

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U090922\
 Data File : VU050698.D
 Acq On : 09 Sep 2022 11:38
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 10 01:15:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM090222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 08 22:51:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	249016	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	251617	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	120120	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	65752	30.872	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	61.740%
7) Chloroethane-d5	1.900	69	52272	36.293	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	72.580%
11) 1,1-Dichloroethene-d2	2.566	63	145317	38.609	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.220%
21) 2-Butanone-d5	4.620	46	167423	107.442	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.440%
24) Chloroform-d	5.061	84	196777	48.747	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.500%
26) 1,2-Dichloroethane-d4	5.700	65	124563	50.497	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.000%
32) Benzene-d6	5.726	84	356960	42.929	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.860%
36) 1,2-Dichloropropane-d6	6.691	67	122912	45.022	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.040%
41) Toluene-d8	7.896	98	324491	45.634	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.260%
43) trans-1,3-Dichloroprop...	8.179	79	55258	48.919	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.840%
47) 2-Hexanone-d5	8.633	63	77287	112.548	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.550%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	215047	52.053	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.100%
66) 1,2-Dichlorobenzene-d4	12.192	152	126884	45.124	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	109953	45.970	ug/L	100
3) Chloromethane	1.521	50	112578	43.561	ug/L	100
5) Vinyl chloride	1.604	62	91999	37.783	ug/L	99
6) Bromomethane	1.839	94	55567	45.251	ug/L	96
8) Chloroethane	1.922	64	55599	42.991	ug/L	97
9) Trichlorofluoromethane	2.131	101	139792	47.122	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	90891	46.706	ug/L	99
12) 1,1-Dichloroethene	2.575	96	83605	44.215	ug/L	97
13) Acetone	2.623	43	124285	105.732	ug/L	98
14) Carbon disulfide	2.791	76	242825	43.307	ug/L	99
15) Methyl Acetate	2.945	43	129786	52.207	ug/L	97
16) Methylene chloride	3.041	84	122518	49.371	ug/L	96
17) trans-1,2-Dichloroethene	3.350	96	94208	46.984	ug/L	94
18) Methyl tert-butyl Ether	3.363	73	318318	51.202	ug/L	98
19) 1,1-Dichloroethane	3.864	63	190593	49.269	ug/L	100
20) cis-1,2-Dichloroethene	4.665	96	111996	49.505	ug/L	93
22) 2-Butanone	4.697	43	192599	104.758	ug/L	93
23) Bromochloromethane	4.974	128	65379	55.926	ug/L	92
25) Chloroform	5.086	83	209987	53.280	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090922\
 Data File : VU050698.D
 Acq On : 09 Sep 2022 11:38
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

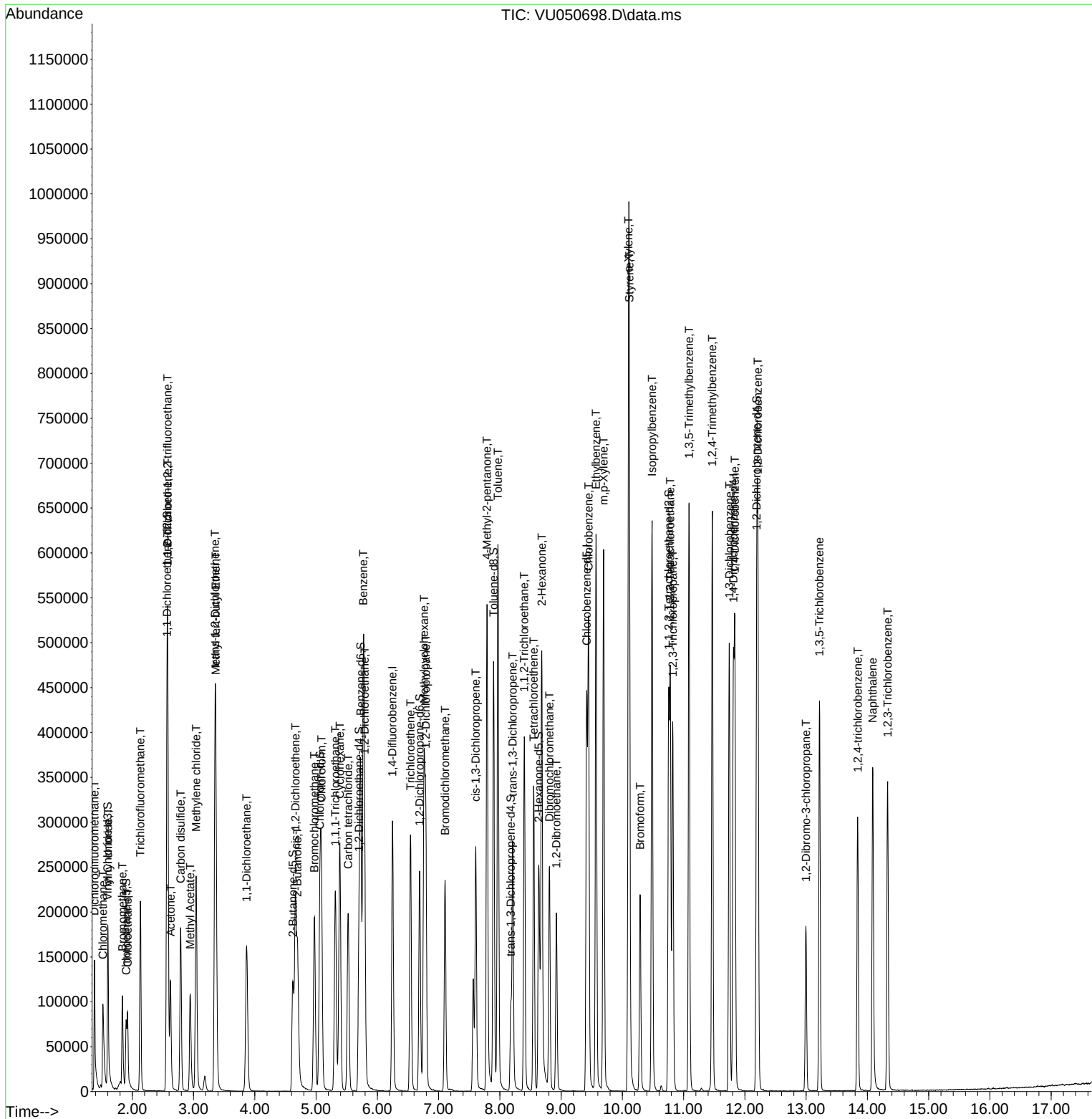
Instrument :
 MSVOA_U
 ClientSampleId :

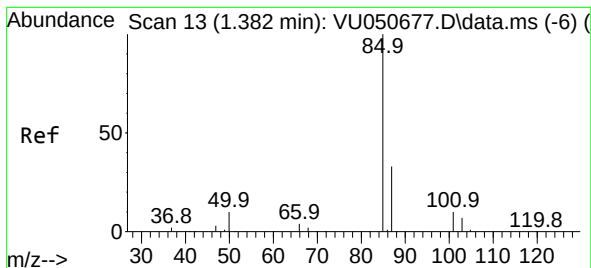
Quant Time: Sep 10 01:15:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM090222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 08 22:51:50 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.794	62	167777	57.436	ug/L	97
29) Cyclohexane	5.389	56	129313	38.375	ug/L	94
30) 1,1,1-Trichloroethane	5.315	97	169538	50.026	ug/L	98
31) Carbon tetrachloride	5.524	117	139461	50.227	ug/L	100
33) Benzene	5.771	78	450778	49.227	ug/L	100
34) Trichloroethene	6.543	95	102461	48.021	ug/L	95
35) Methylcyclohexane	6.765	83	136406	40.212	ug/L	96
37) 1,2-Dichloropropane	6.790	63	119997	49.611	ug/L	98
38) Bromodichloromethane	7.106	83	157898	55.495	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	165567	50.570	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	334013	101.335	ug/L	98
42) Toluene	7.967	91	463666	49.848	ug/L	100
44) trans-1,3-Dichloropropene	8.208	75	164835	53.661	ug/L	100
45) 1,1,2-Trichloroethane	8.398	97	125920	54.193	ug/L	98
46) Tetrachloroethene	8.552	164	76740	49.242	ug/L	98
48) 2-Hexanone	8.684	43	293779	95.503	ug/L	96
49) Dibromochloromethane	8.810	129	132364	59.726	ug/L	99
50) 1,2-Dibromoethane	8.922	107	131121	55.489	ug/L #	98
51) Chlorobenzene	9.446	112	293686	50.874	ug/L	97
52) Ethylbenzene	9.568	91	444437	48.367	ug/L	99
53) m,p-Xylene	9.694	106	174197	49.482	ug/L	99
54) o-Xylene	10.099	106	180490	51.496	ug/L	99
55) Styrene	10.115	104	315341	54.682	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.781	83	228756	55.271	ug/L	99
59) Bromoform	10.289	173	100623	56.145	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	181464	51.487	ug/L	99
61) Isopropylbenzene	10.485	105	425095	44.709	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	359072	44.174	ug/L	97
63) 1,2,4-Trimethylbenzene	11.469	105	359546	46.062	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	210005	50.197	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	203243	49.148	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	224020	50.277	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	50297	54.041	ug/L	95
69) 1,3,5-Trichlorobenzene	13.218	180	137970	45.443	ug/L	100
70) 1,2,4-trichlorobenzene	13.842	180	99572	38.623	ug/L	99
71) Naphthalene	14.086	128	325776	35.641	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	111779	40.038	ug/L	98

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

Quant Time: Sep 10 01:15:51 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM090222WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 08 22:51:50 2022
Response via : Initial Calibration

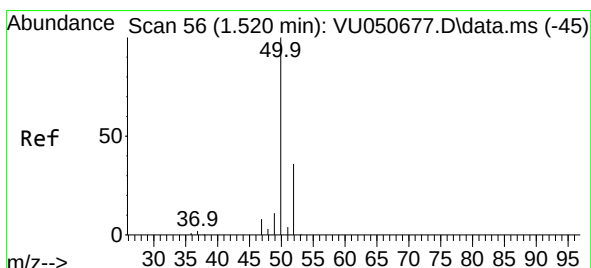
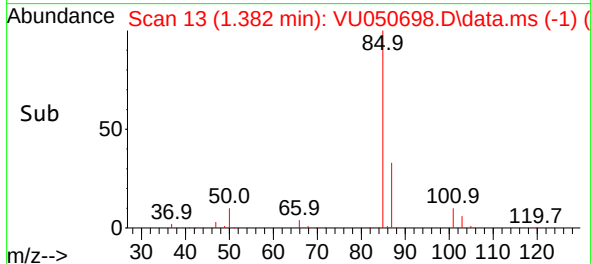
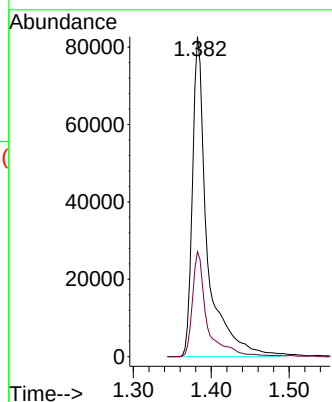
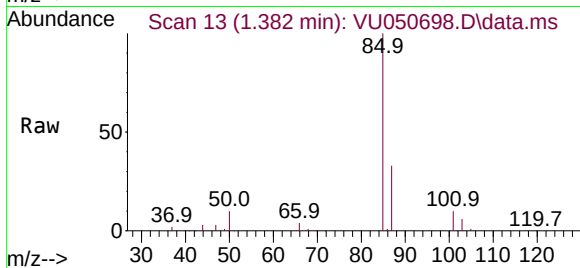




#2
 Dichlorodifluoromethane
 Concen: 45.970 ug/L
 RT: 1.382 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VU050698.D
 Acq: 09 Sep 2022 11:38

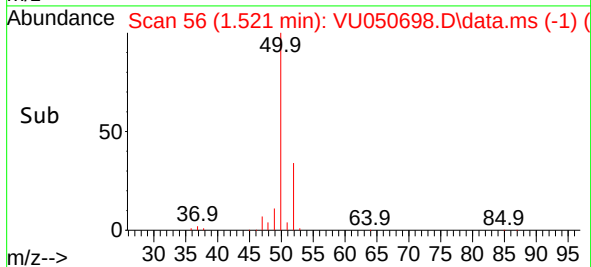
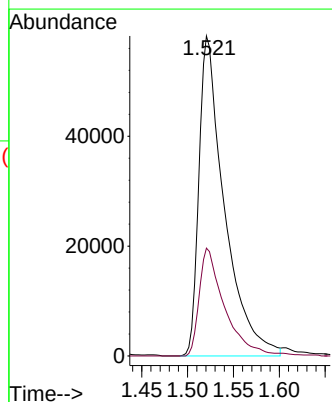
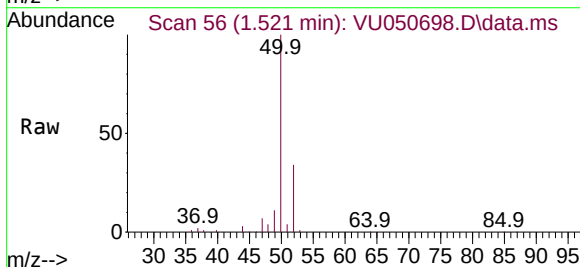
Instrument :
 MSVOA_U
 ClientSampleId :

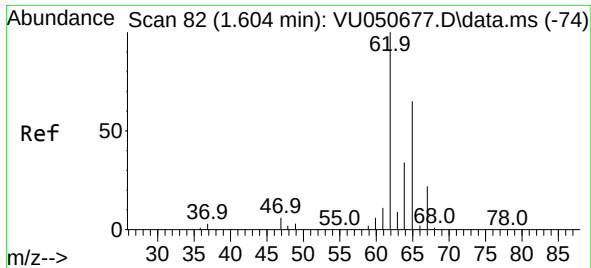
Tgt Ion: 85 Resp: 109953
 Ion Ratio Lower Upper
 85 100
 87 32.1 25.8 38.8



#3
 Chloromethane
 Concen: 43.561 ug/L
 RT: 1.521 min Scan# 56
 Delta R.T. 0.000 min
 Lab File: VU050698.D
 Acq: 09 Sep 2022 11:38

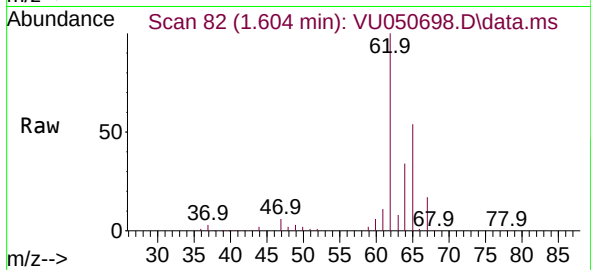
Tgt Ion: 50 Resp: 112578
 Ion Ratio Lower Upper
 50 100
 52 33.7 23.7 43.9



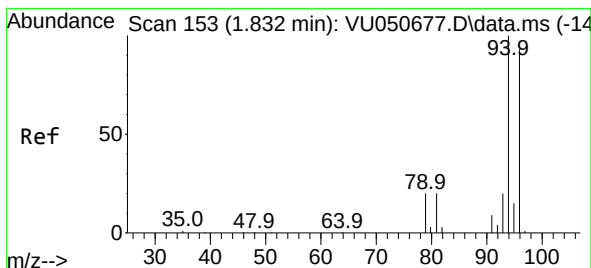
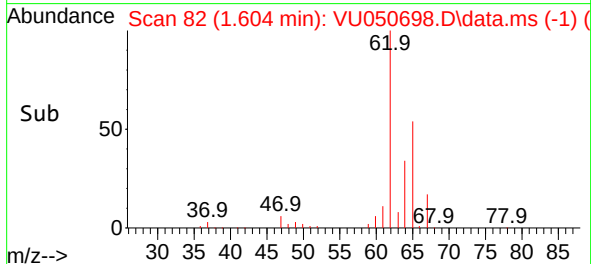
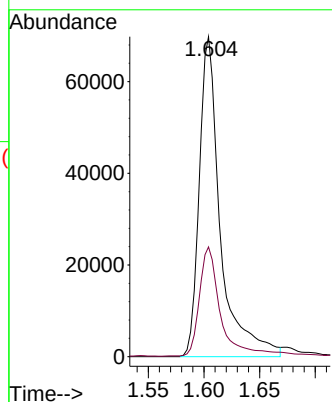


#5
 Vinyl chloride
 Concen: 37.783 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU050698.D
 Acq: 09 Sep 2022 11:38

Instrument :
 MSVOA_U
 ClientSampleId :

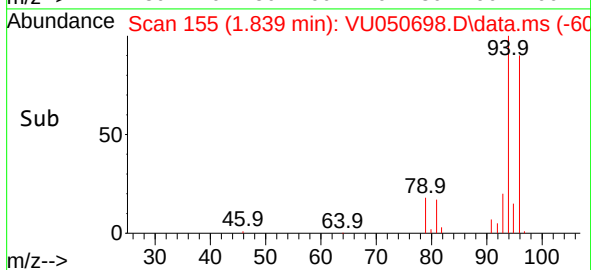
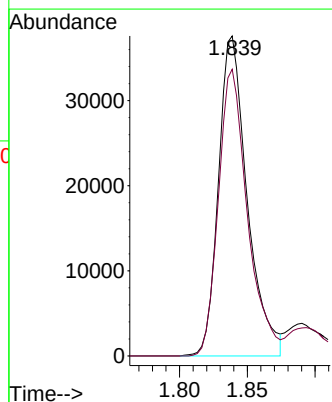
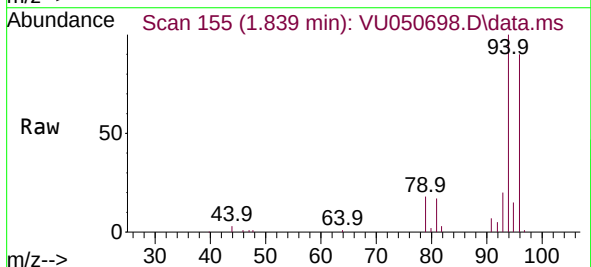


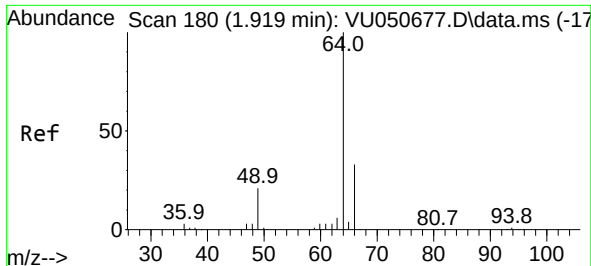
Tgt Ion: 62 Resp: 91999
 Ion Ratio Lower Upper
 62 100
 64 34.3 23.5 43.7



#6
 Bromomethane
 Concen: 45.251 ug/L
 RT: 1.839 min Scan# 155
 Delta R.T. 0.007 min
 Lab File: VU050698.D
 Acq: 09 Sep 2022 11:38

Tgt Ion: 94 Resp: 55567
 Ion Ratio Lower Upper
 94 100
 96 89.6 65.6 121.8

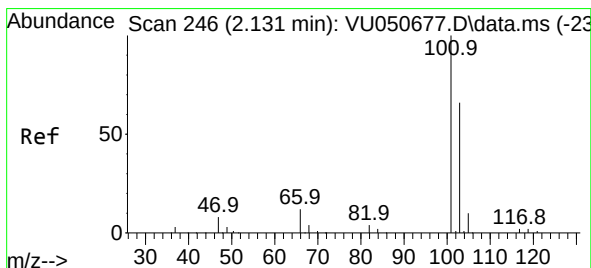
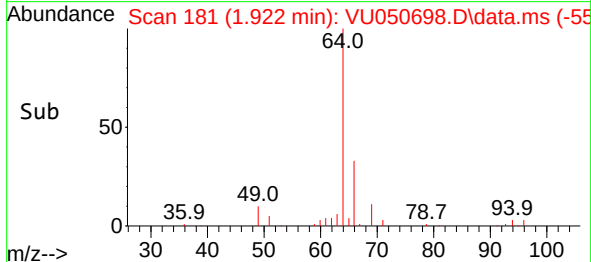
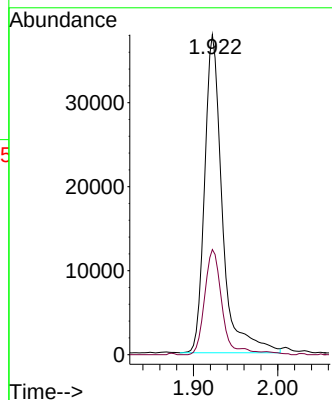
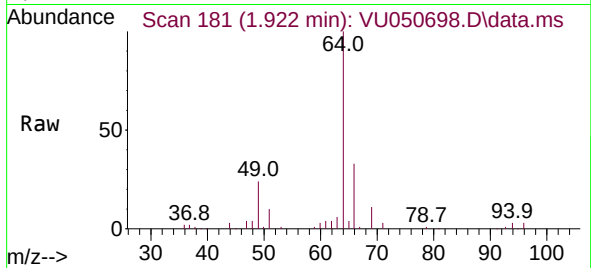




#8
Chloroethane
Concen: 42.991 ug/L
RT: 1.922 min Scan# 181
Delta R.T. 0.004 min
Lab File: VU050698.D
Acq: 09 Sep 2022 11:38

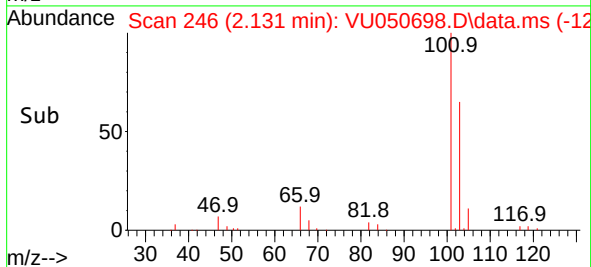
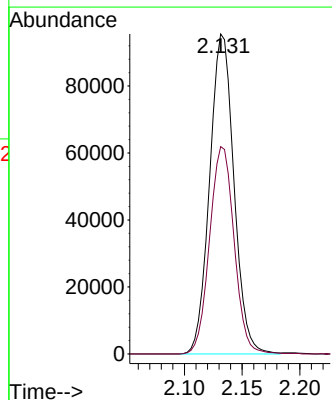
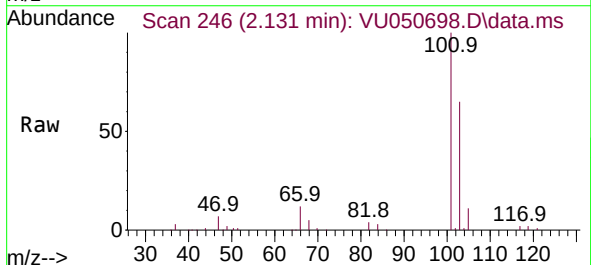
Instrument :
MSVOA_U
ClientSampleId :

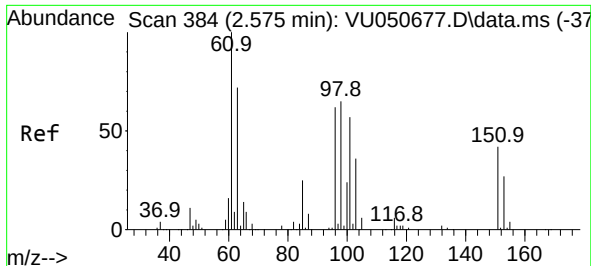
Tgt Ion: 64 Resp: 55599
Ion Ratio Lower Upper
64 100
66 32.8 21.9 40.7



#9
Trichlorofluoromethane
Concen: 47.122 ug/L
RT: 2.131 min Scan# 246
Delta R.T. 0.000 min
Lab File: VU050698.D
Acq: 09 Sep 2022 11:38

Tgt Ion:101 Resp: 139792
Ion Ratio Lower Upper
101 100
103 65.3 51.4 77.0





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 46.706 ug/L

RT: 2.575 min Scan# 384

Delta R.T. 0.000 min

Lab File: VU050698.D

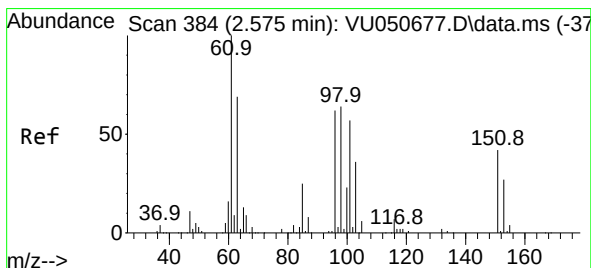
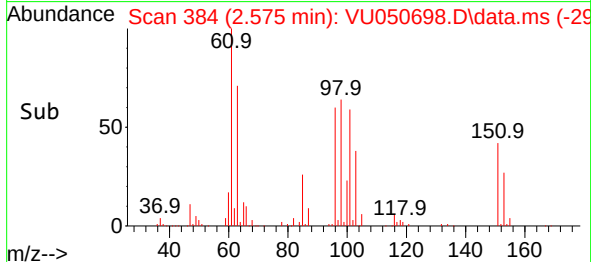
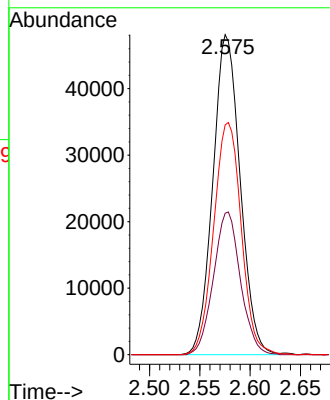
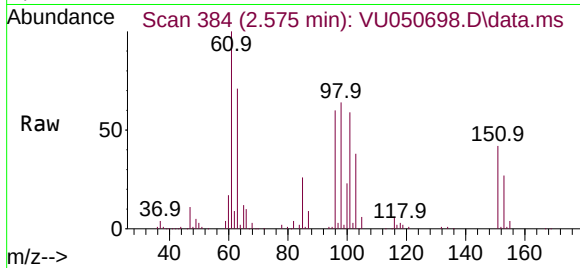
Acq: 09 Sep 2022 11:38

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	101	Resp:	90891
Ion Ratio	Lower	Upper	
101	100		
85	44.0	34.4	51.6
151	73.1	57.7	86.5



#12

1,1-Dichloroethene

Concen: 44.215 ug/L

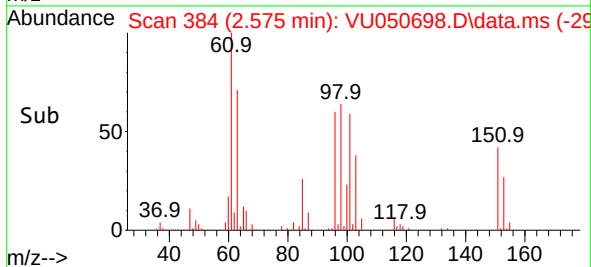
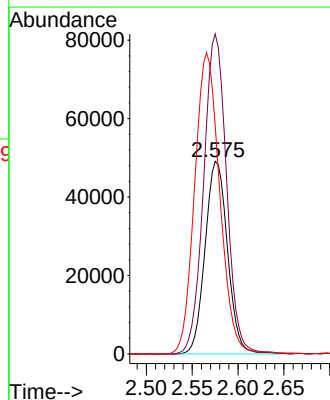
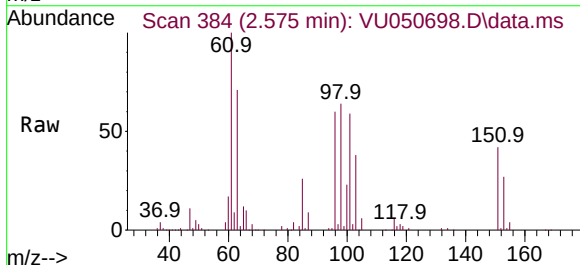
RT: 2.575 min Scan# 384

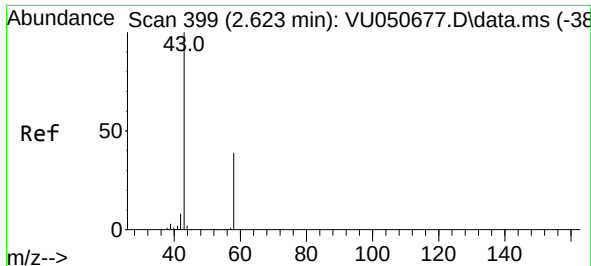
Delta R.T. 0.000 min

Lab File: VU050698.D

Acq: 09 Sep 2022 11:38

Tgt Ion:	96	Resp:	83605
Ion Ratio	Lower	Upper	
96	100		
61	166.1	118.0	219.1
63	118.3	79.5	147.7





#13

Acetone

Concen: 105.732 ug/L

RT: 2.623 min Scan# 399

Delta R.T. 0.000 min

Lab File: VU050698.D

Acq: 09 Sep 2022 11:38

Instrument :

MSVOA_U

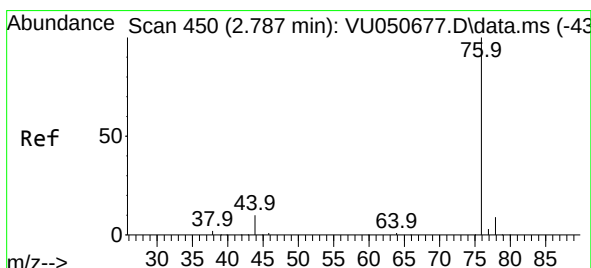
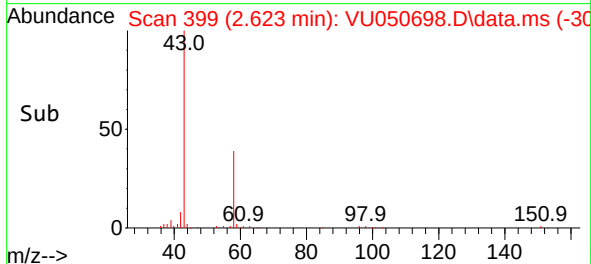
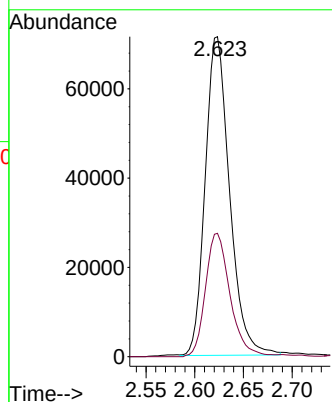
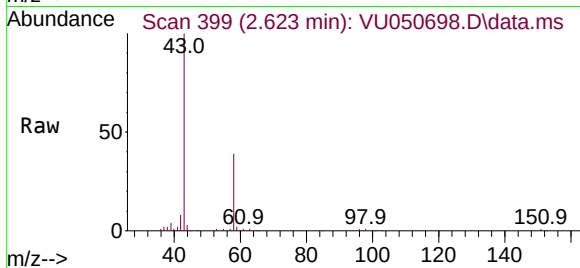
ClientSampleId :

Tgt Ion: 43 Resp: 124285

Ion Ratio Lower Upper

43 100

58 39.0 0.0 76.2



#14

Carbon disulfide

Concen: 43.307 ug/L

RT: 2.791 min Scan# 451

Delta R.T. 0.004 min

Lab File: VU050698.D

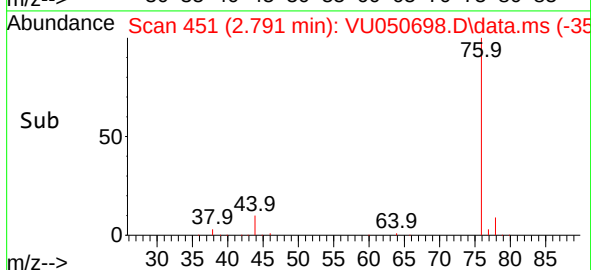
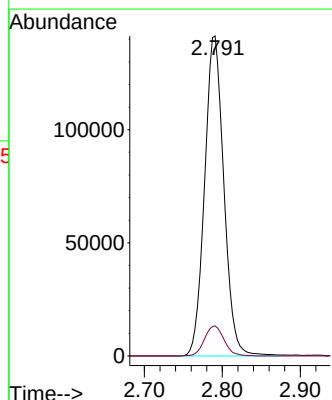
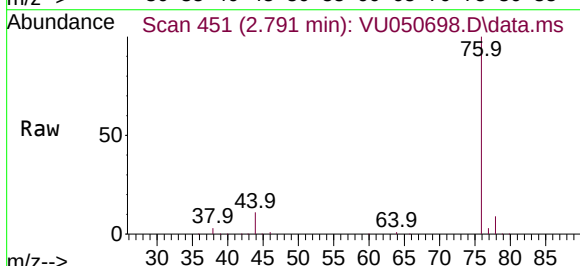
Acq: 09 Sep 2022 11:38

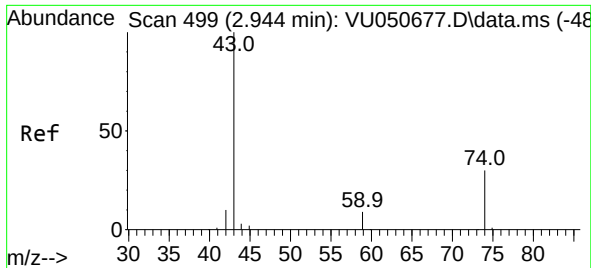
Tgt Ion: 76 Resp: 242825

Ion Ratio Lower Upper

76 100

78 9.4 7.3 10.9

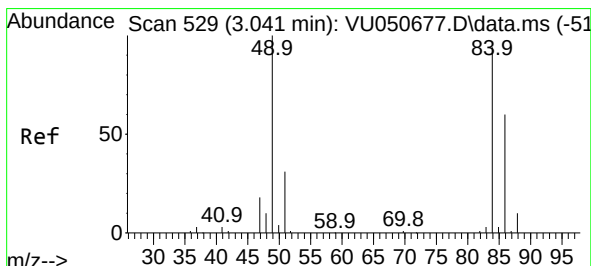
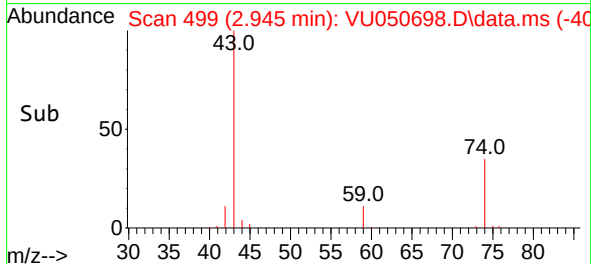
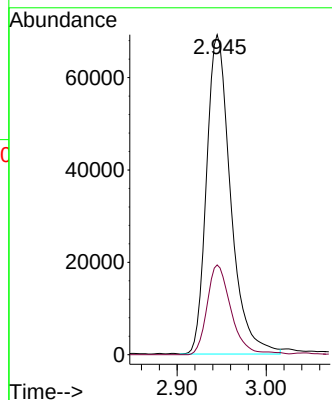
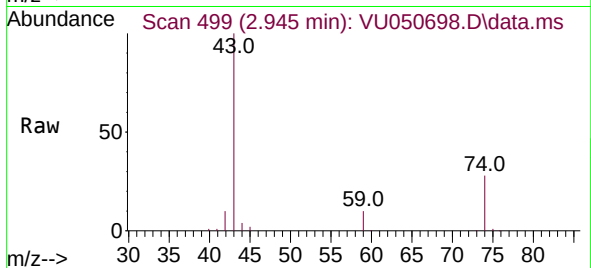




#15
Methyl Acetate
Concen: 52.207 ug/L
RT: 2.945 min Scan# 499
Delta R.T. 0.000 min
Lab File: VU050698.D
Acq: 09 Sep 2022 11:38

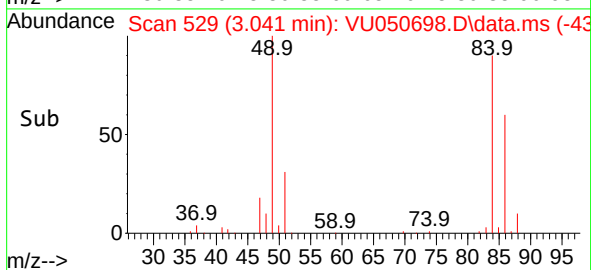
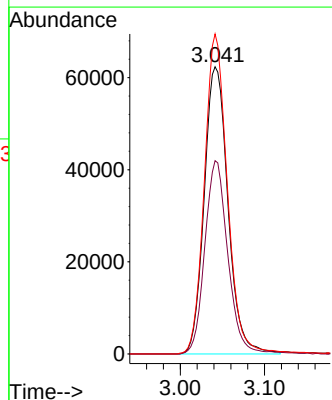
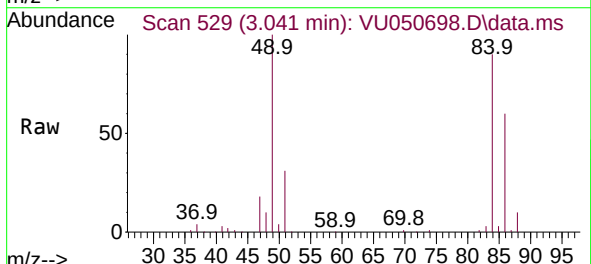
Instrument :
MSVOA_U
ClientSampleId :

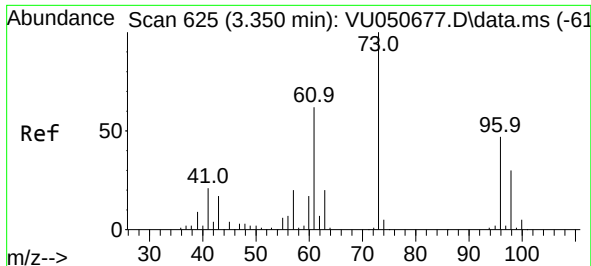
Tgt Ion: 43 Resp: 129786
Ion Ratio Lower Upper
43 100
74 28.1 21.2 31.8



#16
Methylene chloride
Concen: 49.371 ug/L
RT: 3.041 min Scan# 529
Delta R.T. 0.000 min
Lab File: VU050698.D
Acq: 09 Sep 2022 11:38

Tgt Ion: 84 Resp: 122518
Ion Ratio Lower Upper
84 100
86 67.3 44.8 83.2
49 111.4 80.6 149.8





#17

trans-1,2-Dichloroethene

Concen: 46.984 ug/L

RT: 3.350 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU050698.D

Acq: 09 Sep 2022 11:38

Instrument :

MSVOA_U

ClientSampleId :

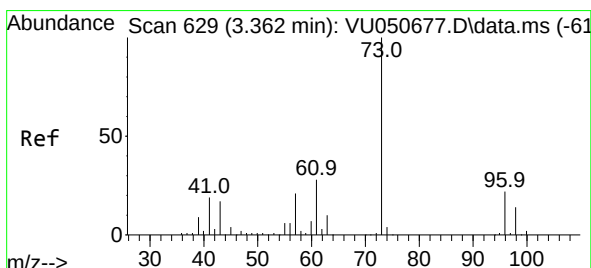
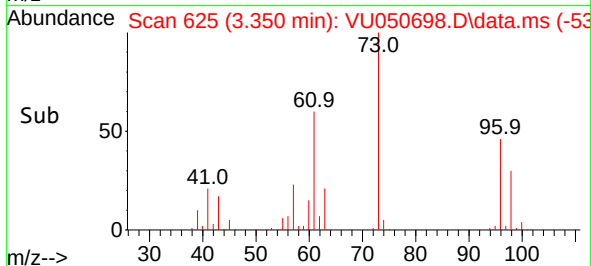
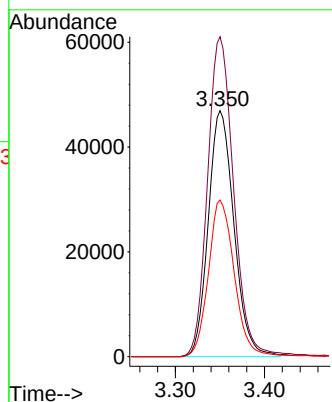
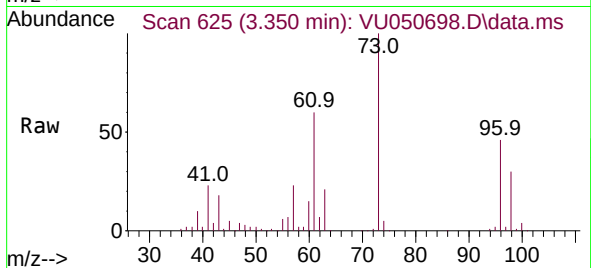
Tgt Ion: 96 Resp: 94208

Ion Ratio Lower Upper

96 100

61 130.0 97.9 181.7

98 63.7 44.8 83.2



#18

Methyl tert-butyl Ether

Concen: 51.202 ug/L

RT: 3.363 min Scan# 629

Delta R.T. 0.000 min

Lab File: VU050698.D

Acq: 09 Sep 2022 11:38

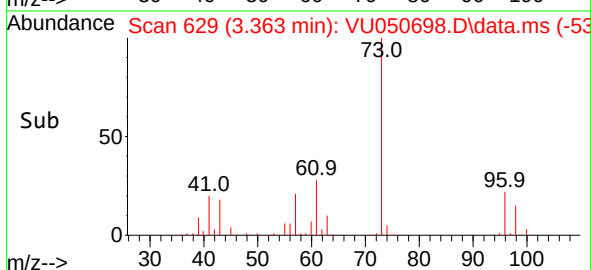
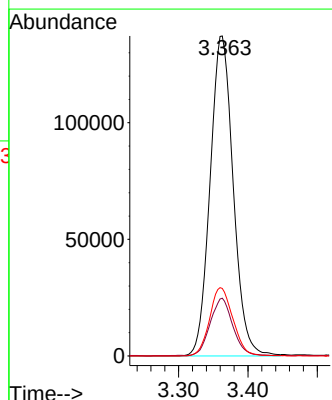
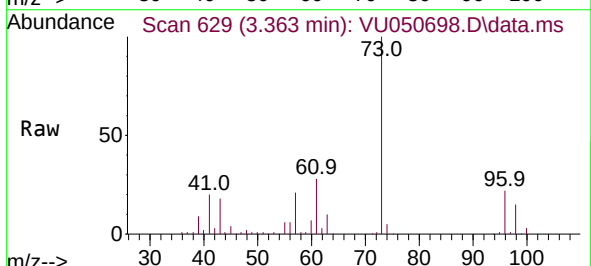
Tgt Ion: 73 Resp: 318318

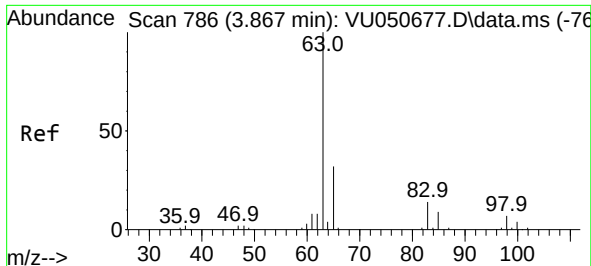
Ion Ratio Lower Upper

73 100

43 17.6 13.4 20.2

57 21.5 17.8 26.8





#19

1,1-Dichloroethane

Concen: 49.269 ug/L

RT: 3.864 min Scan# 71

Delta R.T. -0.003 min MSVOA_U

Lab File: VU050698.D

Acq: 09 Sep 2022 11:38

Instrument :

MSVOA_U

ClientSampleId :

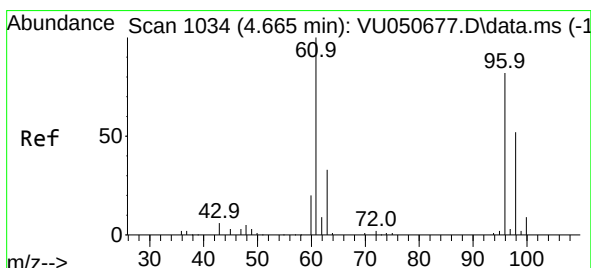
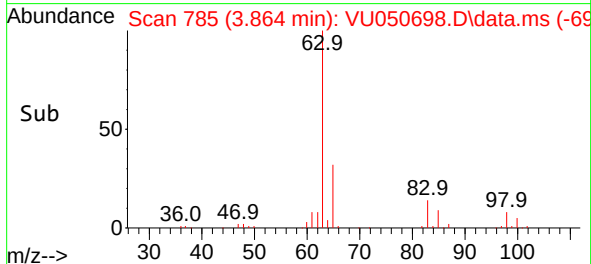
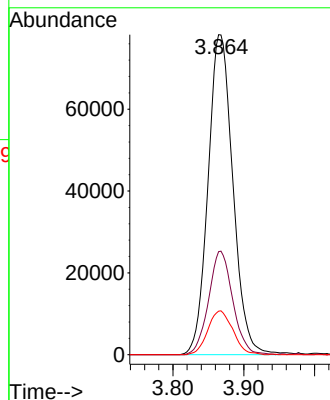
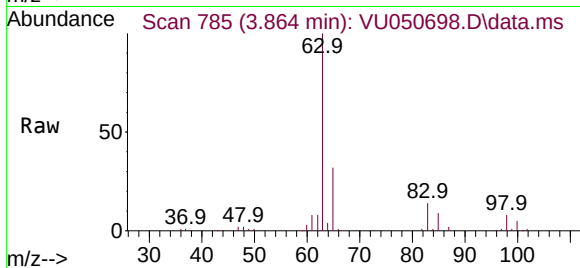
Tgt Ion: 63 Resp: 190593

Ion Ratio Lower Upper

63 100

65 32.2 22.4 41.6

83 13.6 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 49.505 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU050698.D

Acq: 09 Sep 2022 11:38

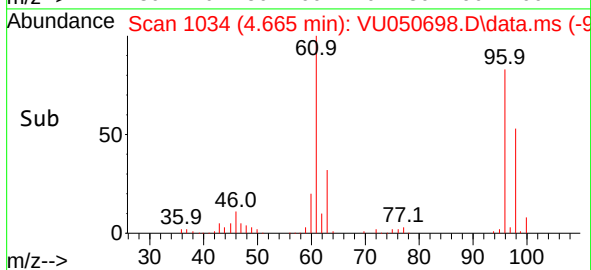
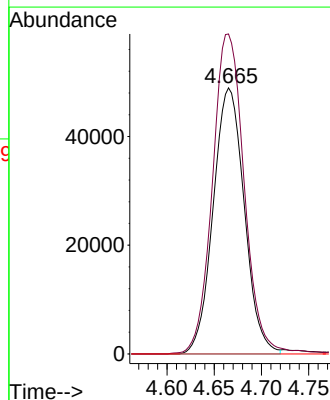
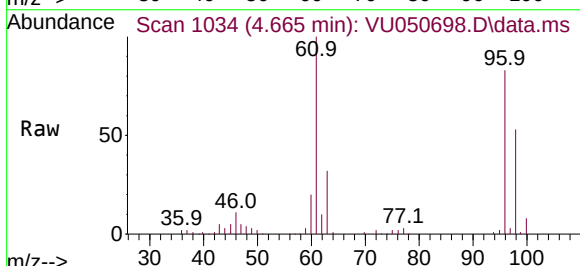
Tgt Ion: 96 Resp: 111996

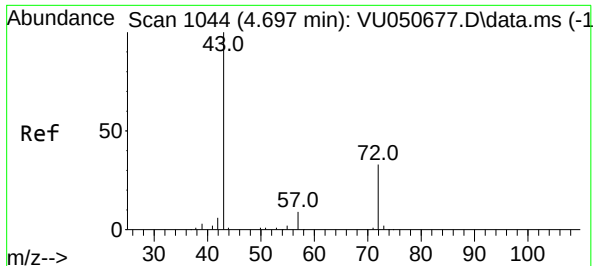
Ion Ratio Lower Upper

96 100

61 120.3 89.8 166.8

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 104.758 ug/L

RT: 4.697 min Scan# 1044

Delta R.T. 0.000 min

Lab File: VU050698.D

Acq: 09 Sep 2022 11:38

Instrument :

MSVOA_U

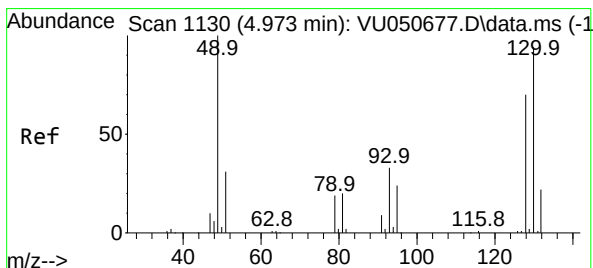
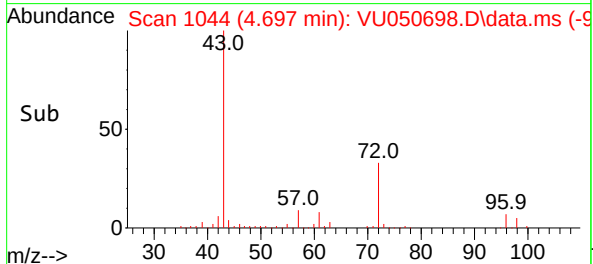
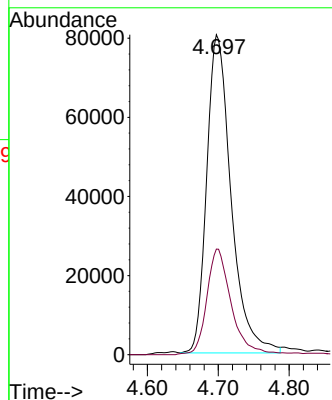
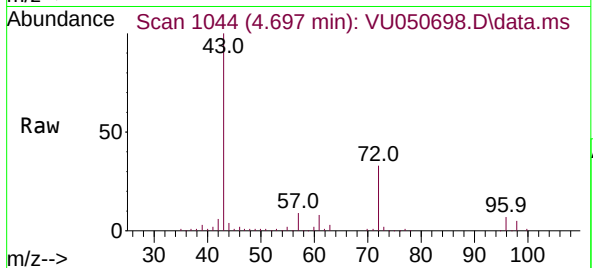
ClientSampleId :

Tgt Ion: 43 Resp: 192599

Ion Ratio Lower Upper

43 100

72 33.1 14.6 44.0



#23

Bromochloromethane

Concen: 55.926 ug/L

RT: 4.974 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VU050698.D

Acq: 09 Sep 2022 11:38

Tgt Ion:128 Resp: 65379

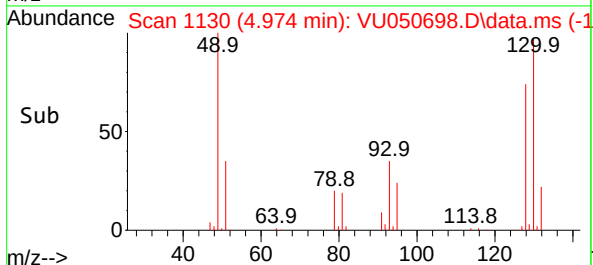
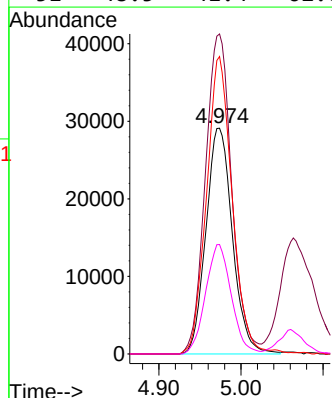
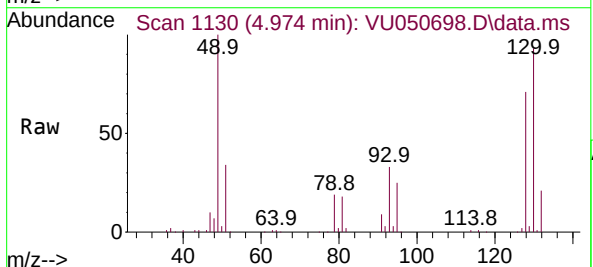
Ion Ratio Lower Upper

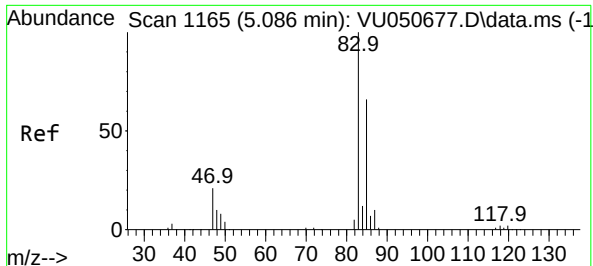
128 100

49 141.7 112.5 208.9

130 131.8 91.8 170.4

51 48.5 41.4 62.0





#25

Chloroform

Concen: 53.280 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU050698.D

Acq: 09 Sep 2022 11:38

Instrument :

MSVOA_U

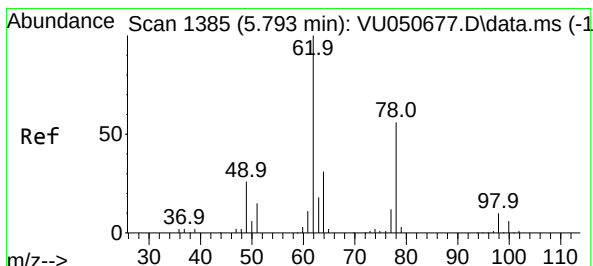
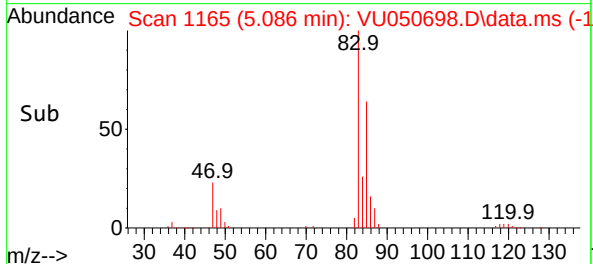
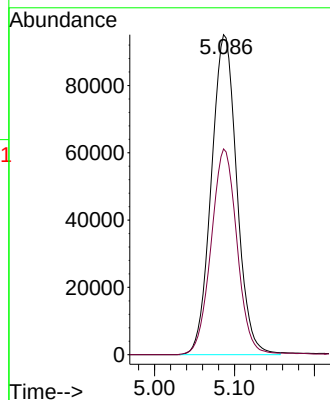
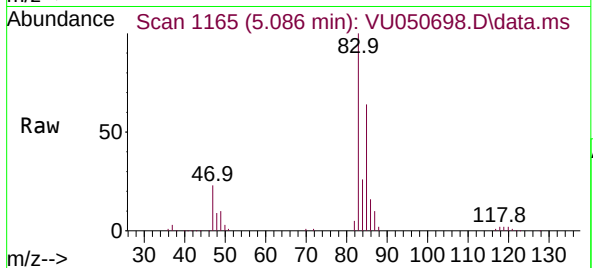
ClientSampleId :

Tgt Ion: 83 Resp: 209987

Ion Ratio Lower Upper

83 100

85 64.3 45.6 84.8



#27

1,2-Dichloroethane

Concen: 57.436 ug/L

RT: 5.794 min Scan# 1385

Delta R.T. 0.000 min

Lab File: VU050698.D

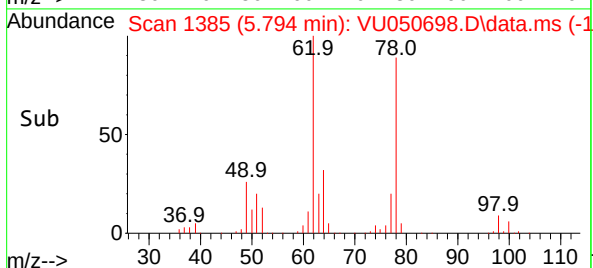
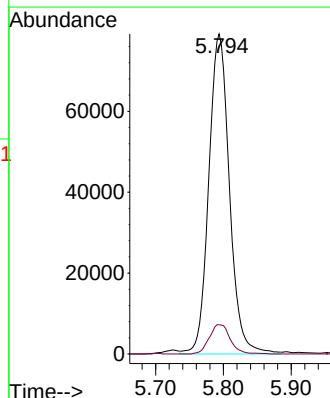
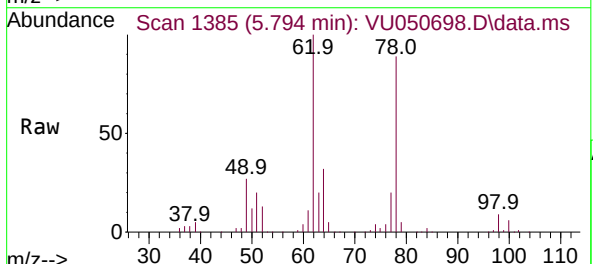
Acq: 09 Sep 2022 11:38

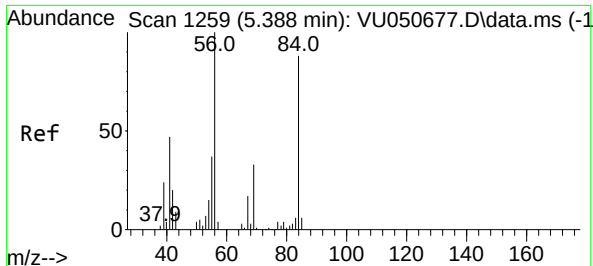
Tgt Ion: 62 Resp: 167777

Ion Ratio Lower Upper

62 100

98 9.1 8.2 12.2





#29

Cyclohexane

Concen: 38.375 ug/L

RT: 5.389 min Scan# 1259

Delta R.T. 0.000 min

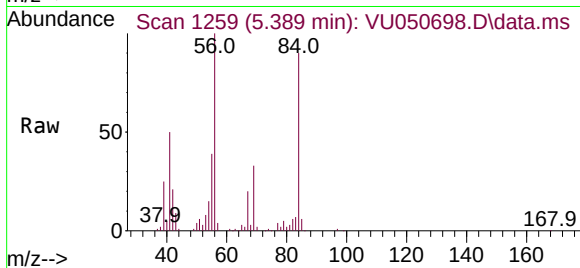
Lab File: VU050698.D

Acq: 09 Sep 2022 11:38

Instrument :

MSVOA_U

ClientSampleId :



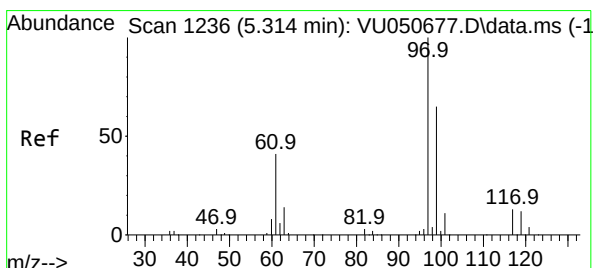
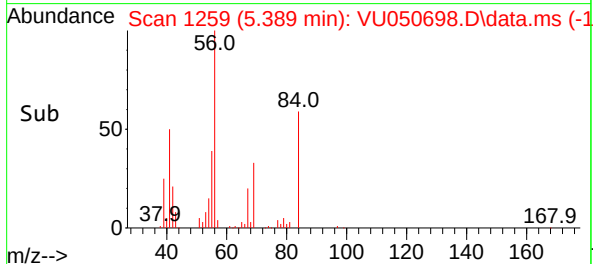
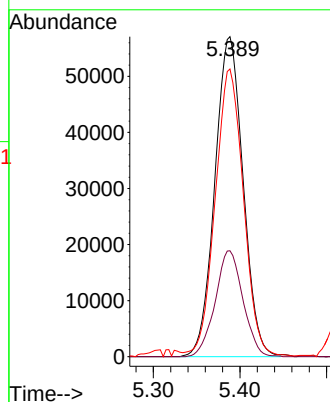
Tgt Ion: 56 Resp: 129313

Ion Ratio Lower Upper

56 100

69 32.5 24.6 37.0

84 90.2 67.4 101.2



#30

1,1,1-Trichloroethane

Concen: 50.026 ug/L

RT: 5.315 min Scan# 1236

Delta R.T. 0.000 min

Lab File: VU050698.D

Acq: 09 Sep 2022 11:38

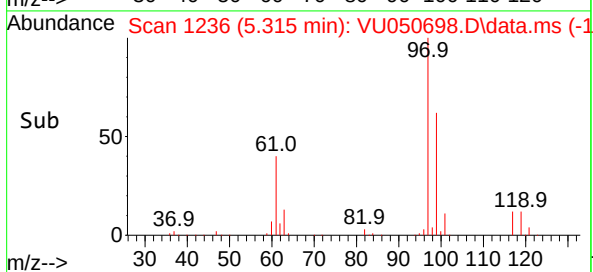
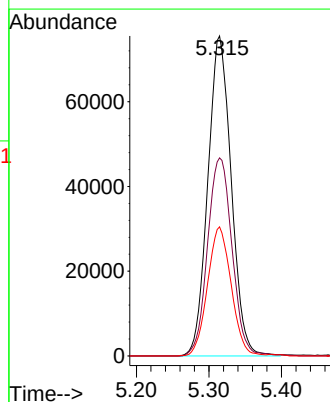
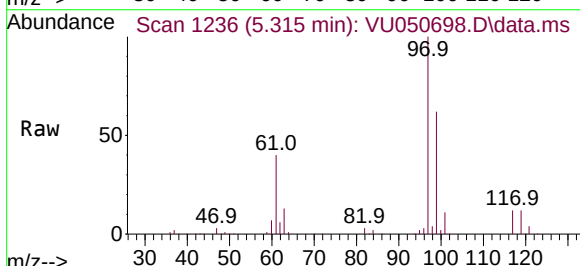
Tgt Ion: 97 Resp: 169538

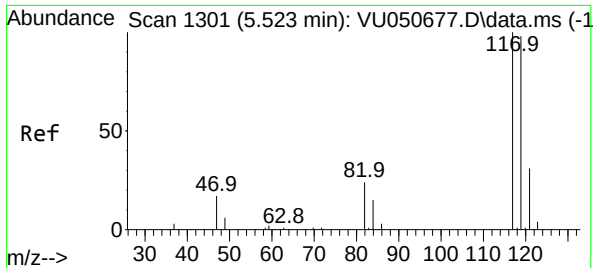
Ion Ratio Lower Upper

97 100

99 64.7 51.2 76.8

61 40.4 34.2 51.4

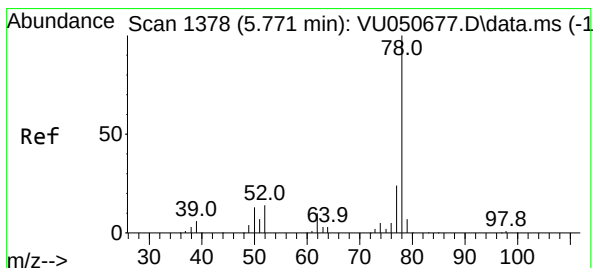
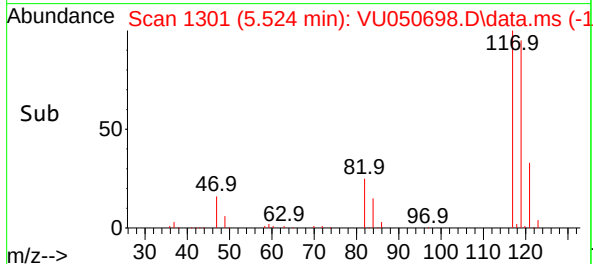
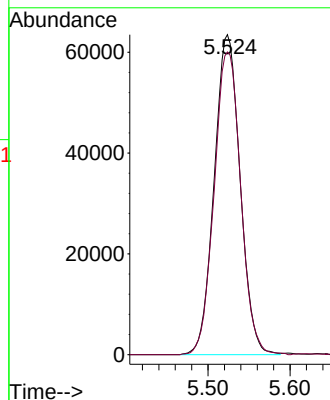
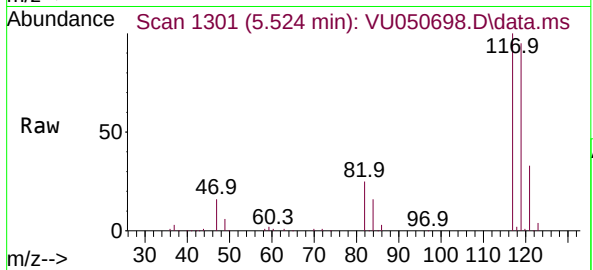




#31
Carbon tetrachloride
Concen: 50.227 ug/L
RT: 5.524 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU050698.D
Acq: 09 Sep 2022 11:38

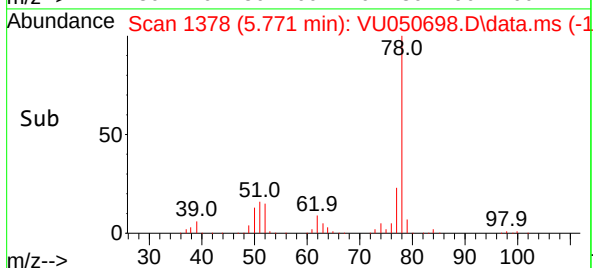
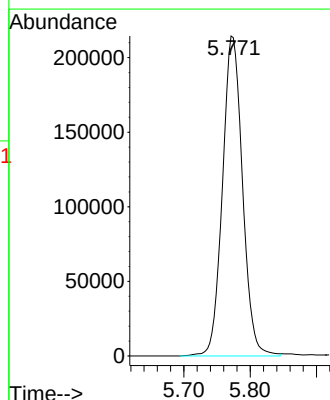
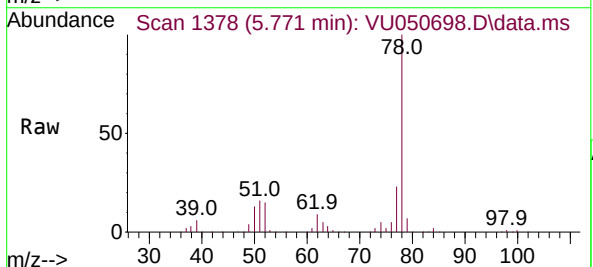
Instrument :
MSVOA_U
ClientSampleId :

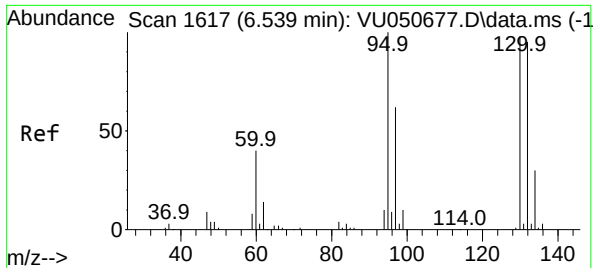
Tgt Ion:117 Resp: 139461
Ion Ratio Lower Upper
117 100
119 97.0 77.4 116.2



#33
Benzene
Concen: 49.227 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VU050698.D
Acq: 09 Sep 2022 11:38

Tgt Ion: 78 Resp: 450778

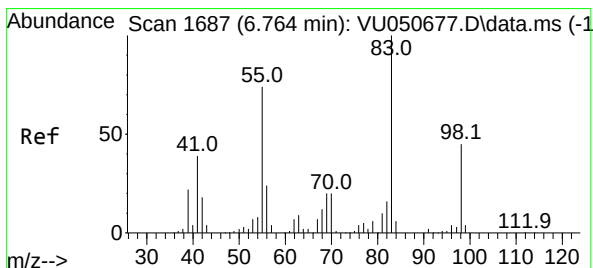
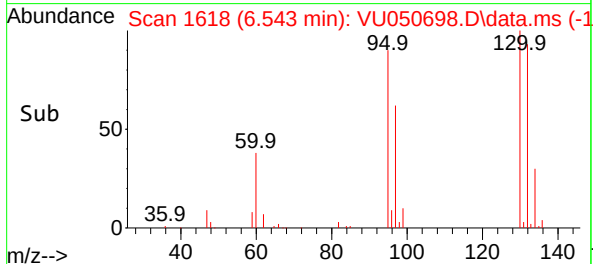
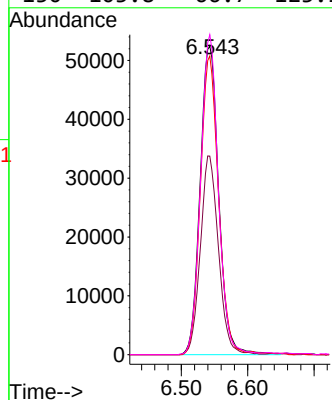
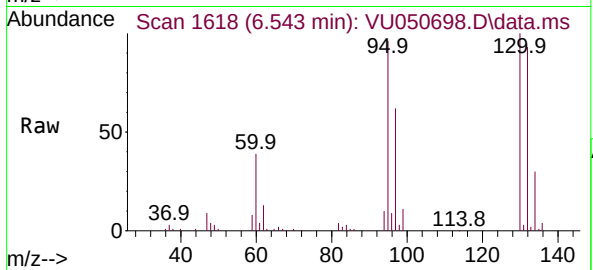




#34
Trichloroethene
Concen: 48.021 ug/L
RT: 6.543 min Scan# 1617
Delta R.T. 0.004 min
Lab File: VU050698.D
Acq: 09 Sep 2022 11:38

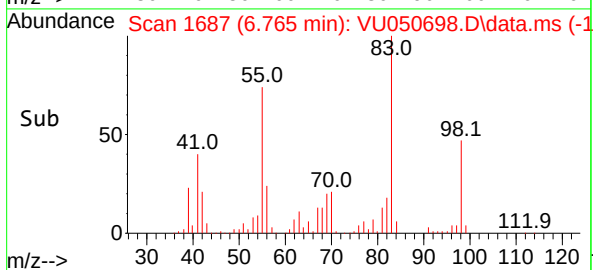
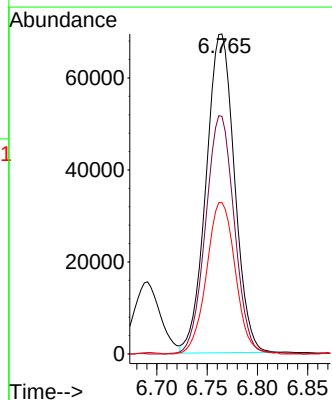
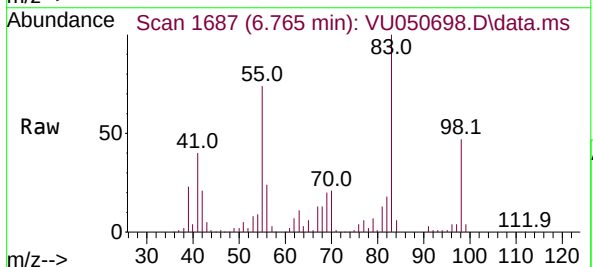
Instrument :
MSVOA_U
ClientSampleId :

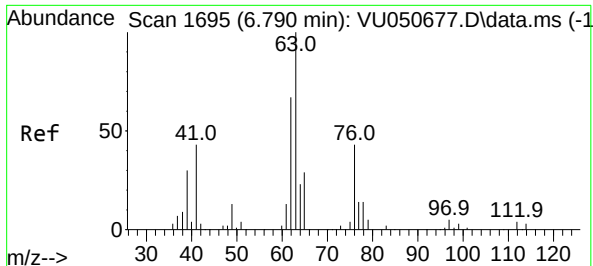
Tgt Ion: 95 Resp: 102461
Ion Ratio Lower Upper
95 100
97 64.4 45.4 84.2
132 96.9 65.2 121.2
130 103.8 66.7 123.9



#35
Methylcyclohexane
Concen: 40.212 ug/L
RT: 6.765 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VU050698.D
Acq: 09 Sep 2022 11:38

Tgt Ion: 83 Resp: 136406
Ion Ratio Lower Upper
83 100
55 75.6 62.6 93.8
98 48.0 35.5 53.3





#37

1,2-Dichloropropane

Concen: 49.611 ug/L

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU050698.D

Acq: 09 Sep 2022 11:38

Instrument :

MSVOA_U

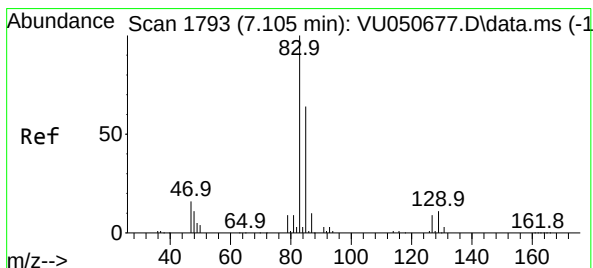
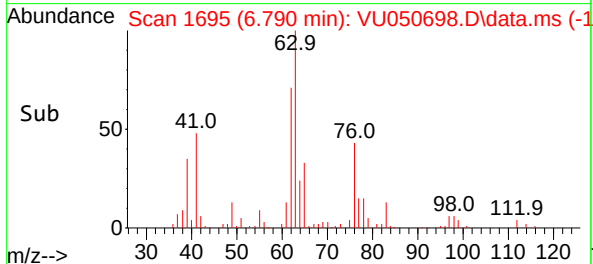
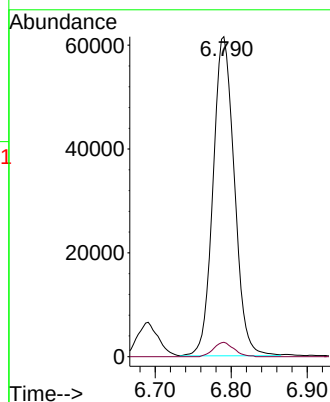
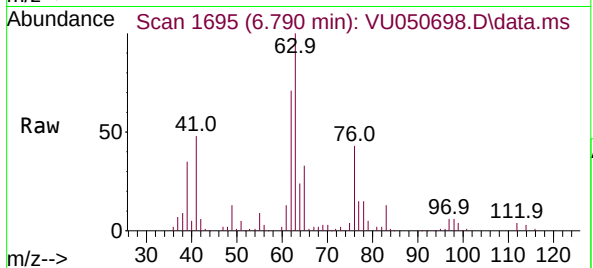
ClientSampleId :

Tgt Ion: 63 Resp: 119997

Ion Ratio Lower Upper

63 100

112 4.3 3.0 4.4



#38

Bromodichloromethane

Concen: 55.495 ug/L

RT: 7.106 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU050698.D

Acq: 09 Sep 2022 11:38

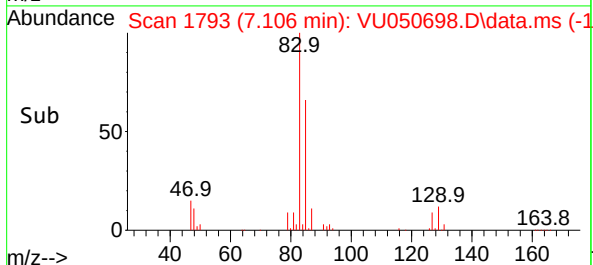
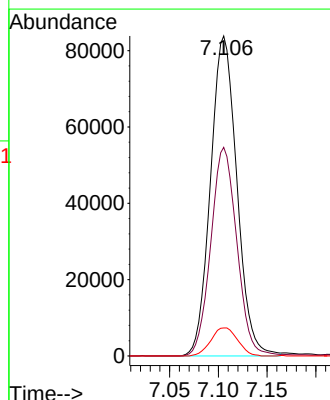
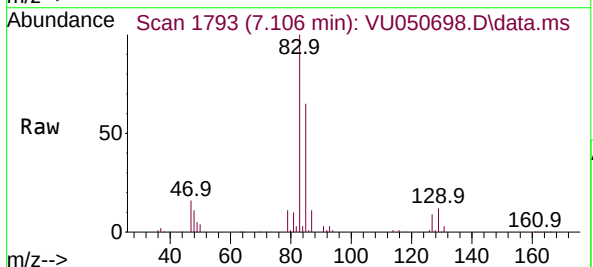
Tgt Ion: 83 Resp: 157898

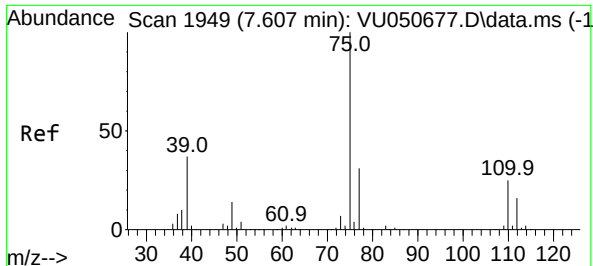
Ion Ratio Lower Upper

83 100

85 65.2 44.9 83.5

127 8.8 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 50.570 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU050698.D

Acq: 09 Sep 2022 11:38

Instrument :

MSVOA_U

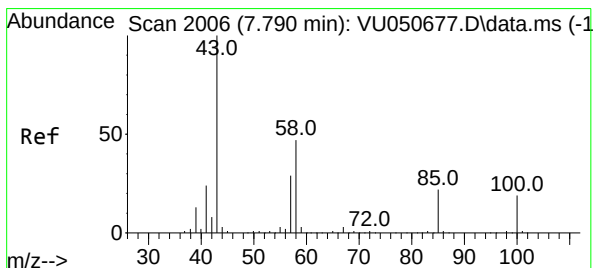
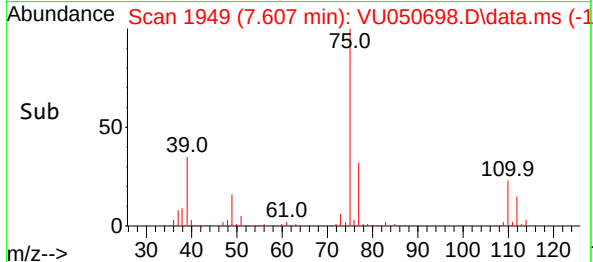
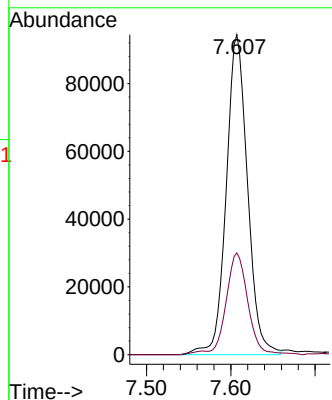
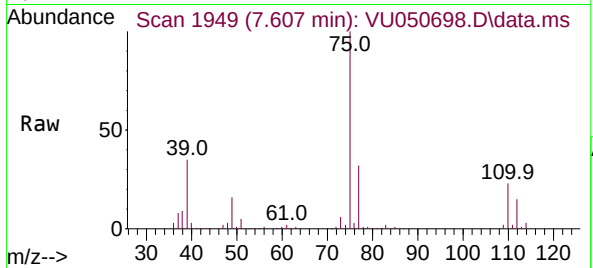
ClientSampleId :

Tgt Ion: 75 Resp: 165567

Ion Ratio Lower Upper

75 100

77 31.8 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 101.335 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VU050698.D

Acq: 09 Sep 2022 11:38

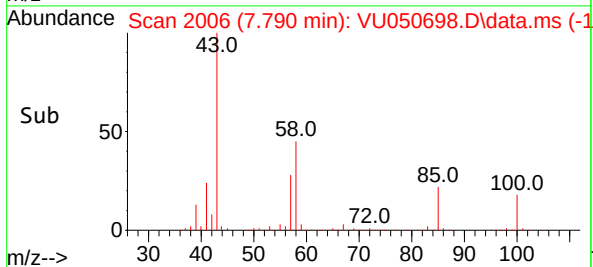
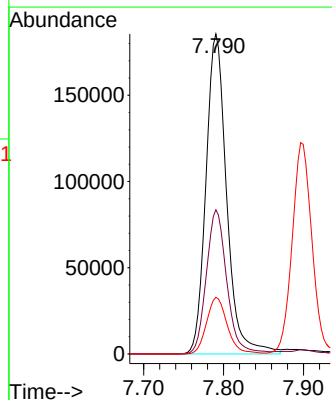
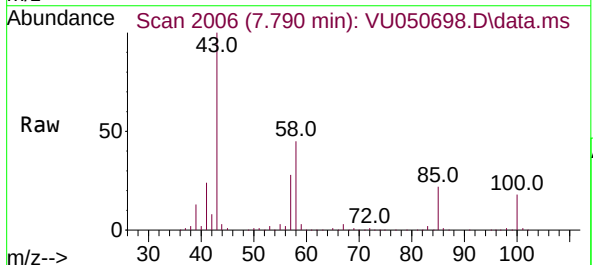
Tgt Ion: 43 Resp: 334013

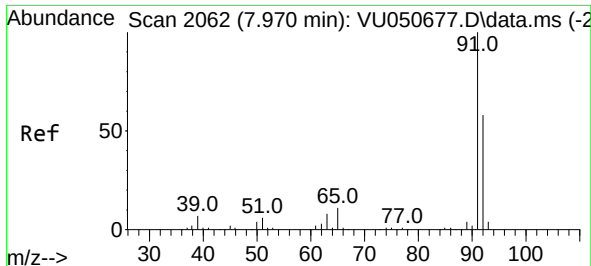
Ion Ratio Lower Upper

43 100

58 44.6 35.1 52.7

100 17.8 12.9 19.3





#42

Toluene

Concen: 49.848 ug/L

RT: 7.967 min Scan# 2062

Delta R.T. -0.003 min

Lab File: VU050698.D

Acq: 09 Sep 2022 11:38

Instrument :

MSVOA_U

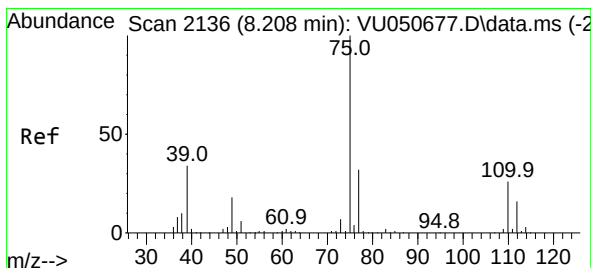
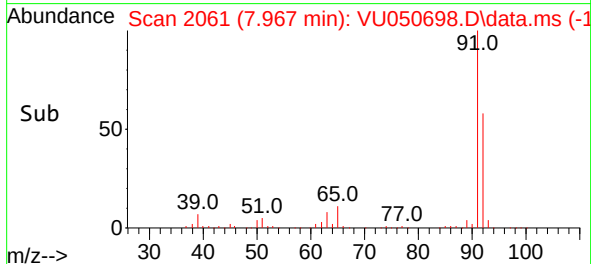
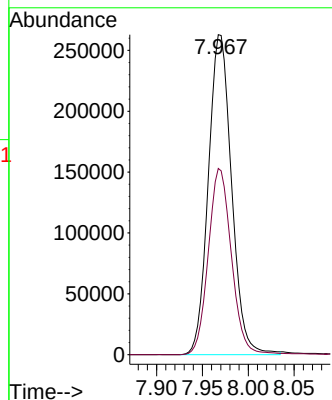
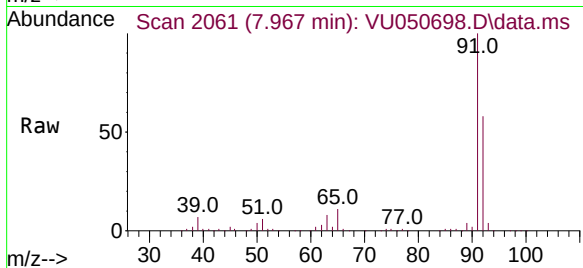
ClientSampleId :

Tgt Ion: 91 Resp: 463666

Ion Ratio Lower Upper

91 100

92 58.2 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 53.661 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. 0.000 min

Lab File: VU050698.D

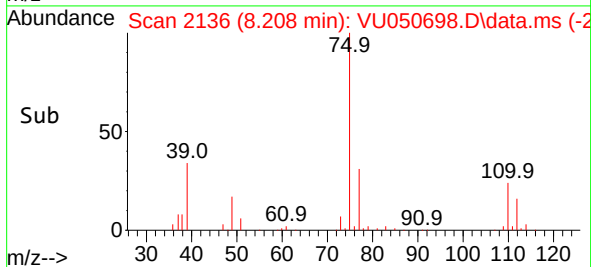
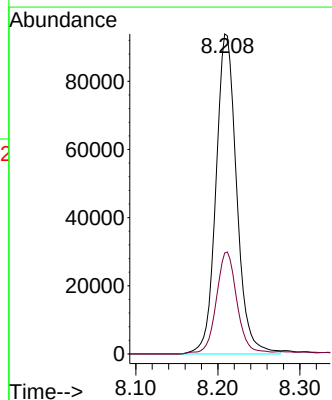
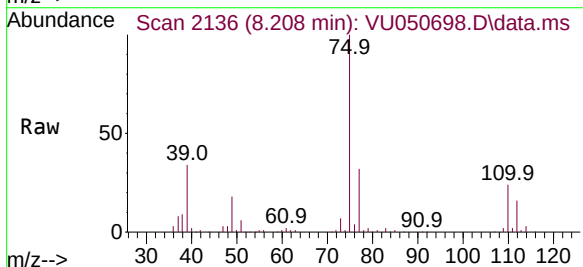
Acq: 09 Sep 2022 11:38

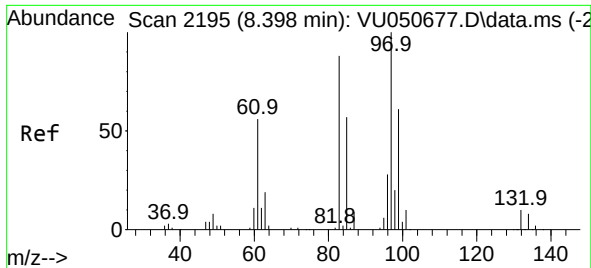
Tgt Ion: 75 Resp: 164835

Ion Ratio Lower Upper

75 100

77 31.5 22.1 41.1

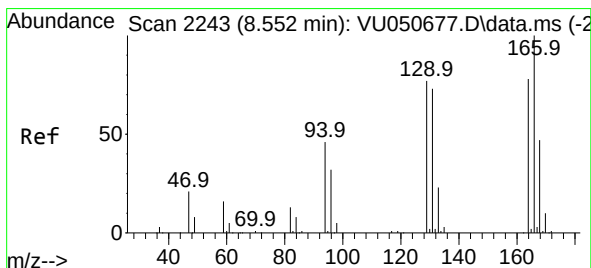
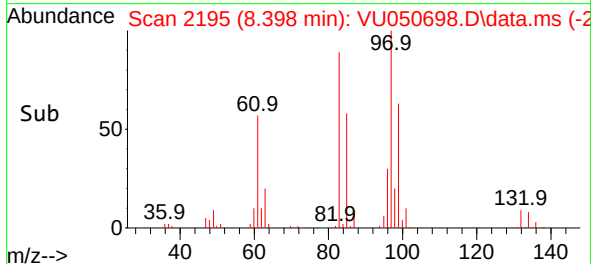
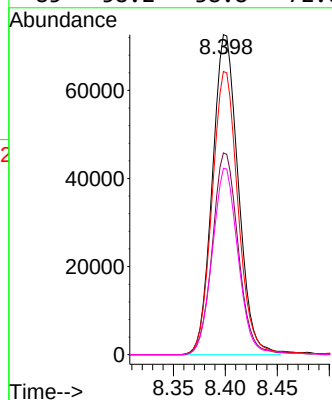
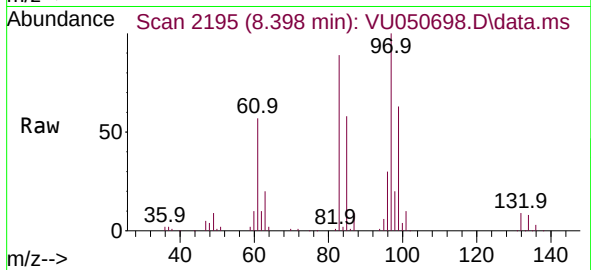




#45
1,1,2-Trichloroethane
Concen: 54.193 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. 0.000 min
Lab File: VU050698.D
Acq: 09 Sep 2022 11:38

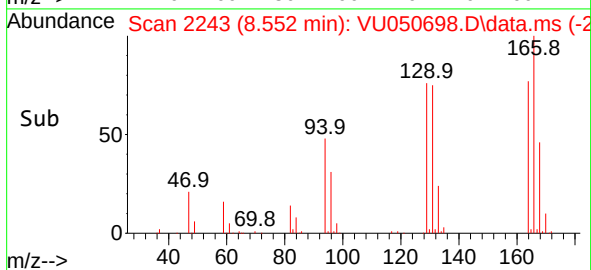
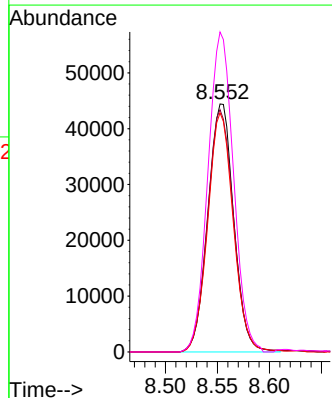
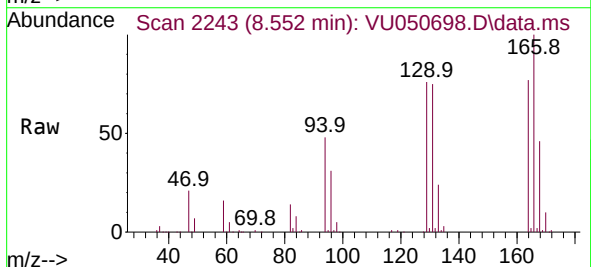
Instrument :
MSVOA_U
ClientSampleId :

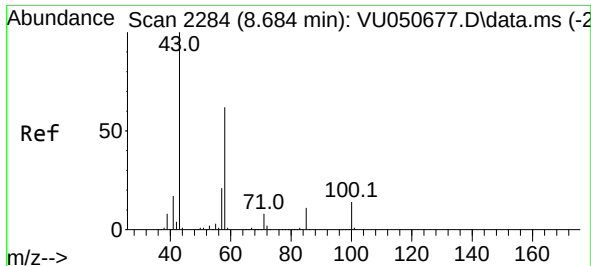
Tgt Ion:	97	Resp:	125920
Ion	Ratio	Lower	Upper
97	100		
99	63.1	43.5	80.9
83	88.5	61.6	114.4
85	58.2	38.8	72.0



#46
Tetrachloroethene
Concen: 49.242 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU050698.D
Acq: 09 Sep 2022 11:38

Tgt Ion:	164	Resp:	76740
Ion	Ratio	Lower	Upper
164	100		
129	97.7	68.7	127.5
131	96.4	66.2	123.0
166	129.1	87.7	162.9

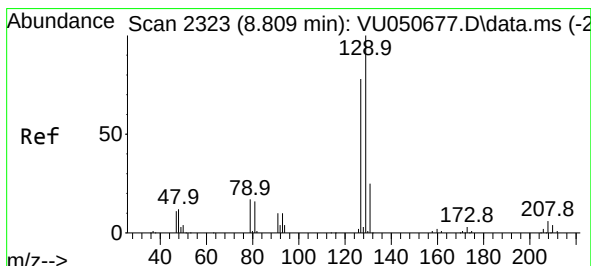
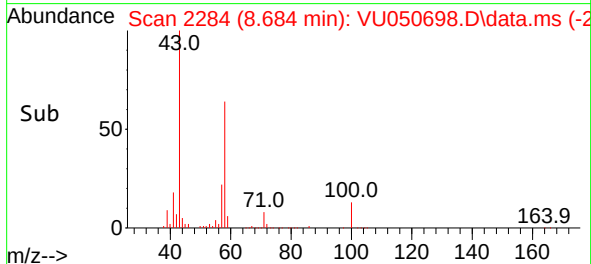
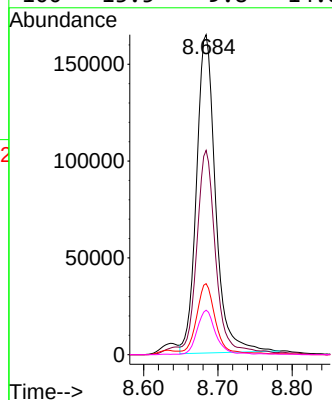
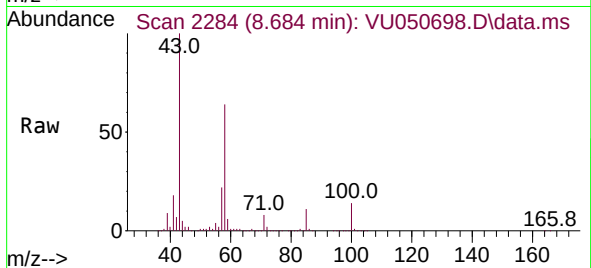




#48
2-Hexanone
Concen: 95.503 ug/L
RT: 8.684 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050698.D
Acq: 09 Sep 2022 11:38

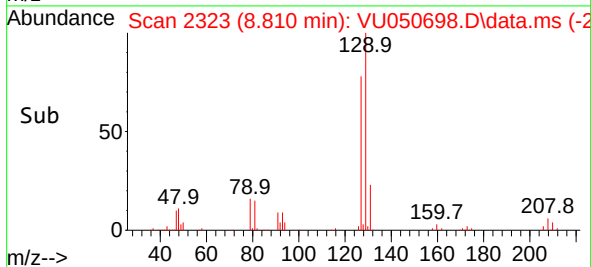
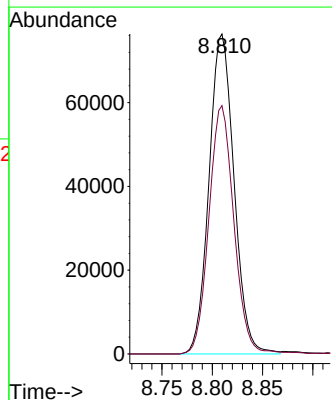
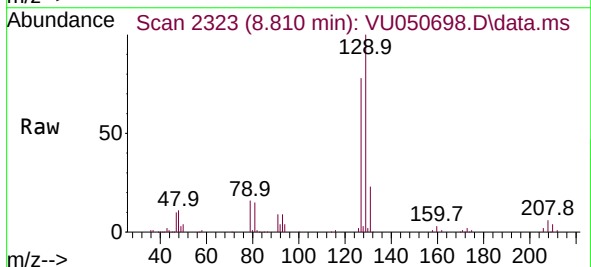
Instrument :
MSVOA_U
ClientSampleId :

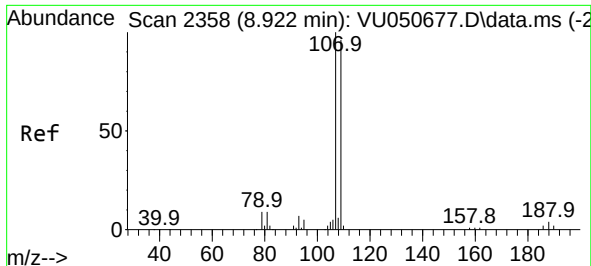
Tgt Ion: 43 Resp: 293779
Ion Ratio Lower Upper
43 100
58 61.0 51.8 77.6
57 21.0 17.0 25.4
100 13.5 9.8 14.8



#49
Dibromochloromethane
Concen: 59.726 ug/L
RT: 8.810 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU050698.D
Acq: 09 Sep 2022 11:38

Tgt Ion: 129 Resp: 132364
Ion Ratio Lower Upper
129 100
127 77.6 53.8 100.0

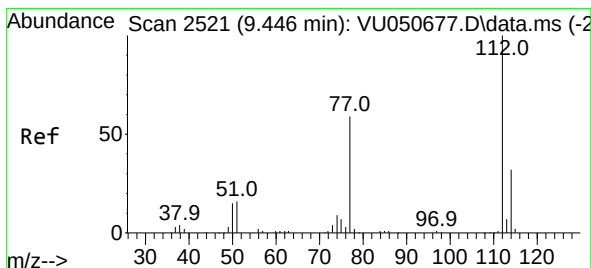
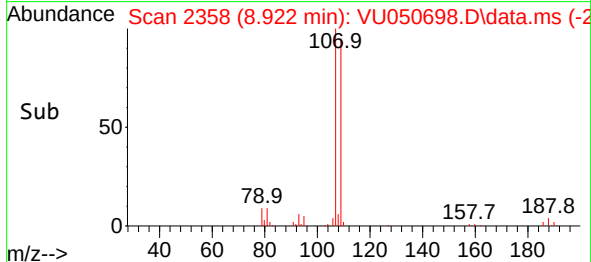
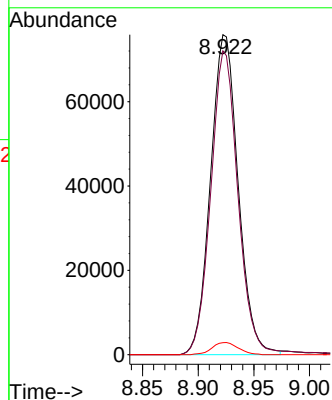
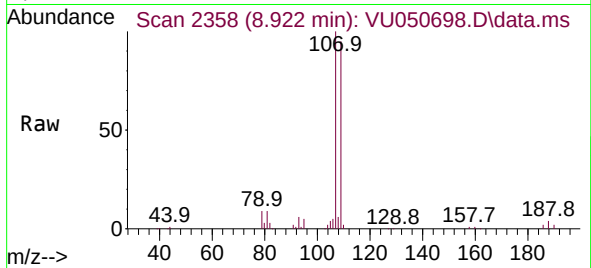




#50
1,2-Dibromoethane
Concen: 55.489 ug/L
RT: 8.922 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050698.D
Acq: 09 Sep 2022 11:38

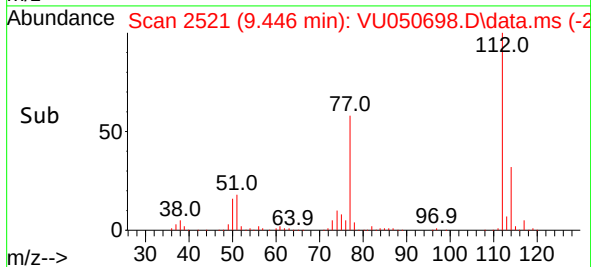
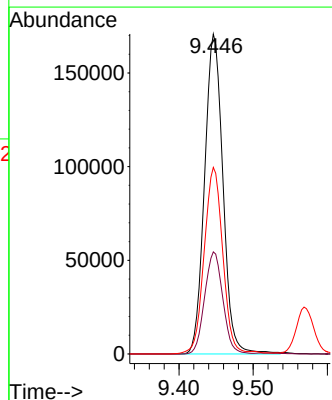
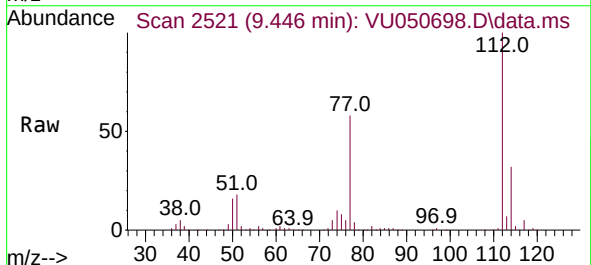
Instrument :
MSVOA_U
ClientSampleId :

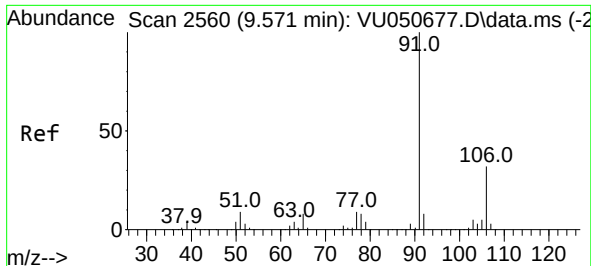
Tgt Ion:107 Resp: 131121
Ion Ratio Lower Upper
107 100
109 95.0 67.5 125.4
188 3.7 2.5 3.7#



#51
Chlorobenzene
Concen: 50.874 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU050698.D
Acq: 09 Sep 2022 11:38

Tgt Ion:112 Resp: 293686
Ion Ratio Lower Upper
112 100
114 31.9 22.1 41.1
77 58.3 49.2 73.8

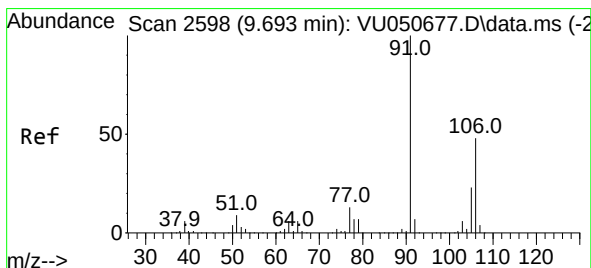
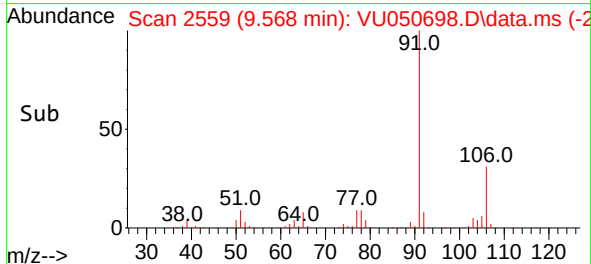
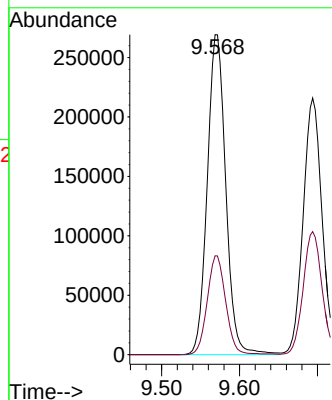
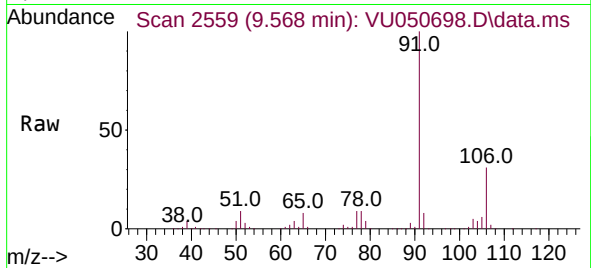




#52
Ethylbenzene
Concen: 48.367 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.003 min
Lab File: VU050698.D
Acq: 09 Sep 2022 11:38

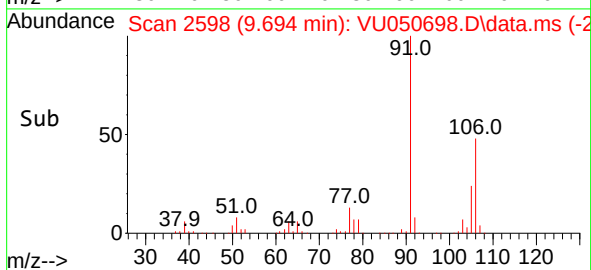
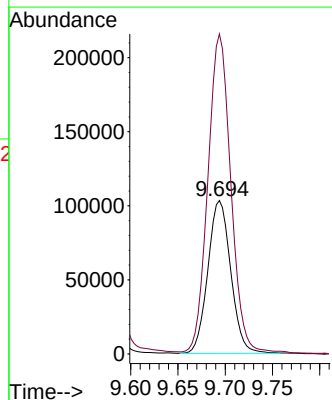
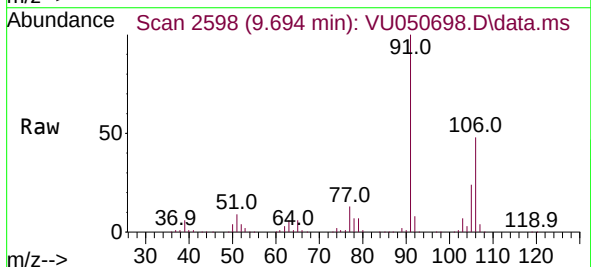
Instrument :
MSVOA_U
ClientSampleId :

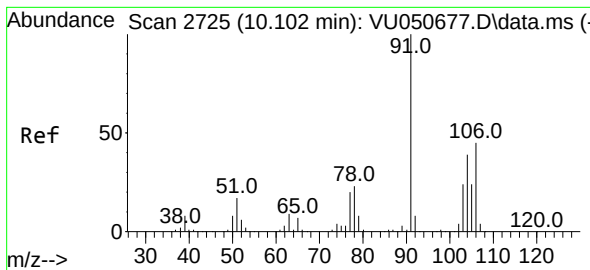
Tgt Ion: 91 Resp: 444437
Ion Ratio Lower Upper
91 100
106 30.9 21.2 39.4



#53
m,p-Xylene
Concen: 49.482 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU050698.D
Acq: 09 Sep 2022 11:38

Tgt Ion:106 Resp: 174197
Ion Ratio Lower Upper
106 100
91 208.6 147.1 273.3





#54

o-Xylene

Concen: 51.496 ug/L

RT: 10.099 min Scan# 2724

Delta R.T. -0.003 min

Lab File: VU050698.D

Acq: 09 Sep 2022 11:38

Instrument :

MSVOA_U

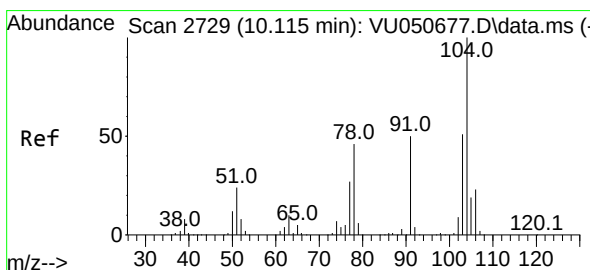
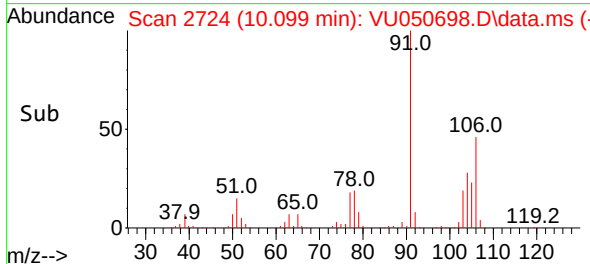
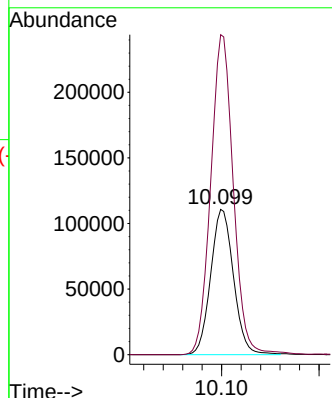
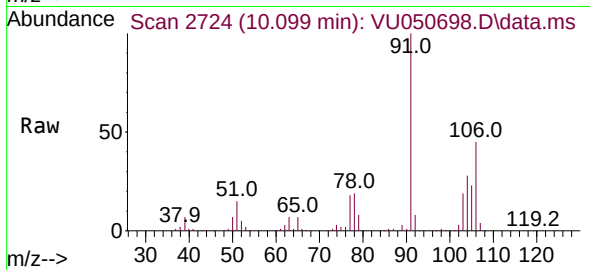
ClientSampleId :

Tgt Ion:106 Resp: 180490

Ion Ratio Lower Upper

106 100

91 220.2 153.4 284.8



#55

Styrene

Concen: 54.682 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. 0.000 min

Lab File: VU050698.D

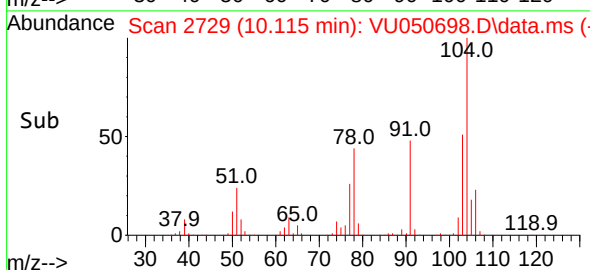
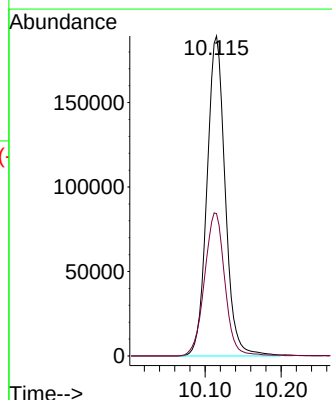
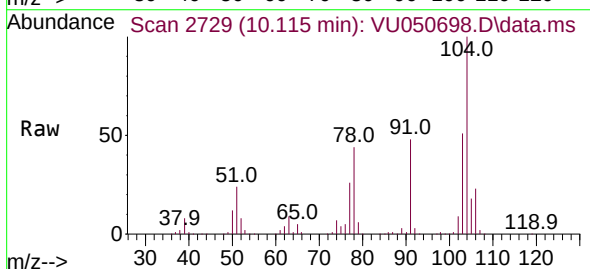
Acq: 09 Sep 2022 11:38

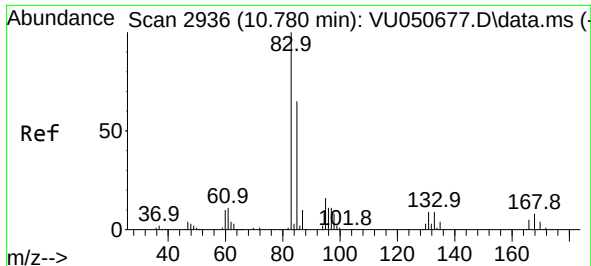
Tgt Ion:104 Resp: 315341

Ion Ratio Lower Upper

104 100

78 44.5 32.8 60.8

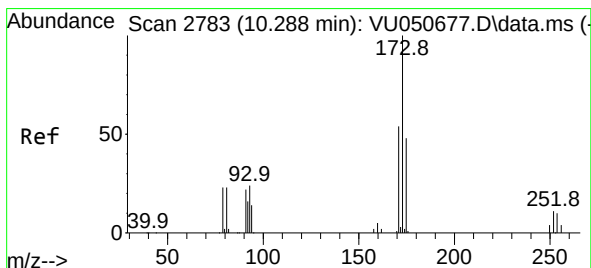
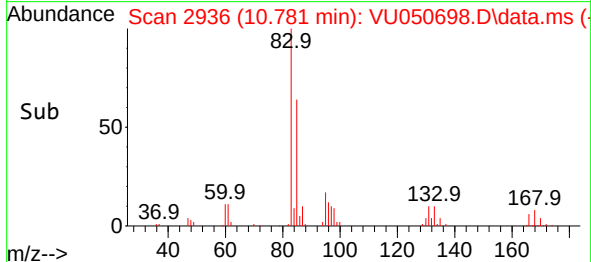
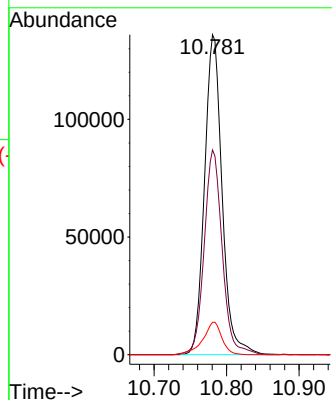
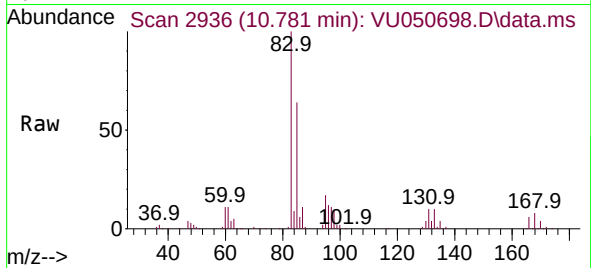




#57
 1,1,2,2-Tetrachloroethane
 Concen: 55.271 ug/L
 RT: 10.781 min Scan# 2936
 Delta R.T. 0.000 min
 Lab File: VU050698.D
 Acq: 09 Sep 2022 11:38

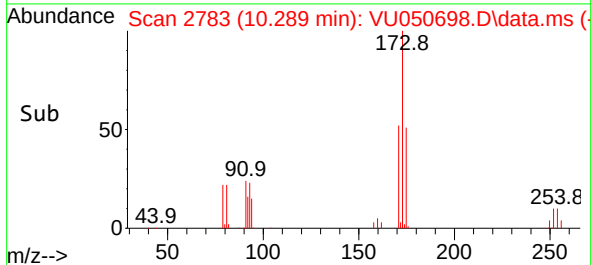
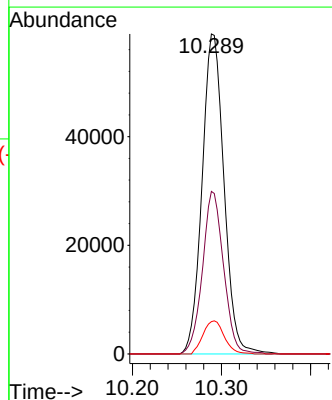
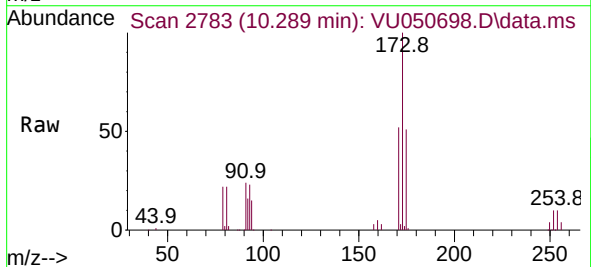
Instrument :
 MSVOA_U
 ClientSampleId :

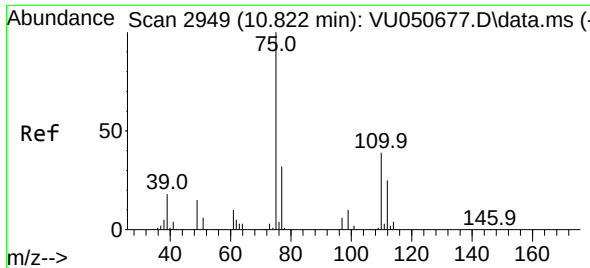
Tgt Ion: 83 Resp: 228756
 Ion Ratio Lower Upper
 83 100
 85 64.0 45.5 84.5
 131 10.1 7.7 11.5



#59
 Bromoform
 Concen: 56.145 ug/L
 RT: 10.289 min Scan# 2783
 Delta R.T. 0.000 min
 Lab File: VU050698.D
 Acq: 09 Sep 2022 11:38

Tgt Ion:173 Resp: 100623
 Ion Ratio Lower Upper
 173 100
 175 49.0 40.0 60.0
 254 10.1 7.4 11.0

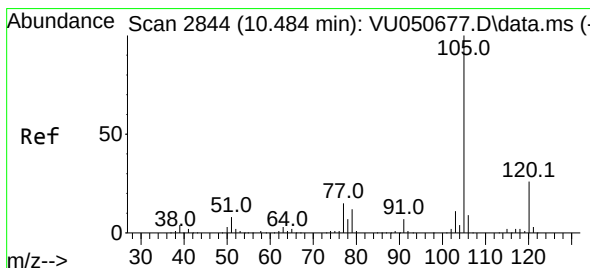
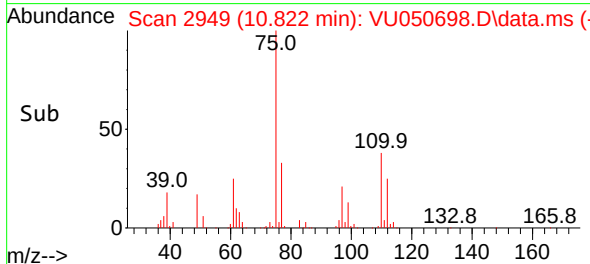
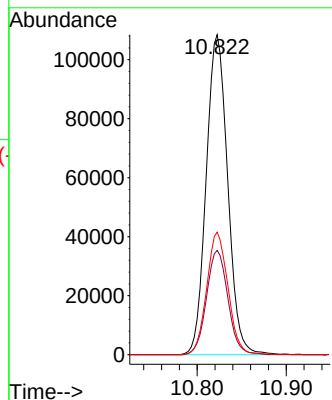
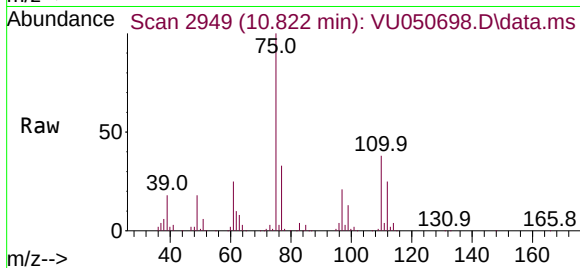




#60
1,2,3-Trichloropropane
Concen: 51.487 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU050698.D
Acq: 09 Sep 2022 11:38

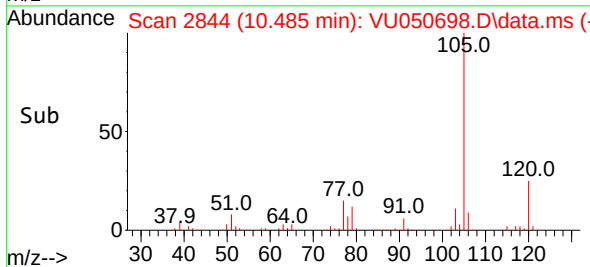
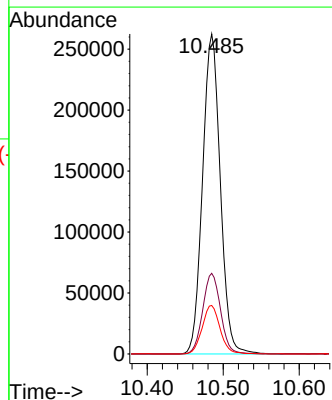
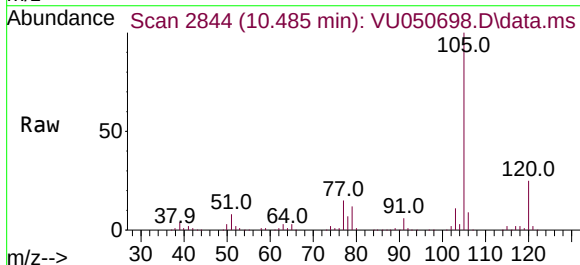
Instrument :
MSVOA_U
ClientSampleId :

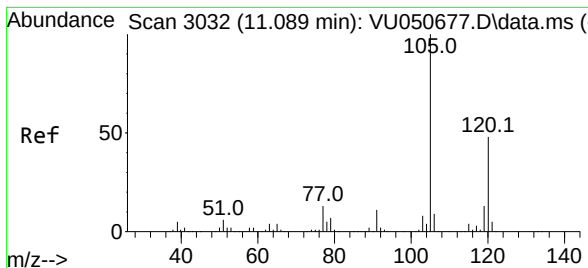
Tgt Ion: 75 Resp: 181464
Ion Ratio Lower Upper
75 100
77 32.5 25.8 38.8
110 37.9 29.3 43.9



#61
Isopropylbenzene
Concen: 44.709 ug/L
RT: 10.485 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU050698.D
Acq: 09 Sep 2022 11:38

Tgt Ion: 105 Resp: 425095
Ion Ratio Lower Upper
105 100
120 25.4 20.4 30.6
77 15.3 12.8 19.2





#62

1,3,5-Trimethylbenzene

Concen: 44.174 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU050698.D

Acq: 09 Sep 2022 11:38

Instrument :

MSVOA_U

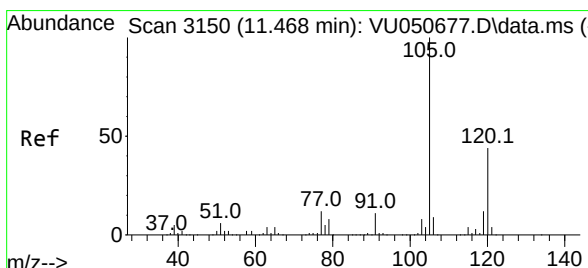
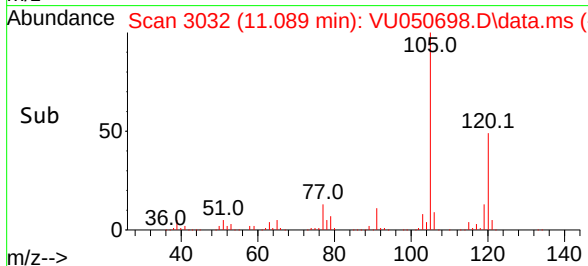
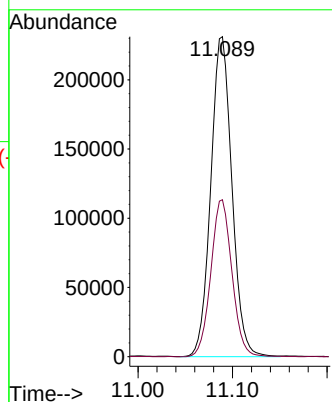
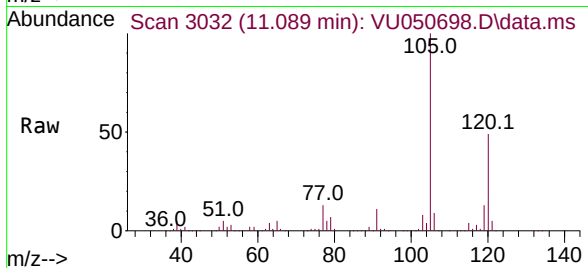
ClientSampleId :

Tgt Ion:105 Resp: 359072

Ion Ratio Lower Upper

105 100

120 48.9 37.7 56.5



#63

1,2,4-Trimethylbenzene

Concen: 46.062 ug/L

RT: 11.469 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU050698.D

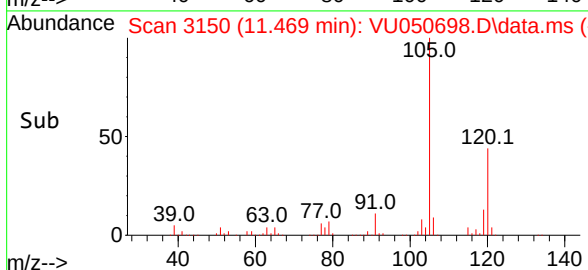
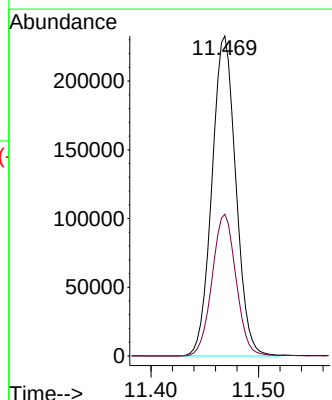
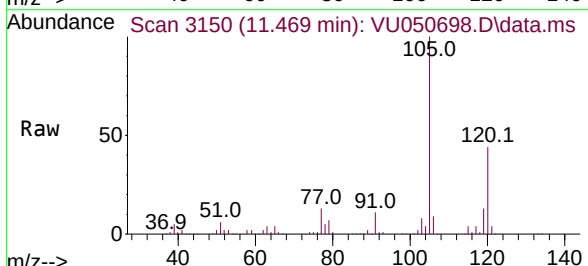
Acq: 09 Sep 2022 11:38

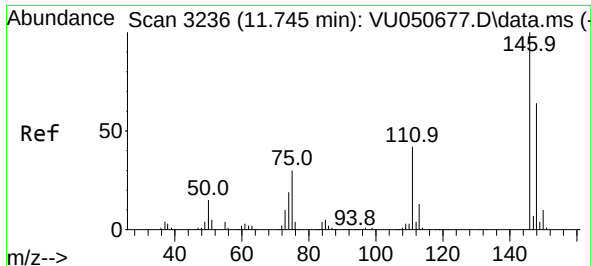
Tgt Ion:105 Resp: 359546

Ion Ratio Lower Upper

105 100

120 44.5 35.3 52.9

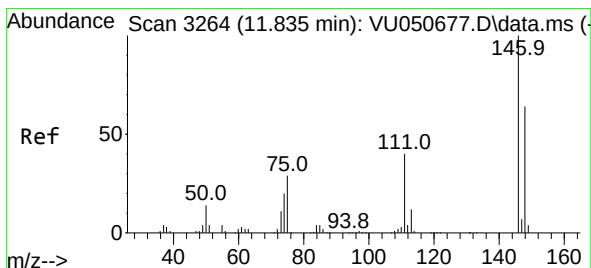
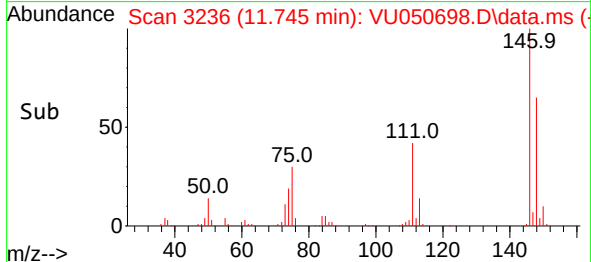
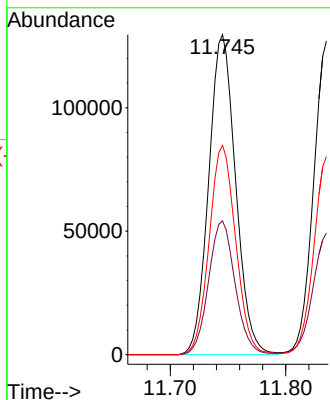
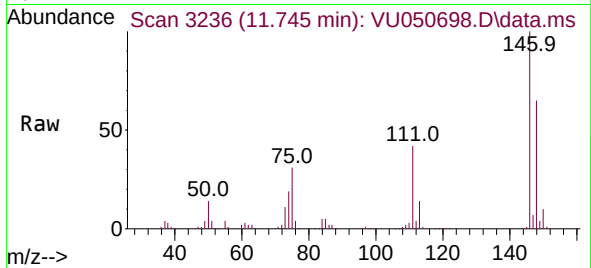




#64
1,3-Dichlorobenzene
Concen: 50.197 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. 0.000 min
Lab File: VU050698.D
Acq: 09 Sep 2022 11:38

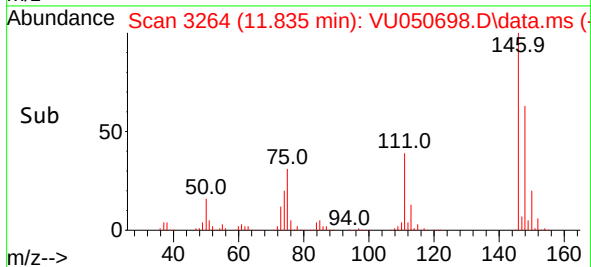
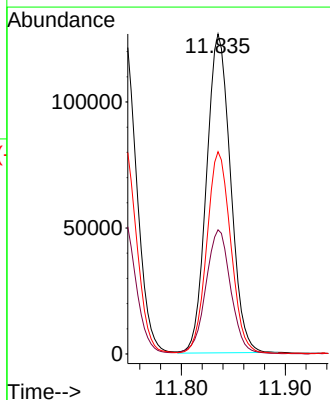
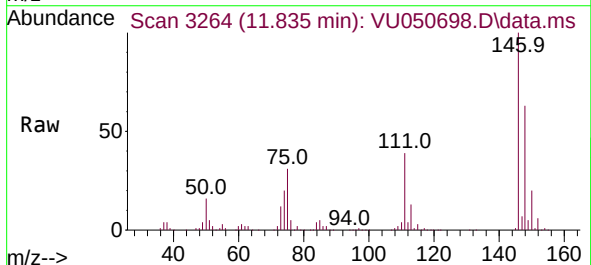
Instrument :
MSVOA_U
ClientSampleId :

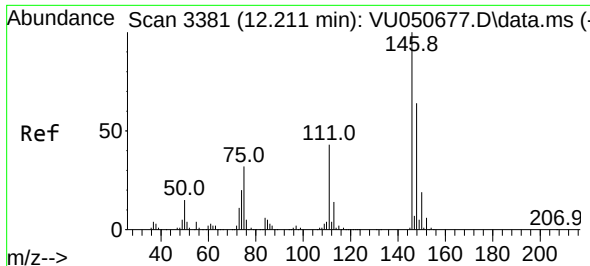
Tgt Ion:146 Resp: 210005
Ion Ratio Lower Upper
146 100
111 41.8 29.9 55.5
148 65.4 45.5 84.5



#65
1,4-Dichlorobenzene
Concen: 49.148 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU050698.D
Acq: 09 Sep 2022 11:38

Tgt Ion:146 Resp: 203243
Ion Ratio Lower Upper
146 100
111 38.8 27.9 51.7
148 63.2 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 50.277 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. 0.000 min

Lab File: VU050698.D

Acq: 09 Sep 2022 11:38

Instrument :

MSVOA_U

ClientSampleId :

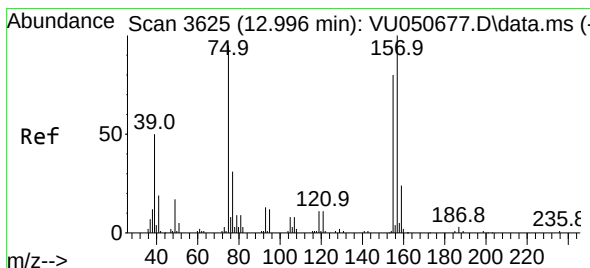
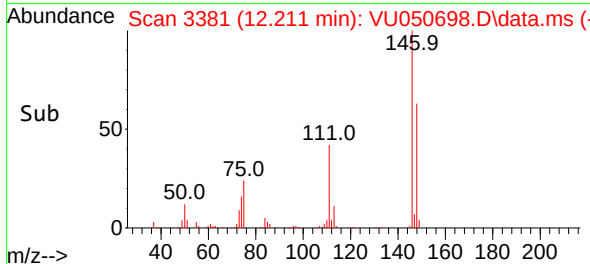
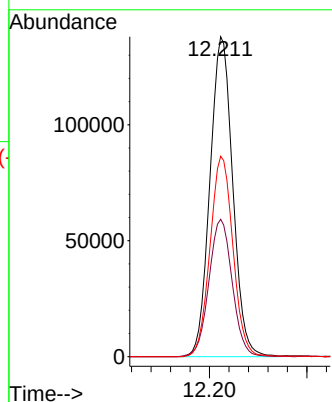
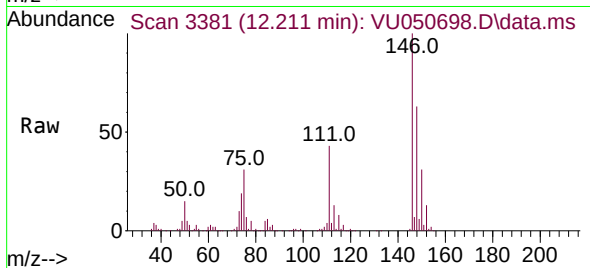
Tgt Ion:146 Resp: 224020

Ion Ratio Lower Upper

146 100

111 43.0 35.1 52.7

148 62.7 51.8 77.6



#68

1,2-Dibromo-3-chloropropane

Concen: 54.041 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. 0.000 min

Lab File: VU050698.D

Acq: 09 Sep 2022 11:38

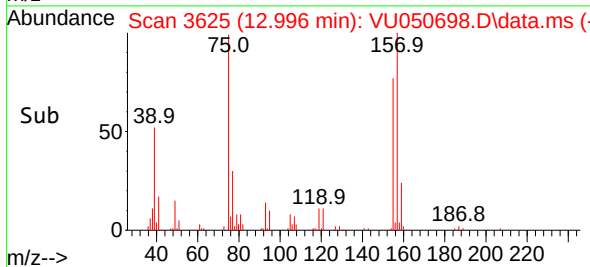
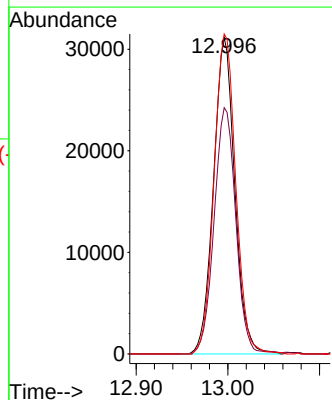
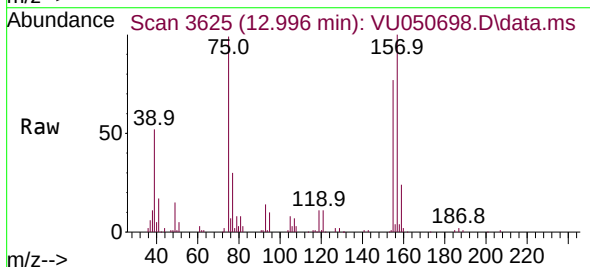
Tgt Ion: 75 Resp: 50297

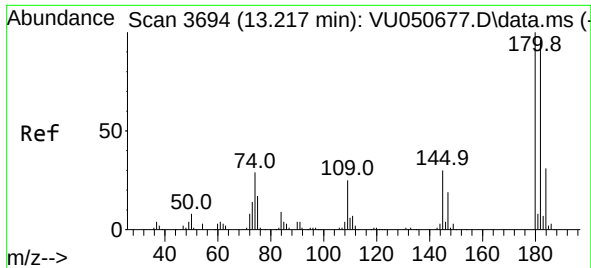
Ion Ratio Lower Upper

75 100

155 77.8 67.8 101.6

157 101.1 82.6 124.0





#69

1,3,5-Trichlorobenzene

Concen: 45.443 ug/L

RT: 13.218 min Scan# 3694

Delta R.T. 0.000 min

Lab File: VU050698.D

Acq: 09 Sep 2022 11:38

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 137970

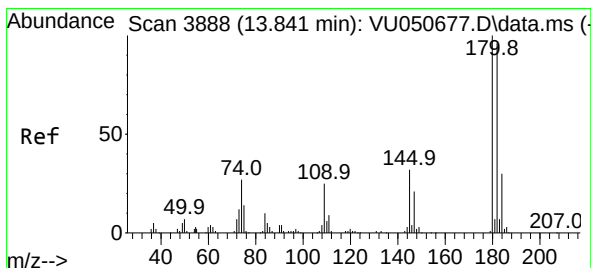
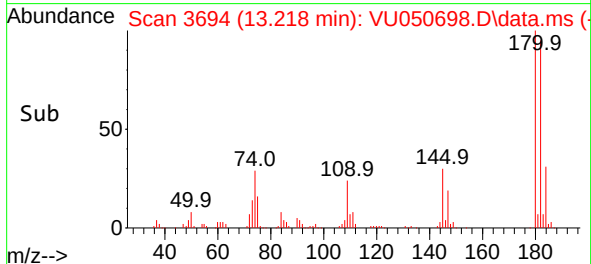
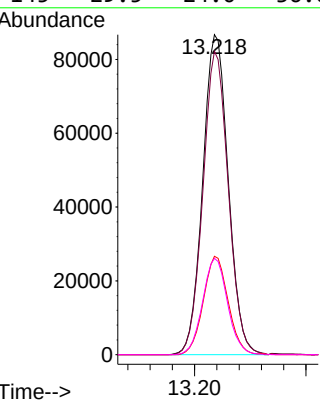
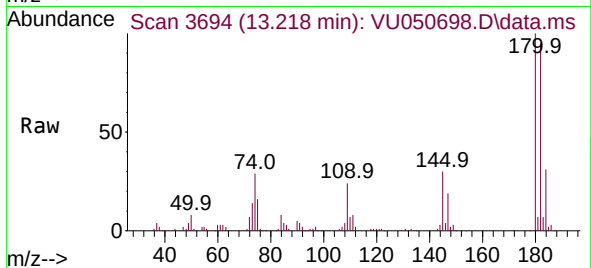
Ion Ratio Lower Upper

180 100

182 94.2 75.3 112.9

184 29.9 23.8 35.8

145 29.5 24.0 36.0



#70

1,2,4-trichlorobenzene

Concen: 38.623 ug/L

RT: 13.842 min Scan# 3888

Delta R.T. 0.000 min

Lab File: VU050698.D

Acq: 09 Sep 2022 11:38

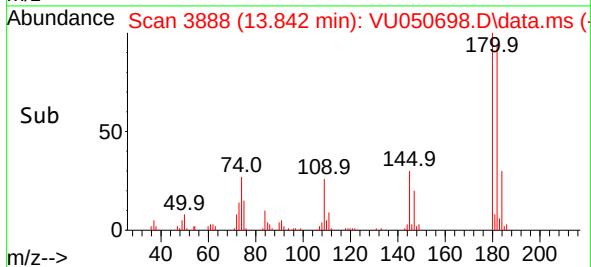
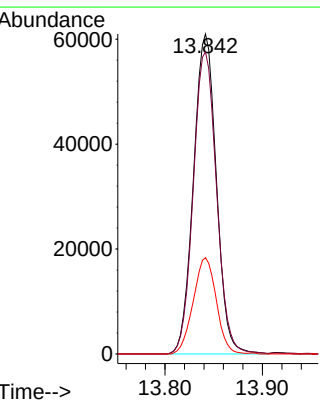
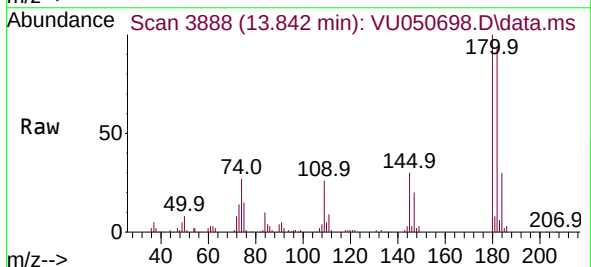
Tgt Ion:180 Resp: 99572

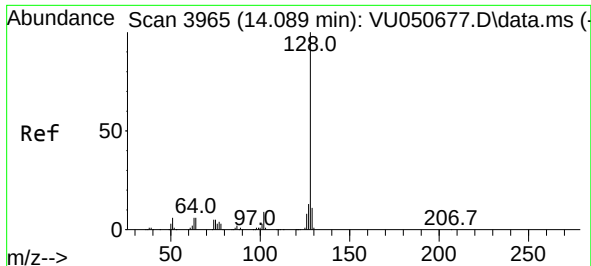
Ion Ratio Lower Upper

180 100

182 96.1 76.2 114.2

145 30.3 24.7 37.1

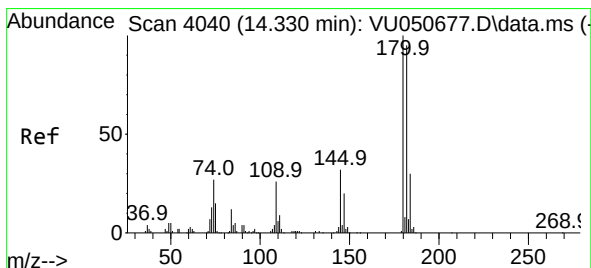
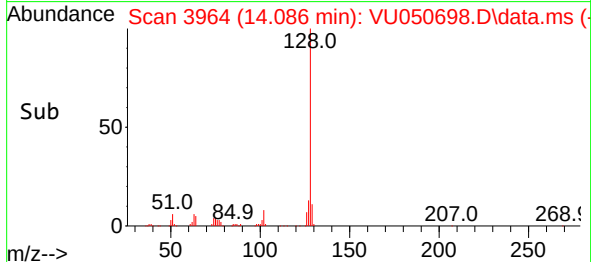
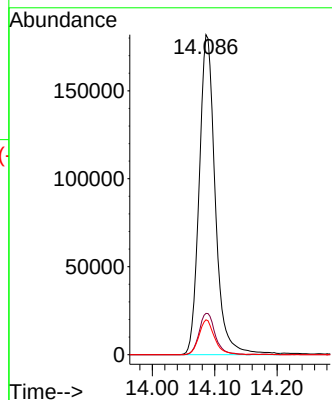
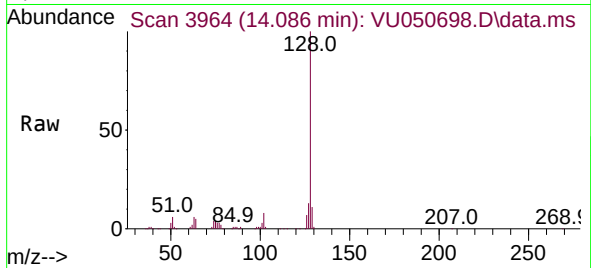




#71
Naphthalene
Concen: 35.641 ug/L
RT: 14.086 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VU050698.D
Acq: 09 Sep 2022 11:38

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 325776
Ion Ratio Lower Upper
128 100
127 12.9 10.1 15.1
129 10.6 8.4 12.6



#72
1,2,3-Trichlorobenzene
Concen: 40.038 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU050698.D
Acq: 09 Sep 2022 11:38

Tgt Ion:180 Resp: 111779
Ion Ratio Lower Upper
180 100
182 97.4 76.1 114.1
145 32.4 26.4 39.6

