

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052322\
 Data File : VU048650.D
 Acq On : 23 May 2022 10:32
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050138

Quant Time: May 24 02:50:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 21 04:37:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	215535	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	210865	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	131063	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	45286	34.304	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.600%
7) Chloroethane-d5	1.913	69	39338	39.774	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.540%
11) 1,1-Dichloroethene-d2	2.572	63	130534	43.722	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.440%
21) 2-Butanone-d5	4.623	46	127501	101.491	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.490%
24) Chloroform-d	5.067	84	171876	51.522	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.040%
26) 1,2-Dichloroethane-d4	5.703	65	120060	51.014	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.020%
32) Benzene-d6	5.729	84	273946	46.681	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.360%
36) 1,2-Dichloropropane-d6	6.694	67	81636	47.385	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.760%
41) Toluene-d8	7.899	98	264860	47.982	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.960%
43) trans-1,3-Dichloroprop...	8.182	79	53008	48.116	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.240%
47) 2-Hexanone-d5	8.636	63	96392	102.022	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.020%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	141480	49.628	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.260%
66) 1,2-Dichlorobenzene-d4	12.195	152	127345	47.529	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.060%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	115333	49.793	ug/L	97
3) Chloromethane	1.523	50	59634	41.727	ug/L	99
5) Vinyl chloride	1.604	62	69500	45.715	ug/L	98
6) Bromomethane	1.855	94	54644	49.788	ug/L	99
8) Chloroethane	1.932	64	42135	47.087	ug/L	99
9) Trichlorofluoromethane	2.141	101	154780	52.151	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	82240	54.341	ug/L	96
12) 1,1-Dichloroethene	2.581	96	72018	51.356	ug/L	97
13) Acetone	2.630	43	84487	82.779	ug/L	99
14) Carbon disulfide	2.797	76	191420	47.037	ug/L	99
15) Methyl Acetate	2.951	43	78521	45.077	ug/L	98
16) Methylene chloride	3.048	84	79614	48.766	ug/L	98
17) trans-1,2-Dichloroethene	3.356	96	78026	51.588	ug/L	98
18) Methyl tert-butyl Ether	3.366	73	270067	51.465	ug/L	99
19) 1,1-Dichloroethane	3.874	63	142146	51.334	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	87860	51.510	ug/L	97
22) 2-Butanone	4.703	43	116103	89.591	ug/L	99
23) Bromochloromethane	4.977	128	49091	51.866	ug/L	93
25) Chloroform	5.092	83	170448	52.735	ug/L	98

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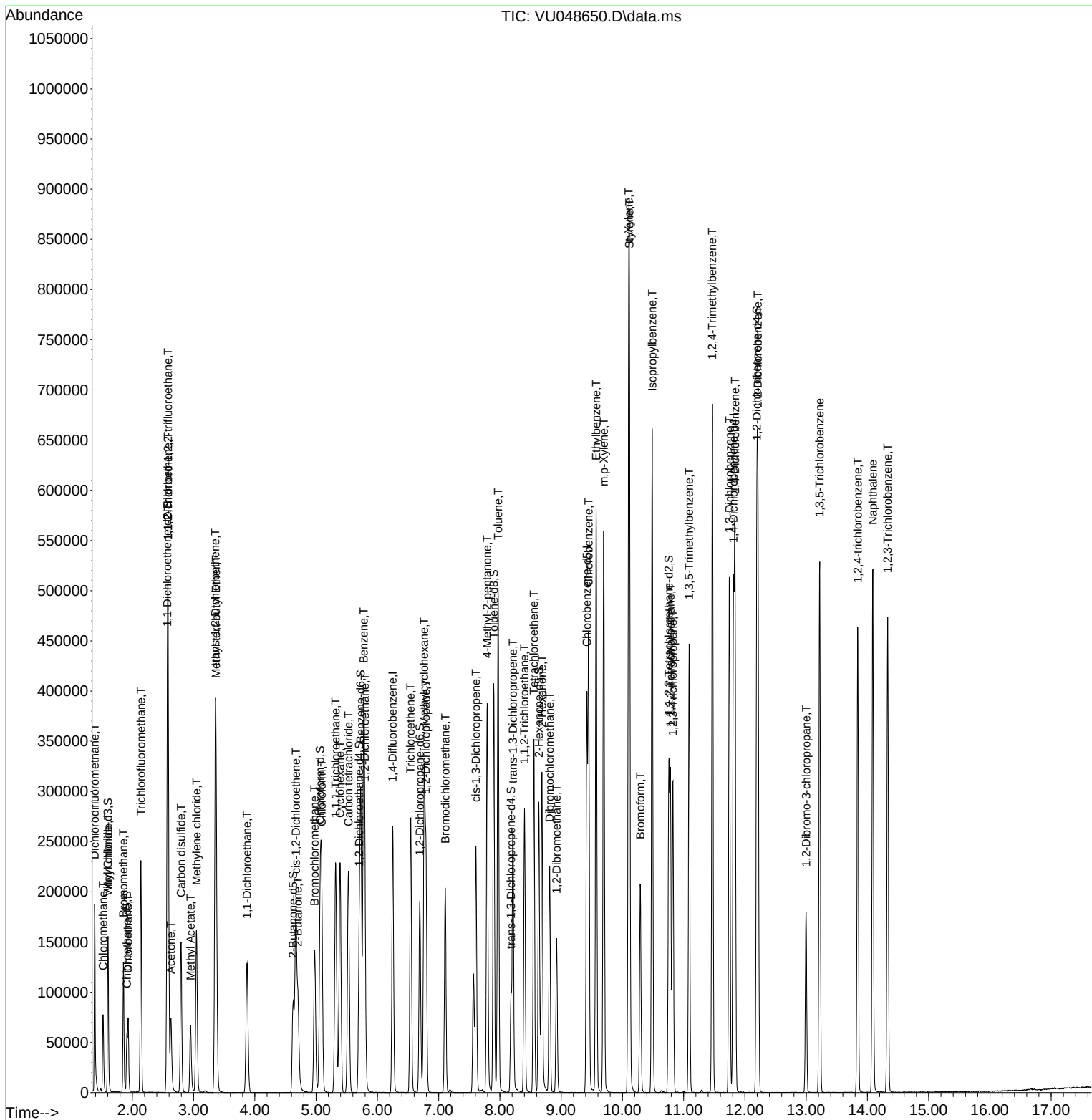
Instrument :
 MSVOA_U
 ClientSampleId :
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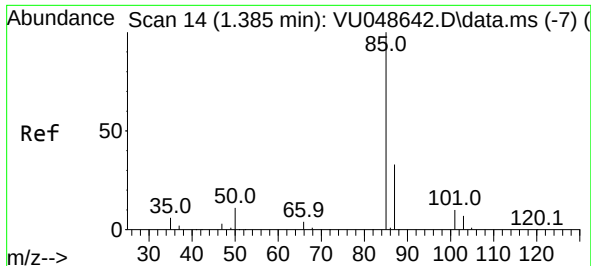
Quant Time: May 24 02:50:56 2022
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 Quant Title : VOC Analysis
 QLast Update : Sat May 21 04:37:22 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	147362	53.148	ug/L	100
29) Cyclohexane	5.391	56	106945	49.378	ug/L	97
30) 1,1,1-Trichloroethane	5.318	97	172999	54.184	ug/L	98
31) Carbon tetrachloride	5.527	117	157771	54.221	ug/L	99
33) Benzene	5.777	78	313551	50.897	ug/L	100
34) Trichloroethene	6.543	95	92972	53.341	ug/L	99
35) Methylcyclohexane	6.764	83	127548	50.996	ug/L	99
37) 1,2-Dichloropropane	6.793	63	77115	50.061	ug/L	99
38) Bromodichloromethane	7.108	83	132588	53.199	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	136960	52.076	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	221914	94.402	ug/L	98
42) Toluene	7.970	91	357151	53.189	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	146870	52.953	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	85721	51.964	ug/L	97
46) Tetrachloroethene	8.555	164	79623	55.983	ug/L	97
48) 2-Hexanone	8.687	43	181455	90.091	ug/L	99
49) Dibromochloromethane	8.813	129	116268	54.822	ug/L	98
50) 1,2-Dibromoethane	8.925	107	97548	51.239	ug/L	97
51) Chlorobenzene	9.449	112	242954	51.878	ug/L	99
52) Ethylbenzene	9.571	91	396036	51.611	ug/L	100
53) m,p-Xylene	9.697	106	160333	51.993	ug/L	99
54) o-Xylene	10.102	106	155392	52.599	ug/L	99
55) Styrene	10.115	104	273613	53.268	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.784	83	137361	48.180	ug/L	96
59) Bromoform	10.292	173	95585	53.056	ug/L	98
60) 1,2,3-Trichloropropane	10.825	75	123777	47.619	ug/L	96
61) Isopropylbenzene	10.488	105	421298	52.195	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	243138	52.985	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	377869	52.955	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	212387	51.024	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	216537	50.131	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	211787	50.023	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	46905	46.672	ug/L	99
69) 1,3,5-Trichlorobenzene	13.221	180	167677	50.540	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	144443	48.137	ug/L	100
71) Naphthalene	14.089	128	421041	42.554	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	147463	48.947	ug/L	100

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

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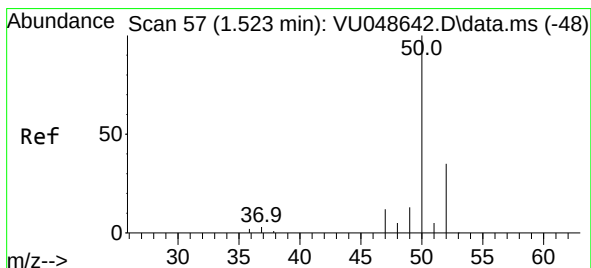
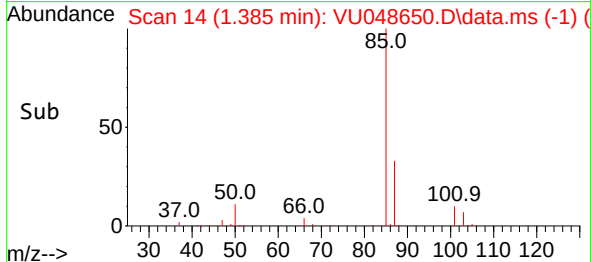
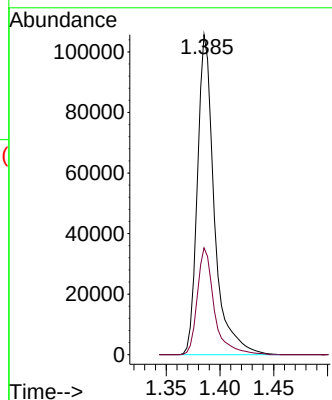
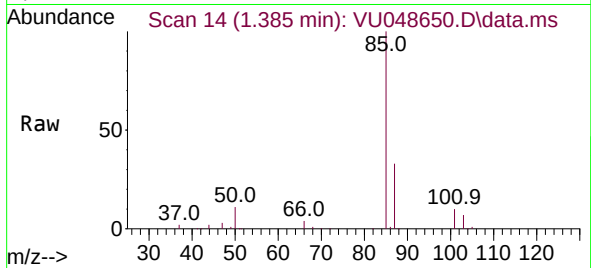




#2
Dichlorodifluoromethane
Concen: 49.793 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU048650.D
Acq: 23 May 2022 10:32

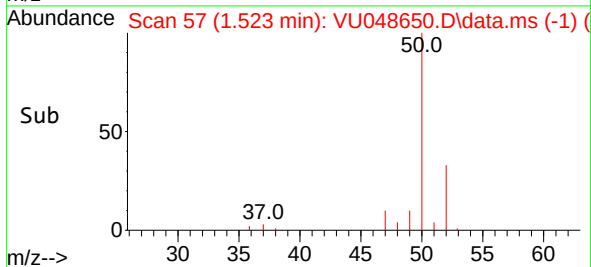
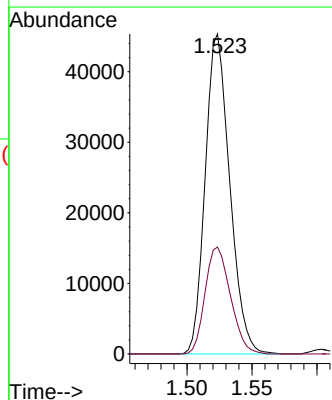
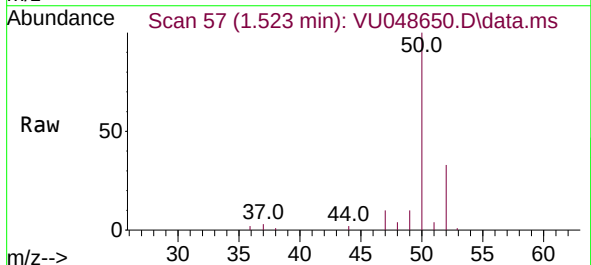
Instrument :
MSVOA_U
ClientSampleId :
VSTD050138

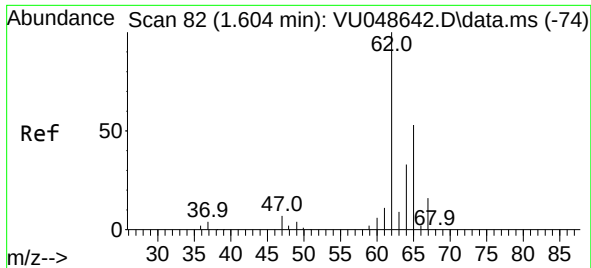
Tgt Ion: 85 Resp: 115333
Ion Ratio Lower Upper
85 100
87 33.6 25.4 38.2



#3
Chloromethane
Concen: 41.727 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU048650.D
Acq: 23 May 2022 10:32

Tgt Ion: 50 Resp: 59634
Ion Ratio Lower Upper
50 100
52 33.4 23.8 44.2

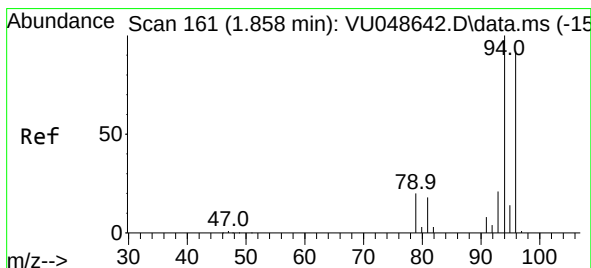
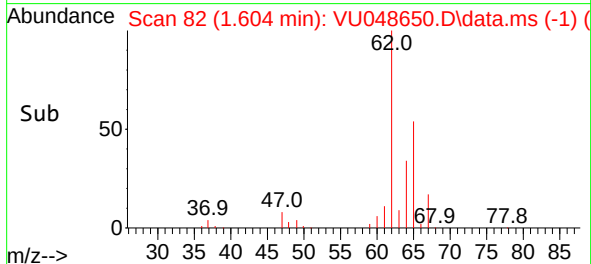
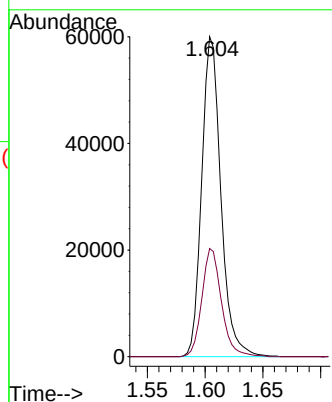
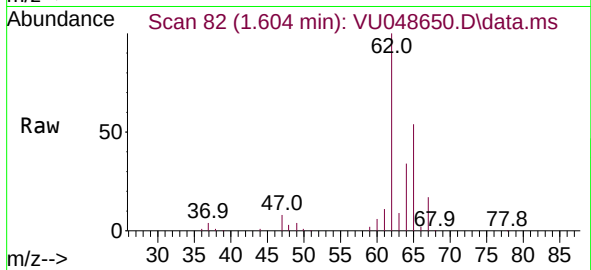




#5
 Vinyl chloride
 Concen: 45.715 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU048650.D
 Acq: 23 May 2022 10:32

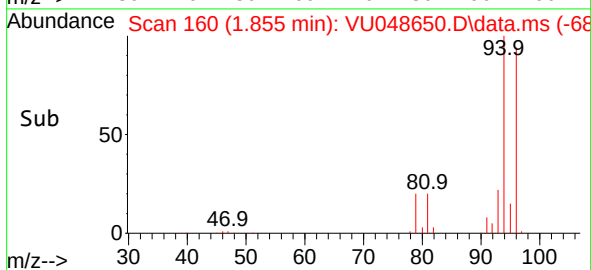
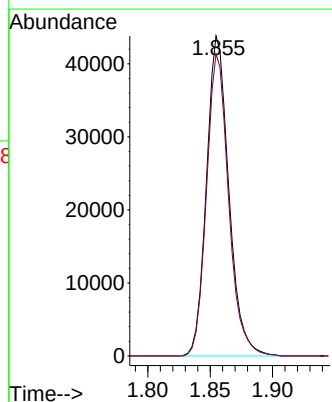
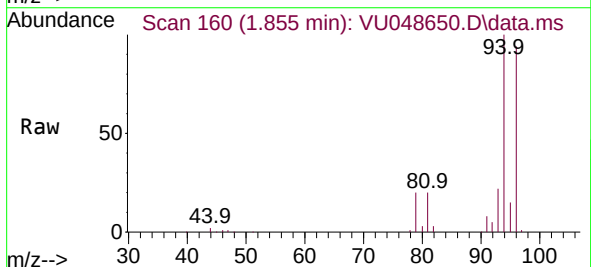
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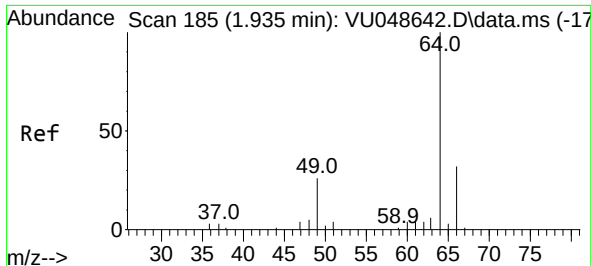
Tgt Ion: 62 Resp: 69500
 Ion Ratio Lower Upper
 62 100
 64 33.8 22.9 42.5



#6
 Bromomethane
 Concen: 49.788 ug/L
 RT: 1.855 min Scan# 160
 Delta R.T. -0.003 min
 Lab File: VU048650.D
 Acq: 23 May 2022 10:32

Tgt Ion: 94 Resp: 54644
 Ion Ratio Lower Upper
 94 100
 96 94.4 65.7 121.9

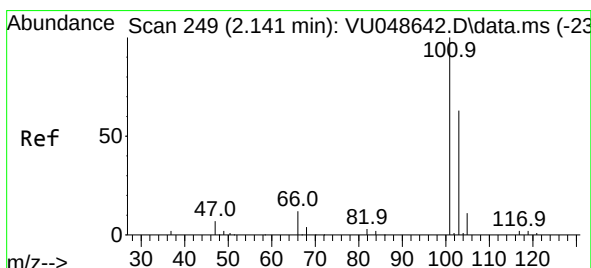
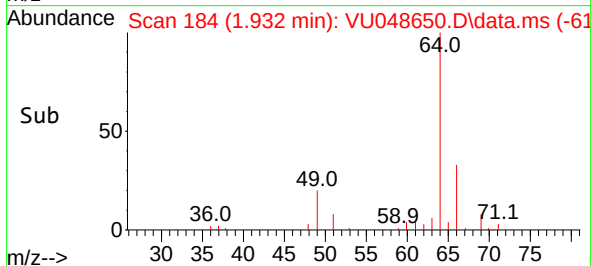
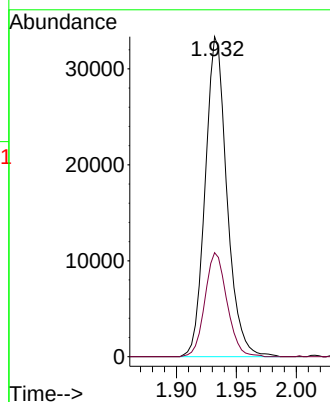
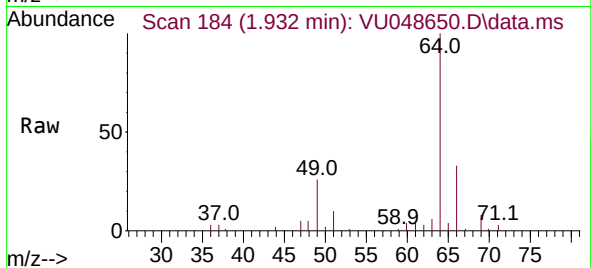




#8
Chloroethane
Concen: 47.087 ug/L
RT: 1.932 min Scan# 184
Delta R.T. -0.003 min
Lab File: VU048650.D
Acq: 23 May 2022 10:32

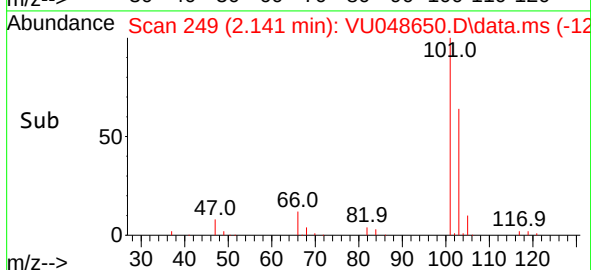
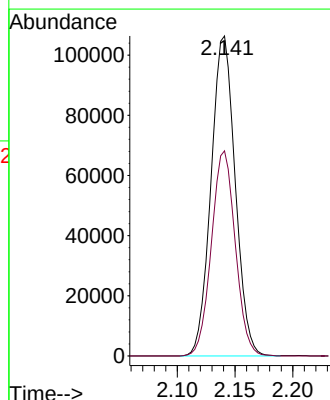
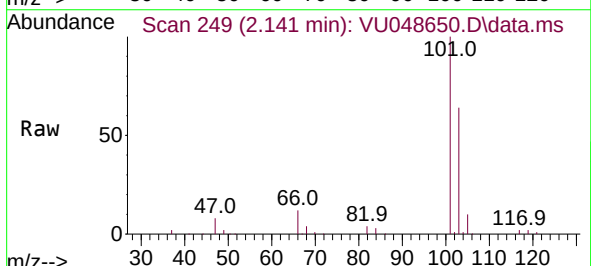
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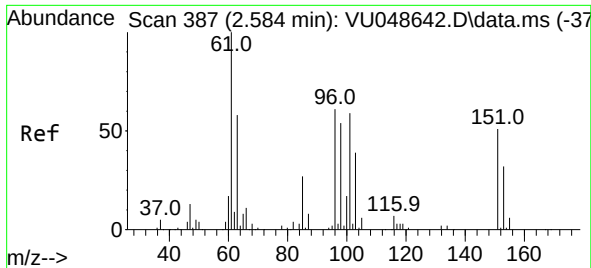
Tgt Ion: 64 Resp: 42135
Ion Ratio Lower Upper
64 100
66 32.5 23.1 42.9



#9
Trichlorofluoromethane
Concen: 52.151 ug/L
RT: 2.141 min Scan# 249
Delta R.T. 0.000 min
Lab File: VU048650.D
Acq: 23 May 2022 10:32

Tgt Ion:101 Resp: 154780
Ion Ratio Lower Upper
101 100
103 63.3 51.6 77.4

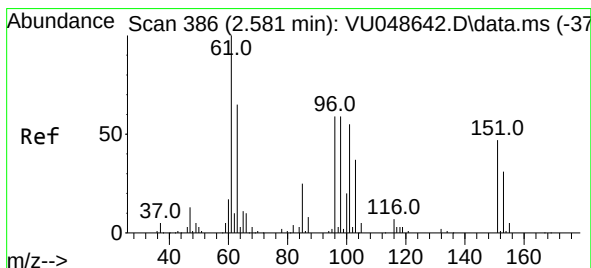
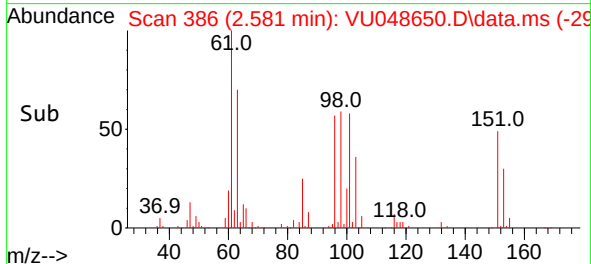
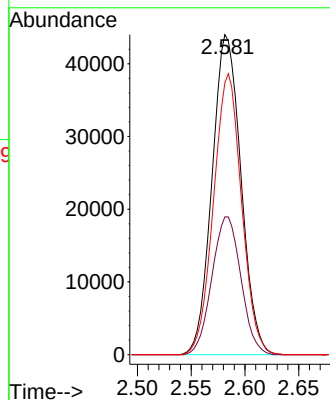
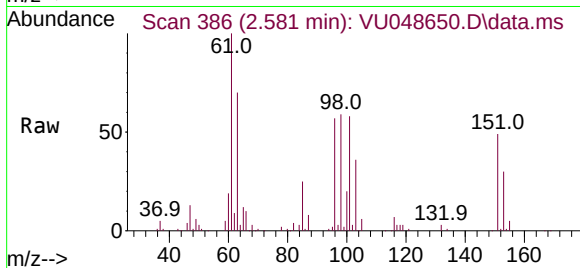




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 54.341 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.003 min
Lab File: VU048650.D
Acq: 23 May 2022 10:32

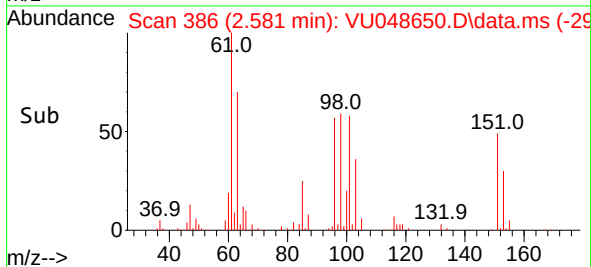
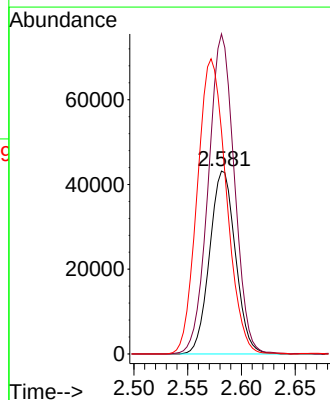
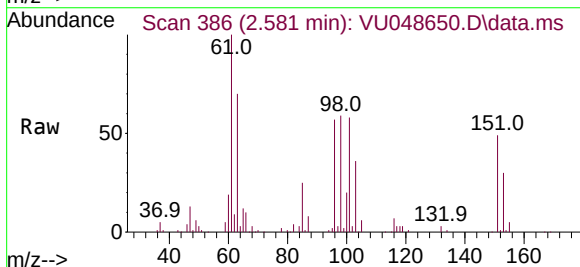
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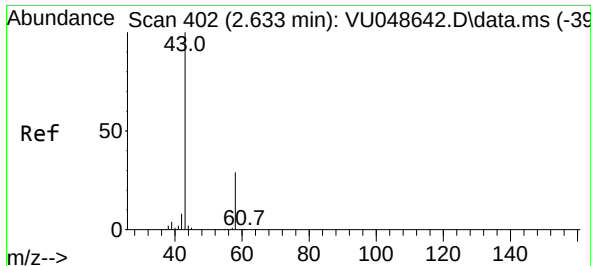
Tgt Ion:101 Resp: 82240
Ion Ratio Lower Upper
101 100
85 43.2 35.7 53.5
151 85.2 64.4 96.6



#12
1,1-Dichloroethene
Concen: 51.356 ug/L
RT: 2.581 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU048650.D
Acq: 23 May 2022 10:32

Tgt Ion: 96 Resp: 72018
Ion Ratio Lower Upper
96 100
61 174.9 120.6 224.0
63 121.8 82.3 152.9





#13

Acetone

Concen: 82.779 ug/L

RT: 2.630 min Scan# 402

Delta R.T. -0.003 min

Lab File: VU048650.D

Acq: 23 May 2022 10:32

Instrument :

MSVOA_U

ClientSampleId :

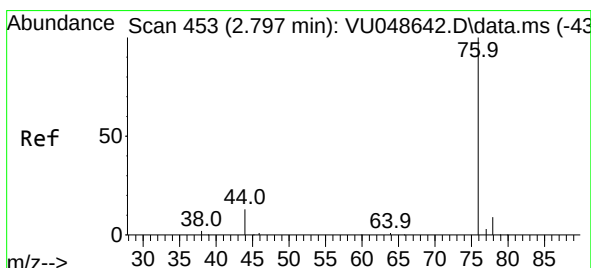
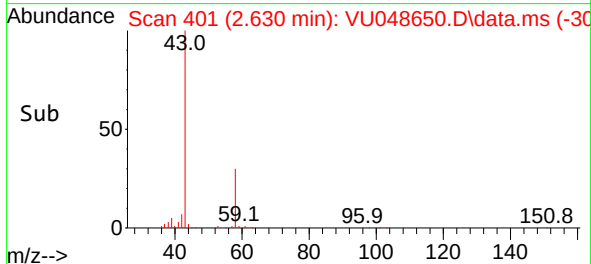
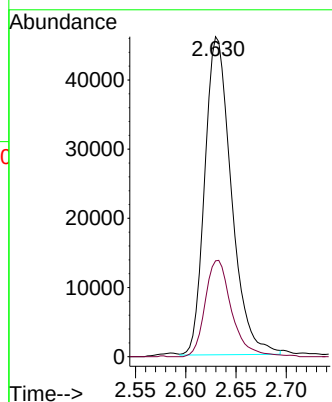
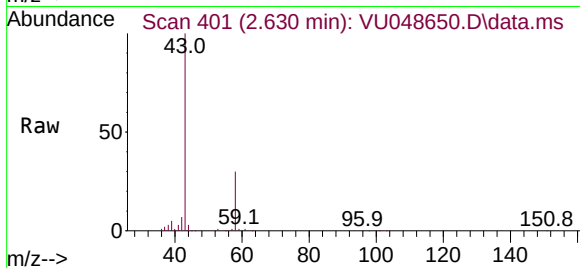
VSTD050138

Tgt Ion: 43 Resp: 84487

Ion Ratio Lower Upper

43 100

58 30.3 0.0 59.8



#14

Carbon disulfide

Concen: 47.037 ug/L

RT: 2.797 min Scan# 453

Delta R.T. 0.000 min

Lab File: VU048650.D

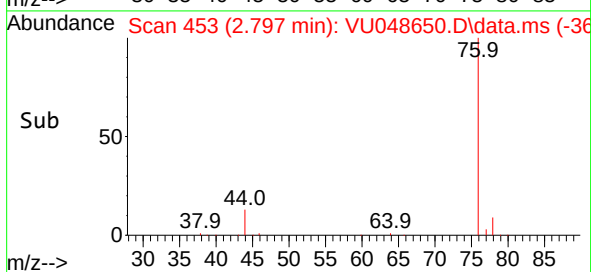
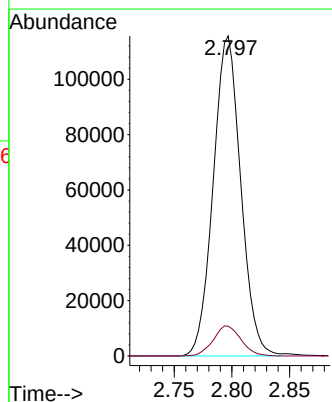
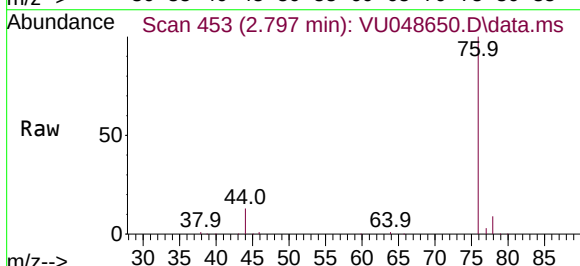
Acq: 23 May 2022 10:32

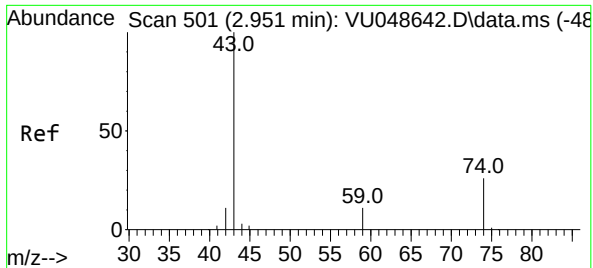
Tgt Ion: 76 Resp: 191420

Ion Ratio Lower Upper

76 100

78 9.3 7.2 10.8

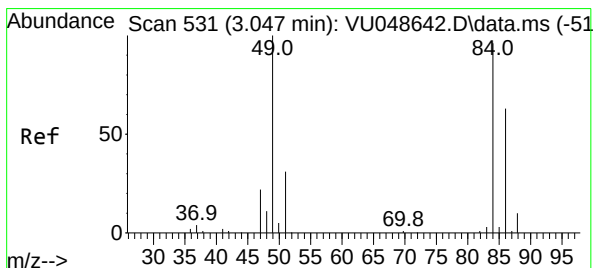
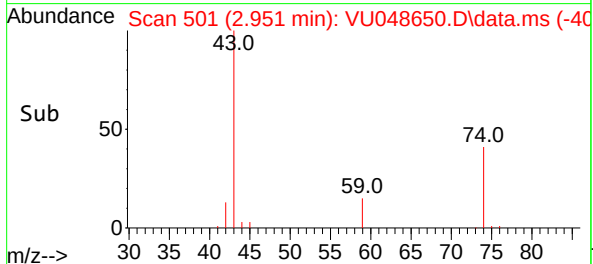
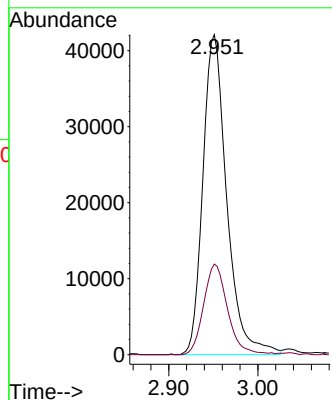
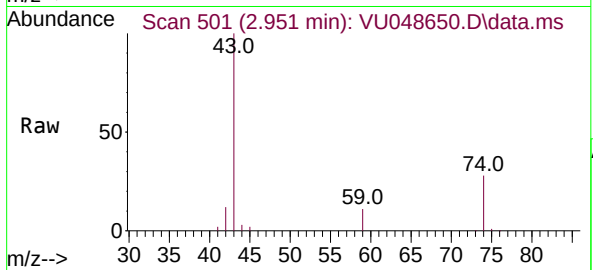




#15
Methyl Acetate
Concen: 45.077 ug/L
RT: 2.951 min Scan# 501
Delta R.T. 0.000 min
Lab File: VU048650.D
Acq: 23 May 2022 10:32

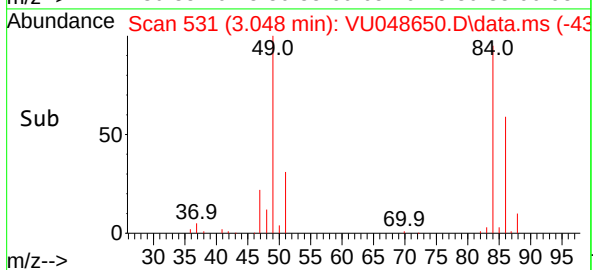
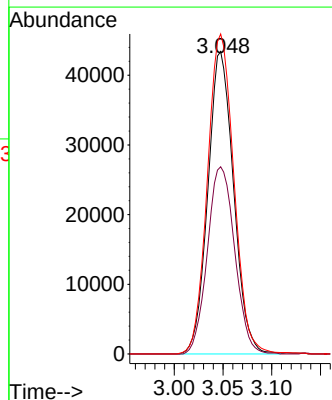
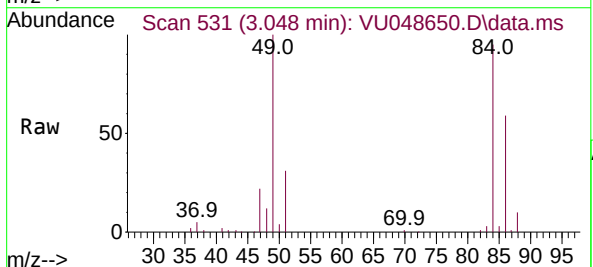
Instrument :
MSVOA_U
ClientSampleId :
VSTD050138

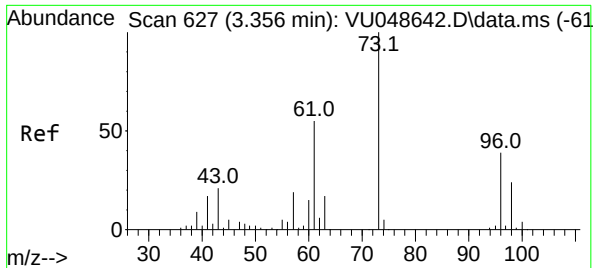
Tgt Ion: 43 Resp: 78521
Ion Ratio Lower Upper
43 100
74 28.2 21.7 32.5



#16
Methylene chloride
Concen: 48.766 ug/L
RT: 3.048 min Scan# 531
Delta R.T. 0.000 min
Lab File: VU048650.D
Acq: 23 May 2022 10:32

Tgt Ion: 84 Resp: 79614
Ion Ratio Lower Upper
84 100
86 61.9 43.5 80.9
49 105.8 76.4 141.8

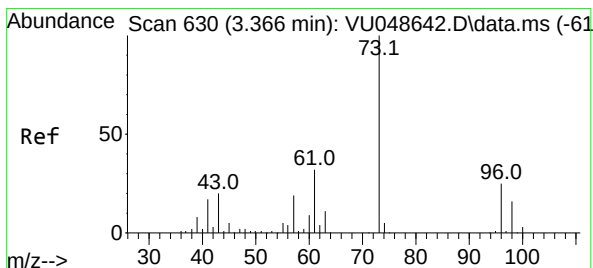
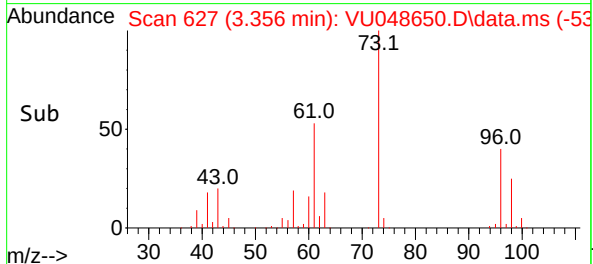
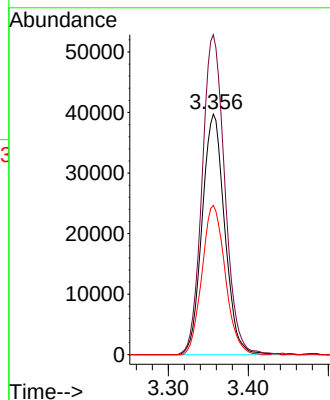
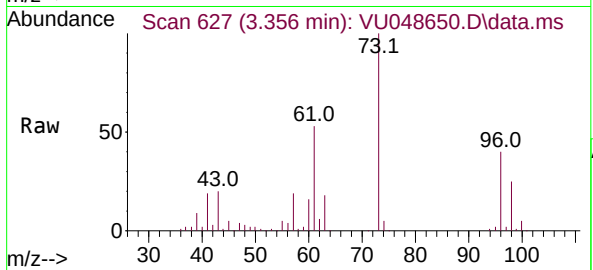




#17
trans-1,2-Dichloroethene
Concen: 51.588 ug/L
RT: 3.356 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU048650.D
Acq: 23 May 2022 10:32

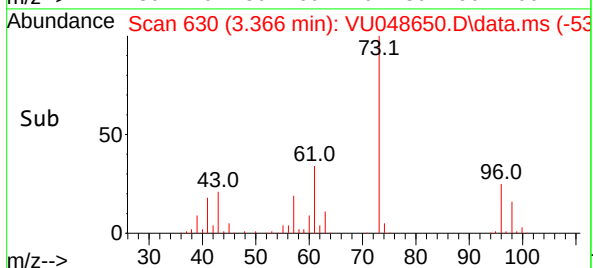
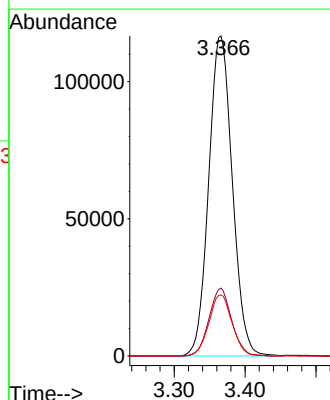
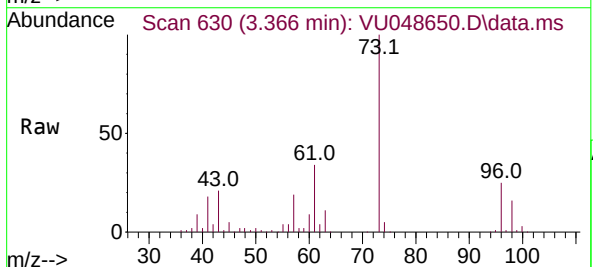
Instrument :
MSVOA_U
ClientSampleId :
VSTD050138

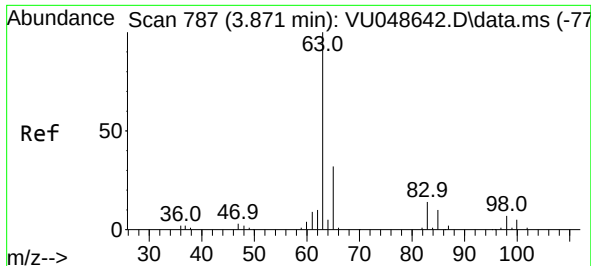
Tgt Ion: 96 Resp: 78026
Ion Ratio Lower Upper
96 100
61 133.0 94.2 175.0
98 62.0 45.1 83.7



#18
Methyl tert-butyl Ether
Concen: 51.465 ug/L
RT: 3.366 min Scan# 630
Delta R.T. 0.000 min
Lab File: VU048650.D
Acq: 23 May 2022 10:32

Tgt Ion: 73 Resp: 270067
Ion Ratio Lower Upper
73 100
43 20.2 16.2 24.4
57 18.8 15.7 23.5





#19

1,1-Dichloroethane

Concen: 51.334 ug/L

RT: 3.874 min Scan# 7

Delta R.T. 0.003 min

Lab File: VU048650.D

Acq: 23 May 2022 10:32

Instrument :

MSVOA_U

ClientSampleId :

VSTD050138

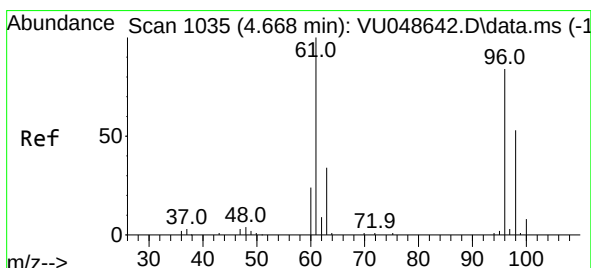
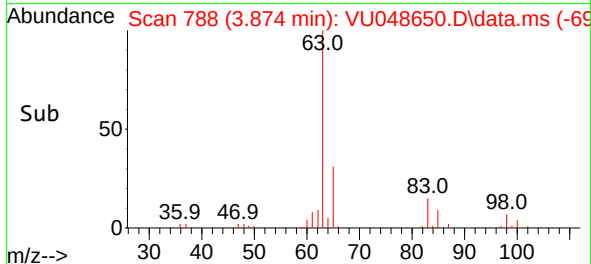
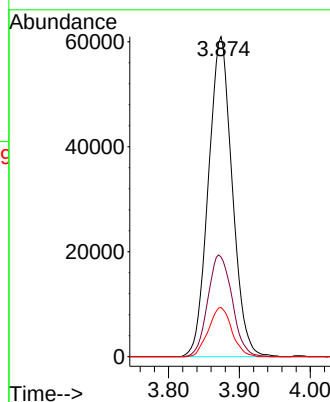
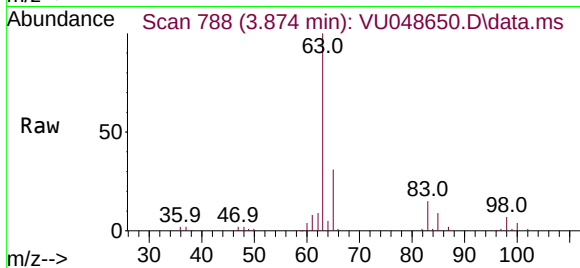
Tgt Ion: 63 Resp: 142146

Ion Ratio Lower Upper

63 100

65 31.2 21.8 40.6

83 15.4 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 51.510 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VU048650.D

Acq: 23 May 2022 10:32

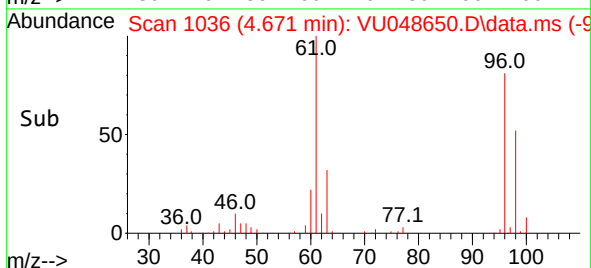
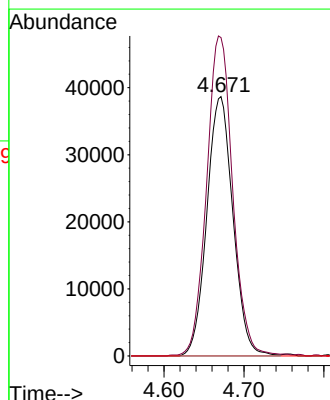
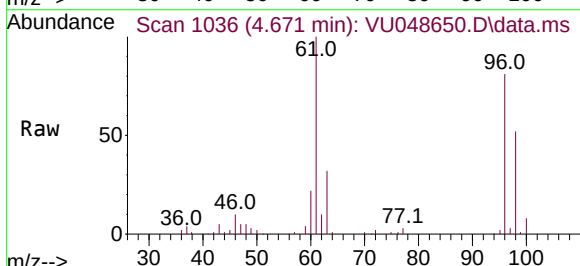
Tgt Ion: 96 Resp: 87860

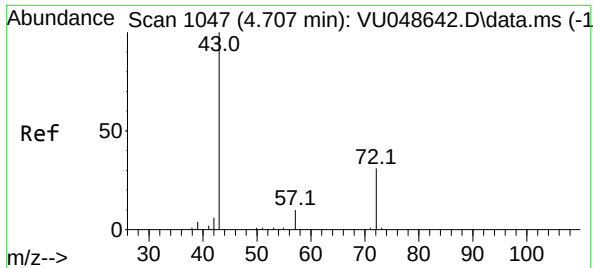
Ion Ratio Lower Upper

96 100

61 122.8 88.3 164.1

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 89.591 ug/L

RT: 4.703 min Scan# 1104

Delta R.T. -0.003 min

Lab File: VU048650.D

Acq: 23 May 2022 10:32

Instrument :

MSVOA_U

ClientSampleId :

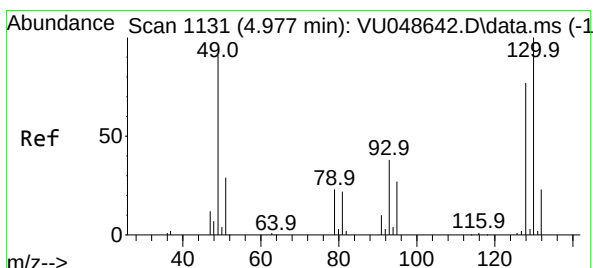
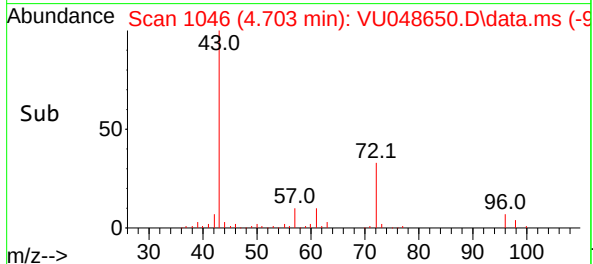
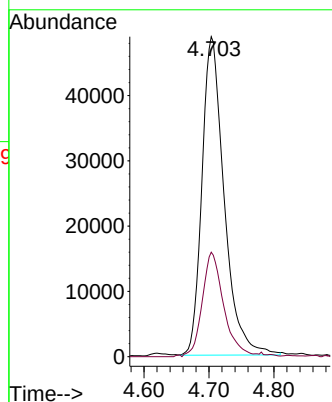
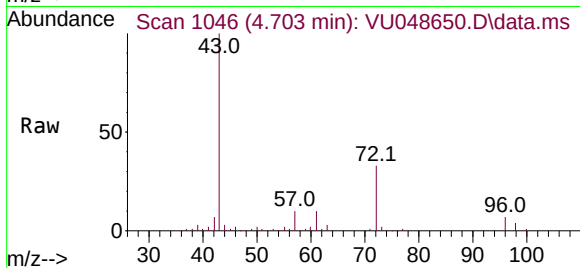
VSTD050138

Tgt Ion: 43 Resp: 116103

Ion Ratio Lower Upper

43 100

72 31.5 15.4 46.2



#23

Bromochloromethane

Concen: 51.866 ug/L

RT: 4.977 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VU048650.D

Acq: 23 May 2022 10:32

Tgt Ion:128 Resp: 49091

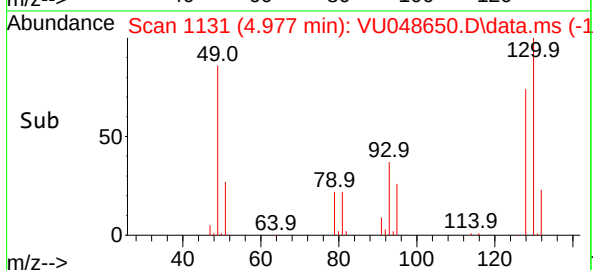
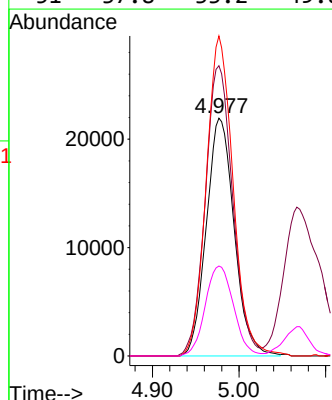
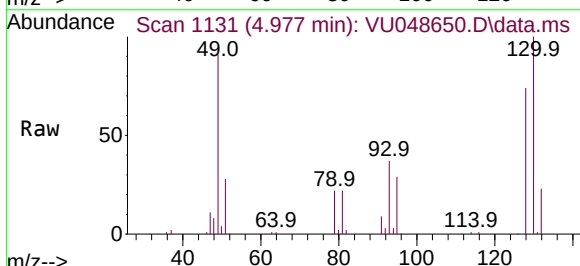
Ion Ratio Lower Upper

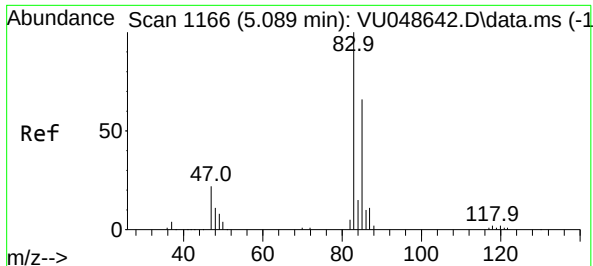
128 100

49 122.1 91.9 170.7

130 134.6 88.4 164.2

51 37.8 33.2 49.8





#25

Chloroform

Concen: 52.735 ug/L

RT: 5.092 min Scan# 1166

Delta R.T. 0.003 min

Lab File: VU048650.D

Acq: 23 May 2022 10:32

Instrument :

MSVOA_U

ClientSampleId :

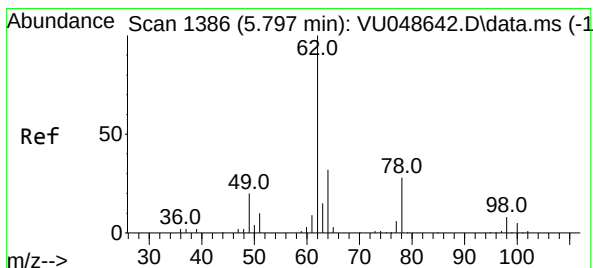
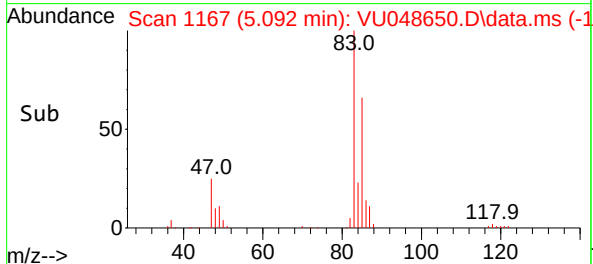
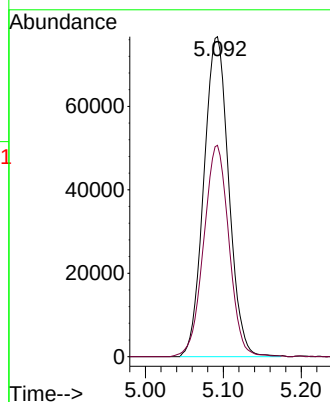
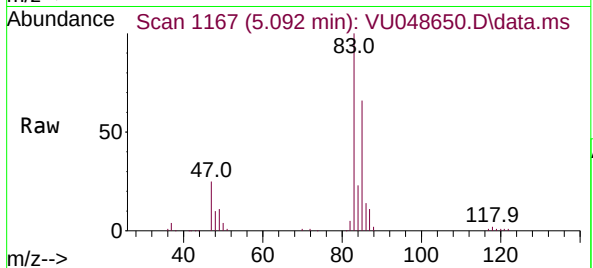
VSTD050138

Tgt Ion: 83 Resp: 170448

Ion Ratio Lower Upper

83 100

85 66.1 45.1 83.7



#27

1,2-Dichloroethane

Concen: 53.148 ug/L

RT: 5.797 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VU048650.D

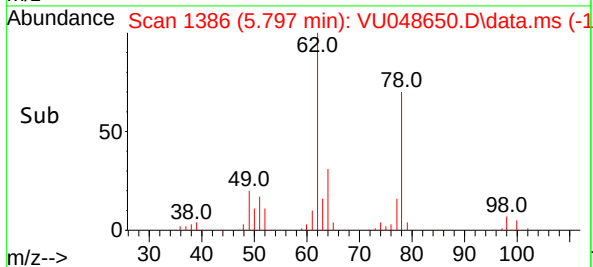
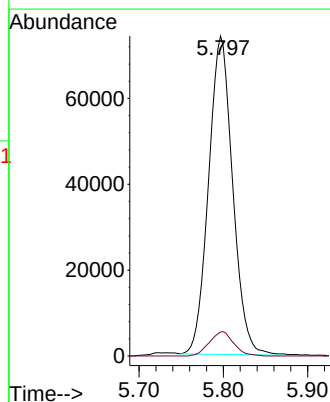
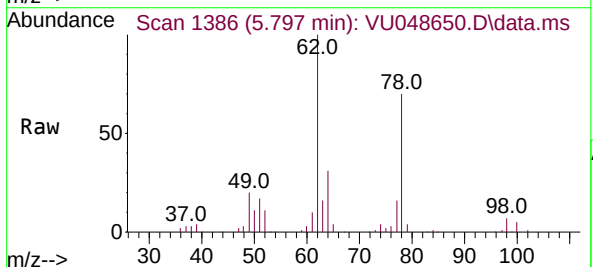
Acq: 23 May 2022 10:32

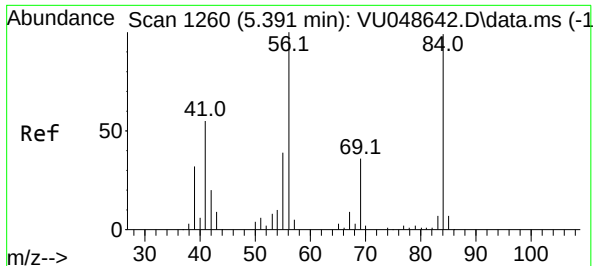
Tgt Ion: 62 Resp: 147362

Ion Ratio Lower Upper

62 100

98 7.4 6.0 9.0





#29

Cyclohexane

Concen: 49.378 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. 0.000 min

Lab File: VU048650.D

Acq: 23 May 2022 10:32

Instrument :

MSVOA_U

ClientSampleId :

VSTD050138

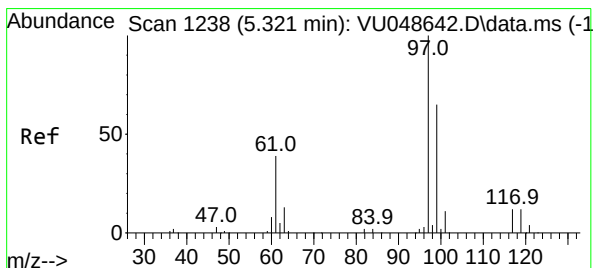
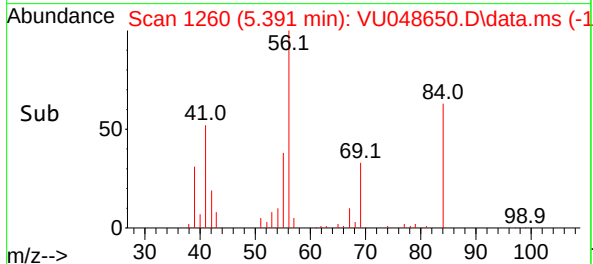
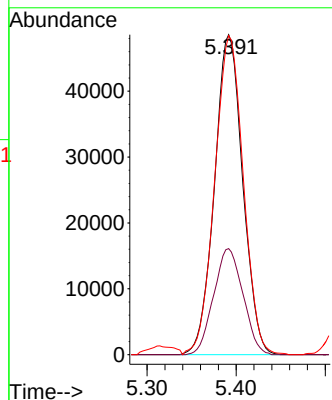
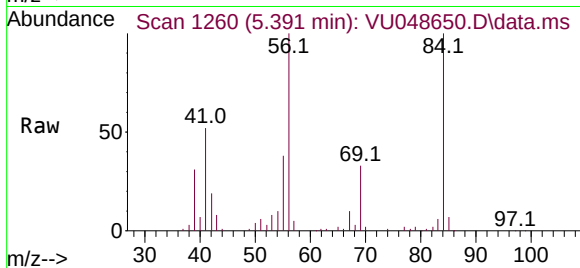
Tgt Ion: 56 Resp: 106945

Ion Ratio Lower Upper

56 100

69 34.4 26.5 39.7

84 101.1 78.0 117.0



#30

1,1,1-Trichloroethane

Concen: 54.184 ug/L

RT: 5.318 min Scan# 1237

Delta R.T. -0.003 min

Lab File: VU048650.D

Acq: 23 May 2022 10:32

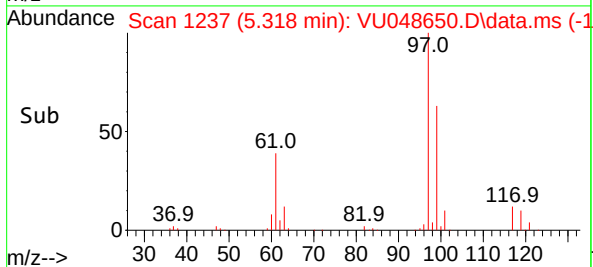
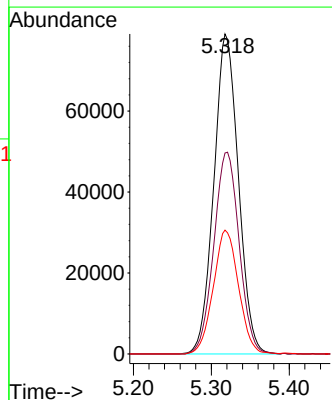
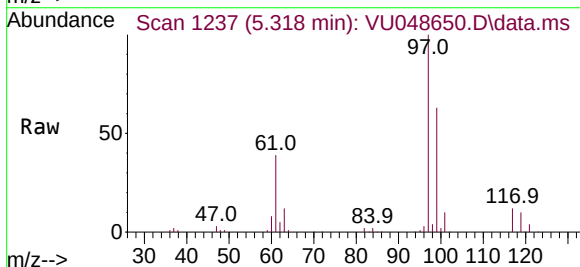
Tgt Ion: 97 Resp: 172999

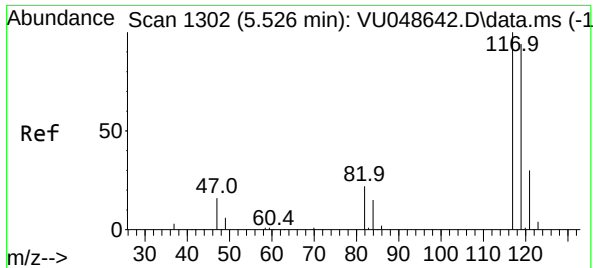
Ion Ratio Lower Upper

97 100

99 65.1 50.3 75.5

61 39.8 32.6 48.8

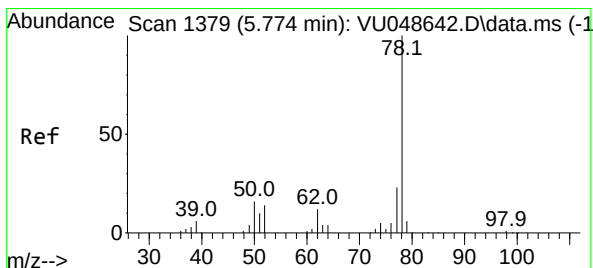
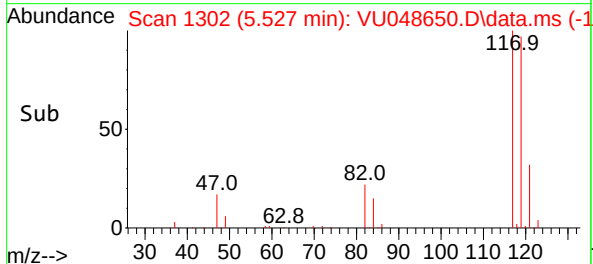
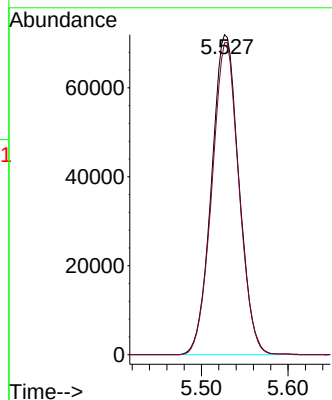
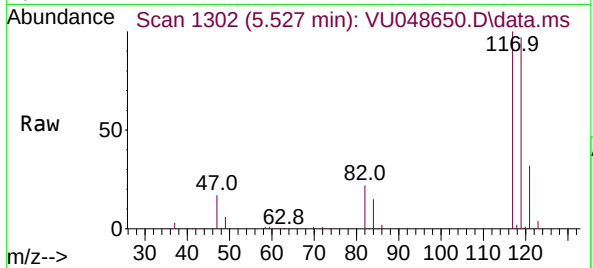




#31
Carbon tetrachloride
Concen: 54.221 ug/L
RT: 5.527 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU048650.D
Acq: 23 May 2022 10:32

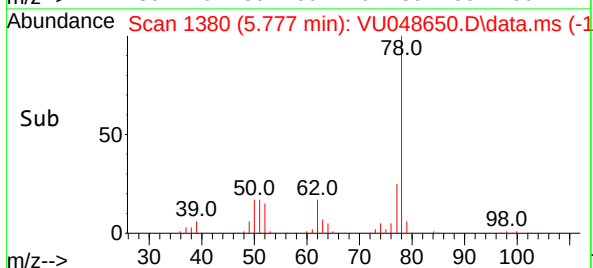
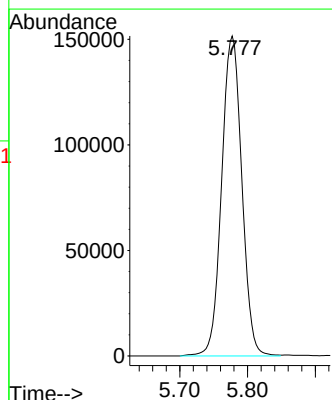
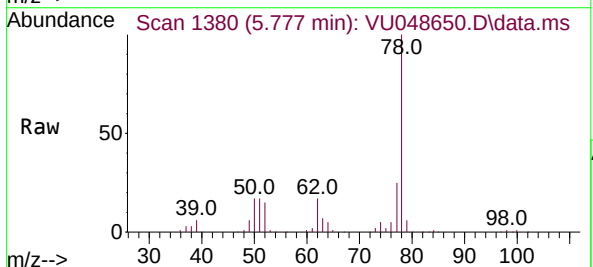
Instrument :
MSVOA_U
ClientSampleId :
VSTD050138

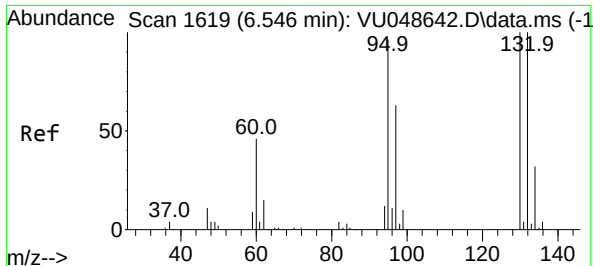
Tgt Ion:117 Resp: 157771
Ion Ratio Lower Upper
117 100
119 96.2 76.0 114.0



#33
Benzene
Concen: 50.897 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.003 min
Lab File: VU048650.D
Acq: 23 May 2022 10:32

Tgt Ion: 78 Resp: 313551

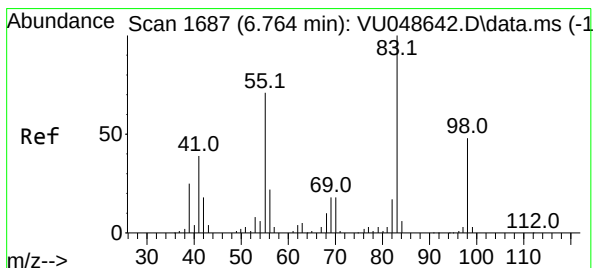
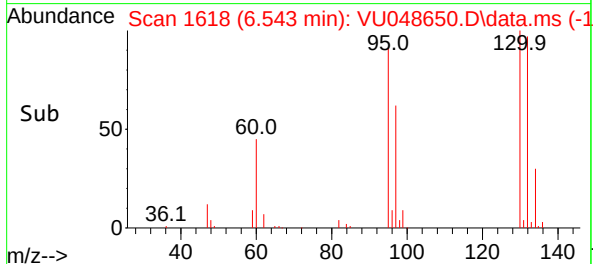
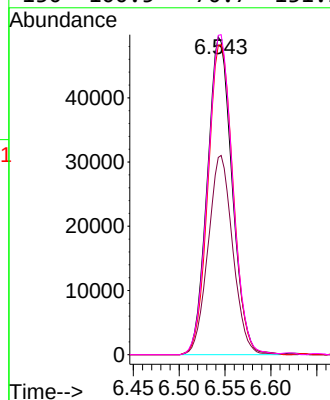
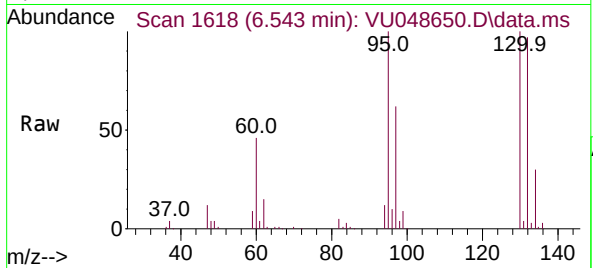




#34
Trichloroethene
Concen: 53.341 ug/L
RT: 6.543 min Scan# 1618
Delta R.T. -0.003 min
Lab File: VU048650.D
Acq: 23 May 2022 10:32

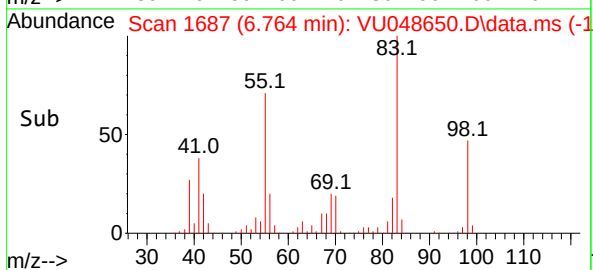
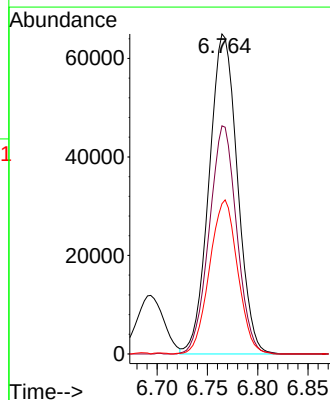
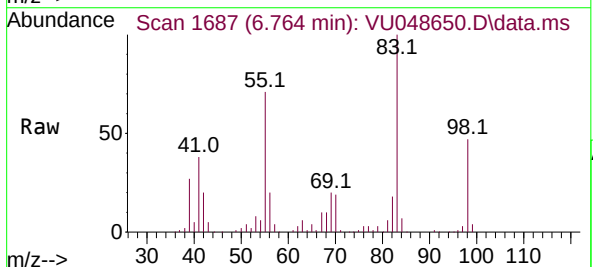
Instrument :
MSVOA_U
ClientSampleId :
VSTD050138

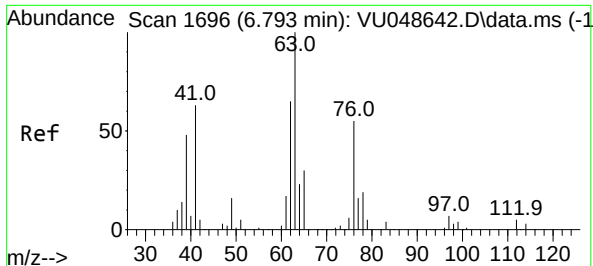
Tgt Ion: 95 Resp: 92972
Ion Ratio Lower Upper
95 100
97 62.1 45.2 84.0
132 97.3 67.3 124.9
130 100.5 70.7 131.3



#35
Methylcyclohexane
Concen: 50.996 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VU048650.D
Acq: 23 May 2022 10:32

Tgt Ion: 83 Resp: 127548
Ion Ratio Lower Upper
83 100
55 69.1 56.2 84.4
98 47.7 38.2 57.2





#37

1,2-Dichloropropane

Concen: 50.061 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU048650.D

Acq: 23 May 2022 10:32

Instrument :

MSVOA_U

ClientSampleId :

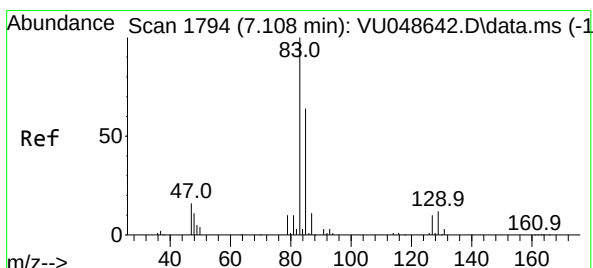
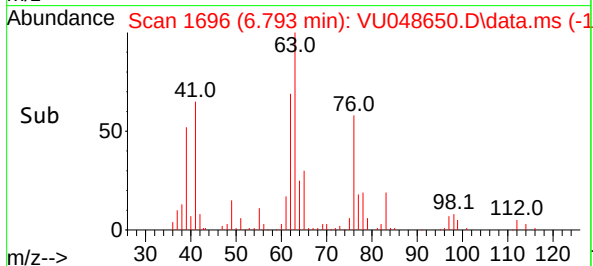
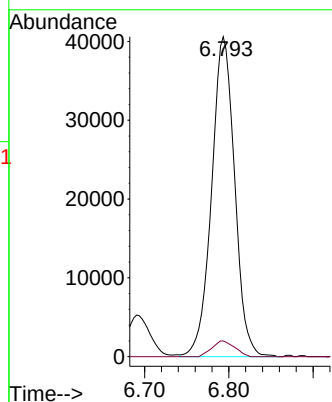
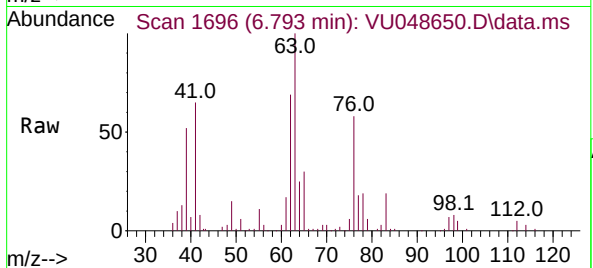
VSTD050138

Tgt Ion: 63 Resp: 77115

Ion Ratio Lower Upper

63 100

112 4.9 3.7 5.5



#38

Bromodichloromethane

Concen: 53.199 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU048650.D

Acq: 23 May 2022 10:32

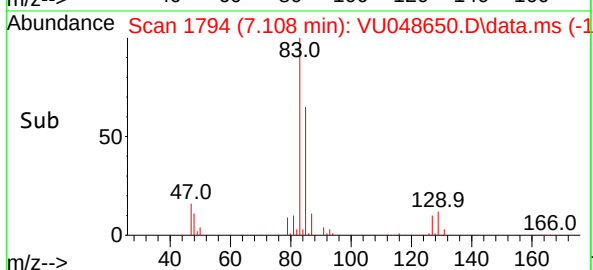
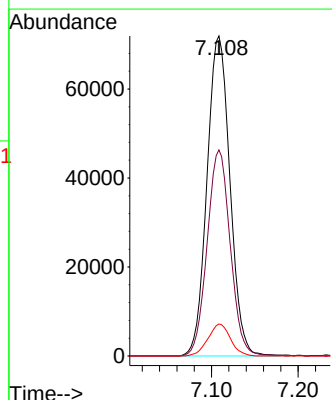
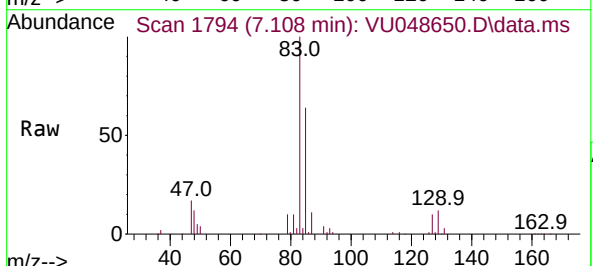
Tgt Ion: 83 Resp: 132588

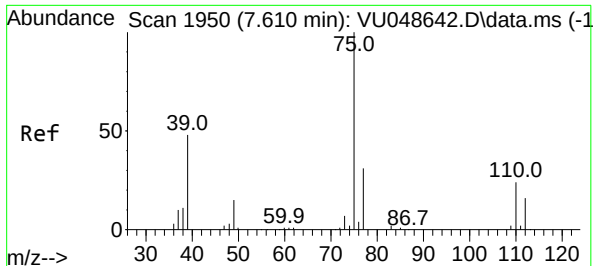
Ion Ratio Lower Upper

83 100

85 64.4 46.1 85.5

127 10.0 7.8 11.6





#39

cis-1,3-Dichloropropene

Concen: 52.076 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU048650.D

Acq: 23 May 2022 10:32

Instrument :

MSVOA_U

ClientSampleId :

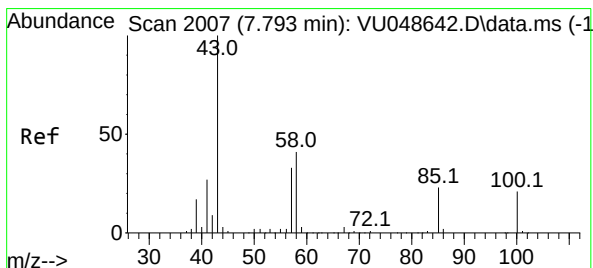
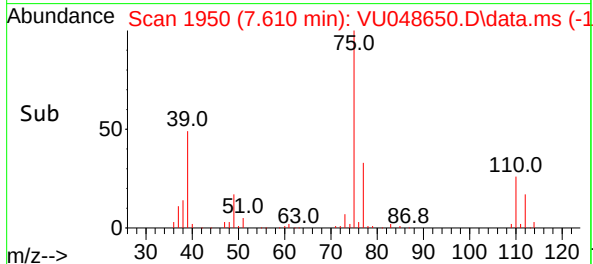
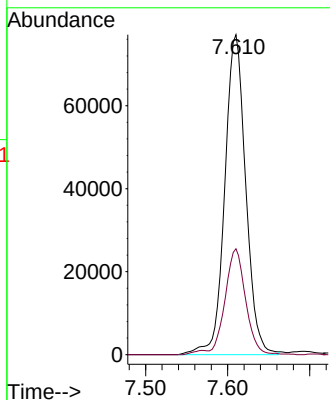
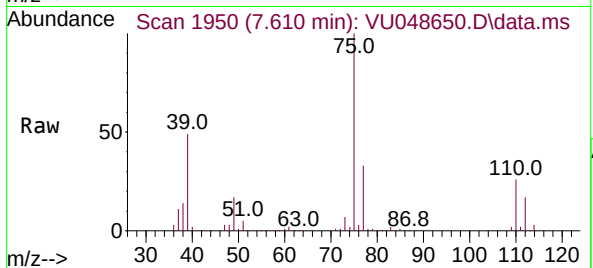
VSTD050138

Tgt Ion: 75 Resp: 136960

Ion Ratio Lower Upper

75 100

77 33.1 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 94.402 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU048650.D

Acq: 23 May 2022 10:32

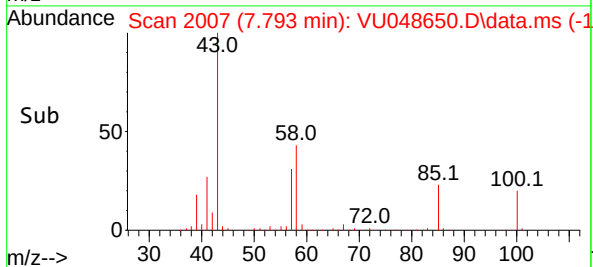
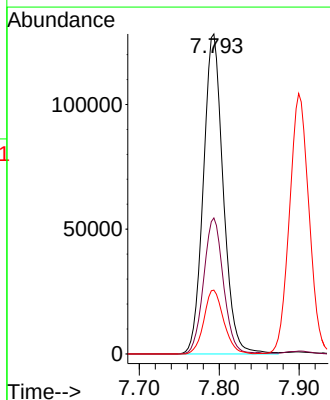
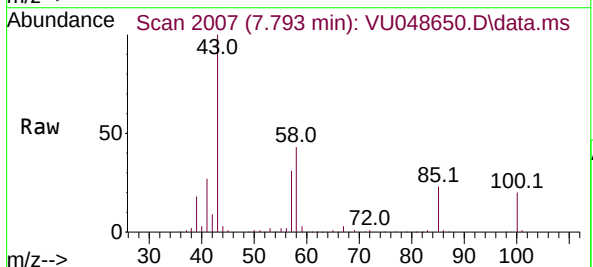
Tgt Ion: 43 Resp: 221914

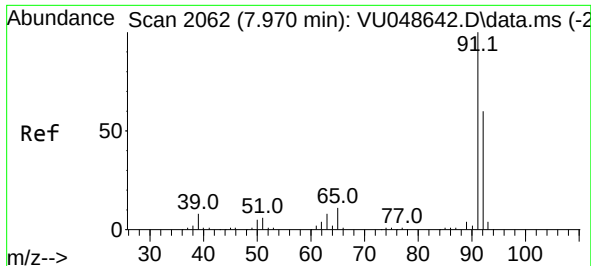
Ion Ratio Lower Upper

43 100

58 42.3 34.3 51.5

100 19.9 14.7 22.1





#42

Toluene

Concen: 53.189 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU048650.D

Acq: 23 May 2022 10:32

Instrument :

MSVOA_U

ClientSampleId :

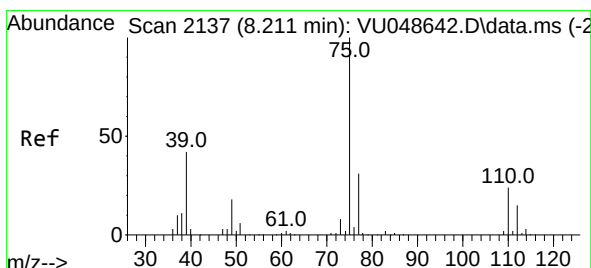
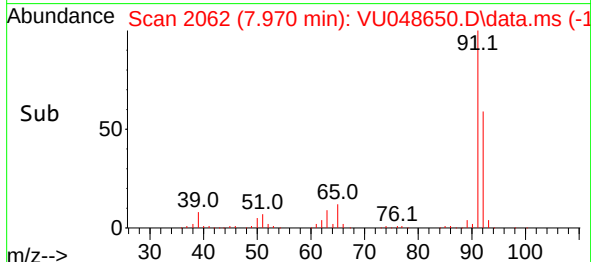
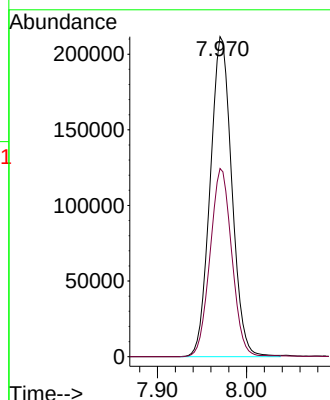
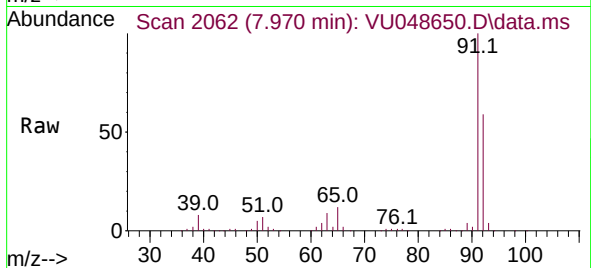
VSTD050138

Tgt Ion: 91 Resp: 357151

Ion Ratio Lower Upper

91 100

92 58.8 41.4 77.0



#44

trans-1,3-Dichloropropene

Concen: 52.953 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU048650.D

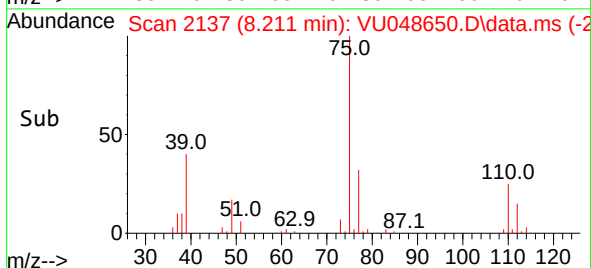
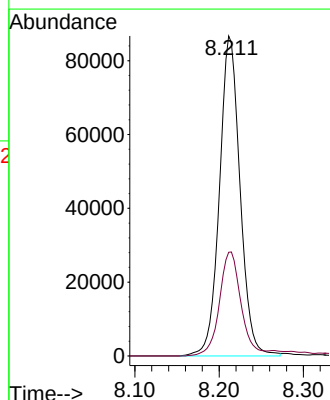
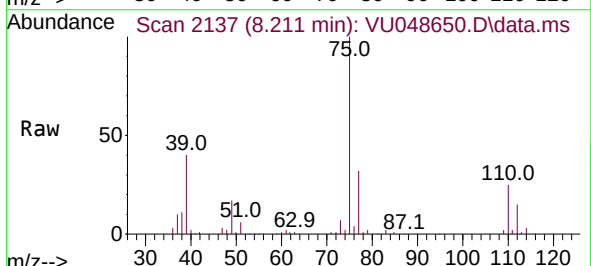
Acq: 23 May 2022 10:32

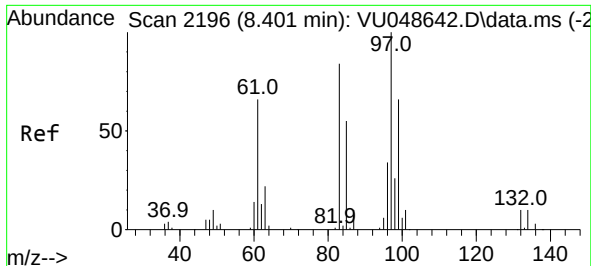
Tgt Ion: 75 Resp: 146870

Ion Ratio Lower Upper

75 100

77 32.4 22.7 42.1

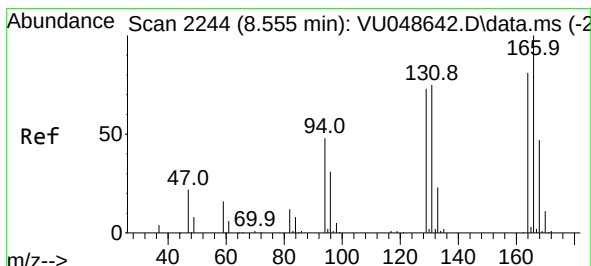
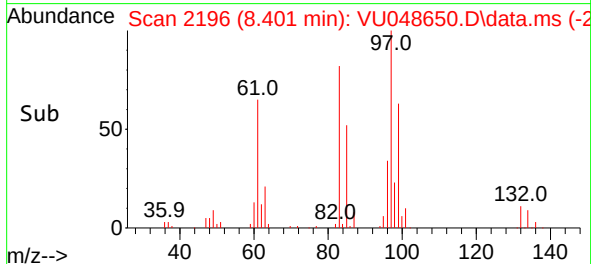
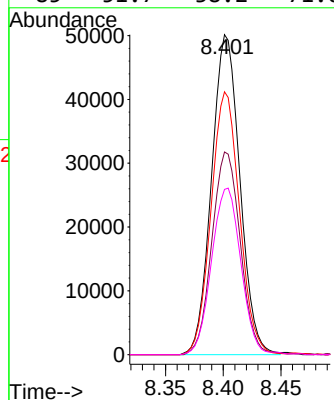
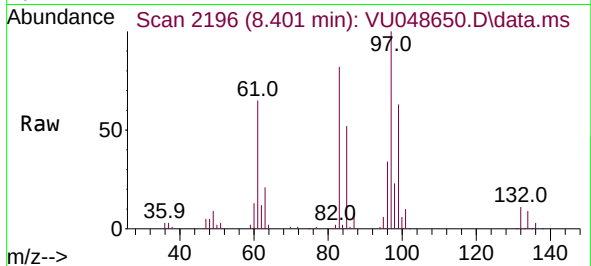




#45
1,1,2-Trichloroethane
Concen: 51.964 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU048650.D
Acq: 23 May 2022 10:32

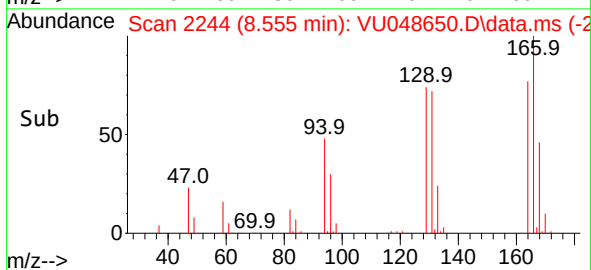
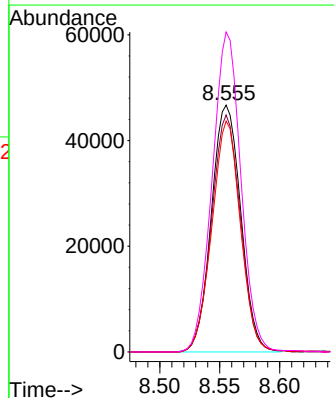
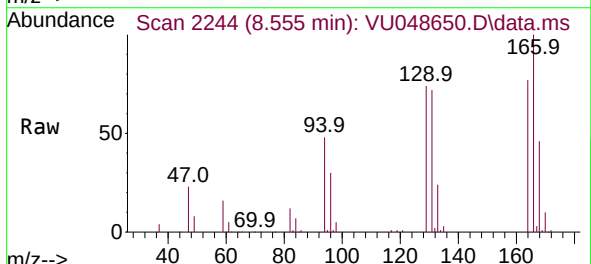
Instrument :
MSVOA_U
ClientSampleId :
VSTD050138

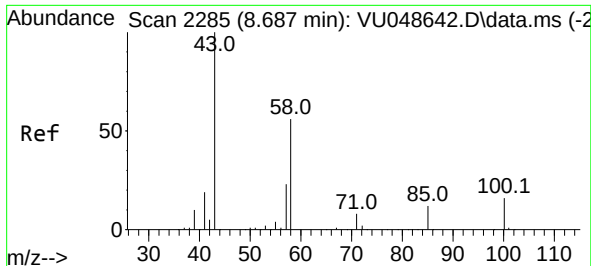
Tgt Ion:	97	Resp:	85721
Ion	Ratio	Lower	Upper
97	100		
99	63.3	42.2	78.4
83	82.1	58.4	108.6
85	51.7	38.2	71.0



#46
Tetrachloroethene
Concen: 55.983 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU048650.D
Acq: 23 May 2022 10:32

Tgt Ion:	164	Resp:	79623
Ion	Ratio	Lower	Upper
164	100		
129	96.0	64.3	119.3
131	93.6	64.5	119.7
166	129.6	87.5	162.5

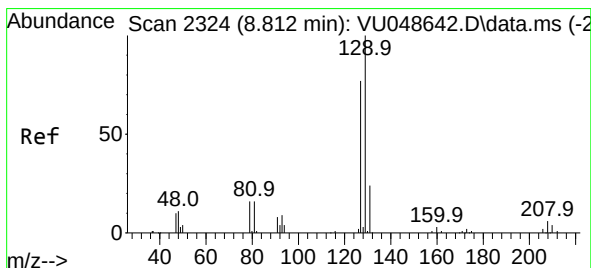
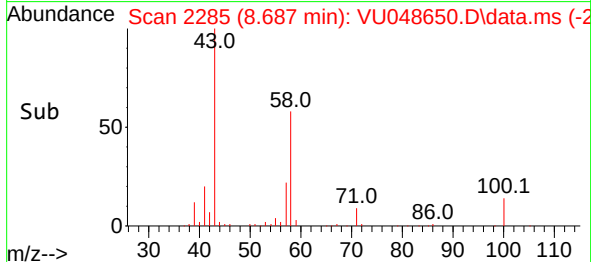
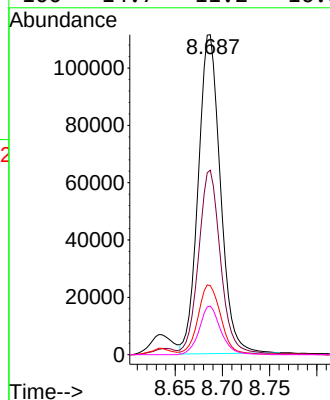
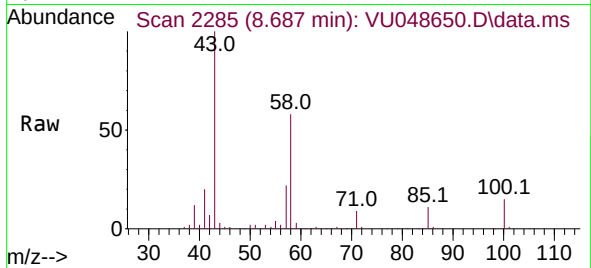




#48
2-Hexanone
Concen: 90.091 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048650.D
Acq: 23 May 2022 10:32

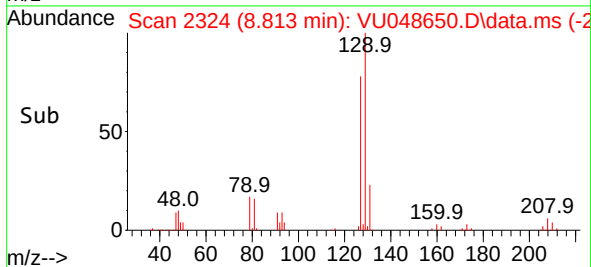
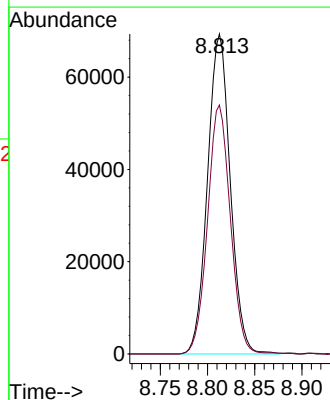
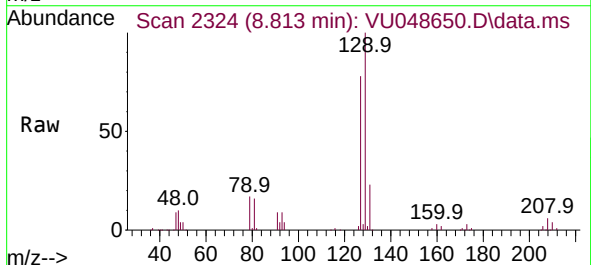
Instrument :
MSVOA_U
ClientSampleId :
VSTD050138

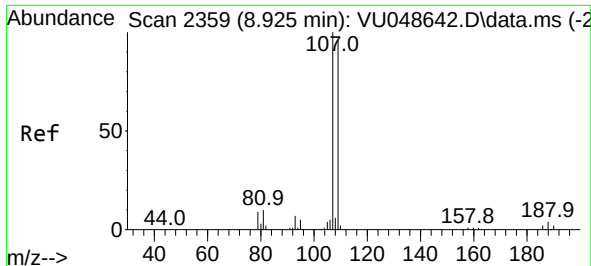
Tgt Ion:	43	Resp:	181455
Ion	Ratio	Lower	Upper
43	100		
58	56.7	45.8	68.6
57	22.3	16.8	25.2
100	14.7	11.2	16.8



#49
Dibromochloromethane
Concen: 54.822 ug/L
RT: 8.813 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU048650.D
Acq: 23 May 2022 10:32

Tgt Ion:	129	Resp:	116268
Ion	Ratio	Lower	Upper
129	100		
127	77.8	53.1	98.5





#50

1,2-Dibromoethane

Concen: 51.239 ug/L

RT: 8.925 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU048650.D

Acq: 23 May 2022 10:32

Instrument :

MSVOA_U

ClientSampleId :

VSTD050138

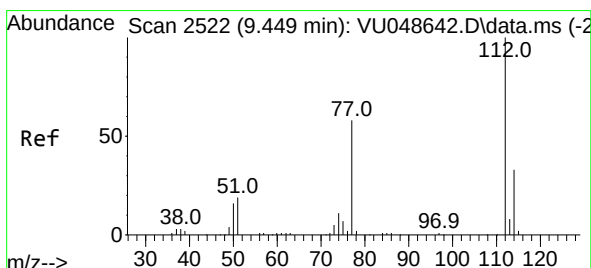
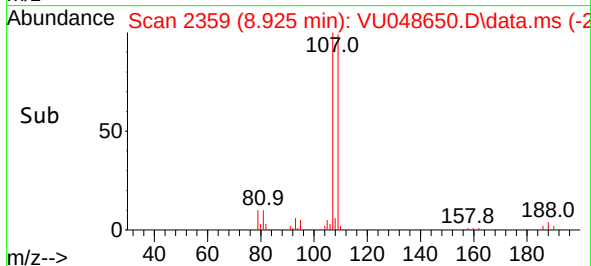
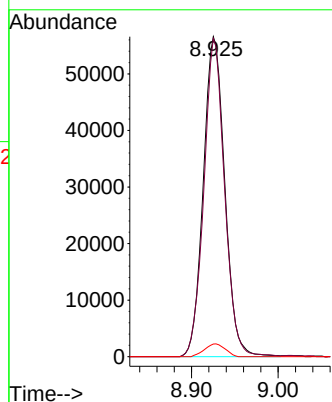
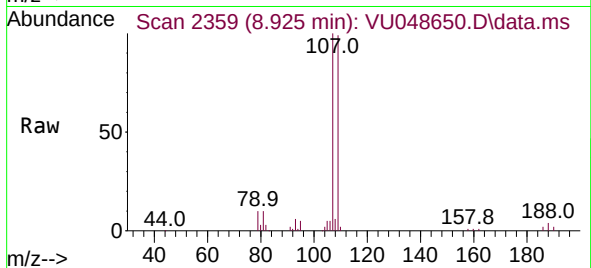
Tgt Ion:107 Resp: 97548

Ion Ratio Lower Upper

107 100

109 99.4 67.5 125.3

188 4.0 3.4 5.2



#51

Chlorobenzene

Concen: 51.878 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. 0.000 min

Lab File: VU048650.D

Acq: 23 May 2022 10:32

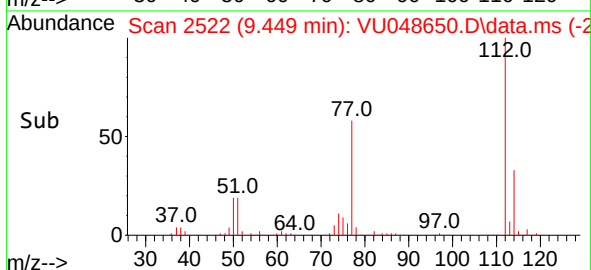
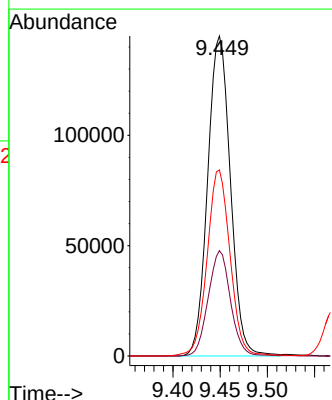
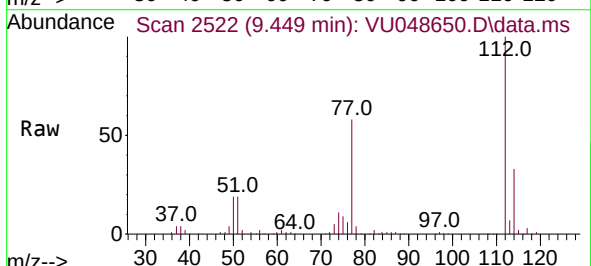
Tgt Ion:112 Resp: 242954

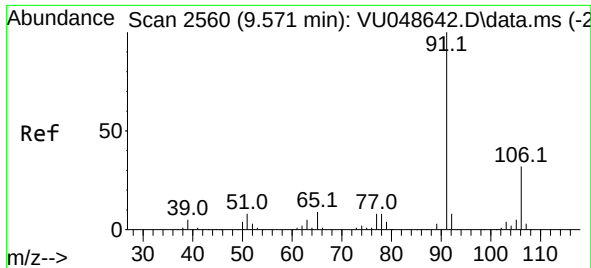
Ion Ratio Lower Upper

112 100

114 32.9 22.3 41.5

77 58.1 46.5 69.7

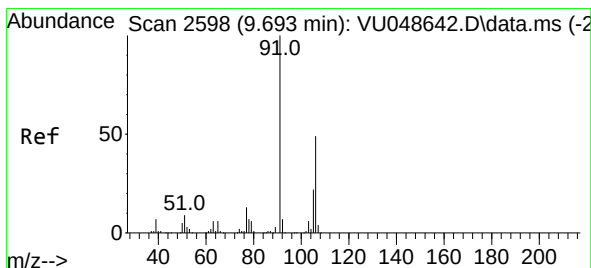
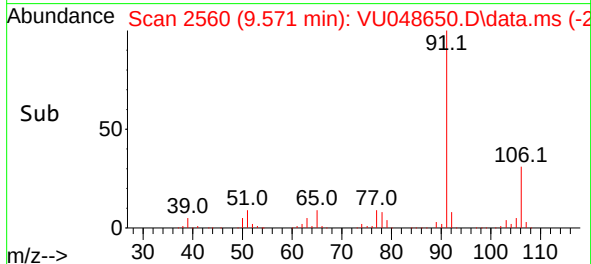
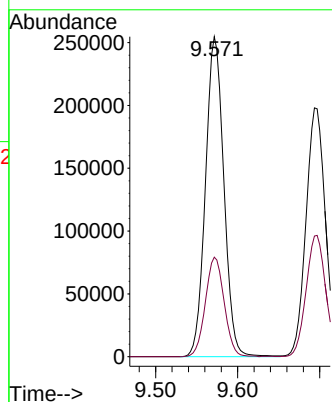
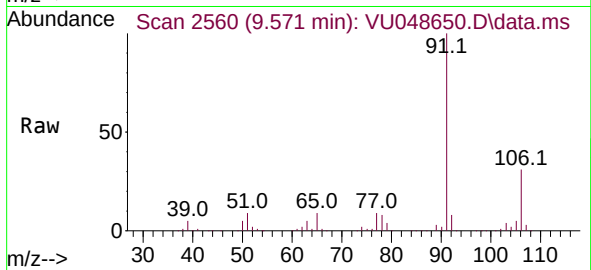




#52
Ethylbenzene
Concen: 51.611 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU048650.D
Acq: 23 May 2022 10:32

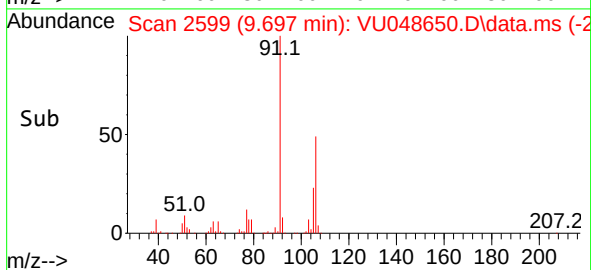
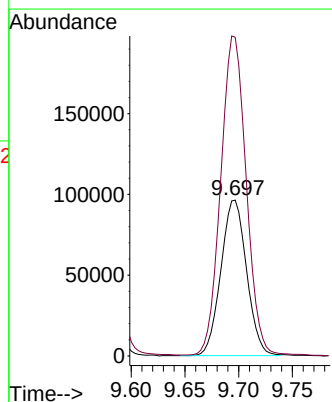
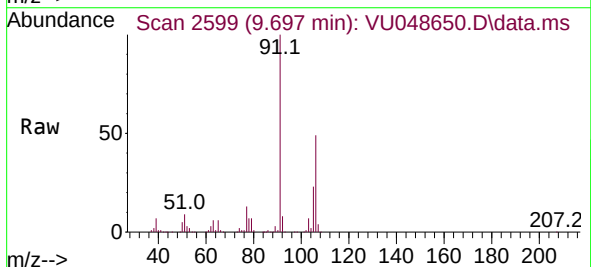
Instrument :
MSVOA_U
ClientSampleId :
VSTD050138

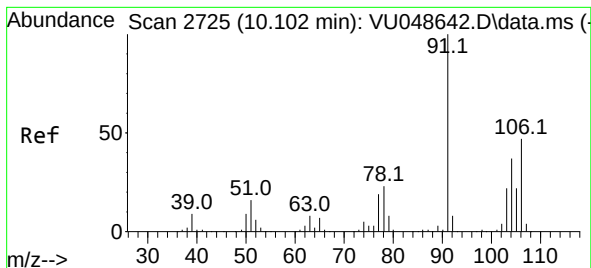
Tgt Ion: 91 Resp: 396036
Ion Ratio Lower Upper
91 100
106 31.1 21.8 40.6



#53
m,p-Xylene
Concen: 51.993 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.003 min
Lab File: VU048650.D
Acq: 23 May 2022 10:32

Tgt Ion: 106 Resp: 160333
Ion Ratio Lower Upper
106 100
91 204.4 141.8 263.4





#54

o-Xylene

Concen: 52.599 ug/L

RT: 10.102 min Scan# 2725

Delta R.T. 0.000 min

Lab File: VU048650.D

Acq: 23 May 2022 10:32

Instrument :

MSVOA_U

ClientSampleId :

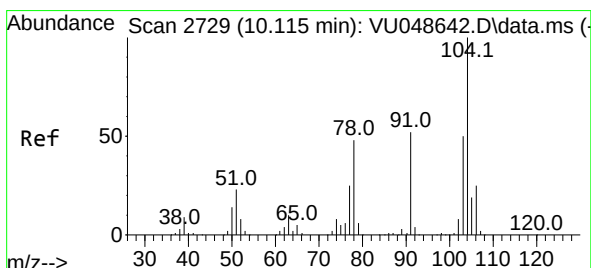
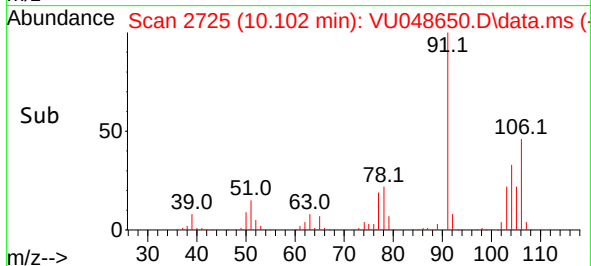
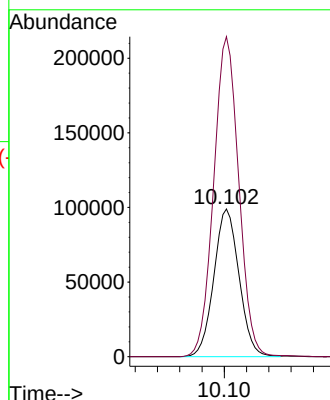
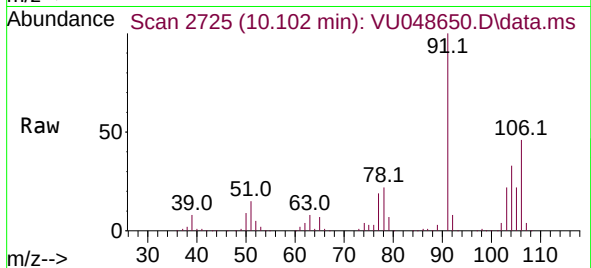
VSTD050138

Tgt Ion:106 Resp: 155392

Ion Ratio Lower Upper

106 100

91 216.6 150.1 278.9



#55

Styrene

Concen: 53.268 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. 0.000 min

Lab File: VU048650.D

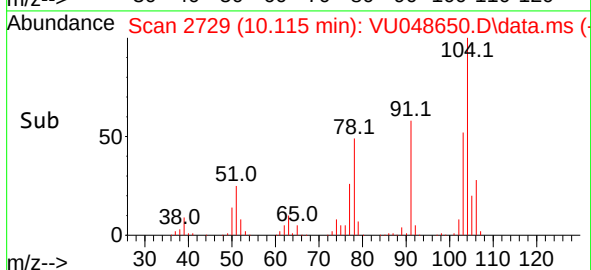
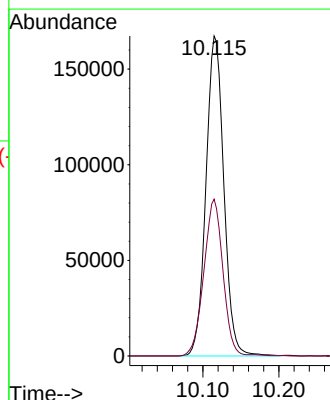
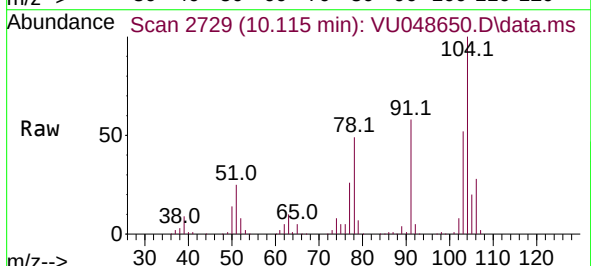
Acq: 23 May 2022 10:32

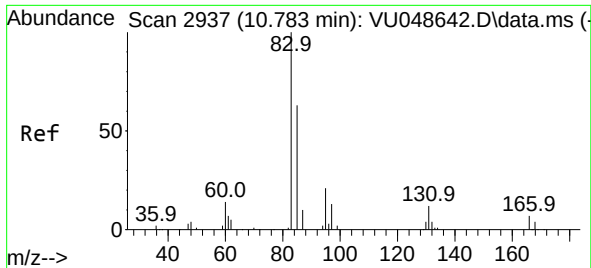
Tgt Ion:104 Resp: 273613

Ion Ratio Lower Upper

104 100

78 49.0 32.7 60.7

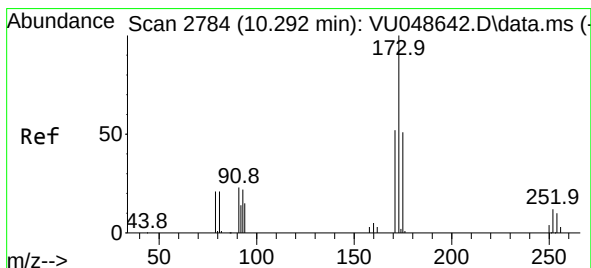
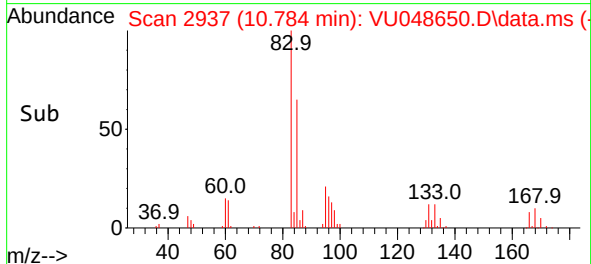
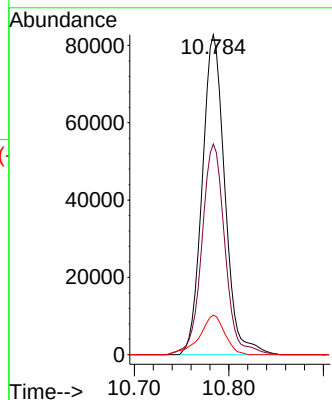
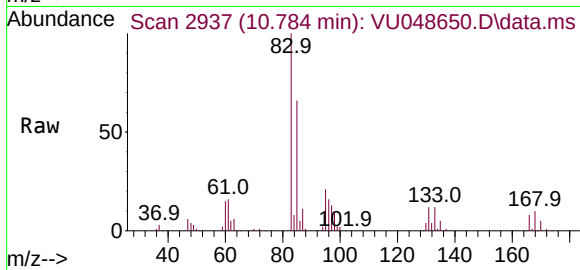




#57
1,1,2,2-Tetrachloroethane
Concen: 48.180 ug/L
RT: 10.784 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU048650.D
Acq: 23 May 2022 10:32

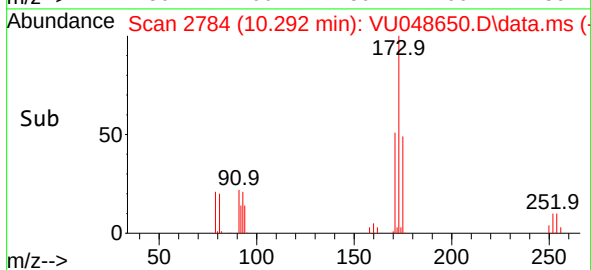
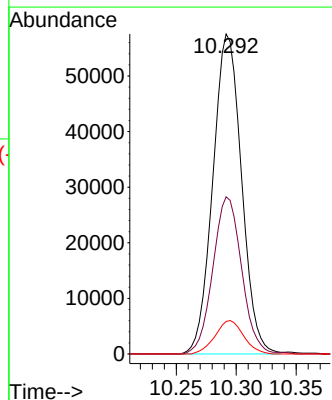
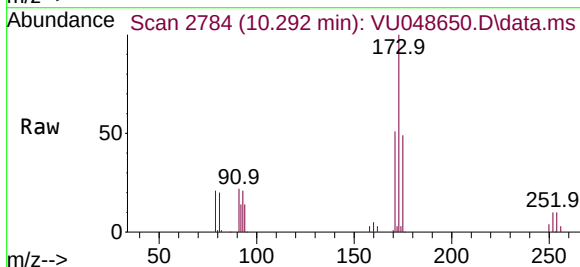
Instrument :
MSVOA_U
ClientSampleId :
VSTD050138

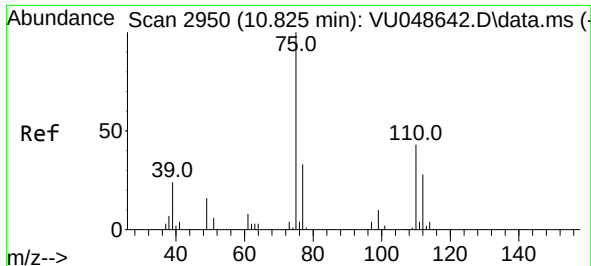
Tgt Ion: 83 Resp: 137361
Ion Ratio Lower Upper
83 100
85 65.8 44.1 81.9
131 12.3 8.9 13.3



#59
Bromoform
Concen: 53.056 ug/L
RT: 10.292 min Scan# 2784
Delta R.T. 0.000 min
Lab File: VU048650.D
Acq: 23 May 2022 10:32

Tgt Ion: 173 Resp: 95585
Ion Ratio Lower Upper
173 100
175 49.1 38.2 57.4
254 10.4 7.7 11.5

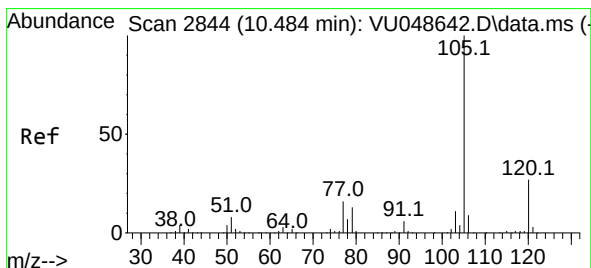
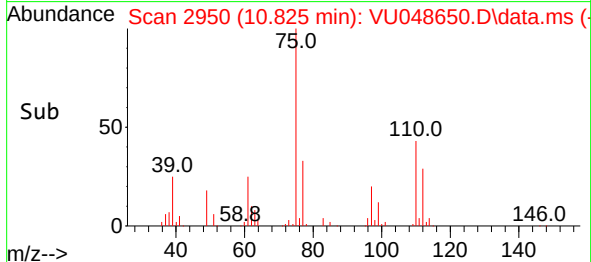
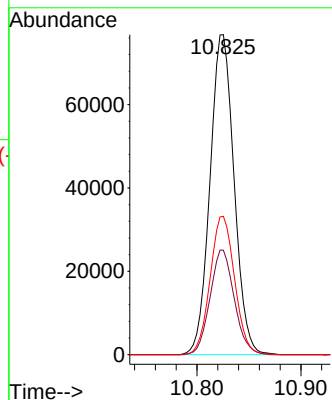
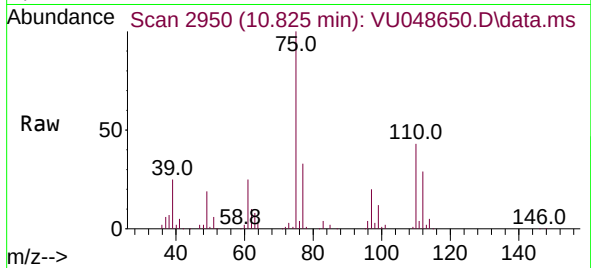




#60
1,2,3-Trichloropropane
Concen: 47.619 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU048650.D
Acq: 23 May 2022 10:32

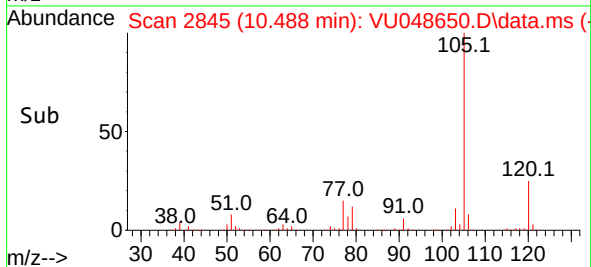
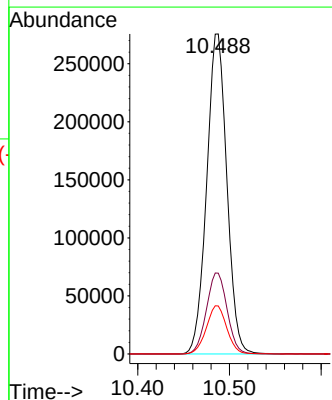
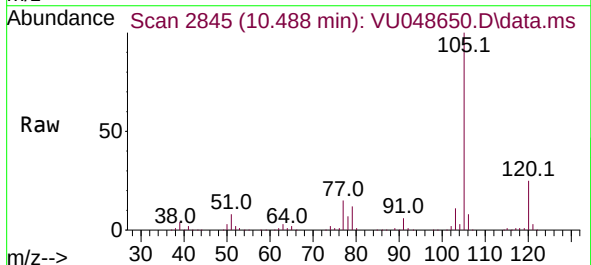
Instrument :
MSVOA_U
ClientSampleId :
VSTD050138

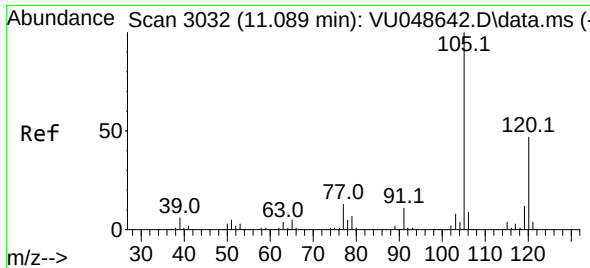
Tgt Ion: 75 Resp: 123777
Ion Ratio Lower Upper
75 100
77 32.9 25.4 38.0
110 43.8 32.1 48.1



#61
Isopropylbenzene
Concen: 52.195 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.003 min
Lab File: VU048650.D
Acq: 23 May 2022 10:32

Tgt Ion: 105 Resp: 421298
Ion Ratio Lower Upper
105 100
120 26.0 21.0 31.6
77 15.3 12.5 18.7

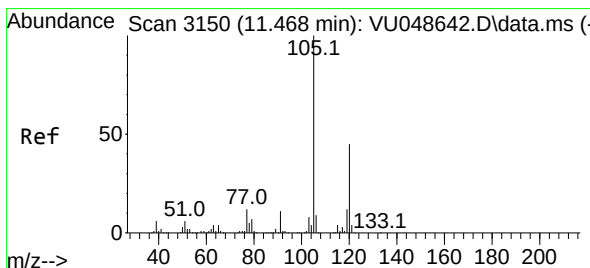
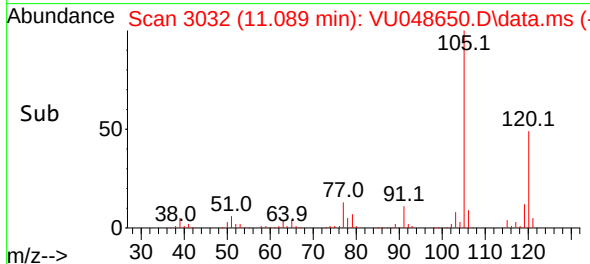
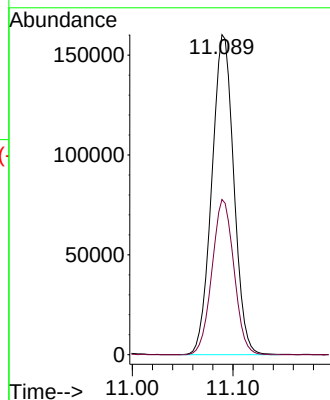
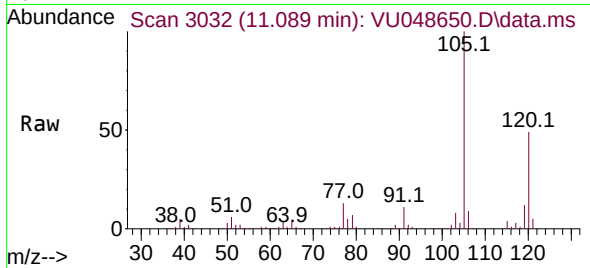




#62
 1,3,5-Trimethylbenzene
 Concen: 52.985 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. 0.000 min
 Lab File: VU048650.D
 Acq: 23 May 2022 10:32

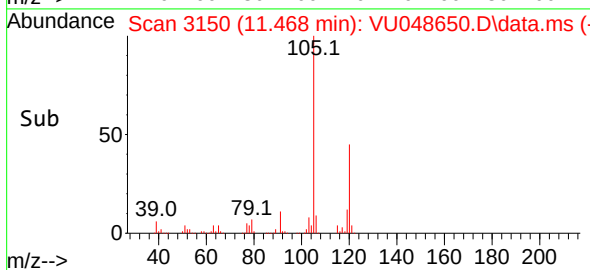
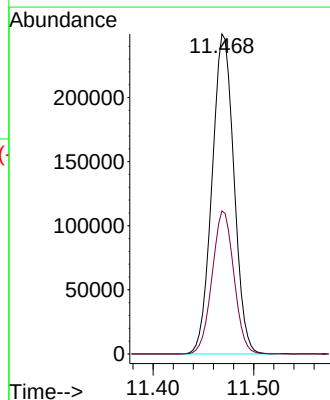
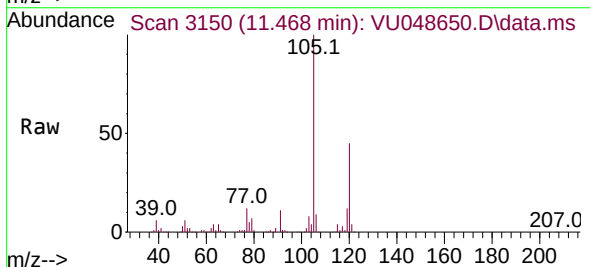
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050138

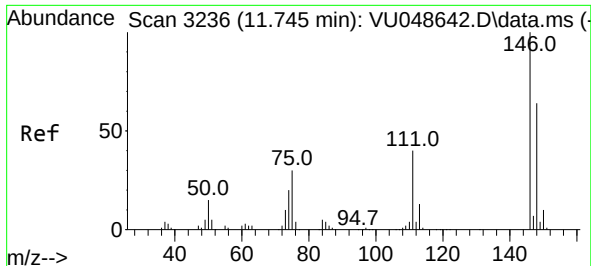
Tgt Ion:105 Resp: 243138
 Ion Ratio Lower Upper
 105 100
 120 48.4 38.5 57.7



#63
 1,2,4-Trimethylbenzene
 Concen: 52.955 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU048650.D
 Acq: 23 May 2022 10:32

Tgt Ion:105 Resp: 377869
 Ion Ratio Lower Upper
 105 100
 120 44.4 35.4 53.2

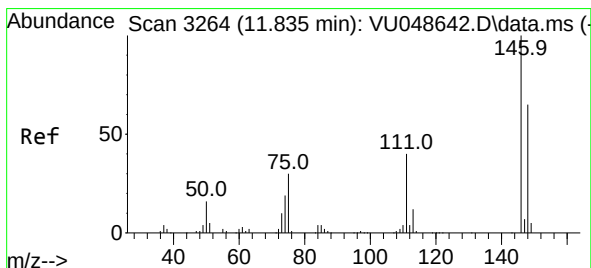
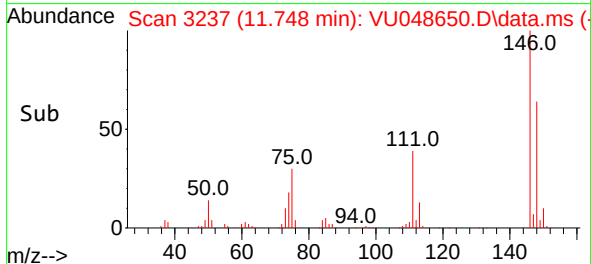
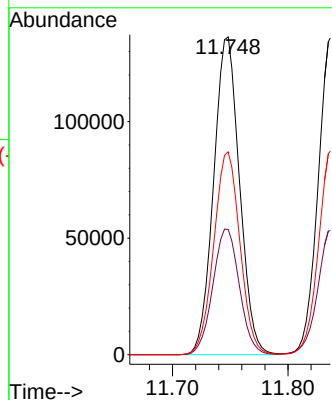
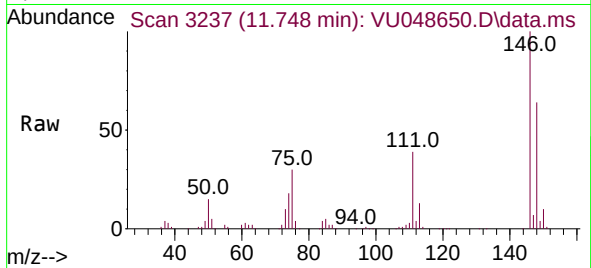




#64
 1,3-Dichlorobenzene
 Concen: 51.024 ug/L
 RT: 11.748 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU048650.D
 Acq: 23 May 2022 10:32

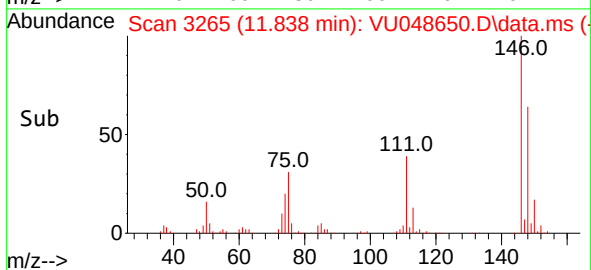
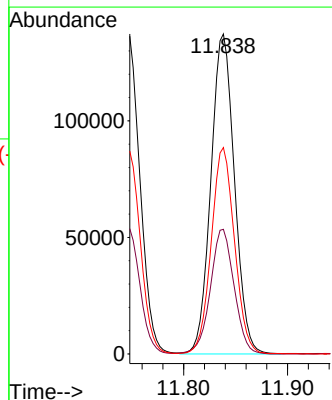
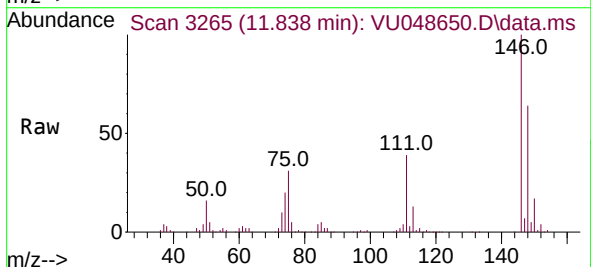
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050138

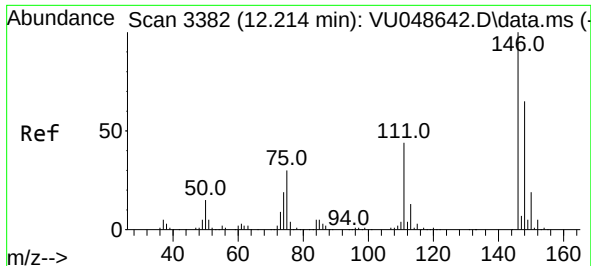
Tgt Ion:146 Resp: 212387
 Ion Ratio Lower Upper
 146 100
 111 39.4 28.7 53.3
 148 63.8 43.7 81.1



#65
 1,4-Dichlorobenzene
 Concen: 50.131 ug/L
 RT: 11.838 min Scan# 3265
 Delta R.T. 0.003 min
 Lab File: VU048650.D
 Acq: 23 May 2022 10:32

Tgt Ion:146 Resp: 216537
 Ion Ratio Lower Upper
 146 100
 111 38.9 27.6 51.2
 148 64.5 44.2 82.2

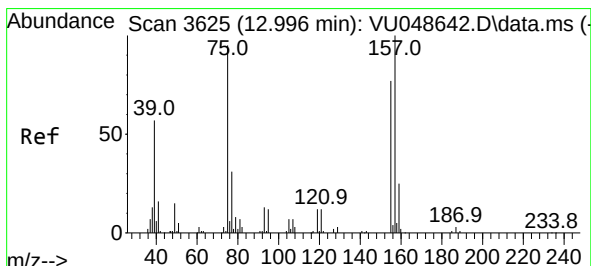
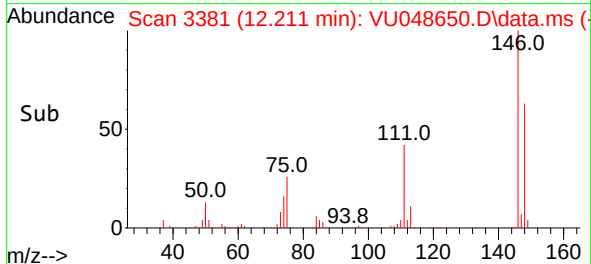
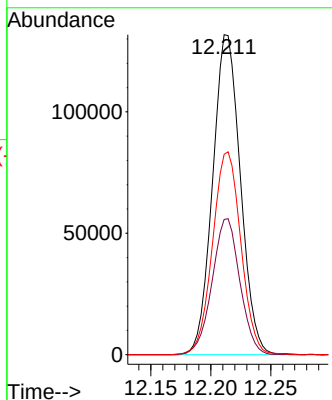
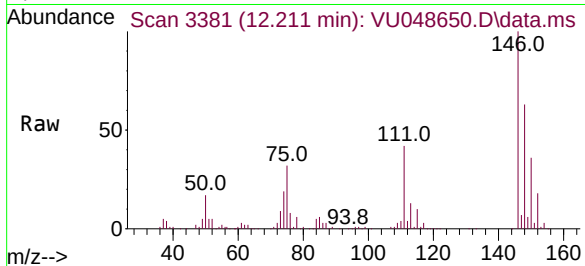




#67
1,2-Dichlorobenzene
Concen: 50.023 ug/L
RT: 12.211 min Scan# 311
Delta R.T. -0.003 min
Lab File: VU048650.D
Acq: 23 May 2022 10:32

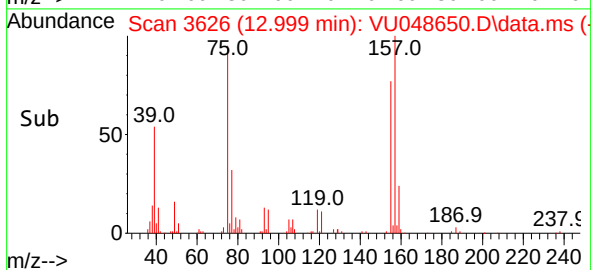
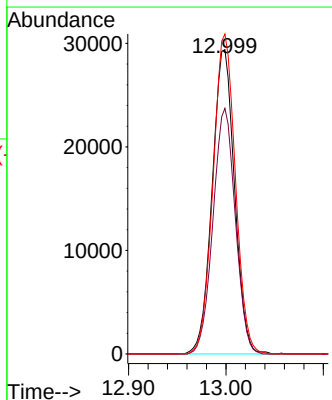
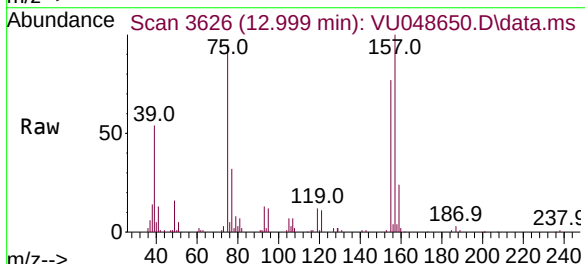
Instrument :
MSVOA_U
ClientSampleId :
VSTD050138

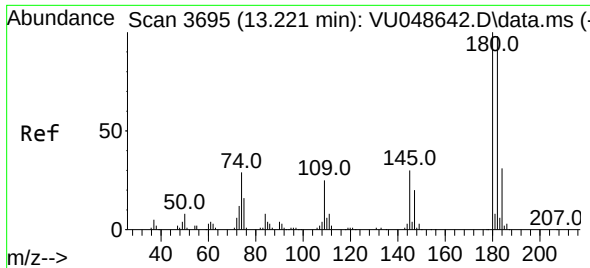
Tgt Ion:146 Resp: 211787
Ion Ratio Lower Upper
146 100
111 42.2 34.1 51.1
148 62.6 50.9 76.3



#68
1,2-Dibromo-3-chloropropane
Concen: 46.672 ug/L
RT: 12.999 min Scan# 3626
Delta R.T. 0.003 min
Lab File: VU048650.D
Acq: 23 May 2022 10:32

Tgt Ion: 75 Resp: 46905
Ion Ratio Lower Upper
75 100
155 80.7 63.5 95.3
157 105.1 83.5 125.3



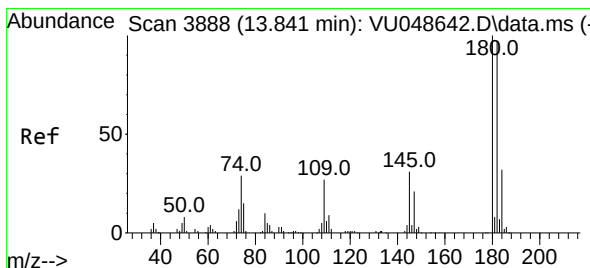
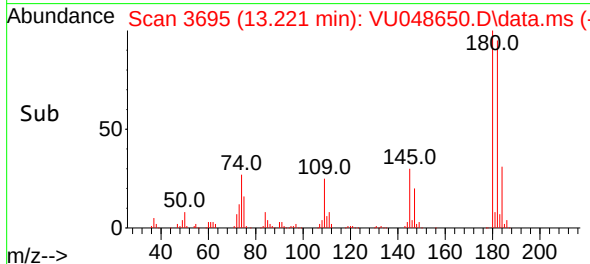
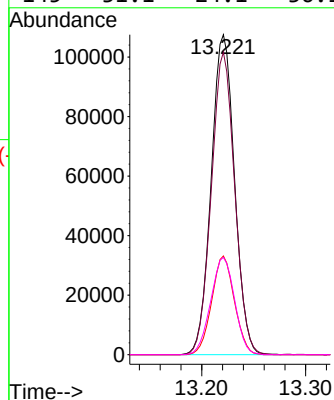
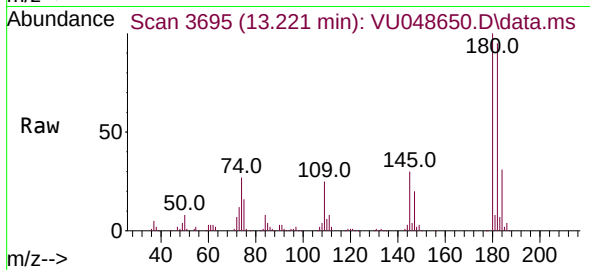


#69
 1,3,5-Trichlorobenzene
 Concen: 50.540 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.000 min
 Lab File: VU048650.D
 Acq: 23 May 2022 10:32

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050138

Tgt Ion:180 Resp: 167677

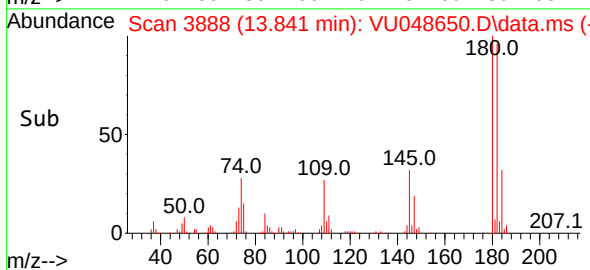
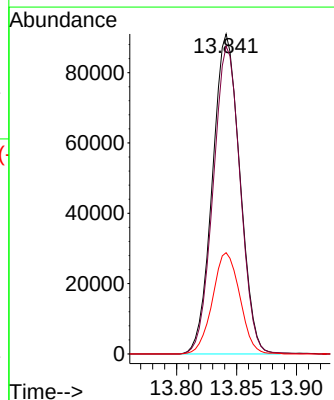
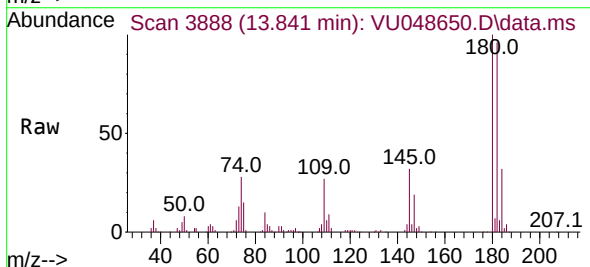
Ion	Ratio	Lower	Upper
180	100		
182	94.5	75.8	113.6
184	30.0	23.4	35.2
145	31.1	24.1	36.1

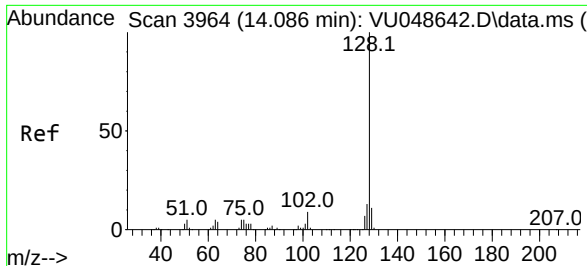


#70
 1,2,4-trichlorobenzene
 Concen: 48.137 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU048650.D
 Acq: 23 May 2022 10:32

Tgt Ion:180 Resp: 144443

Ion	Ratio	Lower	Upper
180	100		
182	94.8	75.8	113.8
145	31.6	24.9	37.3

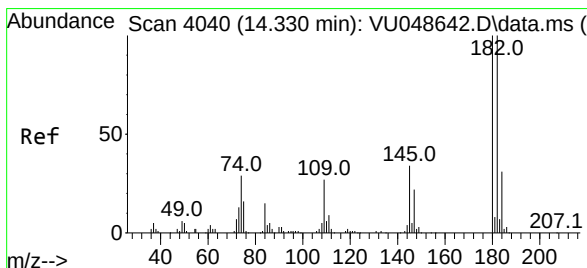
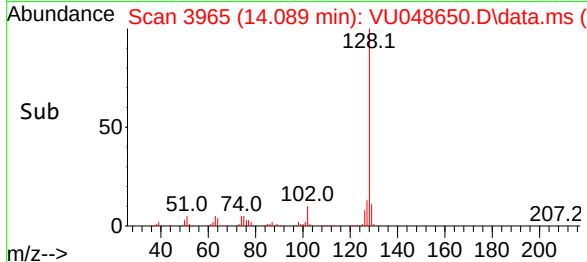
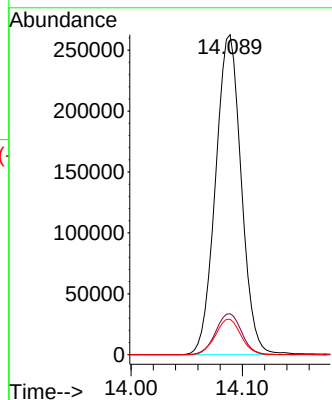
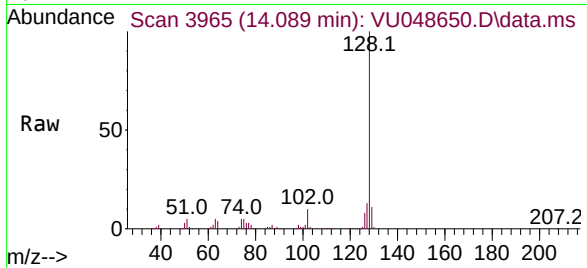




#71
Naphthalene
Concen: 42.554 ug/L
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU048650.D
Acq: 23 May 2022 10:32

Instrument :
MSVOA_U
ClientSampleId :
VSTD050138

Tgt Ion:128 Resp: 421041
Ion Ratio Lower Upper
128 100
127 13.0 10.6 16.0
129 11.0 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 48.947 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU048650.D
Acq: 23 May 2022 10:32

Tgt Ion:180 Resp: 147463
Ion Ratio Lower Upper
180 100
182 94.9 75.6 113.4
145 33.5 27.1 40.7

