

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112322\
 Data File : VU052109.D
 Acq On : 24 Nov 2022 00:40
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 24 04:17:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 24 04:13:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	234253	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	238498	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	122050	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	79651	3.496	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.000%
7) Chloroethane-d5	1.909	69	74529	4.211	ug/L	0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.200%
11) 1,1-Dichloroethene-d2	2.565	65	31045	3.801	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.000%
20) 2-Butanone-d5	4.616	46	207538	50.249	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.500%
24) Chloroform-d	5.060	84	159153	4.754	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
26) 1,2-Dichloroethane-d4	5.700	65	79828	4.721	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
32) Benzene-d6	5.726	84	317749	4.488	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
36) 1,2-Dichloropropane-d6	6.687	67	100949	4.607	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.200%
41) Toluene-d8	7.896	98	287375	4.486	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
43) trans-1,3-Dichloroprop...	8.179	79	34399	4.308	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.200%
46) 2-Hexanone-d5	8.629	63	182416	53.905	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.820%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	93667	4.930	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.600%
66) 1,2-Dichlorobenzene-d4	12.189	152	103071	4.411	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.200%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	96061	4.728	ug/L	99
3) Chloromethane	1.523	50	133093	5.019	ug/L	99
5) Vinyl chloride	1.604	62	128328	5.037	ug/L	96
6) Bromomethane	1.851	94	58365	4.465	ug/L	94
8) Chloroethane	1.932	64	82045	5.179	ug/L	95
9) Trichlorofluoromethane	2.137	101	134040	4.783	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	80002	4.669	ug/L	99
12) 1,1-Dichloroethene	2.578	96	82785	4.872	ug/L	89
13) Acetone	2.620	43	139661	49.796	ug/L	98
14) Carbon disulfide	2.793	76	278118	4.728	ug/L	99
15) Methyl Acetate	2.945	43	37466	5.150	ug/L	98
16) Methylene chloride	3.044	84	118873	5.171	ug/L	98
17) Methyl tert-butyl Ether	3.359	73	190703	5.013	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	91741	5.036	ug/L	98
19) 1,1-Dichloroethane	3.867	63	171319	5.218	ug/L	99
21) 2-Butanone	4.697	43	228372	50.803	ug/L	98
22) cis-1,2-Dichloroethene	4.665	96	98374	5.146	ug/L	97
23) Bromochloromethane	4.970	128	48497	5.302	ug/L	96
25) Chloroform	5.086	83	176599	5.308	ug/L	94

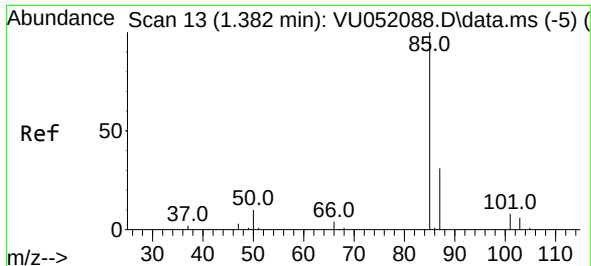
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112322\
 Data File : VU052109.D
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 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 24 04:17:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 24 04:13:15 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	106568	5.230	ug/L	100
29) 1,1,1-Trichloroethane	5.314	97	135197	5.109	ug/L	99
30) Cyclohexane	5.385	56	116538	4.536	ug/L	97
31) Carbon tetrachloride	5.523	117	108416	4.822	ug/L	99
33) Benzene	5.771	78	406329	5.235	ug/L	100
34) Trichloroethene	6.539	95	93980	4.854	ug/L	99
35) Methylcyclohexane	6.761	83	119009	4.273	ug/L	98
37) 1,2-Dichloropropane	6.787	63	106528	5.301	ug/L	99
38) Bromodichloromethane	7.102	83	123055	5.022	ug/L	98
39) cis-1,3-Dichloropropene	7.604	75	124667	4.832	ug/L	98
40) 4-Methyl-2-pentanone	7.787	43	554234	52.796	ug/L	100
42) Toluene	7.967	91	429113	5.375	ug/L	97
44) trans-1,3-Dichloropropene	8.208	75	108915	4.929	ug/L	97
45) 1,1,2-Trichloroethane	8.398	97	76915	5.093	ug/L	97
47) Tetrachloroethene	8.552	164	70221	4.733	ug/L	99
48) 2-Hexanone	8.681	43	416027	54.058	ug/L	99
49) Dibromochloromethane	8.806	129	84424	4.991	ug/L	96
50) 1,2-Dibromoethane	8.922	107	72093	5.241	ug/L	100
51) Chlorobenzene	9.446	112	260793	5.123	ug/L	99
52) Ethylbenzene	9.568	91	395448	5.095	ug/L	99
53) m,p-Xylene	9.693	106	157247	5.232	ug/L	98
54) o-Xylene	10.099	106	155893	5.412	ug/L	98
55) Styrene	10.111	104	267781	5.504	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.780	83	103094	5.466	ug/L	96
59) Bromoform	10.288	173	48001	4.775	ug/L	99
60) Isopropylbenzene	10.481	105	384446	5.015	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	68724	4.920	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	290303	4.737	ug/L	98
63) 1,2,4-Trimethylbenzene	11.465	105	300416	4.938	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	194178	4.960	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	188318	4.824	ug/L	100
67) 1,2-Dichlorobenzene	12.208	146	188808	5.009	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	14167	4.635	ug/L	96
69) 1,3,5-Trichlorobenzene	13.214	180	126042	4.541	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	94100	4.452	ug/L	98
71) Naphthalene	14.082	128	162662	4.099	ug/L	98
72) 1,2,3-Trichlorobenzene	14.327	180	94344	4.537	ug/L	98

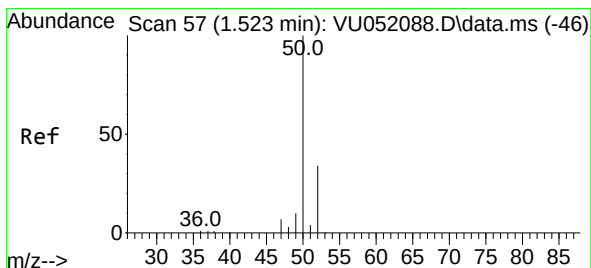
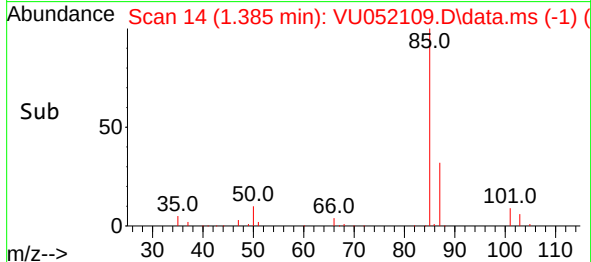
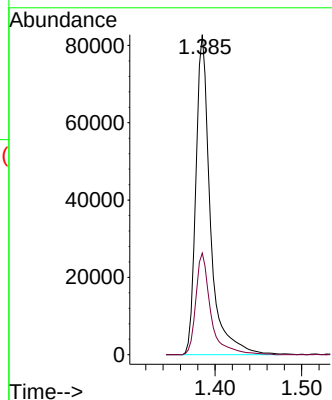
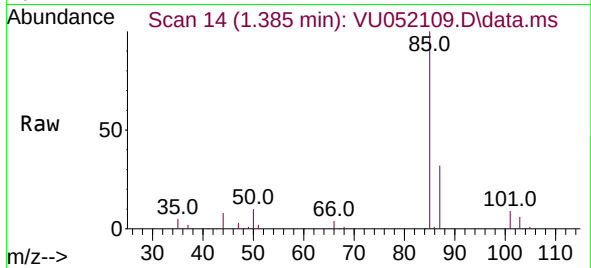
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.728 ug/L
 RT: 1.385 min Scan# 14
 Delta R.T. 0.003 min
 Lab File: VU052109.D
 Acq: 24 Nov 2022 00:40

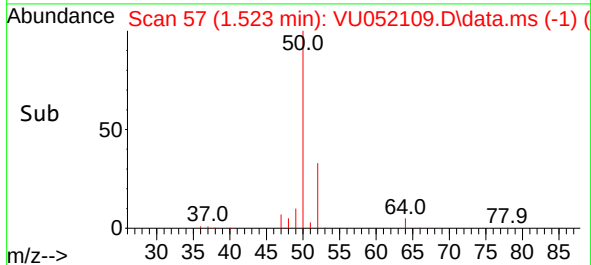
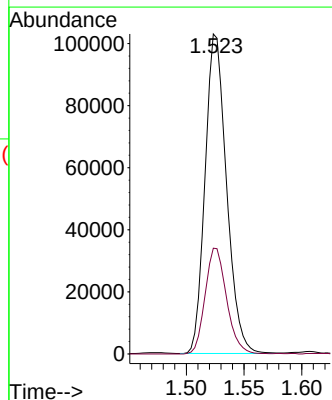
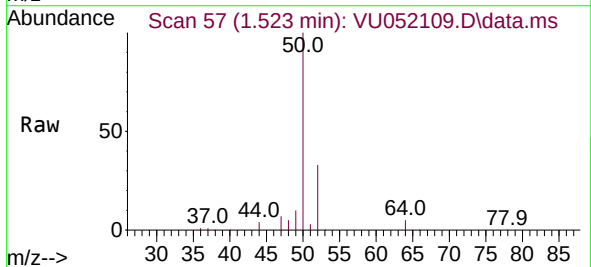
Instrument :
 MSVOA_U
 ClientSampleId :

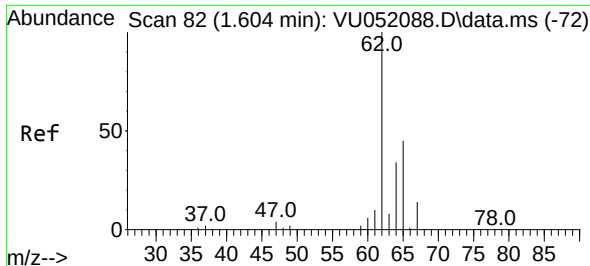
Tgt Ion: 85 Resp: 96061
 Ion Ratio Lower Upper
 85 100
 87 32.8 25.8 38.8



#3
 Chloromethane
 Concen: 5.019 ug/L
 RT: 1.523 min Scan# 57
 Delta R.T. -0.000 min
 Lab File: VU052109.D
 Acq: 24 Nov 2022 00:40

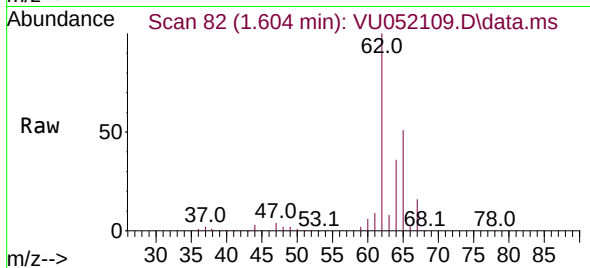
Tgt Ion: 50 Resp: 133093
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.4 43.4



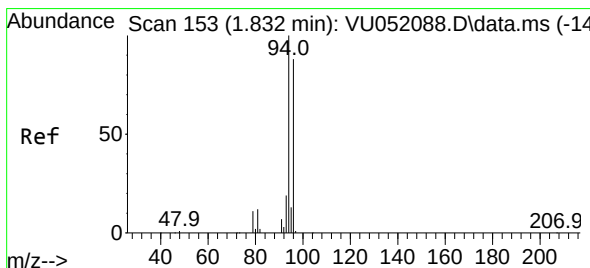
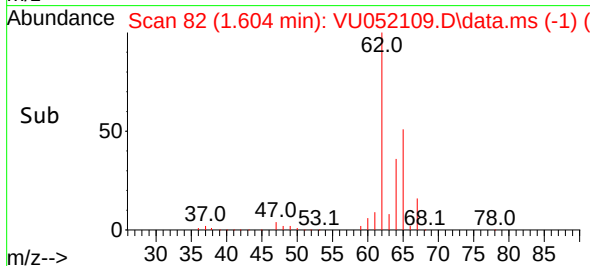
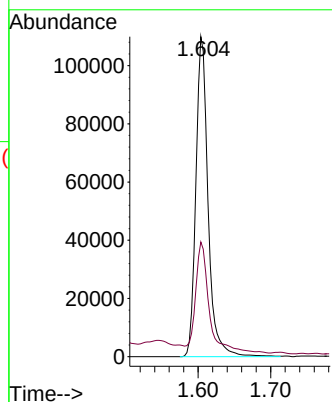


#5
 Vinyl chloride
 Concen: 5.037 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU052109.D
 Acq: 24 Nov 2022 00:40

Instrument :
 MSVOA_U
 ClientSampleId :

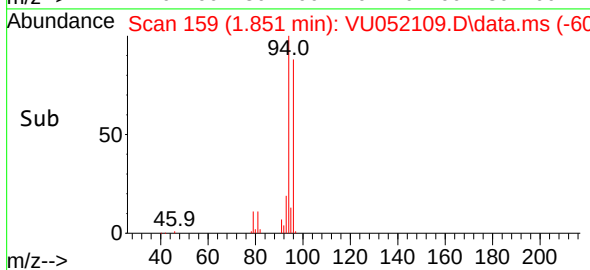
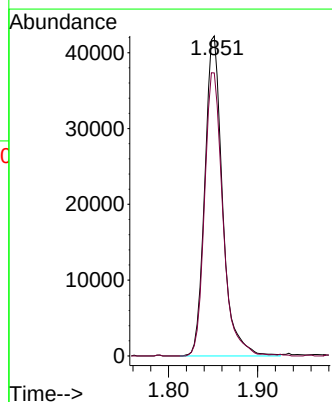
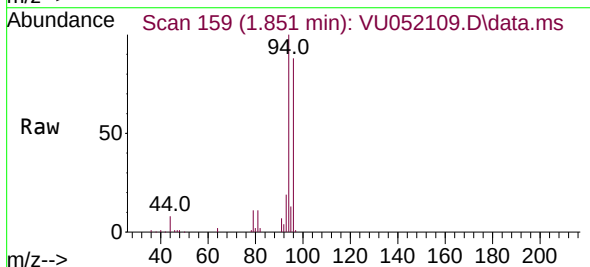


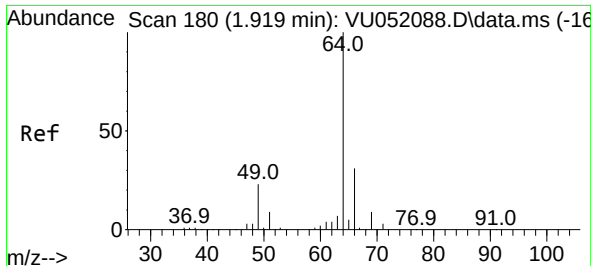
Tgt Ion: 62 Resp: 128328
 Ion Ratio Lower Upper
 62 100
 64 35.8 23.5 43.7



#6
 Bromomethane
 Concen: 4.465 ug/L
 RT: 1.851 min Scan# 159
 Delta R.T. 0.019 min
 Lab File: VU052109.D
 Acq: 24 Nov 2022 00:40

Tgt Ion: 94 Resp: 58365
 Ion Ratio Lower Upper
 94 100
 96 88.5 65.7 122.1

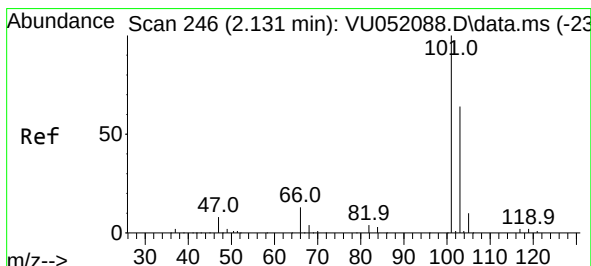
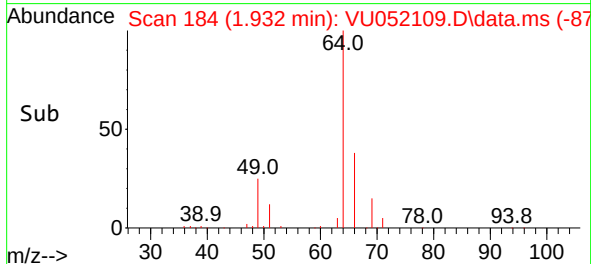
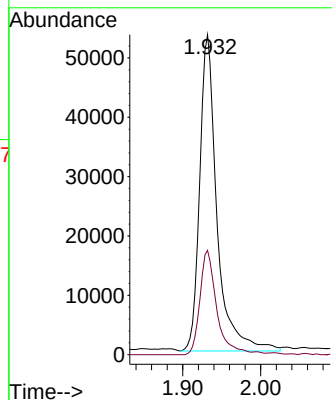
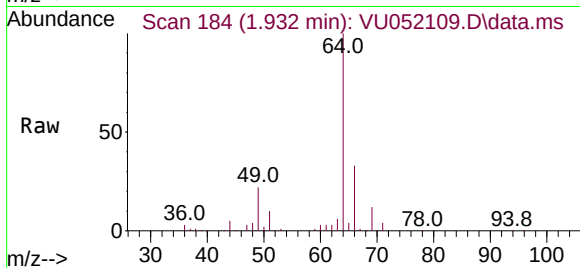




#8
Chloroethane
Concen: 5.179 ug/L
RT: 1.932 min Scan# 11
Delta R.T. 0.013 min
Lab File: VU052109.D
Acq: 24 Nov 2022 00:40

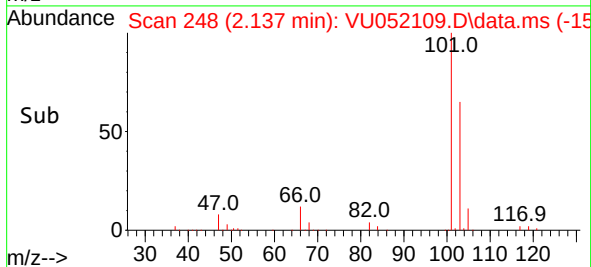
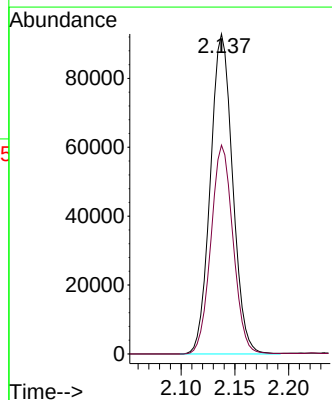
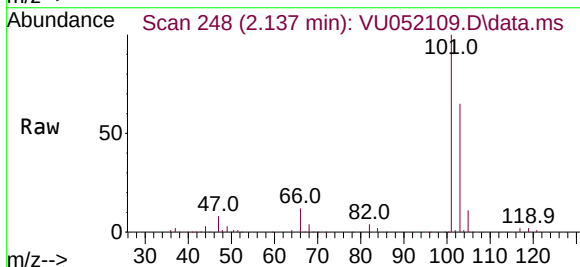
Instrument :
MSVOA_U
ClientSampleId :

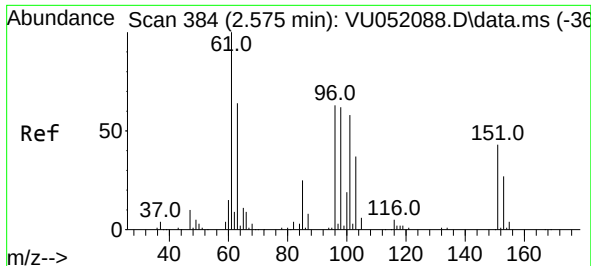
Tgt Ion: 64 Resp: 82045
Ion Ratio Lower Upper
64 100
66 32.6 21.1 39.1



#9
Trichlorofluoromethane
Concen: 4.783 ug/L
RT: 2.137 min Scan# 248
Delta R.T. 0.006 min
Lab File: VU052109.D
Acq: 24 Nov 2022 00:40

Tgt Ion:101 Resp: 134040
Ion Ratio Lower Upper
101 100
103 64.7 51.6 77.4





#10

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

Concen: 4.669 ug/L

RT: 2.581 min Scan# 386

Delta R.T. 0.006 min

Lab File: VU052109.D

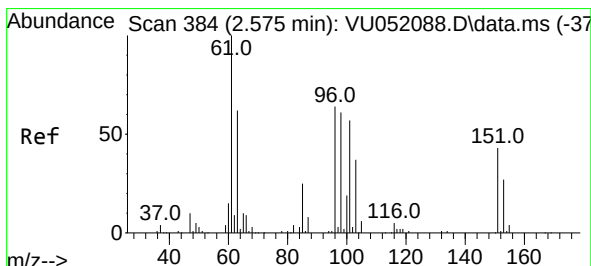
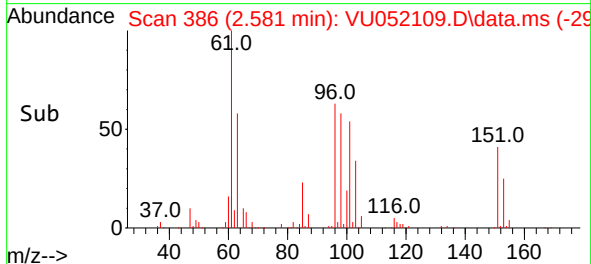
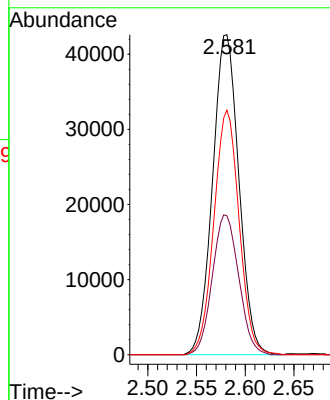
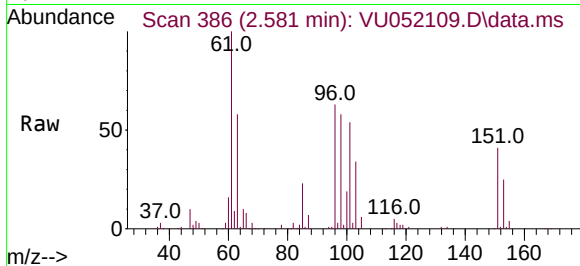
Acq: 24 Nov 2022 00:40

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	101	Resp:	80002
Ion Ratio	Lower	Upper	
101	100		
85	43.8	33.8	50.6
151	73.6	58.6	88.0



#12

1,1-Dichloroethene

Concen: 4.872 ug/L

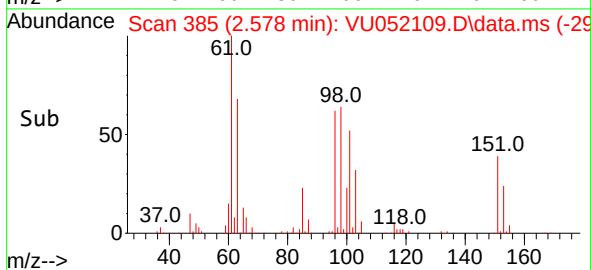
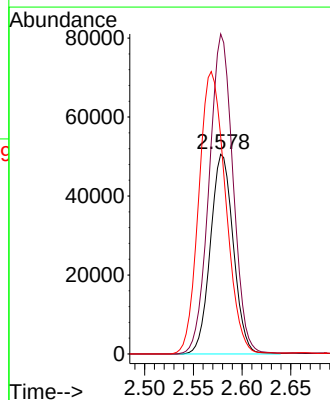
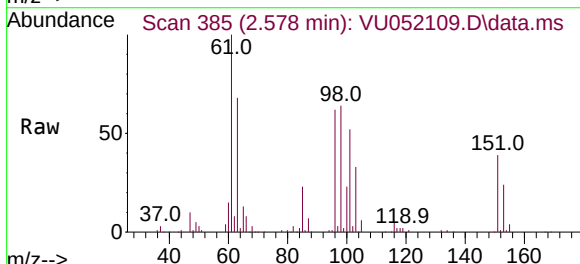
RT: 2.578 min Scan# 385

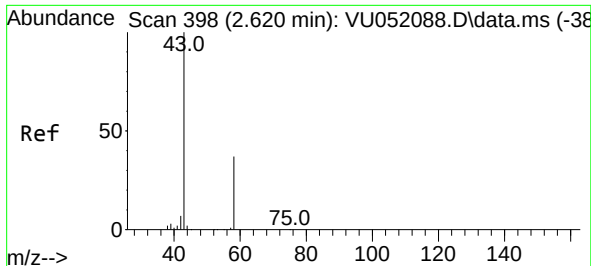
Delta R.T. 0.003 min

Lab File: VU052109.D

Acq: 24 Nov 2022 00:40

Tgt Ion:	96	Resp:	82785
Ion Ratio	Lower	Upper	
96	100		
61	160.3	114.8	213.2
63	108.9	93.7	174.1





#13

Acetone

Concen: 49.796 ug/L

RT: 2.620 min Scan# 398

Delta R.T. -0.000 min

Lab File: VU052109.D

Acq: 24 Nov 2022 00:40

Instrument :

MSVOA_U

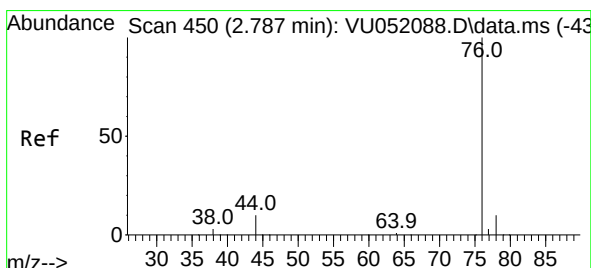
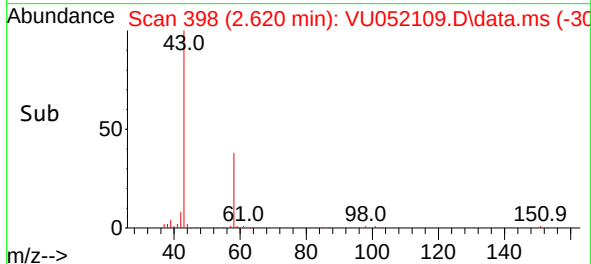
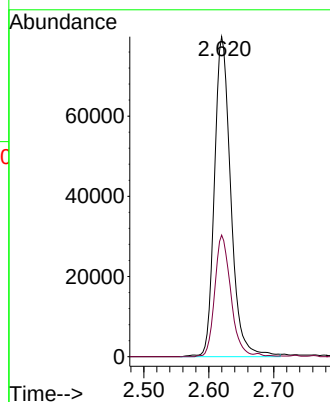
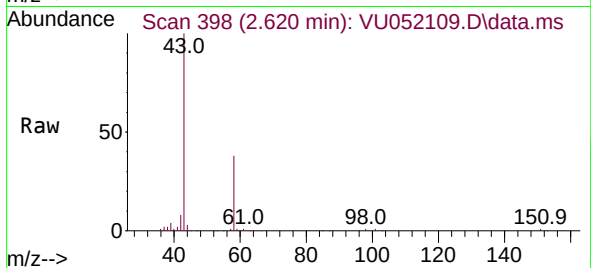
ClientSampleId :

Tgt Ion: 43 Resp: 139661

Ion Ratio Lower Upper

43 100

58 37.0 0.0 76.0



#14

Carbon disulfide

Concen: 4.728 ug/L

RT: 2.793 min Scan# 452

Delta R.T. 0.006 min

Lab File: VU052109.D

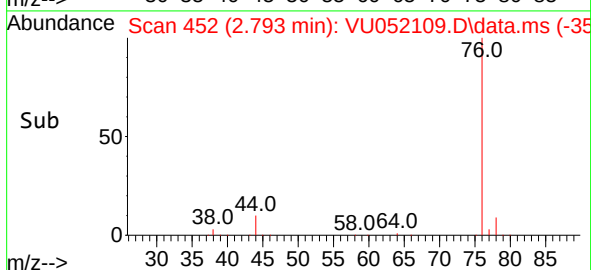
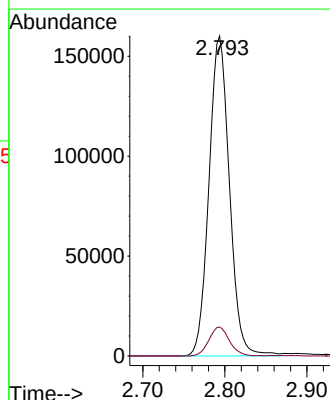
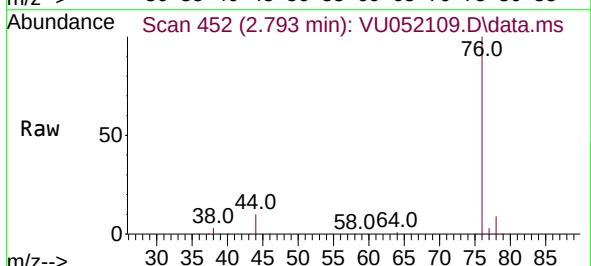
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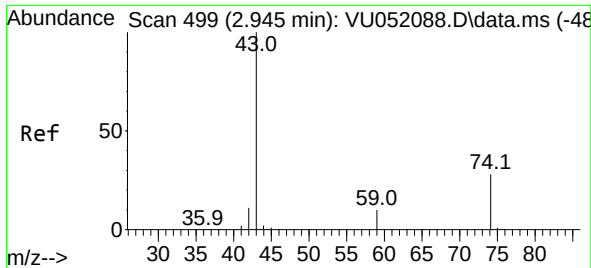
Tgt Ion: 76 Resp: 278118

Ion Ratio Lower Upper

76 100

78 9.0 7.0 10.4

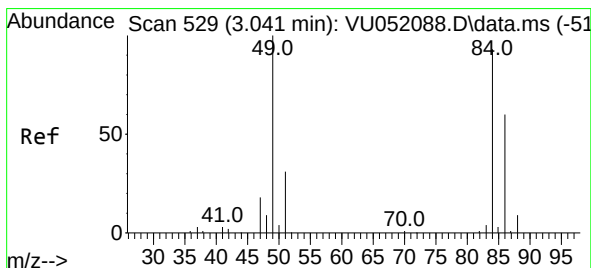
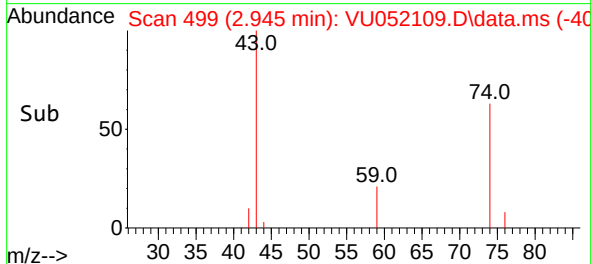
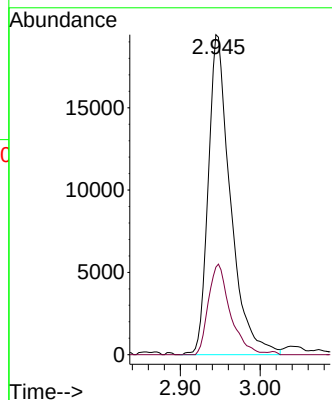
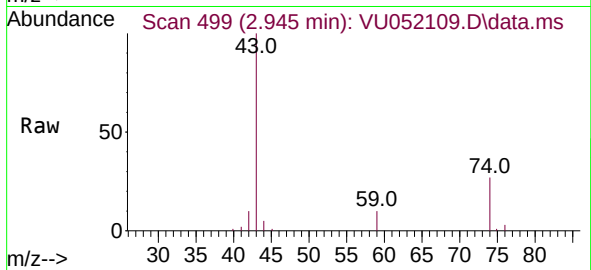




#15
Methyl Acetate
Concen: 5.150 ug/L
RT: 2.945 min Scan# 499
Delta R.T. -0.000 min
Lab File: VU052109.D
Acq: 24 Nov 2022 00:40

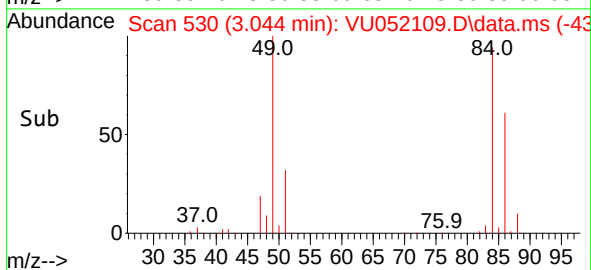
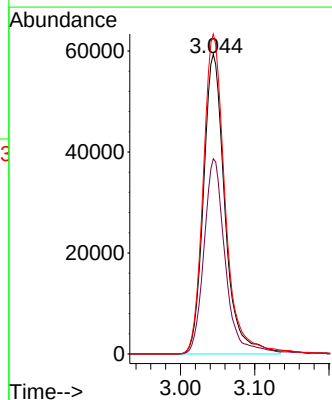
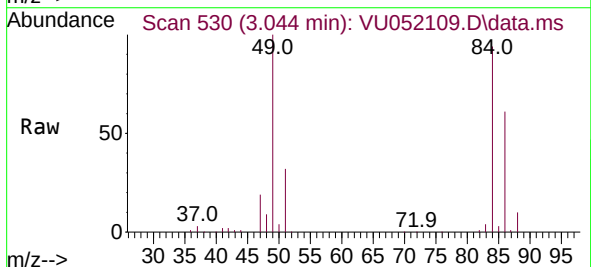
Instrument :
MSVOA_U
ClientSampleId :

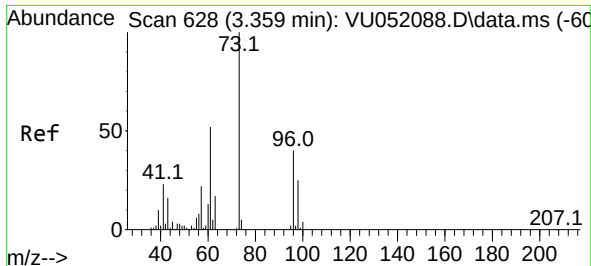
Tgt Ion: 43 Resp: 37466
Ion Ratio Lower Upper
43 100
74 27.9 21.3 31.9



#16
Methylene chloride
Concen: 5.171 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.003 min
Lab File: VU052109.D
Acq: 24 Nov 2022 00:40

Tgt Ion: 84 Resp: 118873
Ion Ratio Lower Upper
84 100
86 65.2 43.8 81.4
49 106.8 75.9 141.1





#17

Methyl tert-butyl Ether

Concen: 5.013 ug/L

RT: 3.359 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU052109.D

Acq: 24 Nov 2022 00:40

Instrument :

MSVOA_U

ClientSampleId :

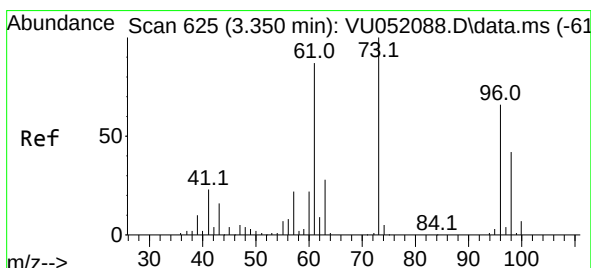
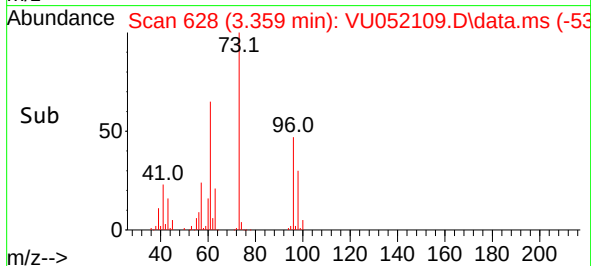
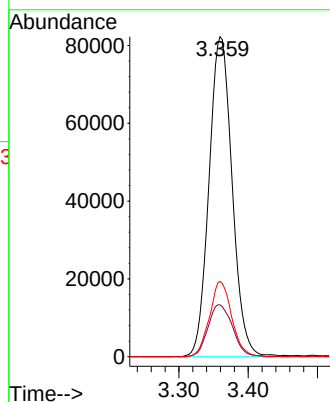
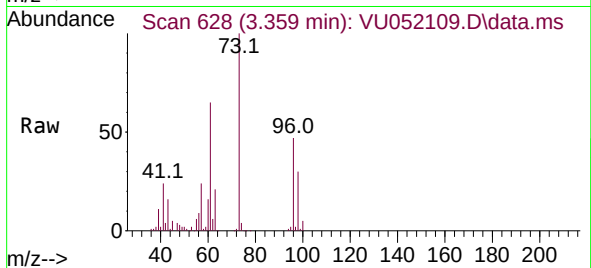
Tgt Ion: 73 Resp: 190703

Ion Ratio Lower Upper

73 100

43 17.2 13.2 19.8

57 22.6 17.8 26.8



#18

trans-1,2-Dichloroethene

Concen: 5.036 ug/L

RT: 3.353 min Scan# 626

Delta R.T. 0.003 min

Lab File: VU052109.D

Acq: 24 Nov 2022 00:40

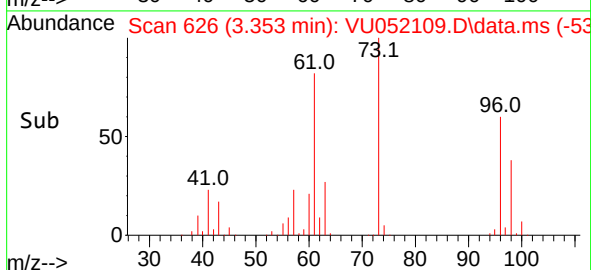
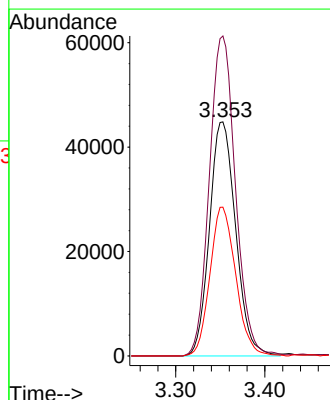
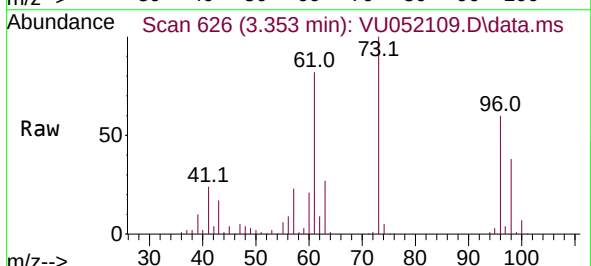
Tgt Ion: 96 Resp: 91741

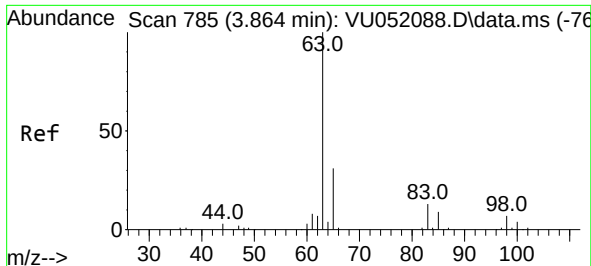
Ion Ratio Lower Upper

96 100

61 136.7 97.9 181.7

98 63.5 43.8 81.3





#19

1,1-Dichloroethane

Concen: 5.218 ug/L

RT: 3.867 min Scan# 785

Delta R.T. 0.003 min

Lab File: VU052109.D

Acq: 24 Nov 2022 00:40

Instrument :

MSVOA_U

ClientSampleId :

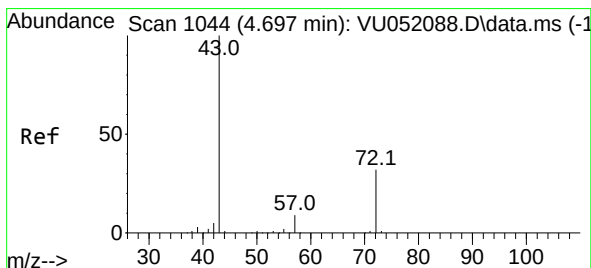
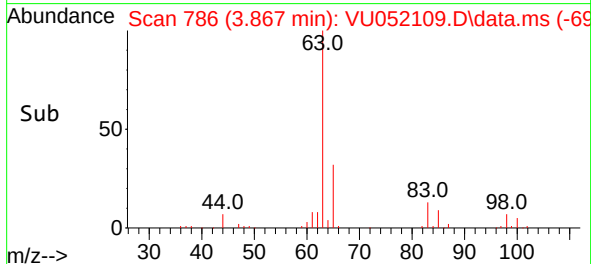
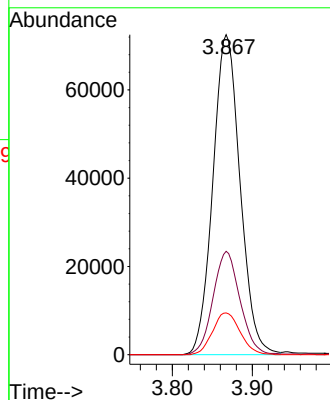
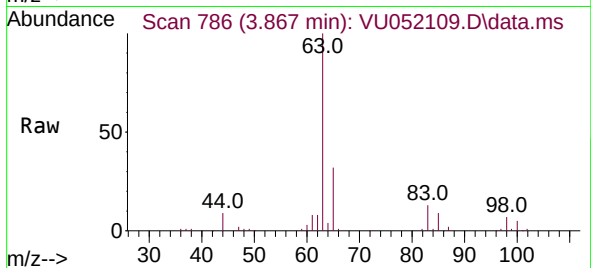
Tgt Ion: 63 Resp: 171319

Ion Ratio Lower Upper

63 100

65 32.3 22.2 41.2

83 13.0 9.2 17.0



#21

2-Butanone

Concen: 50.803 ug/L

RT: 4.697 min Scan# 1044

Delta R.T. -0.000 min

Lab File: VU052109.D

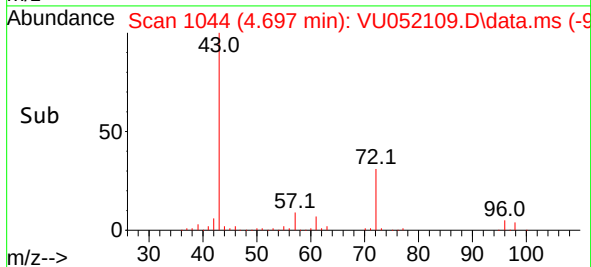
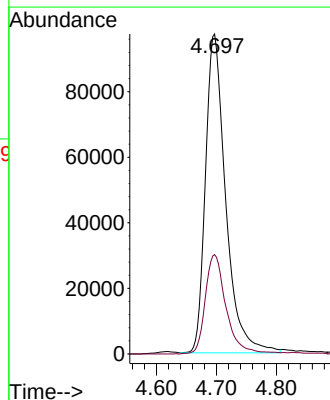
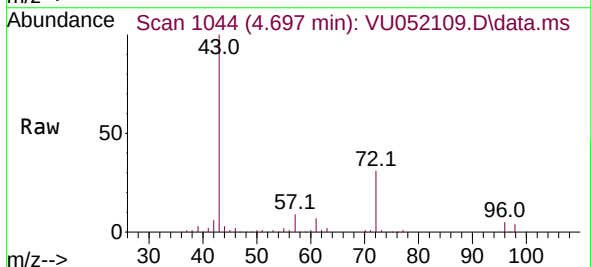
Acq: 24 Nov 2022 00:40

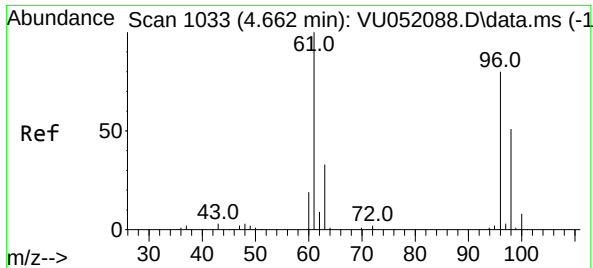
Tgt Ion: 43 Resp: 228372

Ion Ratio Lower Upper

43 100

72 32.0 15.6 46.8

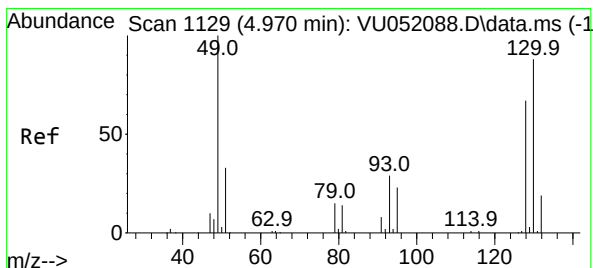
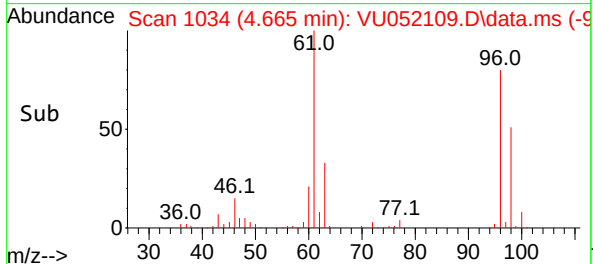
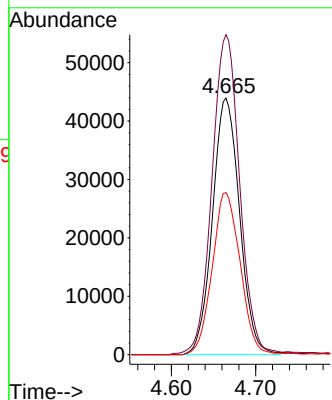
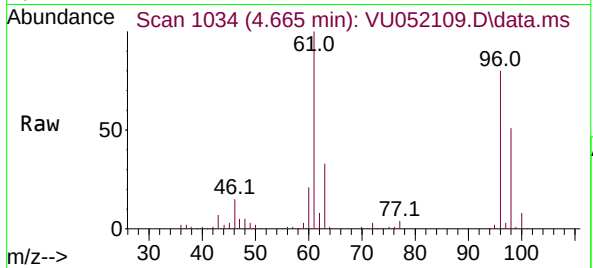




#22
cis-1,2-Dichloroethene
Concen: 5.146 ug/L
RT: 4.665 min Scan# 1033
Delta R.T. 0.003 min
Lab File: VU052109.D
Acq: 24 Nov 2022 00:40

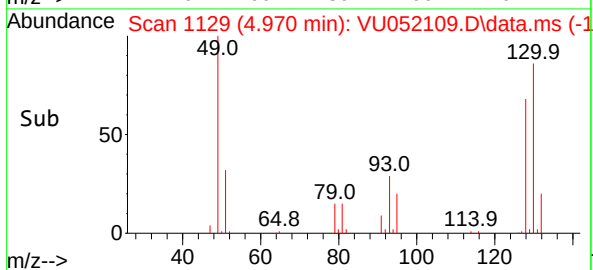
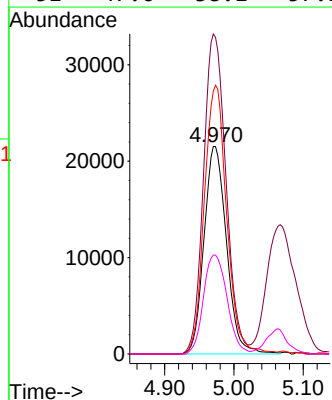
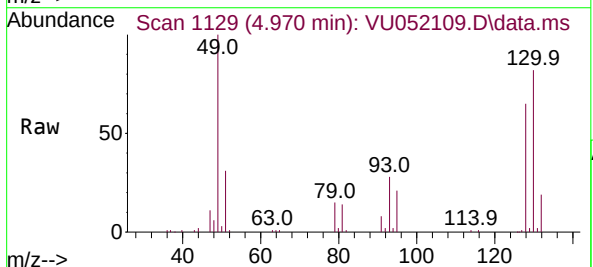
Instrument :
MSVOA_U
ClientSampleId :

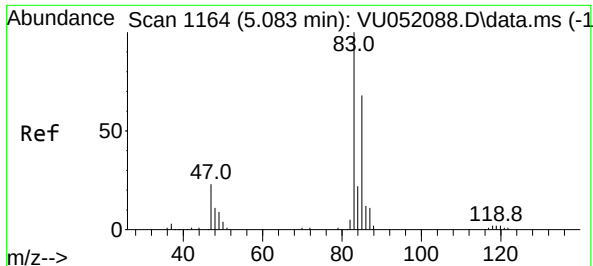
Tgt Ion: 96 Resp: 98374
Ion Ratio Lower Upper
96 100
61 124.7 85.1 158.1
98 63.1 42.8 79.6



#23
Bromochloromethane
Concen: 5.302 ug/L
RT: 4.970 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VU052109.D
Acq: 24 Nov 2022 00:40

Tgt Ion:128 Resp: 48497
Ion Ratio Lower Upper
128 100
49 154.2 104.0 193.2
130 126.7 84.6 157.2
51 47.6 38.1 57.1





#25

Chloroform

Concen: 5.308 ug/L

RT: 5.086 min Scan# 1164

Delta R.T. 0.003 min

Lab File: VU052109.D

Acq: 24 Nov 2022 00:40

Instrument :

MSVOA_U

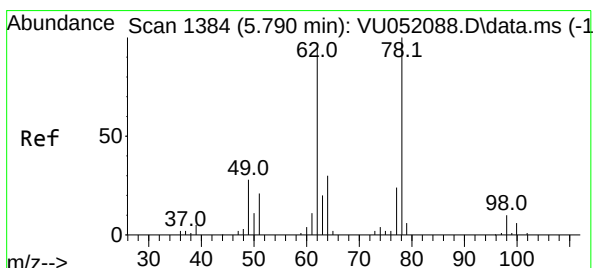
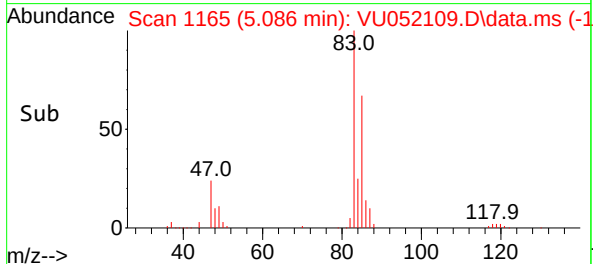
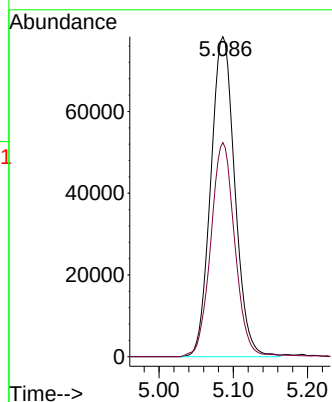
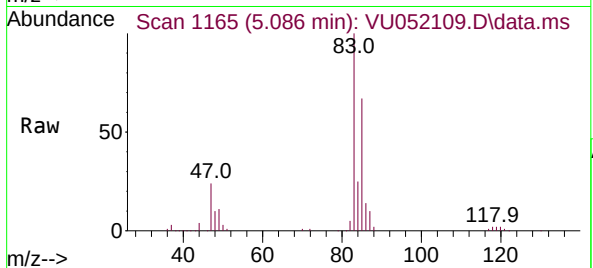
ClientSampleId :

Tgt Ion: 83 Resp: 176599

Ion Ratio Lower Upper

83 100

85 66.9 43.8 81.4



#27

1,2-Dichloroethane

Concen: 5.230 ug/L

RT: 5.790 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VU052109.D

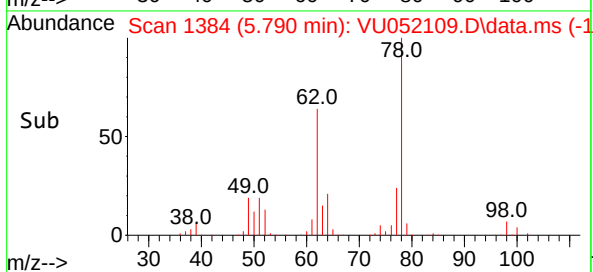
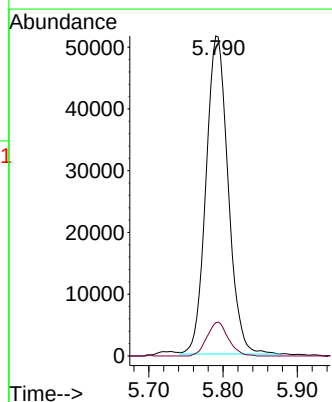
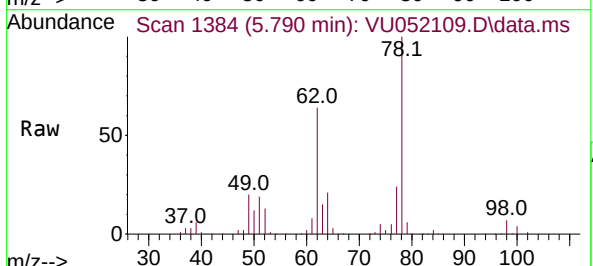
Acq: 24 Nov 2022 00:40

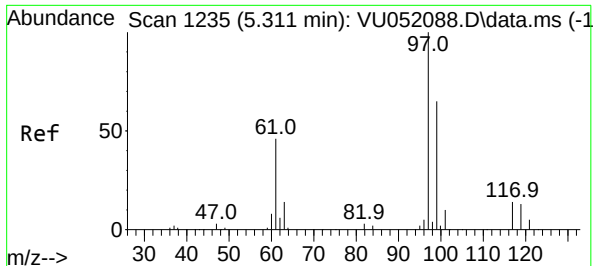
Tgt Ion: 62 Resp: 106568

Ion Ratio Lower Upper

62 100

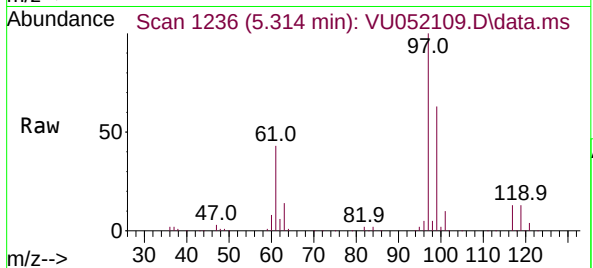
98 10.4 8.4 12.6



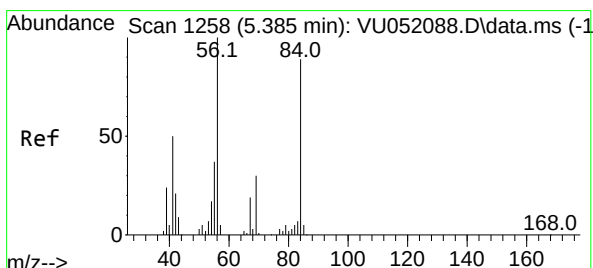
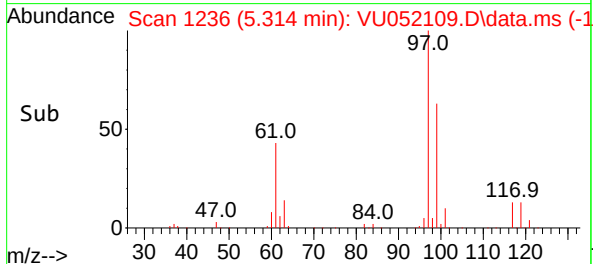
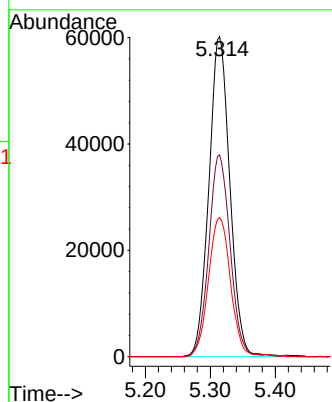


#29
1,1,1-Trichloroethane
Concen: 5.109 ug/L
RT: 5.314 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU052109.D
Acq: 24 Nov 2022 00:40

Instrument :
MSVOA_U
ClientSampleId :

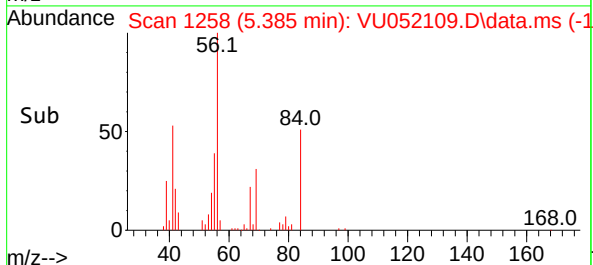
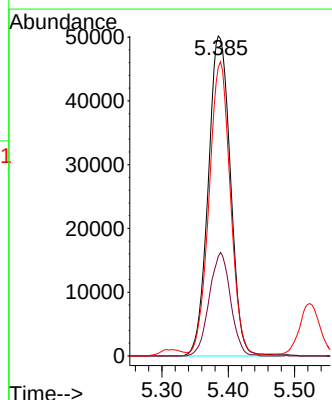
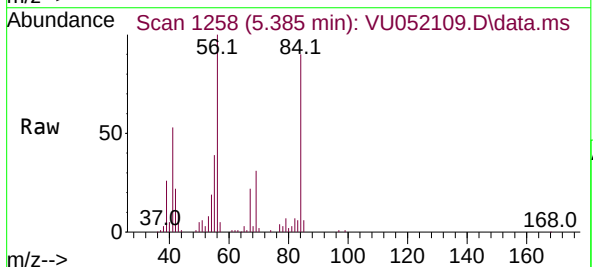


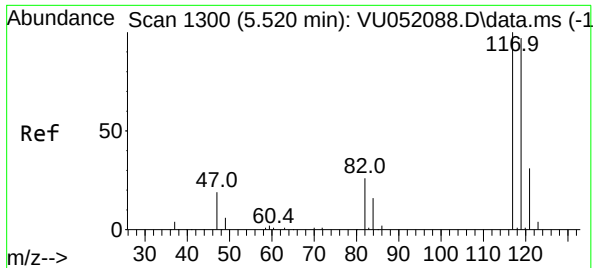
Tgt Ion: 97 Resp: 135197
Ion Ratio Lower Upper
97 100
99 64.4 51.0 76.6
61 45.5 36.9 55.3



#30
Cyclohexane
Concen: 4.536 ug/L
RT: 5.385 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VU052109.D
Acq: 24 Nov 2022 00:40

Tgt Ion: 56 Resp: 116538
Ion Ratio Lower Upper
56 100
69 31.1 25.6 38.4
84 87.2 72.0 108.0

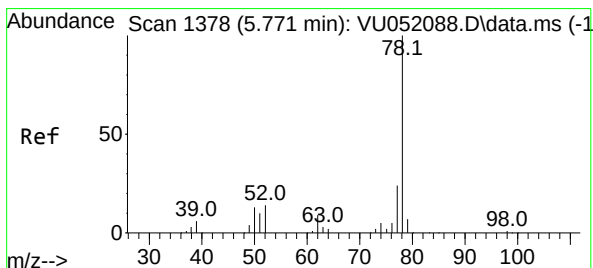
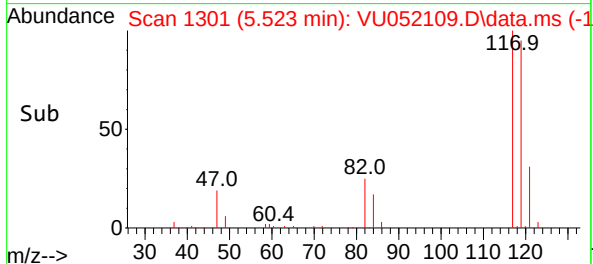
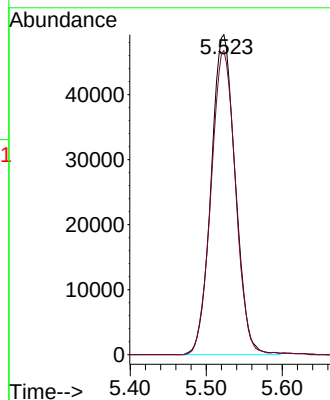
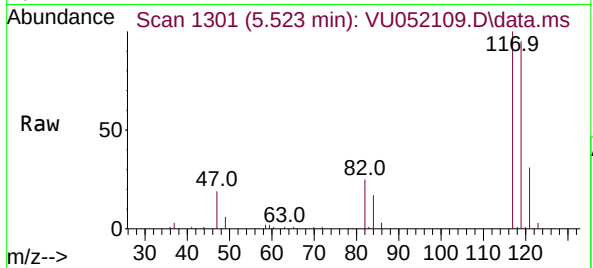




#31
Carbon tetrachloride
Concen: 4.822 ug/L
RT: 5.523 min Scan# 117
Delta R.T. 0.003 min
Lab File: VU052109.D
Acq: 24 Nov 2022 00:40

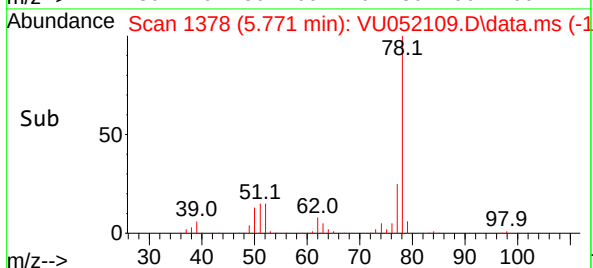
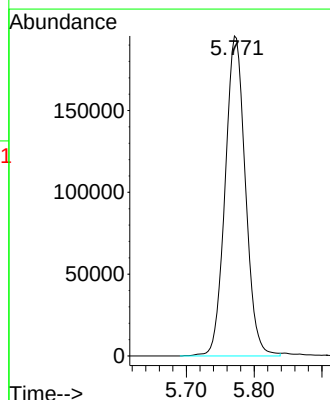
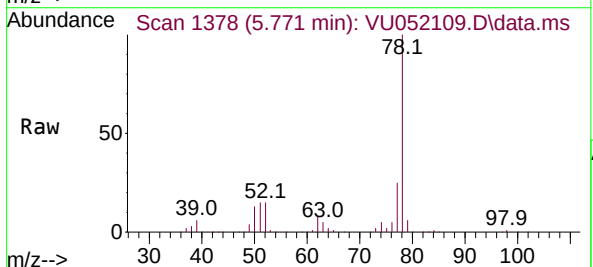
Instrument :
MSVOA_U
ClientSampleId :

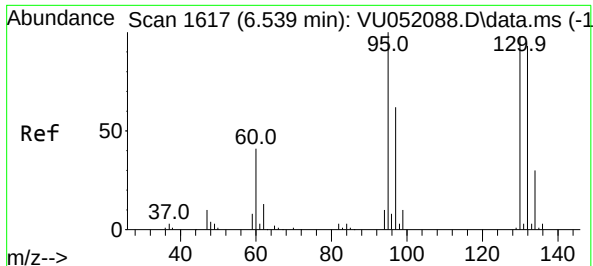
Tgt Ion:117 Resp: 108416
Ion Ratio Lower Upper
117 100
119 96.0 77.2 115.8



#33
Benzene
Concen: 5.235 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.000 min
Lab File: VU052109.D
Acq: 24 Nov 2022 00:40

Tgt Ion: 78 Resp: 406329

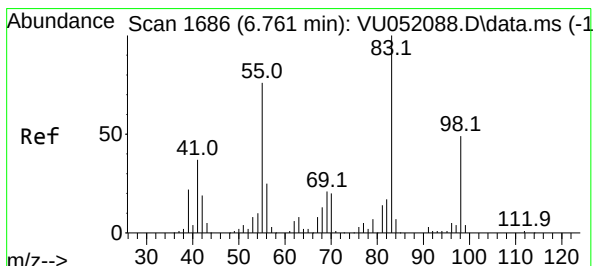
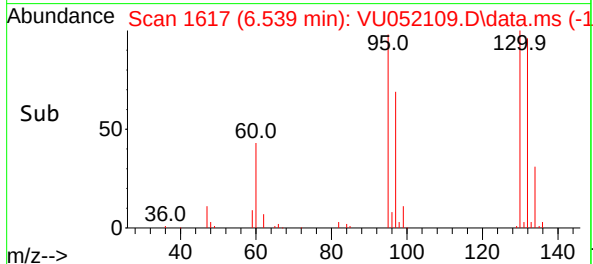
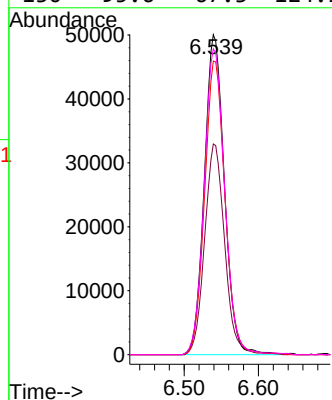
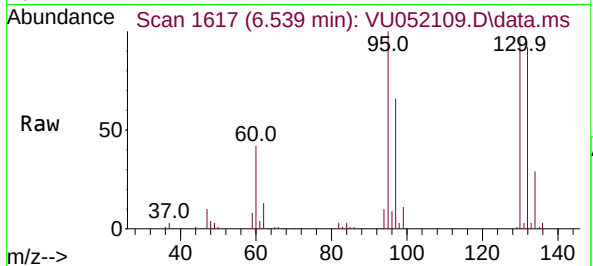




#34
Trichloroethene
Concen: 4.854 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU052109.D
Acq: 24 Nov 2022 00:40

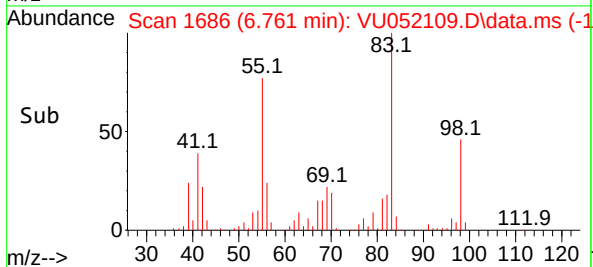
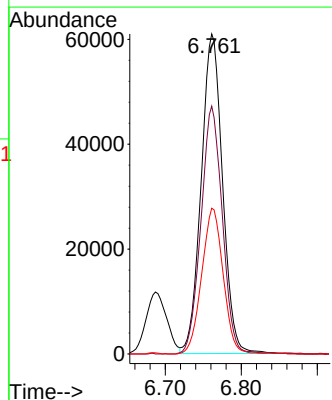
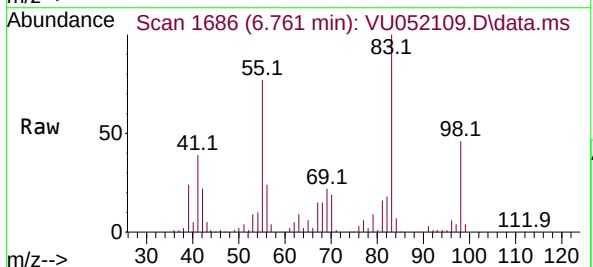
Instrument :
MSVOA_U
ClientSampleId :

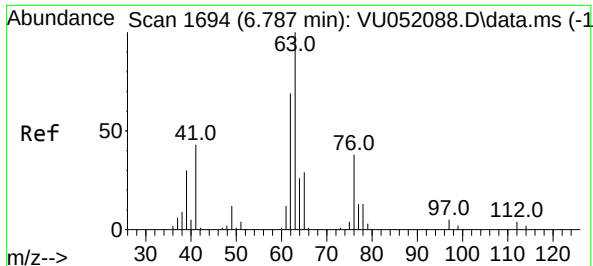
Tgt Ion: 95 Resp: 93980
Ion Ratio Lower Upper
95 100
97 65.8 43.7 81.1
132 91.8 64.3 119.3
130 95.6 67.3 124.9



#35
Methylcyclohexane
Concen: 4.273 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VU052109.D
Acq: 24 Nov 2022 00:40

Tgt Ion: 83 Resp: 119009
Ion Ratio Lower Upper
83 100
55 77.3 60.8 91.2
98 45.7 35.1 52.7





#37

1,2-Dichloropropane

Concen: 5.301 ug/L

RT: 6.787 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU052109.D

Acq: 24 Nov 2022 00:40

Instrument :

MSVOA_U

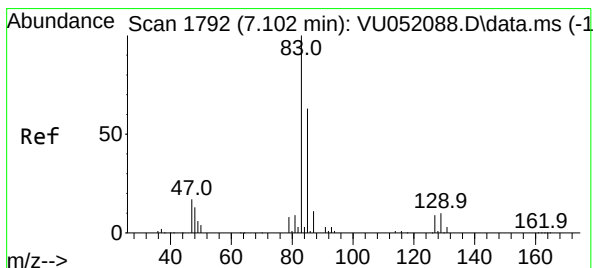
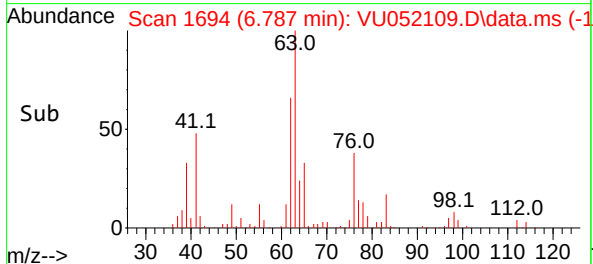
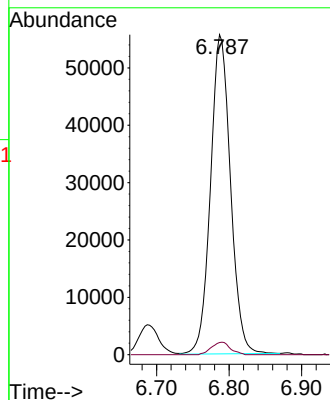
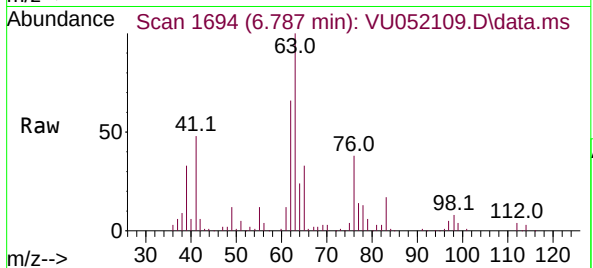
ClientSampleId :

Tgt Ion: 63 Resp: 106528

Ion Ratio Lower Upper

63 100

112 3.7 3.3 4.9



#38

Bromodichloromethane

Concen: 5.022 ug/L

RT: 7.102 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VU052109.D

Acq: 24 Nov 2022 00:40

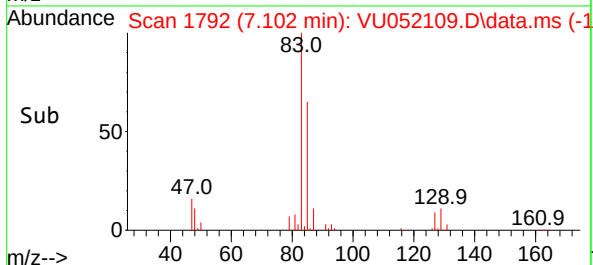
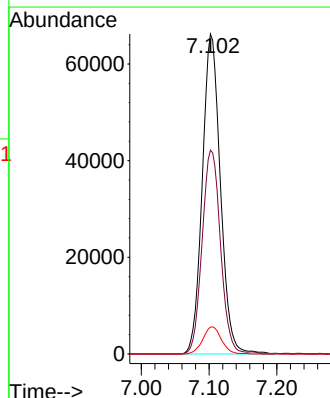
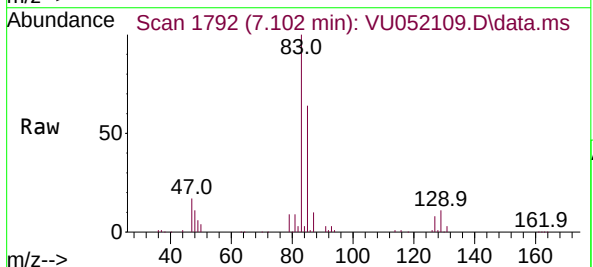
Tgt Ion: 83 Resp: 123055

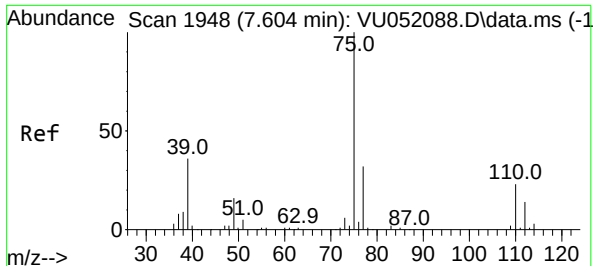
Ion Ratio Lower Upper

83 100

85 63.7 43.5 80.9

127 8.4 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 4.832 ug/L

RT: 7.604 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VU052109.D

Acq: 24 Nov 2022 00:40

Instrument :

MSVOA_U

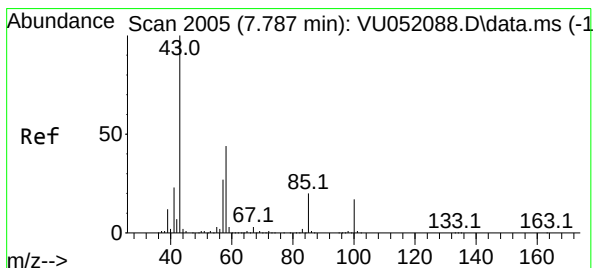
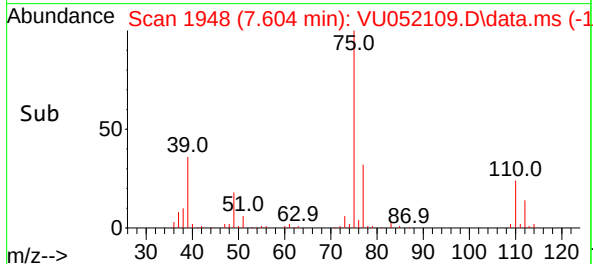
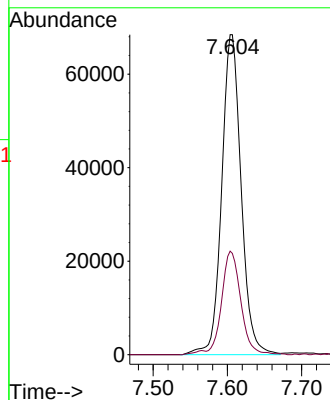
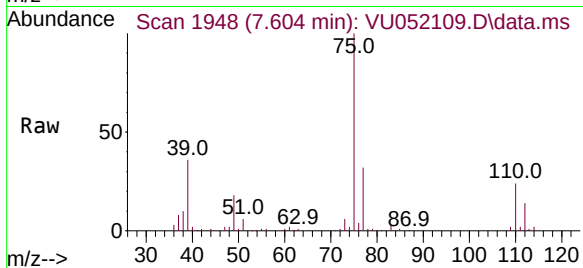
ClientSampleId :

Tgt Ion: 75 Resp: 124667

Ion Ratio Lower Upper

75 100

77 32.4 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 52.796 ug/L

RT: 7.787 min Scan# 2005

Delta R.T. -0.000 min

Lab File: VU052109.D

Acq: 24 Nov 2022 00:40

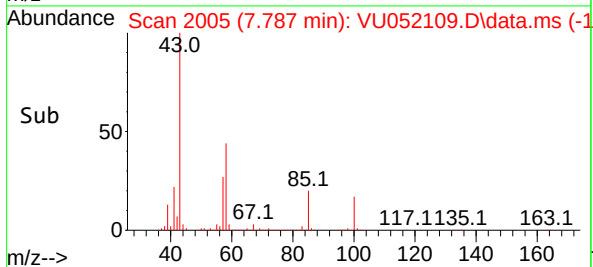
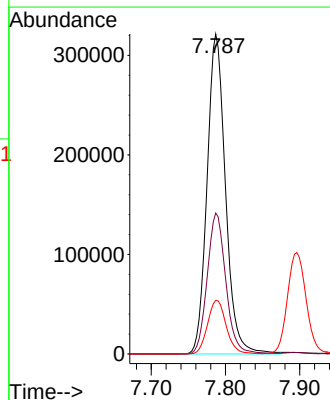
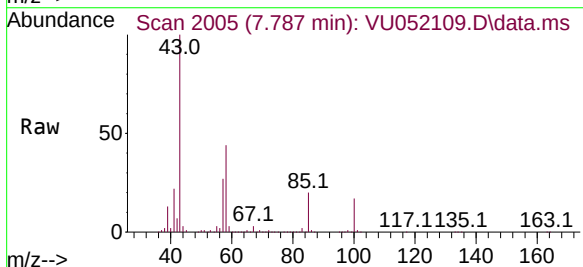
Tgt Ion: 43 Resp: 554234

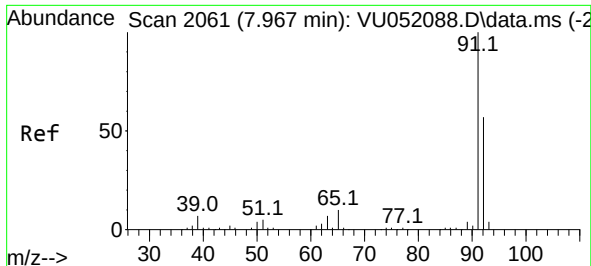
Ion Ratio Lower Upper

43 100

58 44.4 35.3 52.9

100 17.0 13.6 20.4





#42

Toluene

Concen: 5.375 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU052109.D

Acq: 24 Nov 2022 00:40

Instrument :

MSVOA_U

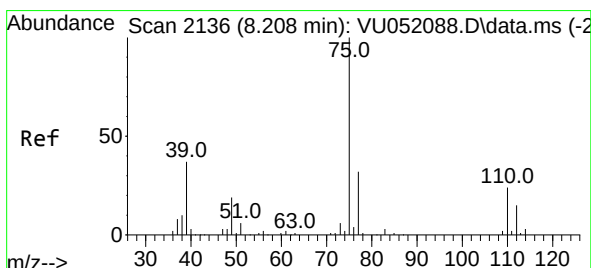
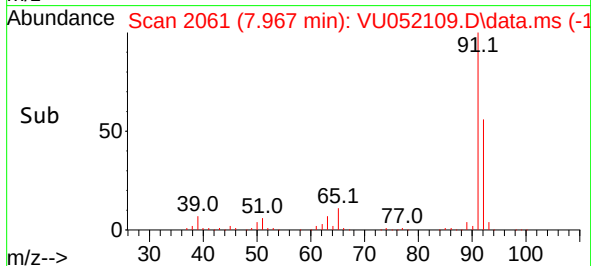
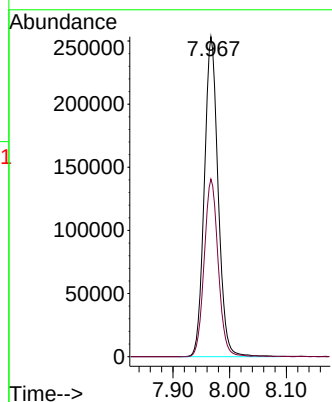
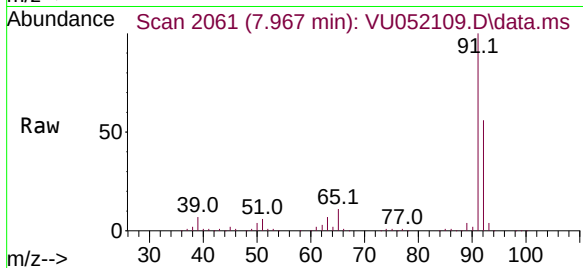
ClientSampleId :

Tgt Ion: 91 Resp: 429113

Ion Ratio Lower Upper

91 100

92 55.5 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 4.929 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. -0.000 min

Lab File: VU052109.D

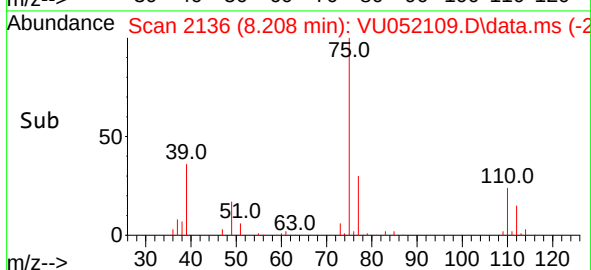
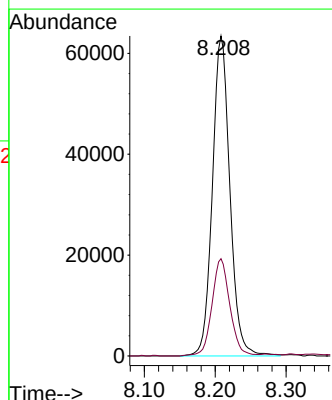
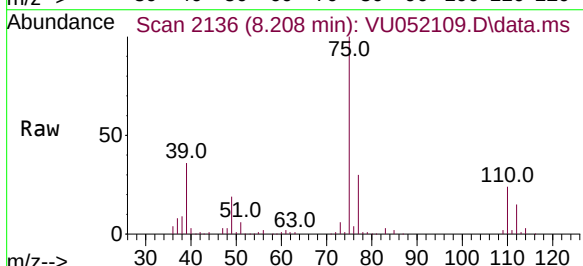
Acq: 24 Nov 2022 00:40

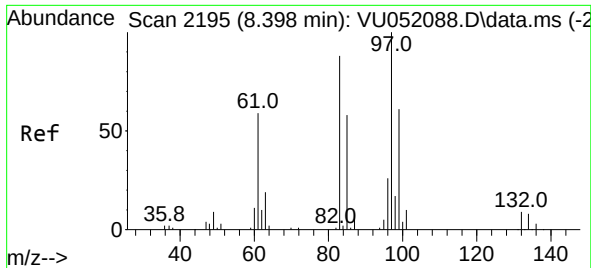
Tgt Ion: 75 Resp: 108915

Ion Ratio Lower Upper

75 100

77 30.4 22.6 42.0

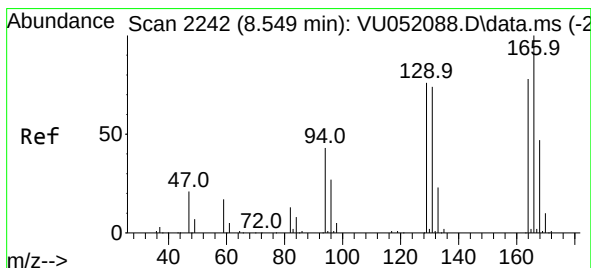
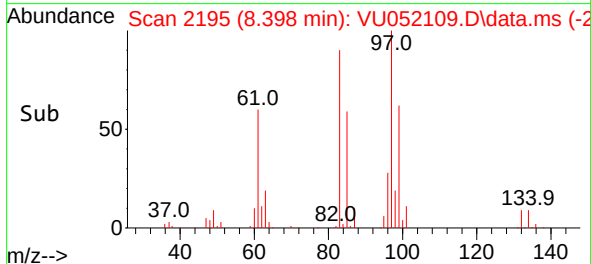
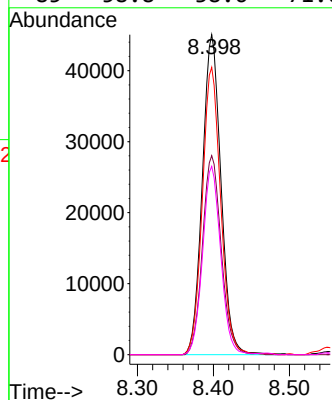
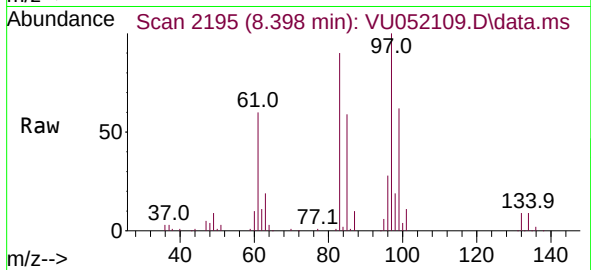




#45
1,1,2-Trichloroethane
Concen: 5.093 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. -0.000 min
Lab File: VU052109.D
Acq: 24 Nov 2022 00:40

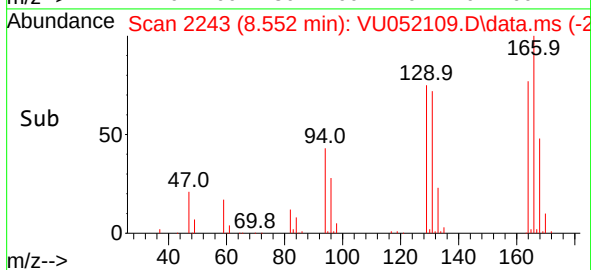
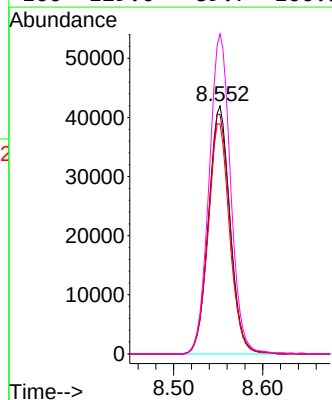
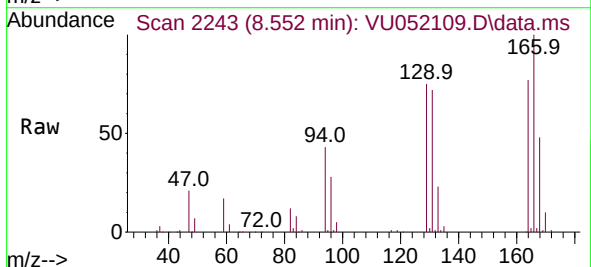
Instrument :
MSVOA_U
ClientSampleId :

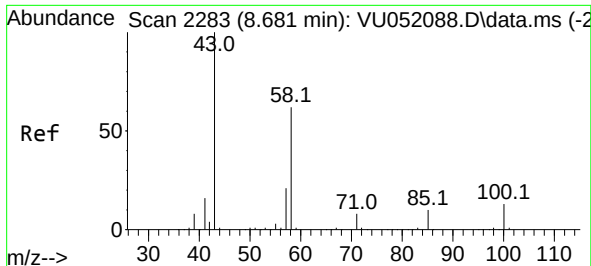
Tgt Ion:	97	Resp:	76915
Ion	Ratio	Lower	Upper
97	100		
99	62.2	42.6	79.2
83	89.8	60.7	112.7
85	58.8	38.6	71.6



#47
Tetrachloroethene
Concen: 4.733 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.003 min
Lab File: VU052109.D
Acq: 24 Nov 2022 00:40

Tgt Ion:	164	Resp:	70221
Ion	Ratio	Lower	Upper
164	100		
129	96.6	67.4	125.2
131	92.7	67.1	124.7
166	129.0	89.7	166.5

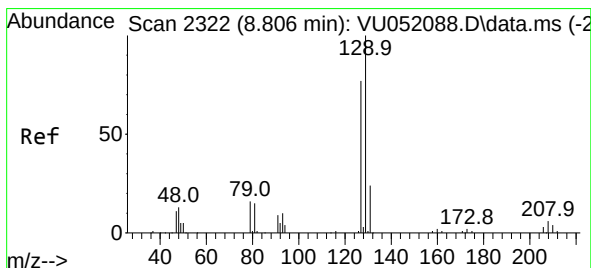
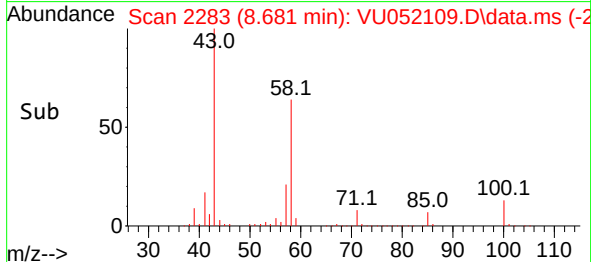
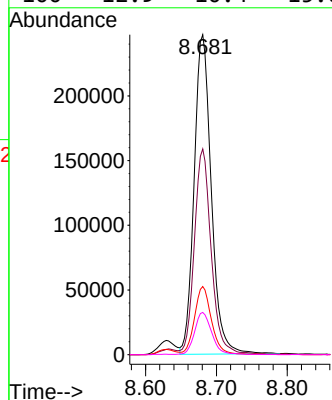
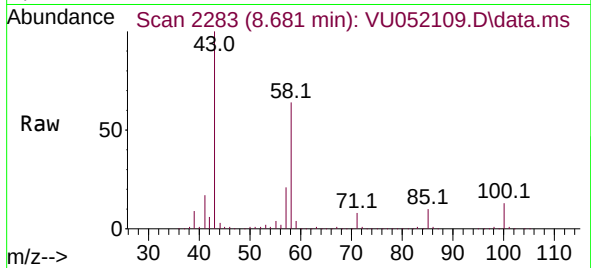




#48
2-Hexanone
Concen: 54.058 ug/L
RT: 8.681 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU052109.D
Acq: 24 Nov 2022 00:40

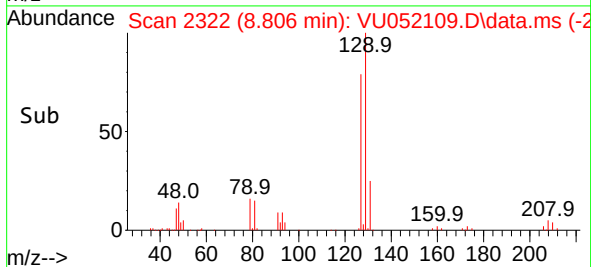
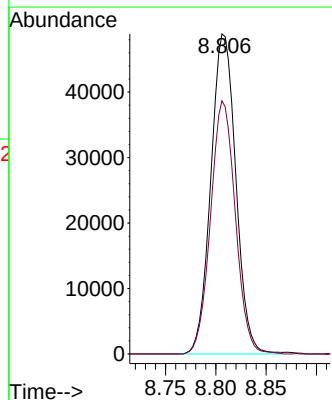
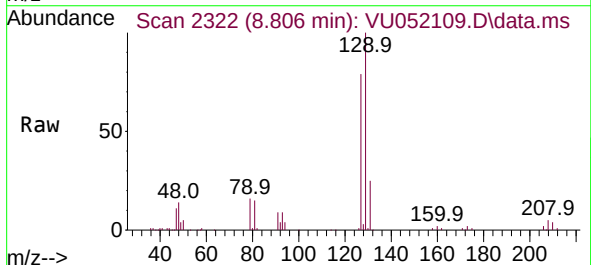
Instrument :
MSVOA_U
ClientSampleId :

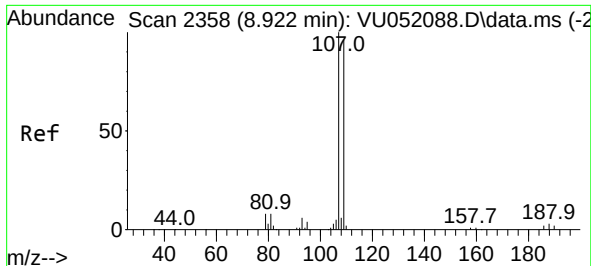
Tgt Ion: 43 Resp: 416027
Ion Ratio Lower Upper
43 100
58 62.9 49.4 74.0
57 20.8 16.3 24.5
100 12.9 10.4 15.6



#49
Dibromochloromethane
Concen: 4.991 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VU052109.D
Acq: 24 Nov 2022 00:40

Tgt Ion: 129 Resp: 84424
Ion Ratio Lower Upper
129 100
127 79.1 52.8 98.2





#50

1,2-Dibromoethane

Concen: 5.241 ug/L

RT: 8.922 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU052109.D

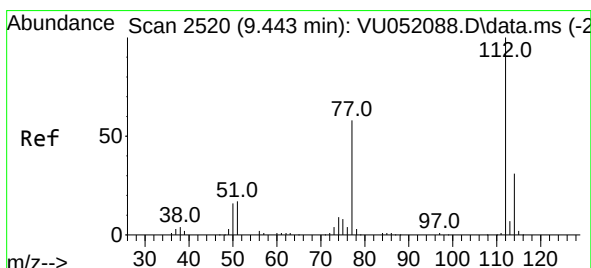
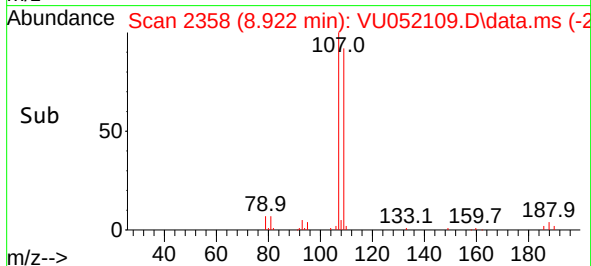
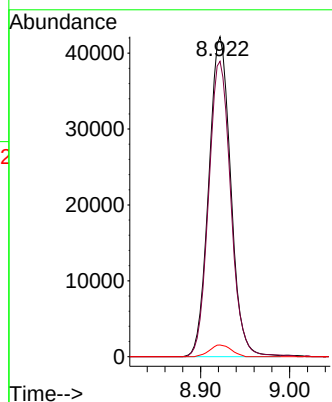
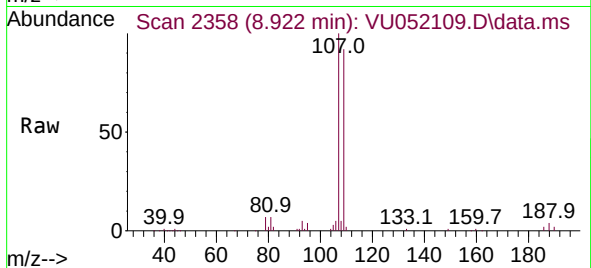
Acq: 24 Nov 2022 00:40

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	72093
Ion	Ratio	Lower	Upper
107	100		
109	92.3	64.9	120.5
188	3.7	2.6	4.0



#51

Chlorobenzene

Concen: 5.123 ug/L

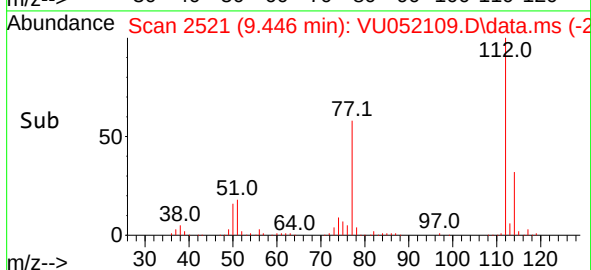
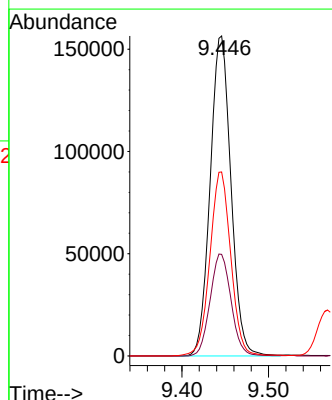
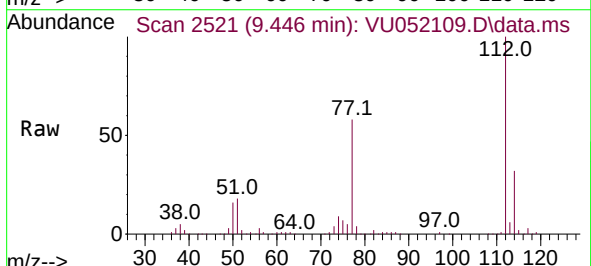
RT: 9.446 min Scan# 2521

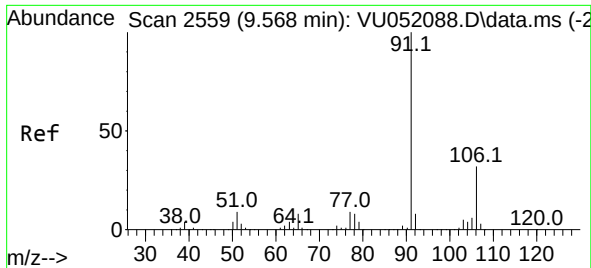
Delta R.T. 0.003 min

Lab File: VU052109.D

Acq: 24 Nov 2022 00:40

Tgt Ion:	112	Resp:	260793
Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.2	41.2
77	57.5	46.6	70.0

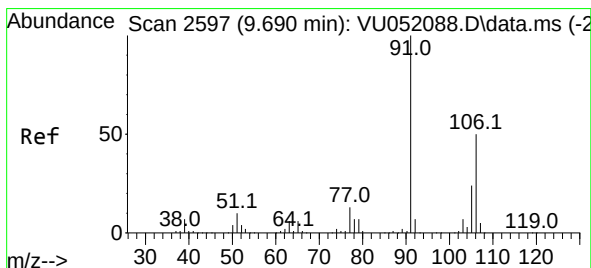
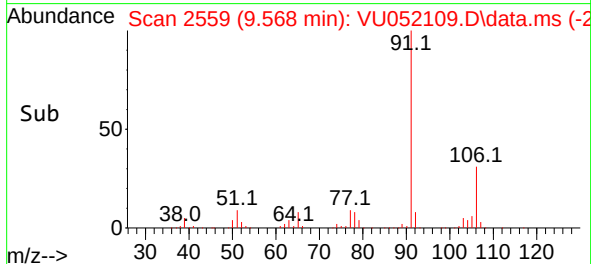
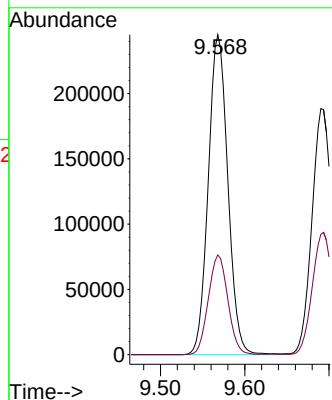
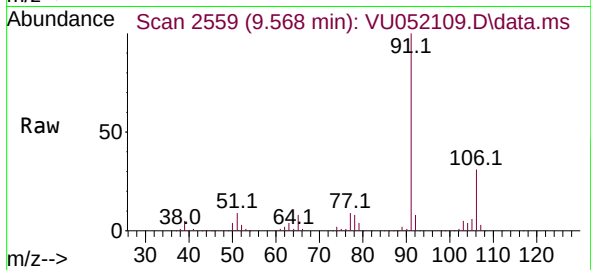




#52
Ethylbenzene
Concen: 5.095 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU052109.D
Acq: 24 Nov 2022 00:40

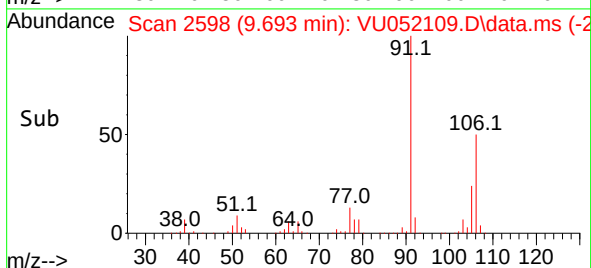
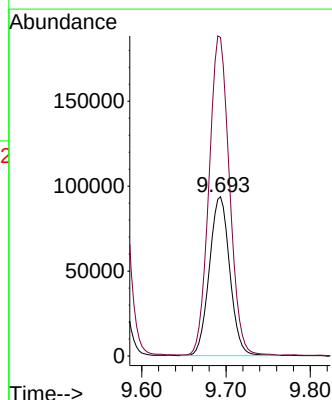
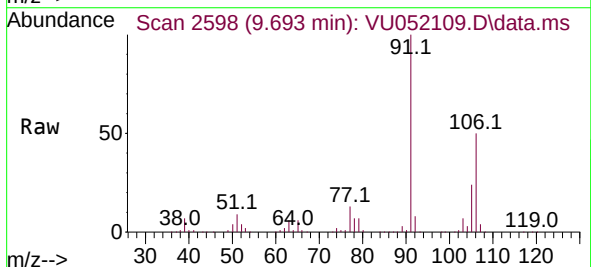
Instrument :
MSVOA_U
ClientSampleId :

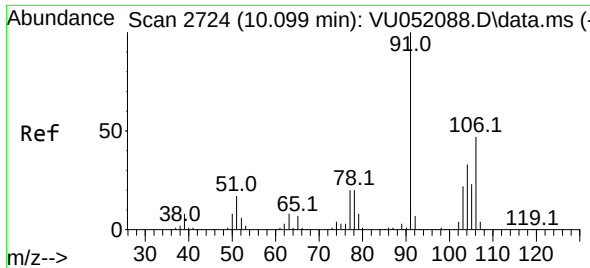
Tgt Ion: 91 Resp: 395448
Ion Ratio Lower Upper
91 100
106 31.2 22.3 41.3



#53
m,p-Xylene
Concen: 5.232 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.003 min
Lab File: VU052109.D
Acq: 24 Nov 2022 00:40

Tgt Ion: 106 Resp: 157247
Ion Ratio Lower Upper
106 100
91 200.1 137.7 255.7

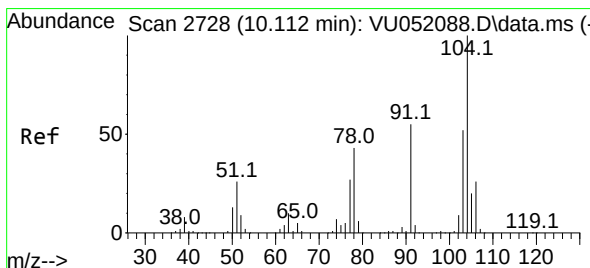
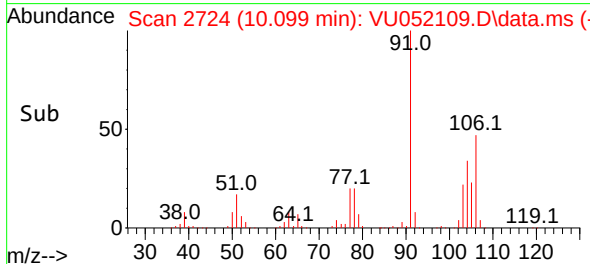
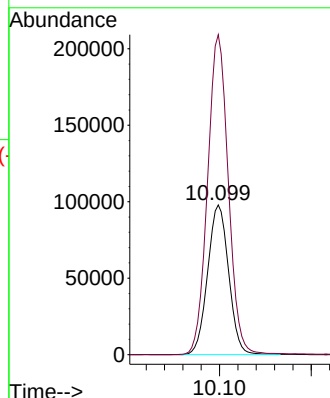
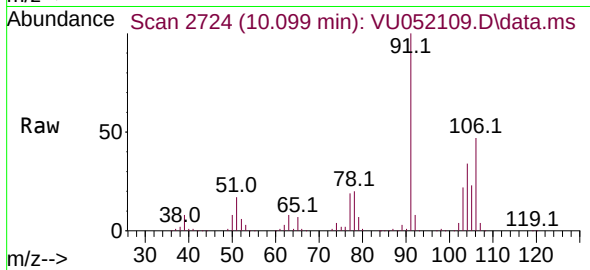




#54
o-Xylene
Concen: 5.412 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. -0.000 min
Lab File: VU052109.D
Acq: 24 Nov 2022 00:40

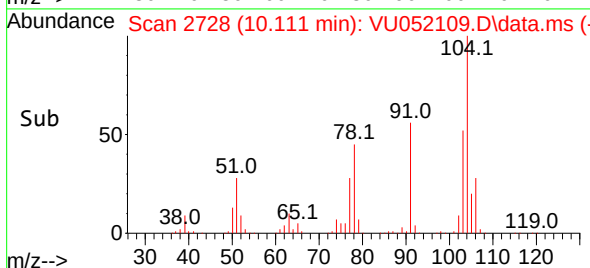
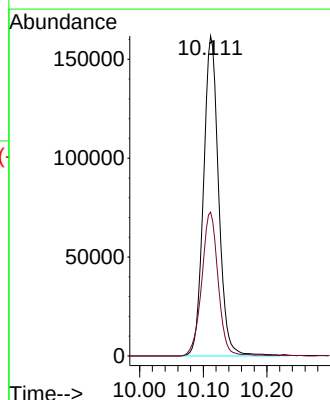
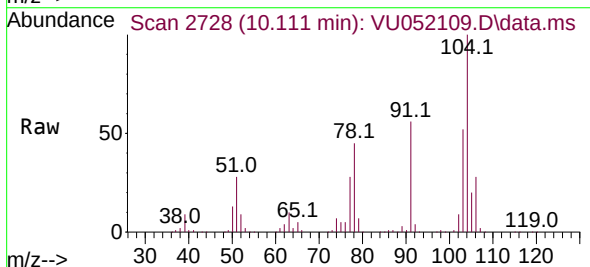
Instrument :
MSVOA_U
ClientSampleId :

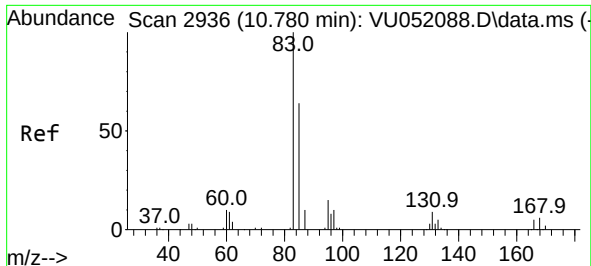
Tgt Ion:106 Resp: 155893
Ion Ratio Lower Upper
106 100
91 213.6 151.5 281.5



#55
Styrene
Concen: 5.504 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. -0.000 min
Lab File: VU052109.D
Acq: 24 Nov 2022 00:40

Tgt Ion:104 Resp: 267781
Ion Ratio Lower Upper
104 100
78 45.0 30.6 56.8

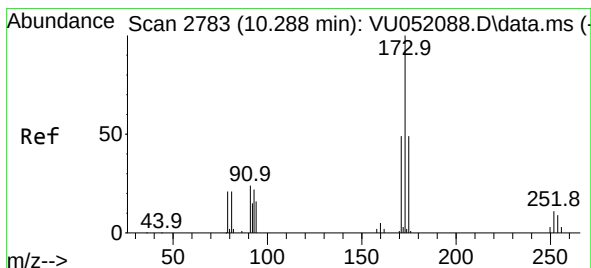
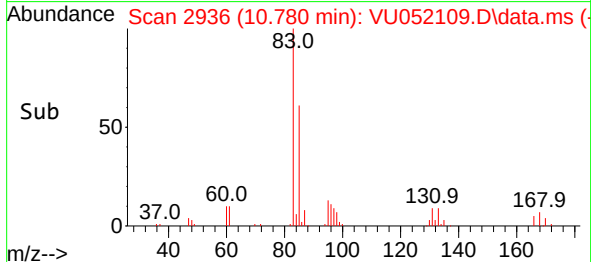
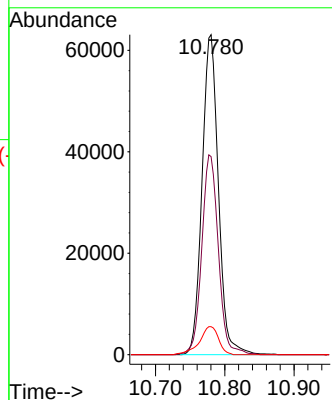
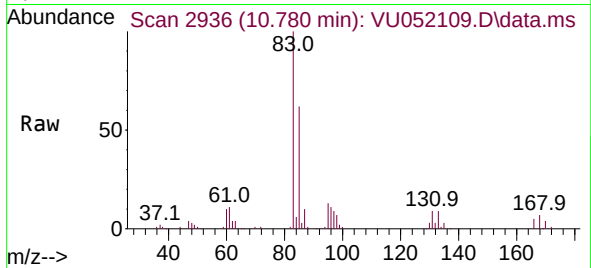




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.466 ug/L
 RT: 10.780 min Scan# 2936
 Delta R.T. -0.000 min
 Lab File: VU052109.D
 Acq: 24 Nov 2022 00:40

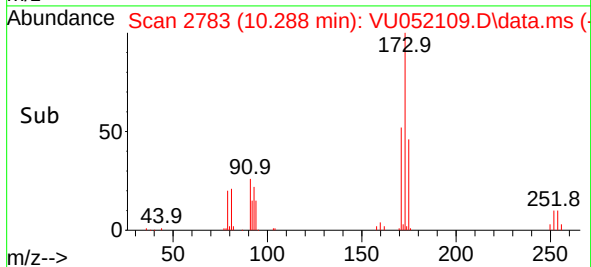
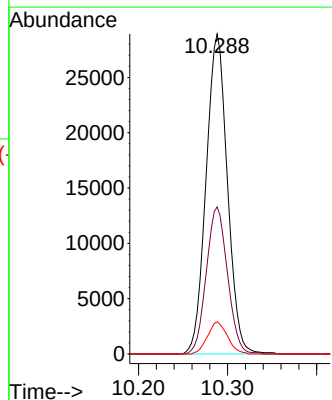
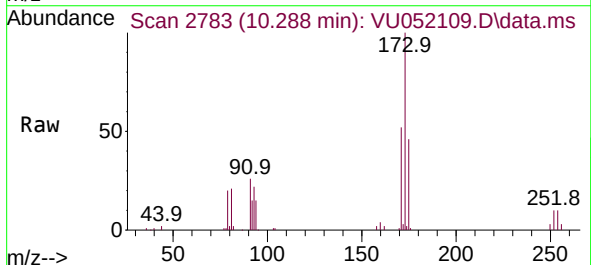
Instrument :
 MSVOA_U
 ClientSampleId :

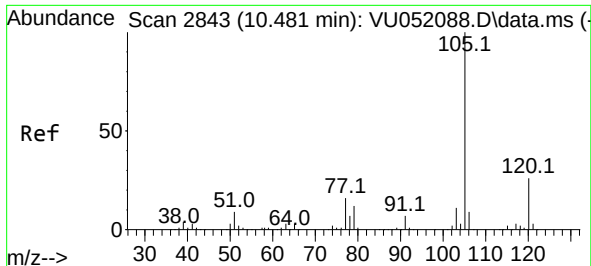
Tgt Ion: 83 Resp: 103094
 Ion Ratio Lower Upper
 83 100
 85 61.9 45.7 84.9
 131 8.7 7.6 11.4



#59
 Bromoform
 Concen: 4.775 ug/L
 RT: 10.288 min Scan# 2783
 Delta R.T. -0.000 min
 Lab File: VU052109.D
 Acq: 24 Nov 2022 00:40

Tgt Ion: 173 Resp: 48001
 Ion Ratio Lower Upper
 173 100
 175 45.6 37.2 55.8
 254 9.4 7.0 10.6

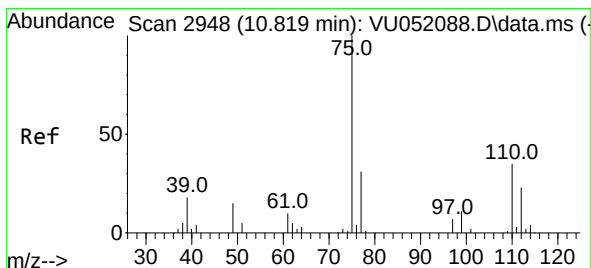
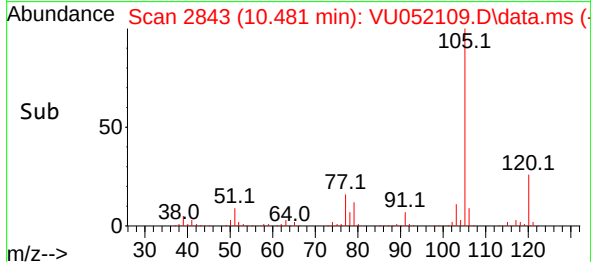
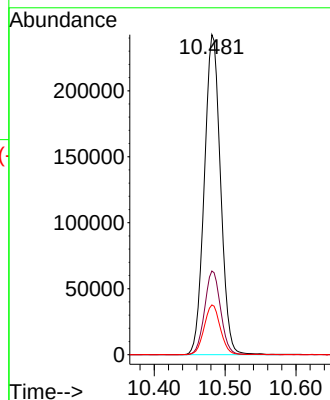
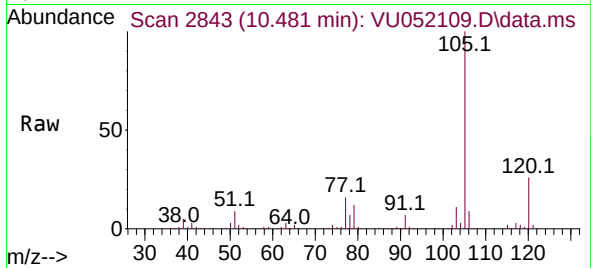




#60
Isopropylbenzene
Concen: 5.015 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. -0.000 min
Lab File: VU052109.D
Acq: 24 Nov 2022 00:40

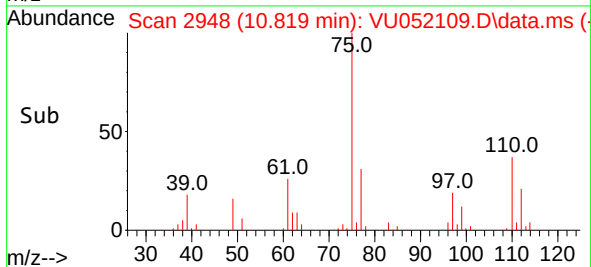
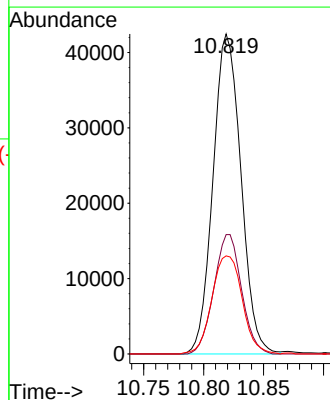
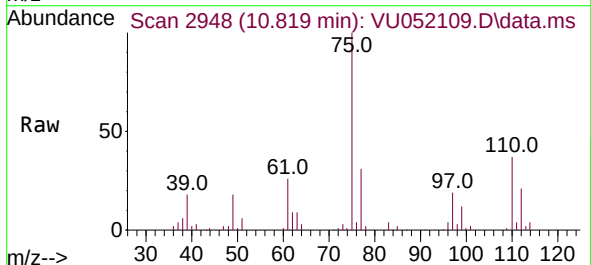
Instrument :
MSVOA_U
ClientSampleId :

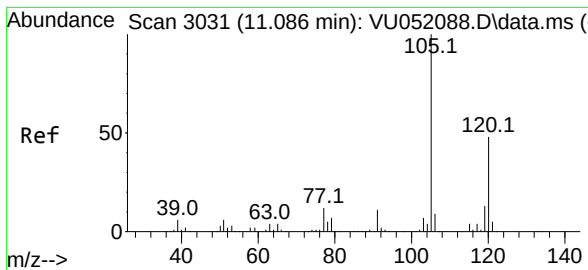
Tgt Ion:105 Resp: 384446
Ion Ratio Lower Upper
105 100
120 25.9 21.0 31.6
77 15.5 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 4.920 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. -0.000 min
Lab File: VU052109.D
Acq: 24 Nov 2022 00:40

Tgt Ion: 75 Resp: 68724
Ion Ratio Lower Upper
75 100
110 36.9 28.3 42.5
77 33.3 26.2 39.2

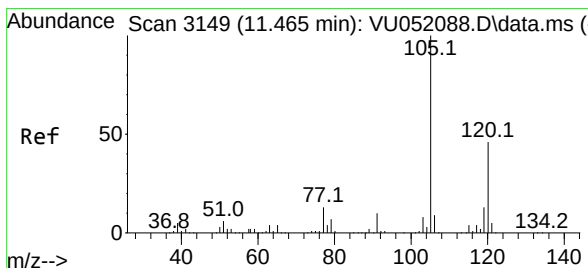
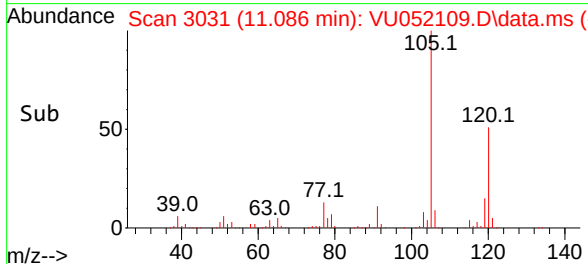
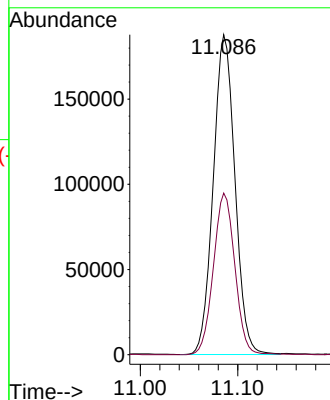
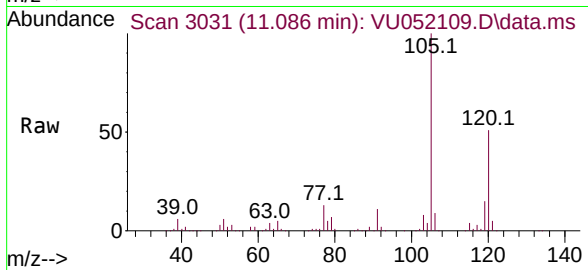




#62
 1,3,5-Trimethylbenzene
 Concen: 4.737 ug/L
 RT: 11.086 min Scan# 3031
 Delta R.T. -0.000 min
 Lab File: VU052109.D
 Acq: 24 Nov 2022 00:40

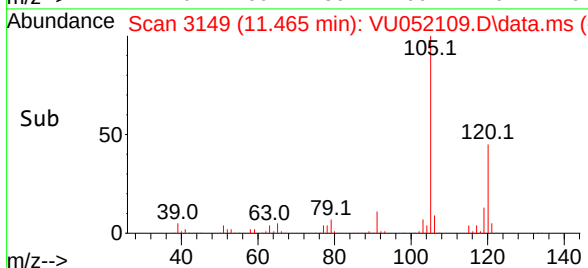
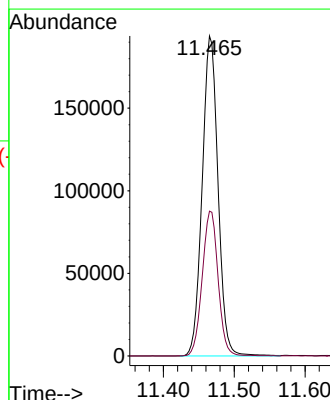
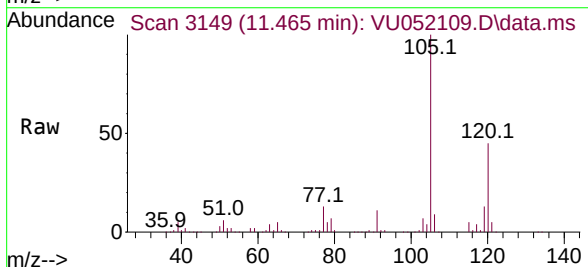
Instrument :
 MSVOA_U
 ClientSampleId :

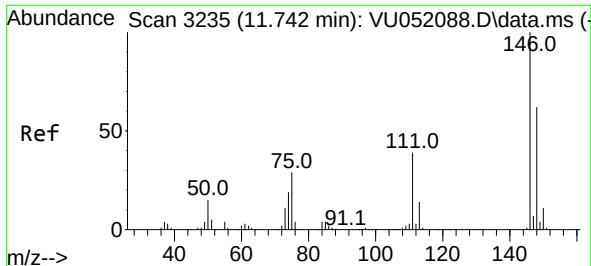
Tgt Ion:105 Resp: 290303
 Ion Ratio Lower Upper
 105 100
 120 50.0 38.7 58.1



#63
 1,2,4-Trimethylbenzene
 Concen: 4.938 ug/L
 RT: 11.465 min Scan# 3149
 Delta R.T. -0.000 min
 Lab File: VU052109.D
 Acq: 24 Nov 2022 00:40

Tgt Ion:105 Resp: 300416
 Ion Ratio Lower Upper
 105 100
 120 45.4 36.6 55.0

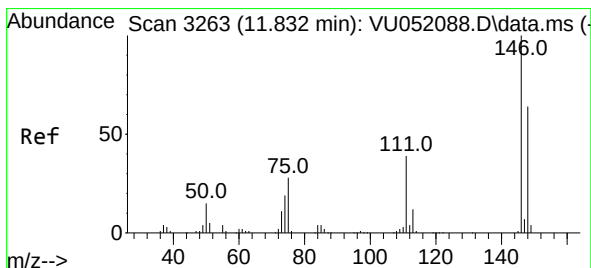
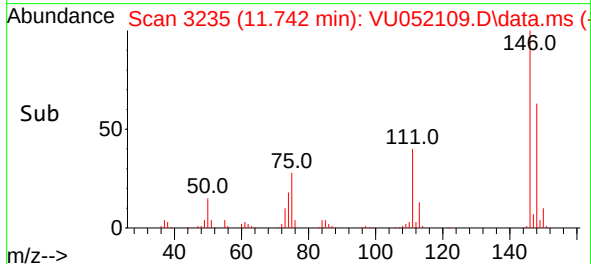
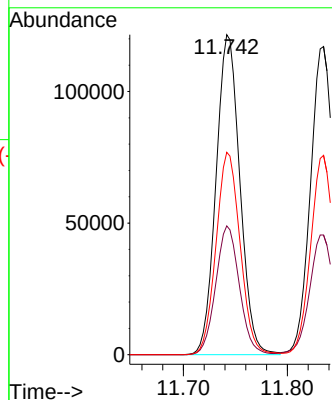
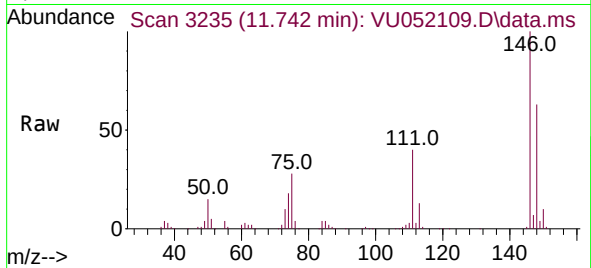




#64
1,3-Dichlorobenzene
Concen: 4.960 ug/L
RT: 11.742 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU052109.D
Acq: 24 Nov 2022 00:40

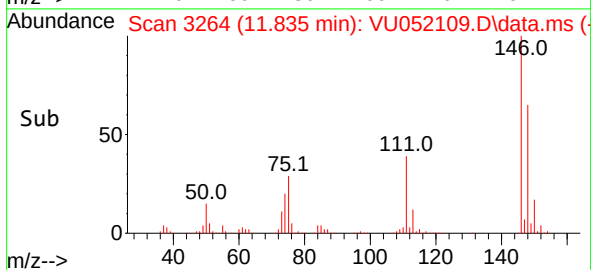
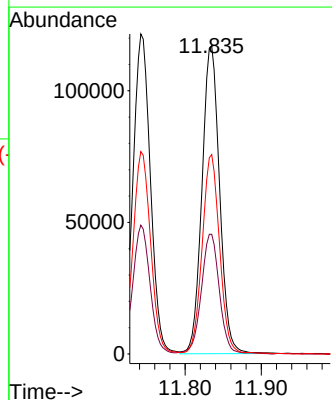
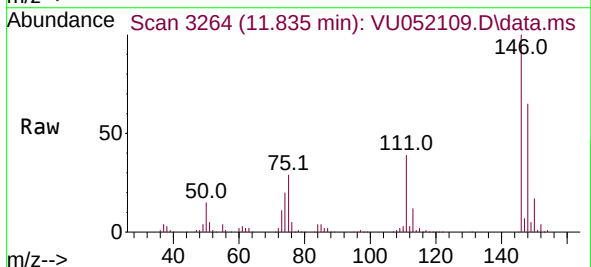
Instrument :
MSVOA_U
ClientSampleId :

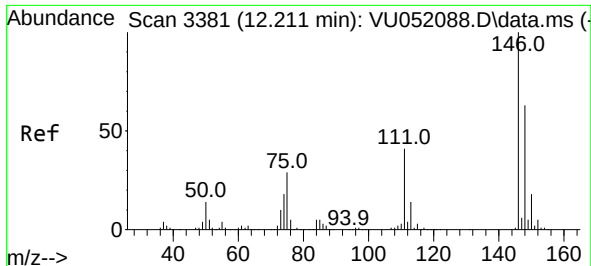
Tgt Ion:146 Resp: 194178
Ion Ratio Lower Upper
146 100
111 40.3 28.6 53.2
148 63.2 45.4 84.2



#65
1,4-Dichlorobenzene
Concen: 4.824 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.003 min
Lab File: VU052109.D
Acq: 24 Nov 2022 00:40

Tgt Ion:146 Resp: 188318
Ion Ratio Lower Upper
146 100
111 38.8 26.9 50.1
148 64.7 45.1 83.7





#67

1,2-Dichlorobenzene

Concen: 5.009 ug/L

RT: 12.208 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU052109.D

Acq: 24 Nov 2022 00:40

Instrument :

MSVOA_U

ClientSampleId :

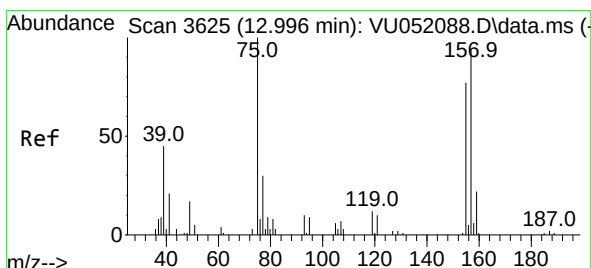
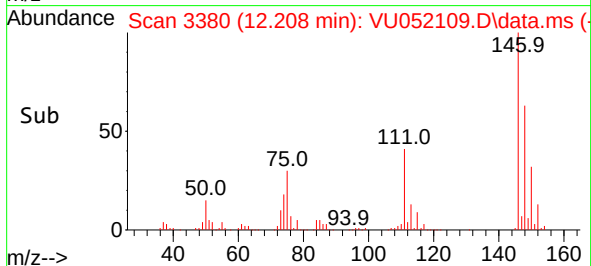
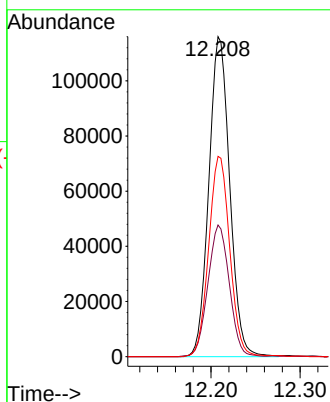
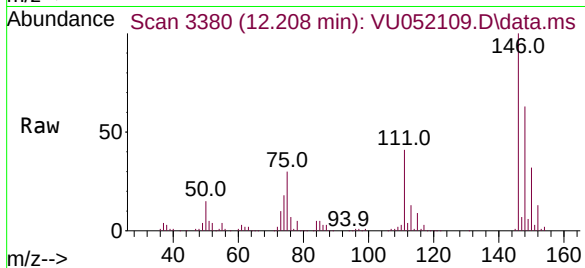
Tgt Ion:146 Resp: 188808

Ion Ratio Lower Upper

146 100

111 41.2 32.7 49.1

148 62.6 50.6 75.8



#68

1,2-Dibromo-3-chloropropane

Concen: 4.635 ug/L

RT: 12.992 min Scan# 3624

Delta R.T. -0.003 min

Lab File: VU052109.D

Acq: 24 Nov 2022 00:40

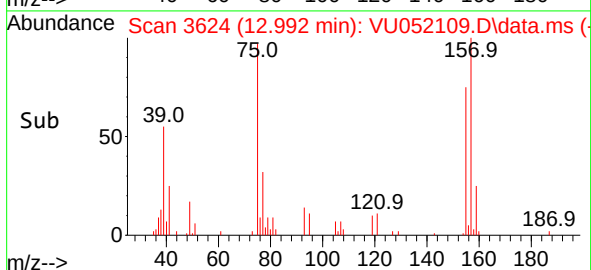
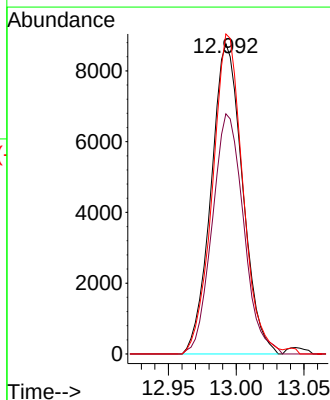
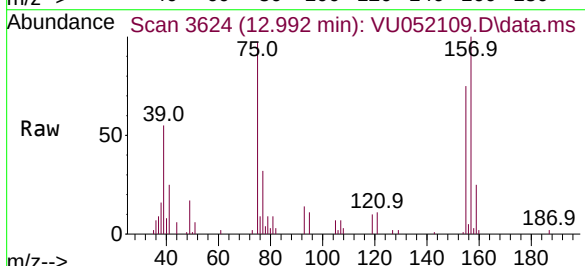
Tgt Ion: 75 Resp: 14167

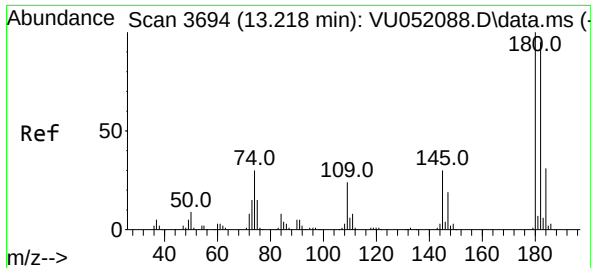
Ion Ratio Lower Upper

75 100

155 77.4 65.4 98.2

157 103.1 80.5 120.7





#69

1,3,5-Trichlorobenzene

Concen: 4.541 ug/L

RT: 13.214 min Scan# 3694

Delta R.T. -0.003 min

Lab File: VU052109.D

Acq: 24 Nov 2022 00:40

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 126042

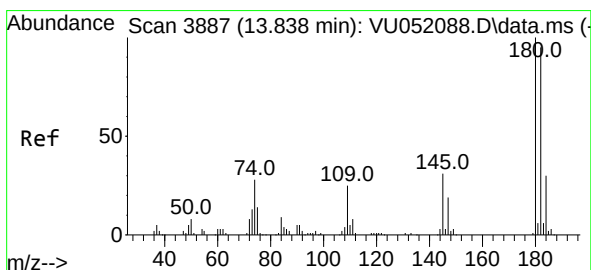
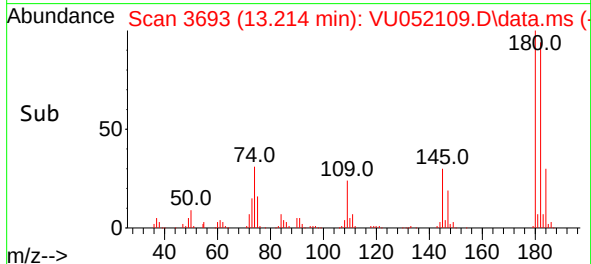
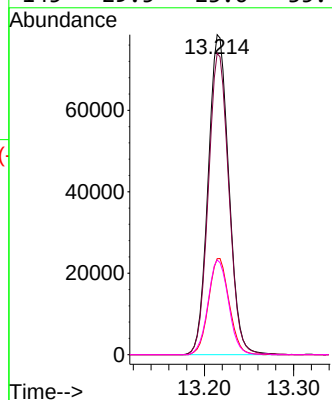
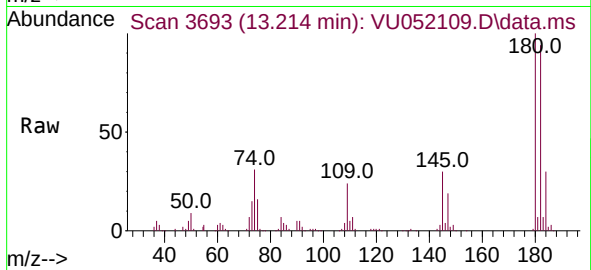
Ion Ratio Lower Upper

180 100

182 93.9 75.7 113.5

184 30.0 24.3 36.5

145 29.5 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 4.452 ug/L

RT: 13.838 min Scan# 3887

Delta R.T. -0.000 min

Lab File: VU052109.D

Acq: 24 Nov 2022 00:40

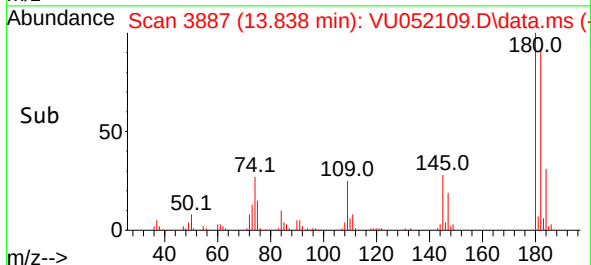
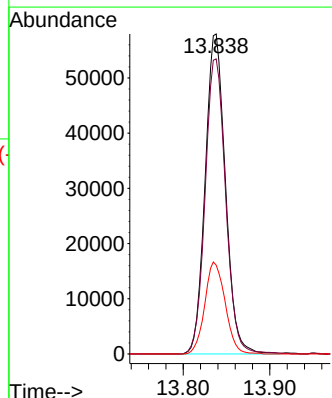
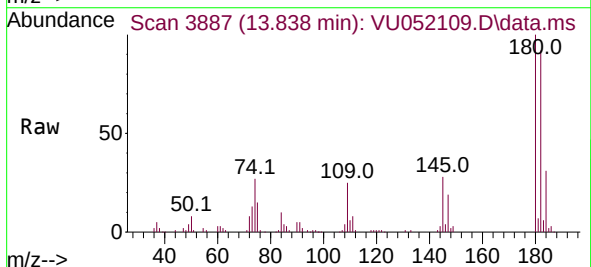
Tgt Ion:180 Resp: 94100

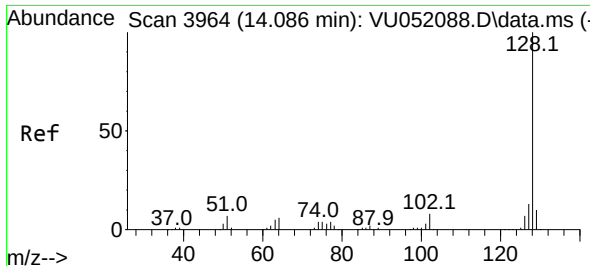
Ion Ratio Lower Upper

180 100

182 93.6 76.3 114.5

145 28.9 24.6 36.8

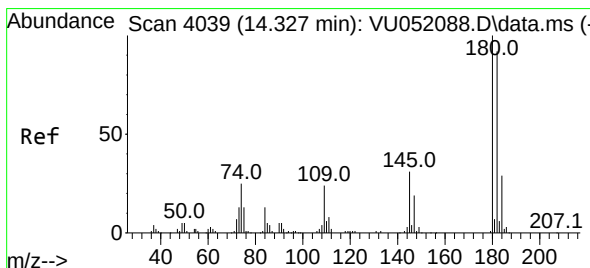
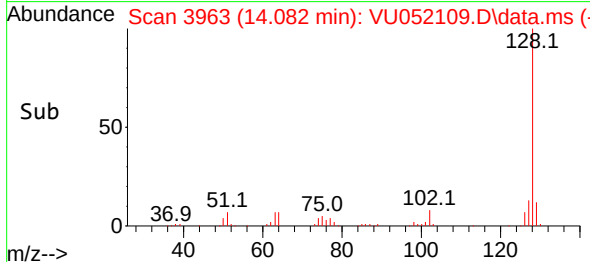
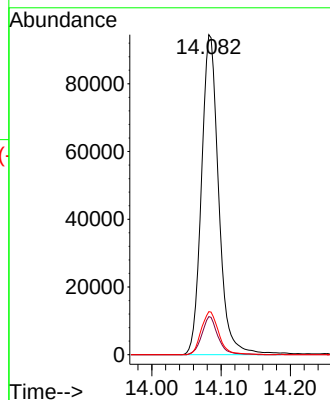
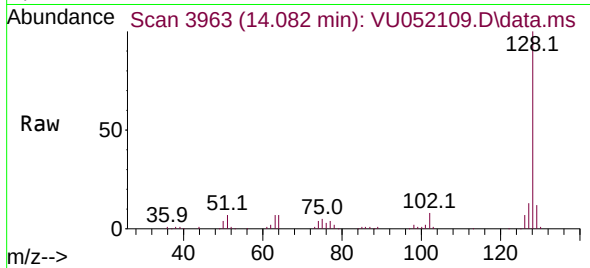




#71
Naphthalene
Concen: 4.099 ug/L
RT: 14.082 min Scan# 3964
Delta R.T. -0.003 min
Lab File: VU052109.D
Acq: 24 Nov 2022 00:40

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 162662
Ion Ratio Lower Upper
128 100
129 11.1 8.3 12.5
127 13.6 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.537 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. -0.000 min
Lab File: VU052109.D
Acq: 24 Nov 2022 00:40

Tgt Ion:180 Resp: 94344
Ion Ratio Lower Upper
180 100
182 95.5 75.7 113.5
145 32.5 24.5 36.7

