

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111424\
 Data File : VU061684.D
 Acq On : 14 Nov 2024 20:13
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 15 03:15:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 15 00:40:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	188086	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	178772	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	86001	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	51070	4.202	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.000%
7) Chloroethane-d5	1.911	69	48745	4.698	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.000%
11) 1,1-Dichloroethene-d2	2.560	65	23891	4.382	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.600%
20) 2-Butanone-d5	4.628	46	136185	52.797	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.600%
24) Chloroform-d	5.052	84	117124	4.849	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
26) 1,2-Dichloroethane-d4	5.692	65	57735	4.981	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
32) Benzene-d6	5.718	84	227657	4.603	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
36) 1,2-Dichloropropane-d6	6.679	67	69982	4.798	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.000%
41) Toluene-d8	7.888	98	209193	4.538	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
43) trans-1,3-Dichloroprop...	8.174	79	25501	4.746	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.000%
46) 2-Hexanone-d5	8.627	63	116833	55.028	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.060%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	59354	5.162	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.200%
66) 1,2-Dichlorobenzene-d4	12.183	152	73059	4.770	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	56600	4.049	ug/L	100
3) Chloromethane	1.518	50	61957	4.885	ug/L	100
5) Vinyl chloride	1.602	62	66649	4.762	ug/L	98
6) Bromomethane	1.856	94	37551	4.497	ug/L	99
8) Chloroethane	1.930	64	50839	5.237	ug/L	97
9) Trichlorofluoromethane	2.132	101	85871	4.174	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	49739	4.090	ug/L	98
12) 1,1-Dichloroethene	2.573	96	50916	4.484	ug/L	97
13) Acetone	2.644	43	84900	52.244	ug/L	97
14) Carbon disulfide	2.788	76	148301	4.067	ug/L	99
15) Methyl Acetate	2.952	43	20677	5.093	ug/L	100
16) Methylene chloride	3.039	84	68377	5.226	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	150844	5.420	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	57261	4.598	ug/L	97
19) 1,1-Dichloroethane	3.859	63	113588	5.003	ug/L	99
21) 2-Butanone	4.705	43	141559	53.337	ug/L	99
22) cis-1,2-Dichloroethene	4.656	96	70872	5.046	ug/L	97
23) Bromochloromethane	4.965	128	33488	5.368	ug/L	99
25) Chloroform	5.078	83	121820	5.090	ug/L	96

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 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 15 03:15:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 15 00:40:52 2024
 Response via : Initial Calibration

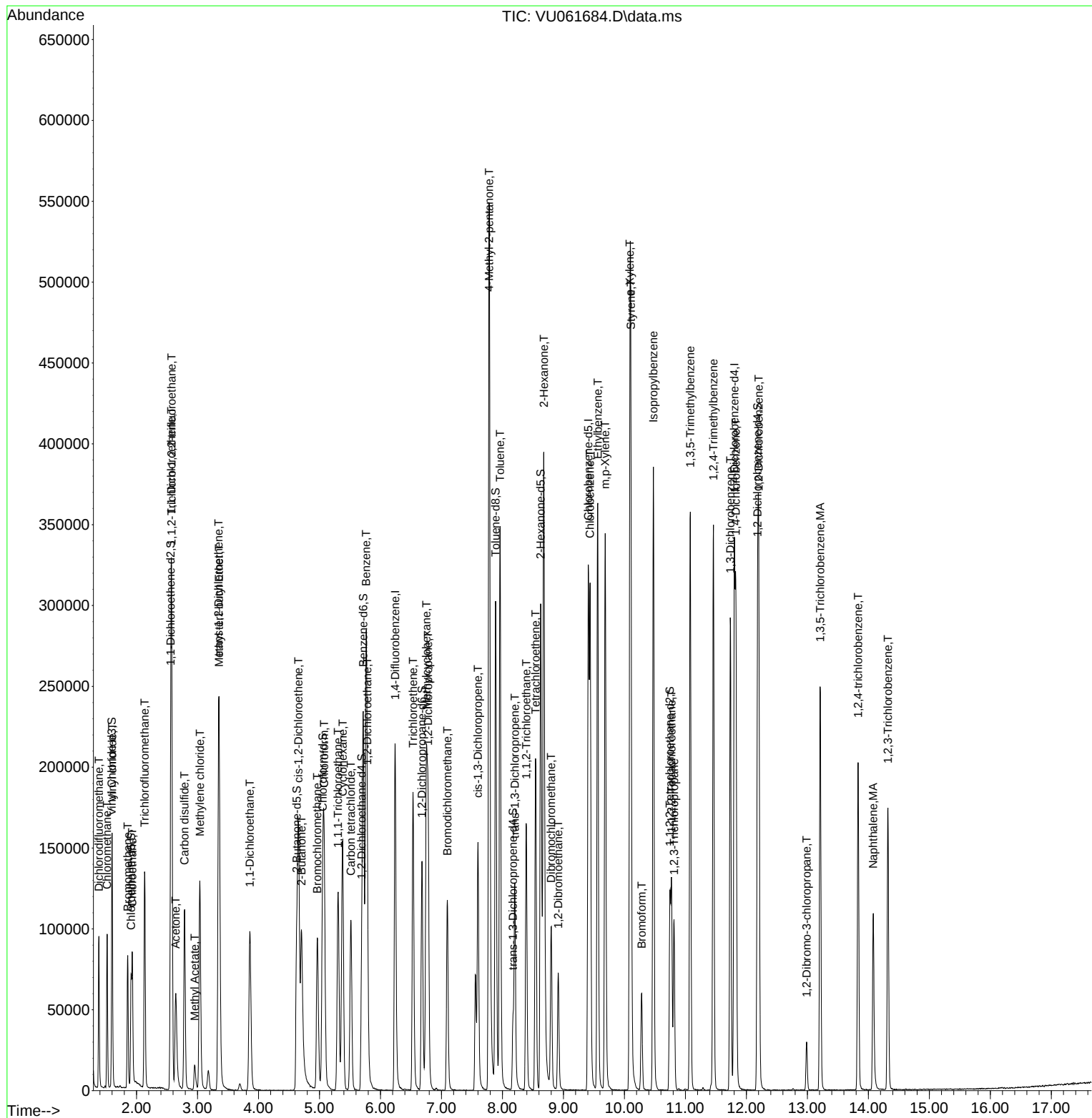
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	74774	4.979	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	90503	4.449	ug/L	100
30) Cyclohexane	5.380	56	76933	3.786	ug/L	99
31) Carbon tetrachloride	5.515	117	73001	4.213	ug/L	100
33) Benzene	5.766	78	257392	4.757	ug/L	100
34) Trichloroethene	6.534	95	64521	4.416	ug/L	97
35) Methylcyclohexane	6.753	83	82571	3.748	ug/L	99
37) 1,2-Dichloropropane	6.782	63	68591	4.997	ug/L	99
38) Bromodichloromethane	7.097	83	79003	4.797	ug/L	97
39) cis-1,3-Dichloropropene	7.598	75	94681	4.847	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	364935	55.449	ug/L	99
42) Toluene	7.962	91	270135	4.637	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	76704	4.950	ug/L	98
45) 1,1,2-Trichloroethane	8.389	97	53240	5.320	ug/L	99
47) Tetrachloroethene	8.544	164	45612	4.155	ug/L	98
48) 2-Hexanone	8.679	43	260003	55.251	ug/L	98
49) Dibromochloromethane	8.798	129	52429	4.997	ug/L	96
50) 1,2-Dibromoethane	8.914	107	49339	5.227	ug/L	98
51) Chlorobenzene	9.438	112	171323	4.569	ug/L	99
52) Ethylbenzene	9.563	91	270661	4.362	ug/L	100
53) m,p-Xylene	9.685	106	103149	4.344	ug/L	100
54) o-Xylene	10.090	106	103875	4.501	ug/L	99
55) Styrene	10.106	104	170120	4.630	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.772	83	64257	5.277	ug/L	96
59) Bromoform	10.283	173	27522	4.835	ug/L	99
60) Isopropylbenzene	10.476	105	255071	4.277	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	44274	5.465	ug/L	97
62) 1,3,5-Trimethylbenzene	11.081	105	198642	4.160	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	200044	4.304	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	123125	4.501	ug/L	100
65) 1,4-Dichlorobenzene	11.827	146	121922	4.390	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	118734	4.668	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.987	75	7661	5.415	ug/L	99
69) 1,3,5-Trichlorobenzene	13.209	180	80044	4.191	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	63361	4.281	ug/L	99
71) Naphthalene	14.081	128	98228	4.623	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	55445	4.463	ug/L	99

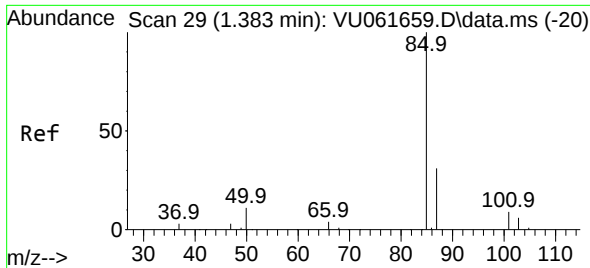
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Data File : VU061684.D
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Misc : 25mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Nov 15 03:15:18 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0
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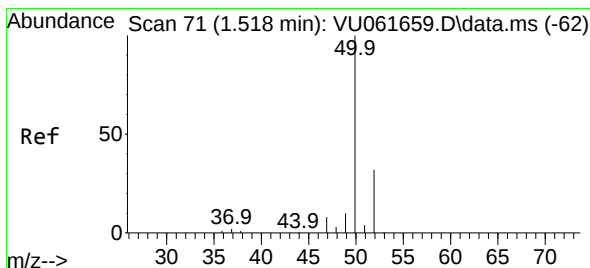
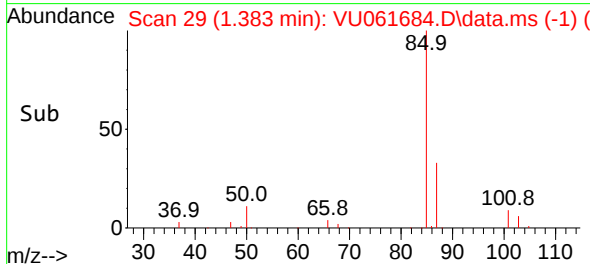
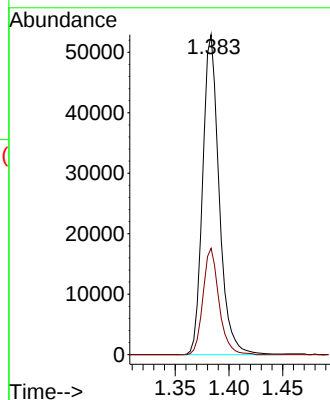
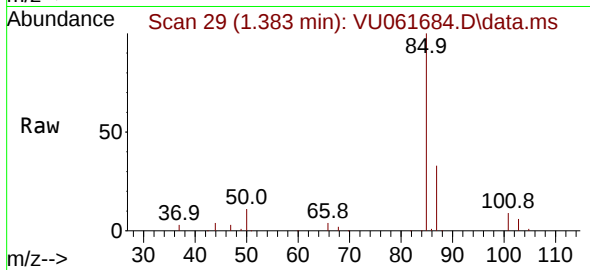




#2
Dichlorodifluoromethane
Concen: 4.049 ug/L
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU061684.D
Acq: 14 Nov 2024 20:13

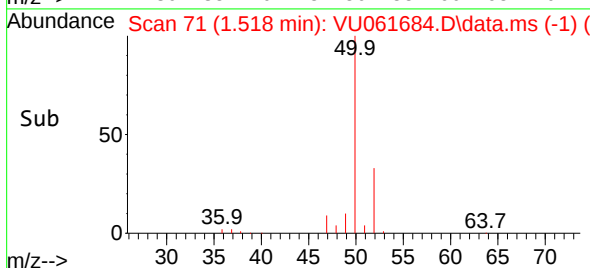
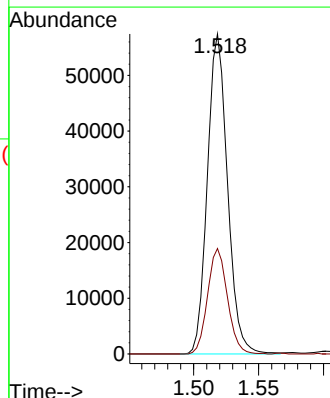
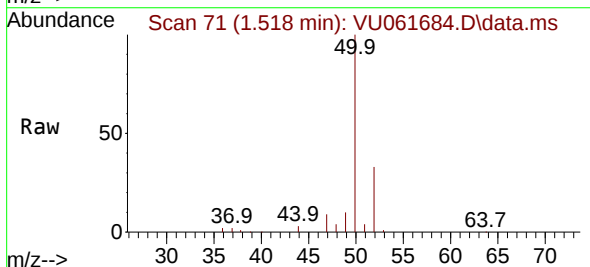
Instrument :
MSVOA_U
ClientSampleId :

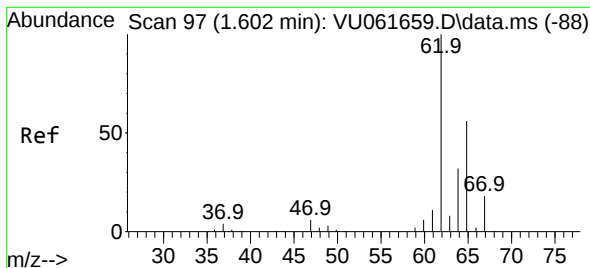
Tgt Ion: 85 Resp: 56600
Ion Ratio Lower Upper
85 100
87 32.2 26.0 39.0



#3
Chloromethane
Concen: 4.885 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU061684.D
Acq: 14 Nov 2024 20:13

Tgt Ion: 50 Resp: 61957
Ion Ratio Lower Upper
50 100
52 33.0 23.2 43.2





#5

Vinyl chloride

Concen: 4.762 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU061684.D

Acq: 14 Nov 2024 20:13

Instrument :

MSVOA_U

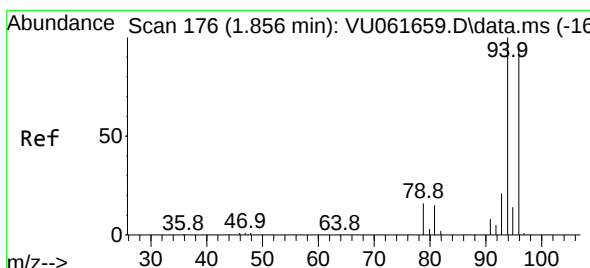
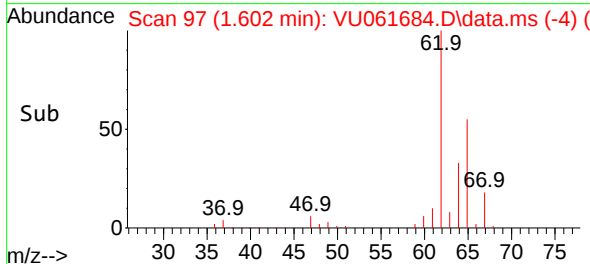
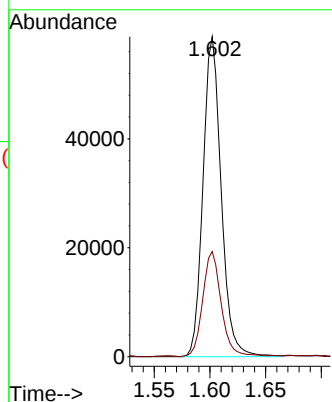
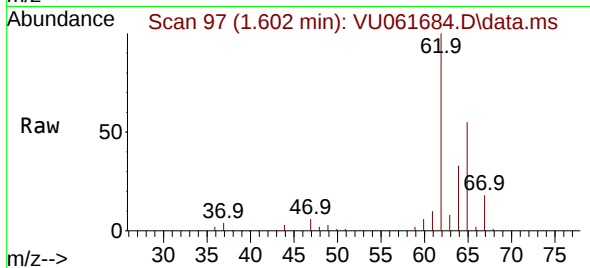
ClientSampleId :

Tgt Ion: 62 Resp: 66649

Ion Ratio Lower Upper

62 100

64 32.8 23.7 44.1



#6

Bromomethane

Concen: 4.497 ug/L

RT: 1.856 min Scan# 176

Delta R.T. 0.000 min

Lab File: VU061684.D

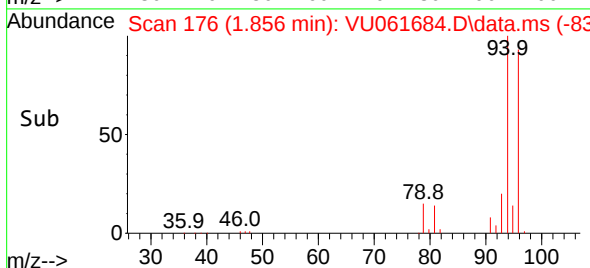
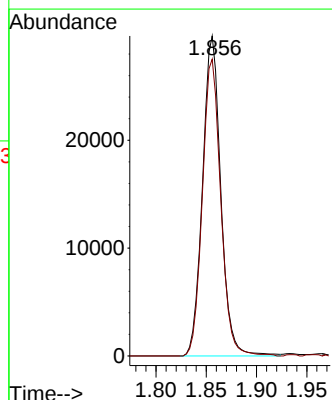
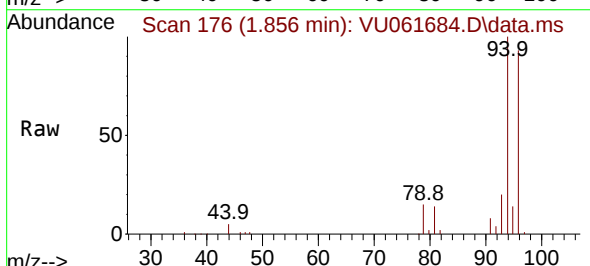
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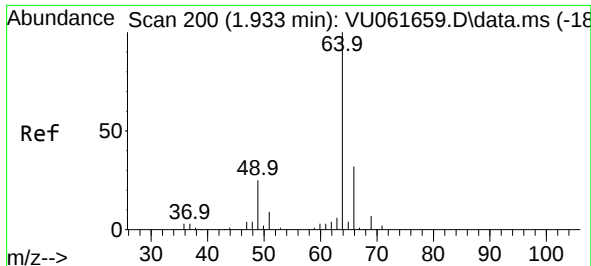
Tgt Ion: 94 Resp: 37551

Ion Ratio Lower Upper

94 100

96 92.7 65.7 121.9





#8

Chloroethane

Concen: 5.237 ug/L

RT: 1.930 min Scan# 199

Delta R.T. -0.003 min

Lab File: VU061684.D

Acq: 14 Nov 2024 20:13

Instrument :

MSVOA_U

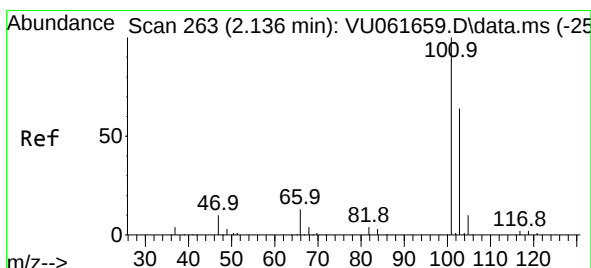
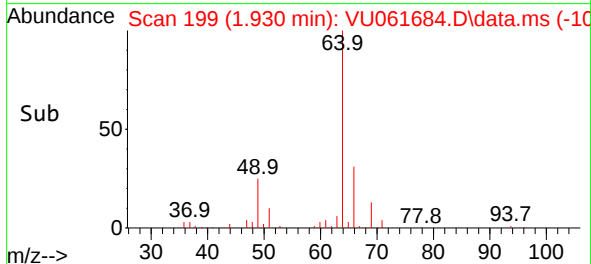
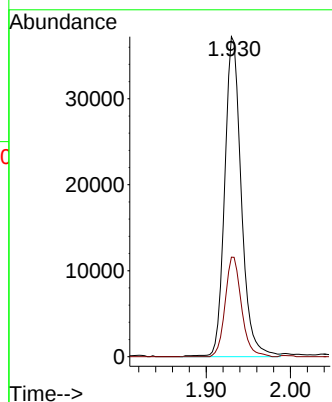
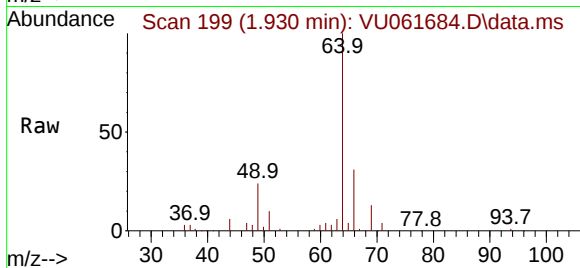
ClientSampleId :

Tgt Ion: 64 Resp: 50839

Ion Ratio Lower Upper

64 100

66 31.1 23.1 42.9



#9

Trichlorofluoromethane

Concen: 4.174 ug/L

RT: 2.132 min Scan# 262

Delta R.T. -0.003 min

Lab File: VU061684.D

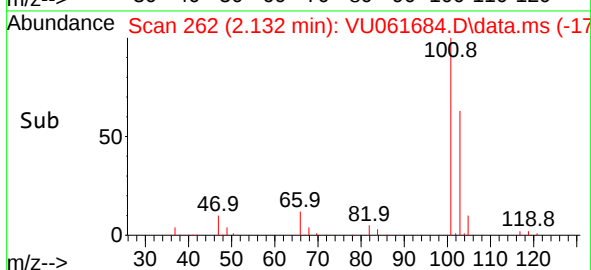
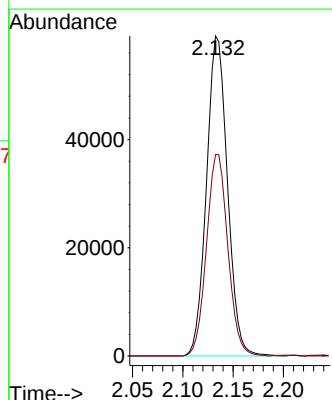
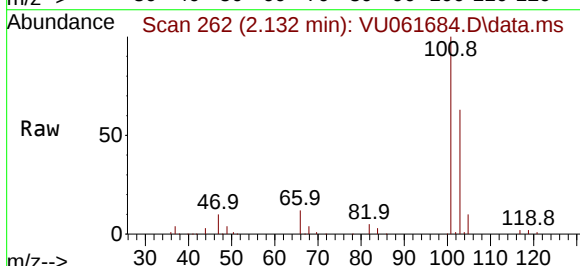
Acq: 14 Nov 2024 20:13

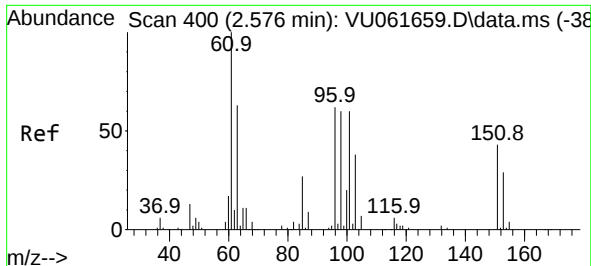
Tgt Ion:101 Resp: 85871

Ion Ratio Lower Upper

101 100

103 64.1 52.2 78.2

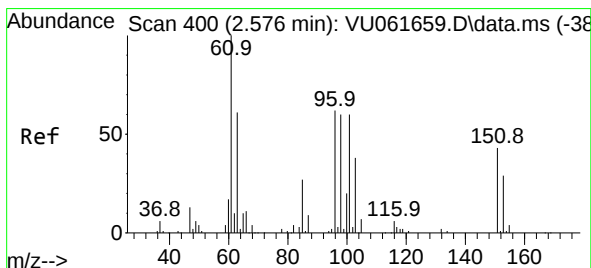
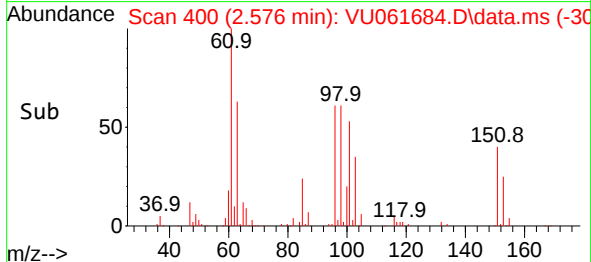
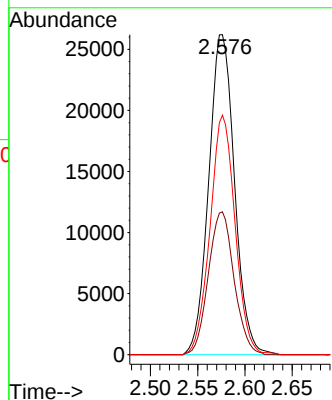
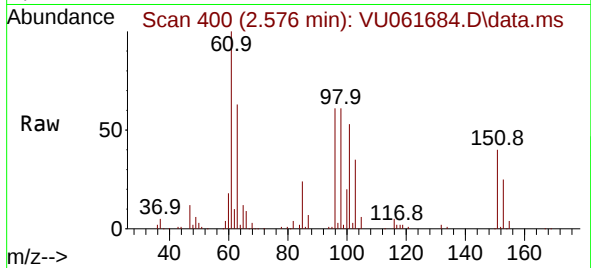




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.090 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU061684.D
 Acq: 14 Nov 2024 20:13

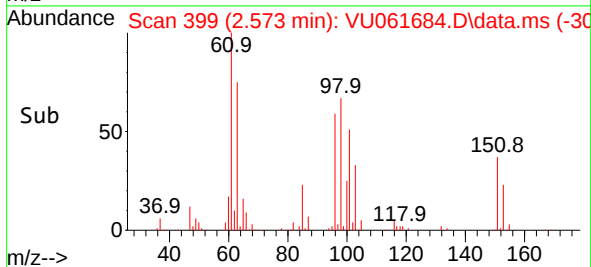
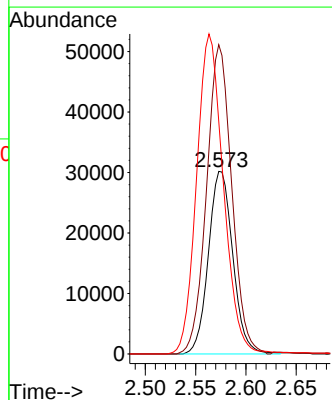
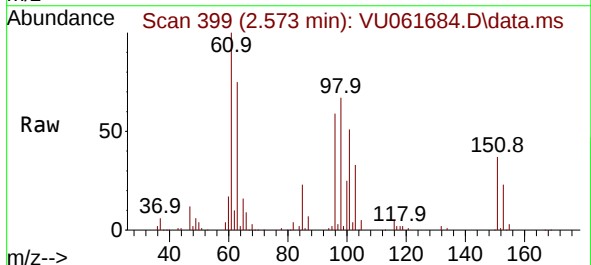
Instrument :
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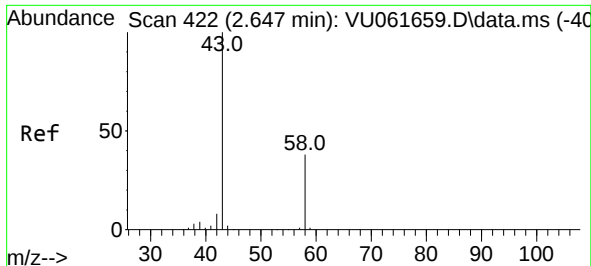
Tgt Ion:101 Resp: 49739
 Ion Ratio Lower Upper
 101 100
 85 44.4 35.1 52.7
 151 72.7 56.9 85.3



#12
 1,1-Dichloroethene
 Concen: 4.484 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.003 min
 Lab File: VU061684.D
 Acq: 14 Nov 2024 20:13

Tgt Ion: 96 Resp: 50916
 Ion Ratio Lower Upper
 96 100
 61 169.5 116.8 217.0
 63 127.4 86.1 159.9





#13

Acetone

Concen: 52.244 ug/L

RT: 2.644 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU061684.D

Acq: 14 Nov 2024 20:13

Instrument :

MSVOA_U

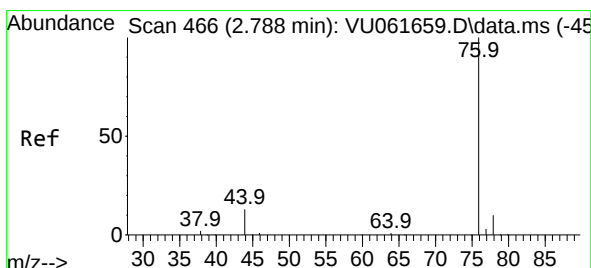
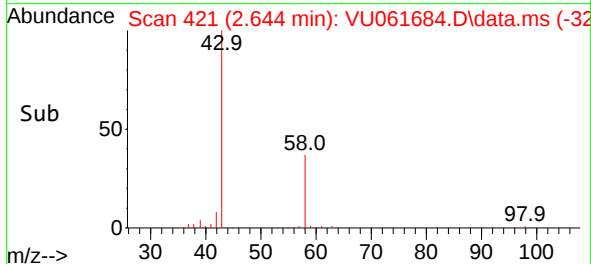
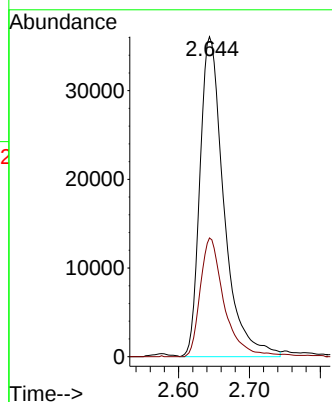
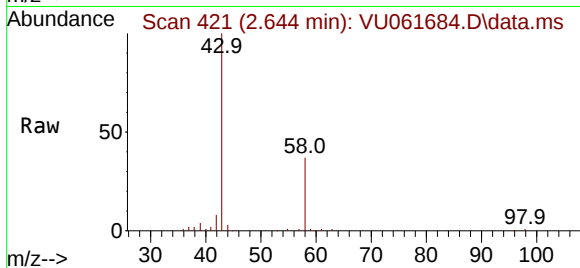
ClientSampleId :

Tgt Ion: 43 Resp: 84900

Ion Ratio Lower Upper

43 100

58 36.8 0.0 69.8



#14

Carbon disulfide

Concen: 4.067 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU061684.D

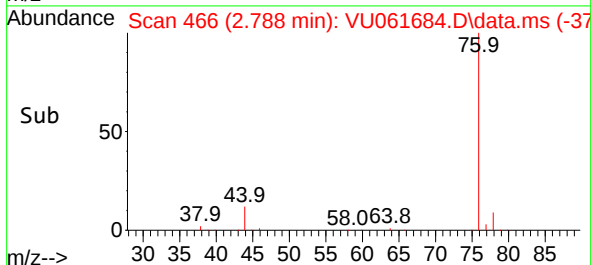
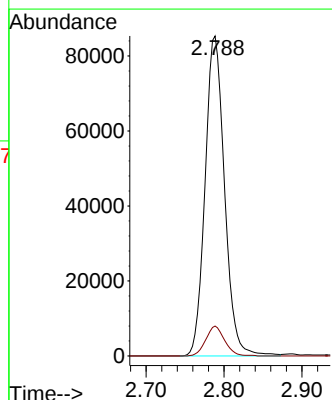
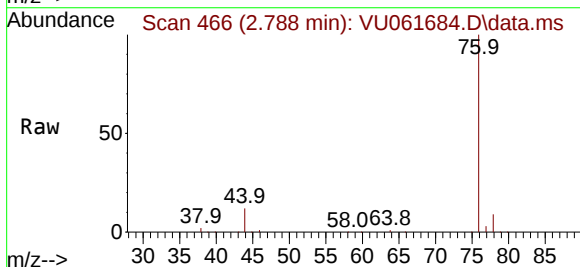
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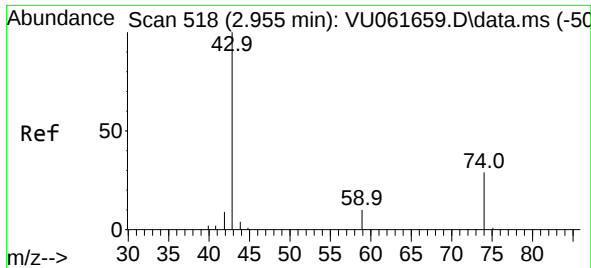
Tgt Ion: 76 Resp: 148301

Ion Ratio Lower Upper

76 100

78 9.4 7.3 10.9

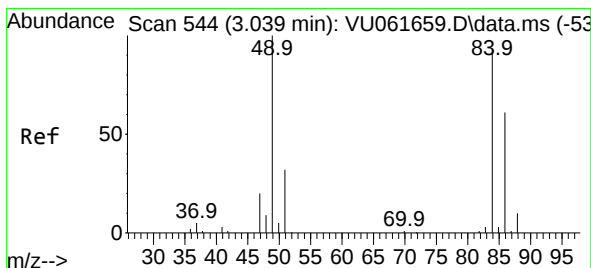
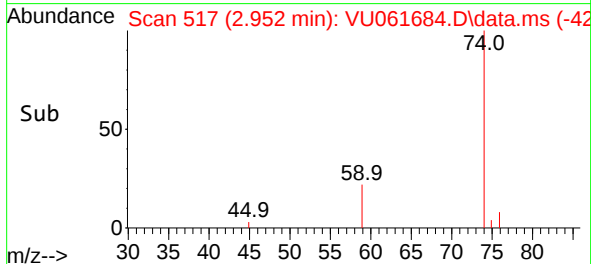
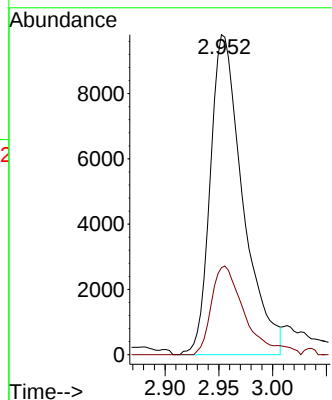
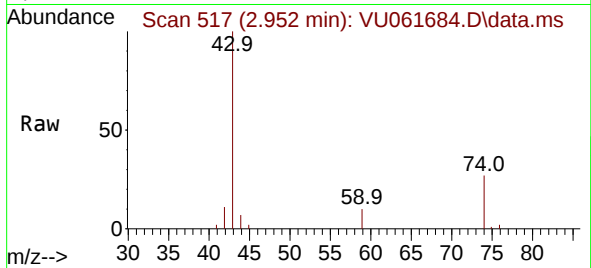




#15
Methyl Acetate
Concen: 5.093 ug/L
RT: 2.952 min Scan# 518
Delta R.T. -0.003 min
Lab File: VU061684.D
Acq: 14 Nov 2024 20:13

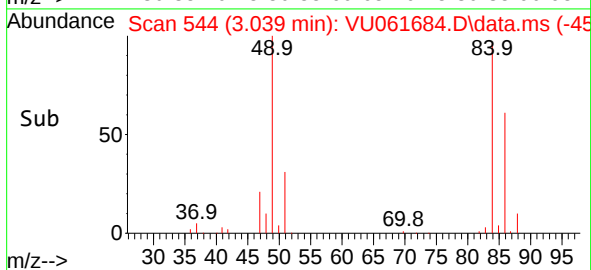
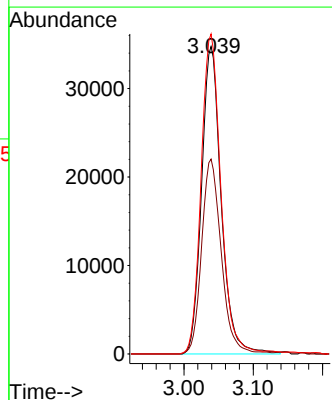
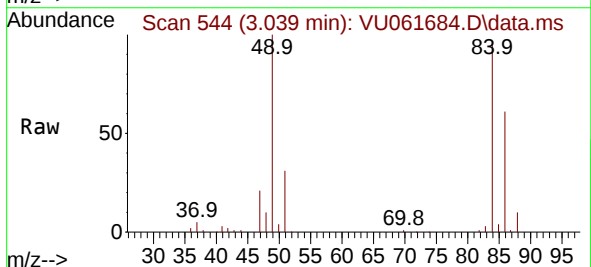
Instrument :
MSVOA_U
ClientSampleId :

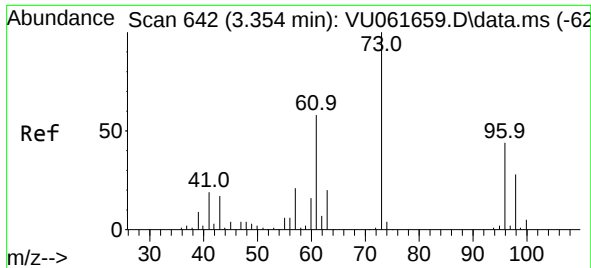
Tgt Ion: 43 Resp: 20677
Ion Ratio Lower Upper
43 100
74 28.2 22.5 33.7



#16
Methylene chloride
Concen: 5.226 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU061684.D
Acq: 14 Nov 2024 20:13

Tgt Ion: 84 Resp: 68377
Ion Ratio Lower Upper
84 100
86 63.4 45.1 83.7
49 104.1 76.3 141.7

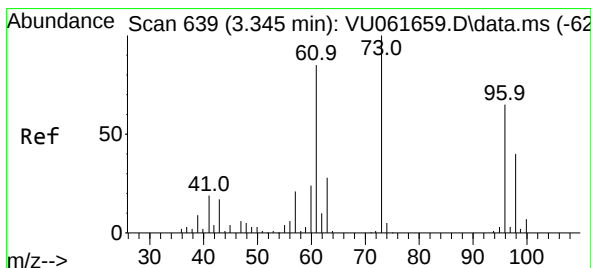
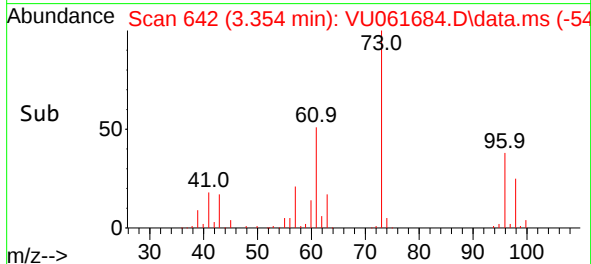
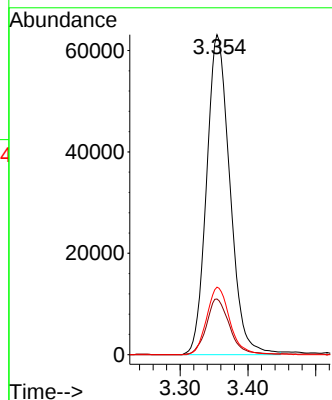
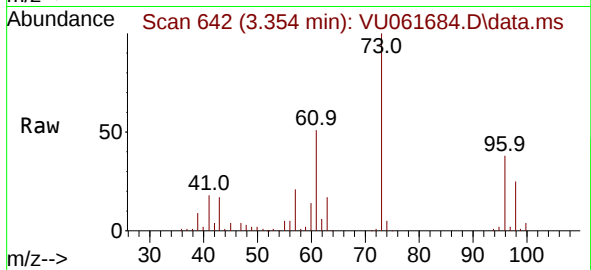




#17
Methyl tert-butyl Ether
Concen: 5.420 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU061684.D
Acq: 14 Nov 2024 20:13

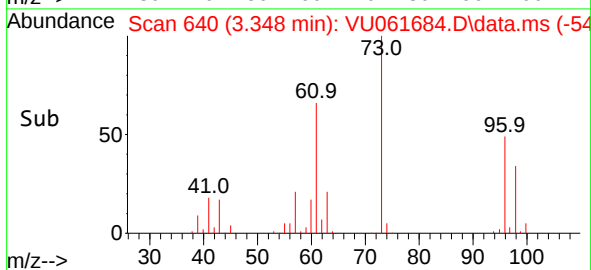
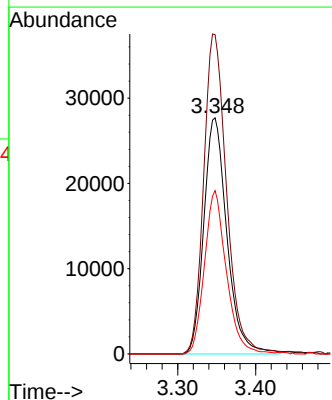
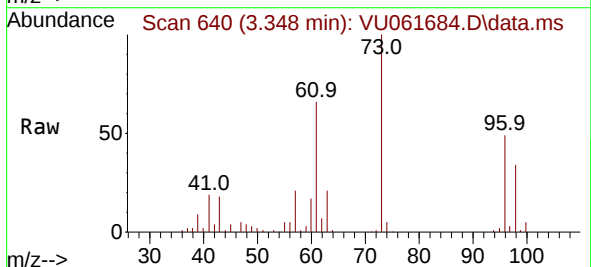
Instrument :
MSVOA_U
ClientSampleId :

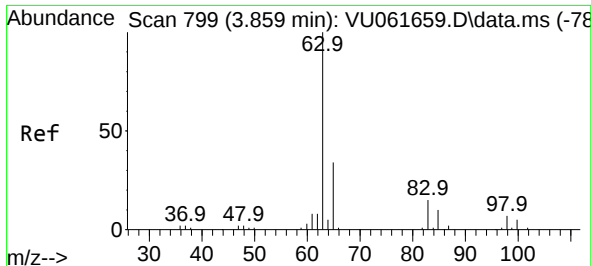
Tgt Ion: 73 Resp: 150844
Ion Ratio Lower Upper
73 100
43 17.4 14.2 21.4
57 20.9 16.9 25.3



#18
trans-1,2-Dichloroethene
Concen: 4.598 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU061684.D
Acq: 14 Nov 2024 20:13

Tgt Ion: 96 Resp: 57261
Ion Ratio Lower Upper
96 100
61 135.2 94.1 174.8
98 69.2 43.2 80.2

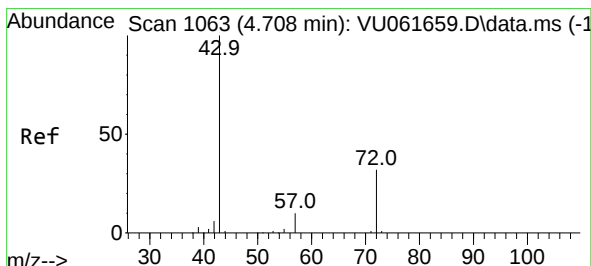
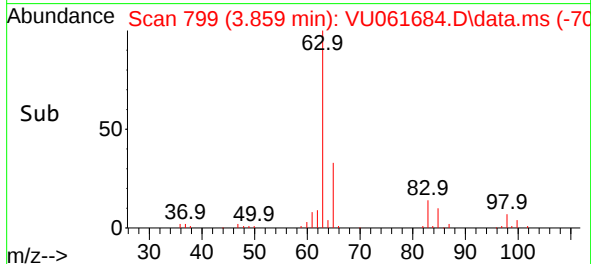
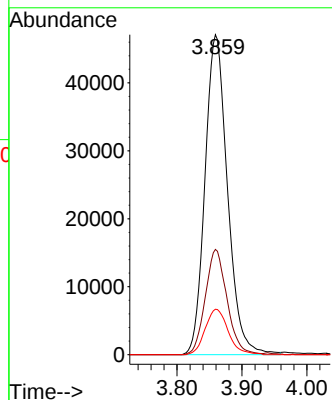
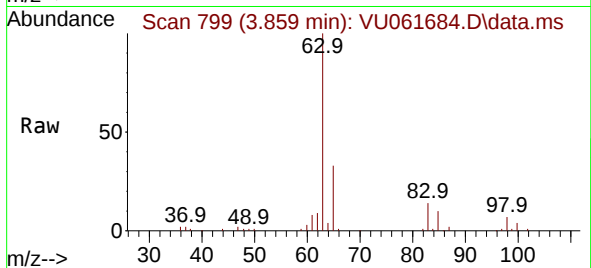




#19
1,1-Dichloroethane
Concen: 5.003 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU061684.D
Acq: 14 Nov 2024 20:13

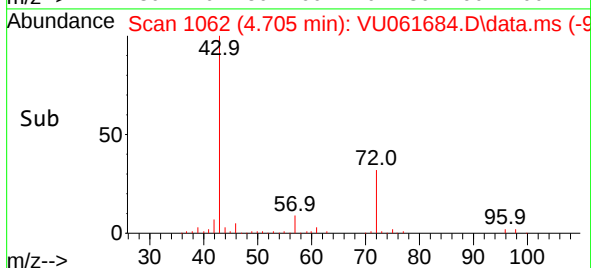
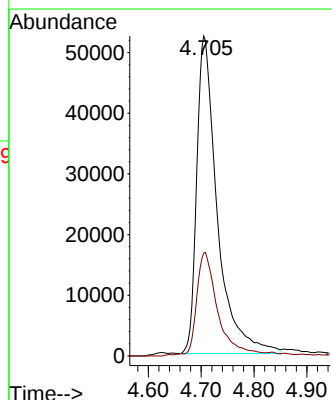
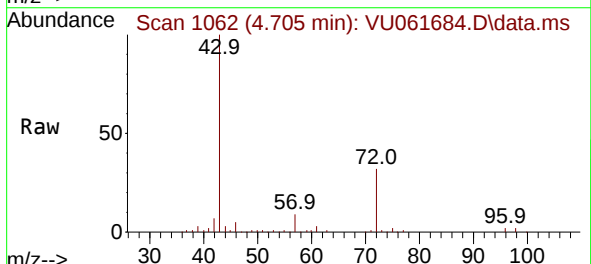
Instrument :
MSVOA_U
ClientSampleId :

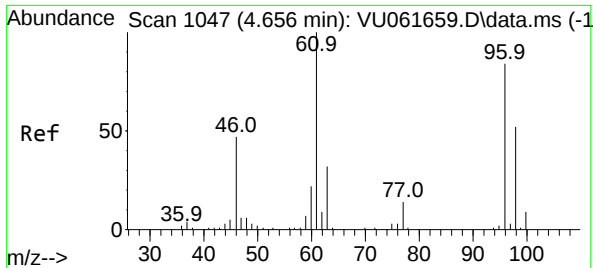
Tgt Ion: 63 Resp: 113588
Ion Ratio Lower Upper
63 100
65 32.9 23.4 43.4
83 14.2 9.6 17.8



#21
2-Butanone
Concen: 53.337 ug/L
RT: 4.705 min Scan# 1062
Delta R.T. -0.003 min
Lab File: VU061684.D
Acq: 14 Nov 2024 20:13

Tgt Ion: 43 Resp: 141559
Ion Ratio Lower Upper
43 100
72 32.0 15.8 47.3

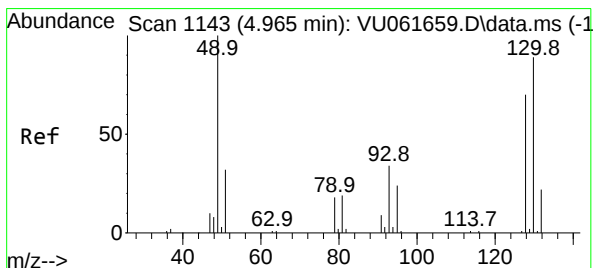
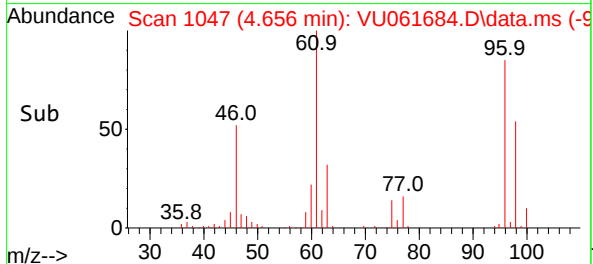
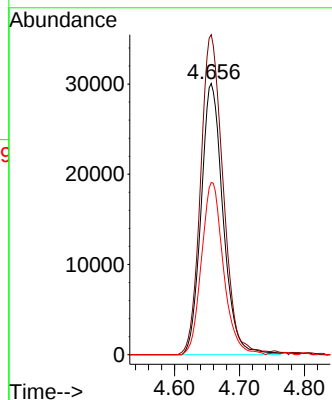
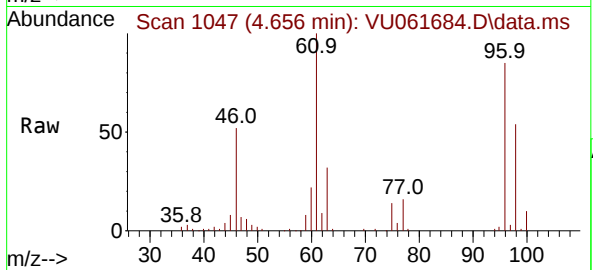




#22
 cis-1,2-Dichloroethene
 Concen: 5.046 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. 0.000 min
 Lab File: VU061684.D
 Acq: 14 Nov 2024 20:13

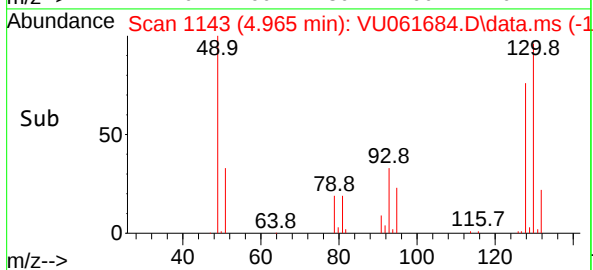
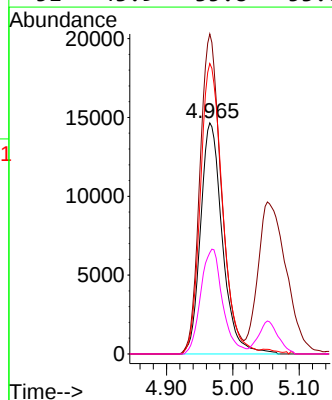
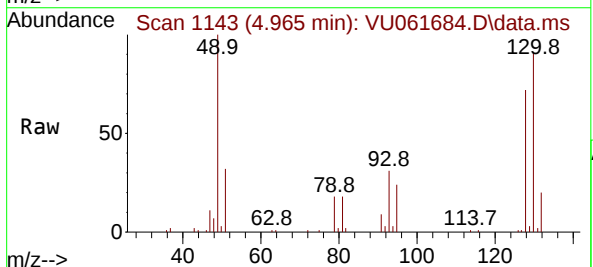
Instrument :
 MSVOA_U
 ClientSampleId :

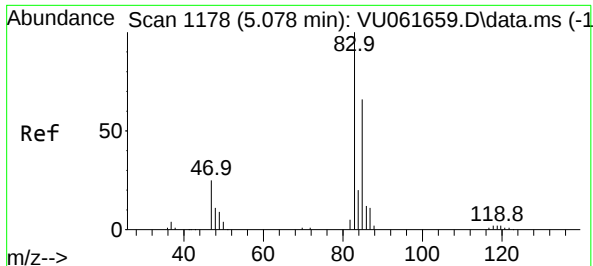
Tgt Ion: 96 Resp: 70872
 Ion Ratio Lower Upper
 96 100
 61 118.0 85.6 159.0
 98 63.5 45.6 84.8



#23
 Bromochloromethane
 Concen: 5.368 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. 0.000 min
 Lab File: VU061684.D
 Acq: 14 Nov 2024 20:13

Tgt Ion:128 Resp: 33488
 Ion Ratio Lower Upper
 128 100
 49 143.2 99.1 184.1
 130 125.7 88.6 164.6
 51 43.9 35.8 53.6





#25

Chloroform

Concen: 5.090 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU061684.D

Acq: 14 Nov 2024 20:13

Instrument :

MSVOA_U

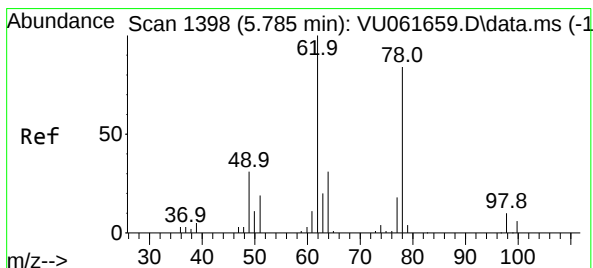
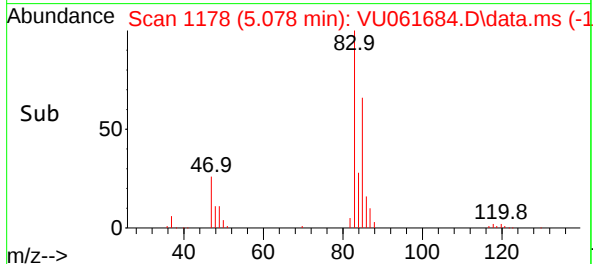
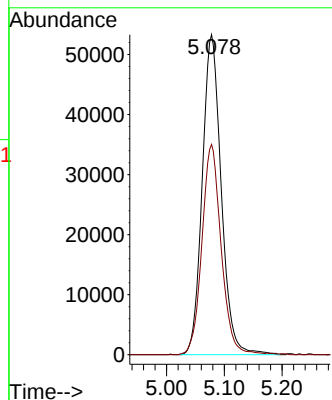
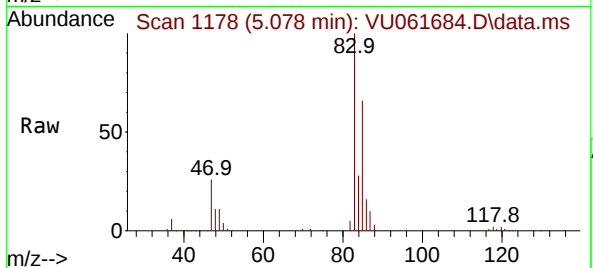
ClientSampleId :

Tgt Ion: 83 Resp: 121820

Ion Ratio Lower Upper

83 100

85 65.7 44.1 81.9



#27

1,2-Dichloroethane

Concen: 4.979 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VU061684.D

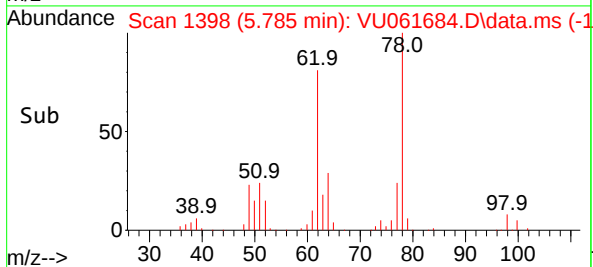
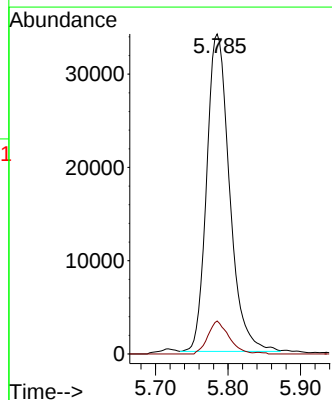
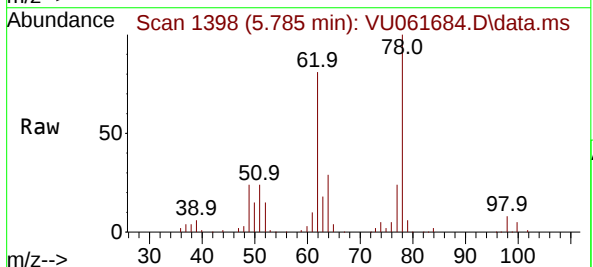
Acq: 14 Nov 2024 20:13

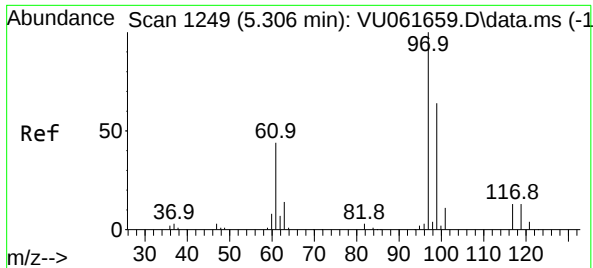
Tgt Ion: 62 Resp: 74774

Ion Ratio Lower Upper

62 100

98 10.3 7.7 11.5

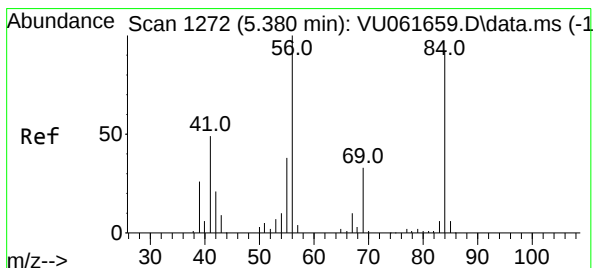
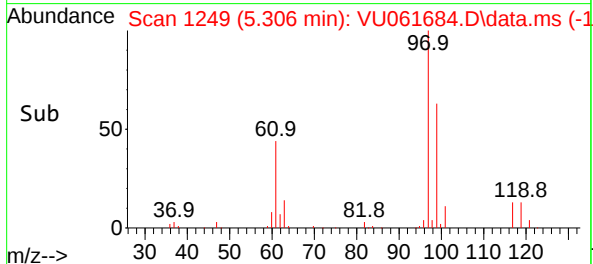
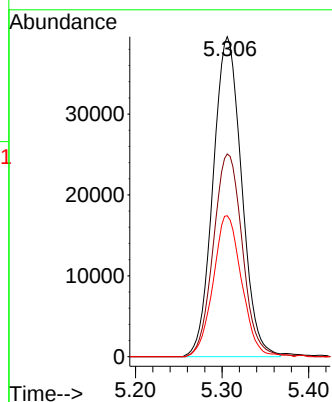
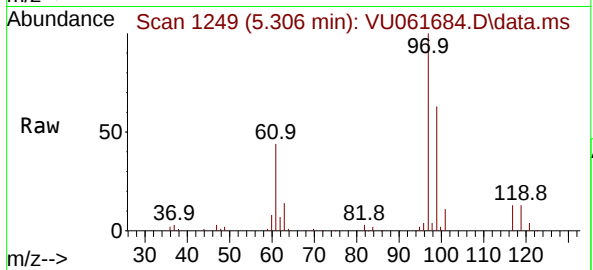




#29
1,1,1-Trichloroethane
Concen: 4.449 ug/L
RT: 5.306 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU061684.D
Acq: 14 Nov 2024 20:13

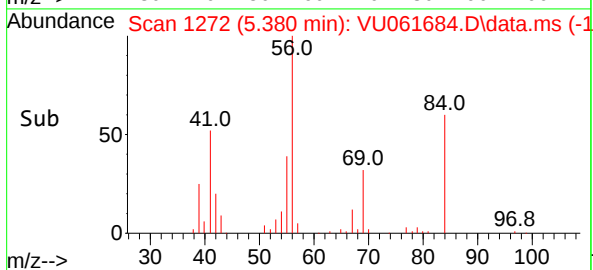
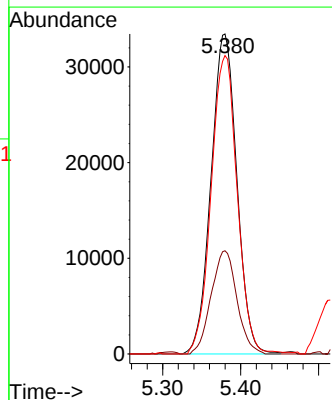
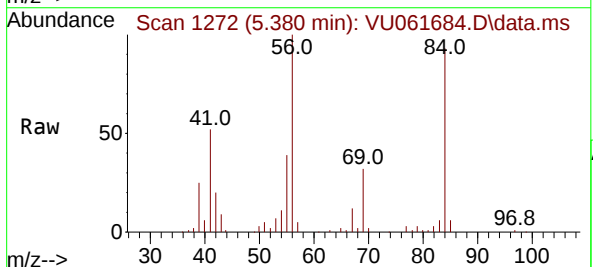
Instrument :
MSVOA_U
ClientSampleId :

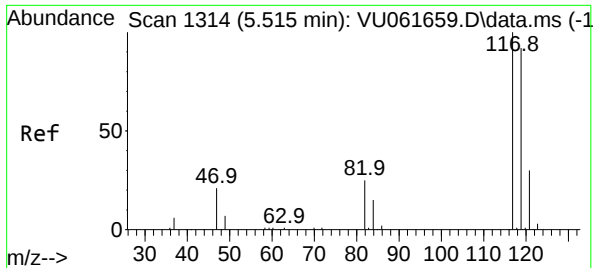
Tgt Ion:	97	Resp:	90503
Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.7	77.5
61	44.1	35.4	53.0



#30
Cyclohexane
Concen: 3.786 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU061684.D
Acq: 14 Nov 2024 20:13

Tgt Ion:	56	Resp:	76933
Ion	Ratio	Lower	Upper
56	100		
69	32.2	25.6	38.4
84	94.2	74.3	111.5

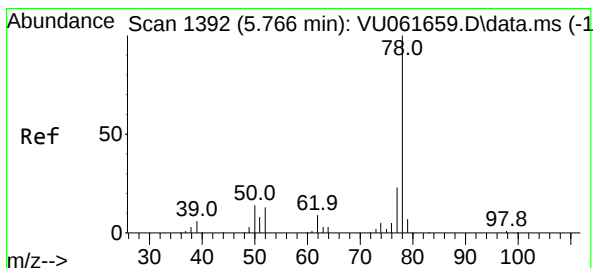
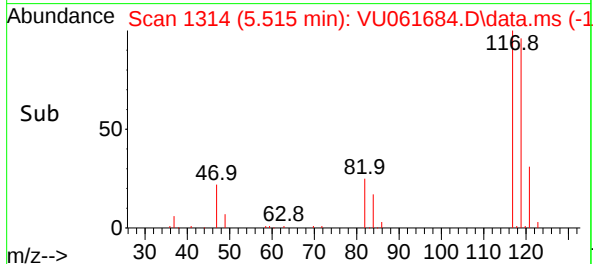
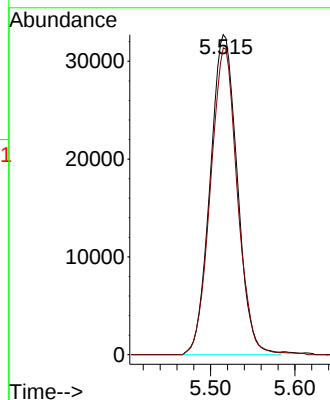
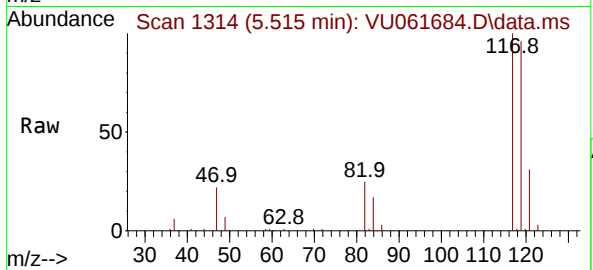




#31
Carbon tetrachloride
Concen: 4.213 ug/L
RT: 5.515 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VU061684.D
Acq: 14 Nov 2024 20:13

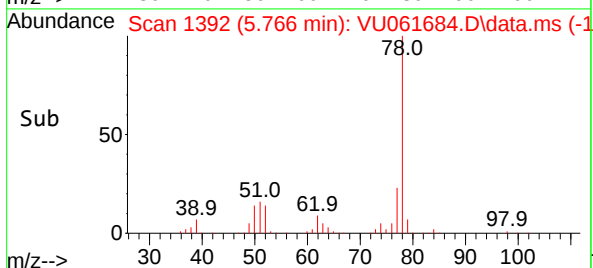
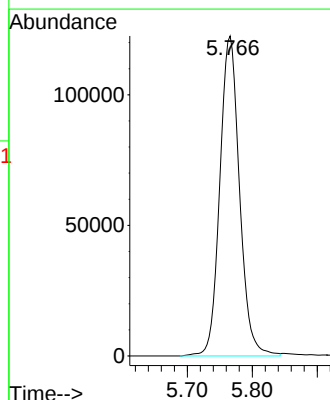
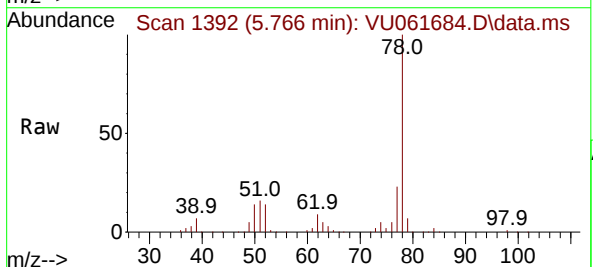
Instrument :
MSVOA_U
ClientSampleId :

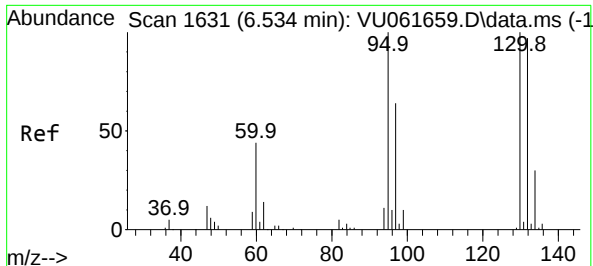
Tgt Ion:117 Resp: 73001
Ion Ratio Lower Upper
117 100
119 95.3 76.6 114.8



#33
Benzene
Concen: 4.757 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU061684.D
Acq: 14 Nov 2024 20:13

Tgt Ion: 78 Resp: 257392

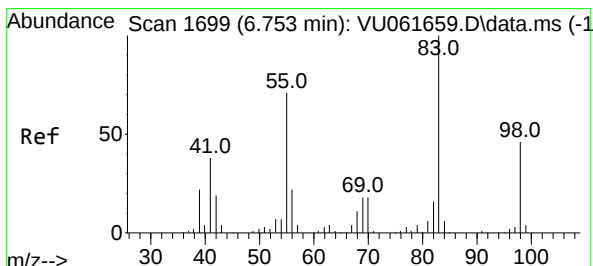
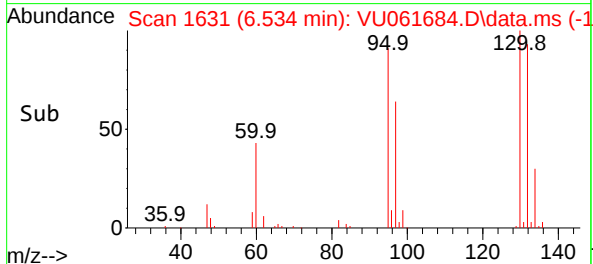
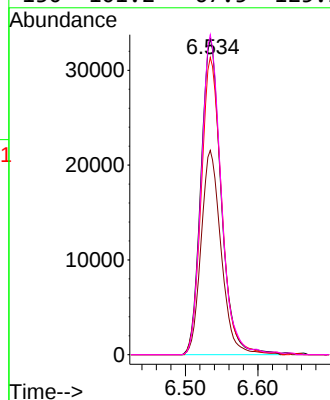
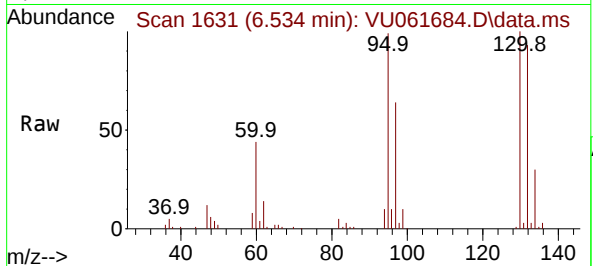




#34
Trichloroethene
Concen: 4.416 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VU061684.D
Acq: 14 Nov 2024 20:13

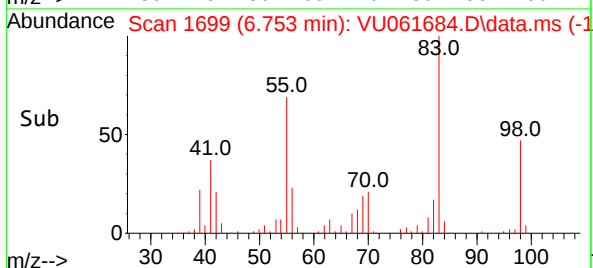
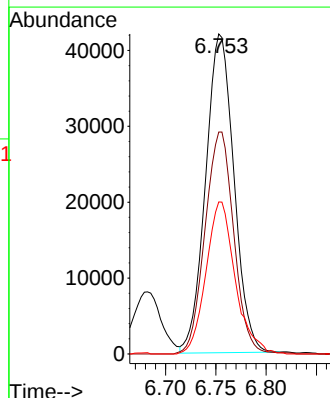
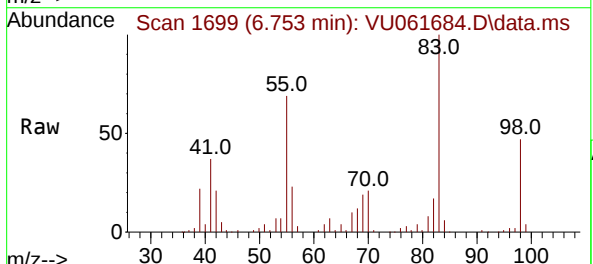
Instrument :
MSVOA_U
ClientSampleId :

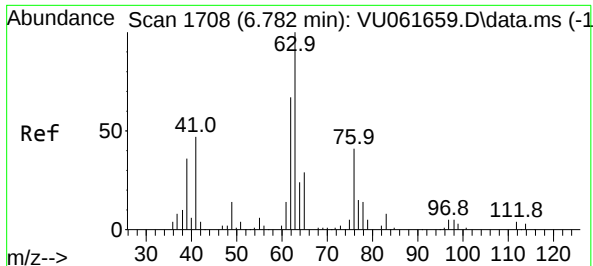
Tgt Ion: 95 Resp: 64521
Ion Ratio Lower Upper
95 100
97 64.6 43.5 80.9
132 94.0 65.2 121.0
130 101.2 67.5 125.3



#35
Methylcyclohexane
Concen: 3.748 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VU061684.D
Acq: 14 Nov 2024 20:13

Tgt Ion: 83 Resp: 82571
Ion Ratio Lower Upper
83 100
55 70.6 56.4 84.6
98 49.1 37.7 56.5

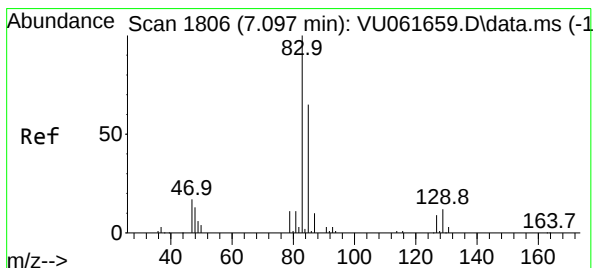
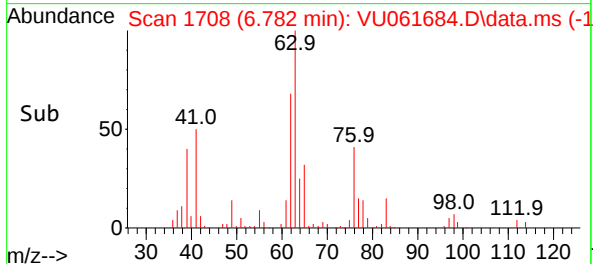
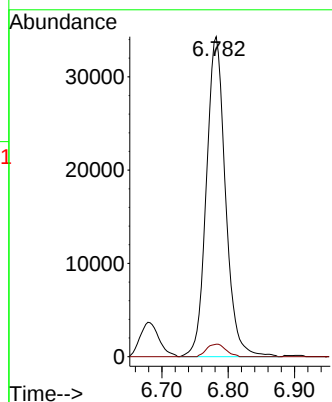
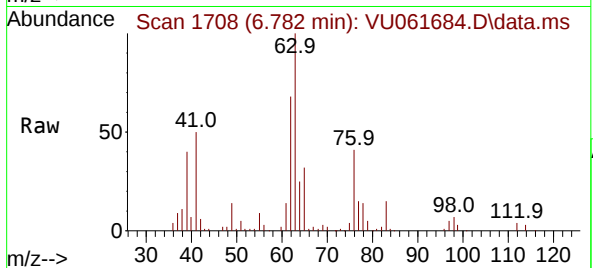




#37
1,2-Dichloropropane
Concen: 4.997 ug/L
RT: 6.782 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU061684.D
Acq: 14 Nov 2024 20:13

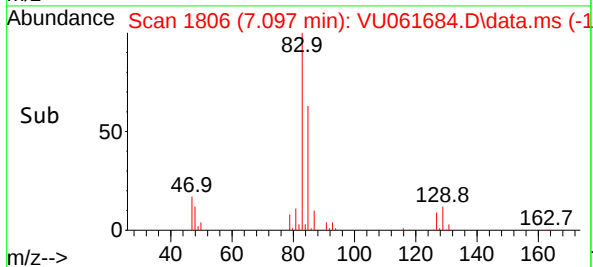
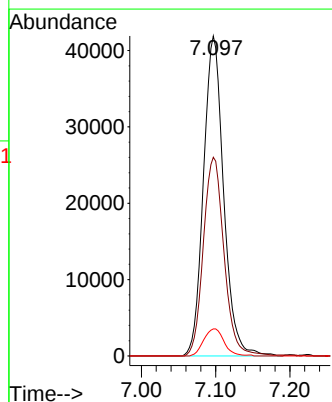
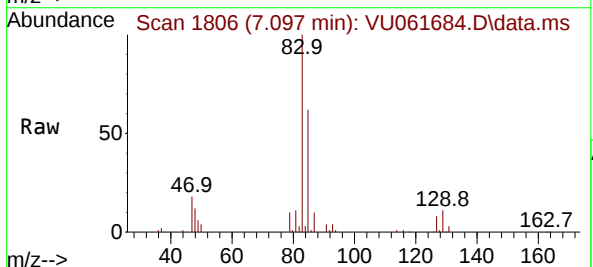
Instrument :
MSVOA_U
ClientSampleId :

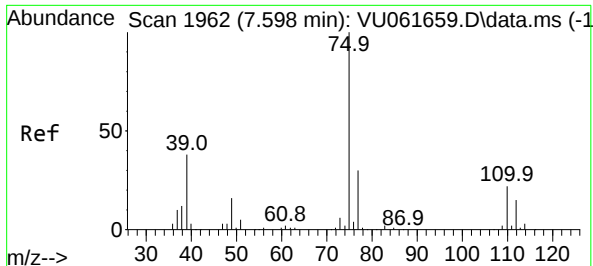
Tgt Ion: 63 Resp: 68591
Ion Ratio Lower Upper
63 100
112 4.0 3.0 4.4



#38
Bromodichloromethane
Concen: 4.797 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU061684.D
Acq: 14 Nov 2024 20:13

Tgt Ion: 83 Resp: 79003
Ion Ratio Lower Upper
83 100
85 62.1 45.0 83.6
127 8.4 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 4.847 ug/L

RT: 7.598 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VU061684.D

Acq: 14 Nov 2024 20:13

Instrument :

MSVOA_U

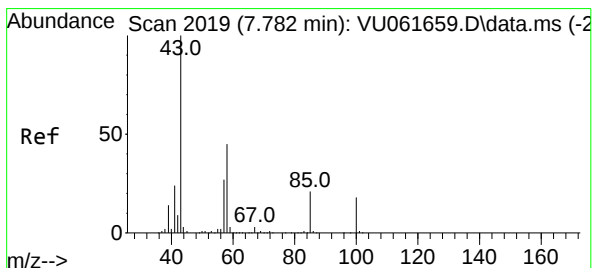
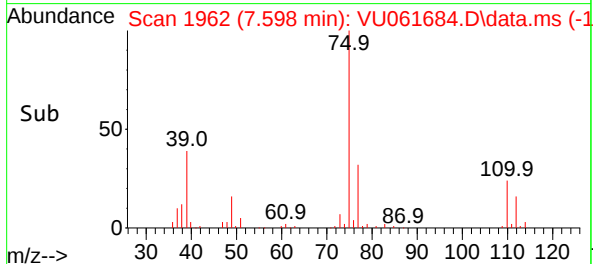
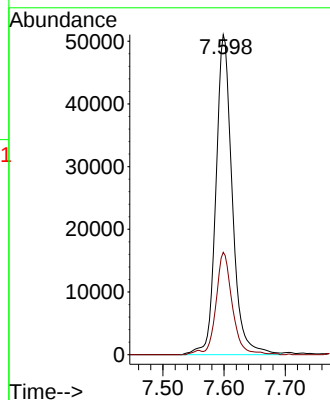
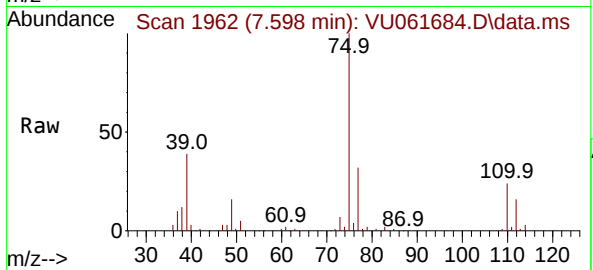
ClientSampleId :

Tgt Ion: 75 Resp: 94681

Ion Ratio Lower Upper

75 100

77 32.0 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 55.449 ug/L

RT: 7.782 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VU061684.D

Acq: 14 Nov 2024 20:13

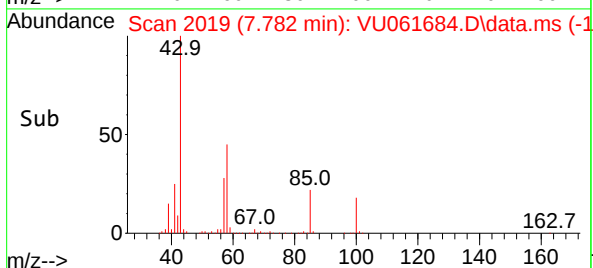
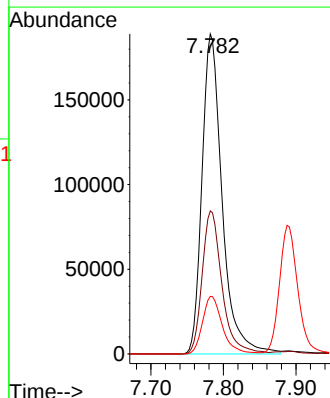
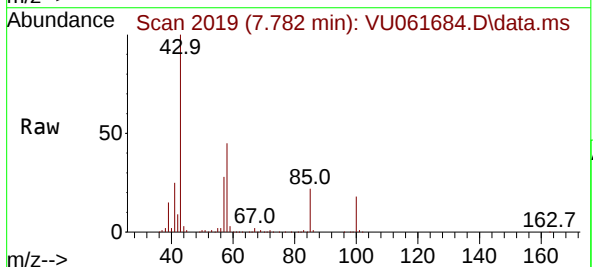
Tgt Ion: 43 Resp: 364935

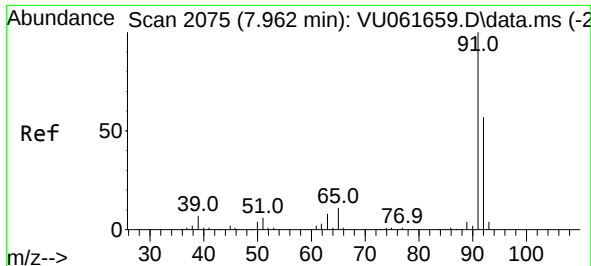
Ion Ratio Lower Upper

43 100

58 44.0 35.7 53.5

100 17.8 14.2 21.2





#42

Toluene

Concen: 4.637 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU061684.D

Acq: 14 Nov 2024 20:13

Instrument :

MSVOA_U

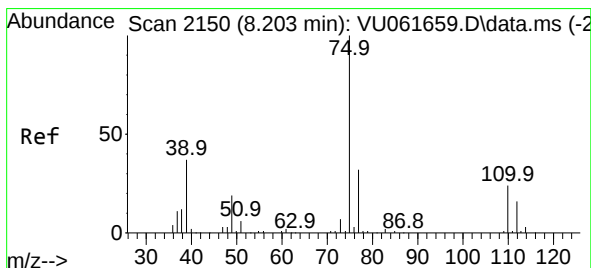
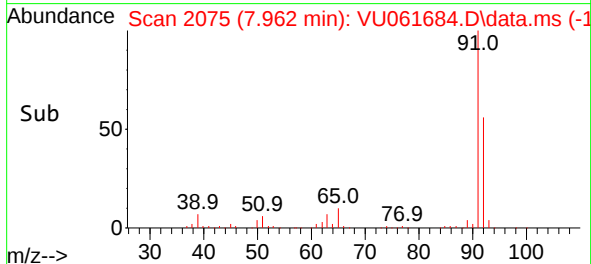
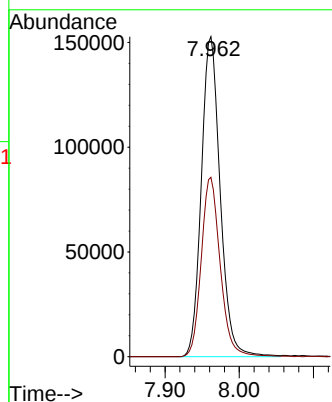
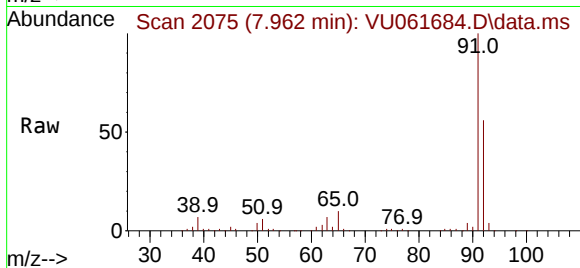
ClientSampleId :

Tgt Ion: 91 Resp: 270135

Ion Ratio Lower Upper

91 100

92 56.0 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 4.950 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU061684.D

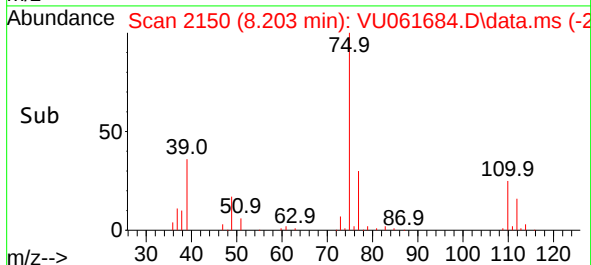
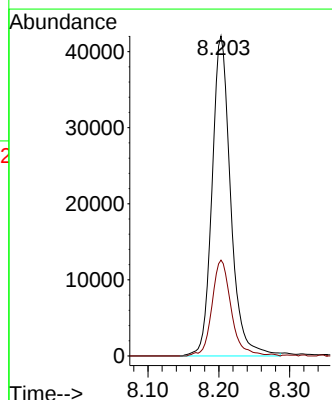
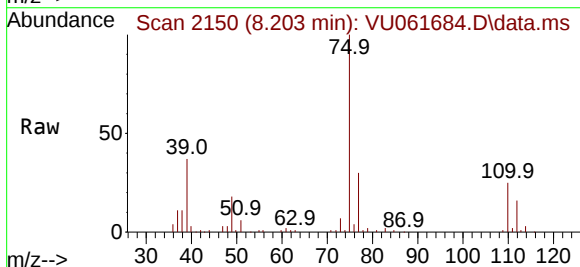
Acq: 14 Nov 2024 20:13

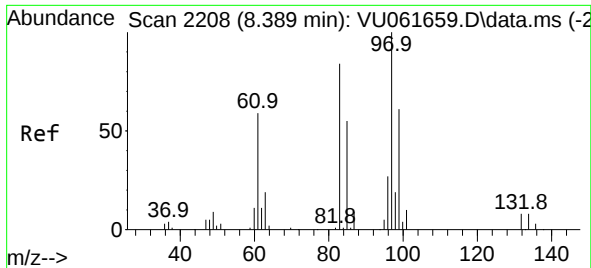
Tgt Ion: 75 Resp: 76704

Ion Ratio Lower Upper

75 100

77 29.9 21.7 40.3

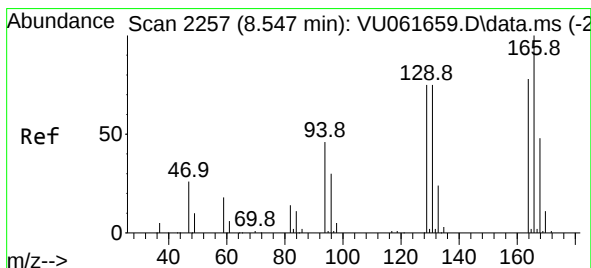
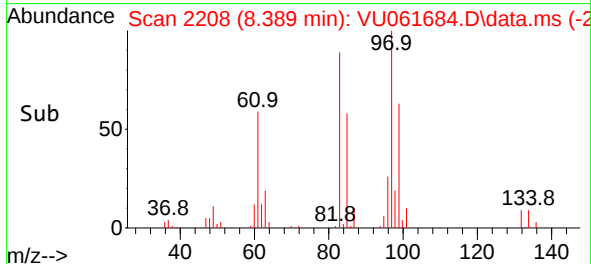
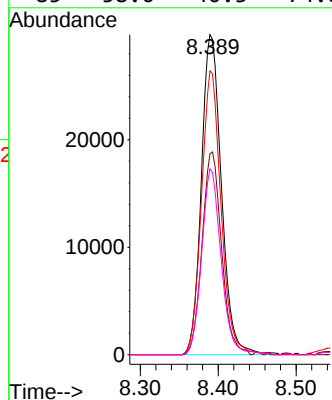
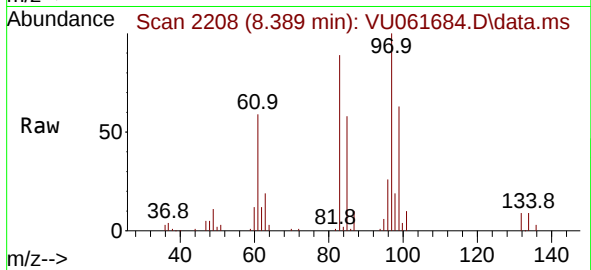




#45
1,1,2-Trichloroethane
Concen: 5.320 ug/L
RT: 8.389 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU061684.D
Acq: 14 Nov 2024 20:13

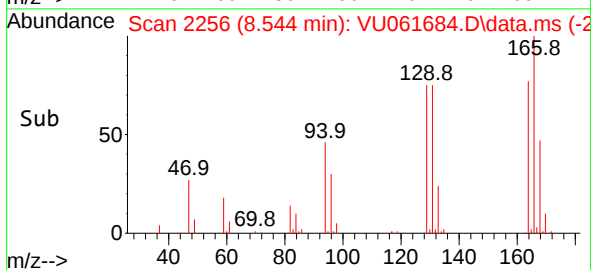
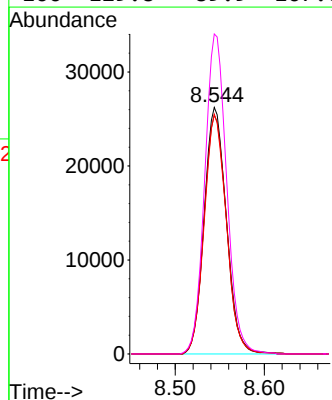
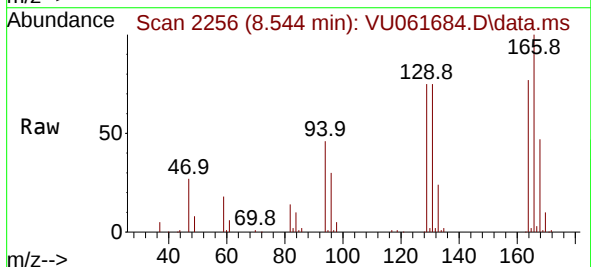
Instrument :
MSVOA_U
ClientSampleId :

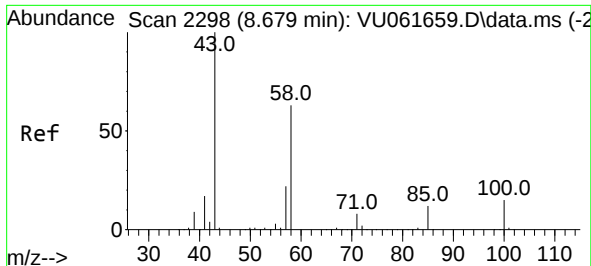
Tgt Ion:	97	Resp:	53240
Ion	Ratio	Lower	Upper
97	100		
99	62.8	43.8	81.3
83	88.7	63.2	117.4
85	58.0	40.3	74.8



#47
Tetrachloroethene
Concen: 4.155 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.003 min
Lab File: VU061684.D
Acq: 14 Nov 2024 20:13

Tgt Ion:	164	Resp:	45612
Ion	Ratio	Lower	Upper
164	100		
129	96.9	71.7	133.3
131	97.2	68.2	126.6
166	129.8	89.9	167.0

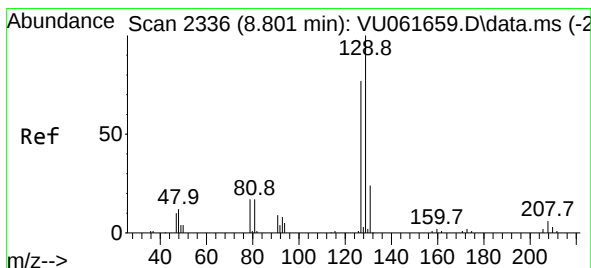
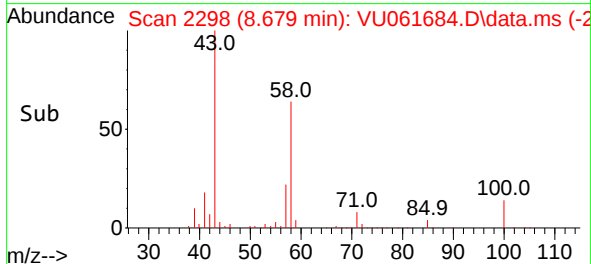
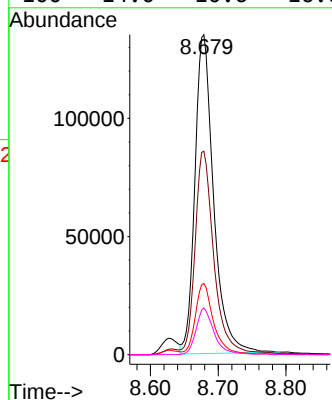
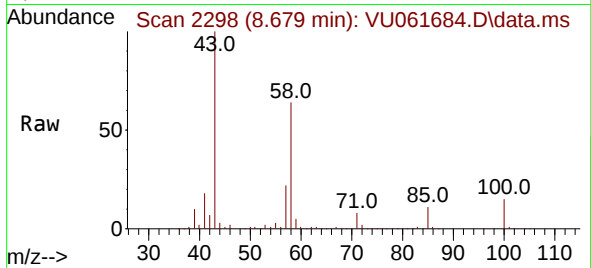




#48
2-Hexanone
Concen: 55.251 ug/L
RT: 8.679 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU061684.D
Acq: 14 Nov 2024 20:13

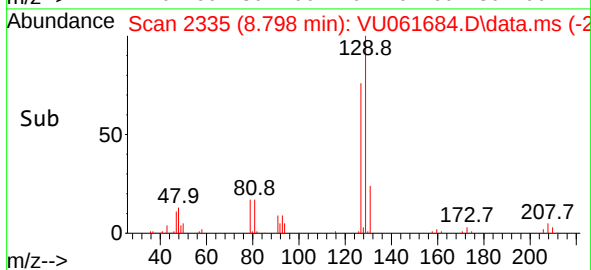
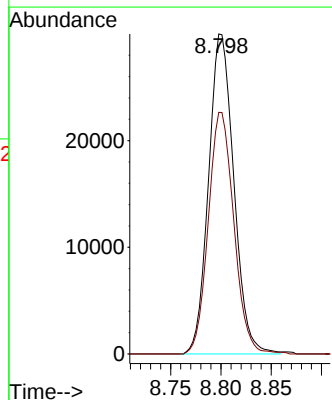
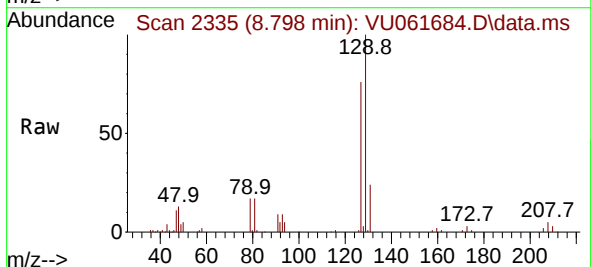
Instrument :
MSVOA_U
ClientSampleId :

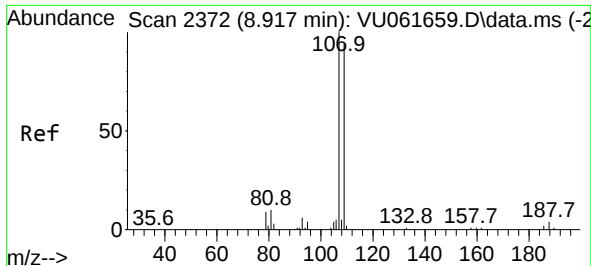
Tgt Ion: 43 Resp: 260003
Ion Ratio Lower Upper
43 100
58 63.1 49.4 74.2
57 21.3 16.3 24.5
100 14.0 10.6 16.0



#49
Dibromochloromethane
Concen: 4.997 ug/L
RT: 8.798 min Scan# 2335
Delta R.T. -0.003 min
Lab File: VU061684.D
Acq: 14 Nov 2024 20:13

Tgt Ion: 129 Resp: 52429
Ion Ratio Lower Upper
129 100
127 75.5 55.1 102.3





#50

1,2-Dibromoethane

Concen: 5.227 ug/L

RT: 8.914 min Scan# 21

Delta R.T. -0.003 min

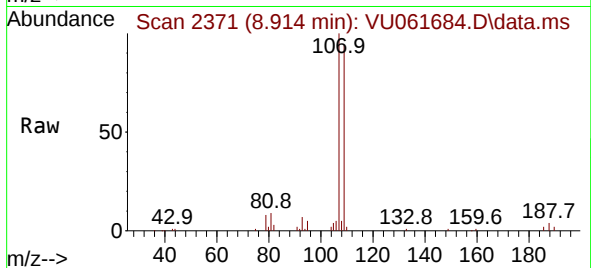
Lab File: VU061684.D

Acq: 14 Nov 2024 20:13

Instrument :

MSVOA_U

ClientSampleId :



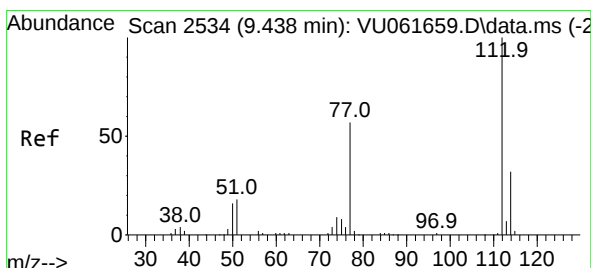
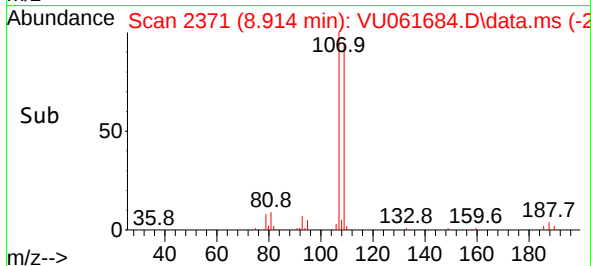
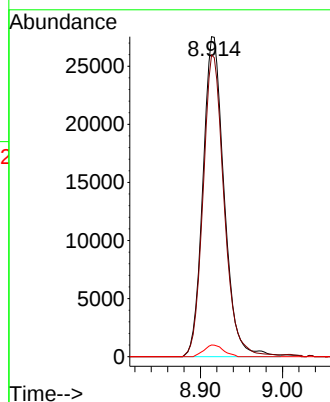
Tgt Ion:107 Resp: 49339

Ion Ratio Lower Upper

107 100

109 94.2 64.8 120.4

188 3.6 2.5 3.7



#51

Chlorobenzene

Concen: 4.569 ug/L

RT: 9.438 min Scan# 2534

Delta R.T. 0.000 min

Lab File: VU061684.D

Acq: 14 Nov 2024 20:13

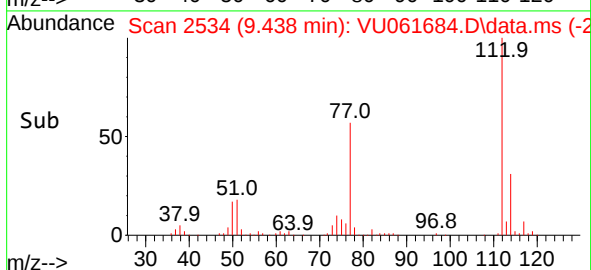
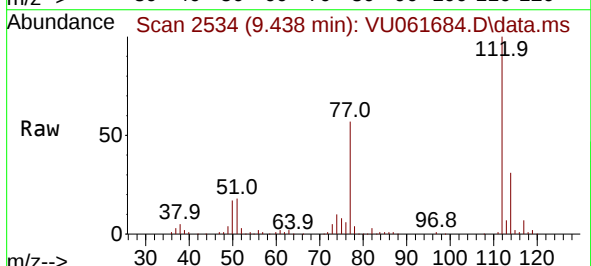
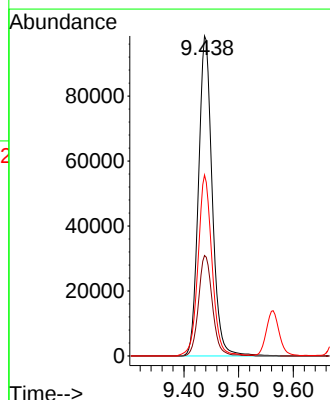
Tgt Ion:112 Resp: 171323

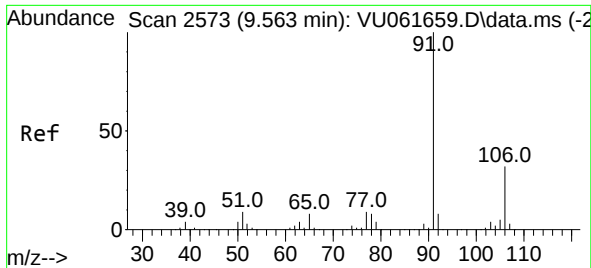
Ion Ratio Lower Upper

112 100

114 31.4 22.5 41.9

77 56.5 45.3 67.9

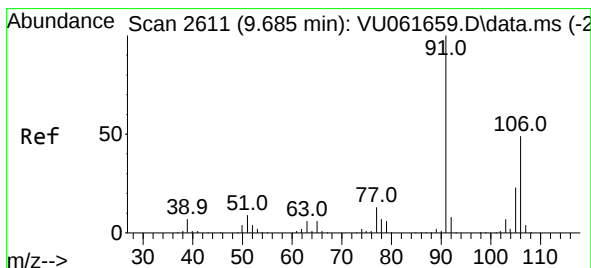
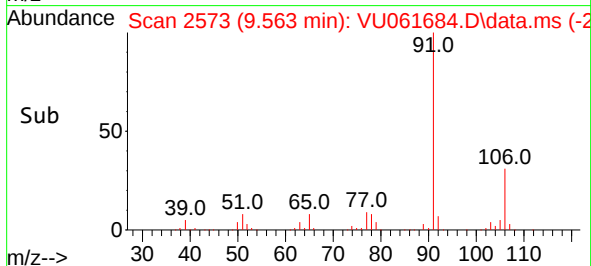
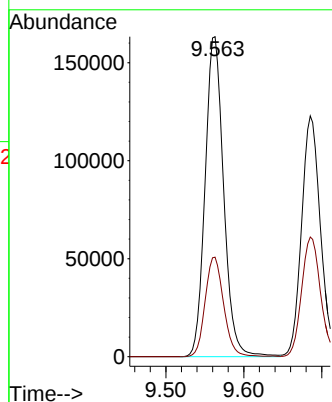
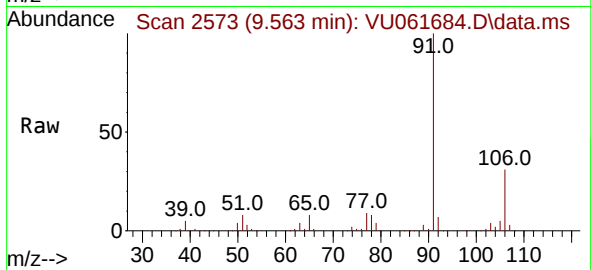




#52
Ethylbenzene
Concen: 4.362 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU061684.D
Acq: 14 Nov 2024 20:13

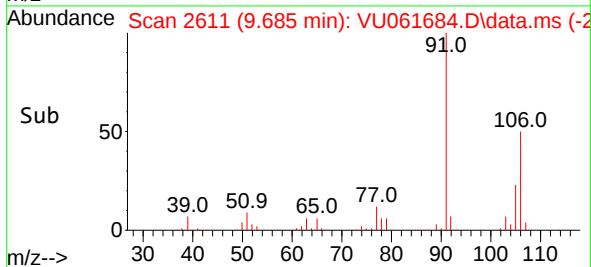
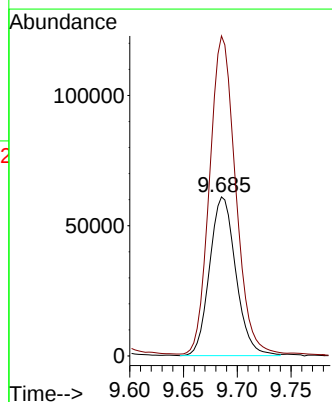
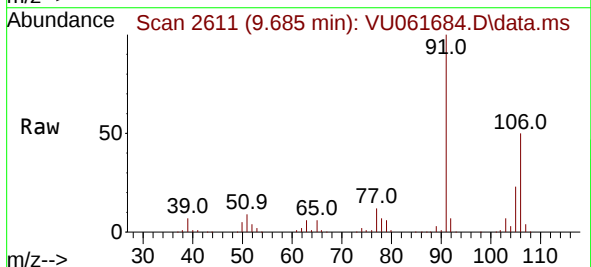
Instrument :
MSVOA_U
ClientSampleId :

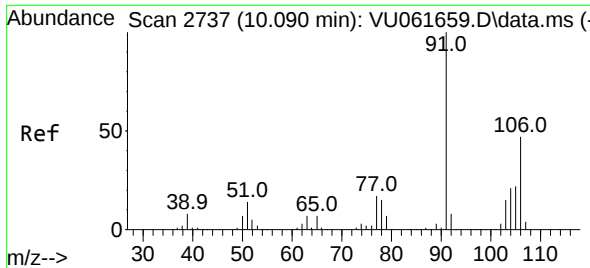
Tgt Ion: 91 Resp: 270661
Ion Ratio Lower Upper
91 100
106 31.1 21.7 40.3



#53
m,p-Xylene
Concen: 4.344 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. 0.000 min
Lab File: VU061684.D
Acq: 14 Nov 2024 20:13

Tgt Ion: 106 Resp: 103149
Ion Ratio Lower Upper
106 100
91 201.2 140.4 260.8

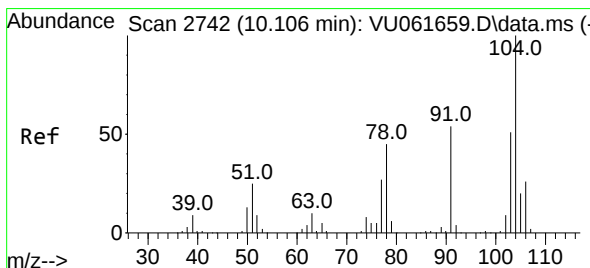
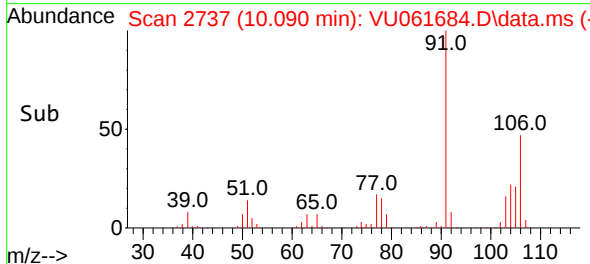
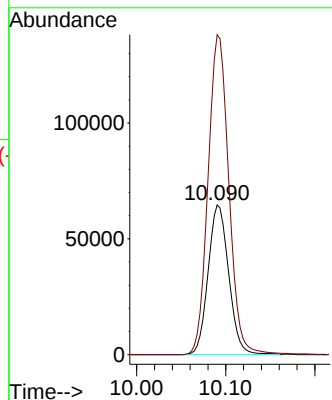
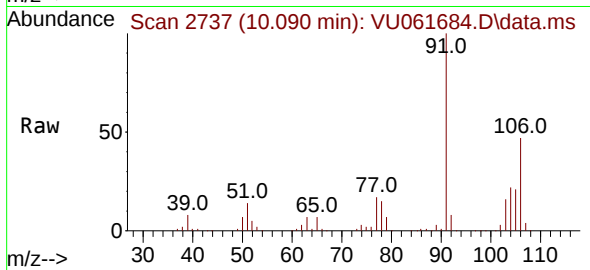




#54
o-Xylene
Concen: 4.501 ug/L
RT: 10.090 min Scan# 2737
Delta R.T. 0.000 min
Lab File: VU061684.D
Acq: 14 Nov 2024 20:13

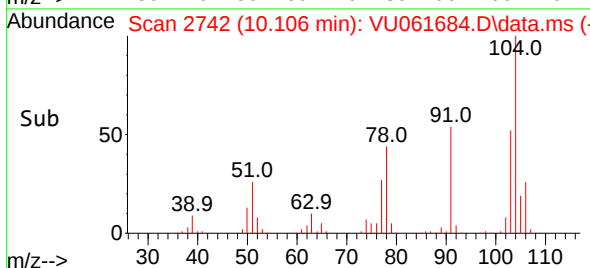
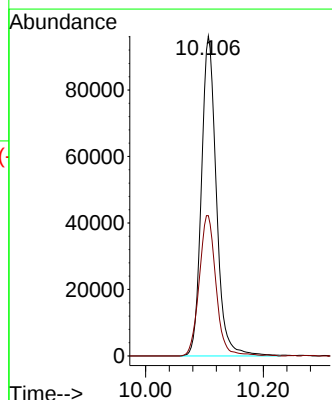
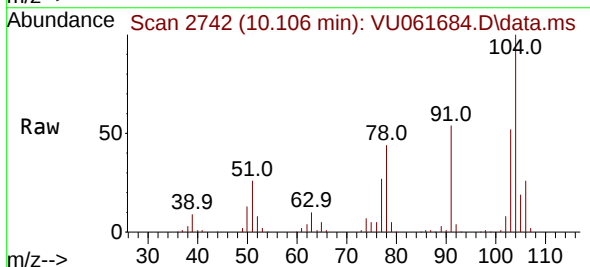
Instrument :
MSVOA_U
ClientSampleId :

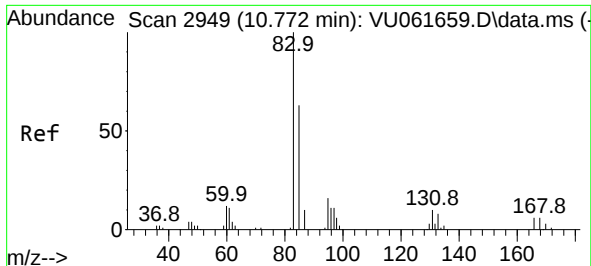
Tgt Ion:106 Resp: 103875
Ion Ratio Lower Upper
106 100
91 213.7 151.3 280.9



#55
Styrene
Concen: 4.630 ug/L
RT: 10.106 min Scan# 2742
Delta R.T. 0.000 min
Lab File: VU061684.D
Acq: 14 Nov 2024 20:13

Tgt Ion:104 Resp: 170120
Ion Ratio Lower Upper
104 100
78 43.9 31.6 58.6





#57

1,1,2,2-Tetrachloroethane

Concen: 5.277 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. 0.000 min

Lab File: VU061684.D

Acq: 14 Nov 2024 20:13

Instrument :

MSVOA_U

ClientSampleId :

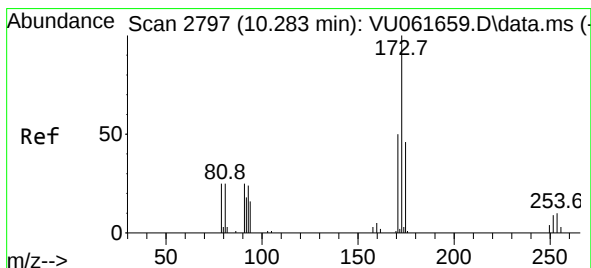
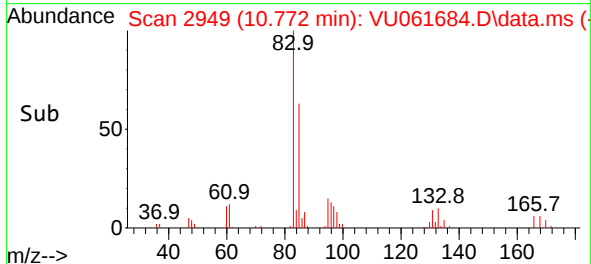
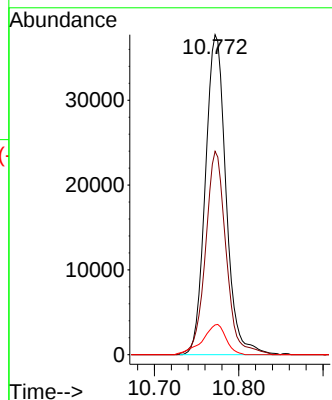
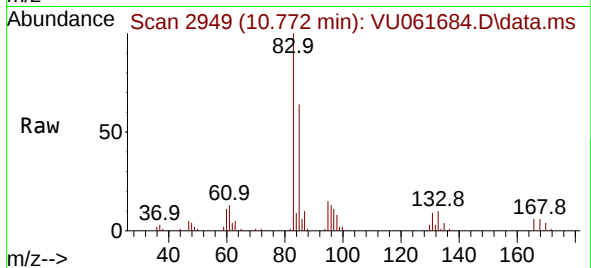
Tgt Ion: 83 Resp: 64257

Ion Ratio Lower Upper

83 100

85 63.5 41.9 77.9

131 9.3 7.8 11.6



#59

Bromoform

Concen: 4.835 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VU061684.D

Acq: 14 Nov 2024 20:13

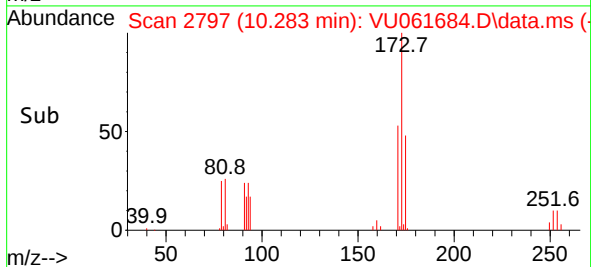
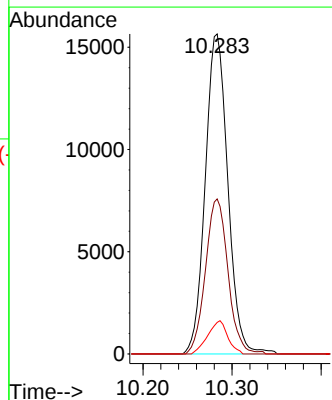
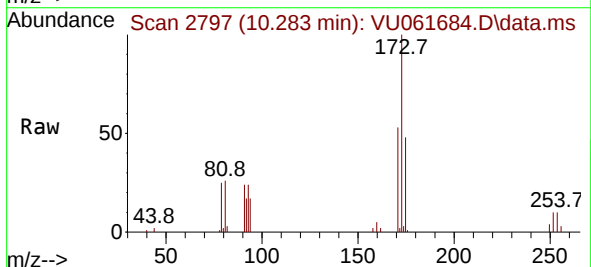
Tgt Ion:173 Resp: 27522

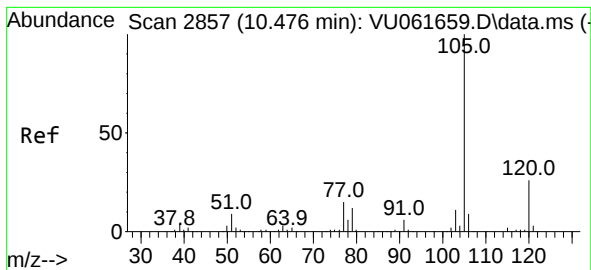
Ion Ratio Lower Upper

173 100

175 48.3 39.3 58.9

254 9.2 7.8 11.8





#60

Isopropylbenzene

Concen: 4.277 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU061684.D

Acq: 14 Nov 2024 20:13

Instrument :

MSVOA_U

ClientSampleId :

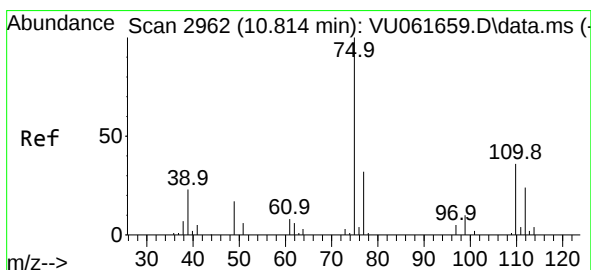
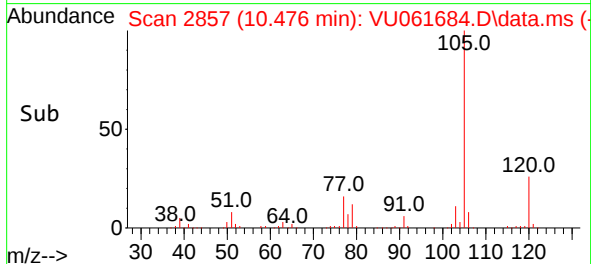
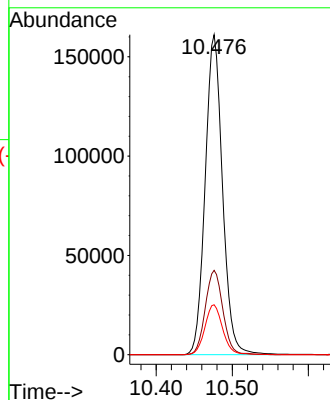
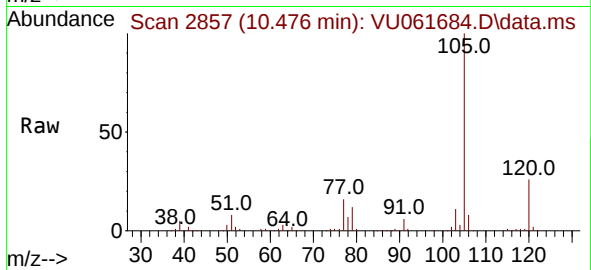
Tgt Ion:105 Resp: 255071

Ion Ratio Lower Upper

105 100

120 26.8 21.6 32.4

77 16.0 12.8 19.2



#61

1,2,3-Trichloropropane

Concen: 5.465 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. 0.000 min

Lab File: VU061684.D

Acq: 14 Nov 2024 20:13

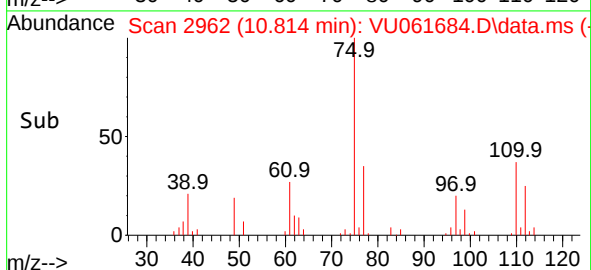
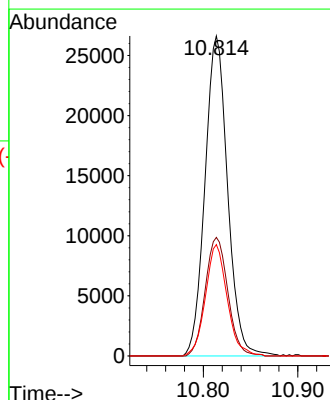
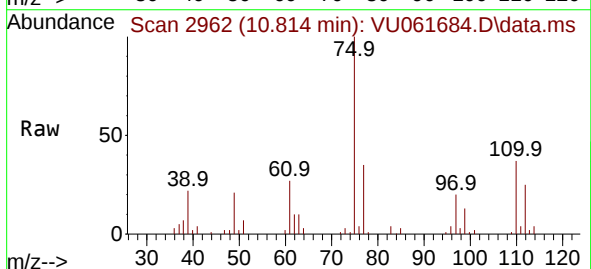
Tgt Ion: 75 Resp: 44274

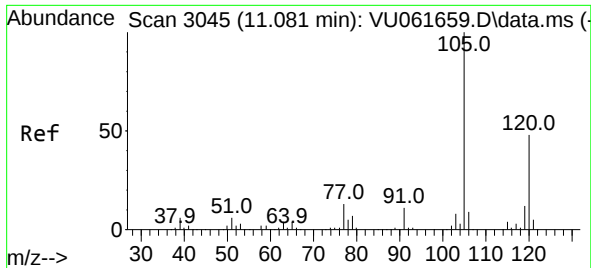
Ion Ratio Lower Upper

75 100

110 37.0 31.3 46.9

77 33.5 26.0 39.0

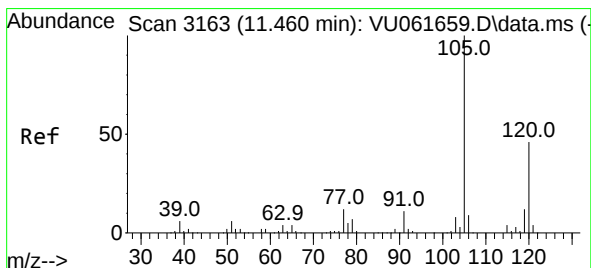
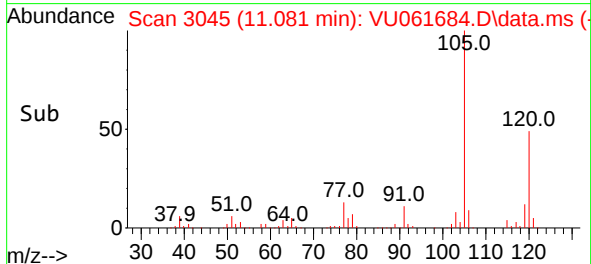
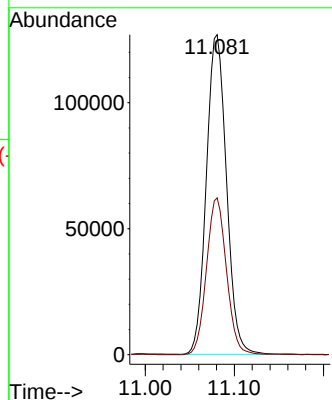
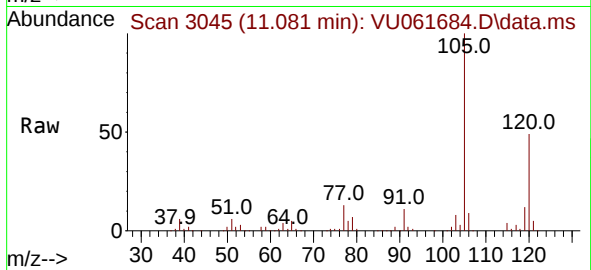




#62
1,3,5-Trimethylbenzene
Concen: 4.160 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. 0.000 min
Lab File: VU061684.D
Acq: 14 Nov 2024 20:13

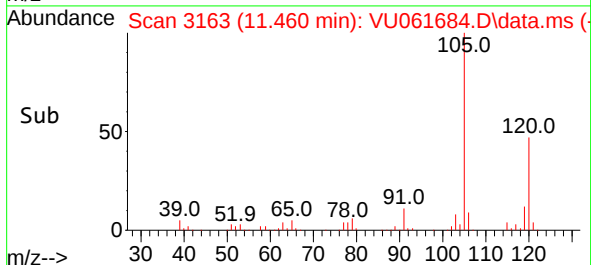
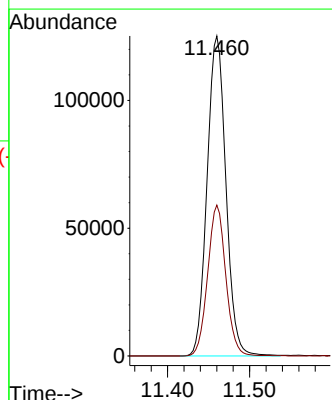
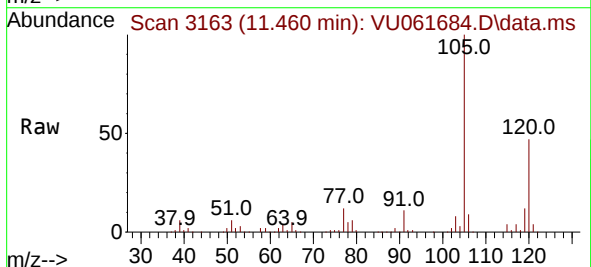
Instrument :
MSVOA_U
ClientSampleId :

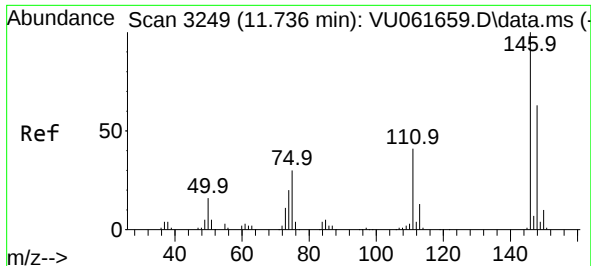
Tgt Ion:105 Resp: 198642
Ion Ratio Lower Upper
105 100
120 48.9 38.5 57.7



#63
1,2,4-Trimethylbenzene
Concen: 4.304 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VU061684.D
Acq: 14 Nov 2024 20:13

Tgt Ion:105 Resp: 200044
Ion Ratio Lower Upper
105 100
120 45.4 36.3 54.5





#64

1,3-Dichlorobenzene

Concen: 4.501 ug/L

RT: 11.737 min Scan# 3249

Delta R.T. 0.000 min

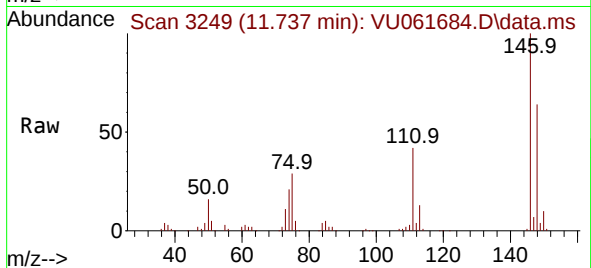
Lab File: VU061684.D

Acq: 14 Nov 2024 20:13

Instrument :

MSVOA_U

ClientSampleId :



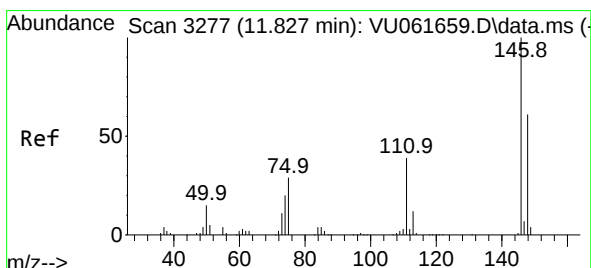
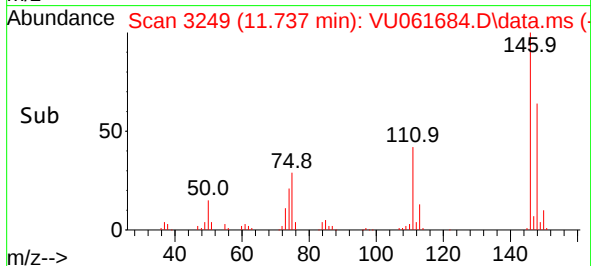
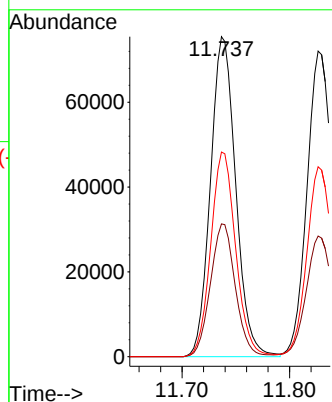
Tgt Ion:146 Resp: 123125

Ion Ratio Lower Upper

146 100

111 41.5 29.3 54.3

148 64.0 44.5 82.7



#65

1,4-Dichlorobenzene

Concen: 4.390 ug/L

RT: 11.827 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VU061684.D

Acq: 14 Nov 2024 20:13

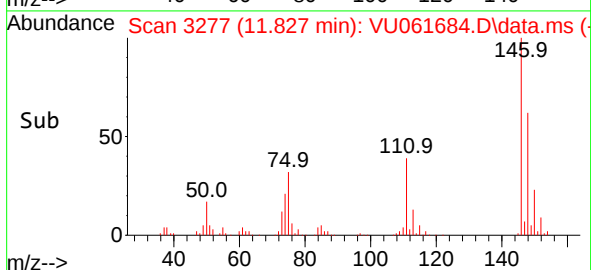
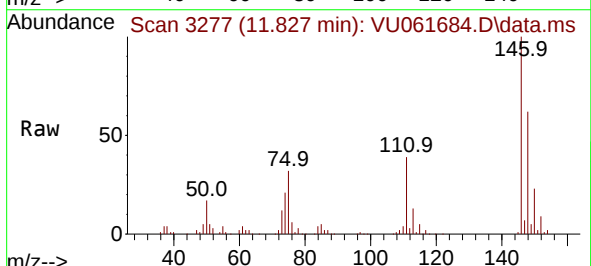
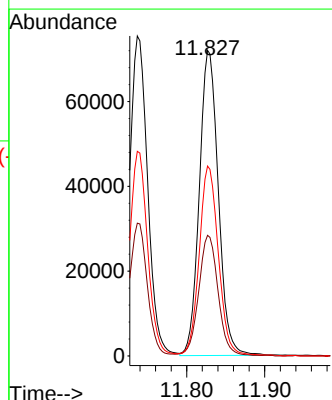
Tgt Ion:146 Resp: 121922

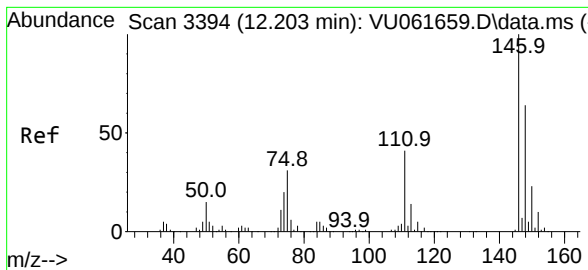
Ion Ratio Lower Upper

146 100

111 39.5 28.8 53.4

148 62.1 44.7 83.1

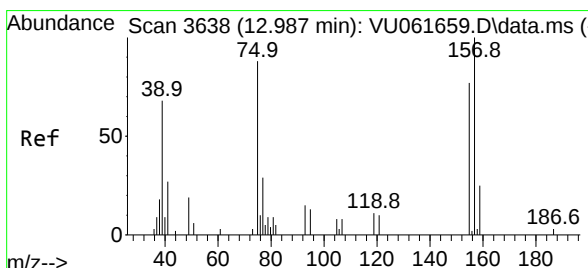
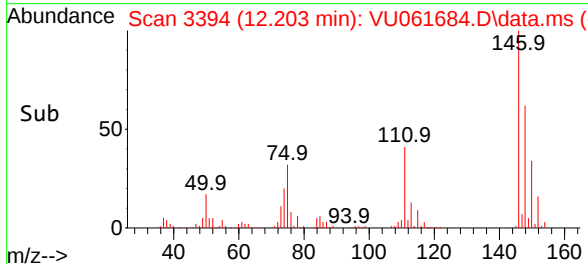
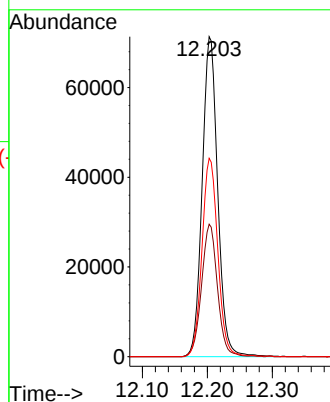
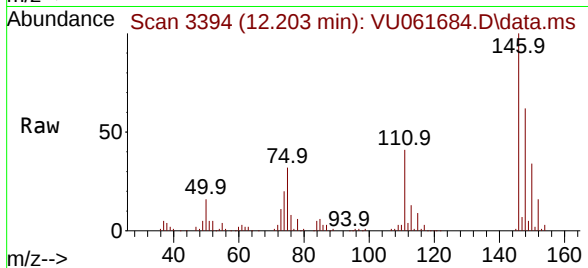




#67
1,2-Dichlorobenzene
Concen: 4.668 ug/L
RT: 12.203 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU061684.D
Acq: 14 Nov 2024 20:13

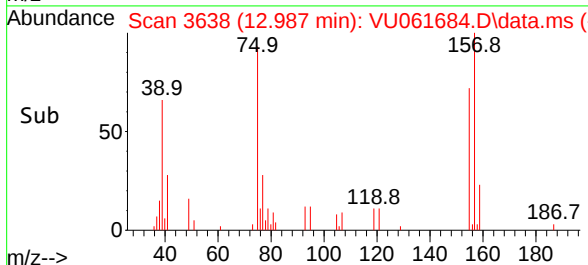
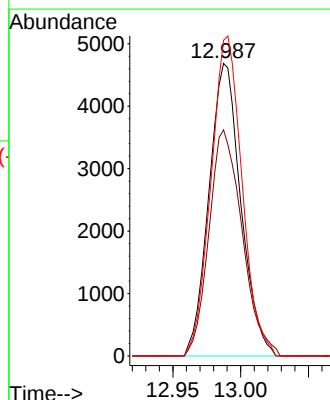
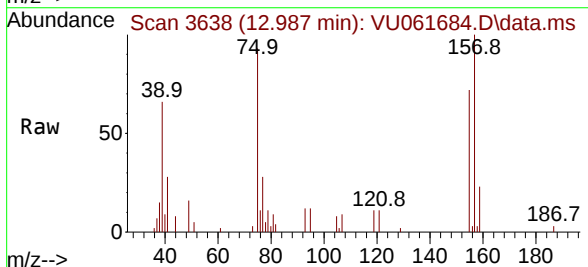
Instrument :
MSVOA_U
ClientSampleId :

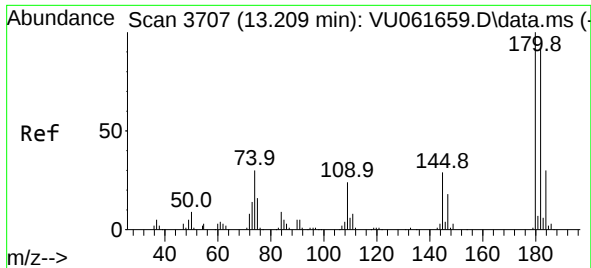
Tgt Ion:146 Resp: 118734
Ion Ratio Lower Upper
146 100
111 41.4 35.2 52.8
148 62.0 52.6 79.0



#68
1,2-Dibromo-3-chloropropane
Concen: 5.415 ug/L
RT: 12.987 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VU061684.D
Acq: 14 Nov 2024 20:13

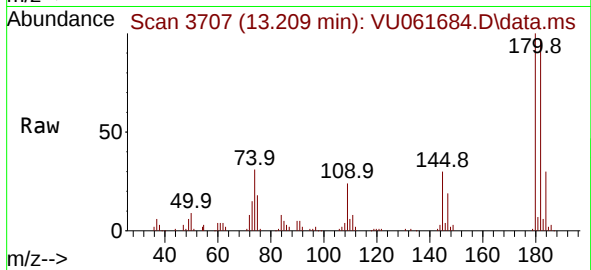
Tgt Ion: 75 Resp: 7661
Ion Ratio Lower Upper
75 100
155 77.3 62.6 93.8
157 107.8 84.9 127.3





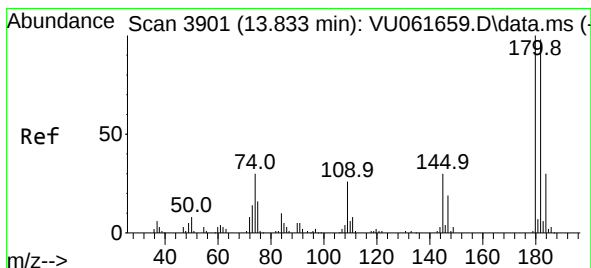
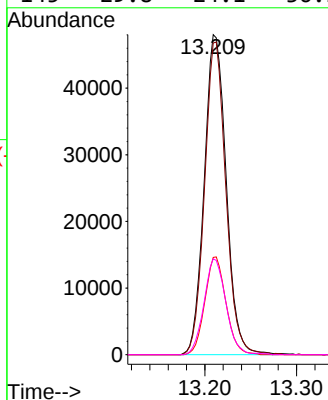
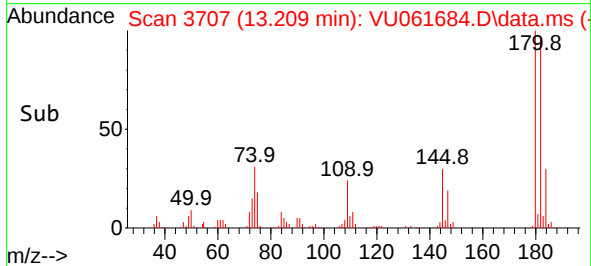
#69
 1,3,5-Trichlorobenzene
 Concen: 4.191 ug/L
 RT: 13.209 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU061684.D
 Acq: 14 Nov 2024 20:13

Instrument :
 MSVOA_U
 ClientSampleId :

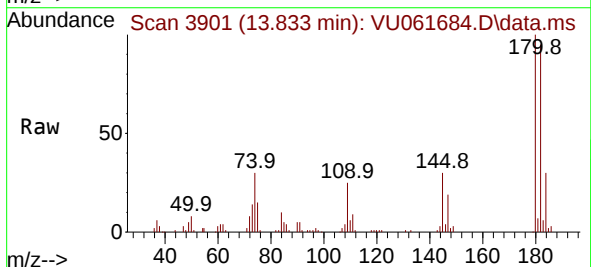


Tgt Ion:180 Resp: 80044

Ion	Ratio	Lower	Upper
180	100		
182	94.4	77.1	115.7
184	29.3	24.7	37.1
145	29.8	24.1	36.1

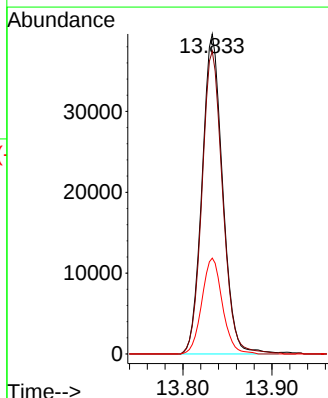
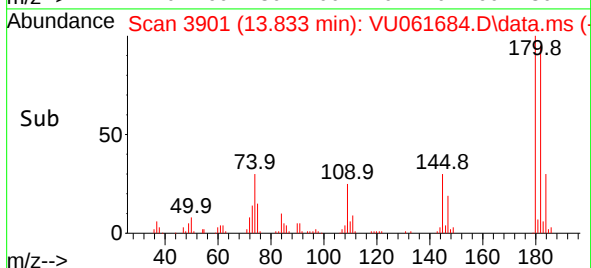


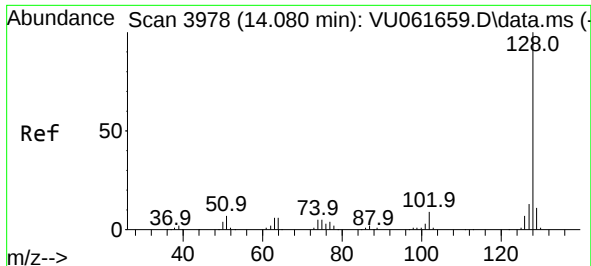
#70
 1,2,4-trichlorobenzene
 Concen: 4.281 ug/L
 RT: 13.833 min Scan# 3901
 Delta R.T. 0.000 min
 Lab File: VU061684.D
 Acq: 14 Nov 2024 20:13



Tgt Ion:180 Resp: 63361

Ion	Ratio	Lower	Upper
180	100		
182	95.3	77.4	116.0
145	29.9	24.5	36.7

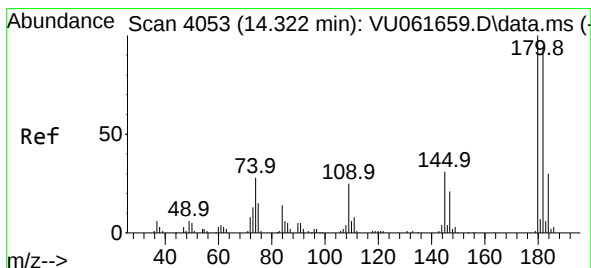
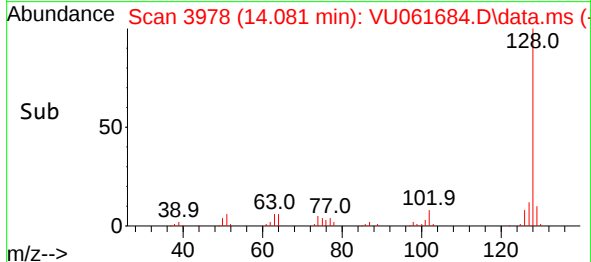
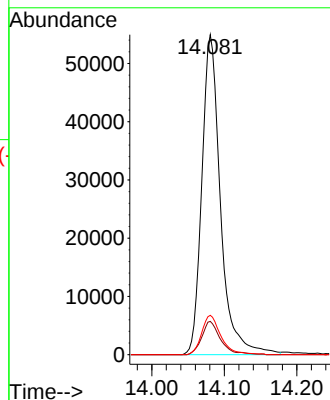
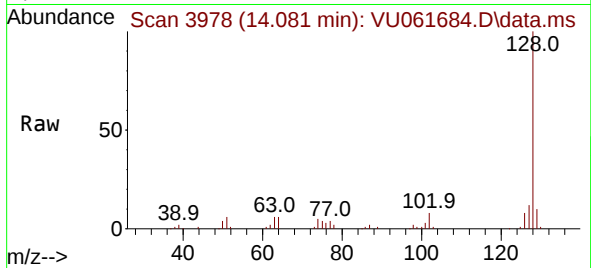




#71
Naphthalene
Concen: 4.623 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. 0.000 min
Lab File: VU061684.D
Acq: 14 Nov 2024 20:13

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 98228
Ion Ratio Lower Upper
128 100
129 10.6 8.5 12.7
127 12.8 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 4.463 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU061684.D
Acq: 14 Nov 2024 20:13

Tgt Ion:180 Resp: 55445
Ion Ratio Lower Upper
180 100
182 95.2 76.6 114.8
145 31.7 26.3 39.5

