

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082922\
 Data File : VU050473.D
 Acq On : 29 Aug 2022 10:16
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 29 13:39:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM082422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 27 02:44:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	323017	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	318818	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	150698	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	149160	39.053	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.100%
7) Chloroethane-d5	1.899	69	126125	44.627	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.260%
11) 1,1-Dichloroethene-d2	2.562	63	229283	42.478	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.960%
21) 2-Butanone-d5	4.626	46	245282	98.113	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.110%
24) Chloroform-d	5.063	84	286192	46.678	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.360%
26) 1,2-Dichloroethane-d4	5.700	65	173890	45.634	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.260%
32) Benzene-d6	5.726	84	550021	46.690	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.380%
36) 1,2-Dichloropropane-d6	6.690	67	181675	46.553	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.100%
41) Toluene-d8	7.899	98	489899	47.527	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.060%
43) trans-1,3-Dichloroprop...	8.179	79	76904	47.242	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.480%
47) 2-Hexanone-d5	8.635	63	148319	102.413	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.410%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	286062	47.524	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.040%
66) 1,2-Dichlorobenzene-d4	12.195	152	165251	45.905	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	114913	45.511	ug/L	98
3) Chloromethane	1.517	50	130100	44.273	ug/L	100
5) Vinyl chloride	1.600	62	127091	44.229	ug/L	99
6) Bromomethane	1.845	94	47967	45.145	ug/L	95
8) Chloroethane	1.922	64	84931	48.652	ug/L	98
9) Trichlorofluoromethane	2.131	101	172686	47.235	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	109438	48.826	ug/L	98
12) 1,1-Dichloroethene	2.575	96	94626	47.755	ug/L	98
13) Acetone	2.629	43	202701	123.316	ug/L	99
14) Carbon disulfide	2.787	76	204337	40.411	ug/L	99
15) Methyl Acetate	2.948	43	155470	52.571	ug/L	100
16) Methylene chloride	3.041	84	137138	49.660	ug/L	99
17) trans-1,2-Dichloroethene	3.350	96	100499	48.247	ug/L	97
18) Methyl tert-butyl Ether	3.366	73	370417	56.185	ug/L	99
19) 1,1-Dichloroethane	3.867	63	230325	51.038	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	128894	51.673	ug/L	99
22) 2-Butanone	4.706	43	252790	113.475	ug/L	100
23) Bromochloromethane	4.973	128	72065	52.896	ug/L	99
25) Chloroform	5.086	83	250301	52.063	ug/L	98

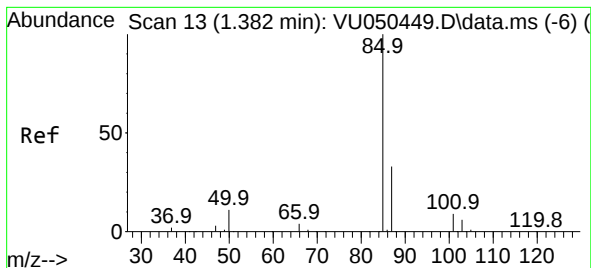
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 Quant Title : VOC Analysis
 QLast Update : Sat Aug 27 02:44:18 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	186375	51.969	ug/L	98
29) Cyclohexane	5.388	56	140370	47.863	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	184686	50.633	ug/L	98
31) Carbon tetrachloride	5.523	117	149047	49.793	ug/L	98
33) Benzene	5.774	78	518788	53.745	ug/L	100
34) Trichloroethene	6.542	95	115428	50.518	ug/L	99
35) Methylcyclohexane	6.764	83	151907	47.546	ug/L	99
37) 1,2-Dichloropropane	6.790	63	150698	53.747	ug/L	99
38) Bromodichloromethane	7.105	83	188786	52.774	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	198944	54.031	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	430102	115.432	ug/L	100
42) Toluene	7.970	91	530228	54.520	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	190068	55.380	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	151415	54.881	ug/L	97
46) Tetrachloroethene	8.552	164	84687	50.465	ug/L	99
48) 2-Hexanone	8.687	43	357714	114.959	ug/L	99
49) Dibromochloromethane	8.809	129	153298	53.640	ug/L	97
50) 1,2-Dibromoethane	8.925	107	147349	53.441	ug/L	99
51) Chlorobenzene	9.446	112	330042	51.713	ug/L	98
52) Ethylbenzene	9.571	91	510868	52.119	ug/L	99
53) m,p-Xylene	9.693	106	195351	53.368	ug/L	99
54) o-Xylene	10.102	106	200418	55.110	ug/L	100
55) Styrene	10.115	104	354256	57.248	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	273389	54.229	ug/L	99
59) Bromoform	10.291	173	113024	52.374	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	207160	53.345	ug/L	99
61) Isopropylbenzene	10.484	105	491376	52.716	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	397848	52.861	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	396719	54.044	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	238181	52.261	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	234662	51.126	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	255592	53.329	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.995	75	54270	52.583	ug/L	96
69) 1,3,5-Trichlorobenzene	13.220	180	161167	51.301	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	130883	52.021	ug/L	99
71) Naphthalene	14.089	128	450433	54.576	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	150480	54.724	ug/L	99

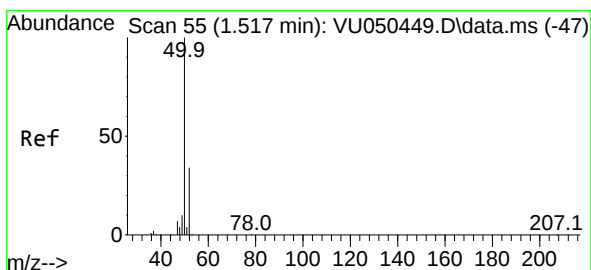
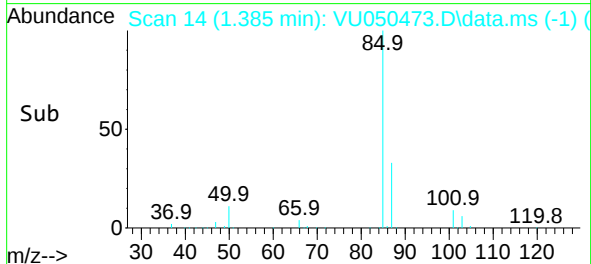
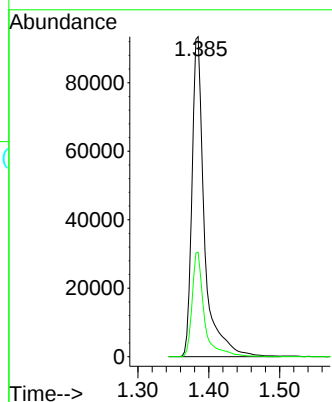
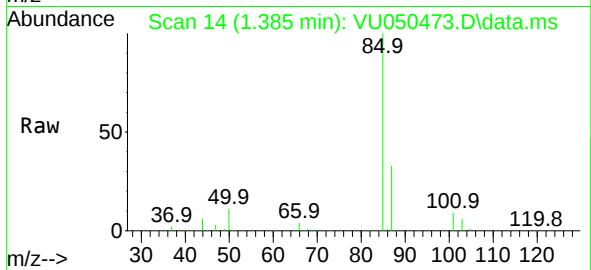
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 45.511 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU050473.D
Acq: 29 Aug 2022 10:16

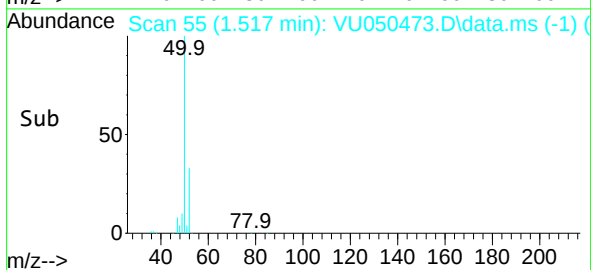
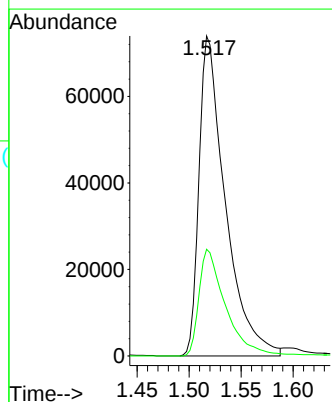
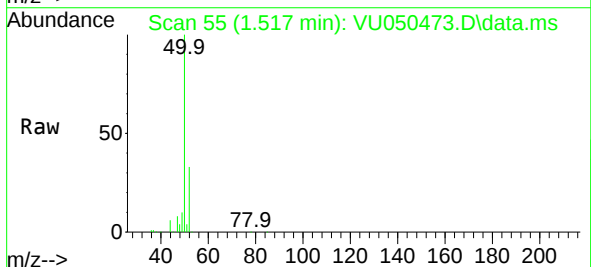
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MSVOA_U
ClientSampleId :

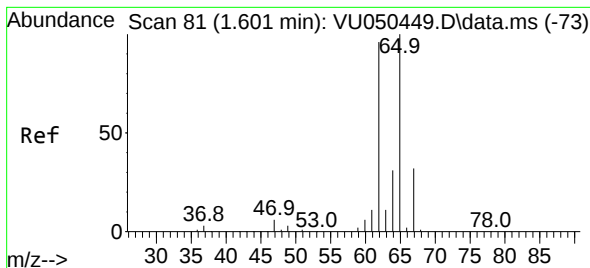
Tgt Ion: 85 Resp: 114913
Ion Ratio Lower Upper
85 100
87 31.9 26.2 39.4



#3
Chloromethane
Concen: 44.273 ug/L
RT: 1.517 min Scan# 55
Delta R.T. -0.000 min
Lab File: VU050473.D
Acq: 29 Aug 2022 10:16

Tgt Ion: 50 Resp: 130100
Ion Ratio Lower Upper
50 100
52 33.3 23.4 43.6





#5

Vinyl chloride

Concen: 44.229 ug/L

RT: 1.600 min Scan# 81

Delta R.T. -0.000 min

Lab File: VU050473.D

Acq: 29 Aug 2022 10:16

Instrument :

MSVOA_U

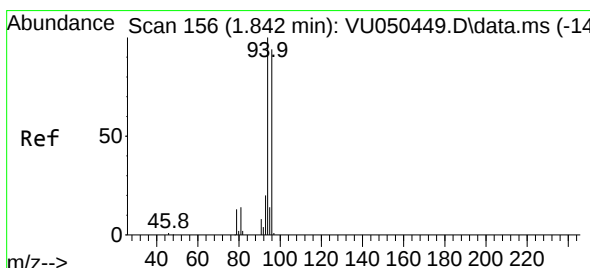
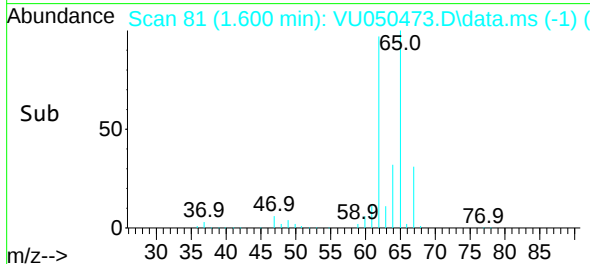
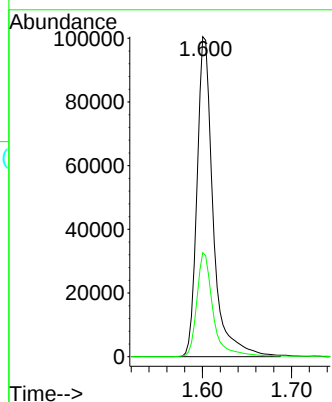
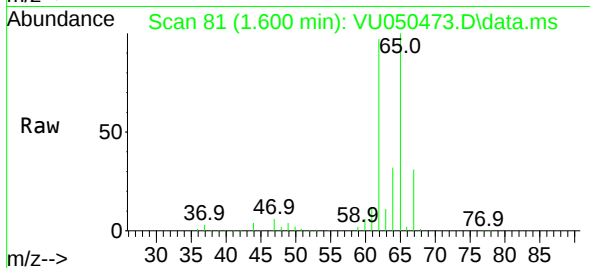
ClientSampleId :

Tgt Ion: 62 Resp: 127091

Ion Ratio Lower Upper

62 100

64 32.5 23.1 42.9



#6

Bromomethane

Concen: 45.145 ug/L

RT: 1.845 min Scan# 157

Delta R.T. 0.003 min

Lab File: VU050473.D

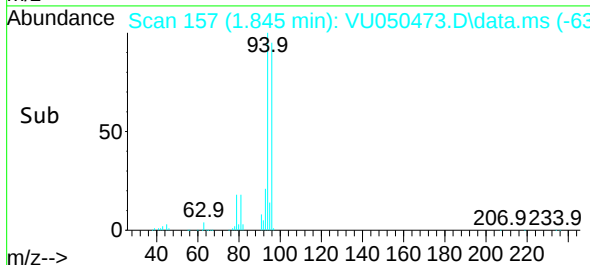
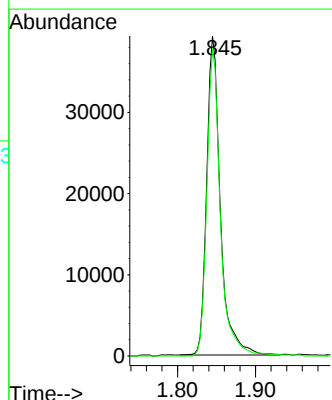
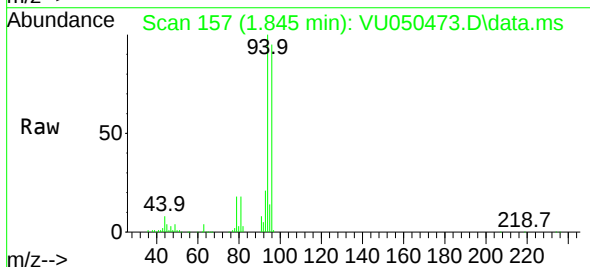
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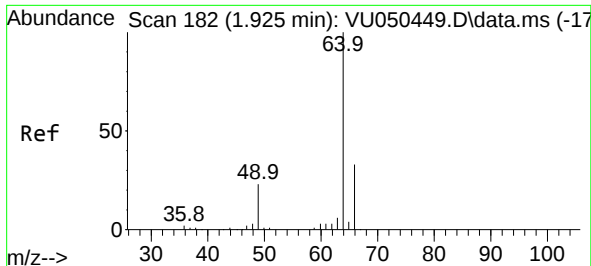
Tgt Ion: 94 Resp: 47967

Ion Ratio Lower Upper

94 100

96 95.4 63.3 117.5

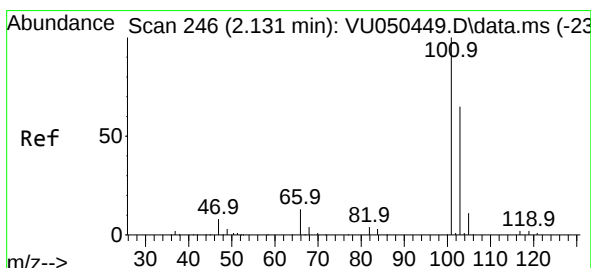
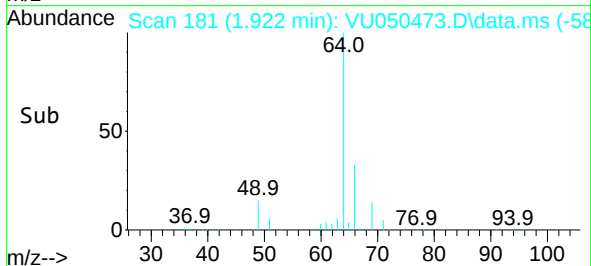
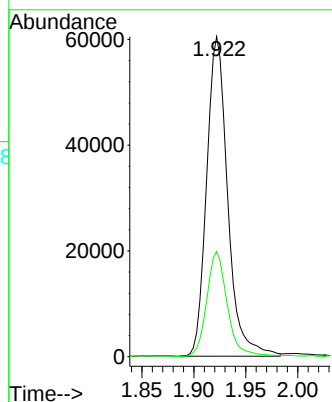
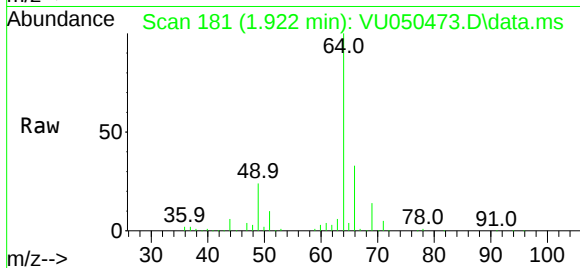




#8
Chloroethane
Concen: 48.652 ug/L
RT: 1.922 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU050473.D
Acq: 29 Aug 2022 10:16

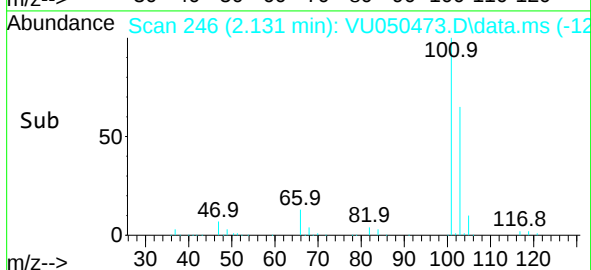
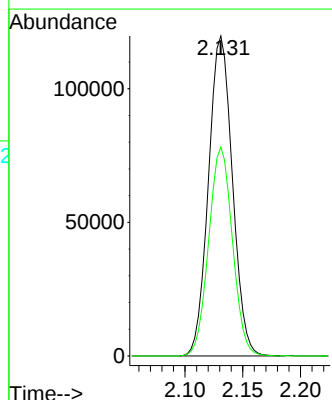
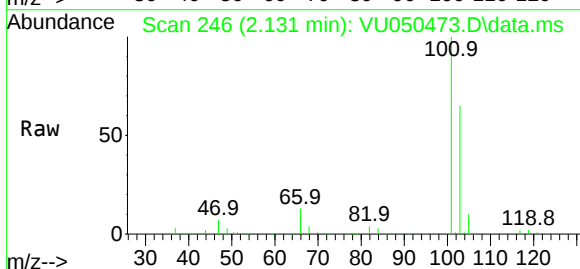
Instrument :
MSVOA_U
ClientSampleId :

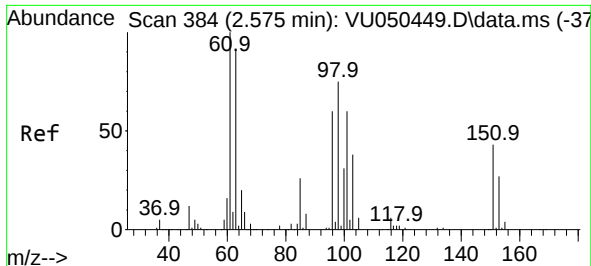
Tgt Ion: 64 Resp: 84931
Ion Ratio Lower Upper
64 100
66 32.9 22.3 41.3



#9
Trichlorofluoromethane
Concen: 47.235 ug/L
RT: 2.131 min Scan# 246
Delta R.T. -0.000 min
Lab File: VU050473.D
Acq: 29 Aug 2022 10:16

Tgt Ion:101 Resp: 172686
Ion Ratio Lower Upper
101 100
103 64.7 51.1 76.7





#10

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

Concen: 48.826 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.000 min

Lab File: VU050473.D

Acq: 29 Aug 2022 10:16

Instrument :

MSVOA_U

ClientSampleId :

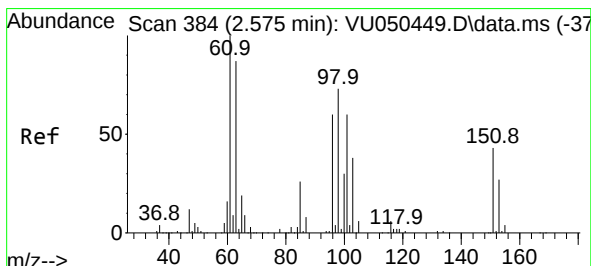
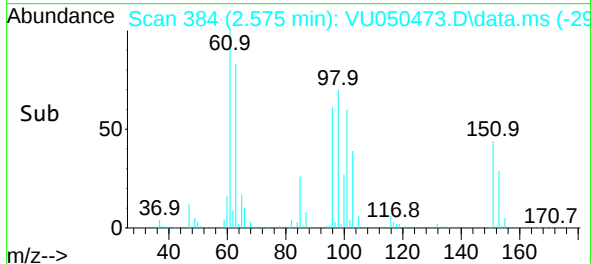
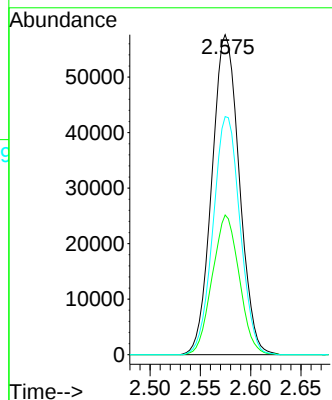
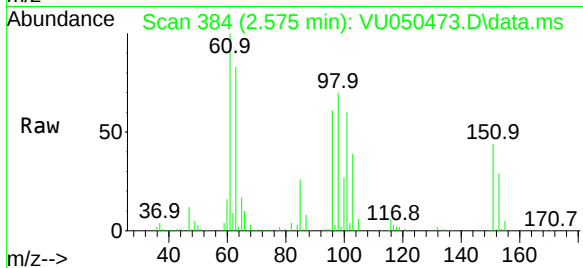
Tgt Ion:101 Resp: 109438

Ion Ratio Lower Upper

101 100

85 42.9 35.3 52.9

151 73.2 57.3 85.9



#12

1,1-Dichloroethene

Concen: 47.755 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.000 min

Lab File: VU050473.D

Acq: 29 Aug 2022 10:16

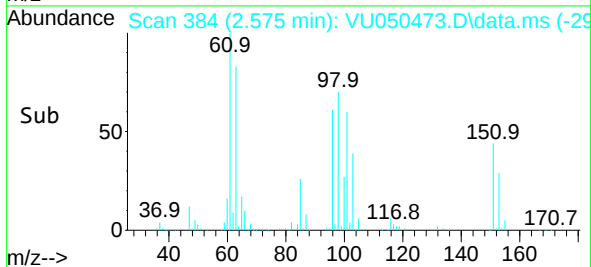
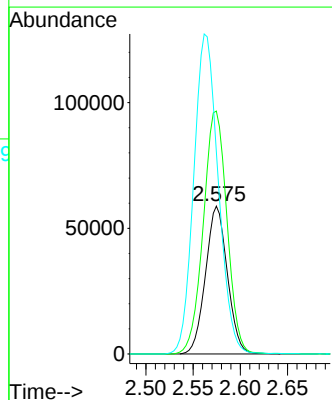
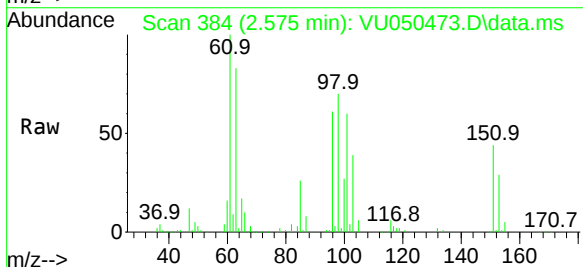
Tgt Ion: 96 Resp: 94626

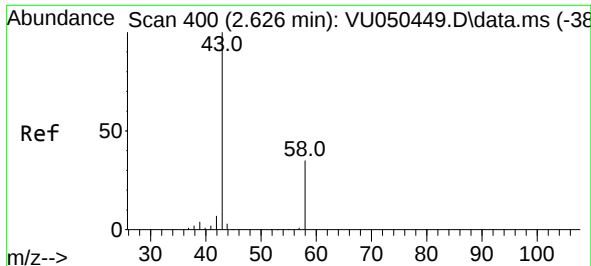
Ion Ratio Lower Upper

96 100

61 164.3 116.8 216.8

63 136.7 97.4 180.8





#13

Acetone

Concen: 123.316 ug/L

RT: 2.629 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU050473.D

Acq: 29 Aug 2022 10:16

Instrument :

MSVOA_U

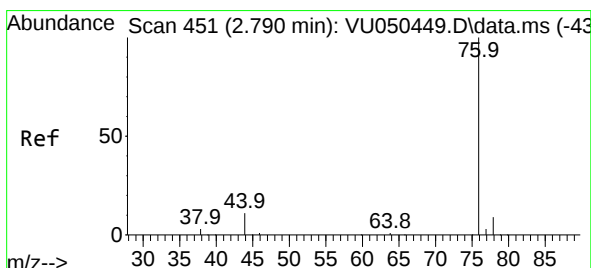
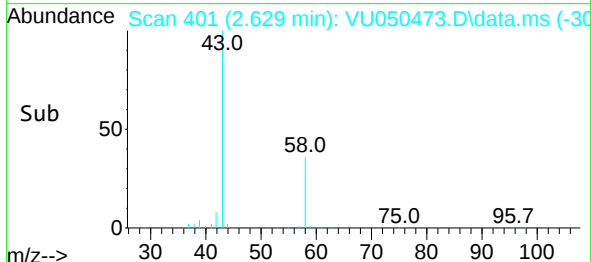
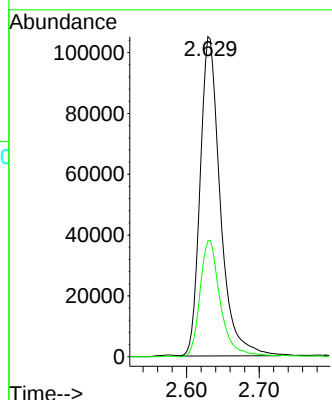
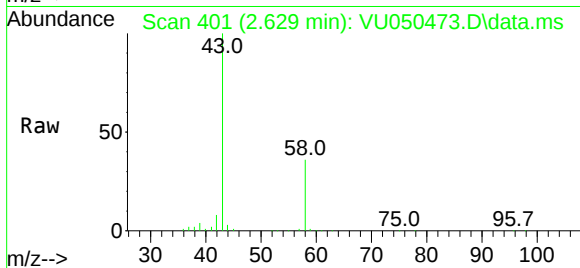
ClientSampleId :

Tgt Ion: 43 Resp: 202701

Ion Ratio Lower Upper

43 100

58 36.8 0.0 72.2



#14

Carbon disulfide

Concen: 40.411 ug/L

RT: 2.787 min Scan# 450

Delta R.T. -0.003 min

Lab File: VU050473.D

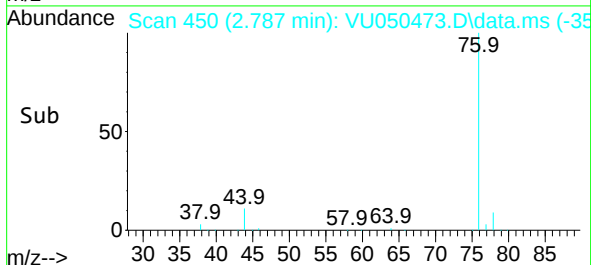
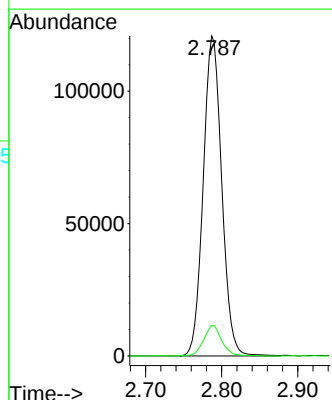
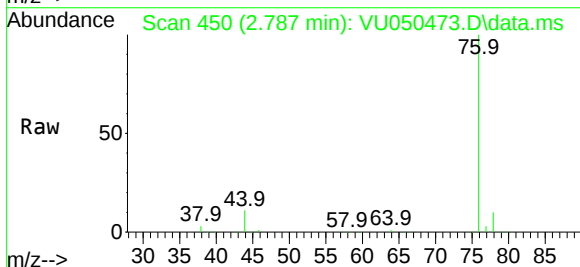
Acq: 29 Aug 2022 10:16

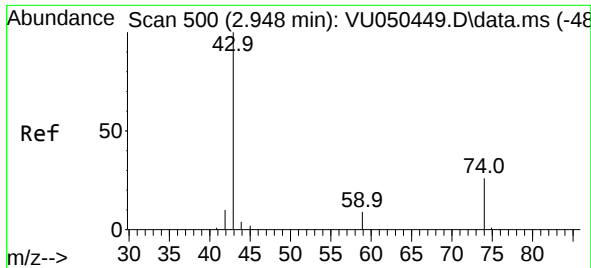
Tgt Ion: 76 Resp: 204337

Ion Ratio Lower Upper

76 100

78 9.6 7.3 10.9

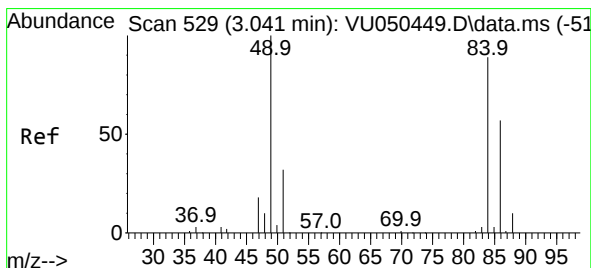
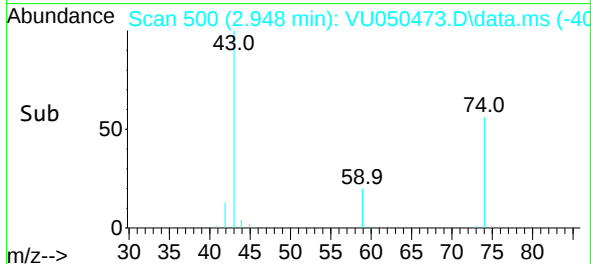
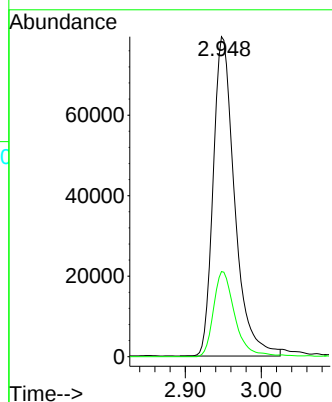
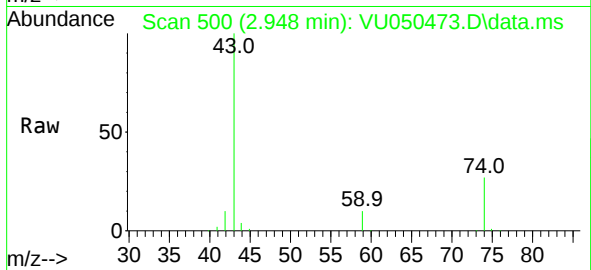




#15
Methyl Acetate
Concen: 52.571 ug/L
RT: 2.948 min Scan# 500
Delta R.T. -0.000 min
Lab File: VU050473.D
Acq: 29 Aug 2022 10:16

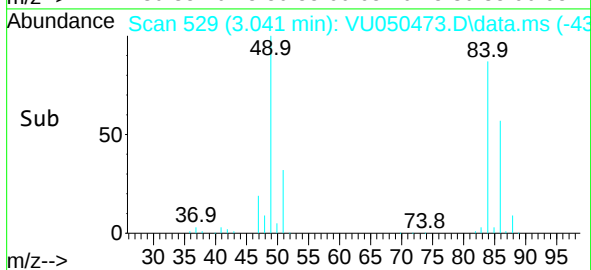
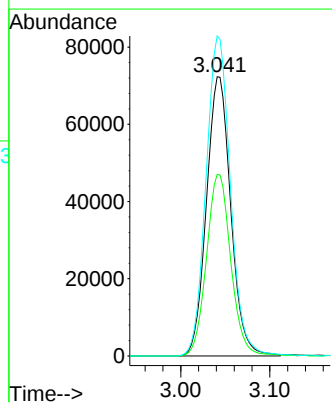
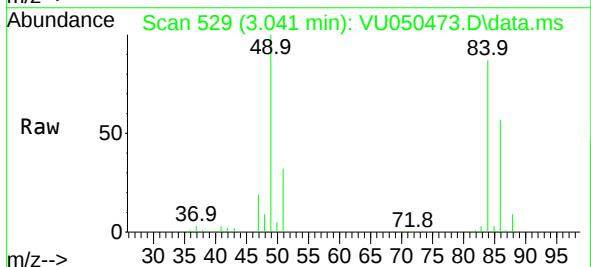
Instrument :
MSVOA_U
ClientSampleId :

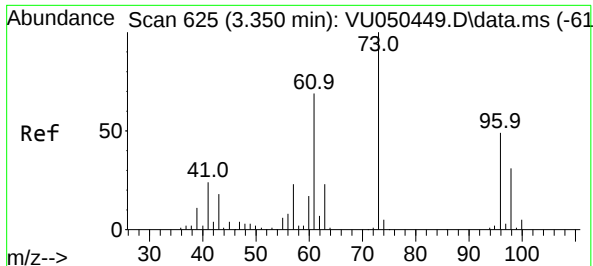
Tgt Ion: 43 Resp: 155470
Ion Ratio Lower Upper
43 100
74 26.3 21.2 31.8



#16
Methylene chloride
Concen: 49.660 ug/L
RT: 3.041 min Scan# 529
Delta R.T. -0.000 min
Lab File: VU050473.D
Acq: 29 Aug 2022 10:16

Tgt Ion: 84 Resp: 137138
Ion Ratio Lower Upper
84 100
86 65.0 43.9 81.5
49 114.6 80.4 149.4





#17

trans-1,2-Dichloroethene

Concen: 48.247 ug/L

RT: 3.350 min Scan# 61

Delta R.T. -0.000 min

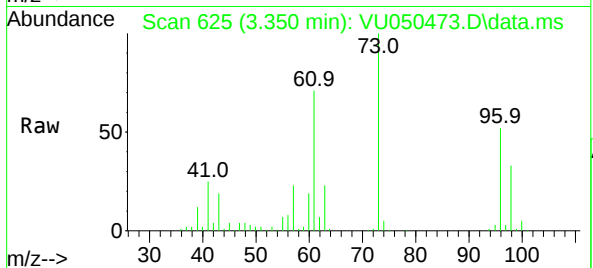
Lab File: VU050473.D

Acq: 29 Aug 2022 10:16

Instrument :

MSVOA_U

ClientSampleId :



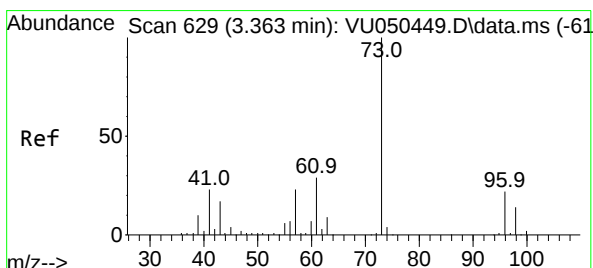
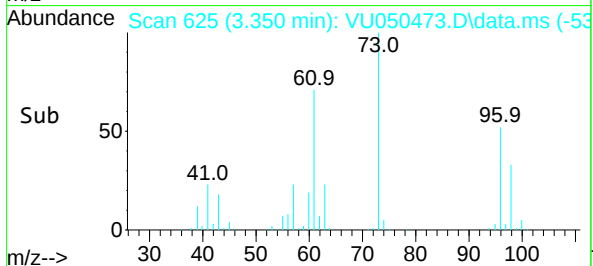
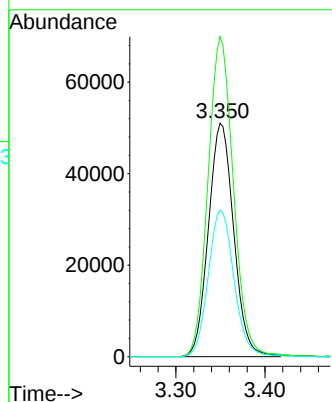
Tgt Ion: 96 Resp: 100499

Ion Ratio Lower Upper

96 100

61 137.0 98.5 182.9

98 62.8 45.7 84.9



#18

Methyl tert-butyl Ether

Concen: 56.185 ug/L

RT: 3.366 min Scan# 630

Delta R.T. 0.003 min

Lab File: VU050473.D

Acq: 29 Aug 2022 10:16

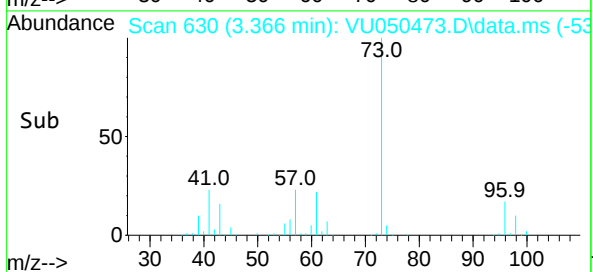
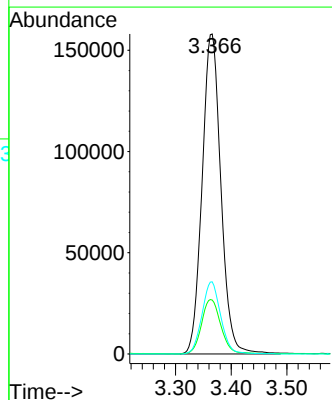
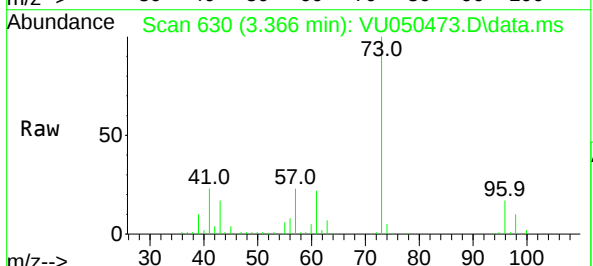
Tgt Ion: 73 Resp: 370417

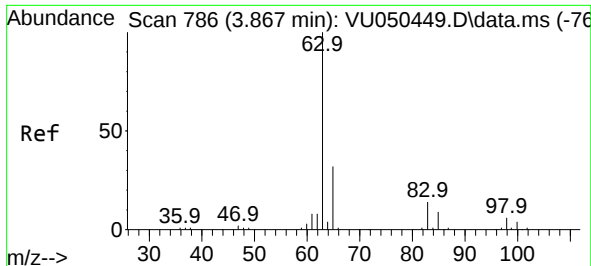
Ion Ratio Lower Upper

73 100

43 17.3 14.4 21.6

57 22.4 17.8 26.8





#19

1,1-Dichloroethane

Concen: 51.038 ug/L

RT: 3.867 min Scan# 786

Delta R.T. -0.000 min

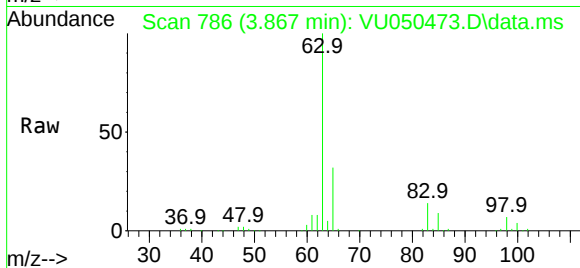
Lab File: VU050473.D

Acq: 29 Aug 2022 10:16

Instrument :

MSVOA_U

ClientSampleId :



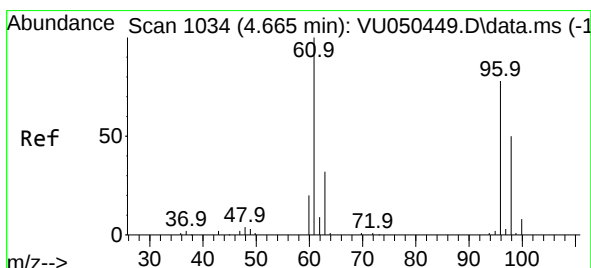
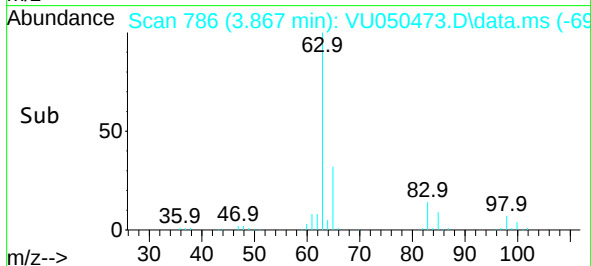
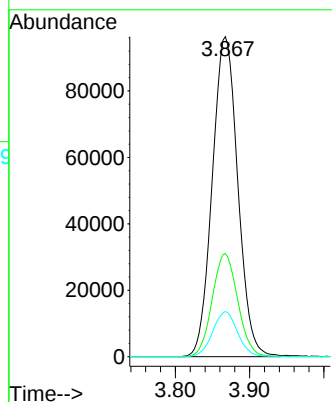
Tgt Ion: 63 Resp: 230325

Ion Ratio Lower Upper

63 100

65 32.2 23.3 43.3

83 14.1 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 51.673 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.000 min

Lab File: VU050473.D

Acq: 29 Aug 2022 10:16

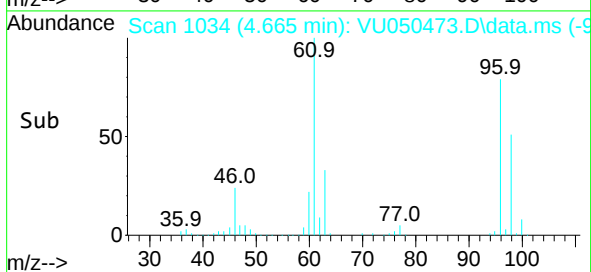
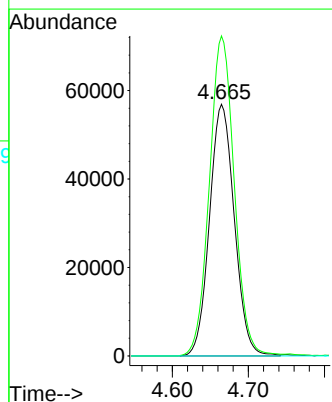
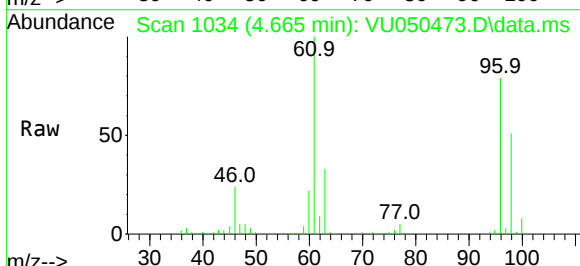
Tgt Ion: 96 Resp: 128894

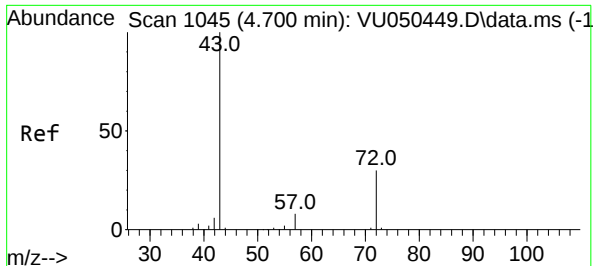
Ion Ratio Lower Upper

96 100

61 127.1 88.1 163.5

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 113.475 ug/L

RT: 4.706 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VU050473.D

Acq: 29 Aug 2022 10:16

Instrument :

MSVOA_U

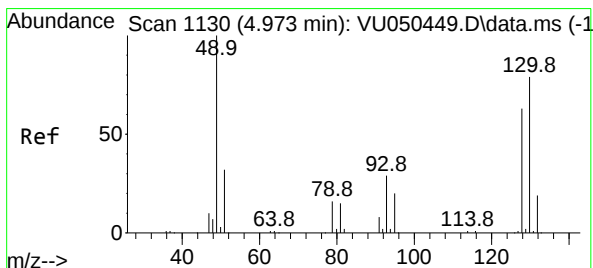
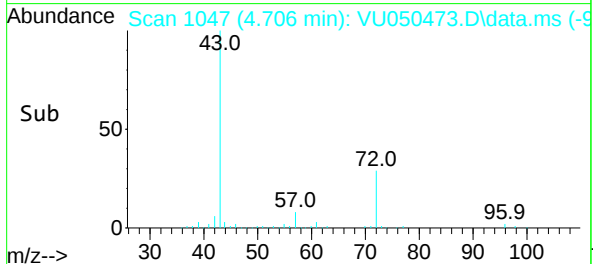
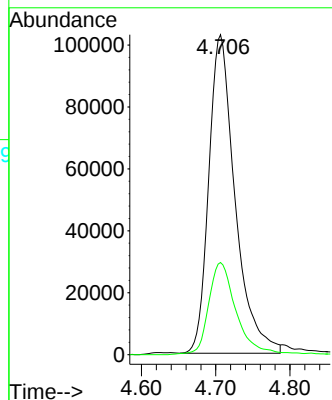
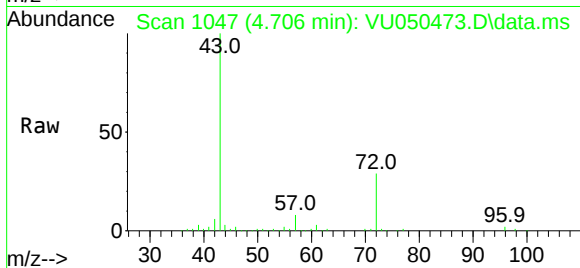
ClientSampleId :

Tgt Ion: 43 Resp: 252790

Ion Ratio Lower Upper

43 100

72 30.1 15.0 45.0



#23

Bromochloromethane

Concen: 52.896 ug/L

RT: 4.973 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VU050473.D

Acq: 29 Aug 2022 10:16

Tgt Ion: 128 Resp: 72065

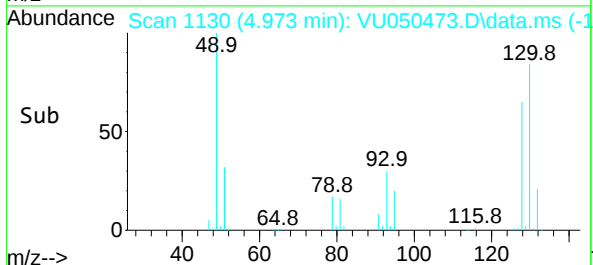
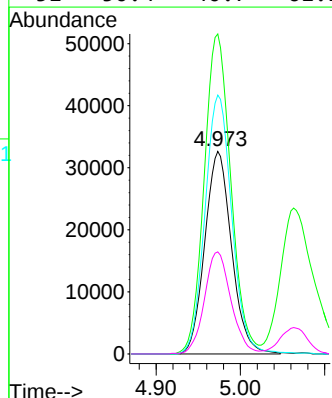
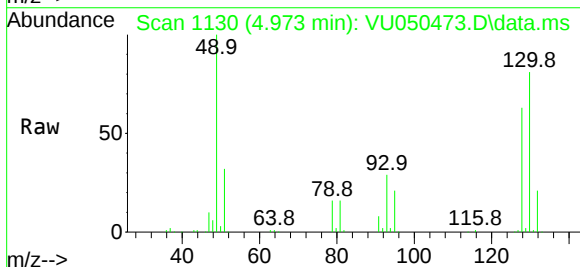
Ion Ratio Lower Upper

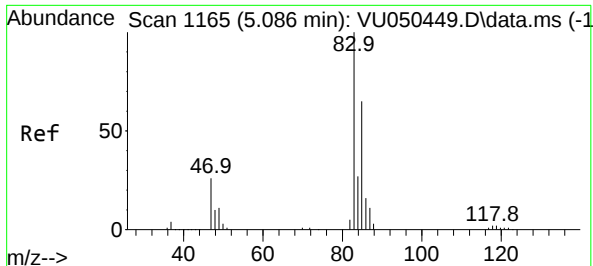
128 100

49 158.0 111.2 206.4

130 127.8 91.1 169.1

51 50.4 40.7 61.1





#25

Chloroform

Concen: 52.063 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. -0.000 min

Lab File: VU050473.D

Acq: 29 Aug 2022 10:16

Instrument :

MSVOA_U

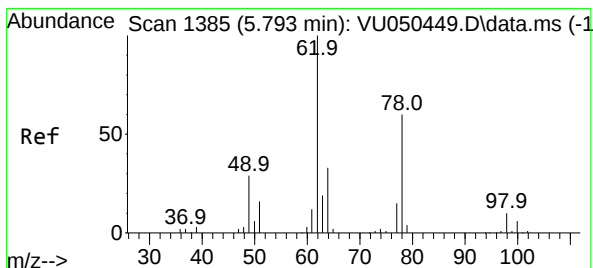
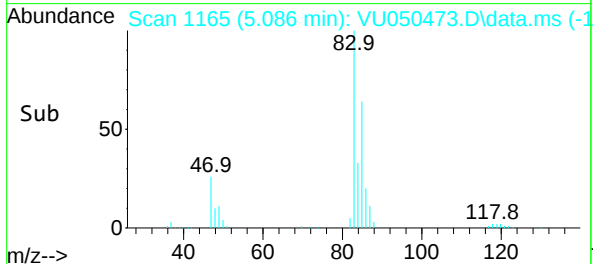
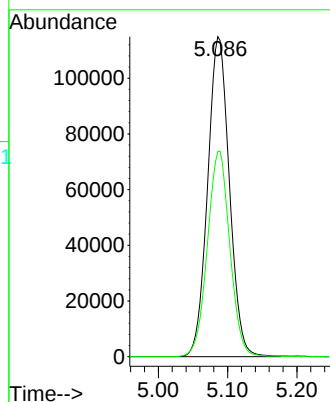
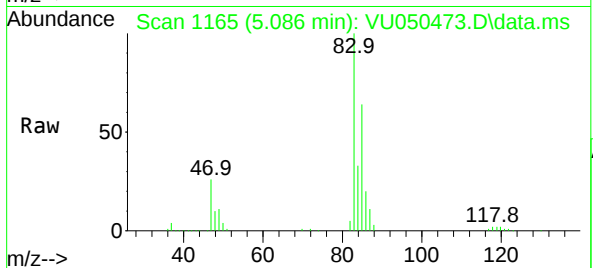
ClientSampleId :

Tgt Ion: 83 Resp: 250301

Ion Ratio Lower Upper

83 100

85 64.1 45.7 84.9



#27

1,2-Dichloroethane

Concen: 51.969 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. -0.000 min

Lab File: VU050473.D

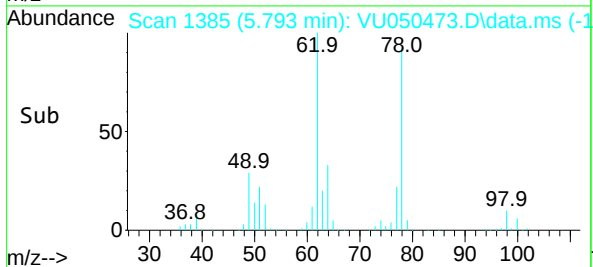
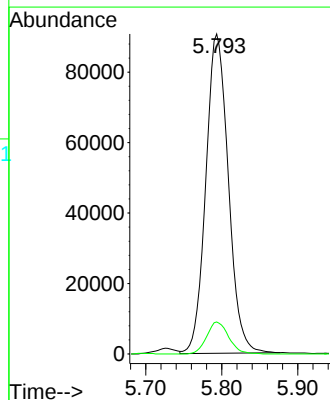
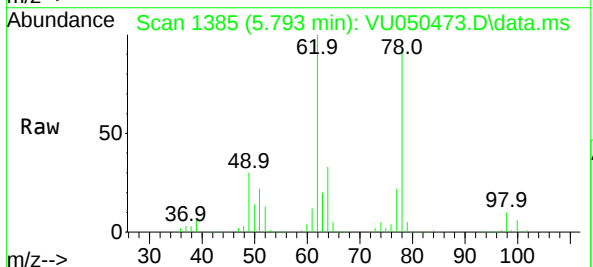
Acq: 29 Aug 2022 10:16

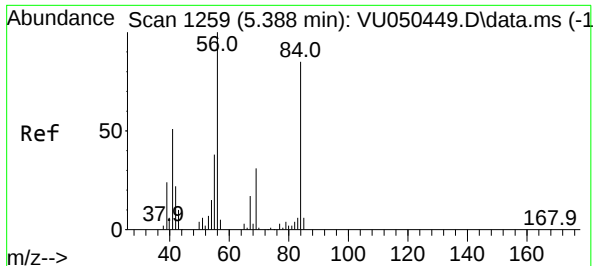
Tgt Ion: 62 Resp: 186375

Ion Ratio Lower Upper

62 100

98 10.0 7.3 10.9





#29

Cyclohexane

Concen: 47.863 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. -0.000 min

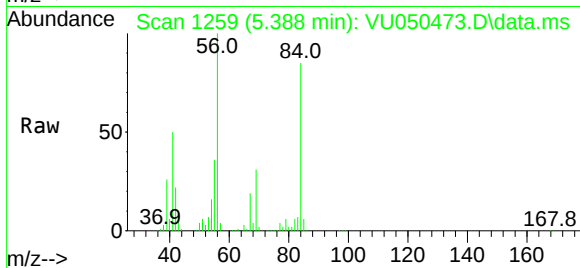
Lab File: VU050473.D

Acq: 29 Aug 2022 10:16

Instrument :

MSVOA_U

ClientSampleId :



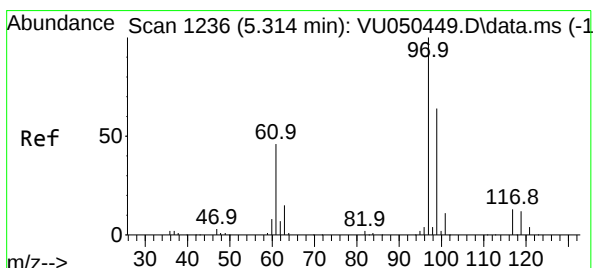
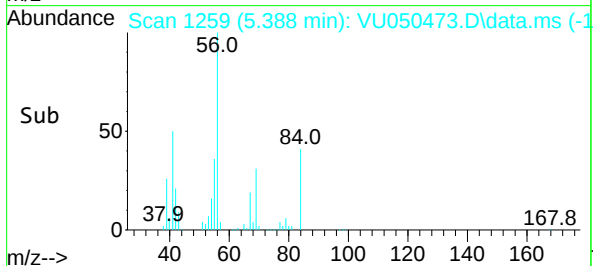
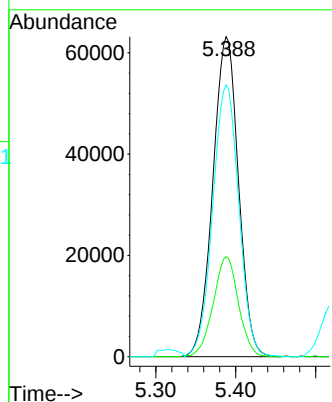
Tgt Ion: 56 Resp: 140370

Ion Ratio Lower Upper

56 100

69 30.8 24.6 36.8

84 86.7 68.8 103.2



#30

1,1,1-Trichloroethane

Concen: 50.633 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. -0.000 min

Lab File: VU050473.D

Acq: 29 Aug 2022 10:16

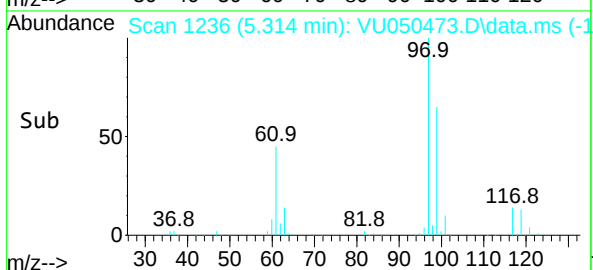
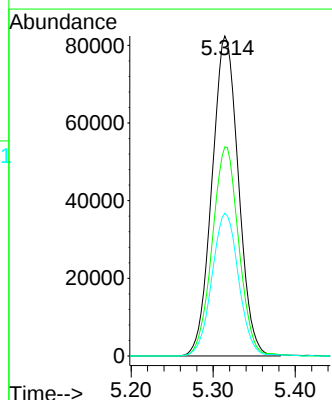
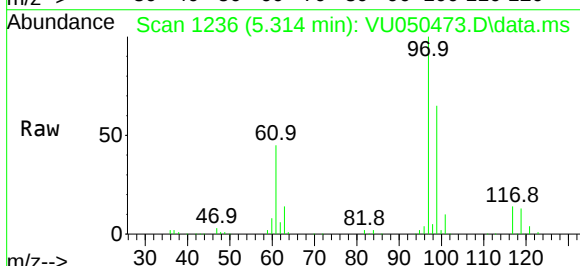
Tgt Ion: 97 Resp: 184686

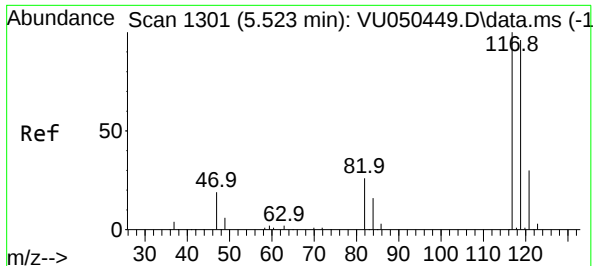
Ion Ratio Lower Upper

97 100

99 65.3 51.2 76.8

61 44.9 36.6 55.0

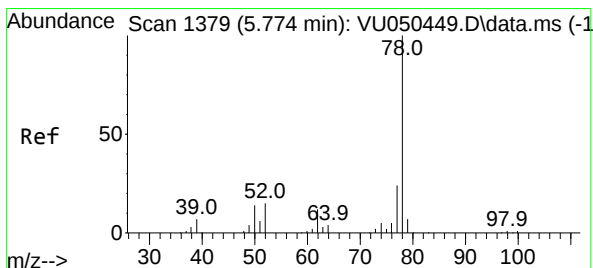
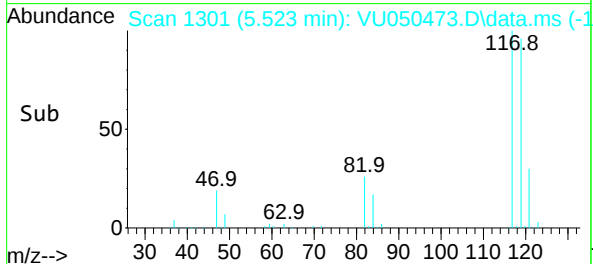
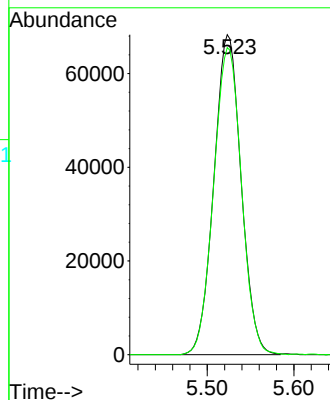
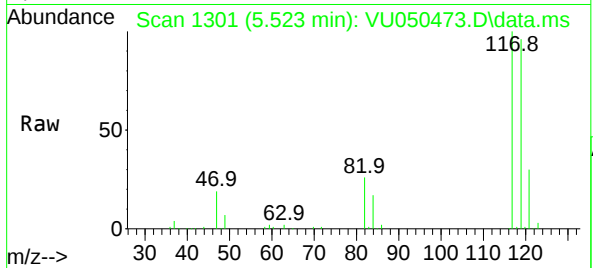




#31
Carbon tetrachloride
Concen: 49.793 ug/L
RT: 5.523 min Scan# 1301
Delta R.T. -0.000 min
Lab File: VU050473.D
Acq: 29 Aug 2022 10:16

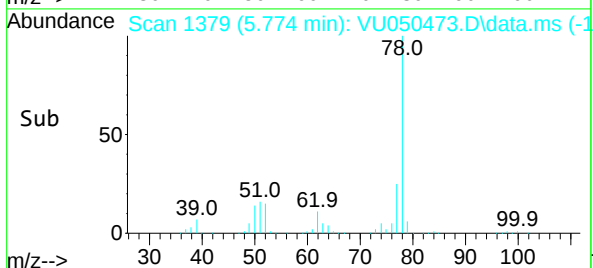
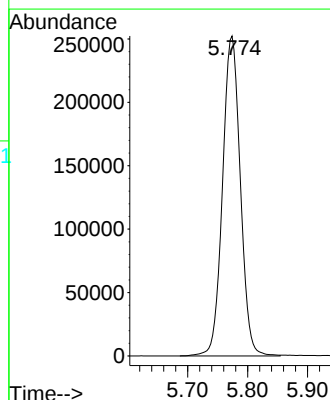
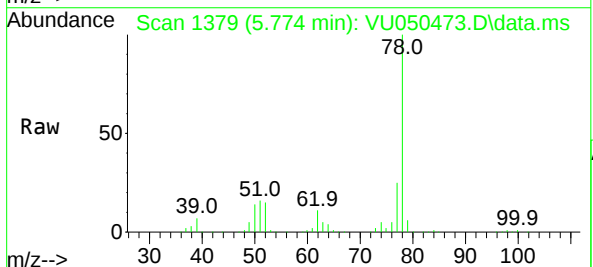
Instrument :
MSVOA_U
ClientSampleId :

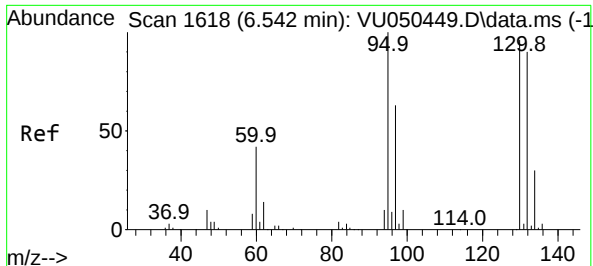
Tgt Ion:117 Resp: 149047
Ion Ratio Lower Upper
117 100
119 97.9 76.9 115.3



#33
Benzene
Concen: 53.745 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VU050473.D
Acq: 29 Aug 2022 10:16

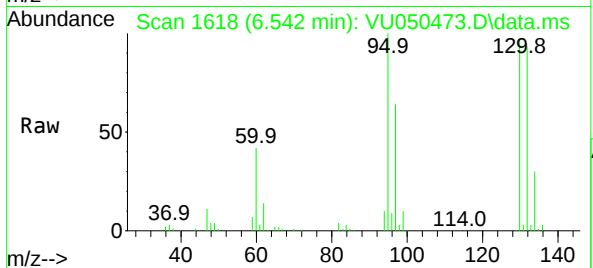
Tgt Ion: 78 Resp: 518788



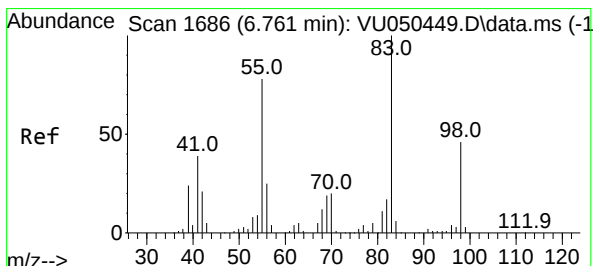
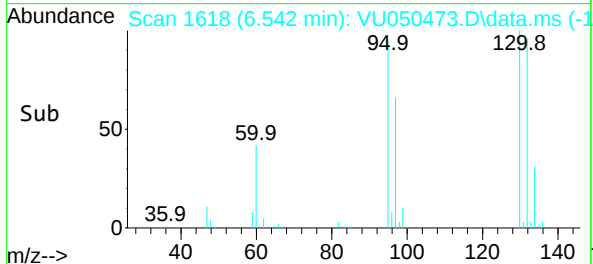
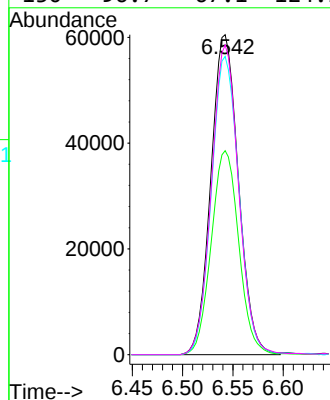


#34
Trichloroethene
Concen: 50.518 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU050473.D
Acq: 29 Aug 2022 10:16

Instrument :
MSVOA_U
ClientSampleId :

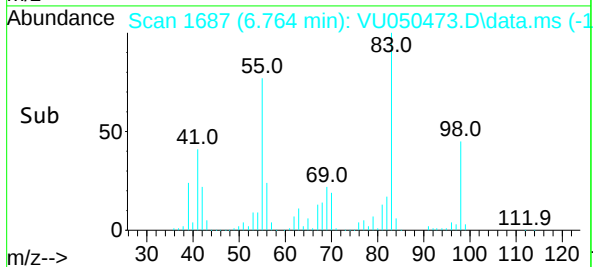
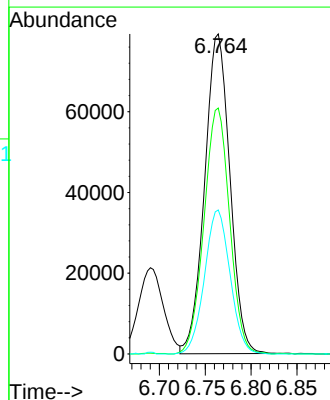
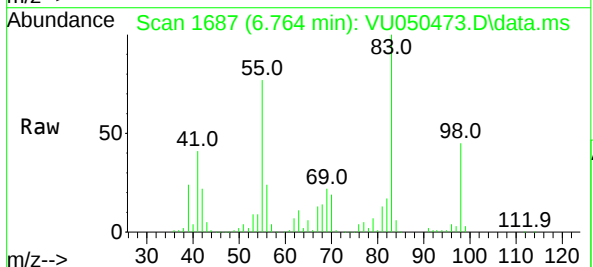


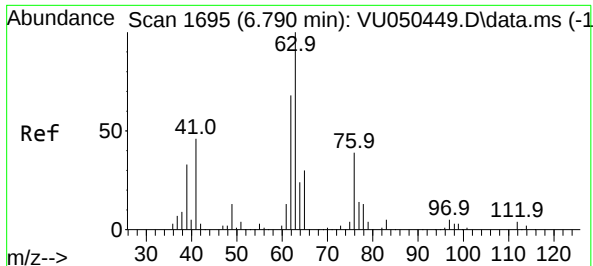
Tgt Ion: 95 Resp: 115428
Ion Ratio Lower Upper
95 100
97 63.7 45.2 84.0
132 93.2 64.4 119.6
130 96.7 67.1 124.5



#35
Methylcyclohexane
Concen: 47.546 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. 0.003 min
Lab File: VU050473.D
Acq: 29 Aug 2022 10:16

Tgt Ion: 83 Resp: 151907
Ion Ratio Lower Upper
83 100
55 77.9 61.9 92.9
98 45.5 35.8 53.8





#37

1,2-Dichloropropane

Concen: 53.747 ug/L

RT: 6.790 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU050473.D

Acq: 29 Aug 2022 10:16

Instrument :

MSVOA_U

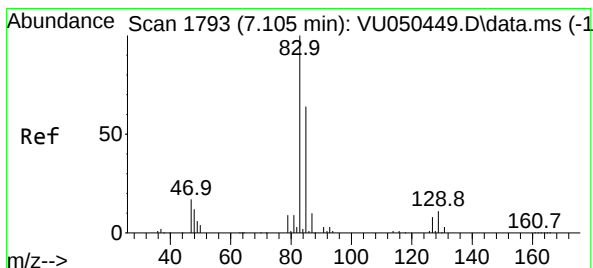
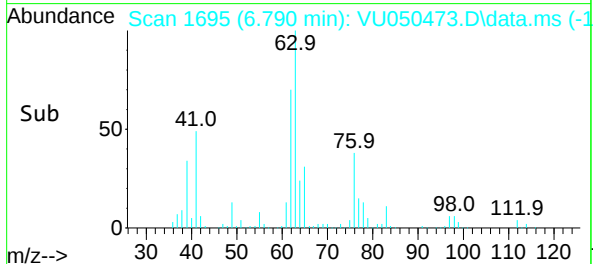
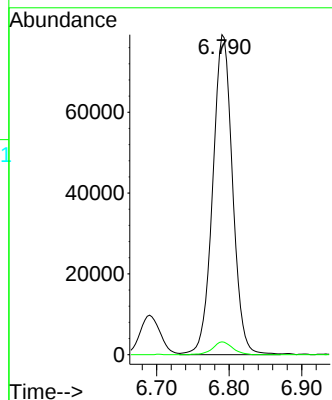
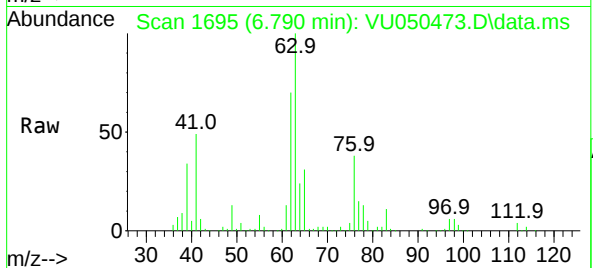
ClientSampleId :

Tgt Ion: 63 Resp: 150698

Ion Ratio Lower Upper

63 100

112 4.0 3.0 4.4



#38

Bromodichloromethane

Concen: 52.774 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VU050473.D

Acq: 29 Aug 2022 10:16

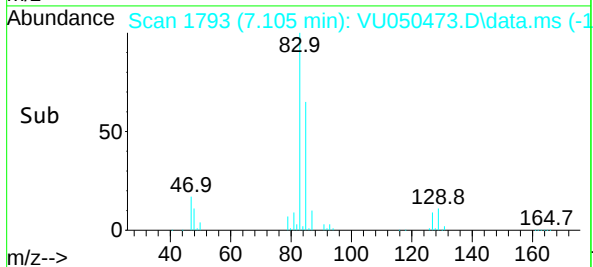
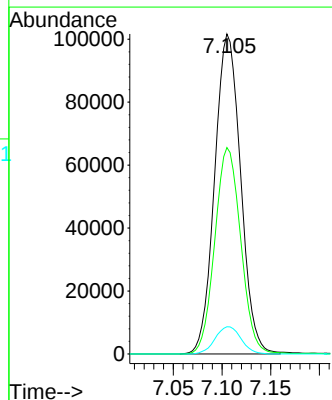
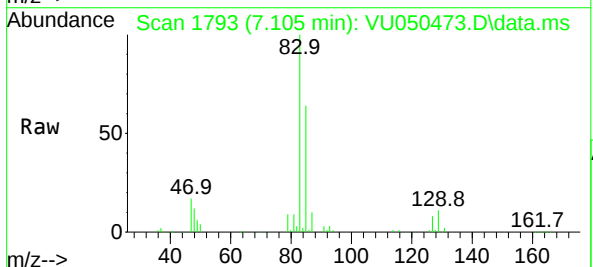
Tgt Ion: 83 Resp: 188786

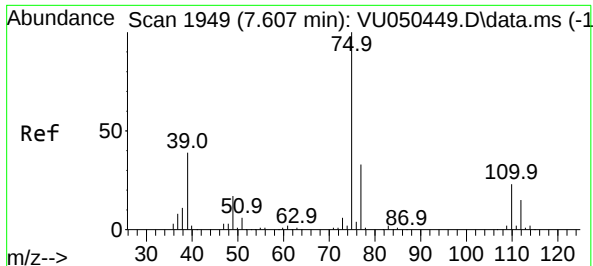
Ion Ratio Lower Upper

83 100

85 64.5 46.2 85.8

127 8.5 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 54.031 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU050473.D

Acq: 29 Aug 2022 10:16

Instrument :

MSVOA_U

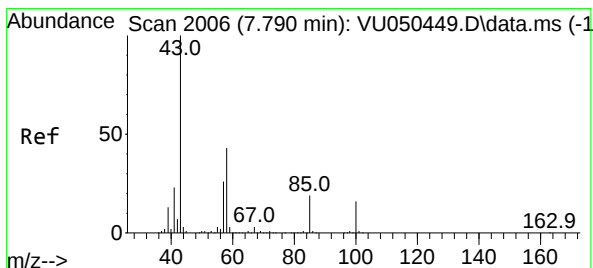
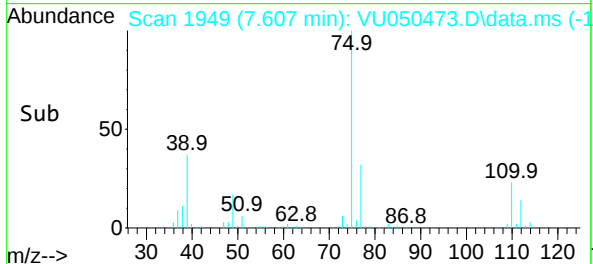
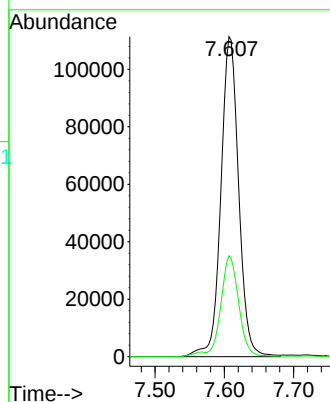
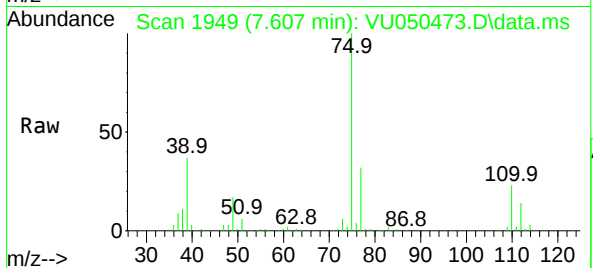
ClientSampleId :

Tgt Ion: 75 Resp: 198944

Ion Ratio Lower Upper

75 100

77 31.6 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 115.432 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. 0.003 min

Lab File: VU050473.D

Acq: 29 Aug 2022 10:16

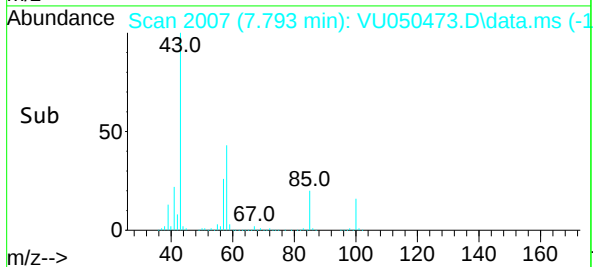
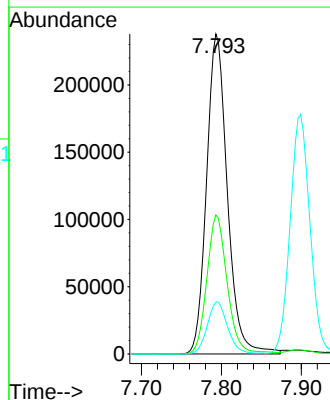
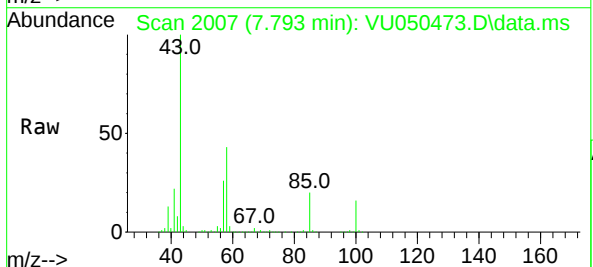
Tgt Ion: 43 Resp: 430102

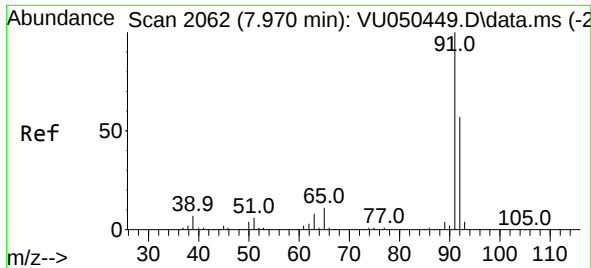
Ion Ratio Lower Upper

43 100

58 42.6 34.0 51.0

100 15.9 13.0 19.4





#42

Toluene

Concen: 54.520 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU050473.D

Acq: 29 Aug 2022 10:16

Instrument :

MSVOA_U

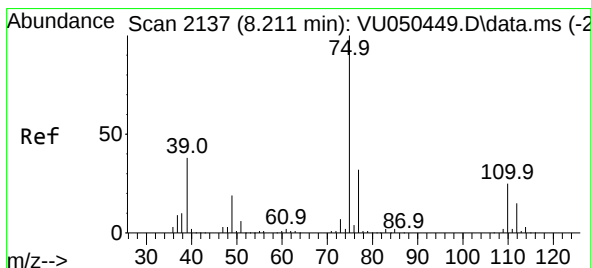
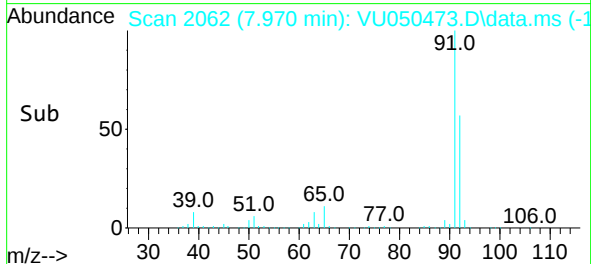
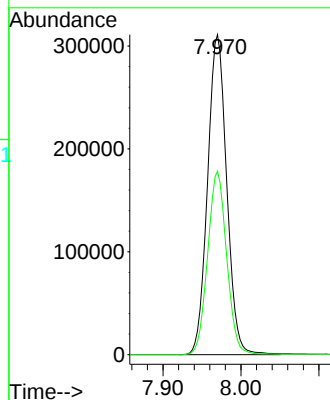
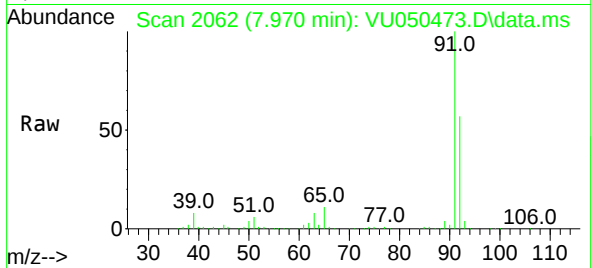
ClientSampleId :

Tgt Ion: 91 Resp: 530228

Ion Ratio Lower Upper

91 100

92 57.3 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 55.380 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU050473.D

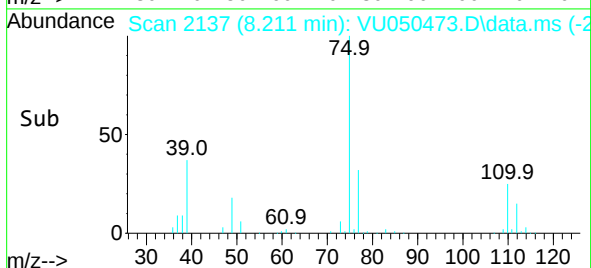
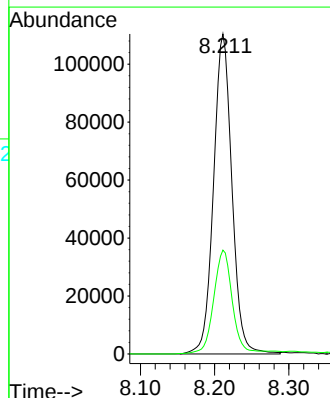
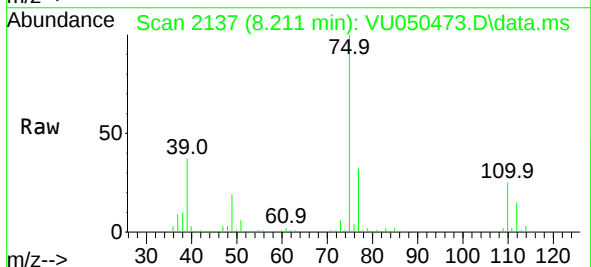
Acq: 29 Aug 2022 10:16

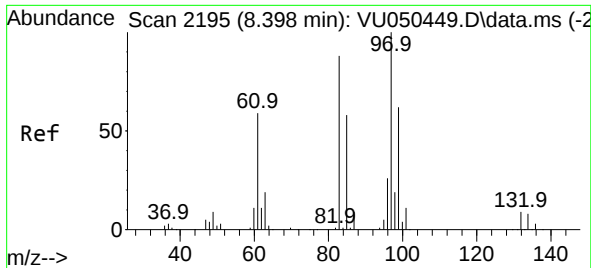
Tgt Ion: 75 Resp: 190068

Ion Ratio Lower Upper

75 100

77 32.5 22.5 41.7

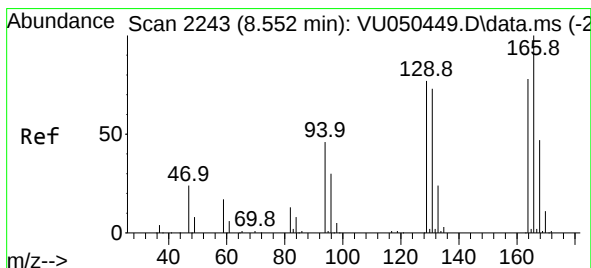
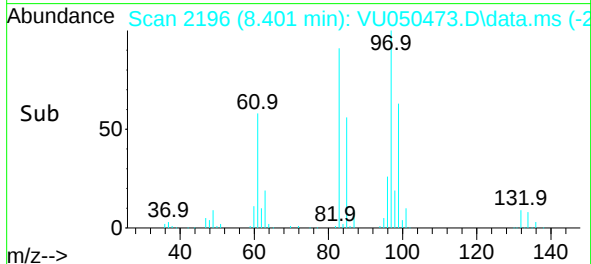
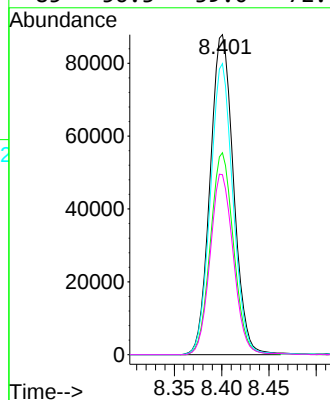
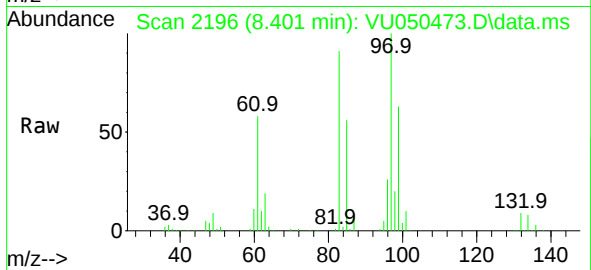




#45
1,1,2-Trichloroethane
Concen: 54.881 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VU050473.D
Acq: 29 Aug 2022 10:16

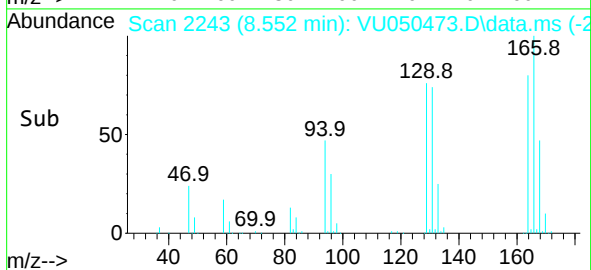
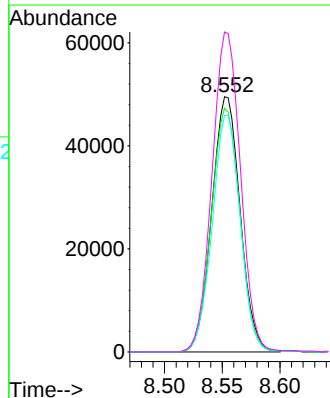
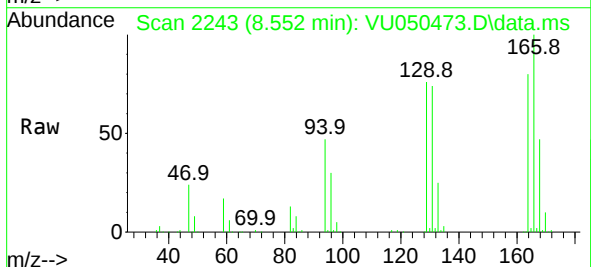
Instrument :
MSVOA_U
ClientSampleId :

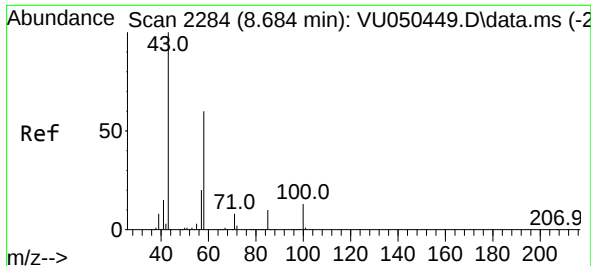
Tgt Ion:	97	Resp:	151415
Ion	Ratio	Lower	Upper
97	100		
99	63.1	43.3	80.3
83	90.9	60.3	112.1
85	56.3	39.0	72.4



#46
Tetrachloroethene
Concen: 50.465 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU050473.D
Acq: 29 Aug 2022 10:16

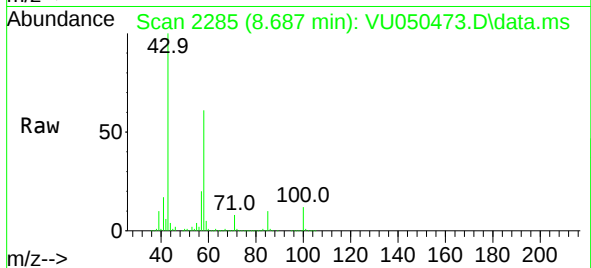
Tgt Ion:	164	Resp:	84687
Ion	Ratio	Lower	Upper
164	100		
129	95.5	68.0	126.4
131	92.6	65.4	121.4
166	125.4	86.5	160.7





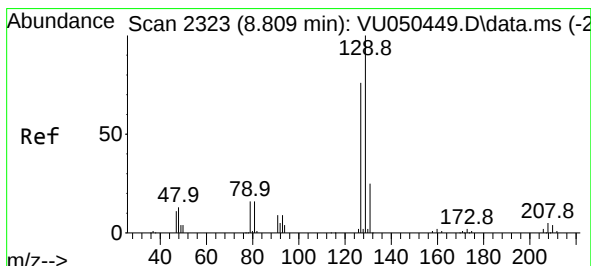
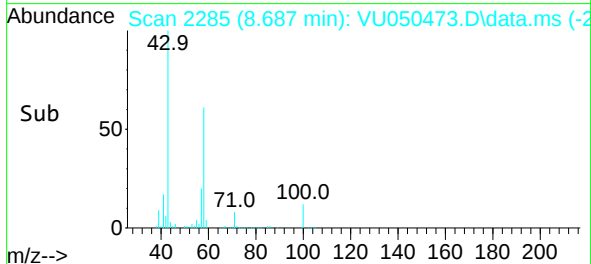
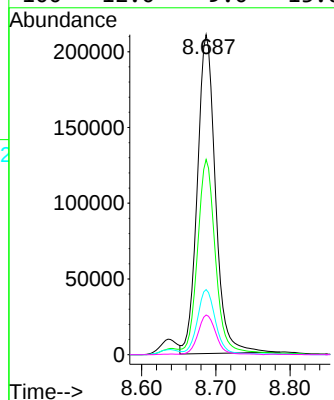
#48
2-Hexanone
Concen: 114.959 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU050473.D
Acq: 29 Aug 2022 10:16

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 357714

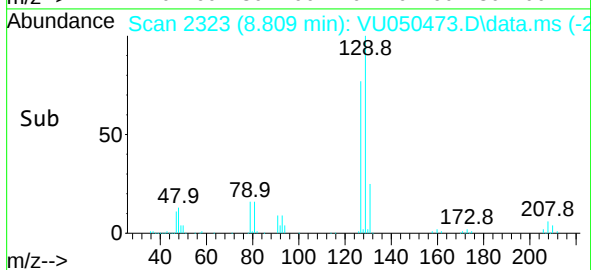
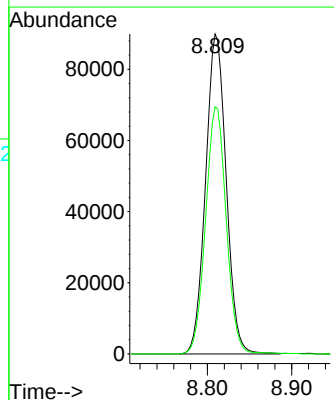
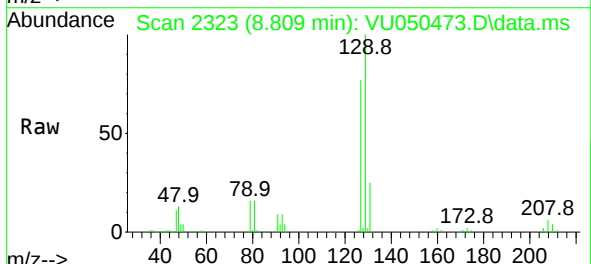
Ion	Ratio	Lower	Upper
43	100		
58	60.2	47.9	71.9
57	20.6	15.4	23.0
100	12.0	9.0	13.6

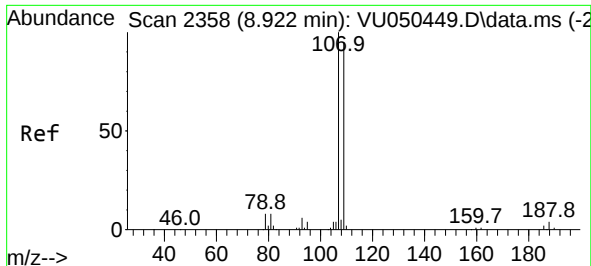


#49
Dibromochloromethane
Concen: 53.640 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VU050473.D
Acq: 29 Aug 2022 10:16

Tgt Ion: 129 Resp: 153298

Ion	Ratio	Lower	Upper
129	100		
127	77.3	55.9	103.7





#50

1,2-Dibromoethane

Concen: 53.441 ug/L

RT: 8.925 min Scan# 21

Delta R.T. 0.003 min

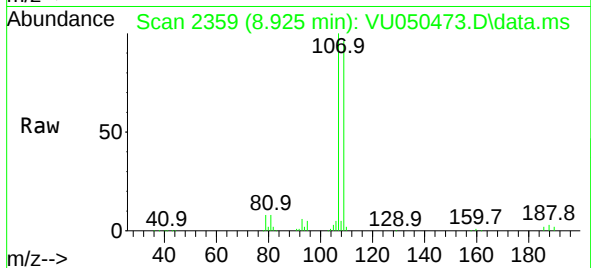
Lab File: VU050473.D

Acq: 29 Aug 2022 10:16

Instrument :

MSVOA_U

ClientSampleId :



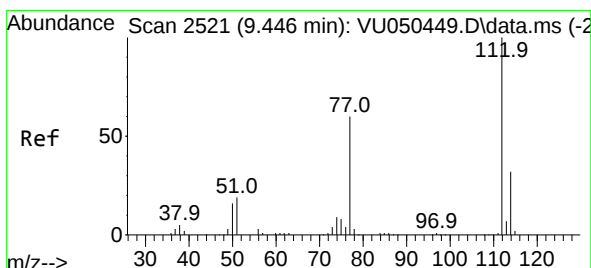
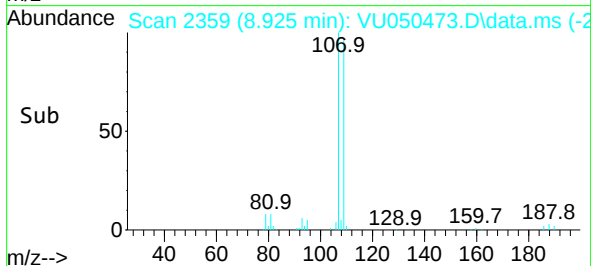
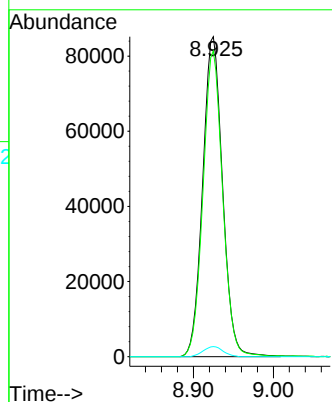
Tgt Ion:107 Resp: 147349

Ion Ratio Lower Upper

107 100

109 95.6 66.0 122.6

188 3.2 2.7 4.1



#51

Chlorobenzene

Concen: 51.713 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.000 min

Lab File: VU050473.D

Acq: 29 Aug 2022 10:16

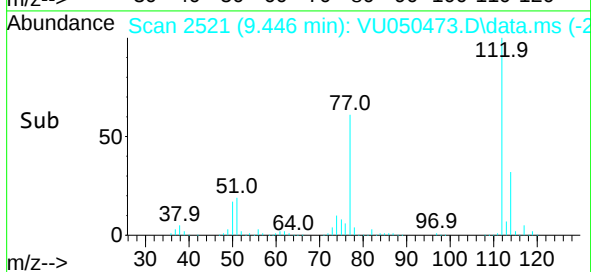
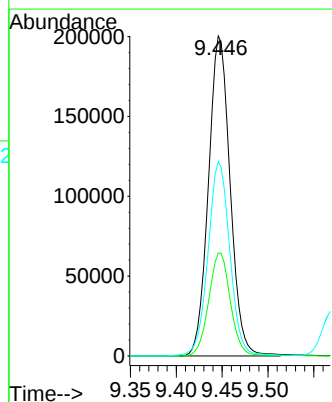
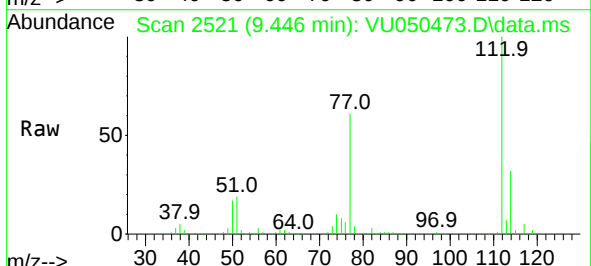
Tgt Ion:112 Resp: 330042

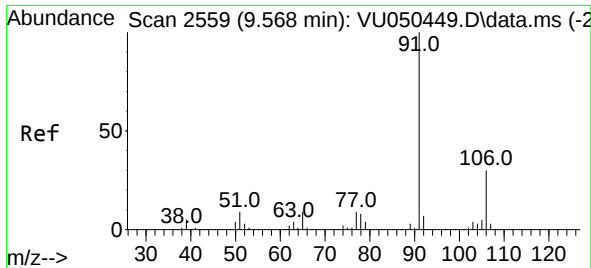
Ion Ratio Lower Upper

112 100

114 32.2 21.8 40.6

77 60.7 47.6 71.4

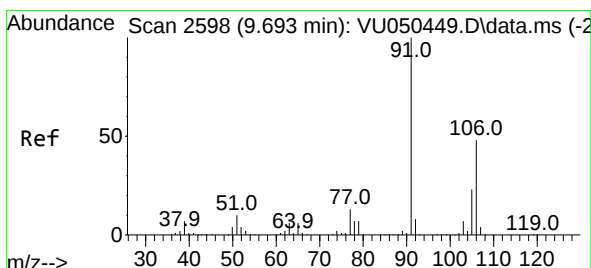
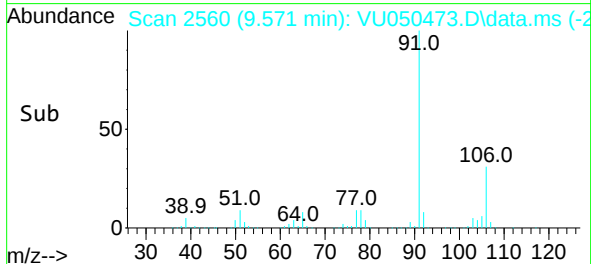
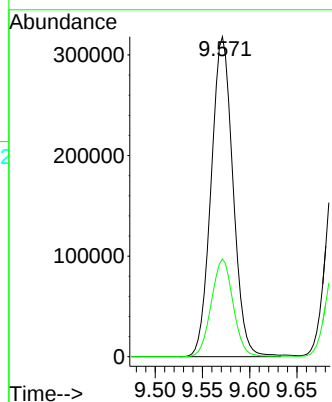
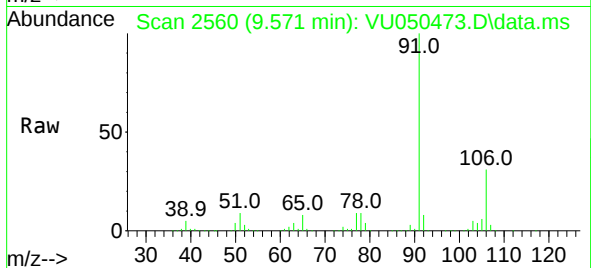




#52
Ethylbenzene
Concen: 52.119 ug/L
RT: 9.571 min Scan# 2559
Delta R.T. 0.003 min
Lab File: VU050473.D
Acq: 29 Aug 2022 10:16

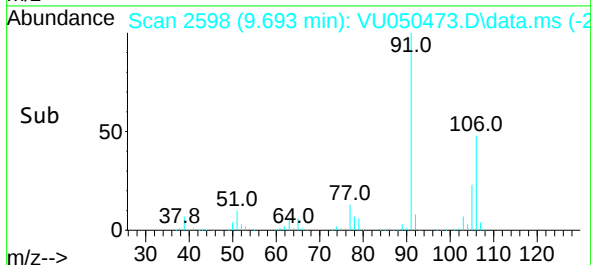
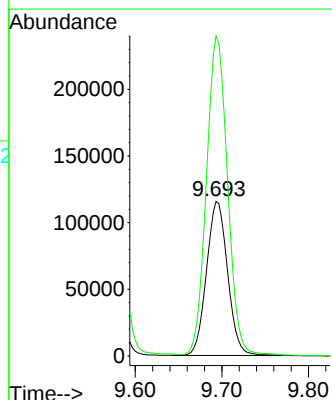
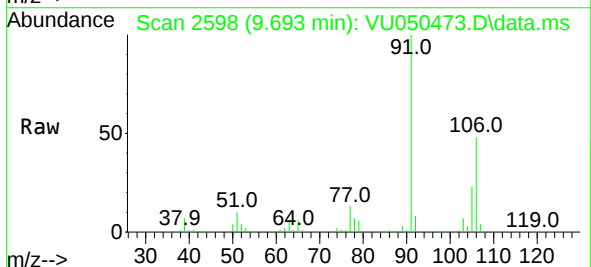
Instrument :
MSVOA_U
ClientSampleId :

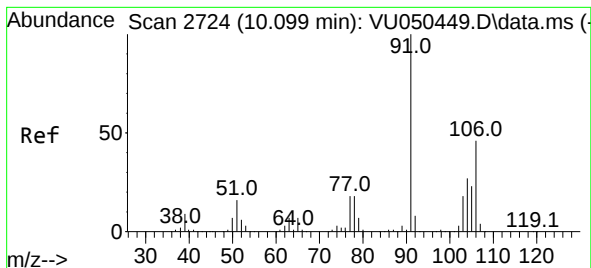
Tgt Ion: 91 Resp: 510868
Ion Ratio Lower Upper
91 100
106 30.5 21.7 40.3



#53
m,p-Xylene
Concen: 53.368 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU050473.D
Acq: 29 Aug 2022 10:16

Tgt Ion:106 Resp: 195351
Ion Ratio Lower Upper
106 100
91 207.0 145.9 270.9





#54

o-Xylene

Concen: 55.110 ug/L

RT: 10.102 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU050473.D

Acq: 29 Aug 2022 10:16

Instrument :

MSVOA_U

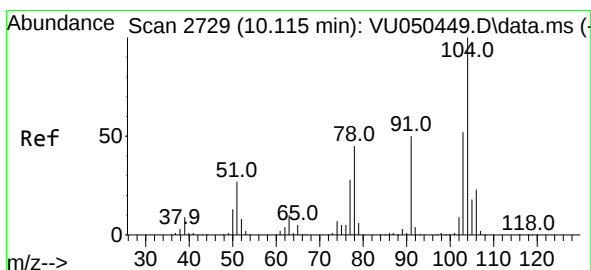
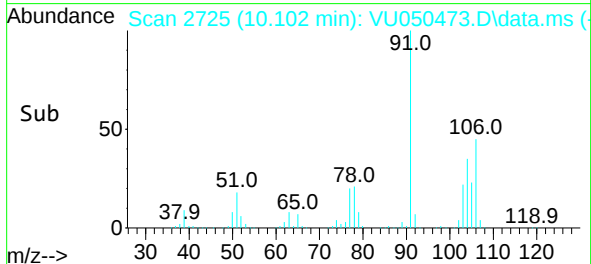
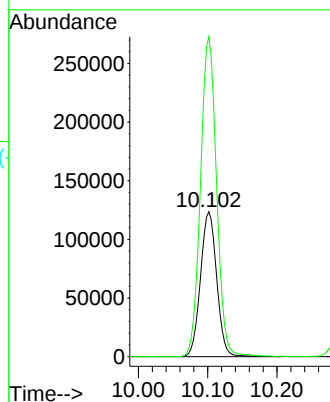
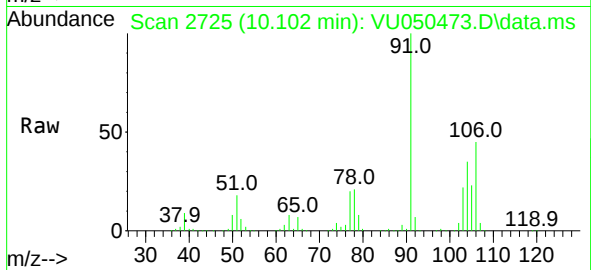
ClientSampleId :

Tgt Ion:106 Resp: 200418

Ion Ratio Lower Upper

106 100

91 220.8 154.8 287.4



#55

Styrene

Concen: 57.248 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. -0.000 min

Lab File: VU050473.D

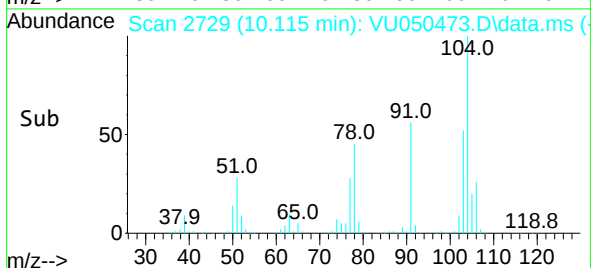
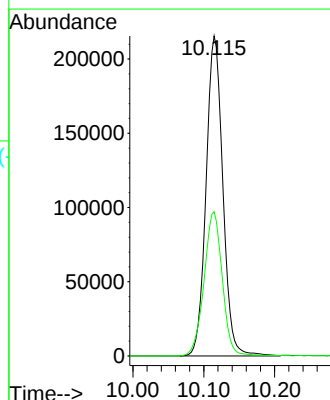
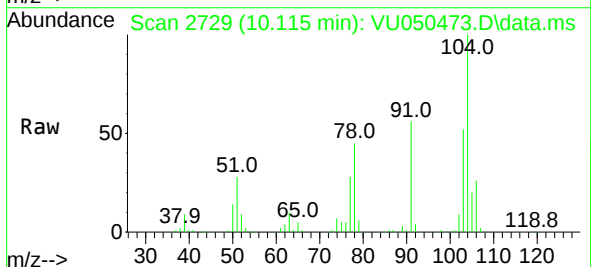
Acq: 29 Aug 2022 10:16

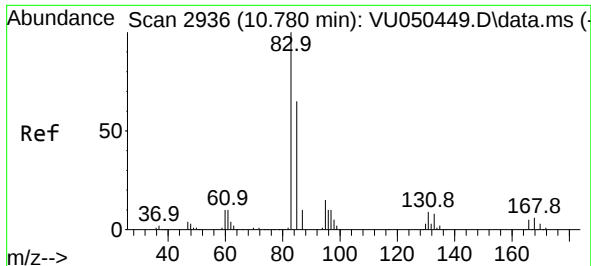
Tgt Ion:104 Resp: 354256

Ion Ratio Lower Upper

104 100

78 45.1 31.6 58.8

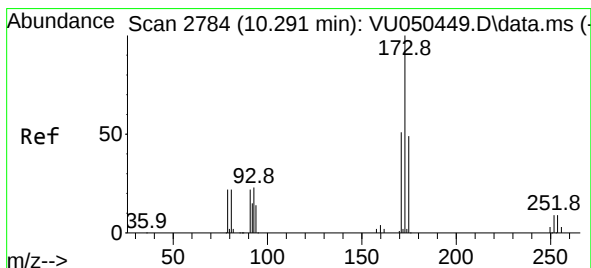
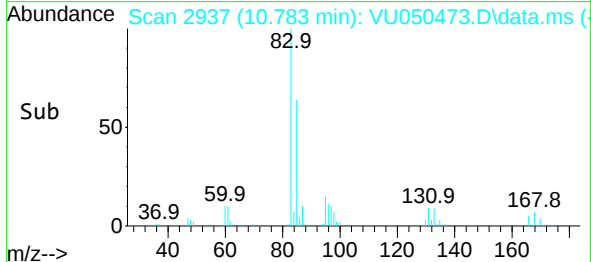
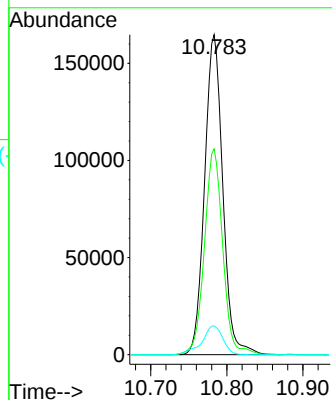
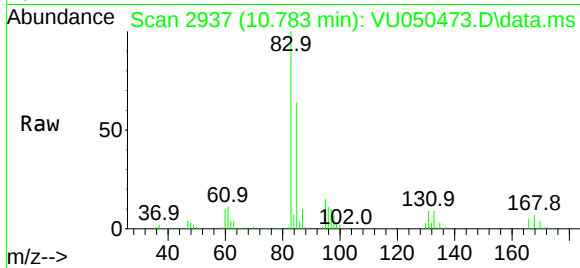




#57
1,1,2,2-Tetrachloroethane
Concen: 54.229 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. 0.003 min
Lab File: VU050473.D
Acq: 29 Aug 2022 10:16

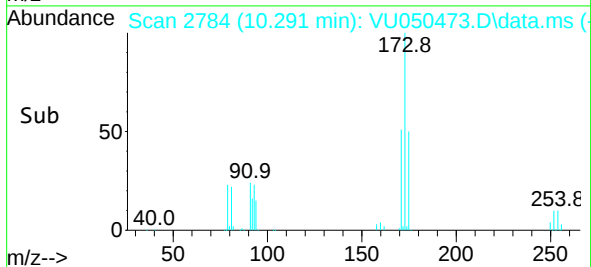
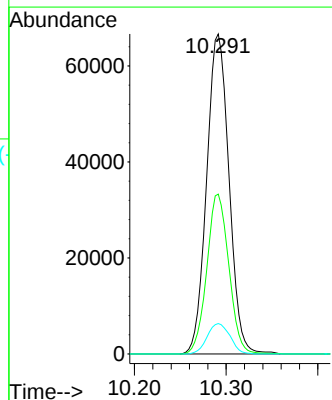
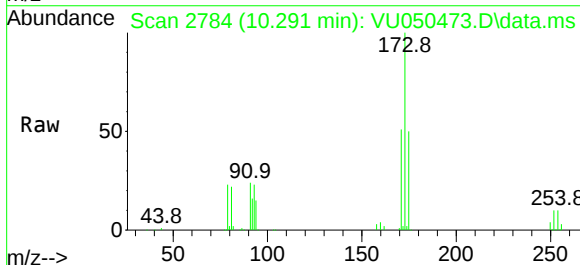
Instrument :
MSVOA_U
ClientSampleId :

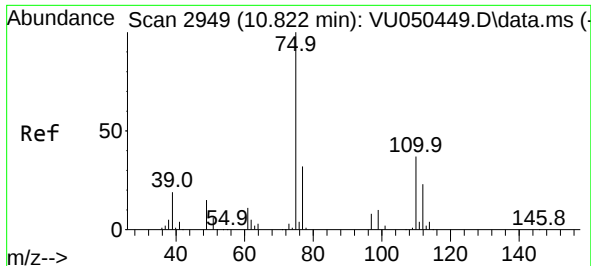
Tgt Ion: 83 Resp: 273389
Ion Ratio Lower Upper
83 100
85 64.3 45.4 84.2
131 9.0 7.2 10.8



#59
Bromoform
Concen: 52.374 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. -0.000 min
Lab File: VU050473.D
Acq: 29 Aug 2022 10:16

Tgt Ion:173 Resp: 113024
Ion Ratio Lower Upper
173 100
175 49.1 38.4 57.6
254 9.7 7.1 10.7

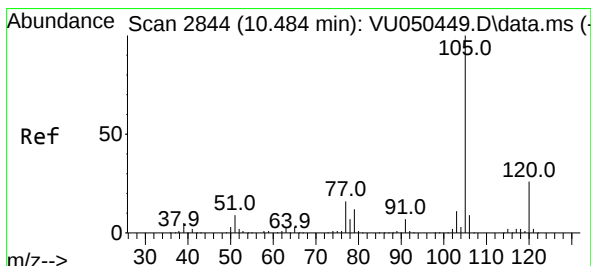
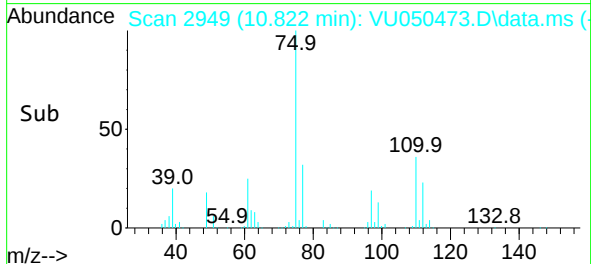
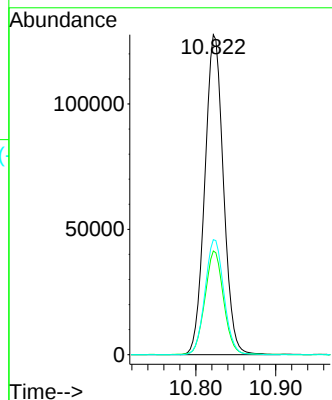
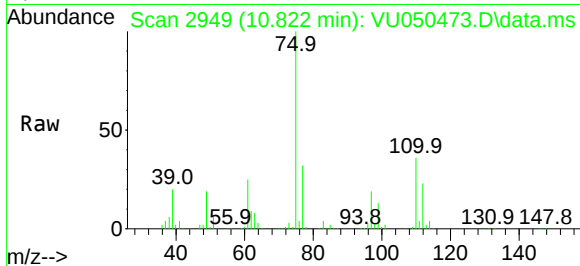




#60
1,2,3-Trichloropropane
Concen: 53.345 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU050473.D
Acq: 29 Aug 2022 10:16

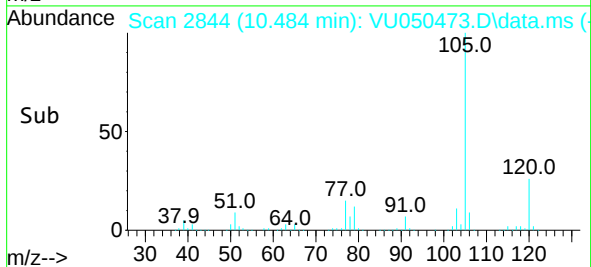
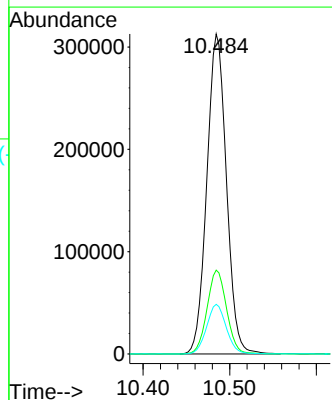
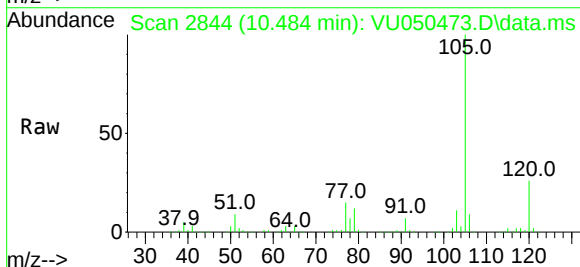
Instrument :
MSVOA_U
ClientSampleId :

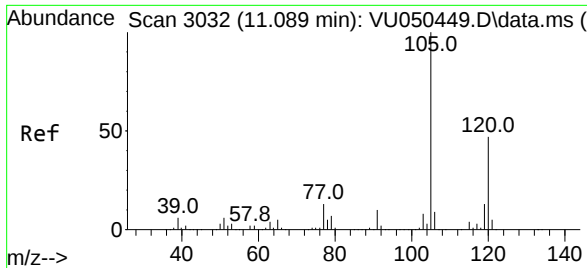
Tgt Ion: 75 Resp: 207160
Ion Ratio Lower Upper
75 100
77 32.7 25.7 38.5
110 36.4 29.0 43.4



#61
Isopropylbenzene
Concen: 52.716 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU050473.D
Acq: 29 Aug 2022 10:16

Tgt Ion: 105 Resp: 491376
Ion Ratio Lower Upper
105 100
120 26.1 20.7 31.1
77 15.6 12.5 18.7

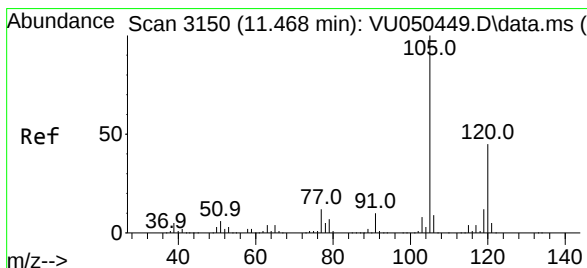
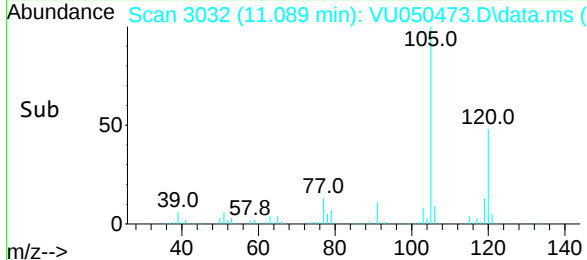
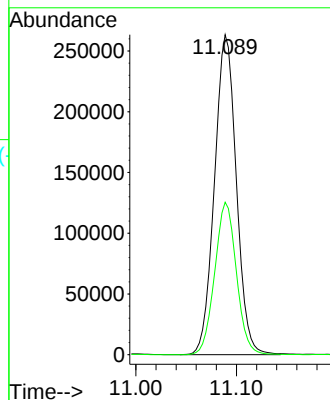
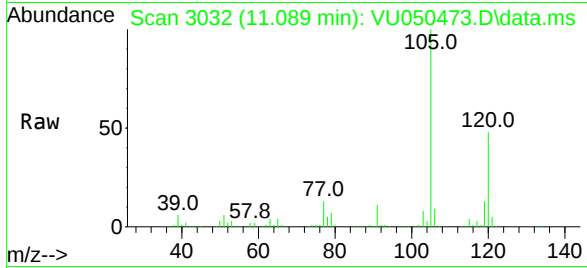




#62
 1,3,5-Trimethylbenzene
 Concen: 52.861 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. -0.000 min
 Lab File: VU050473.D
 Acq: 29 Aug 2022 10:16

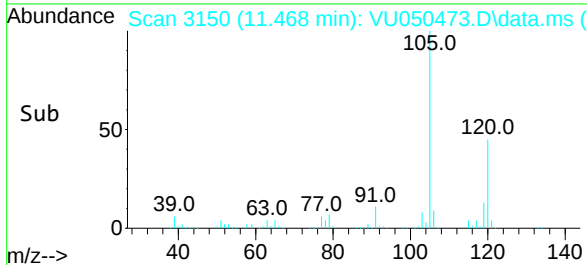
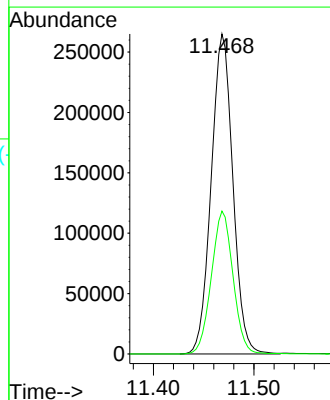
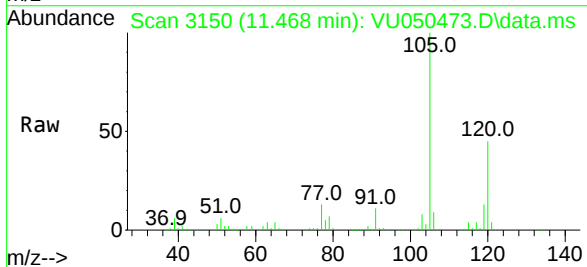
Instrument :
 MSVOA_U
 ClientSampleId :

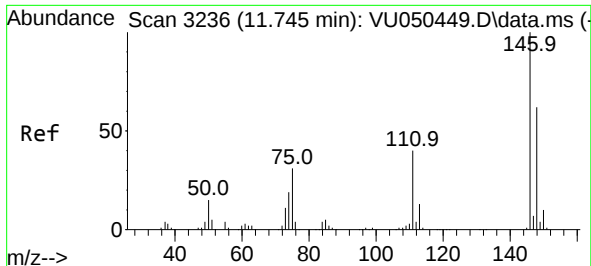
Tgt Ion:105 Resp: 397848
 Ion Ratio Lower Upper
 105 100
 120 47.3 38.1 57.1



#63
 1,2,4-Trimethylbenzene
 Concen: 54.044 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. -0.000 min
 Lab File: VU050473.D
 Acq: 29 Aug 2022 10:16

Tgt Ion:105 Resp: 396719
 Ion Ratio Lower Upper
 105 100
 120 44.5 35.3 52.9

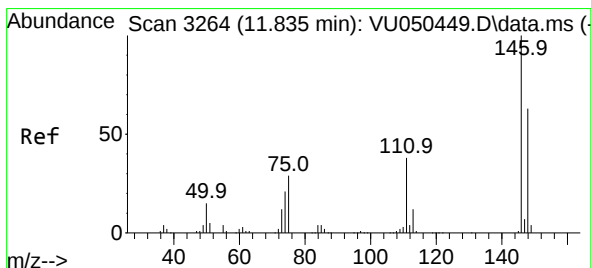
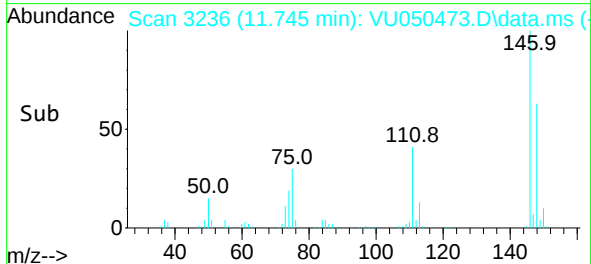
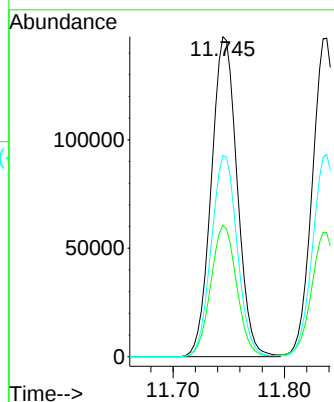
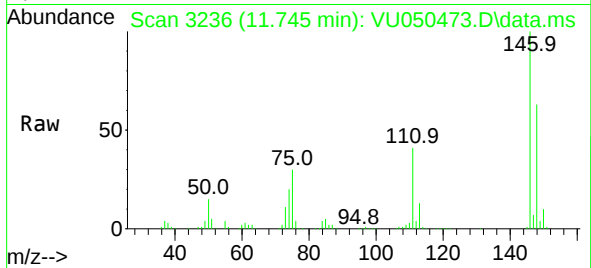




#64
1,3-Dichlorobenzene
Concen: 52.261 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU050473.D
Acq: 29 Aug 2022 10:16

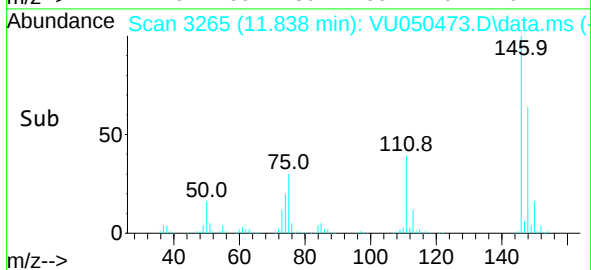
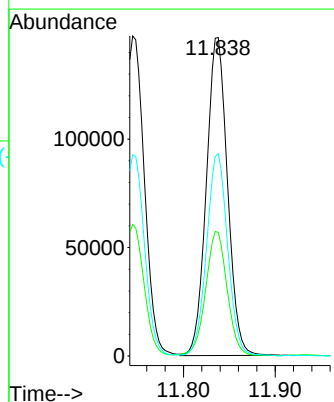
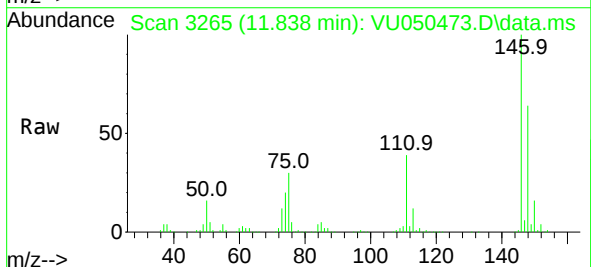
Instrument :
MSVOA_U
ClientSampleId :

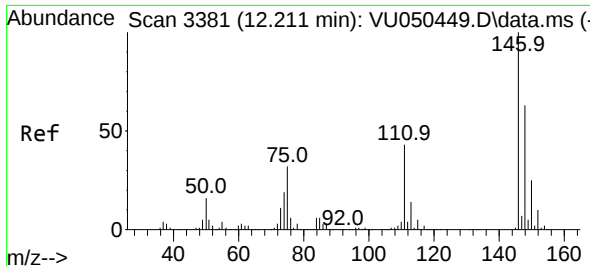
Tgt Ion:146 Resp: 238181
Ion Ratio Lower Upper
146 100
111 41.0 28.1 52.1
148 62.9 44.2 82.0



#65
1,4-Dichlorobenzene
Concen: 51.126 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU050473.D
Acq: 29 Aug 2022 10:16

Tgt Ion:146 Resp: 234662
Ion Ratio Lower Upper
146 100
111 38.8 27.6 51.2
148 63.5 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 53.329 ug/L

RT: 12.211 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU050473.D

Acq: 29 Aug 2022 10:16

Instrument :

MSVOA_U

ClientSampleId :

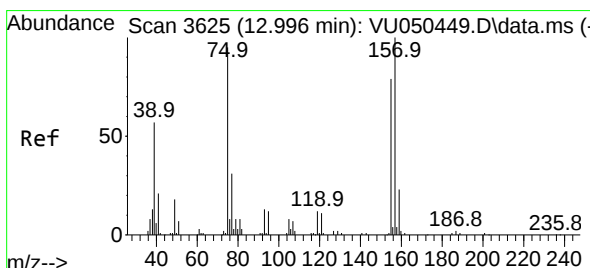
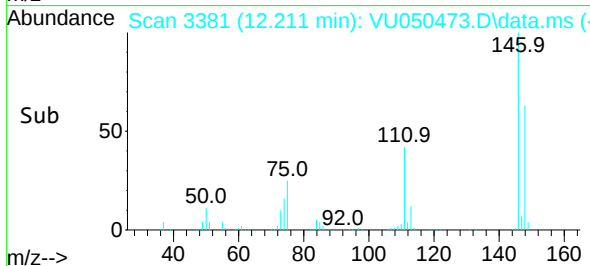
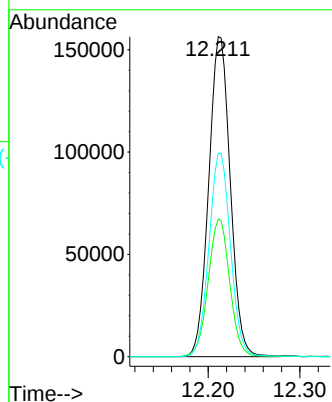
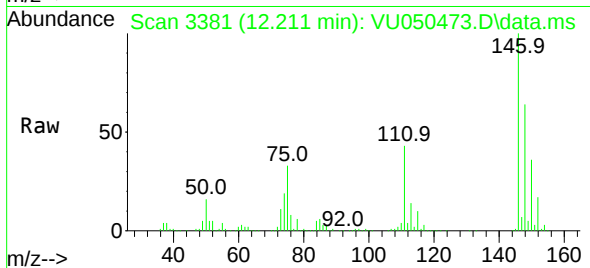
Tgt Ion:146 Resp: 255592

Ion Ratio Lower Upper

146 100

111 43.1 34.1 51.1

148 63.5 51.0 76.6



#68

1,2-Dibromo-3-chloropropane

Concen: 52.583 ug/L

RT: 12.995 min Scan# 3625

Delta R.T. -0.000 min

Lab File: VU050473.D

Acq: 29 Aug 2022 10:16

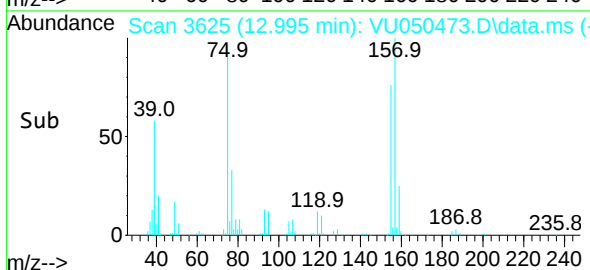
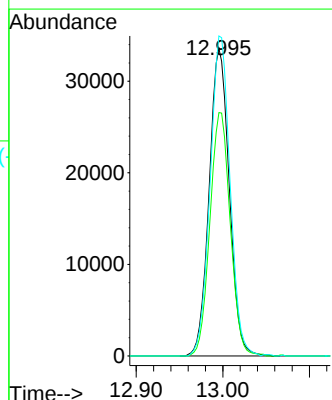
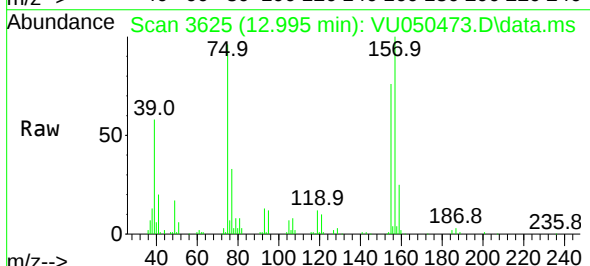
Tgt Ion: 75 Resp: 54270

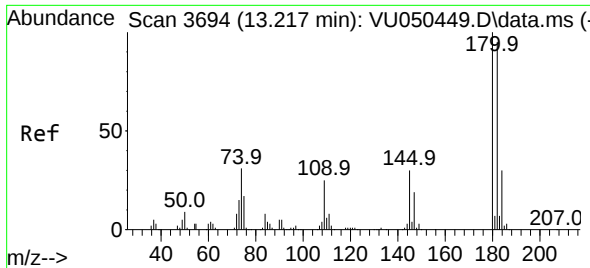
Ion Ratio Lower Upper

75 100

155 83.6 63.1 94.7

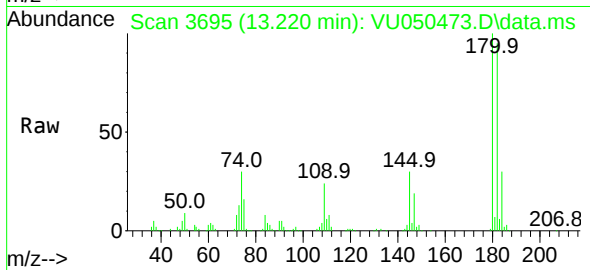
157 108.5 84.2 126.2



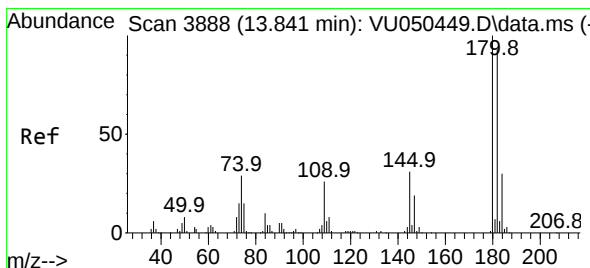
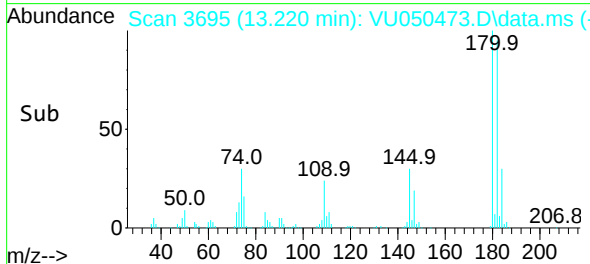
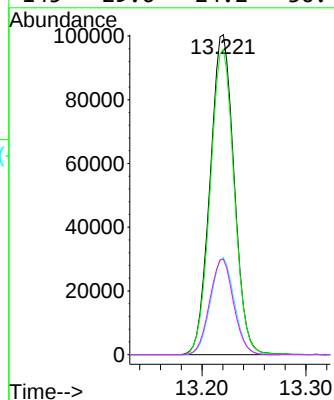


#69
 1,3,5-Trichlorobenzene
 Concen: 51.301 ug/L
 RT: 13.220 min Scan# 3695
 Delta R.T. 0.003 min
 Lab File: VU050473.D
 Acq: 29 Aug 2022 10:16

Instrument :
 MSVOA_U
 ClientSampleId :

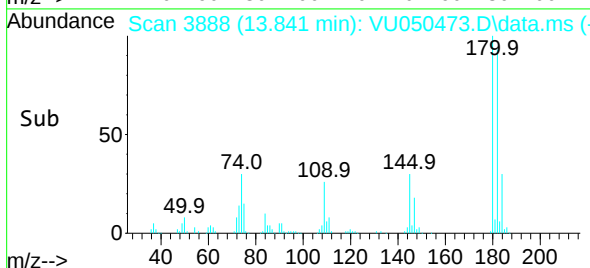
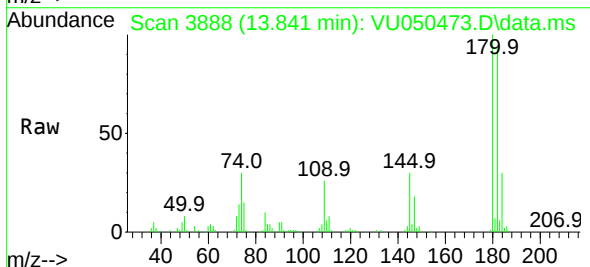
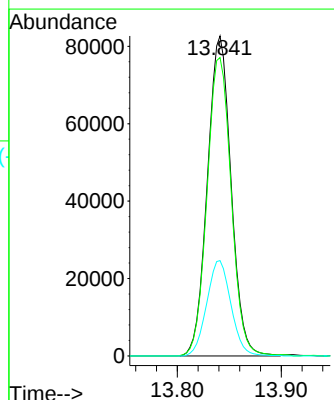


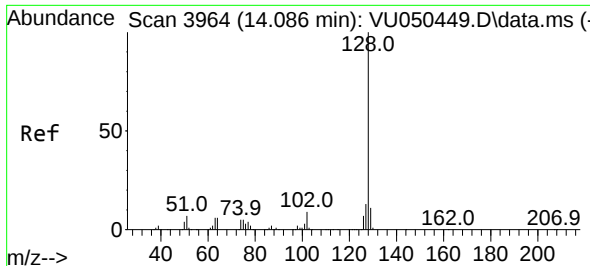
Tgt Ion:180 Resp: 161167
 Ion Ratio Lower Upper
 180 100
 182 95.1 77.0 115.6
 184 29.9 24.1 36.1
 145 29.6 24.2 36.4



#70
 1,2,4-trichlorobenzene
 Concen: 52.021 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU050473.D
 Acq: 29 Aug 2022 10:16

Tgt Ion:180 Resp: 130883
 Ion Ratio Lower Upper
 180 100
 182 95.0 75.4 113.2
 145 30.5 23.9 35.9

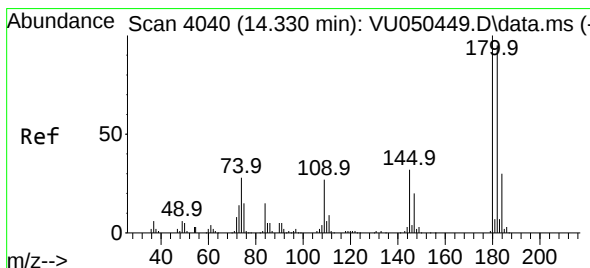
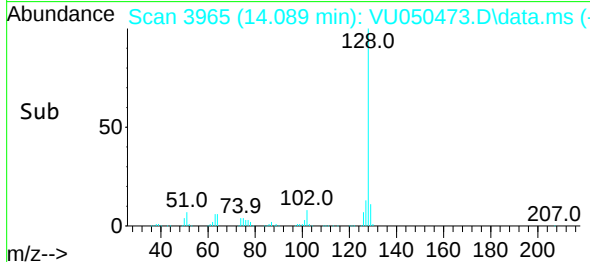
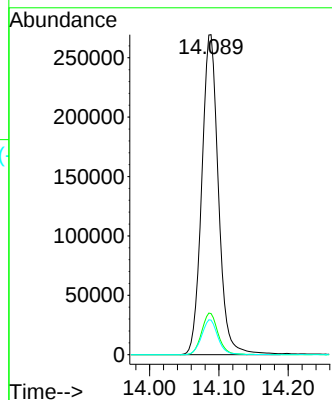
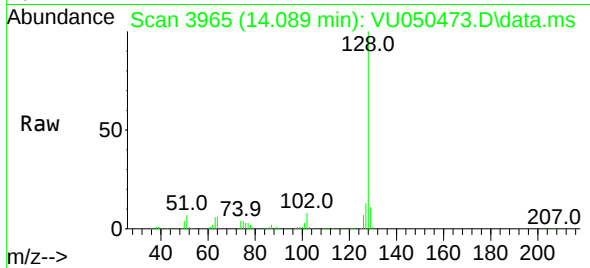




#71
Naphthalene
Concen: 54.576 ug/L
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU050473.D
Acq: 29 Aug 2022 10:16

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 450433
Ion Ratio Lower Upper
128 100
127 12.7 10.5 15.7
129 10.7 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 54.724 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU050473.D
Acq: 29 Aug 2022 10:16

Tgt Ion:180 Resp: 150480
Ion Ratio Lower Upper
180 100
182 97.2 76.8 115.2
145 32.9 26.5 39.7

