

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U092922\
 Data File : VU051001.D
 Acq On : 29 Sep 2022 23:58
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 30 01:53:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 30 01:30:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	338961	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	342785	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	165389	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	151069	43.977	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.960%
7) Chloroethane-d5	1.903	69	173013	54.219	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.440%
11) 1,1-Dichloroethene-d2	2.565	63	232363	45.792	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.580%
21) 2-Butanone-d5	4.623	46	206078	92.494	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.490%
24) Chloroform-d	5.060	84	267541	48.341	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.680%
26) 1,2-Dichloroethane-d4	5.700	65	162971	47.573	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.140%
32) Benzene-d6	5.726	84	527315	52.532	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.060%
36) 1,2-Dichloropropane-d6	6.687	67	170456	52.331	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.660%
41) Toluene-d8	7.896	98	487408	52.554	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.100%
43) trans-1,3-Dichloroprop...	8.176	79	74093	47.691	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.380%
47) 2-Hexanone-d5	8.632	63	124470	94.638	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.640%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	268813	47.221	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.440%
66) 1,2-Dichlorobenzene-d4	12.192	152	171015	48.403	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	127978	45.025	ug/L	99
3) Chloromethane	1.520	50	157355	46.856	ug/L	100
5) Vinyl chloride	1.604	62	161088	45.198	ug/L	99
6) Bromomethane	1.851	94	137130	46.450	ug/L	100
8) Chloroethane	1.925	64	119813	45.781	ug/L	97
9) Trichlorofluoromethane	2.134	101	234065	48.842	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	116885	45.169	ug/L	100
12) 1,1-Dichloroethene	2.578	96	112486	46.536	ug/L	95
13) Acetone	2.630	43	145734	81.912	ug/L	99
14) Carbon disulfide	2.790	76	323641	45.295	ug/L	99
15) Methyl Acetate	2.948	43	155282	47.806	ug/L	98
16) Methylene chloride	3.041	84	146503	42.220	ug/L	100
17) trans-1,2-Dichloroethene	3.353	96	120641	46.913	ug/L	94
18) Methyl tert-butyl Ether	3.363	73	379379	48.546	ug/L	100
19) 1,1-Dichloroethane	3.867	63	236808	48.479	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	139973	48.749	ug/L	96
22) 2-Butanone	4.700	43	230202	93.649	ug/L	99
23) Bromochloromethane	4.973	128	76482	48.615	ug/L	98
25) Chloroform	5.086	83	258468	48.645	ug/L	98

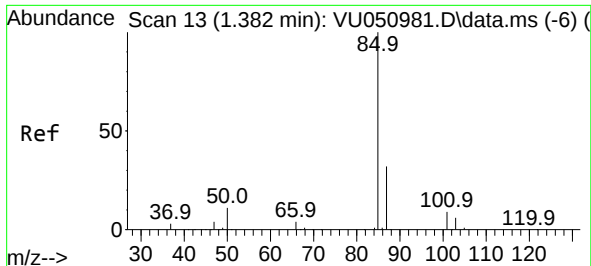
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092922\
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 Quant Title : VOC Analysis
 QLast Update : Fri Sep 30 01:30:03 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	197056	48.415	ug/L	98
29) Cyclohexane	5.388	56	167233	50.104	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	204511	50.872	ug/L	100
31) Carbon tetrachloride	5.523	117	162382	49.506	ug/L	98
33) Benzene	5.771	78	572340	54.767	ug/L	100
34) Trichloroethene	6.539	95	135263	49.972	ug/L	98
35) Methylcyclohexane	6.761	83	174781	47.443	ug/L	98
37) 1,2-Dichloropropane	6.790	63	150303	53.409	ug/L	100
38) Bromodichloromethane	7.102	83	195706	52.110	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	199208	49.983	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	428492	105.138	ug/L	99
42) Toluene	7.967	91	596826	53.692	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	196185	48.684	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	152641	50.074	ug/L	99
46) Tetrachloroethene	8.552	164	101127	49.300	ug/L	93
48) 2-Hexanone	8.684	43	371510	100.360	ug/L	100
49) Dibromochloromethane	8.809	129	155485	48.515	ug/L	100
50) 1,2-Dibromoethane	8.922	107	161722	48.933	ug/L	98
51) Chlorobenzene	9.446	112	357856	47.340	ug/L	99
52) Ethylbenzene	9.568	91	573176	48.342	ug/L	100
53) m,p-Xylene	9.690	106	222627	49.931	ug/L	100
54) o-Xylene	10.099	106	223045	50.049	ug/L	100
55) Styrene	10.112	104	396489	51.475	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	266110	49.326	ug/L	100
59) Bromoform	10.288	173	119368	49.052	ug/L	99
60) 1,2,3-Trichloropropane	10.819	75	211554	48.607	ug/L	100
61) Isopropylbenzene	10.481	105	548042	51.010	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	453214	51.588	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	449386	51.036	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	255517	46.133	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	254996	46.056	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	274146	48.175	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	60112	47.328	ug/L	93
69) 1,3,5-Trichlorobenzene	13.217	180	162324	43.218	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	123336	40.134	ug/L	98
71) Naphthalene	14.082	128	467765	42.528	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	149754	43.671	ug/L	99

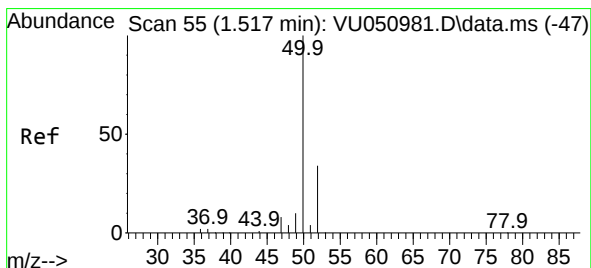
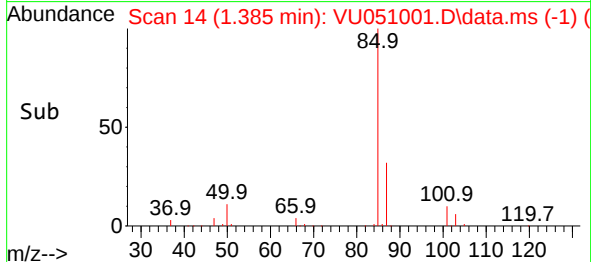
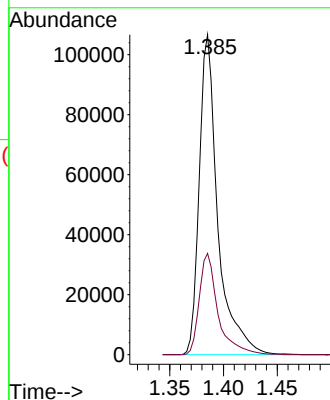
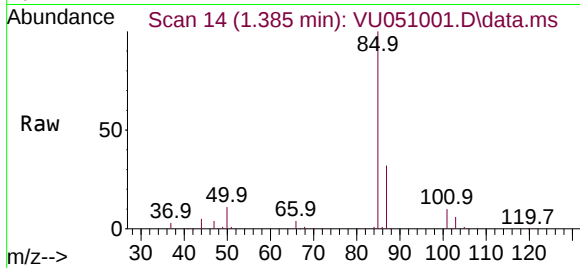
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 45.025 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU051001.D
Acq: 29 Sep 2022 23:58

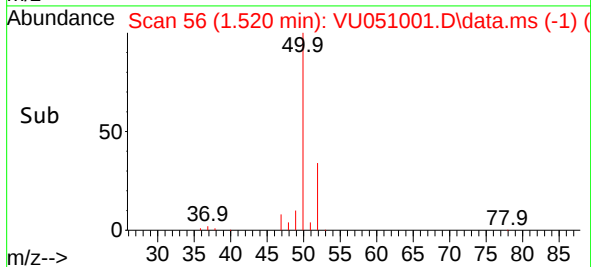
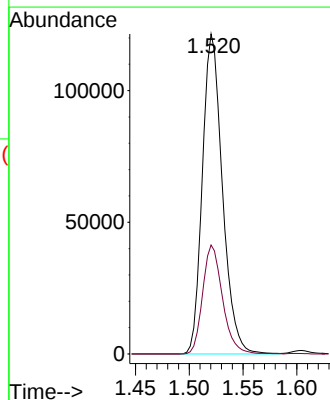
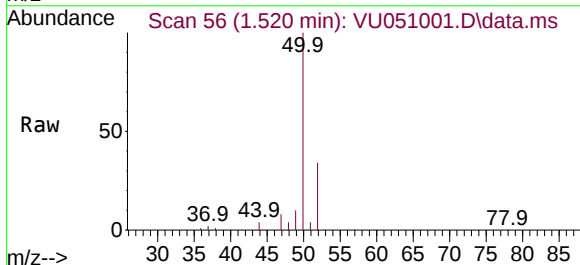
Instrument :
MSVOA_U
ClientSampleId :

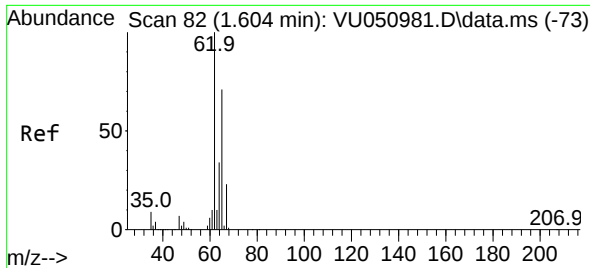
Tgt Ion: 85 Resp: 127978
Ion Ratio Lower Upper
85 100
87 32.0 25.9 38.9



#3
Chloromethane
Concen: 46.856 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.003 min
Lab File: VU051001.D
Acq: 29 Sep 2022 23:58

Tgt Ion: 50 Resp: 157355
Ion Ratio Lower Upper
50 100
52 34.1 23.7 44.1

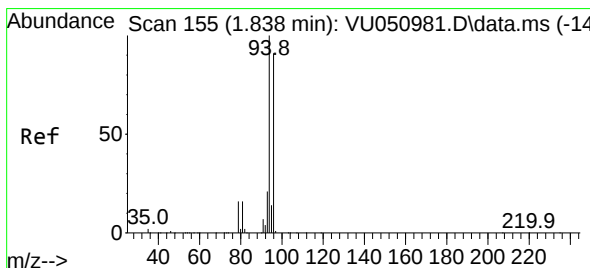
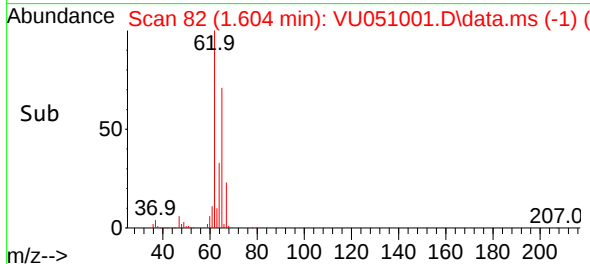
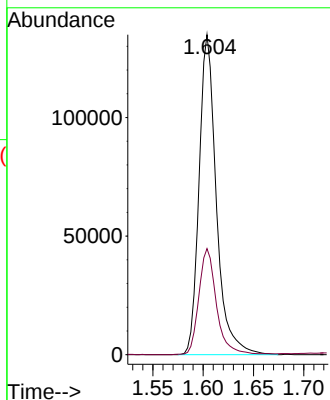
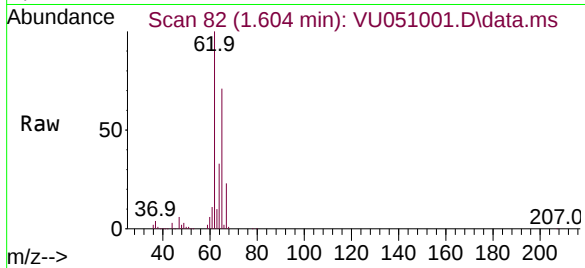




#5
 Vinyl chloride
 Concen: 45.198 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU051001.D
 Acq: 29 Sep 2022 23:58

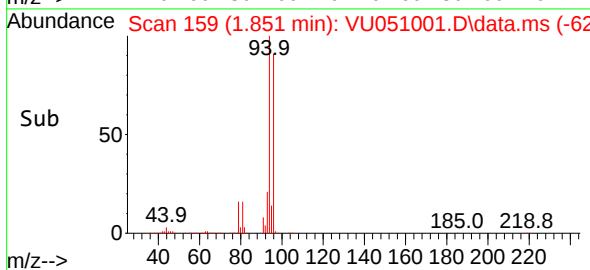
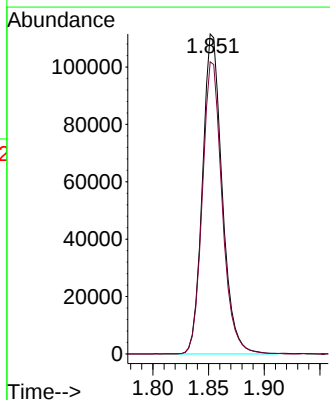
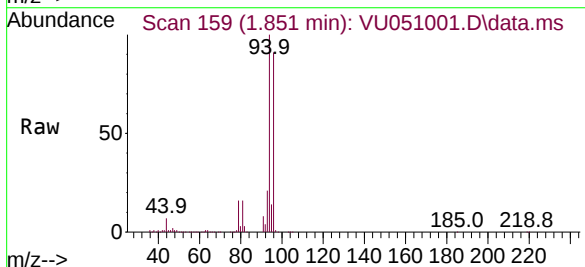
Instrument :
 MSVOA_U
 ClientSampleId :

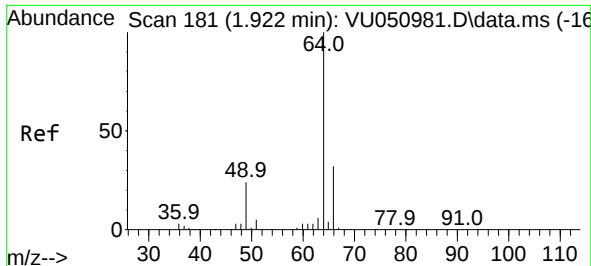
Tgt Ion: 62 Resp: 161088
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.5 43.7



#6
 Bromomethane
 Concen: 46.450 ug/L
 RT: 1.851 min Scan# 159
 Delta R.T. 0.013 min
 Lab File: VU051001.D
 Acq: 29 Sep 2022 23:58

Tgt Ion: 94 Resp: 137130
 Ion Ratio Lower Upper
 94 100
 96 91.3 63.9 118.7

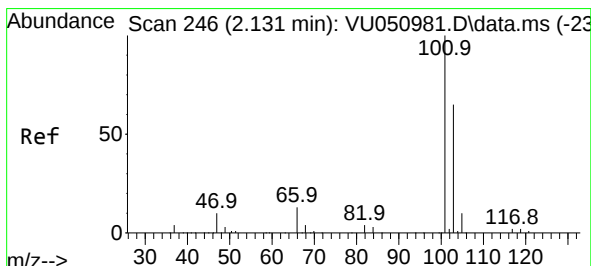
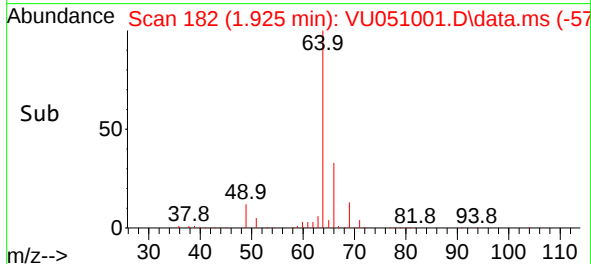
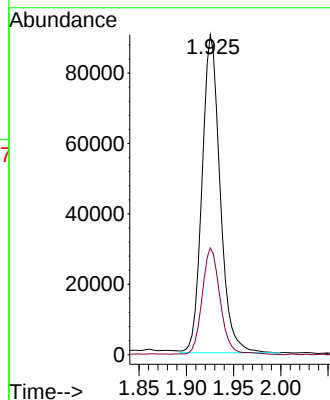
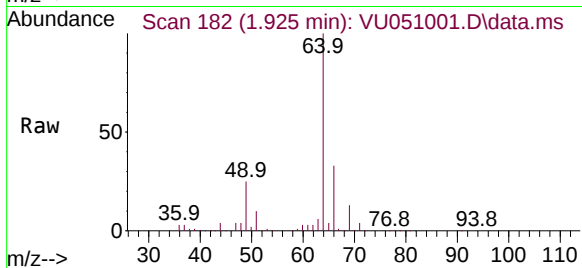




#8
Chloroethane
Concen: 45.781 ug/L
RT: 1.925 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU051001.D
Acq: 29 Sep 2022 23:58

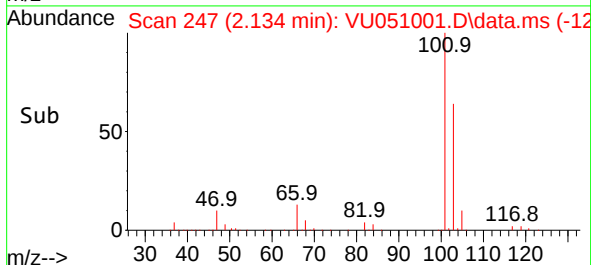
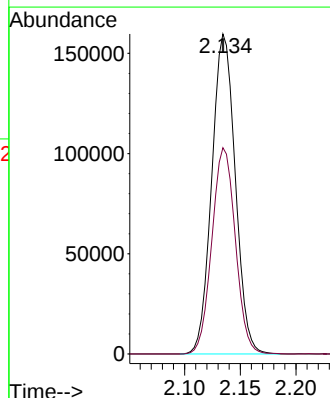
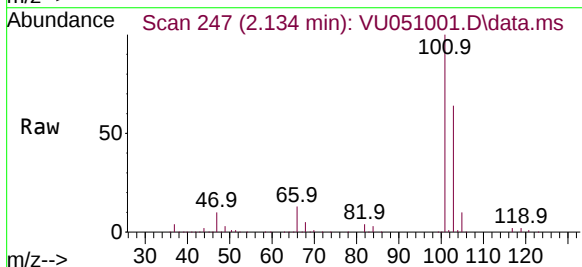
Instrument :
MSVOA_U
ClientSampleId :

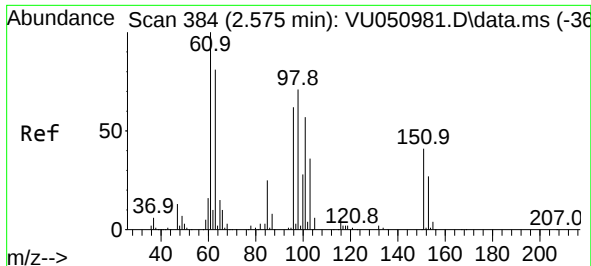
Tgt Ion: 64 Resp: 119813
Ion Ratio Lower Upper
64 100
66 33.4 22.3 41.3



#9
Trichlorofluoromethane
Concen: 48.842 ug/L
RT: 2.134 min Scan# 247
Delta R.T. 0.003 min
Lab File: VU051001.D
Acq: 29 Sep 2022 23:58

Tgt Ion:101 Resp: 234065
Ion Ratio Lower Upper
101 100
103 64.5 51.8 77.6





#10

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

Concen: 45.169 ug/L

RT: 2.578 min Scan# 385

Delta R.T. 0.003 min

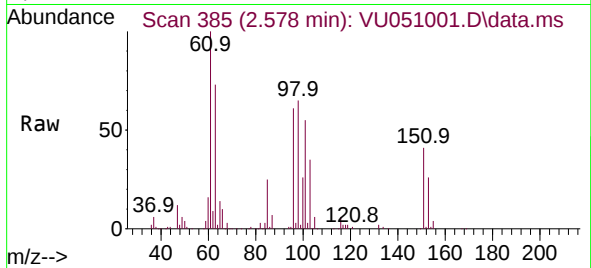
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Acq: 29 Sep 2022 23:58

Instrument :

MSVOA_U

ClientSampleId :



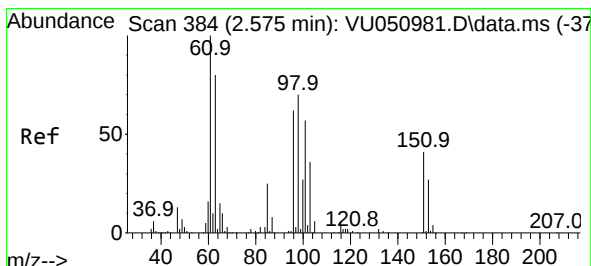
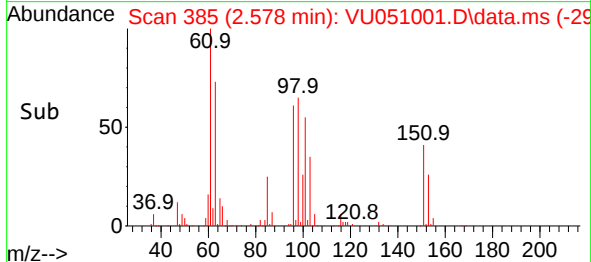
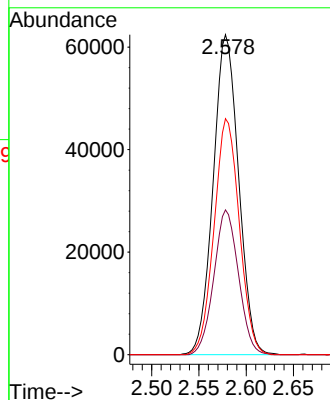
Tgt Ion:101 Resp: 116885

Ion Ratio Lower Upper

101 100

85 43.7 34.6 52.0

151 73.1 58.6 87.8



#12

1,1-Dichloroethene

Concen: 46.536 ug/L

RT: 2.578 min Scan# 385

Delta R.T. 0.003 min

Lab File: VU051001.D

Acq: 29 Sep 2022 23:58

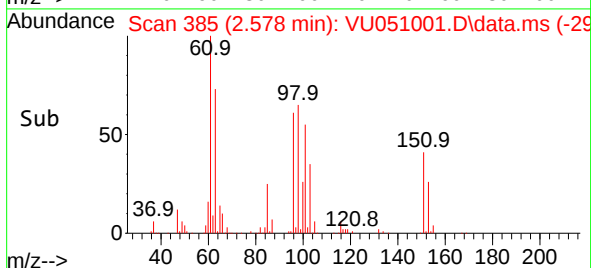
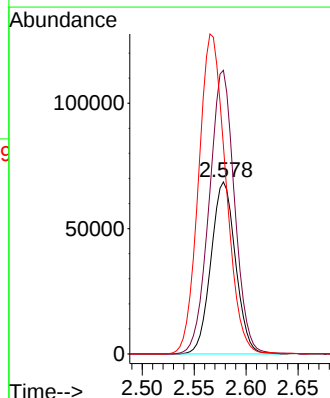
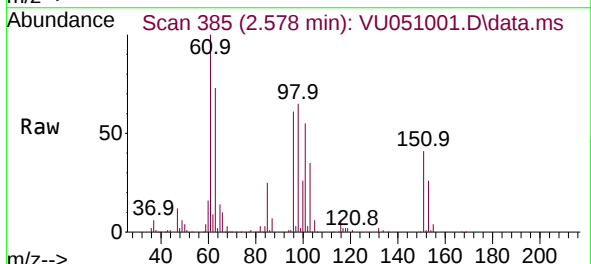
Tgt Ion: 96 Resp: 112486

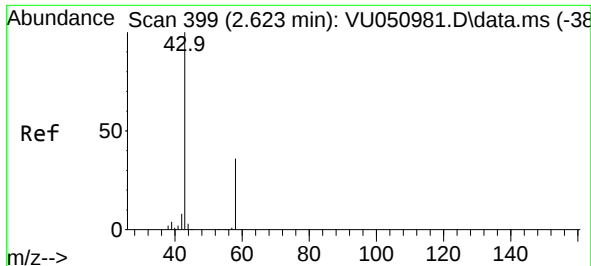
Ion Ratio Lower Upper

96 100

61 165.0 113.0 209.9

63 121.1 91.7 170.3





#13

Acetone

Concen: 81.912 ug/L

RT: 2.630 min Scan# 401

Delta R.T. 0.007 min

Lab File: VU051001.D

Acq: 29 Sep 2022 23:58

Instrument :

MSVOA_U

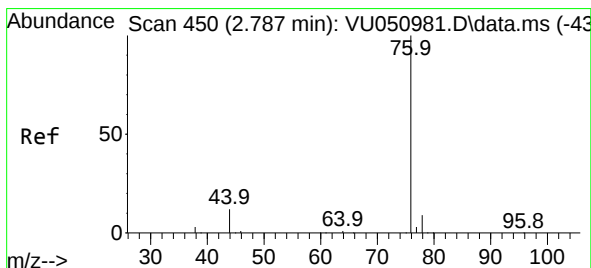
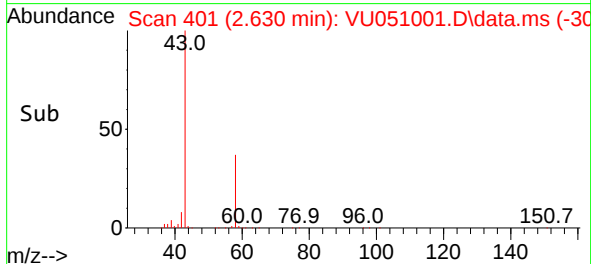
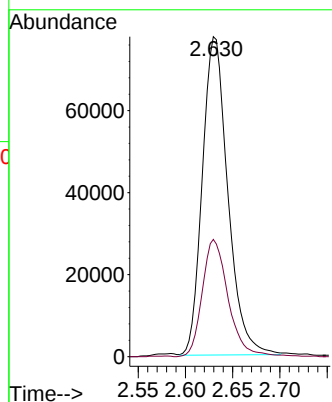
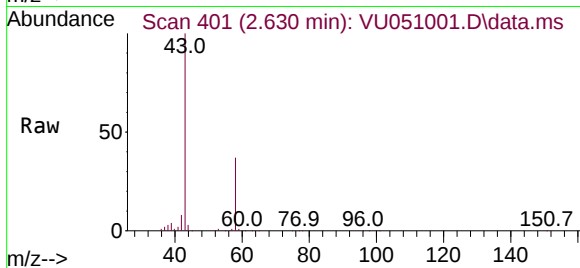
ClientSampleId :

Tgt Ion: 43 Resp: 145734

Ion Ratio Lower Upper

43 100

58 37.3 0.0 73.6



#14

Carbon disulfide

Concen: 45.295 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.003 min

Lab File: VU051001.D

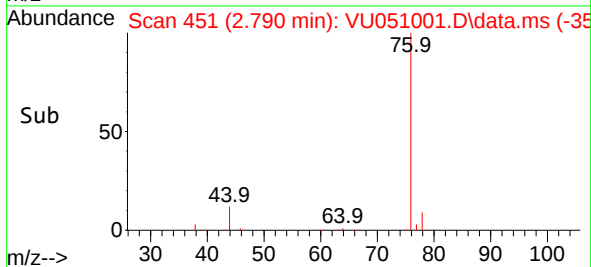
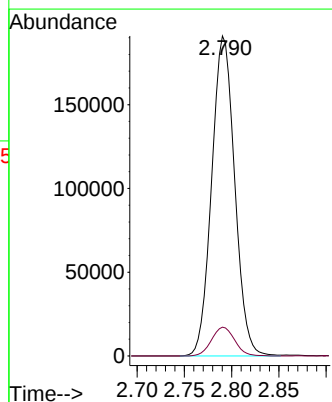
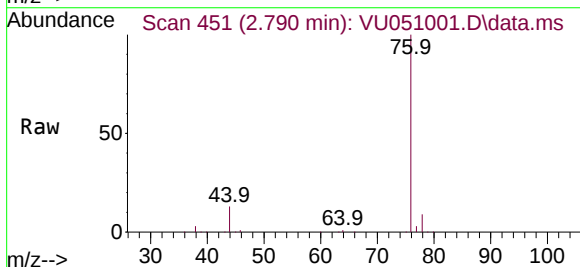
Acq: 29 Sep 2022 23:58

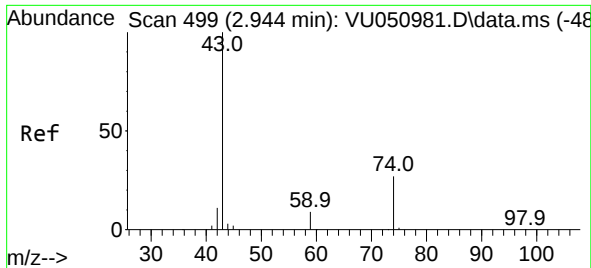
Tgt Ion: 76 Resp: 323641

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0

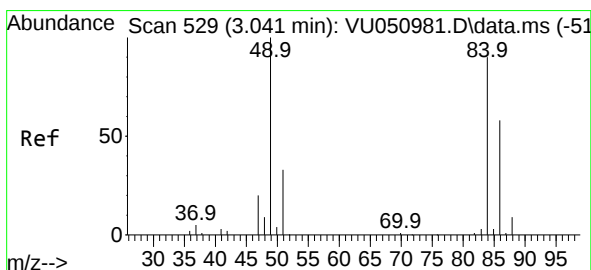
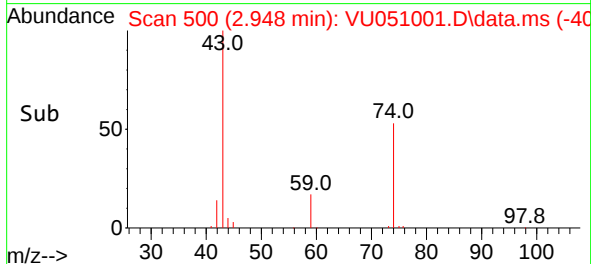
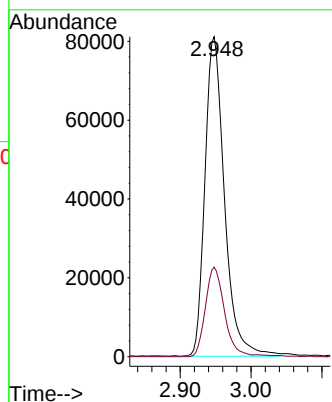
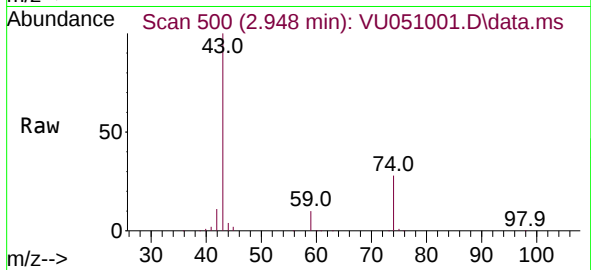




#15
Methyl Acetate
Concen: 47.806 ug/L
RT: 2.948 min Scan# 500
Delta R.T. 0.003 min
Lab File: VU051001.D
Acq: 29 Sep 2022 23:58

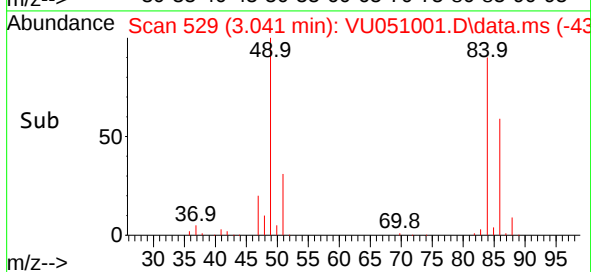
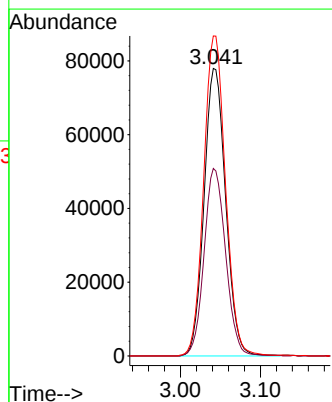
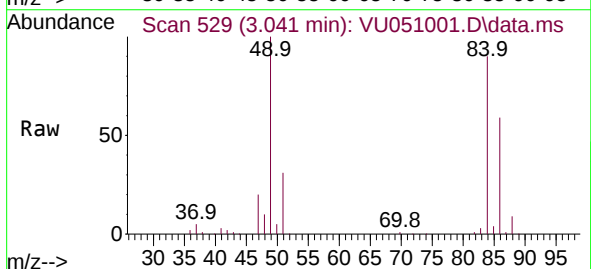
Instrument :
MSVOA_U
ClientSampleId :

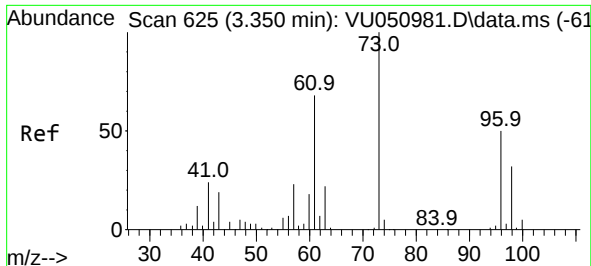
Tgt Ion: 43 Resp: 155282
Ion Ratio Lower Upper
43 100
74 27.1 22.4 33.6



#16
Methylene chloride
Concen: 42.220 ug/L
RT: 3.041 min Scan# 529
Delta R.T. 0.000 min
Lab File: VU051001.D
Acq: 29 Sep 2022 23:58

Tgt Ion: 84 Resp: 146503
Ion Ratio Lower Upper
84 100
86 65.2 45.4 84.4
49 111.3 78.3 145.3





#17

trans-1,2-Dichloroethene

Concen: 46.913 ug/L

RT: 3.353 min Scan# 61

Delta R.T. 0.003 min

Lab File: VU051001.D

Acq: 29 Sep 2022 23:58

Instrument :

MSVOA_U

ClientSampleId :

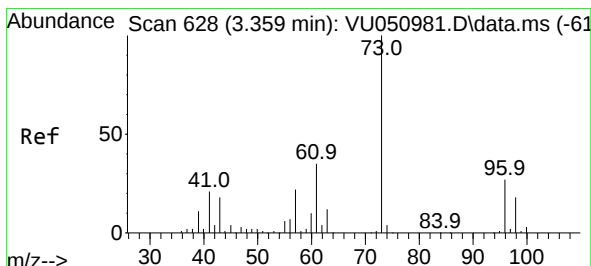
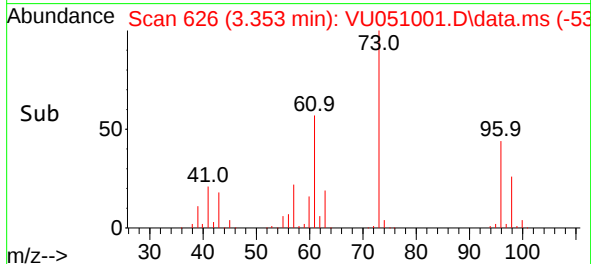
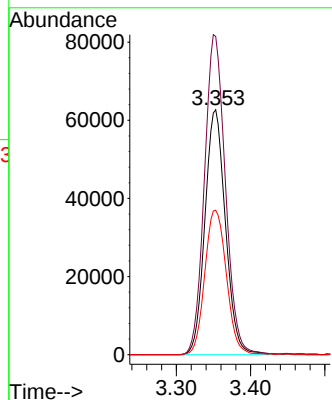
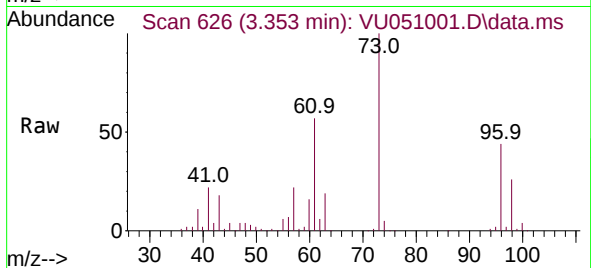
Tgt Ion: 96 Resp: 120641

Ion Ratio Lower Upper

96 100

61 129.9 95.1 176.5

98 59.0 45.1 83.7



#18

Methyl tert-butyl Ether

Concen: 48.546 ug/L

RT: 3.363 min Scan# 629

Delta R.T. 0.003 min

Lab File: VU051001.D

Acq: 29 Sep 2022 23:58

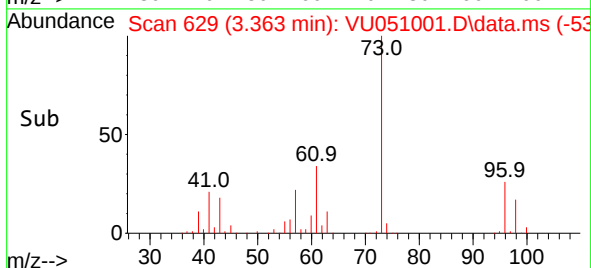
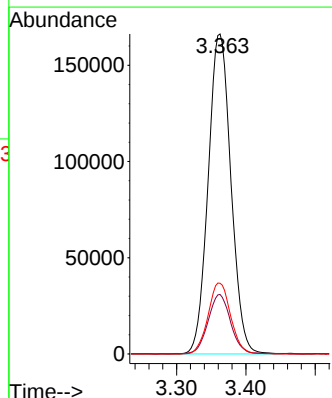
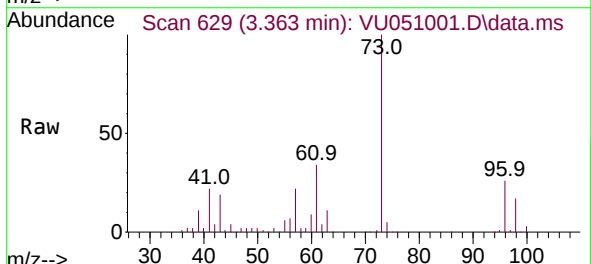
Tgt Ion: 73 Resp: 379379

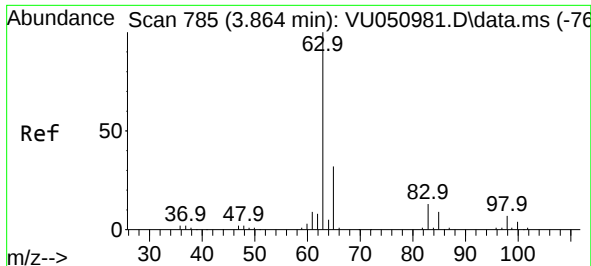
Ion Ratio Lower Upper

73 100

43 18.4 14.7 22.1

57 22.0 17.5 26.3





#19

1,1-Dichloroethane

Concen: 48.479 ug/L

RT: 3.867 min Scan# 785

Delta R.T. 0.003 min

Lab File: VU051001.D

Acq: 29 Sep 2022 23:58

Instrument :

MSVOA_U

ClientSampleId :

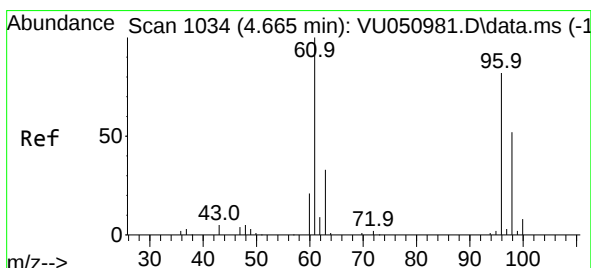
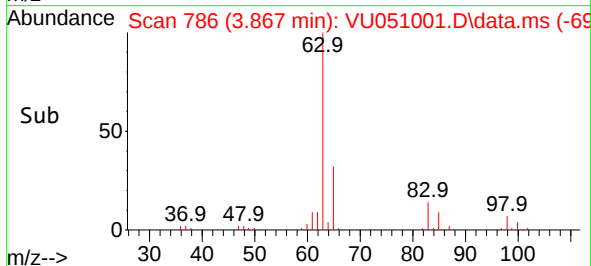
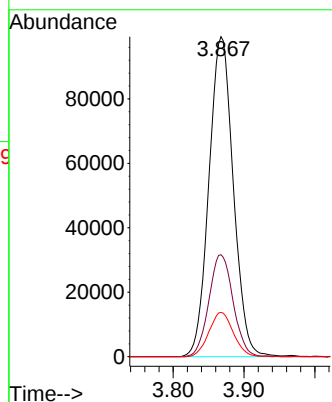
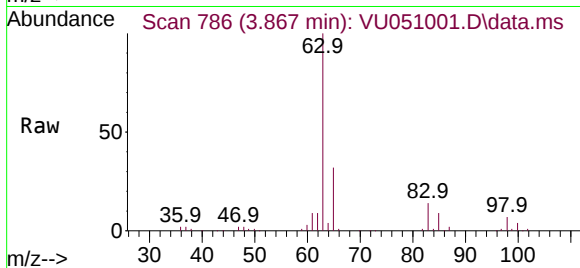
Tgt Ion: 63 Resp: 236808

Ion Ratio Lower Upper

63 100

65 31.9 22.6 42.0

83 13.8 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 48.749 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU051001.D

Acq: 29 Sep 2022 23:58

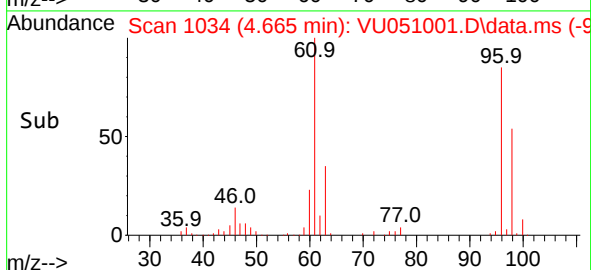
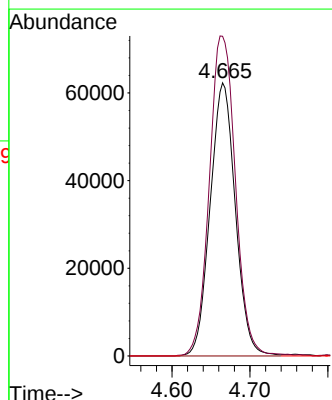
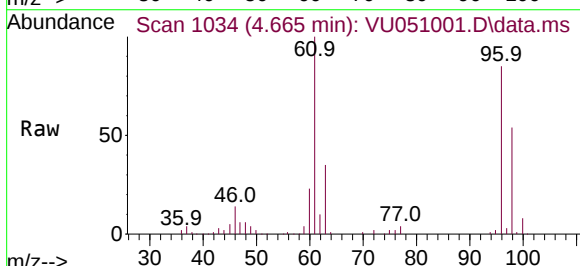
Tgt Ion: 96 Resp: 139973

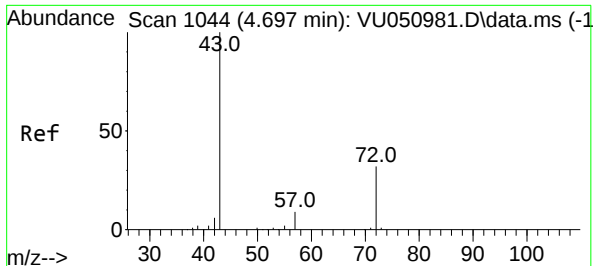
Ion Ratio Lower Upper

96 100

61 117.1 85.4 158.6

68 0.0 0.0 0.0

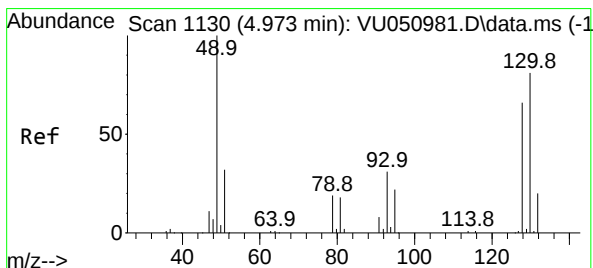
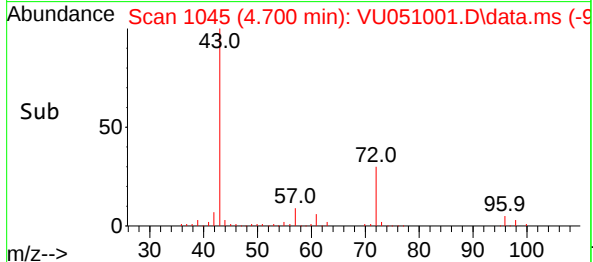
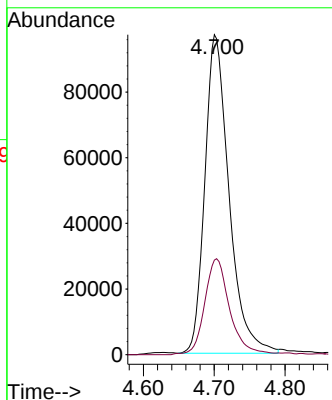
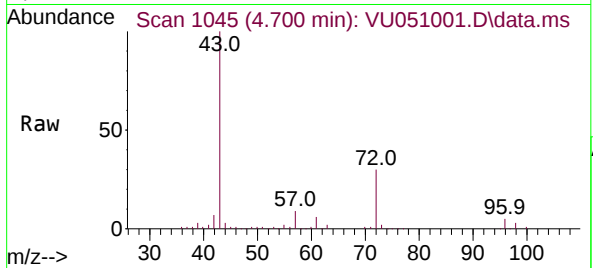




#22
2-Butanone
Concen: 93.649 ug/L
RT: 4.700 min Scan# 1044
Delta R.T. 0.003 min
Lab File: VU051001.D
Acq: 29 Sep 2022 23:58

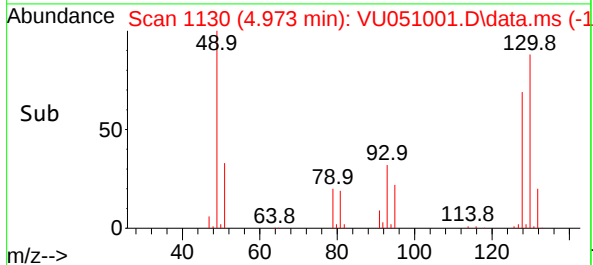
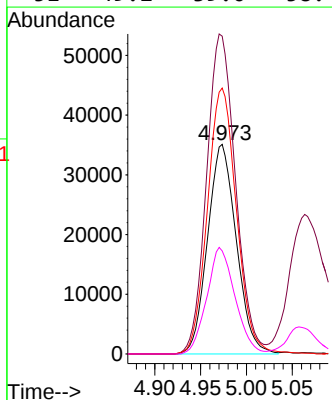
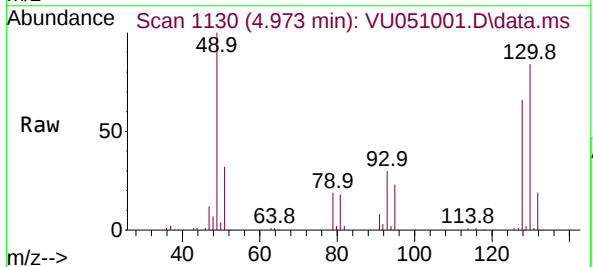
Instrument :
MSVOA_U
ClientSampleId :

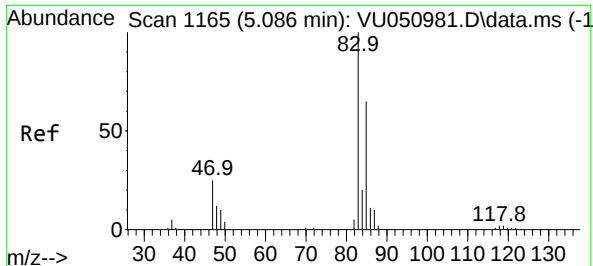
Tgt Ion: 43 Resp: 230202
Ion Ratio Lower Upper
43 100
72 31.0 15.8 47.4



#23
Bromochloromethane
Concen: 48.615 ug/L
RT: 4.973 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VU051001.D
Acq: 29 Sep 2022 23:58

Tgt Ion:128 Resp: 76482
Ion Ratio Lower Upper
128 100
49 151.6 106.9 198.5
130 126.9 86.2 160.0
51 49.2 39.0 58.4

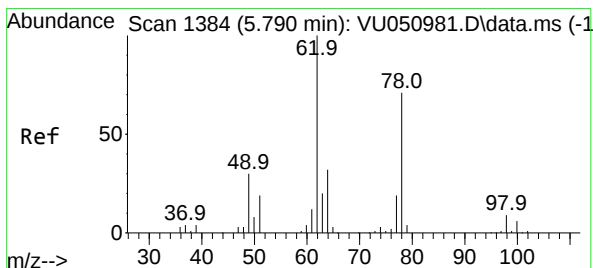
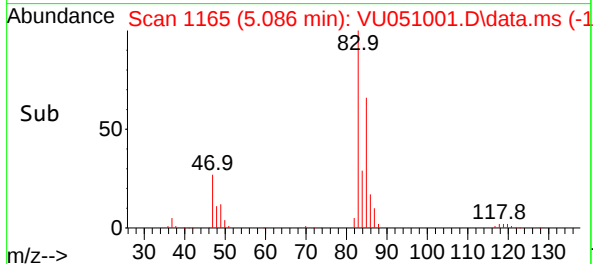
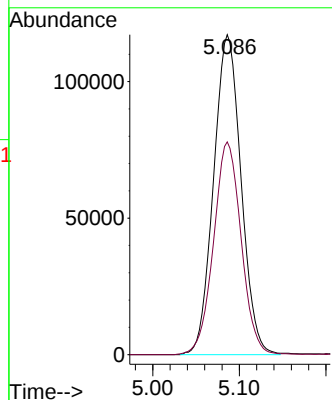
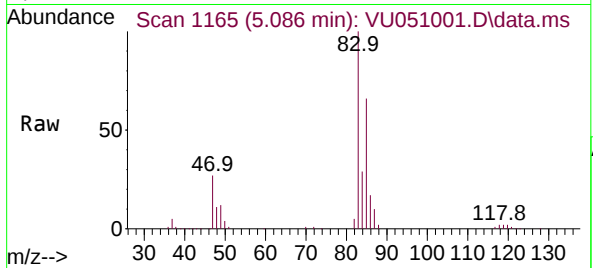




#25
Chloroform
Concen: 48.645 ug/L
RT: 5.086 min Scan# 1165
Delta R.T. 0.000 min
Lab File: VU051001.D
Acq: 29 Sep 2022 23:58

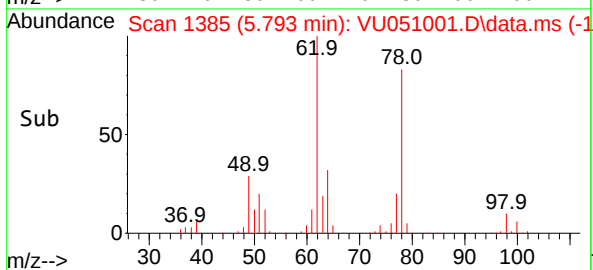
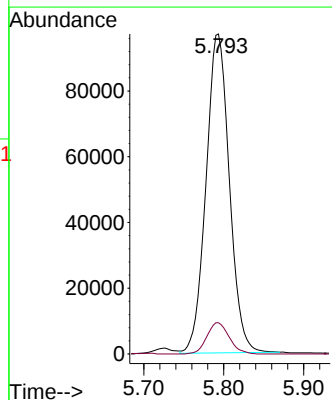
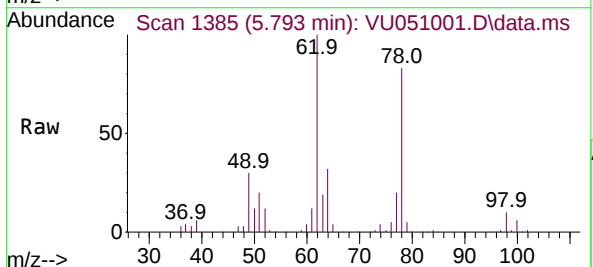
Instrument :
MSVOA_U
ClientSampleId :

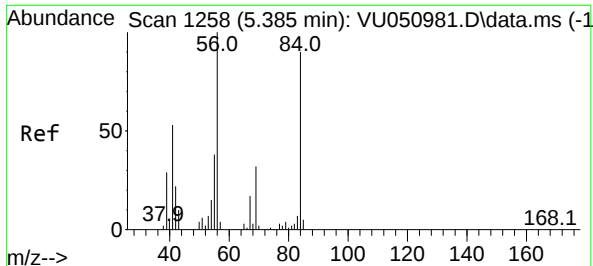
Tgt Ion: 83 Resp: 258468
Ion Ratio Lower Upper
83 100
85 66.5 45.7 84.9



#27
1,2-Dichloroethane
Concen: 48.415 ug/L
RT: 5.793 min Scan# 1385
Delta R.T. 0.003 min
Lab File: VU051001.D
Acq: 29 Sep 2022 23:58

Tgt Ion: 62 Resp: 197056
Ion Ratio Lower Upper
62 100
98 9.8 7.3 10.9





#29

Cyclohexane

Concen: 50.104 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. 0.003 min

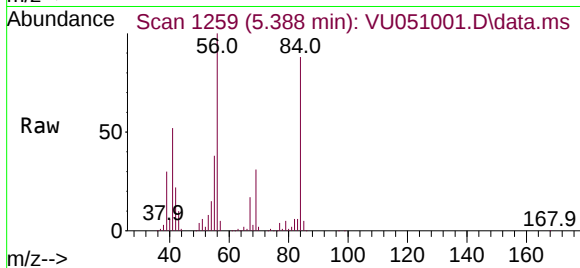
Lab File: VU051001.D

Acq: 29 Sep 2022 23:58

Instrument :

MSVOA_U

ClientSampleId :



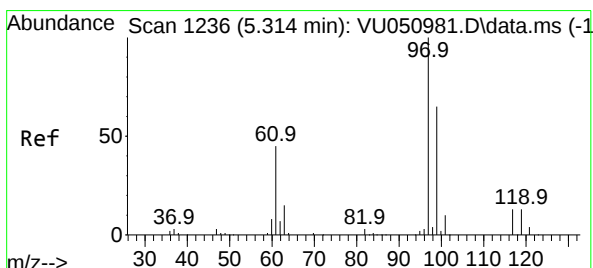
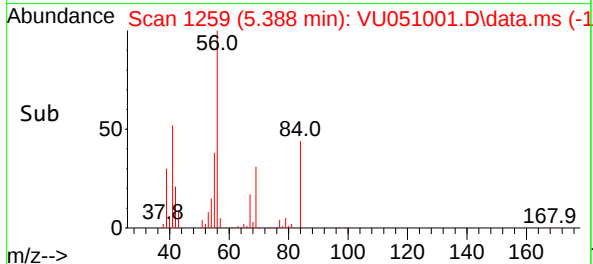
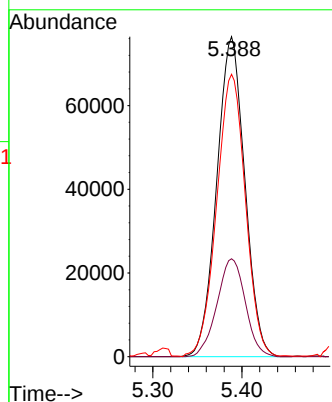
Tgt Ion: 56 Resp: 167233

Ion Ratio Lower Upper

56 100

69 30.9 24.8 37.2

84 90.4 71.8 107.6



#30

1,1,1-Trichloroethane

Concen: 50.872 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. 0.000 min

Lab File: VU051001.D

Acq: 29 Sep 2022 23:58

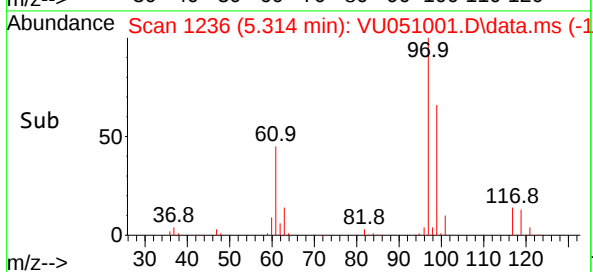
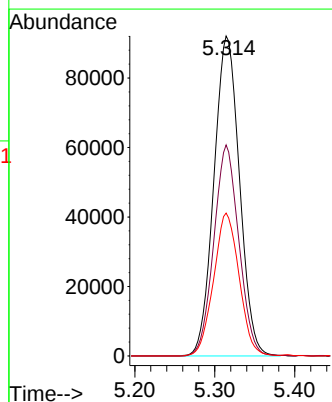
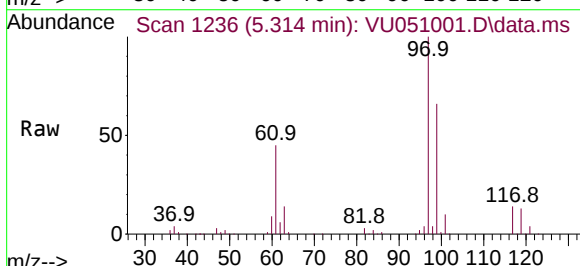
Tgt Ion: 97 Resp: 204511

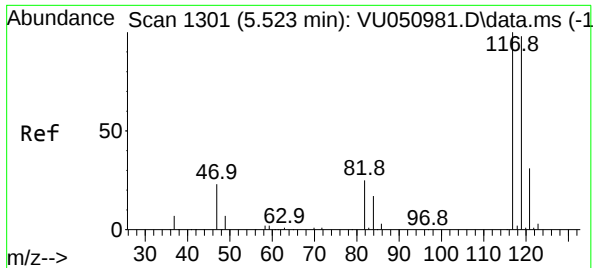
Ion Ratio Lower Upper

97 100

99 64.5 51.4 77.2

61 44.6 36.0 54.0

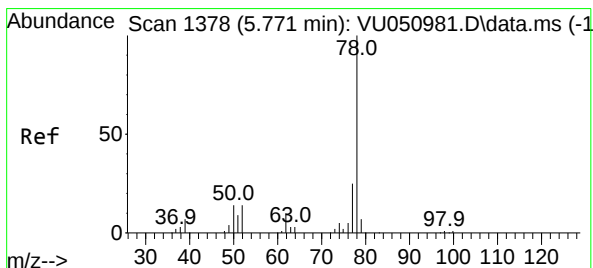
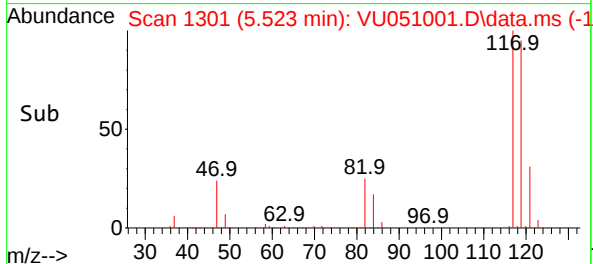
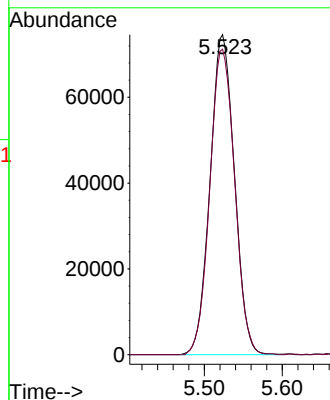
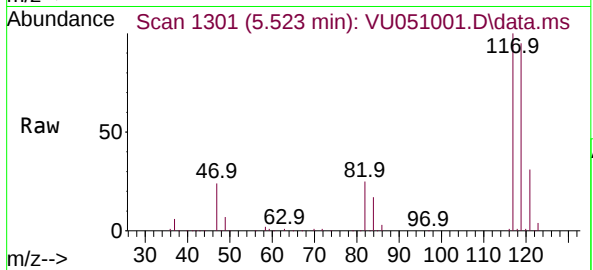




#31
Carbon tetrachloride
Concen: 49.506 ug/L
RT: 5.523 min Scan# 1301
Delta R.T. 0.000 min
Lab File: VU051001.D
Acq: 29 Sep 2022 23:58

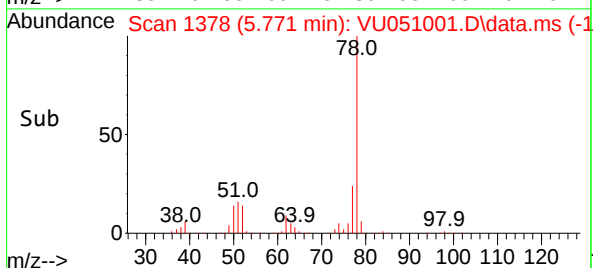
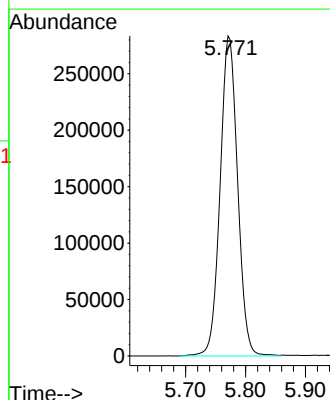
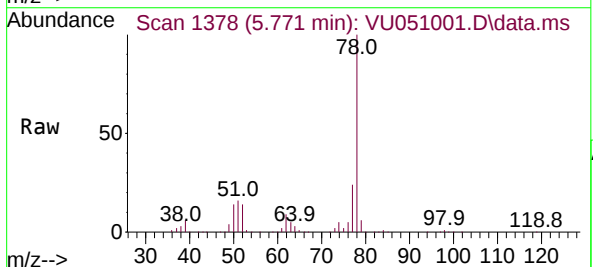
Instrument :
MSVOA_U
ClientSampleId :

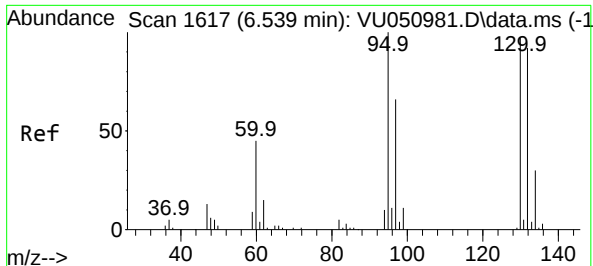
Tgt Ion:117 Resp: 162382
Ion Ratio Lower Upper
117 100
119 97.0 75.7 113.5



#33
Benzene
Concen: 54.767 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VU051001.D
Acq: 29 Sep 2022 23:58

Tgt Ion: 78 Resp: 572340





#34

Trichloroethene

Concen: 49.972 ug/L

RT: 6.539 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU051001.D

Acq: 29 Sep 2022 23:58

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 135263

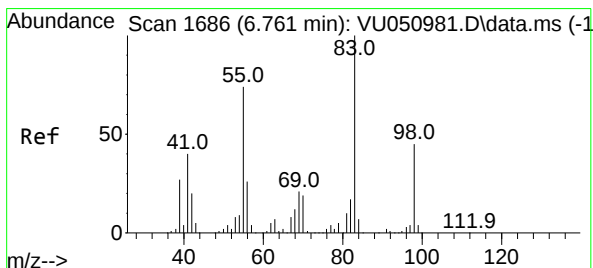
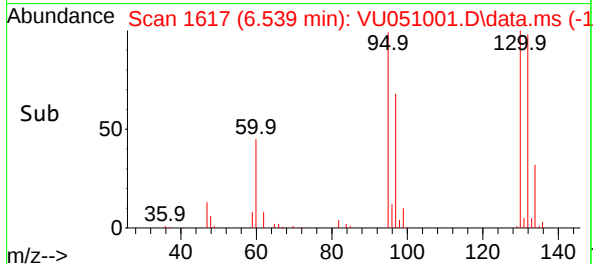
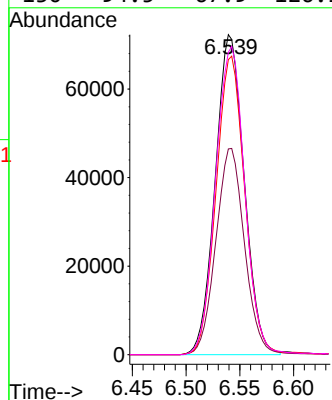
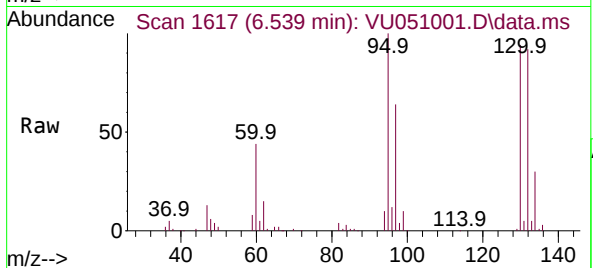
Ion Ratio Lower Upper

95 100

97 64.3 45.9 85.3

132 92.2 64.0 119.0

130 94.5 67.9 126.1



#35

Methylcyclohexane

Concen: 47.443 ug/L

RT: 6.761 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VU051001.D

Acq: 29 Sep 2022 23:58

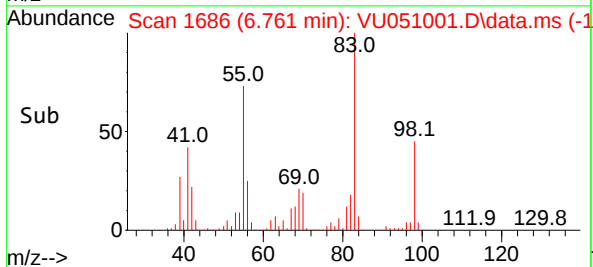
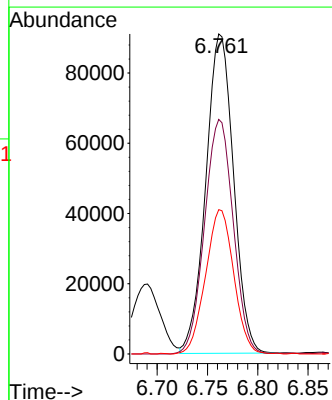
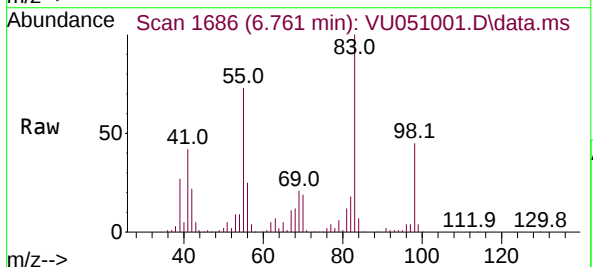
Tgt Ion: 83 Resp: 174781

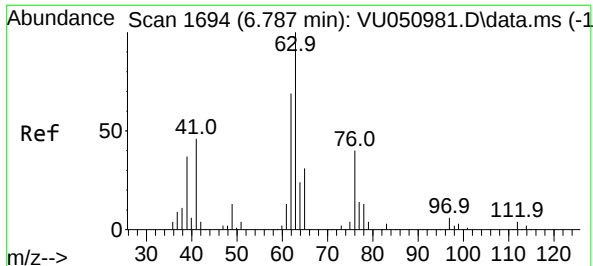
Ion Ratio Lower Upper

83 100

55 75.8 59.3 88.9

98 45.8 36.0 54.0





#37

1,2-Dichloropropane

Concen: 53.409 ug/L

RT: 6.790 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU051001.D

Acq: 29 Sep 2022 23:58

Instrument :

MSVOA_U

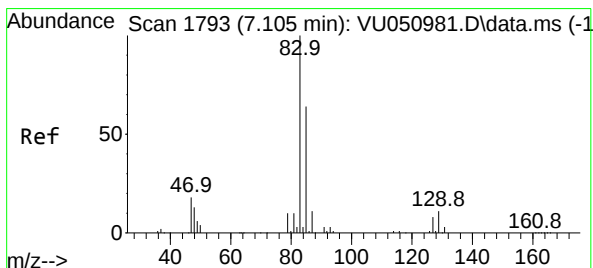
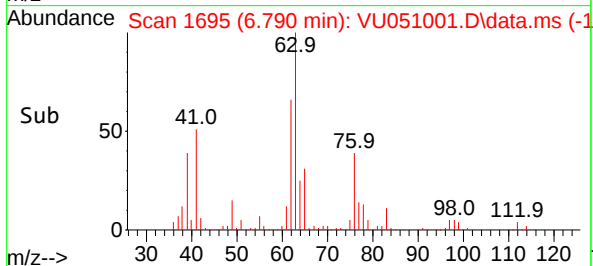
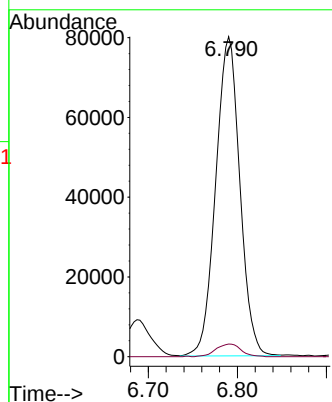
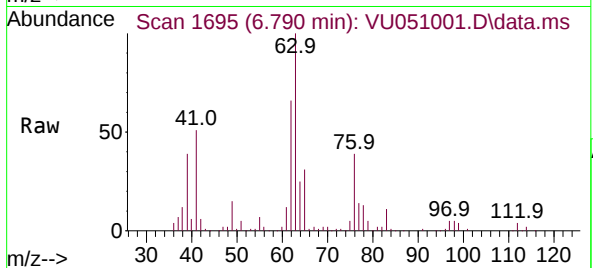
ClientSampleId :

Tgt Ion: 63 Resp: 150303

Ion Ratio Lower Upper

63 100

112 4.2 3.3 4.9



#38

Bromodichloromethane

Concen: 52.110 ug/L

RT: 7.102 min Scan# 1792

Delta R.T. -0.003 min

Lab File: VU051001.D

Acq: 29 Sep 2022 23:58

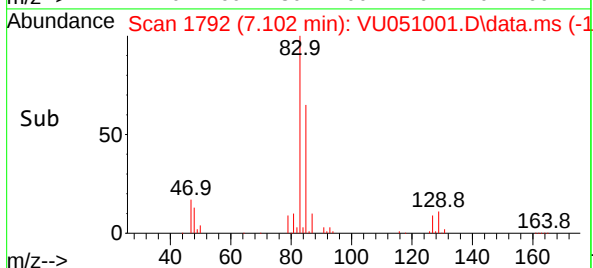
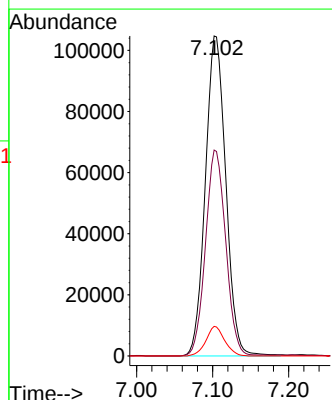
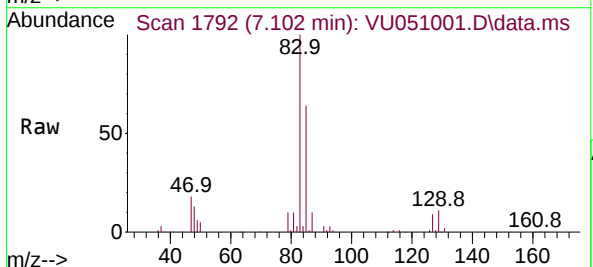
Tgt Ion: 83 Resp: 195706

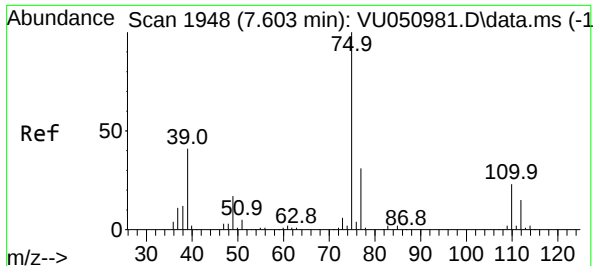
Ion Ratio Lower Upper

83 100

85 64.4 45.1 83.7

127 9.3 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 49.983 ug/L

RT: 7.607 min Scan# 1948

Delta R.T. 0.003 min

Lab File: VU051001.D

Acq: 29 Sep 2022 23:58

Instrument :

MSVOA_U

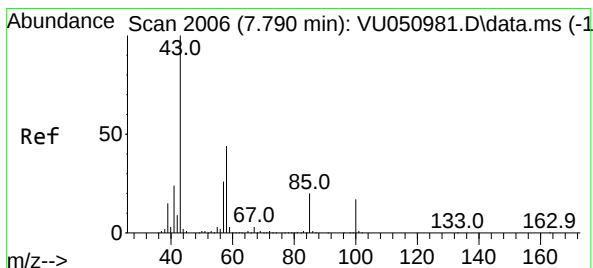
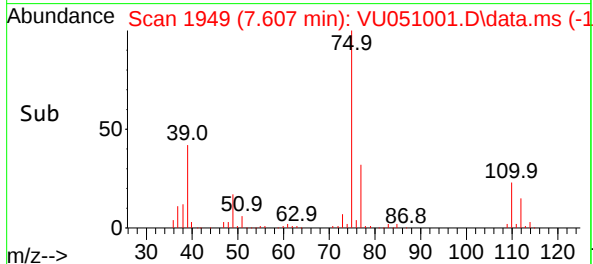
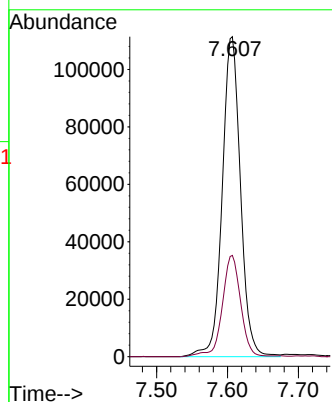
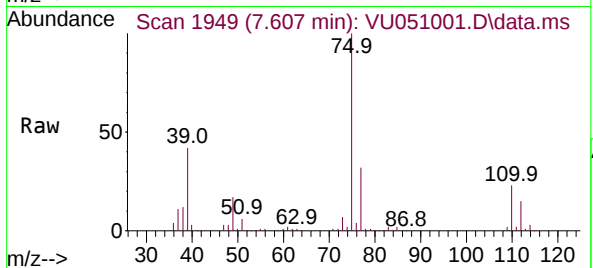
ClientSampleId :

Tgt Ion: 75 Resp: 199208

Ion Ratio Lower Upper

75 100

77 31.7 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 105.138 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VU051001.D

Acq: 29 Sep 2022 23:58

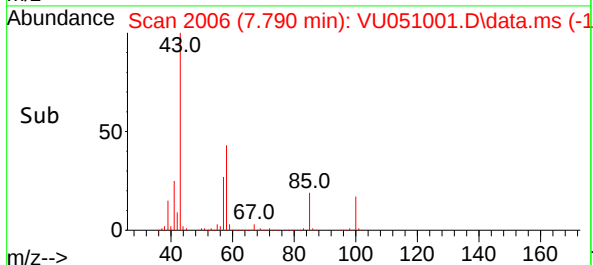
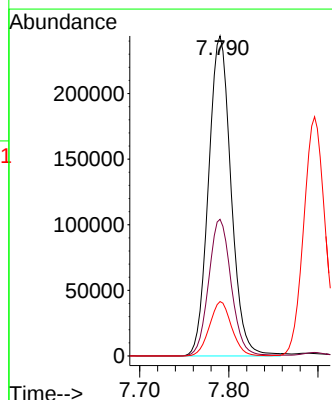
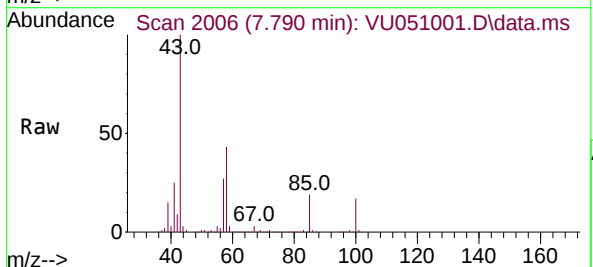
Tgt Ion: 43 Resp: 428492

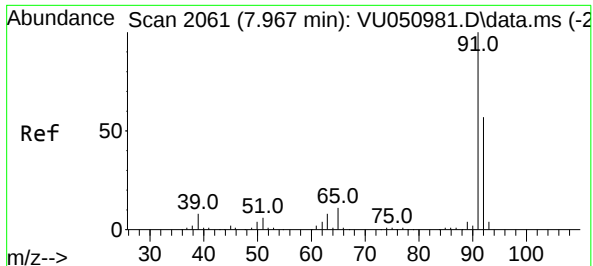
Ion Ratio Lower Upper

43 100

58 42.7 35.0 52.4

100 16.7 13.3 19.9





#42

Toluene

Concen: 53.692 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VU051001.D

Acq: 29 Sep 2022 23:58

Instrument :

MSVOA_U

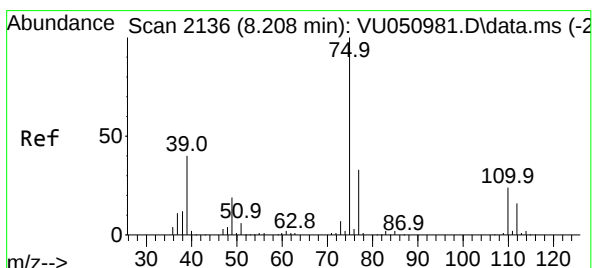
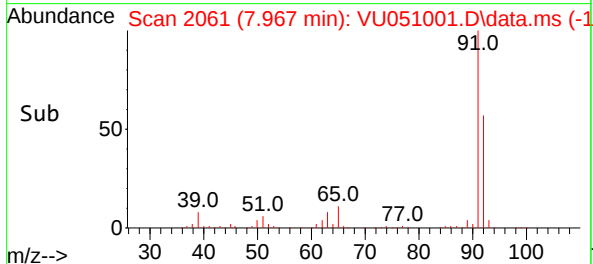
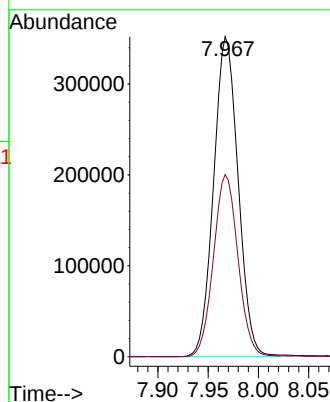
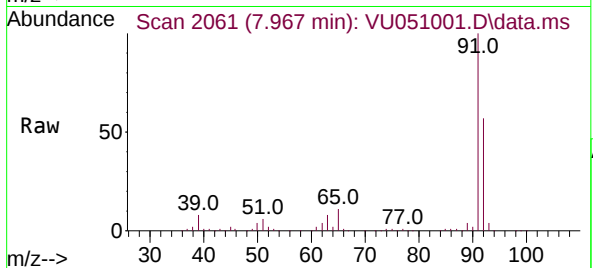
ClientSampleId :

Tgt Ion: 91 Resp: 596826

Ion Ratio Lower Upper

91 100

92 56.9 40.1 74.5



#44

trans-1,3-Dichloropropene

Concen: 48.684 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. 0.000 min

Lab File: VU051001.D

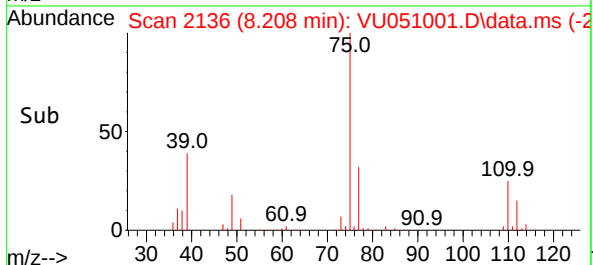
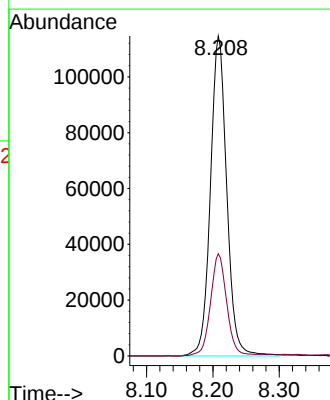
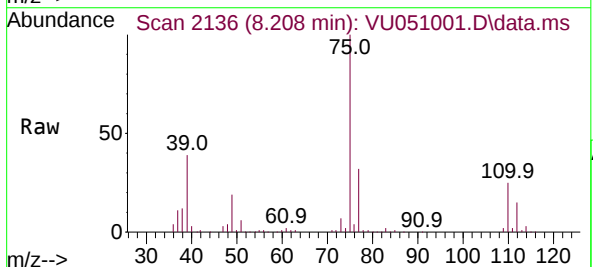
Acq: 29 Sep 2022 23:58

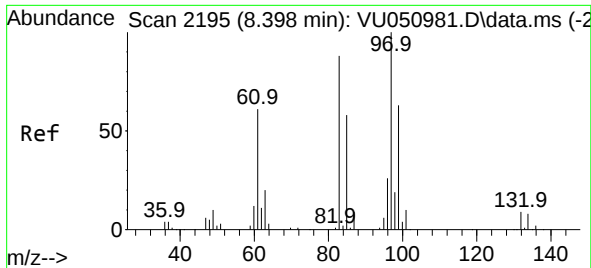
Tgt Ion: 75 Resp: 196185

Ion Ratio Lower Upper

75 100

77 31.9 22.7 42.3

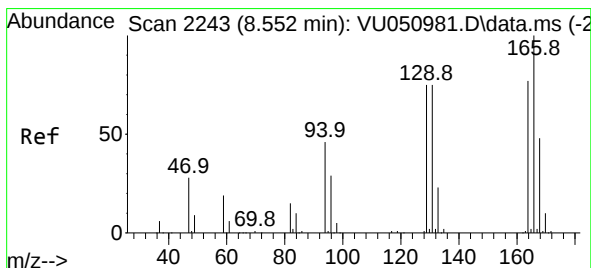
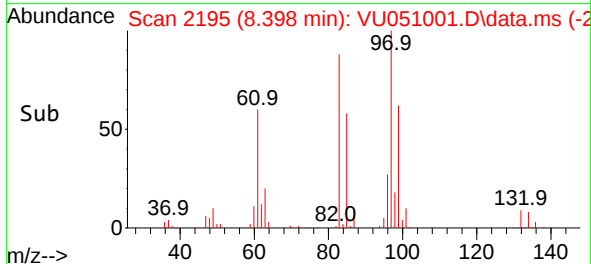
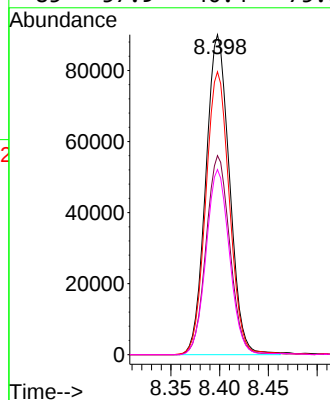
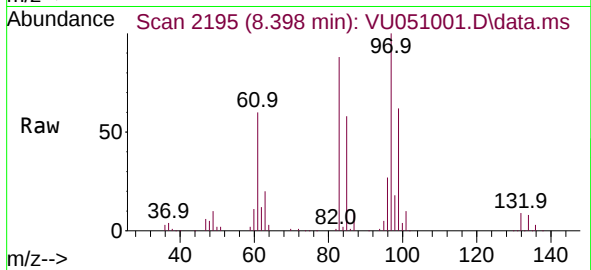




#45
1,1,2-Trichloroethane
Concen: 50.074 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. 0.000 min
Lab File: VU051001.D
Acq: 29 Sep 2022 23:58

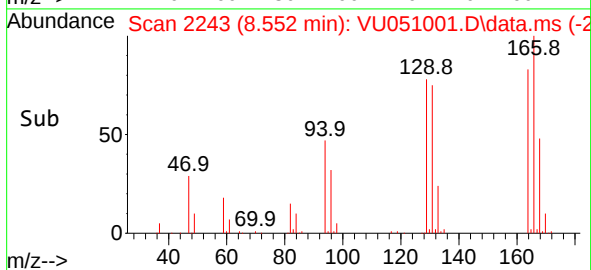
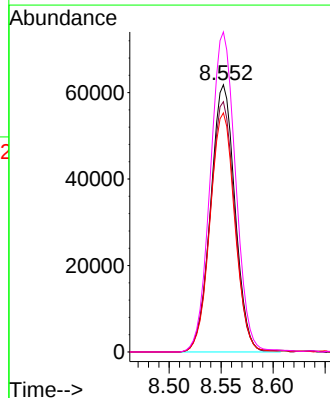
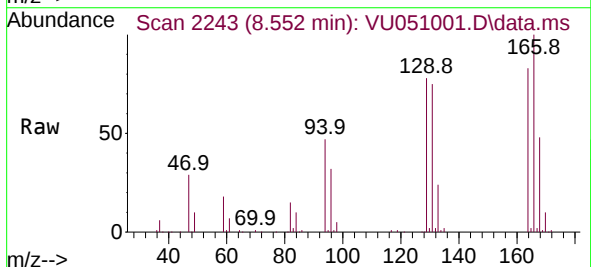
Instrument :
MSVOA_U
ClientSampleId :

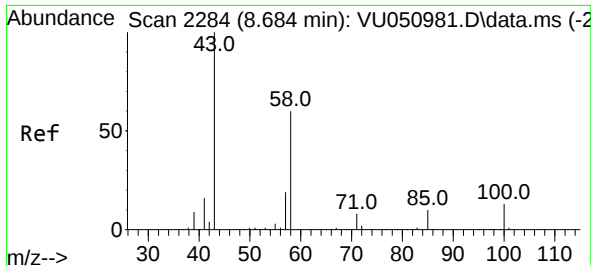
Tgt Ion:	97	Resp:	152641
Ion	Ratio	Lower	Upper
97	100		
99	62.2	44.4	82.4
83	88.4	61.7	114.5
85	57.9	40.4	75.0



#46
Tetrachloroethene
Concen: 49.300 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU051001.D
Acq: 29 Sep 2022 23:58

Tgt Ion:	164	Resp:	101127
Ion	Ratio	Lower	Upper
164	100		
129	93.7	68.1	126.5
131	89.4	67.8	126.0
166	119.8	90.5	168.1

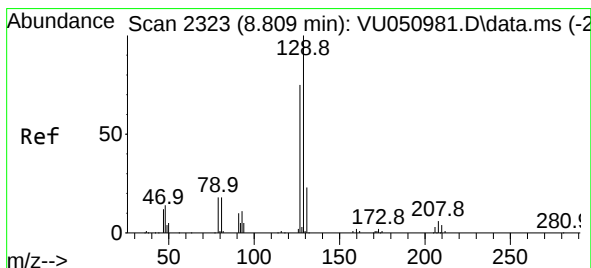
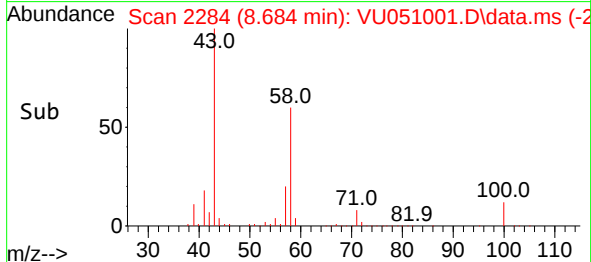
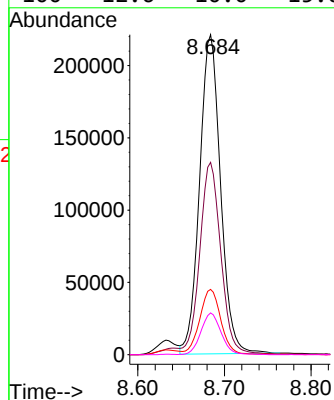
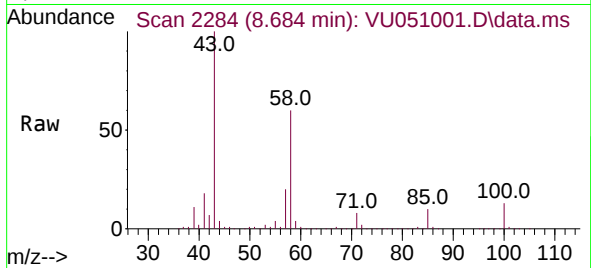




#48
2-Hexanone
Concen: 100.360 ug/L
RT: 8.684 min Scan# 2284
Delta R.T. 0.000 min
Lab File: VU051001.D
Acq: 29 Sep 2022 23:58

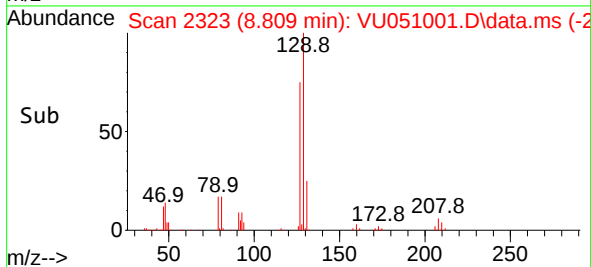
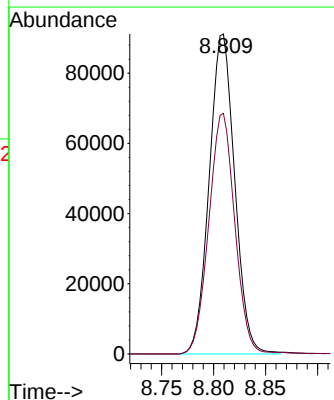
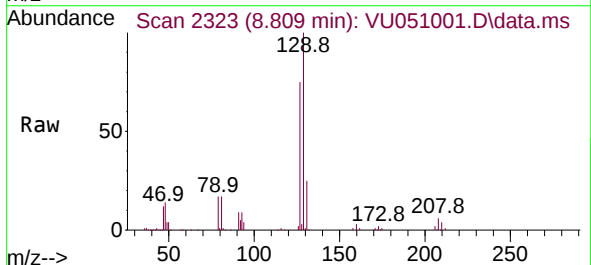
Instrument :
MSVOA_U
ClientSampleId :

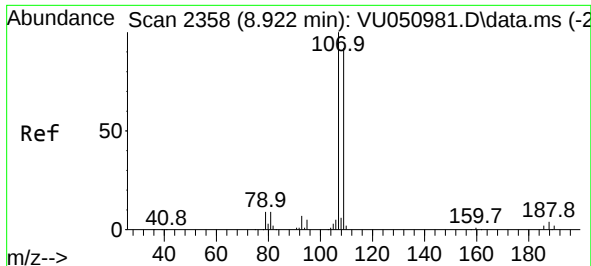
Tgt Ion:	43	Resp:	371510
Ion	Ratio	Lower	Upper
43	100		
58	60.2	48.3	72.5
57	20.5	15.9	23.9
100	12.6	10.0	15.0



#49
Dibromochloromethane
Concen: 48.515 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU051001.D
Acq: 29 Sep 2022 23:58

Tgt Ion:	129	Resp:	155485
Ion	Ratio	Lower	Upper
129	100		
127	75.2	52.8	98.0

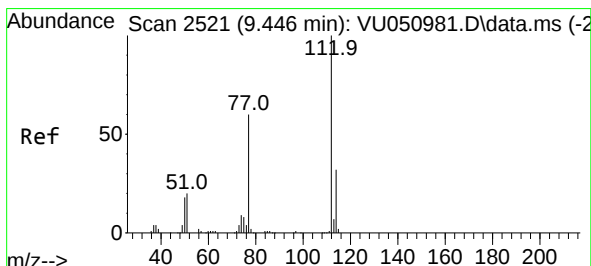
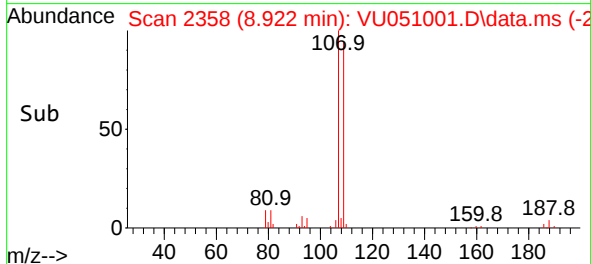
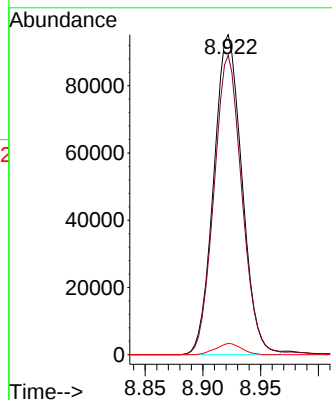
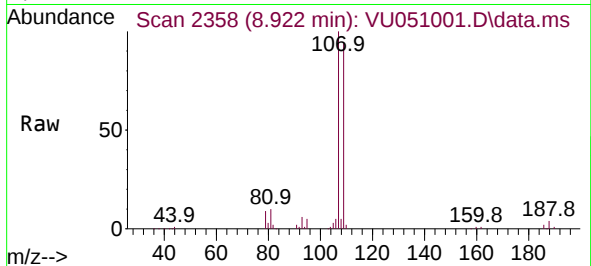




#50
 1,2-Dibromoethane
 Concen: 48.933 ug/L
 RT: 8.922 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU051001.D
 Acq: 29 Sep 2022 23:58

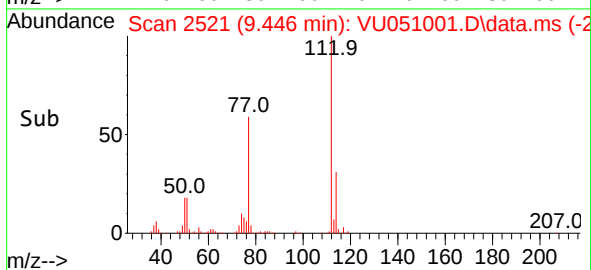
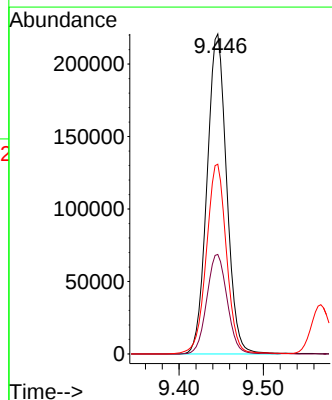
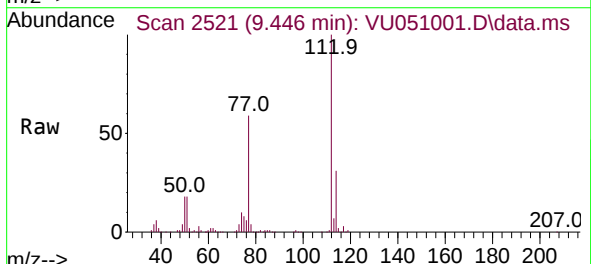
Instrument :
 MSVOA_U
 ClientSampleId :

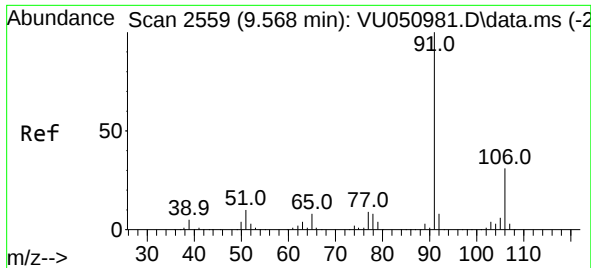
Tgt Ion:107 Resp: 161722
 Ion Ratio Lower Upper
 107 100
 109 93.6 64.1 119.1
 188 3.5 2.9 4.3



#51
 Chlorobenzene
 Concen: 47.340 ug/L
 RT: 9.446 min Scan# 2521
 Delta R.T. 0.000 min
 Lab File: VU051001.D
 Acq: 29 Sep 2022 23:58

Tgt Ion:112 Resp: 357856
 Ion Ratio Lower Upper
 112 100
 114 31.1 22.3 41.3
 77 59.3 48.2 72.2

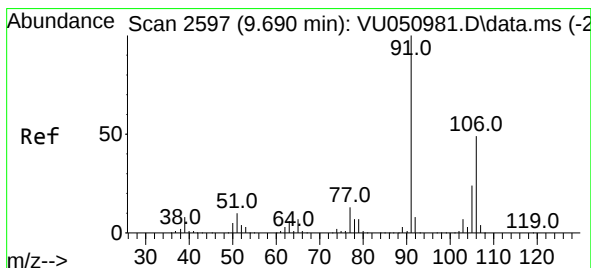
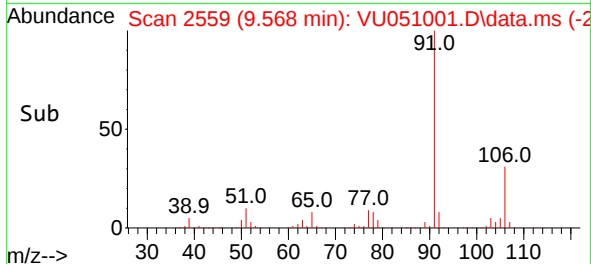
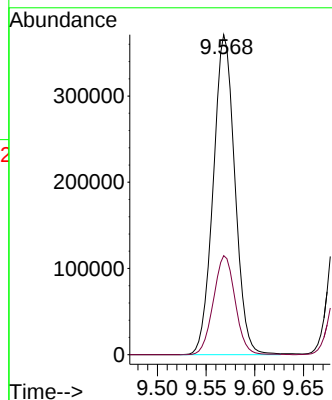
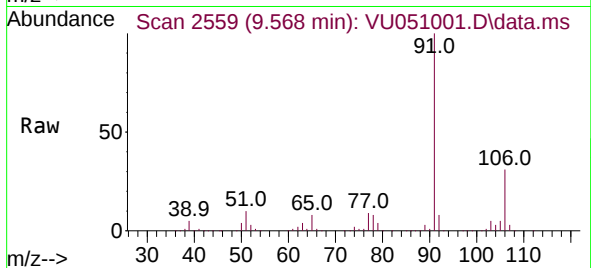




#52
Ethylbenzene
Concen: 48.342 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU051001.D
Acq: 29 Sep 2022 23:58

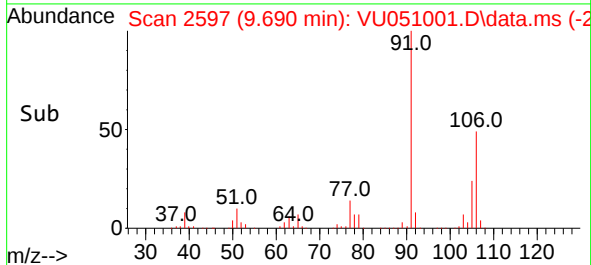
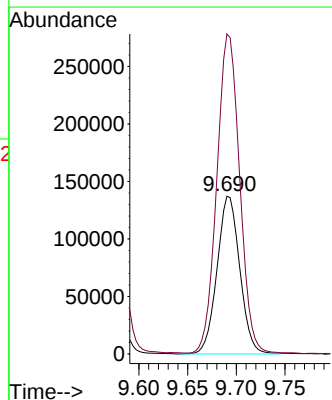
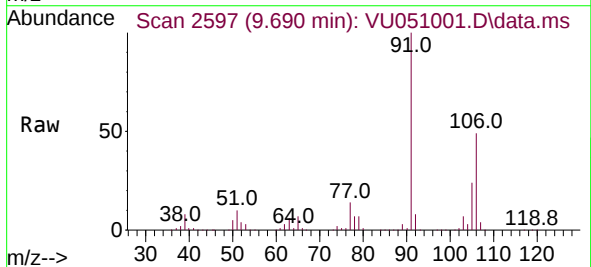
Instrument :
MSVOA_U
ClientSampleId :

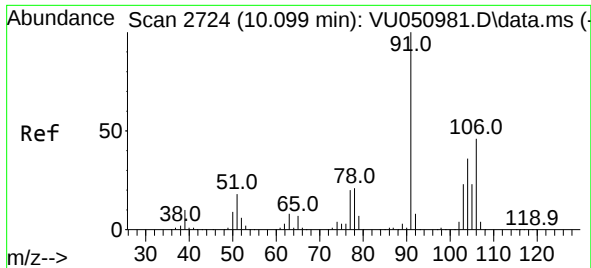
Tgt Ion: 91 Resp: 573176
Ion Ratio Lower Upper
91 100
106 30.9 21.7 40.3



#53
m,p-Xylene
Concen: 49.931 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. 0.000 min
Lab File: VU051001.D
Acq: 29 Sep 2022 23:58

Tgt Ion: 106 Resp: 222627
Ion Ratio Lower Upper
106 100
91 202.8 141.9 263.5

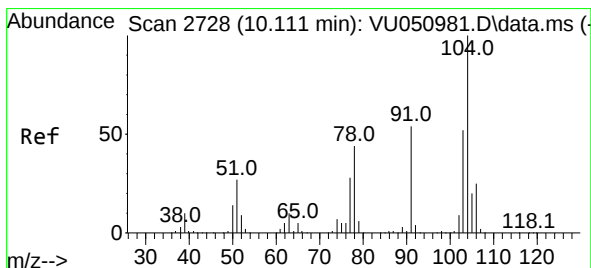
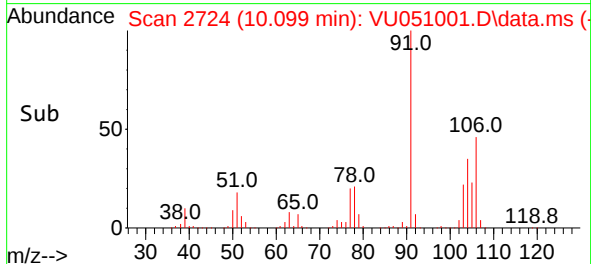
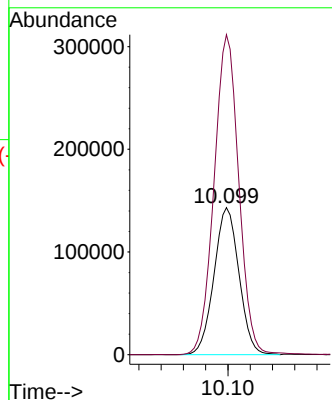
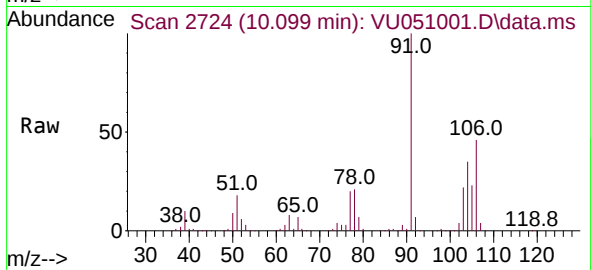




#54
o-Xylene
Concen: 50.049 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. 0.000 min
Lab File: VU051001.D
Acq: 29 Sep 2022 23:58

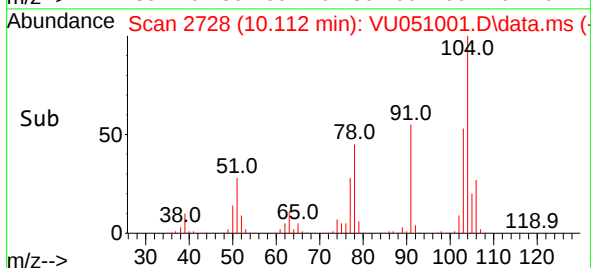
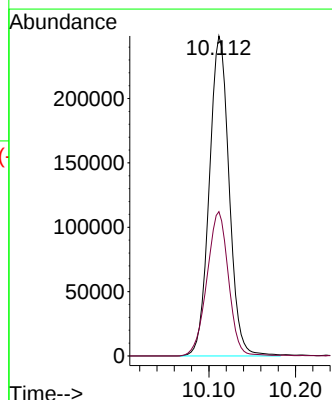
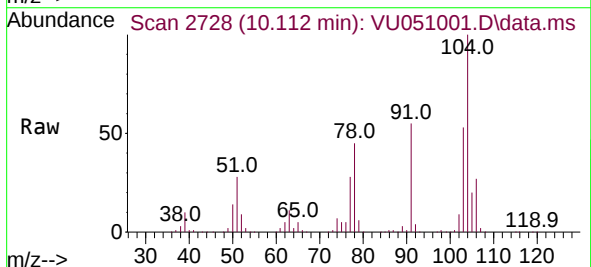
Instrument :
MSVOA_U
ClientSampleId :

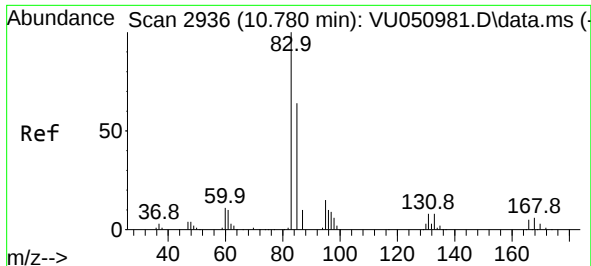
Tgt Ion:106 Resp: 223045
Ion Ratio Lower Upper
106 100
91 217.6 152.4 283.0



#55
Styrene
Concen: 51.475 ug/L
RT: 10.112 min Scan# 2728
Delta R.T. 0.000 min
Lab File: VU051001.D
Acq: 29 Sep 2022 23:58

Tgt Ion:104 Resp: 396489
Ion Ratio Lower Upper
104 100
78 45.1 31.0 57.6





#57

1,1,2,2-Tetrachloroethane

Concen: 49.326 ug/L

RT: 10.780 min Scan# 2936

Delta R.T. 0.000 min

Lab File: VU051001.D

Acq: 29 Sep 2022 23:58

Instrument :

MSVOA_U

ClientSampleId :

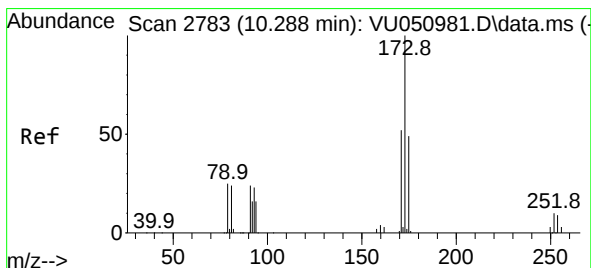
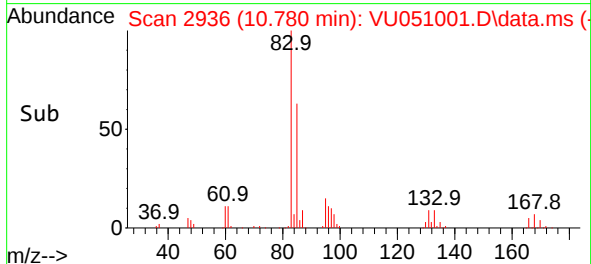
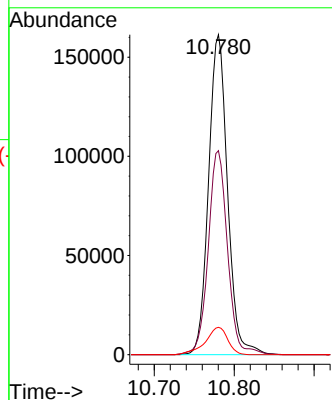
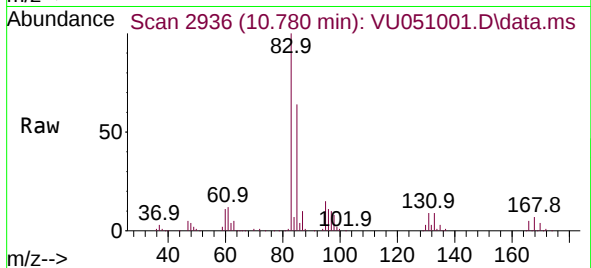
Tgt Ion: 83 Resp: 266110

Ion Ratio Lower Upper

83 100

85 63.7 44.7 83.1

131 8.5 7.0 10.4



#59

Bromoform

Concen: 49.052 ug/L

RT: 10.288 min Scan# 2783

Delta R.T. 0.000 min

Lab File: VU051001.D

Acq: 29 Sep 2022 23:58

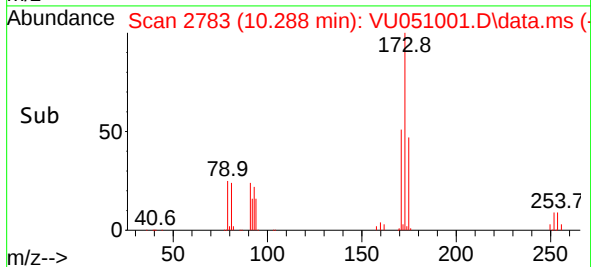
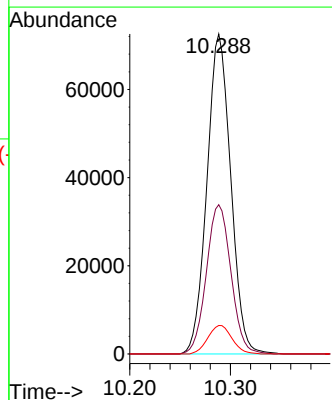
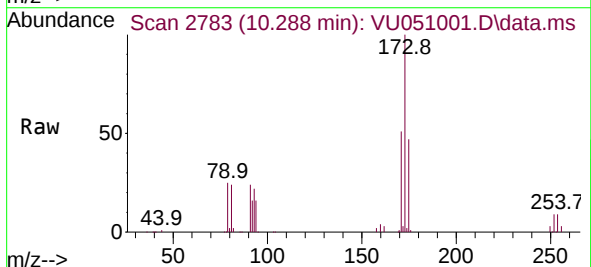
Tgt Ion:173 Resp: 119368

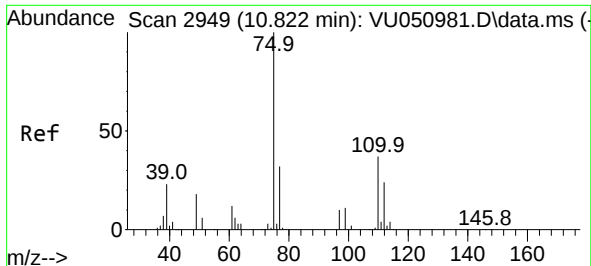
Ion Ratio Lower Upper

173 100

175 48.1 39.4 59.0

254 9.1 7.4 11.0

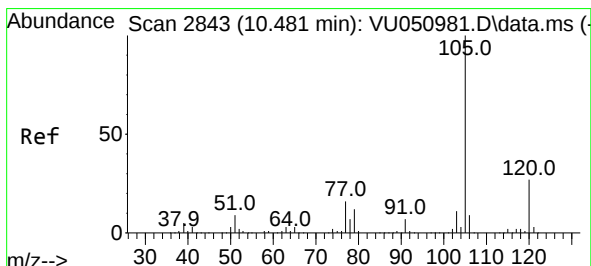
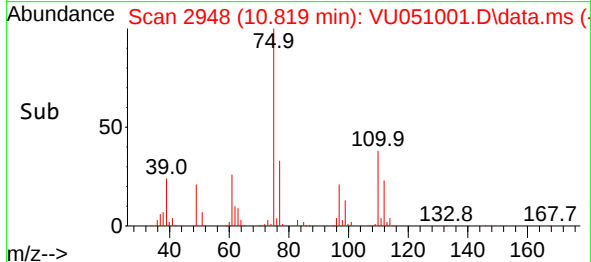
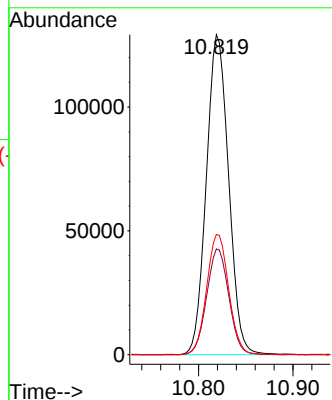
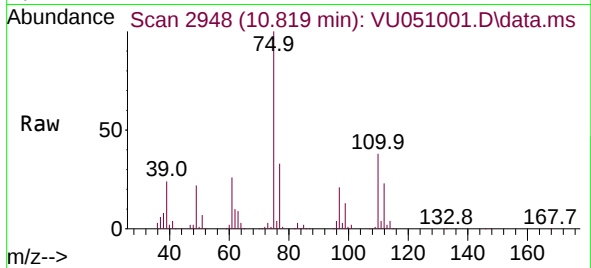




#60
1,2,3-Trichloropropane
Concen: 48.607 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. -0.003 min
Lab File: VU051001.D
Acq: 29 Sep 2022 23:58

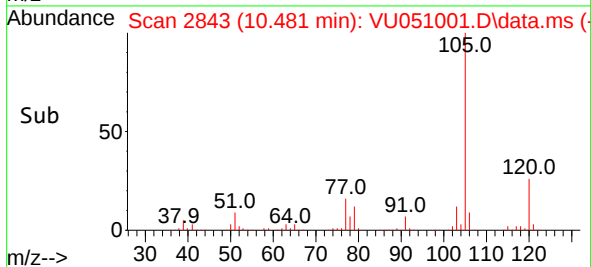
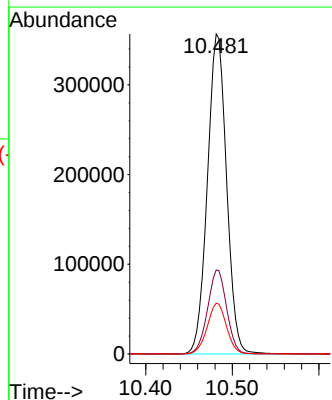
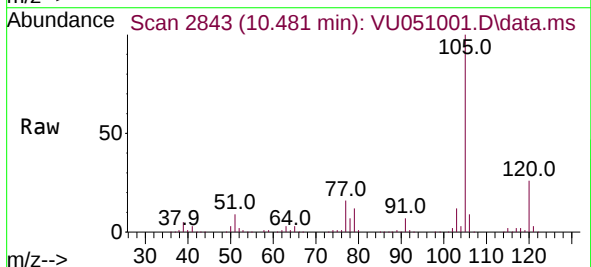
Instrument :
MSVOA_U
ClientSampleId :

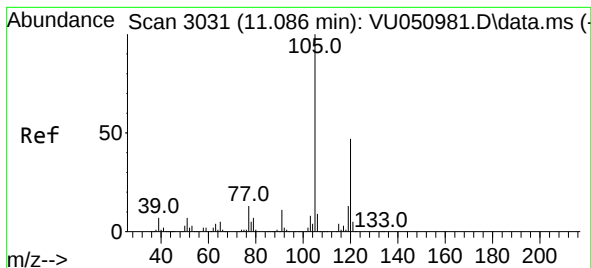
Tgt Ion: 75 Resp: 211554
Ion Ratio Lower Upper
75 100
77 32.9 26.1 39.1
110 37.3 30.0 45.0



#61
Isopropylbenzene
Concen: 51.010 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. 0.000 min
Lab File: VU051001.D
Acq: 29 Sep 2022 23:58

Tgt Ion: 105 Resp: 548042
Ion Ratio Lower Upper
105 100
120 26.1 21.1 31.7
77 15.9 12.8 19.2





#62

1,3,5-Trimethylbenzene

Concen: 51.588 ug/L

RT: 11.086 min Scan# 3031

Delta R.T. 0.000 min

Lab File: VU051001.D

Acq: 29 Sep 2022 23:58

Instrument :

MSVOA_U

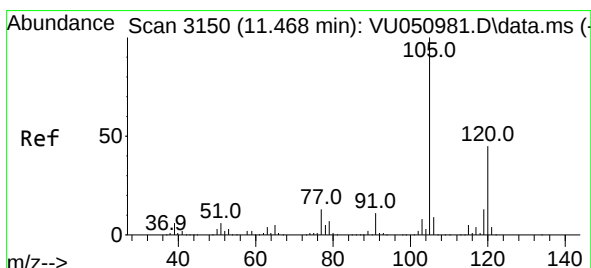
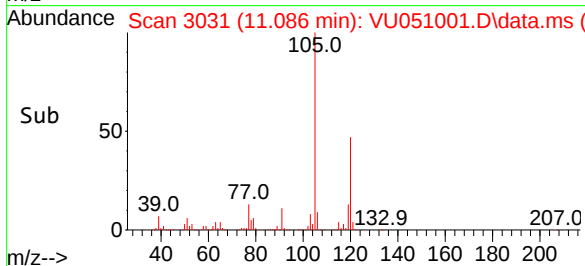
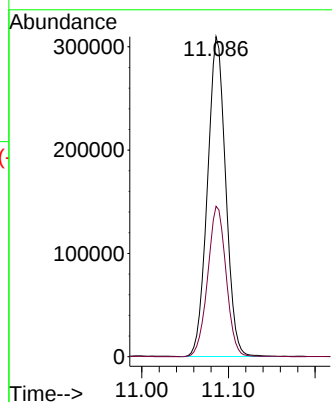
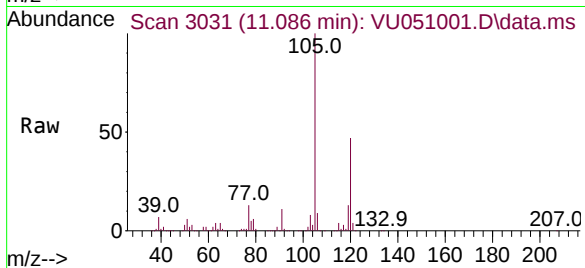
ClientSampleId :

Tgt Ion:105 Resp: 453214

Ion Ratio Lower Upper

105 100

120 47.5 37.8 56.8



#63

1,2,4-Trimethylbenzene

Concen: 51.036 ug/L

RT: 11.465 min Scan# 3149

Delta R.T. -0.003 min

Lab File: VU051001.D

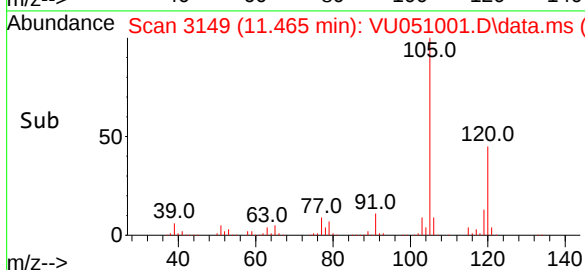
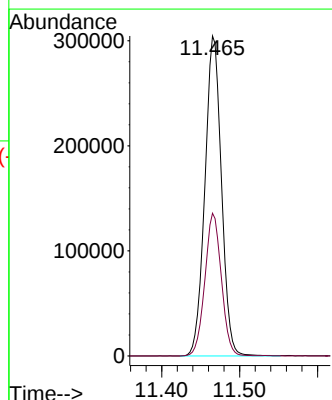
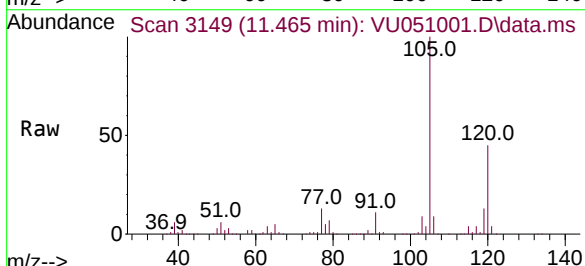
Acq: 29 Sep 2022 23:58

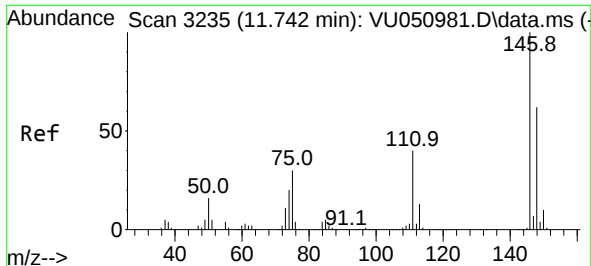
Tgt Ion:105 Resp: 449386

Ion Ratio Lower Upper

105 100

120 44.3 35.5 53.3

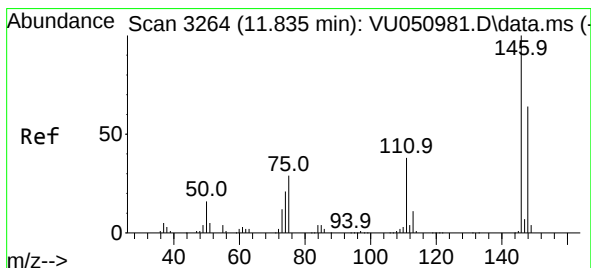
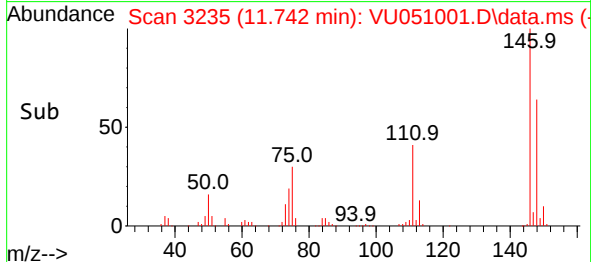
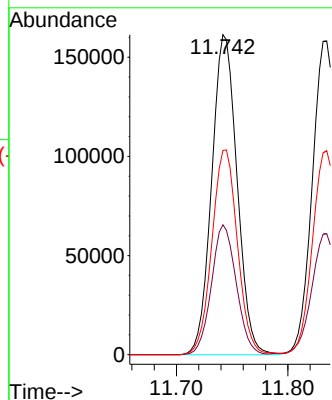
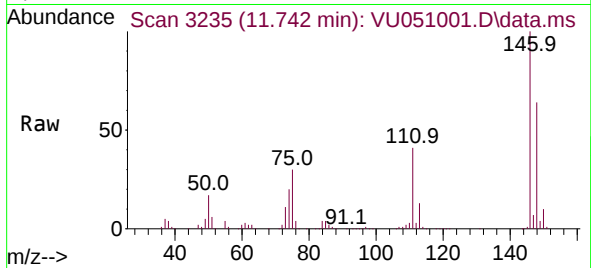




#64
1,3-Dichlorobenzene
Concen: 46.133 ug/L
RT: 11.742 min Scan# 3235
Delta R.T. 0.000 min
Lab File: VU051001.D
Acq: 29 Sep 2022 23:58

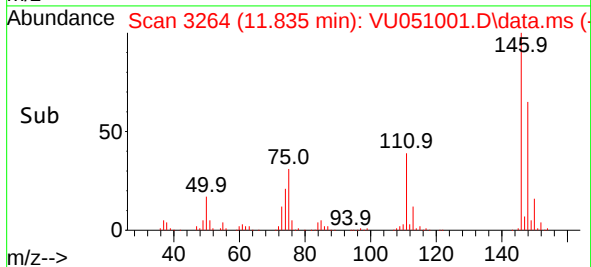
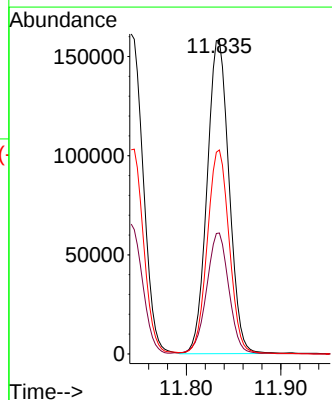
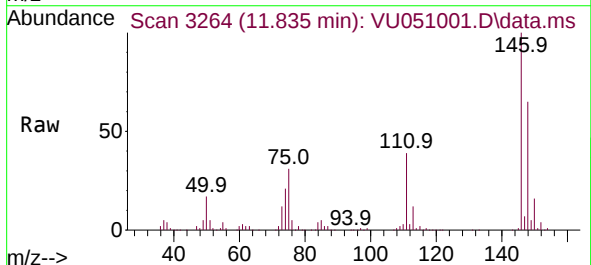
Instrument :
MSVOA_U
ClientSampleId :

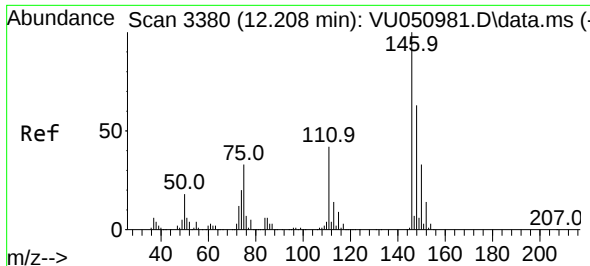
Tgt Ion:146 Resp: 255517
Ion Ratio Lower Upper
146 100
111 40.6 28.2 52.4
148 63.8 43.5 80.9



#65
1,4-Dichlorobenzene
Concen: 46.056 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU051001.D
Acq: 29 Sep 2022 23:58

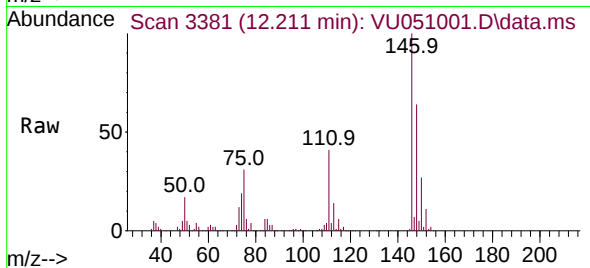
Tgt Ion:146 Resp: 254996
Ion Ratio Lower Upper
146 100
111 38.6 27.0 50.2
148 65.0 45.1 83.9



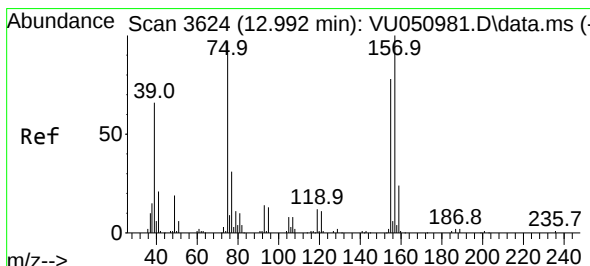
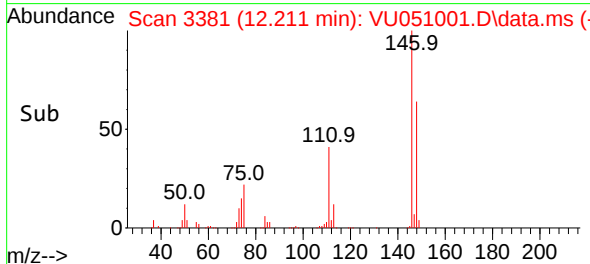
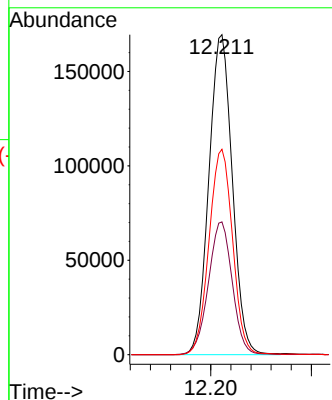


#67
1,2-Dichlorobenzene
Concen: 48.175 ug/L
RT: 12.211 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU051001.D
Acq: 29 Sep 2022 23:58

Instrument :
MSVOA_U
ClientSampleId :

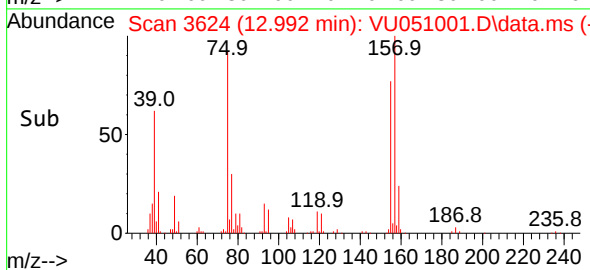
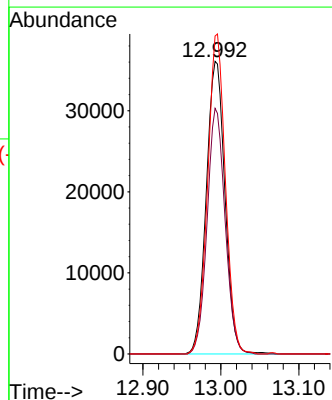
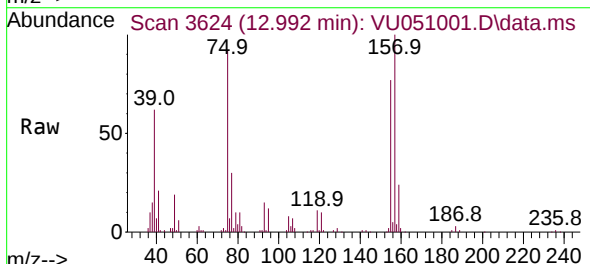


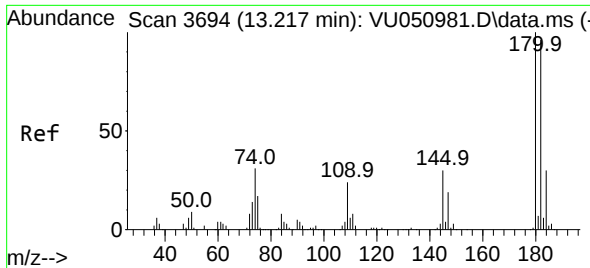
Tgt Ion:146 Resp: 274146
Ion Ratio Lower Upper
146 100
111 41.5 33.7 50.5
148 64.2 50.8 76.2



#68
1,2-Dibromo-3-chloropropane
Concen: 47.328 ug/L
RT: 12.992 min Scan# 3624
Delta R.T. 0.000 min
Lab File: VU051001.D
Acq: 29 Sep 2022 23:58

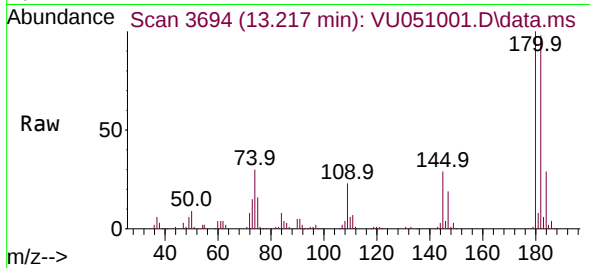
Tgt Ion: 75 Resp: 60112
Ion Ratio Lower Upper
75 100
155 84.0 64.4 96.6
157 113.1 82.2 123.2



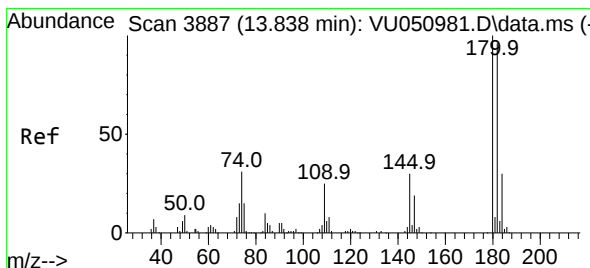
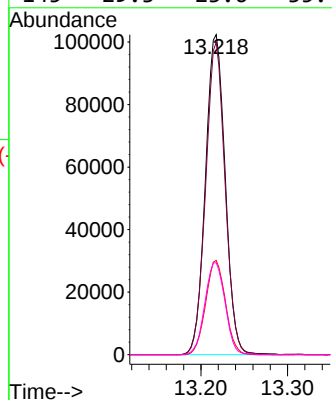
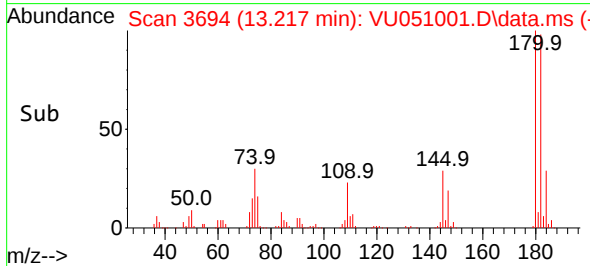


#69
 1,3,5-Trichlorobenzene
 Concen: 43.218 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. 0.000 min
 Lab File: VU051001.D
 Acq: 29 Sep 2022 23:58

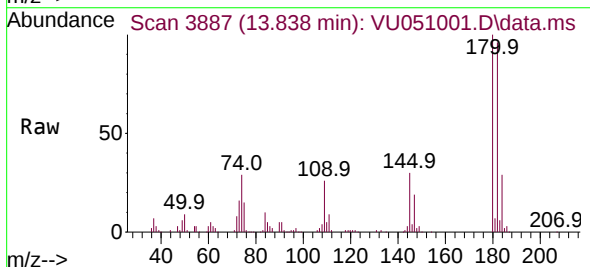
Instrument :
 MSVOA_U
 ClientSampleId :



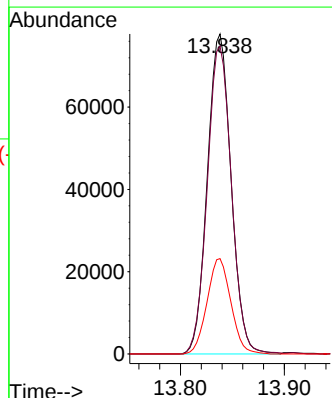
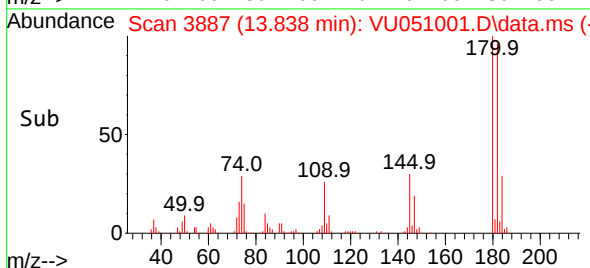
Tgt Ion:180 Resp: 162324
 Ion Ratio Lower Upper
 180 100
 182 95.7 77.0 115.4
 184 29.4 24.4 36.6
 145 29.3 23.6 35.4

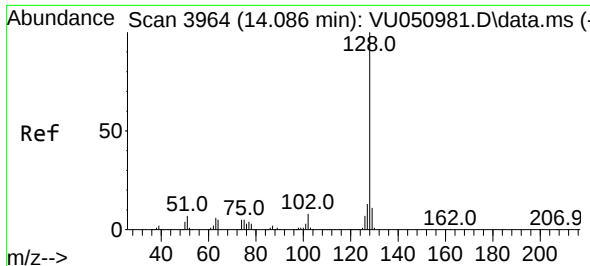


#70
 1,2,4-trichlorobenzene
 Concen: 40.134 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. 0.000 min
 Lab File: VU051001.D
 Acq: 29 Sep 2022 23:58



Tgt Ion:180 Resp: 123336
 Ion Ratio Lower Upper
 180 100
 182 97.7 75.9 113.9
 145 29.8 24.0 36.0

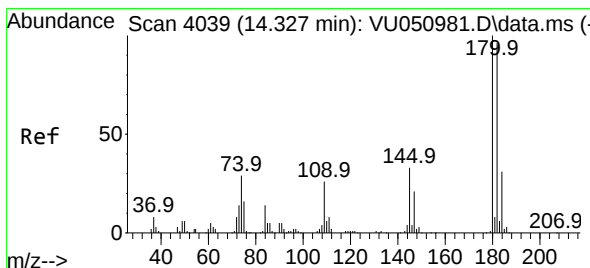
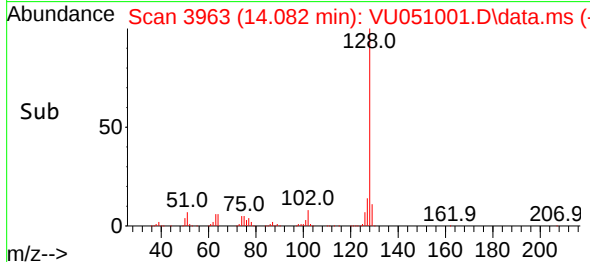
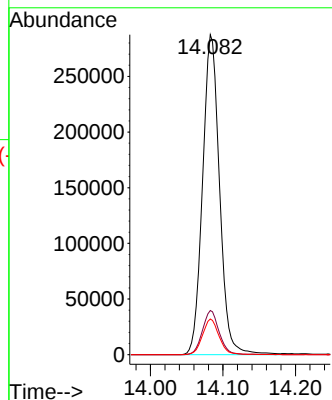
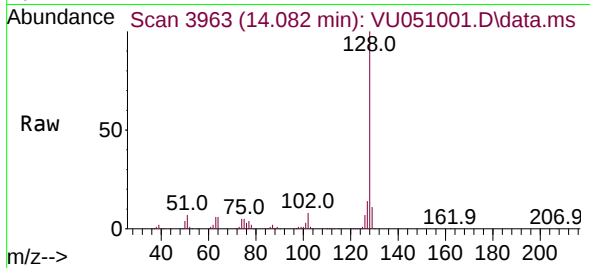




#71
Naphthalene
Concen: 42.528 ug/L
RT: 14.082 min Scan# 3963
Delta R.T. -0.003 min
Lab File: VU051001.D
Acq: 29 Sep 2022 23:58

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 467765
Ion Ratio Lower Upper
128 100
127 13.5 10.7 16.1
129 10.8 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 43.671 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. 0.000 min
Lab File: VU051001.D
Acq: 29 Sep 2022 23:58

Tgt Ion:180 Resp: 149754
Ion Ratio Lower Upper
180 100
182 96.2 76.0 114.0
145 32.8 26.1 39.1

