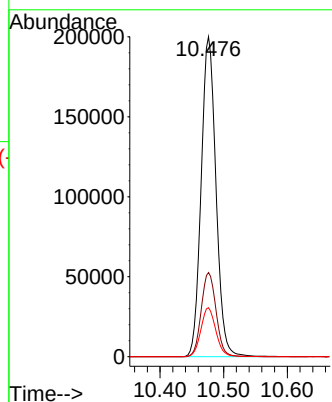
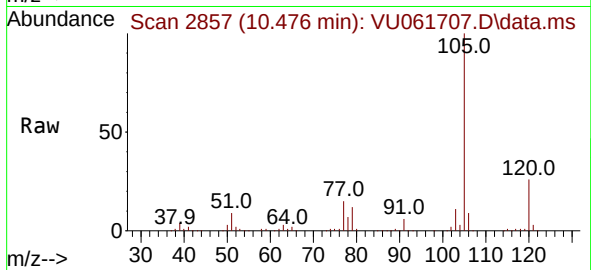
Tgt Ion:105 Resp: 323187

Ion Ratio Lower Upper

105 100

120 26.4 21.6 32.4

77 15.6 12.8 19.2



#61

1,2,3-Trichloropropane

Concen: 4.966 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. 0.000 min

Lab File: VU061707.D

Acq: 15 Nov 2024 08:48

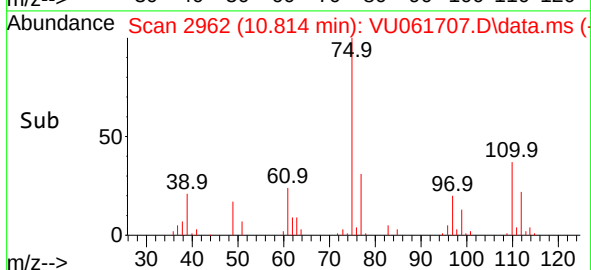
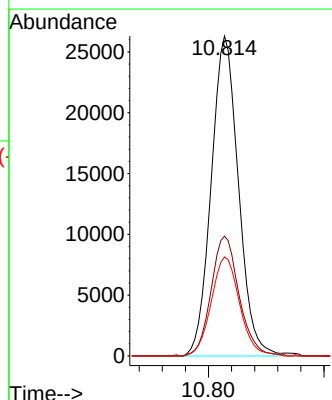
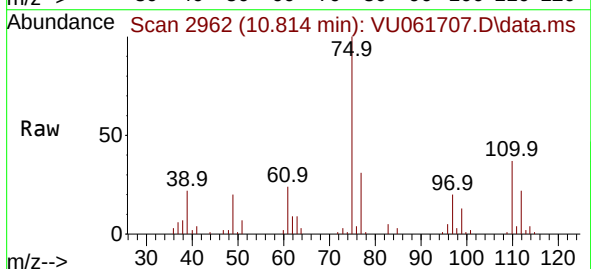
Tgt Ion: 75 Resp: 42976

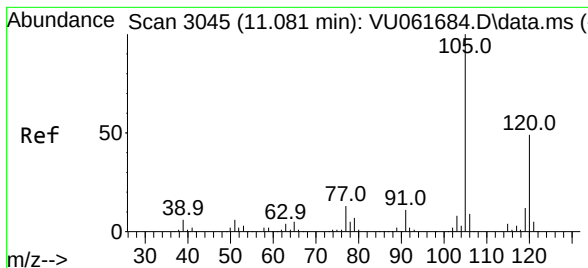
Ion Ratio Lower Upper

75 100

110 38.5 31.3 46.9

77 32.4 26.0 39.0

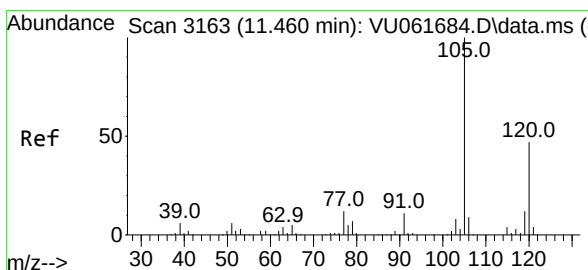
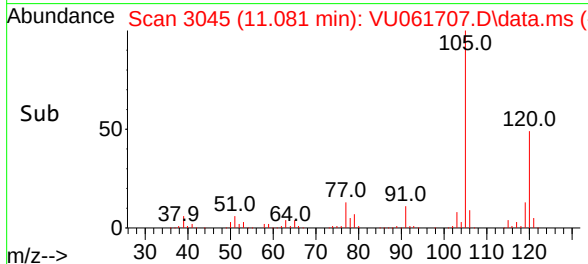
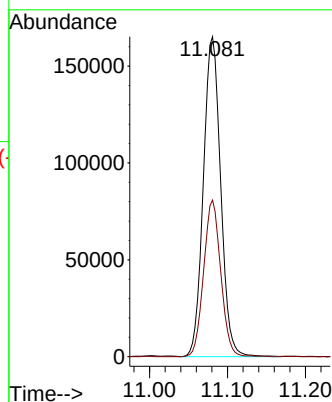
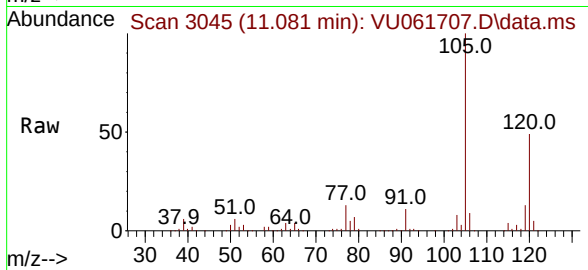




#62
1,3,5-Trimethylbenzene
Concen: 5.008 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. 0.000 min
Lab File: VU061707.D
Acq: 15 Nov 2024 08:48

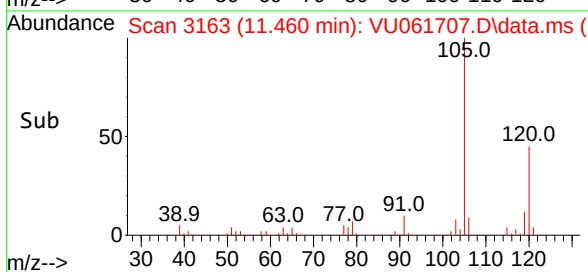
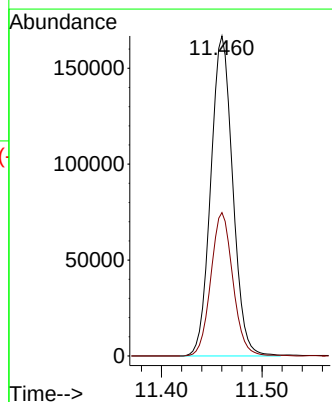
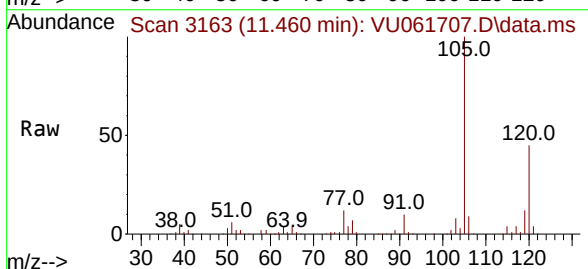
Instrument :
MSVOA_U
ClientSampleId :

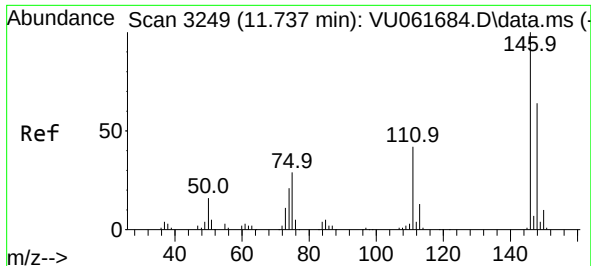
Tgt Ion:105 Resp: 255457
Ion Ratio Lower Upper
105 100
120 48.2 38.5 57.7



#63
1,2,4-Trimethylbenzene
Concen: 5.100 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VU061707.D
Acq: 15 Nov 2024 08:48

Tgt Ion:105 Resp: 253255
Ion Ratio Lower Upper
105 100
120 45.0 36.3 54.5

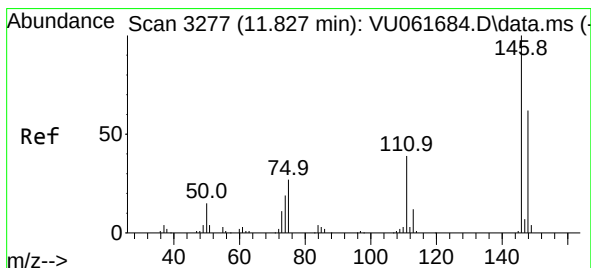
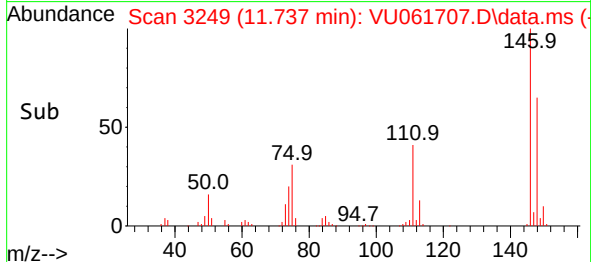
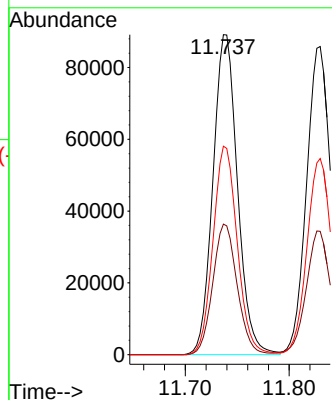
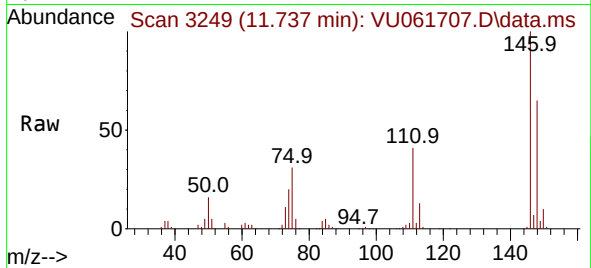




#64
1,3-Dichlorobenzene
Concen: 5.017 ug/L
RT: 11.737 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU061707.D
Acq: 15 Nov 2024 08:48

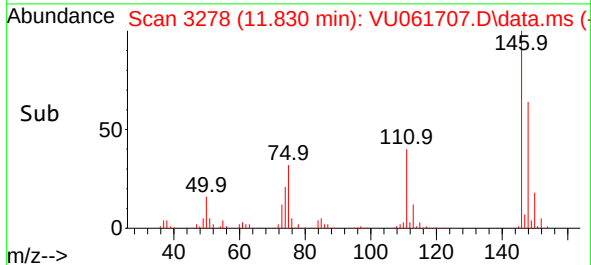
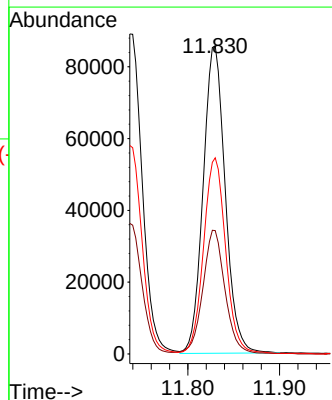
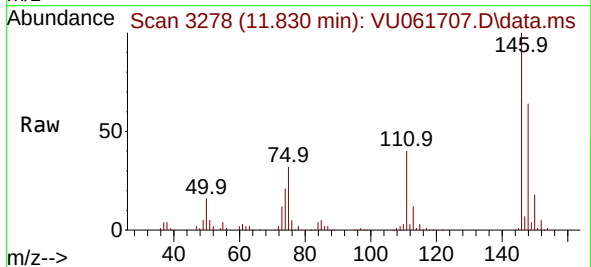
Instrument :
MSVOA_U
ClientSampleId :

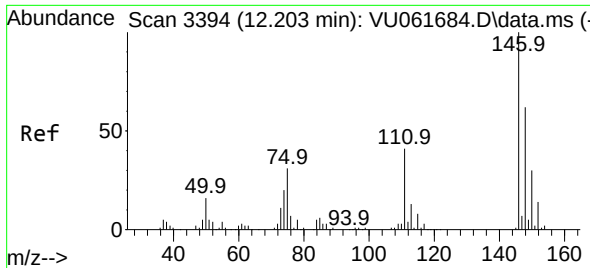
Tgt Ion:146 Resp: 146583
Ion Ratio Lower Upper
146 100
111 40.8 29.3 54.3
148 65.2 44.5 82.7



#65
1,4-Dichlorobenzene
Concen: 4.833 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.003 min
Lab File: VU061707.D
Acq: 15 Nov 2024 08:48

Tgt Ion:146 Resp: 143383
Ion Ratio Lower Upper
146 100
111 40.0 28.8 53.4
148 63.7 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 4.944 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. 0.000 min

Lab File: VU061707.D

Acq: 15 Nov 2024 08:48

Instrument :

MSVOA_U

ClientSampleId :

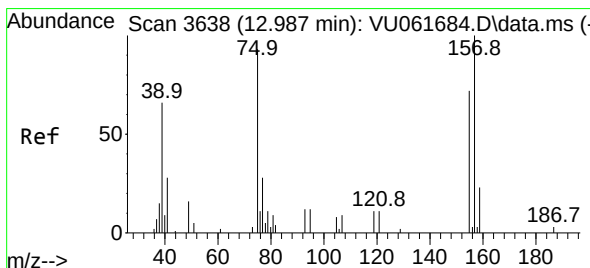
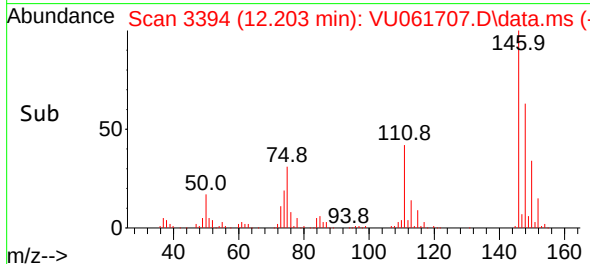
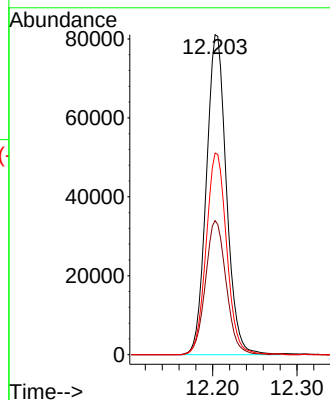
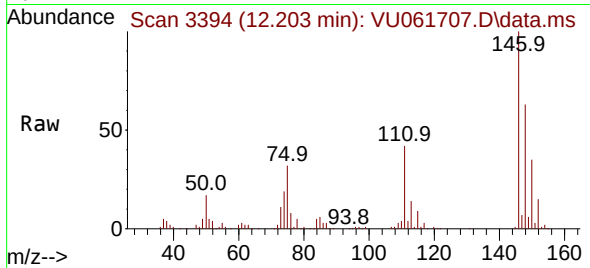
Tgt Ion:146 Resp: 134330

Ion Ratio Lower Upper

146 100

111 41.9 35.2 52.8

148 63.0 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 4.990 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. 0.000 min

Lab File: VU061707.D

Acq: 15 Nov 2024 08:48

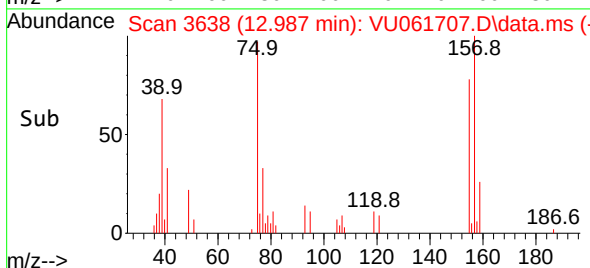
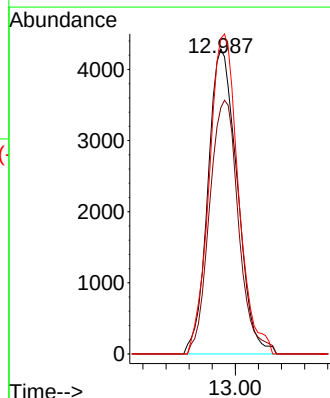
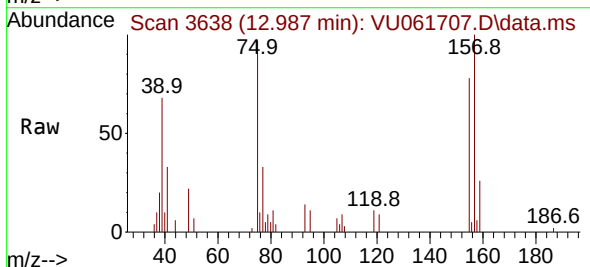
Tgt Ion: 75 Resp: 7540

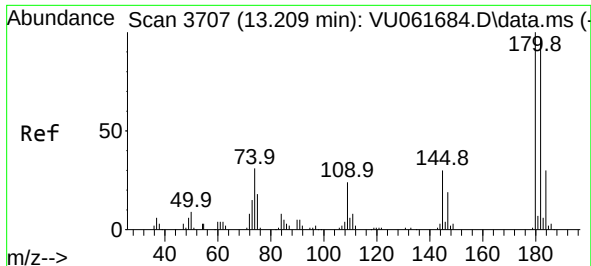
Ion Ratio Lower Upper

75 100

155 80.8 62.6 93.8

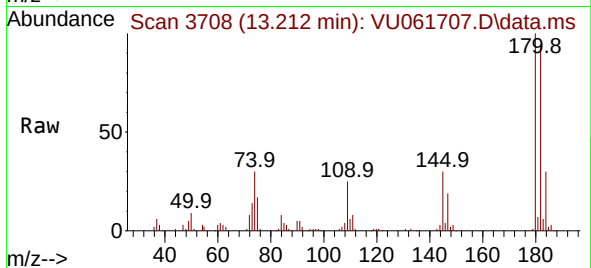
157 103.5 84.9 127.3



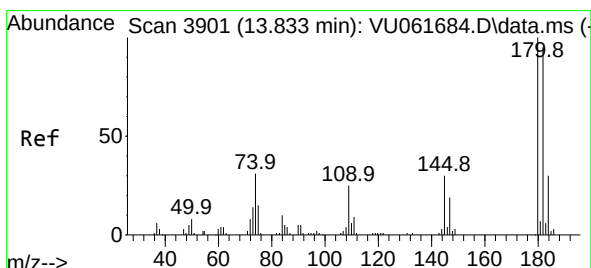
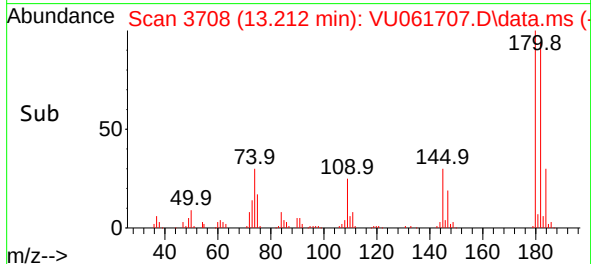
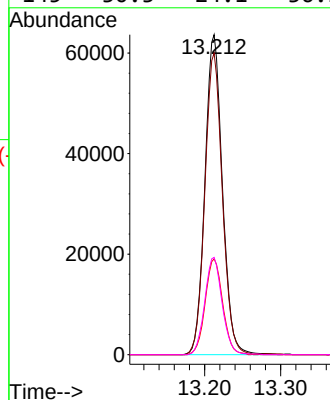


#69
 1,3,5-Trichlorobenzene
 Concen: 4.979 ug/L
 RT: 13.212 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU061707.D
 Acq: 15 Nov 2024 08:48

Instrument :
 MSVOA_U
 ClientSampleId :

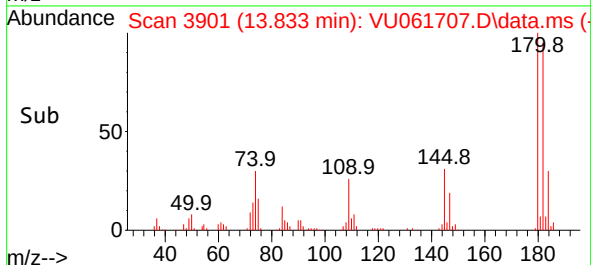
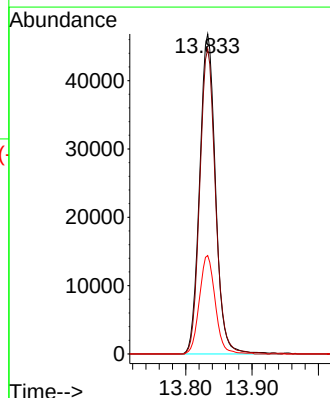
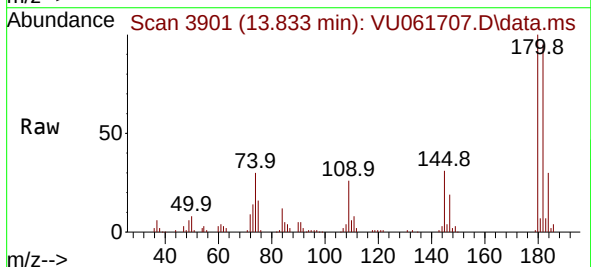


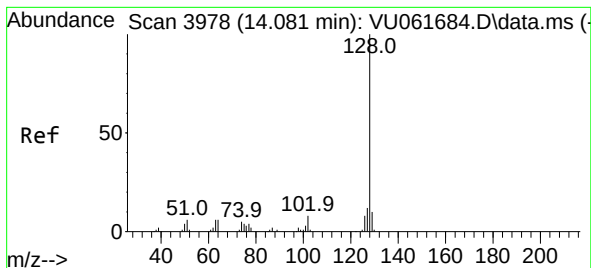
Tgt Ion:180 Resp: 101562
 Ion Ratio Lower Upper
 180 100
 182 94.2 77.1 115.7
 184 30.0 24.7 37.1
 145 30.3 24.1 36.1



#70
 1,2,4-trichlorobenzene
 Concen: 4.919 ug/L
 RT: 13.833 min Scan# 3901
 Delta R.T. 0.000 min
 Lab File: VU061707.D
 Acq: 15 Nov 2024 08:48

Tgt Ion:180 Resp: 77770
 Ion Ratio Lower Upper
 180 100
 182 94.4 77.4 116.0
 145 30.8 24.5 36.7





#71

Naphthalene

Concen: 4.511 ug/L

RT: 14.081 min Scan# 3978

Delta R.T. 0.000 min

Lab File: VU061707.D

Acq: 15 Nov 2024 08:48

Instrument :

MSVOA_U

ClientSampleId :

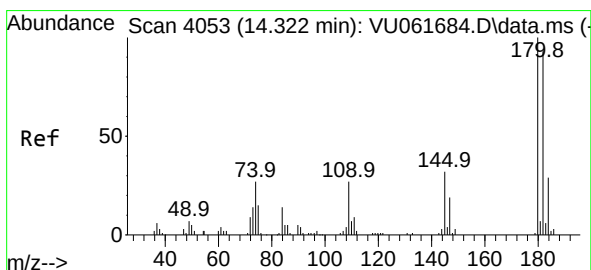
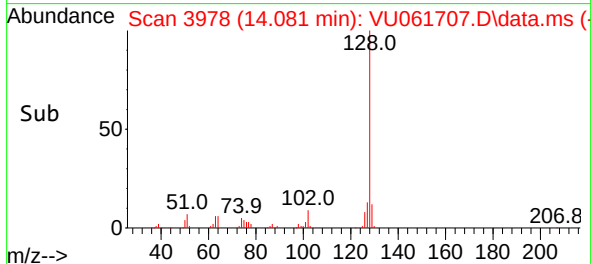
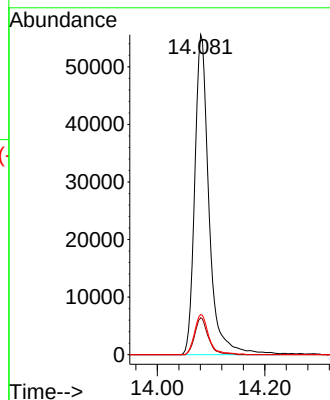
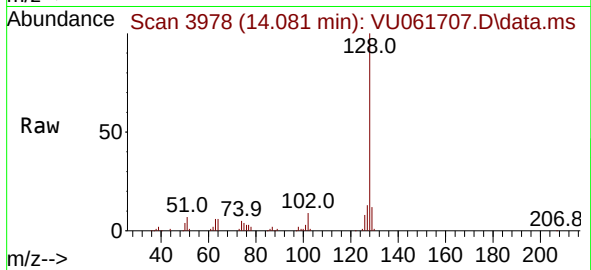
Tgt Ion:128 Resp: 102396

Ion Ratio Lower Upper

128 100

129 10.8 8.5 12.7

127 12.5 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 4.829 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. 0.000 min

Lab File: VU061707.D

Acq: 15 Nov 2024 08:48

Tgt Ion:180 Resp: 64094

Ion Ratio Lower Upper

180 100

182 94.5 76.6 114.8

145 31.1 26.3 39.5

