

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022723\
 Data File : VU053148.D
 Acq On : 27 Feb 2023 11:06
 Operator : JC/MD
 Sample : VSTDICC002
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC002

Quant Time: Feb 28 01:54:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U022723DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Feb 28 01:52:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.109	96	26734	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	10832	0.960	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.000%	
68) 1,2-Dichlorobenzene-d4	12.189	152	9236	1.033	ug/l	0.00
Spiked Amount 1.000			Recovery	=	103.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	14419	2.125	ug/l	97
3) Chloromethane	1.521	50	14593	2.087	ug/l	99
4) Vinyl Chloride	1.604	62	16241	2.182	ug/l	96
5) Bromomethane	1.858	94	8623	2.035	ug/l	99
6) Chloroethane	1.936	64	9522	2.106	ug/l	92
7) Trichlorofluoromethane	2.138	101	21901	2.044	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.582	101	13847	2.067	ug/l	99
9) 1,1-Dichloroethene	2.582	96	12012	2.064	ug/l	96
10) Iodomethane	2.723	142	11878	1.984	ug/l	100
11) Allyl Chloride	2.923	41	18768	2.066	ug/l	98
12) Acrylonitrile	3.315	53	6372	4.267	ug/l	94
13) Acetone	2.630	43	18734	8.795	ug/l	99
14) Carbon Disulfide	2.794	76	27478	2.058	ug/l	100
15) Methylene Chloride	3.045	84	16991	2.043	ug/l	93
16) trans-1,2-Dichloroethene	3.350	96	12947	2.024	ug/l	87
17) 1,1-Dichloroethane	3.865	63	28653	2.047	ug/l	98
18) 2-Butanone	4.714	43	24478	9.571	ug/l	98
19) Cyclohexane	5.379	56	21364	1.914	ug/l	91
20) Methylcyclohexane	6.755	83	22270	2.076	ug/l	98
21) 2,2-Dichloropropane	4.659	77	25189	2.054	ug/l	99
22) cis-1,2-Dichloroethene	4.662	96	15955	2.021	ug/l	100
23) Diethyl Ether	2.376	59	9865	2.072	ug/l	96
24) tert-Butyl Alcohol	3.196	59	11299	20.200	ug/l #	71
25) Methyl tert-Butyl Ether	3.363	73	34719	2.052	ug/l	98
26) Bromochloromethane	4.974	128	6131	2.008	ug/l	95
27) Chloroform	5.083	83	29088	2.017	ug/l	98
28) 1,1,1-Trichloroethane	5.312	97	25678	2.120	ug/l	99
29) 1,1-Dichloropropene	5.517	75	18936	2.086	ug/l	96
30) Carbon Tetrachloride	5.521	117	17153	2.057	ug/l	97
31) Isopropyl Ether	3.993	45	45935	2.057	ug/l	99
32) Ethyl-t-butyl ether	4.505	59	42791	2.022	ug/l	99
33) Tert-Amyl methyl ether	5.942	73	34048	2.028	ug/l	98
34) Propionitrile	4.784	54	6238	10.485	ug/l #	92
35) Benzene	5.768	78	56152	2.096	ug/l	96
36) 1,2-Dichloroethane	5.794	62	16291	2.034	ug/l	97
37) Trichloroethene	6.540	130	12868	2.093	ug/l	99
38) 1,2-Dichloropropane	6.791	63	16264	2.099	ug/l	95
39) Methacrylonitrile	4.977	41	4946	1.945	ug/l	91
40) Methyl acrylate	4.849	55	7337	1.870	ug/l #	93
41) Tetrahydrofuran	5.061	42	5583	4.487	ug/l #	88
42) 1-Chlorobutane	5.453	56	26582	2.103	ug/l	97
43) Dibromomethane	6.916	93	7473	2.176	ug/l	92
44) Bromodichloromethane	7.103	83	19624	2.089	ug/l	93

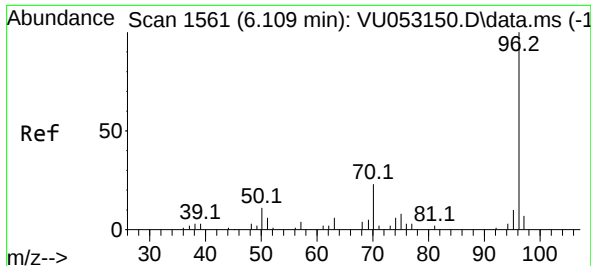
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 QLast Update : Tue Feb 28 01:52:21 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.794	43	41988	10.015	ug/l	99
46) t-1,4-Dichloro-2-butene	10.823	75	17101	8.095	ug/l #	58
47) Methyl methacrylate	6.964	69	14963	4.234	ug/l	98
48) Ethyl methacrylate	8.334	69	14670	2.023	ug/l	96
49) Toluene	7.967	92	34738	2.106	ug/l	100
50) t-1,3-Dichloropropene	8.209	75	18795	2.060	ug/l	92
51) cis-1,3-Dichloropropene	7.604	75	22320	2.018	ug/l	95
52) 1,1,2-Trichloroethane	8.398	97	10325	2.047	ug/l	97
53) 1,3-Dichloropropane	8.572	76	18818	2.081	ug/l	100
54) 2-Hexanone	8.688	43	34061	9.536	ug/l	96
55) Dibromochloromethane	8.807	129	11509	2.000	ug/l	97
56) 1,2-Dibromoethane	8.922	107	9263	2.067	ug/l	98
58) Tetrachloroethene	8.553	164	10011	2.042	ug/l	98
59) Chlorobenzene	9.443	112	38336	2.078	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.530	131	12207	2.003	ug/l	98
61) Pentachloroethane	11.424	117	10865	2.052	ug/l	96
62) Hexachloroethane	12.472	117	11336	1.942	ug/l	95
63) Ethyl Benzene	9.565	91	71008	2.086	ug/l	99
64) m/p-Xylenes	9.691	106	51586	4.177	ug/l	100
65) o-Xylene	10.096	106	26101	2.070	ug/l	99
66) Styrene	10.112	104	41006	2.051	ug/l	98
67) Bromoform	10.286	173	5520	1.973	ug/l	99
69) Isopropylbenzene	10.479	105	70303	2.081	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.778	83	13479	1.983	ug/l	94
71) 1,2,3-Trichloropropane	10.823	75	17101	3.013	ug/l	79
72) Bromobenzene	10.778	156	13572	2.071	ug/l	98
73) n-propylbenzene	10.903	120	18663	2.083	ug/l	98
74) 2-Chlorotoluene	10.980	126	15256	2.056	ug/l	98
75) 1,3,5-Trimethylbenzene	11.083	105	57747	2.055	ug/l	100
76) 4-Chlorotoluene	11.093	126	16448	2.109	ug/l	88
77) tert-Butylbenzene	11.414	119	55633	2.020	ug/l	98
78) 1,2,4-Trimethylbenzene	11.463	105	58469	2.041	ug/l	99
79) sec-Butylbenzene	11.639	105	79362	2.077	ug/l	99
80) Nitrobenzene	13.202	77	2808	7.904	ug/l #	96
81) p-Isopropyltoluene	11.790	119	61880	2.044	ug/l	99
82) 1,3-Dichlorobenzene	11.742	146	30097	2.092	ug/l	97
83) 1,4-Dichlorobenzene	11.832	146	29099	1.981	ug/l	96
84) n-Butylbenzene	12.205	91	63893	2.037	ug/l	99
85) 1,2-Dichlorobenzene	12.208	146	28075	2.046	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.990	75	2259	2.078	ug/l	94
87) 1,2,4-Trichlorobenzene	13.835	180	16946	2.013	ug/l	97
88) Hexachlorobutadiene	14.019	225	8654	2.104	ug/l	96
89) Naphthalene	14.083	128	34457	1.914	ug/l	100
90) 1,2,3-Trichlorobenzene	14.327	180	14974	2.021	ug/l	97

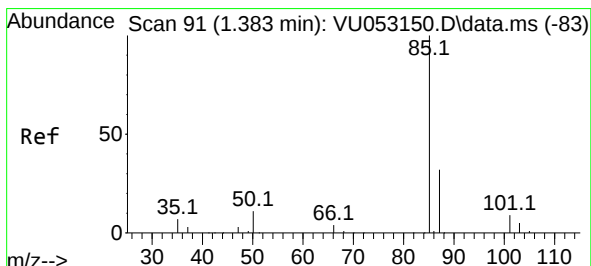
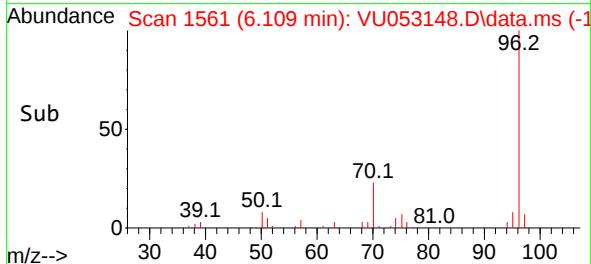
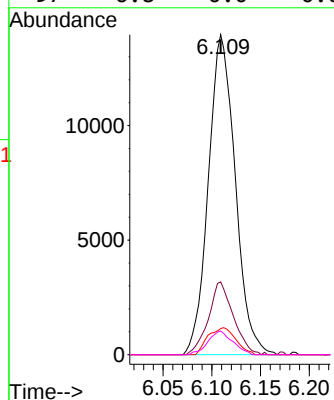
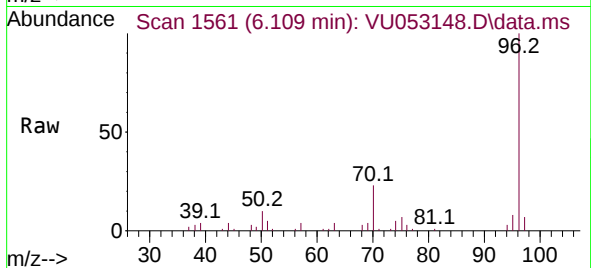
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU053148.D
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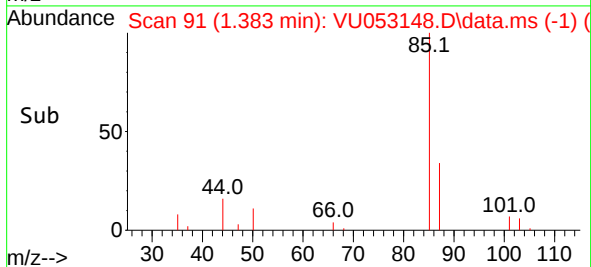
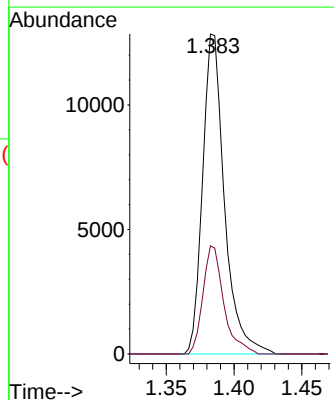
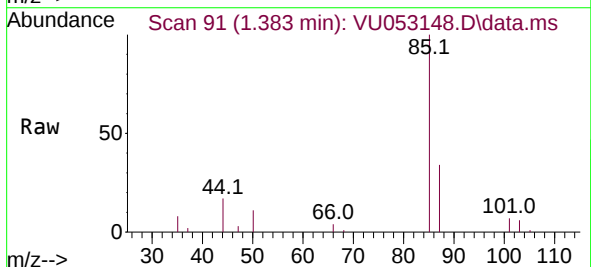
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

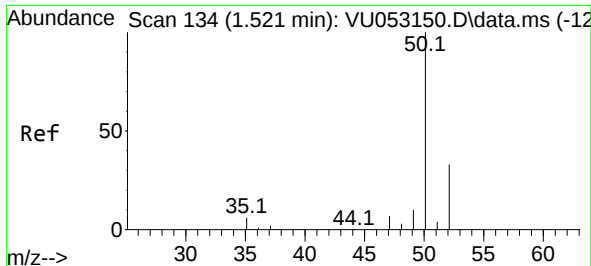
Tgt Ion: 96	Resp: 26734
Ion Ratio	Lower Upper
96 100	
70 21.1	15.5 23.3
95 8.7	7.0 10.6
97 6.8	0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 2.125 ug/l
RT: 1.383 min Scan# 91
Delta R.T. -0.000 min
Lab File: VU053148.D
Acq: 27 Feb 2023 11:06

Tgt Ion: 85	Resp: 14419
Ion Ratio	Lower Upper
85 100	
87 33.8	16.1 48.2

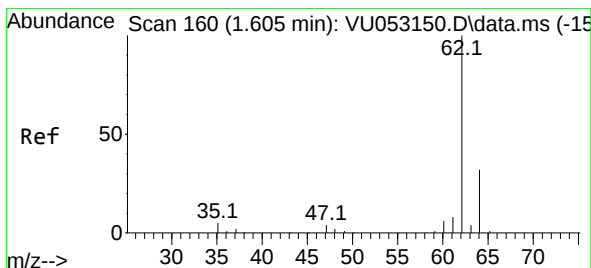
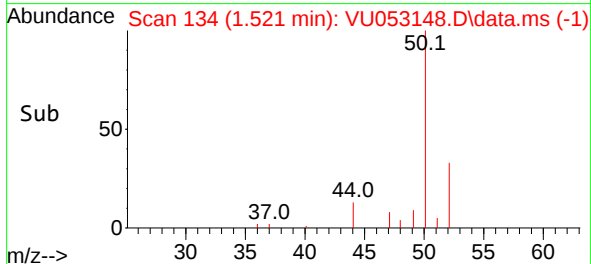
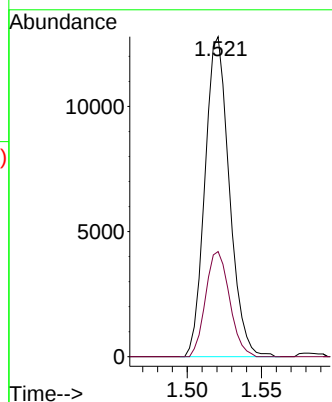
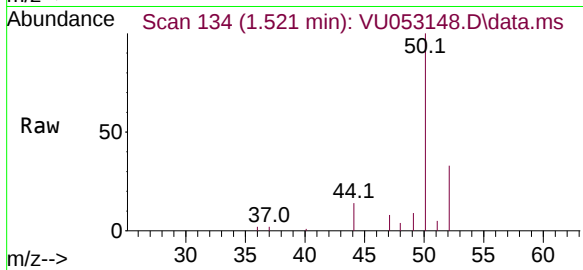




#3
Chloromethane
Concen: 2.087 ug/l
RT: 1.521 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU053148.D
Acq: 27 Feb 2023 11:06

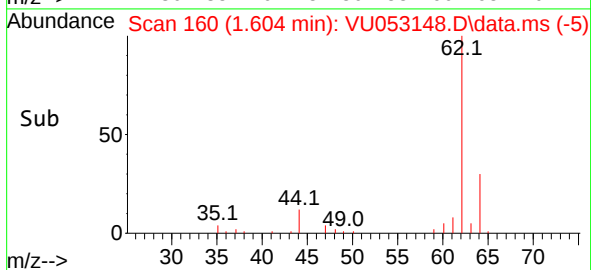
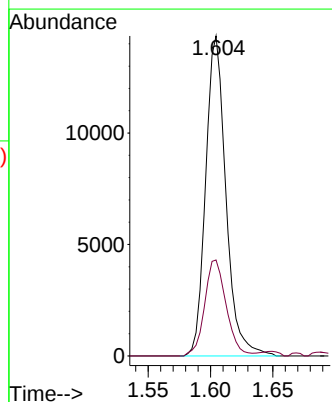
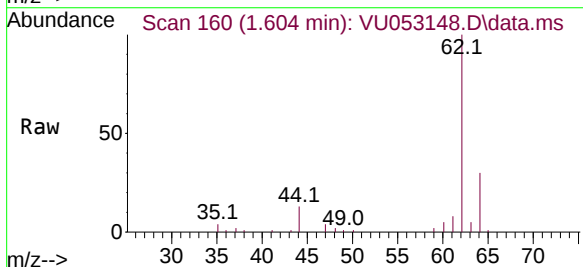
Instrument :
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ClientSampleId :
VSTDICC002

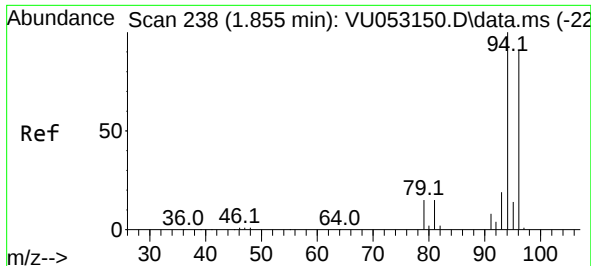
Tgt Ion: 50 Resp: 14593
Ion Ratio Lower Upper
50 100
52 32.9 26.7 40.1



#4
Vinyl Chloride
Concen: 2.182 ug/l
RT: 1.604 min Scan# 160
Delta R.T. -0.000 min
Lab File: VU053148.D
Acq: 27 Feb 2023 11:06

Tgt Ion: 62 Resp: 16241
Ion Ratio Lower Upper
62 100
64 30.0 25.8 38.6

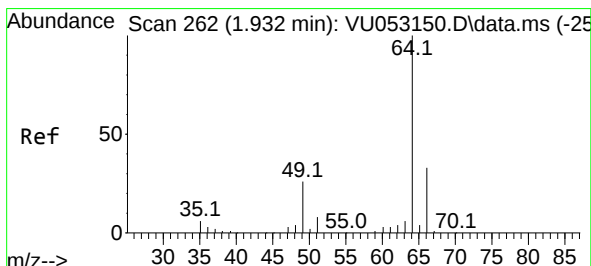
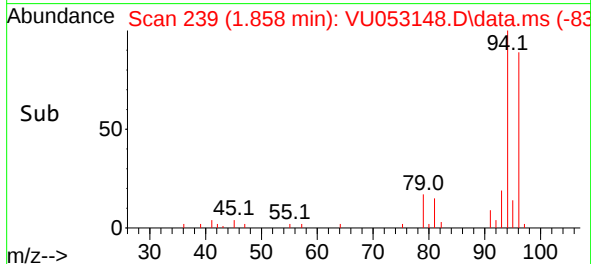
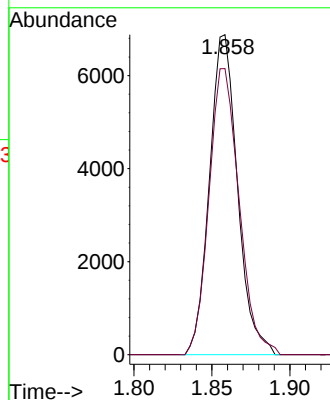
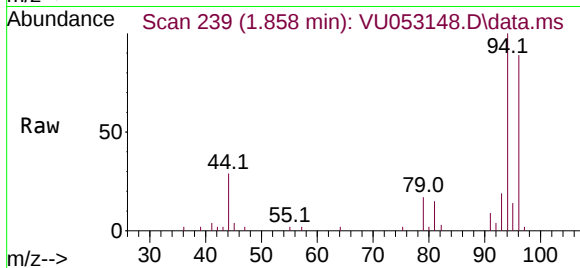




#5
Bromomethane
Concen: 2.035 ug/l
RT: 1.858 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU053148.D
Acq: 27 Feb 2023 11:06

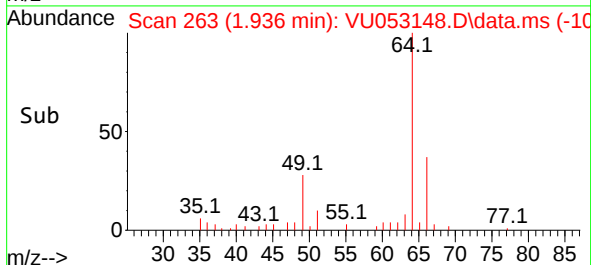
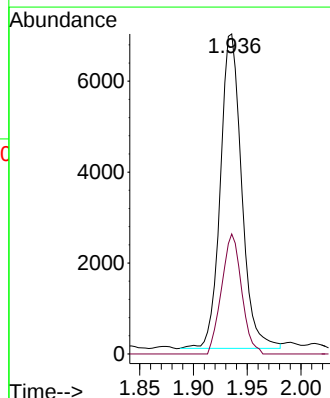
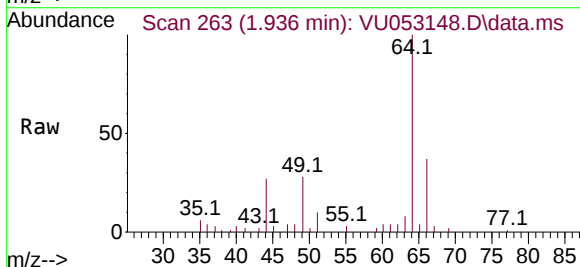
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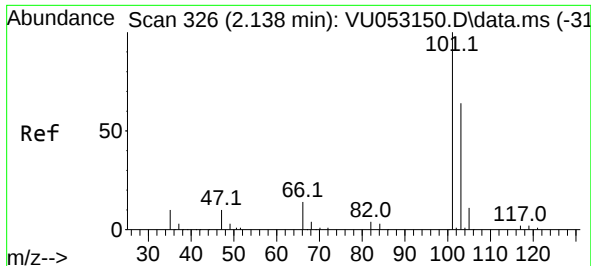
Tgt Ion: 94 Resp: 8623
Ion Ratio Lower Upper
94 100
96 89.4 72.6 108.8



#6
Chloroethane
Concen: 2.106 ug/l
RT: 1.936 min Scan# 263
Delta R.T. 0.003 min
Lab File: VU053148.D
Acq: 27 Feb 2023 11:06

Tgt Ion: 64 Resp: 9522
Ion Ratio Lower Upper
64 100
66 38.2 26.8 40.2

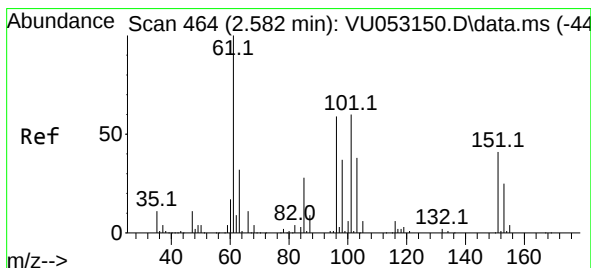
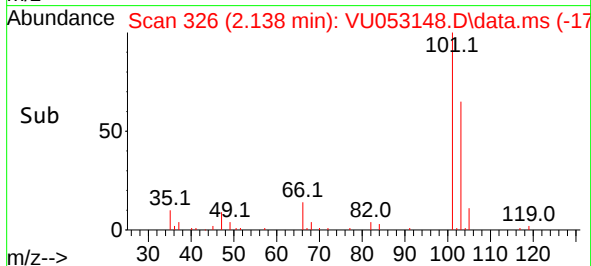
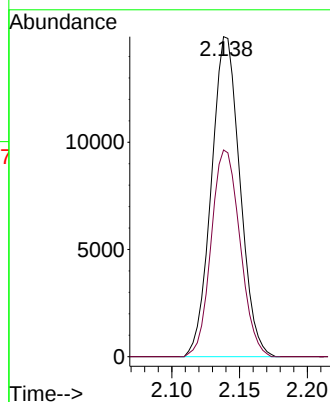
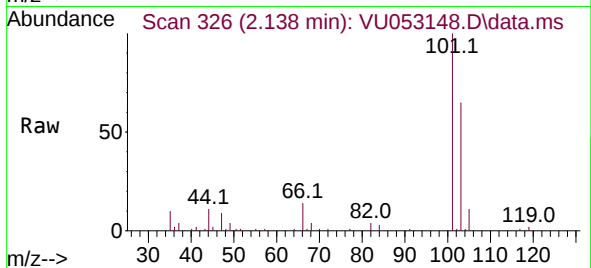




#7
 Trichlorofluoromethane
 Concen: 2.044 ug/l
 RT: 2.138 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU053148.D
 Acq: 27 Feb 2023 11:06

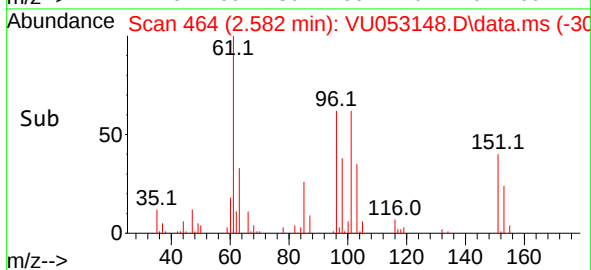
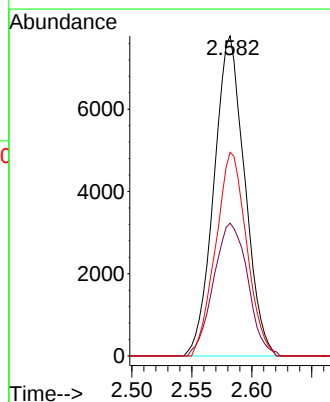
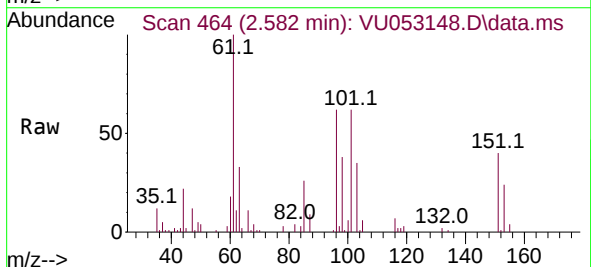
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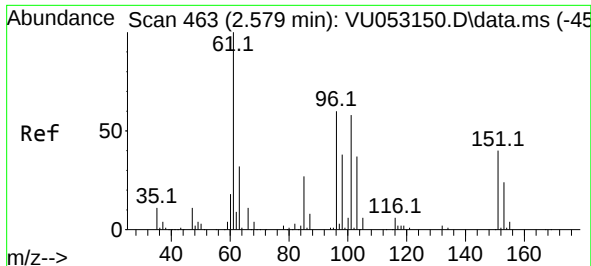
Tgt Ion:101 Resp: 21901
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.2 76.8



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.067 ug/l
 RT: 2.582 min Scan# 464
 Delta R.T. -0.000 min
 Lab File: VU053148.D
 Acq: 27 Feb 2023 11:06

Tgt Ion:101 Resp: 13847
 Ion Ratio Lower Upper
 101 100
 85 46.1 37.3 55.9
 151 64.3 52.4 78.6

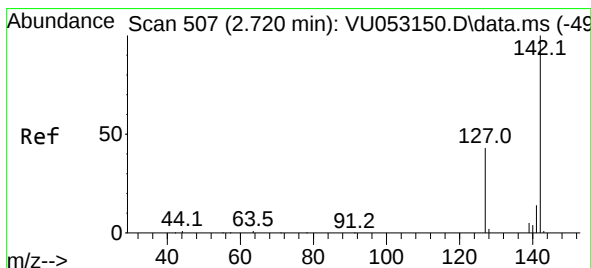
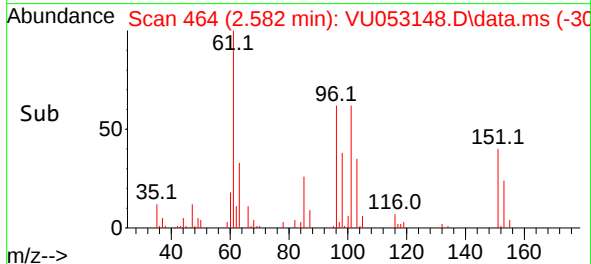
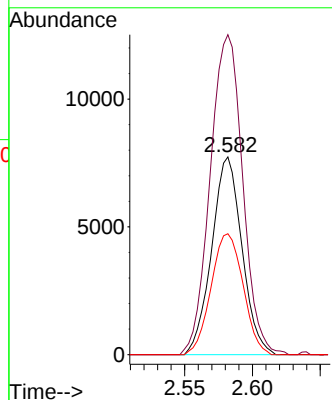
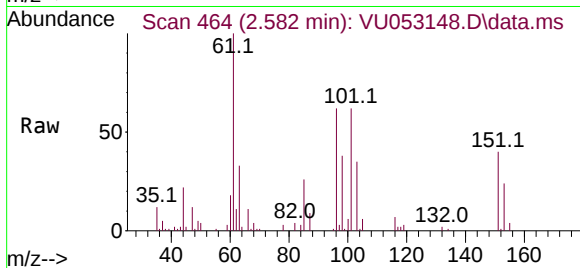




#9
1,1-Dichloroethene
Concen: 2.064 ug/l
RT: 2.582 min Scan# 464
Delta R.T. 0.003 min
Lab File: VU053148.D
Acq: 27 Feb 2023 11:06

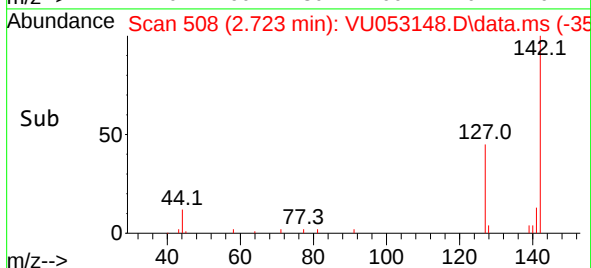
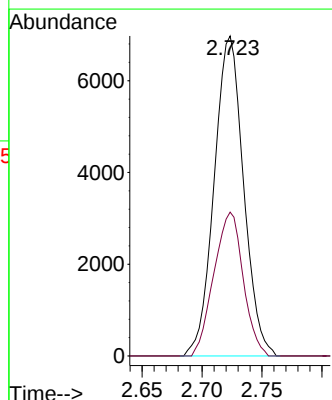
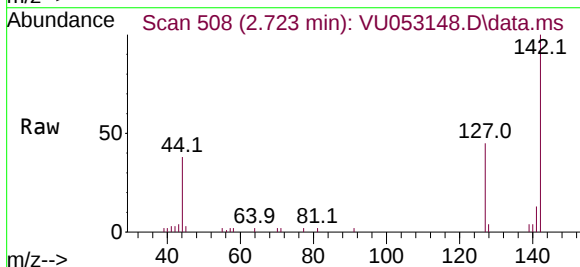
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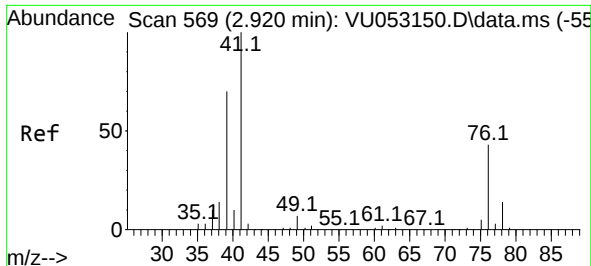
Tgt Ion: 96 Resp: 12012
Ion Ratio Lower Upper
96 100
61 161.8 0.0 502.5
98 61.2 0.0 126.2



#10
Iodomethane
Concen: 1.984 ug/l
RT: 2.723 min Scan# 508
Delta R.T. 0.003 min
Lab File: VU053148.D
Acq: 27 Feb 2023 11:06

Tgt Ion: 142 Resp: 11878
Ion Ratio Lower Upper
142 100
127 44.7 35.8 53.8

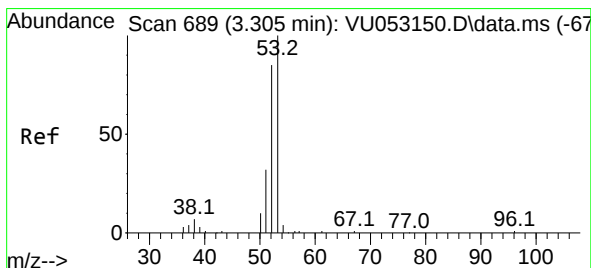
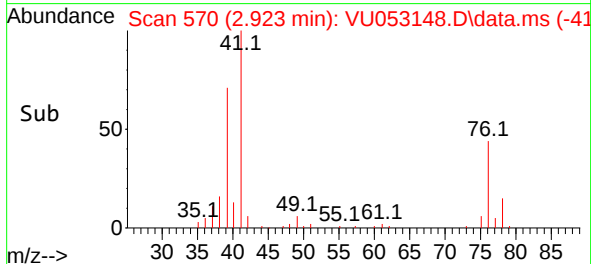
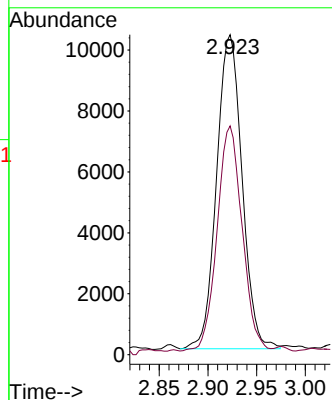
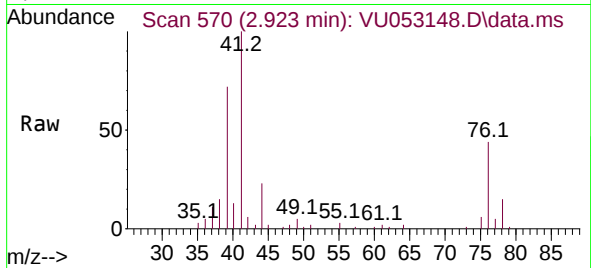




#11
 Allyl Chloride
 Concen: 2.066 ug/l
 RT: 2.923 min Scan# 51
 Delta R.T. 0.003 min
 Lab File: VU053148.D
 Acq: 27 Feb 2023 11:06

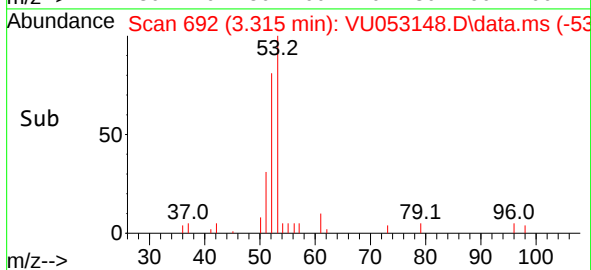
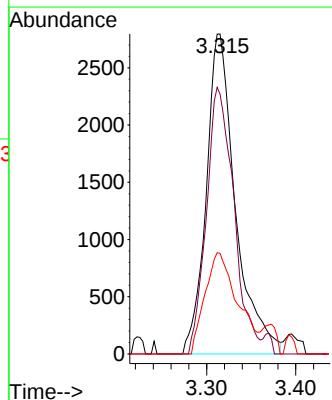
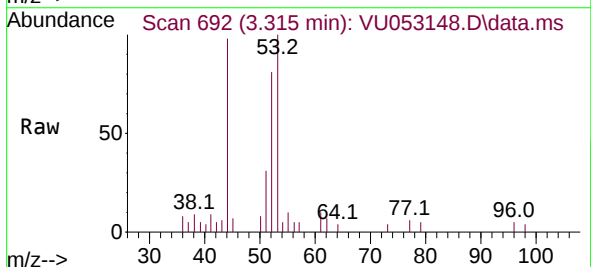
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

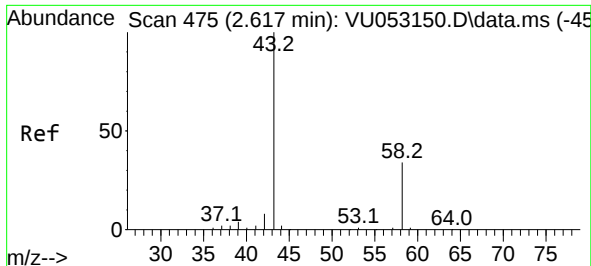
Tgt Ion: 41 Resp: 18768
 Ion Ratio Lower Upper
 41 100
 39 70.8 55.3 82.9



#12
 Acrylonitrile
 Concen: 4.267 ug/l
 RT: 3.315 min Scan# 692
 Delta R.T. 0.010 min
 Lab File: VU053148.D
 Acq: 27 Feb 2023 11:06

Tgt Ion: 53 Resp: 6372
 Ion Ratio Lower Upper
 53 100
 52 78.2 65.9 98.9
 51 35.1 31.8 47.8





#13

Acetone

Concen: 8.795 ug/l

RT: 2.630 min Scan# 41

Delta R.T. 0.013 min

Lab File: VU053148.D

Acq: 27 Feb 2023 11:06

Instrument :

MSVOA_U

ClientSampleId :

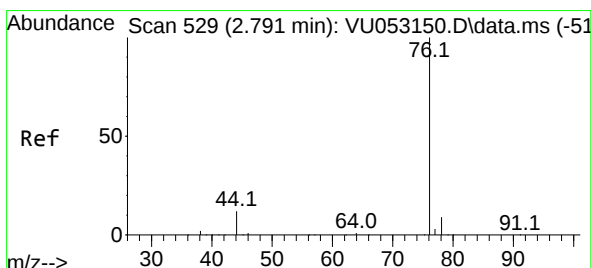
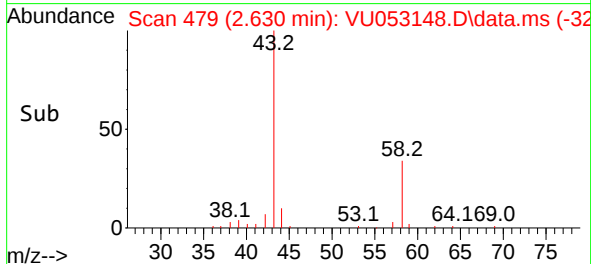
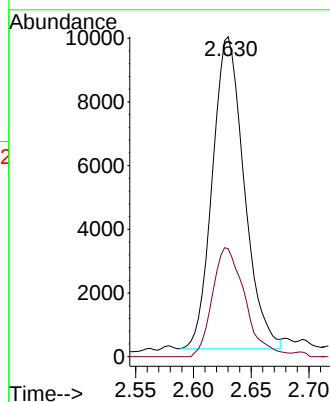
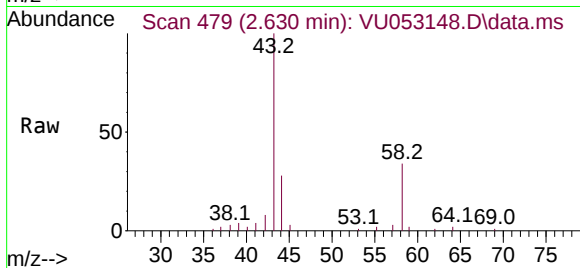
VSTDIC002

Tgt Ion: 43 Resp: 18734

Ion Ratio Lower Upper

43 100

58 34.6 27.2 40.8



#14

Carbon Disulfide

Concen: 2.058 ug/l

RT: 2.794 min Scan# 530

Delta R.T. 0.003 min

Lab File: VU053148.D

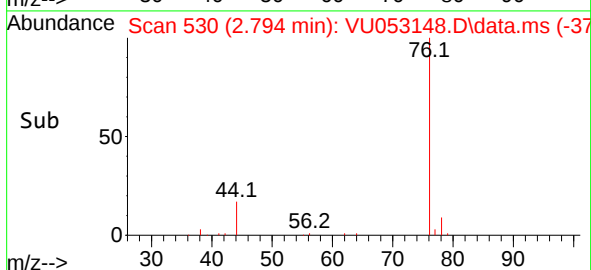
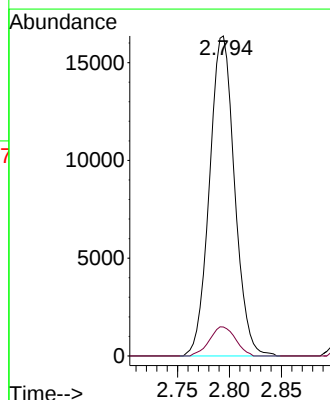
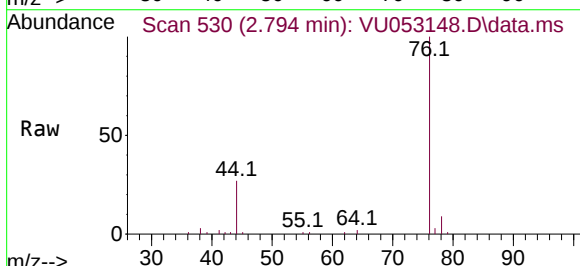
Acq: 27 Feb 2023 11:06

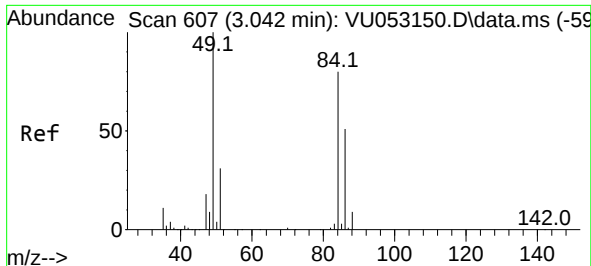
Tgt Ion: 76 Resp: 27478

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8

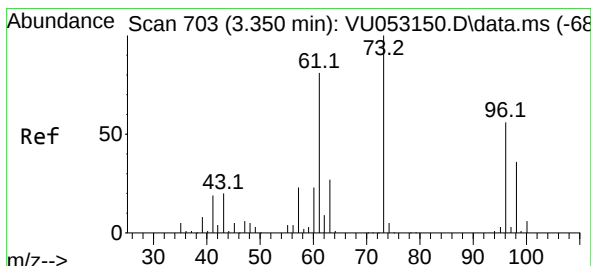
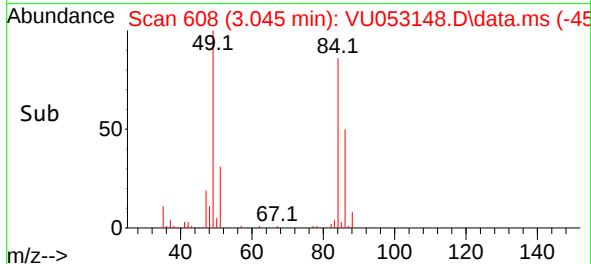
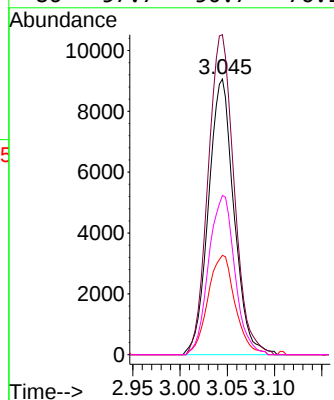
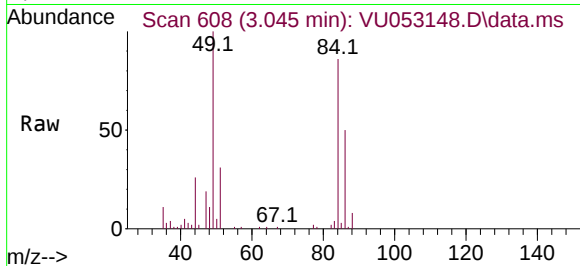




#15
Methylene Chloride
Concen: 2.043 ug/l
RT: 3.045 min Scan# 607
Delta R.T. 0.003 min
Lab File: VU053148.D
Acq: 27 Feb 2023 11:06

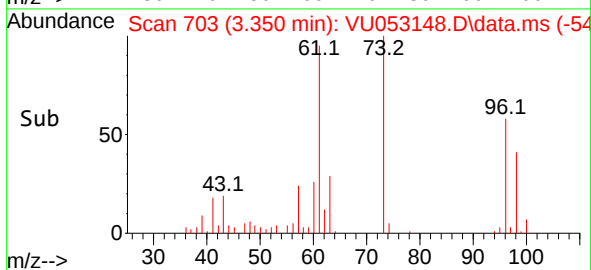
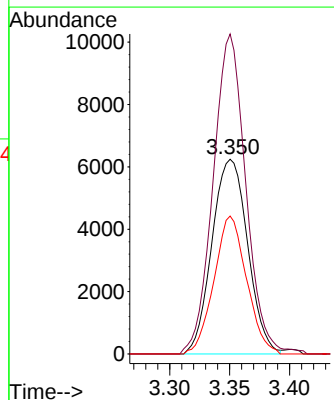
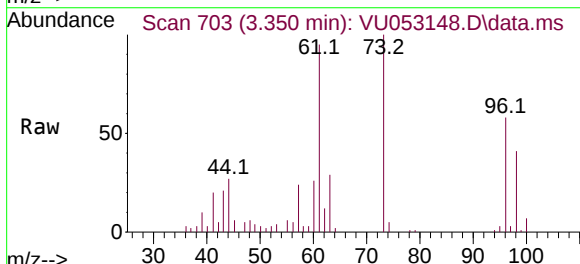
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

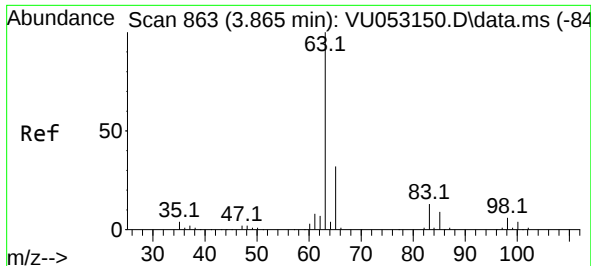
Tgt Ion: 84	Resp: 16991		
Ion	Ratio	Lower	Upper
84	100		
49	116.1	99.5	149.3
51	36.1	0.0	76.8
86	57.7	50.7	76.1



#16
trans-1,2-Dichloroethene
Concen: 2.024 ug/l
RT: 3.350 min Scan# 703
Delta R.T. -0.000 min
Lab File: VU053148.D
Acq: 27 Feb 2023 11:06

Tgt Ion: 96	Resp: 12947		
Ion Ratio	Lower	Upper	
96	100		
61	164.3	116.1	174.1
98	70.8	51.4	77.2

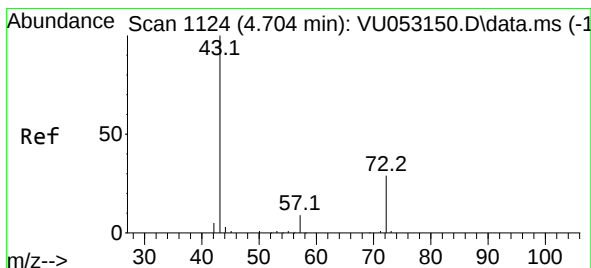
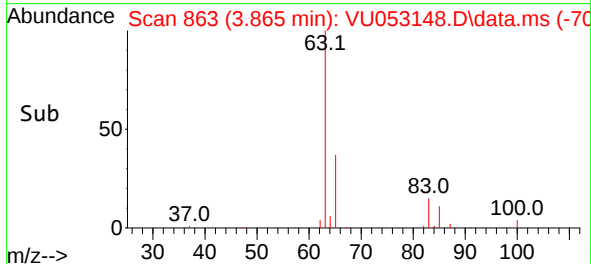
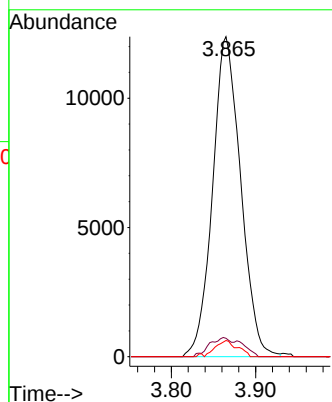
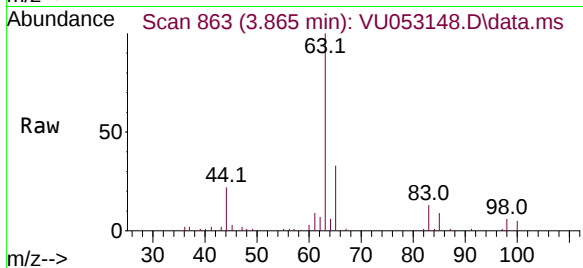




#17
1,1-Dichloroethane
Concen: 2.047 ug/l
RT: 3.865 min Scan# 863
Delta R.T. -0.000 min
Lab File: VU053148.D
Acq: 27 Feb 2023 11:06

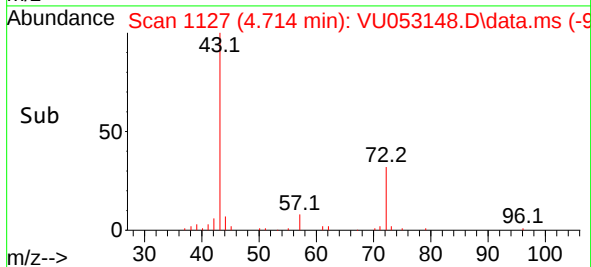
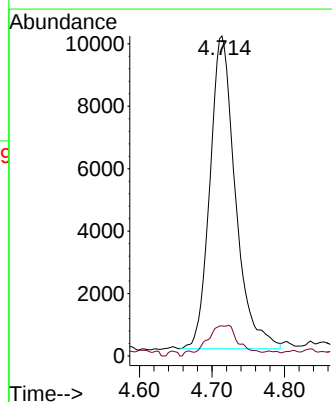
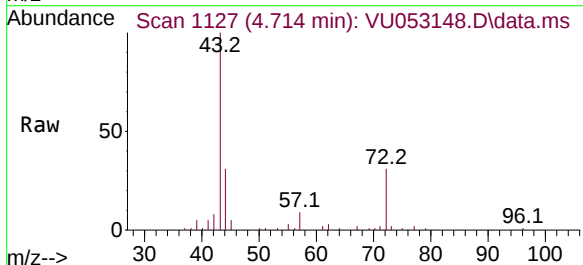
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

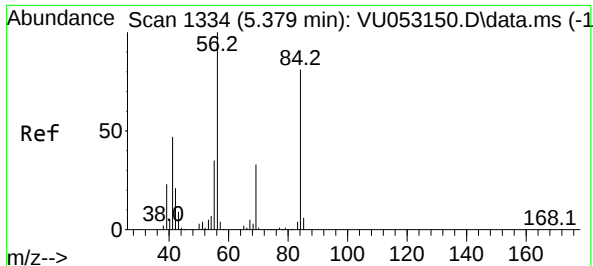
Tgt Ion: 63 Resp: 28653
Ion Ratio Lower Upper
63 100
98 5.8 3.1 9.4
100 5.1 2.1 6.2



#18
2-Butanone
Concen: 9.571 ug/l
RT: 4.714 min Scan# 1127
Delta R.T. 0.010 min
Lab File: VU053148.D
Acq: 27 Feb 2023 11:06

Tgt Ion: 43 Resp: 24478
Ion Ratio Lower Upper
43 100
57 9.6 0.0 17.6





#19

Cyclohexane

Concen: 1.914 ug/l

RT: 5.379 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU053148.D

Acq: 27 Feb 2023 11:06

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

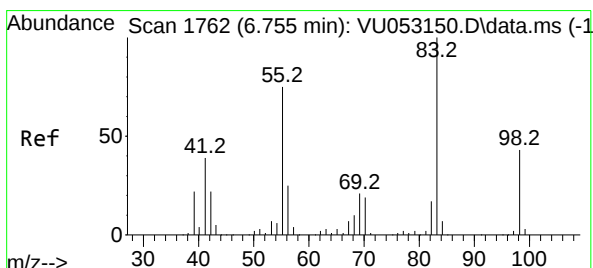
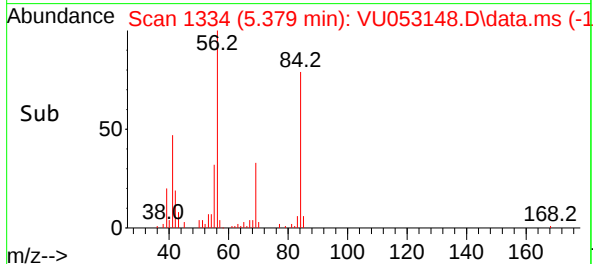
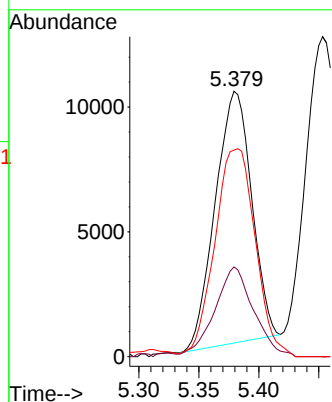
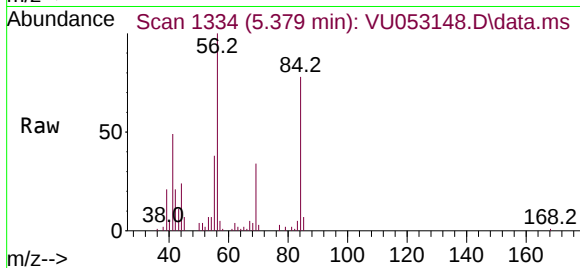
Tgt Ion: 56 Resp: 21364

Ion Ratio Lower Upper

56 100

69 36.4 26.1 39.1

84 90.0 64.7 97.1



#20

Methylcyclohexane

Concen: 2.076 ug/l

RT: 6.755 min Scan# 1762

Delta R.T. -0.000 min

Lab File: VU053148.D

Acq: 27 Feb 2023 11:06

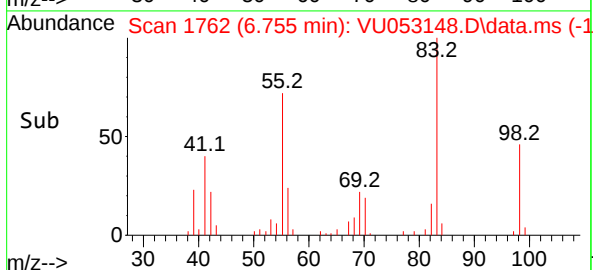
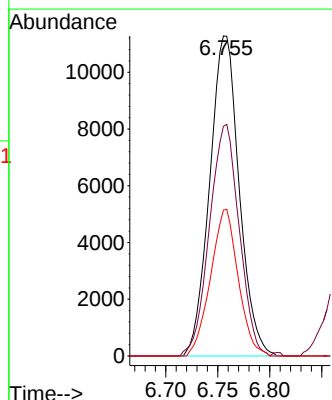
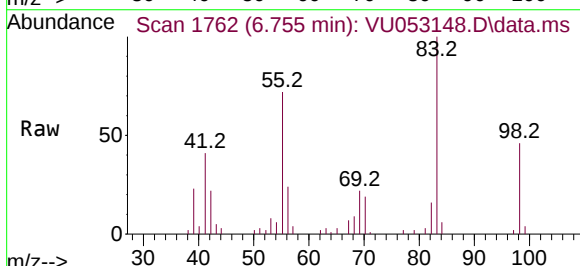
Tgt Ion: 83 Resp: 22270

Ion Ratio Lower Upper

83 100

55 72.8 60.2 90.2

98 43.0 33.9 50.9





#21

2,2-Dichloropropane

Concen: 2.054 ug/l

RT: 4.659 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VU053148.D

Acq: 27 Feb 2023 11:06

Instrument :

MSVOA_U

ClientSampleId :

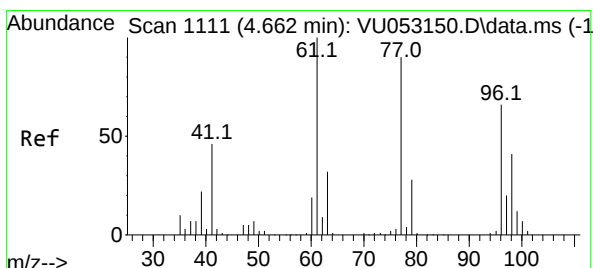
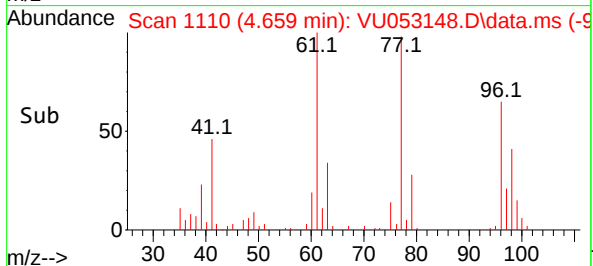
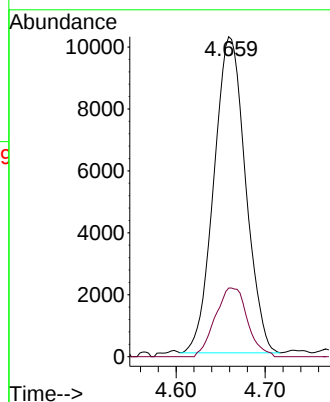
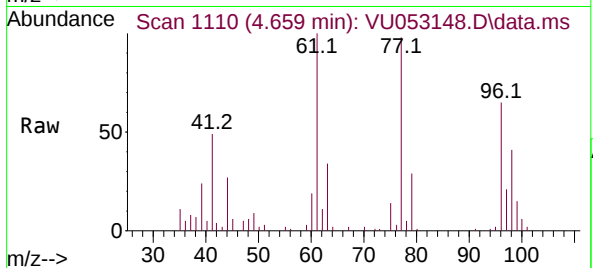
VSTDIC002

Tgt Ion: 77 Resp: 25189

Ion Ratio Lower Upper

77 100

97 22.1 17.9 26.9



#22

cis-1,2-Dichloroethene

Concen: 2.021 ug/l

RT: 4.662 min Scan# 1111

Delta R.T. -0.000 min

Lab File: VU053148.D

Acq: 27 Feb 2023 11:06

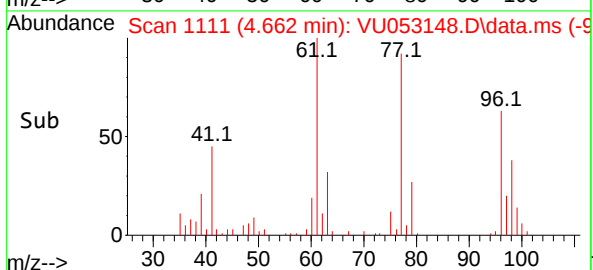
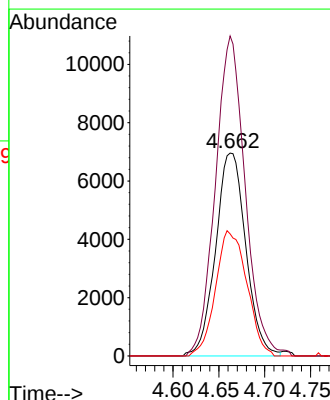
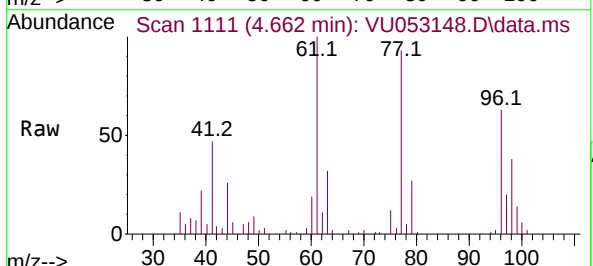
Tgt Ion: 96 Resp: 15955

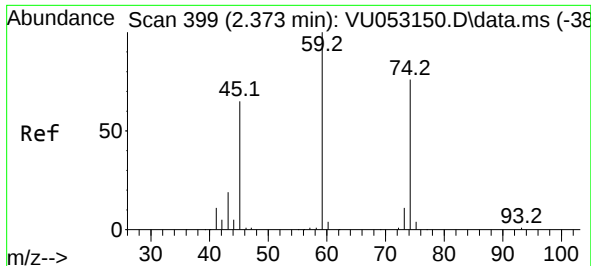
Ion Ratio Lower Upper

96 100

61 155.4 0.0 390.5

98 63.8 31.9 95.9





#23

Diethyl Ether

Concen: 2.072 ug/l

RT: 2.376 min Scan# 40

Delta R.T. 0.003 min

Lab File: VU053148.D

Acq: 27 Feb 2023 11:06

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

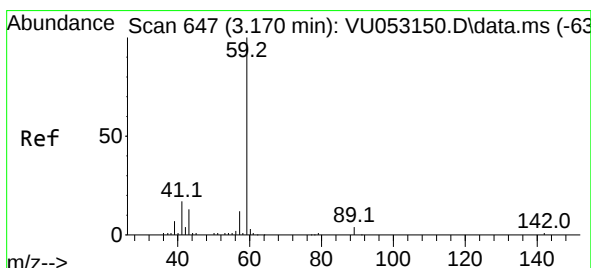
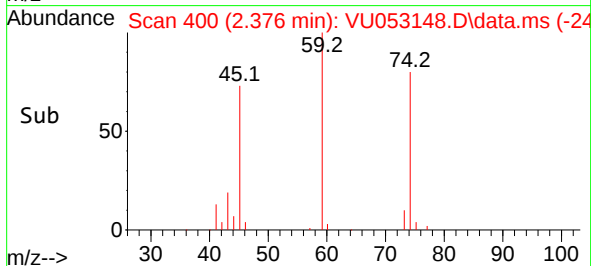
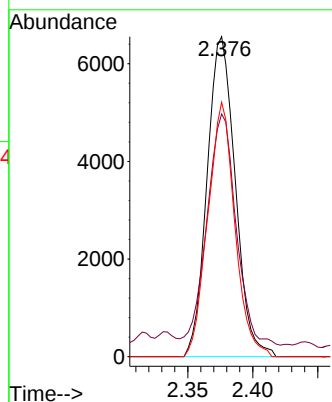
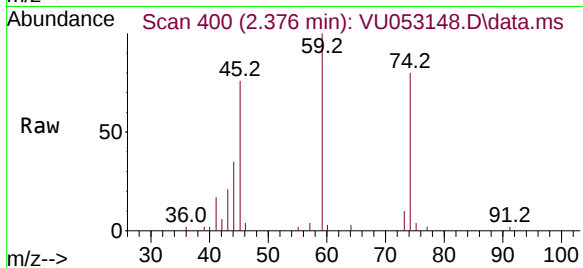
Tgt Ion: 59 Resp: 9865

Ion Ratio Lower Upper

59 100

45 74.5 54.2 81.2

74 76.4 60.4 90.6



#24

tert-Butyl Alcohol

Concen: 20.200 ug/l

RT: 3.196 min Scan# 655

Delta R.T. 0.026 min

Lab File: VU053148.D

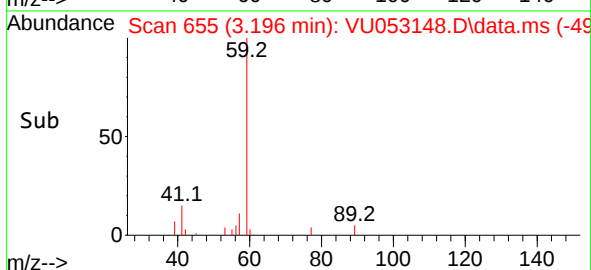
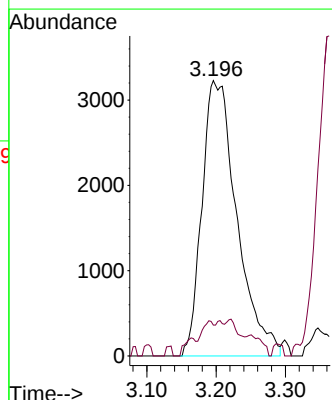
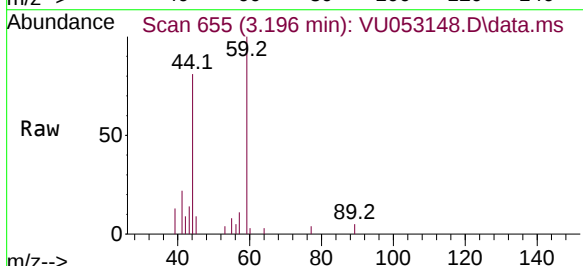
Acq: 27 Feb 2023 11:06

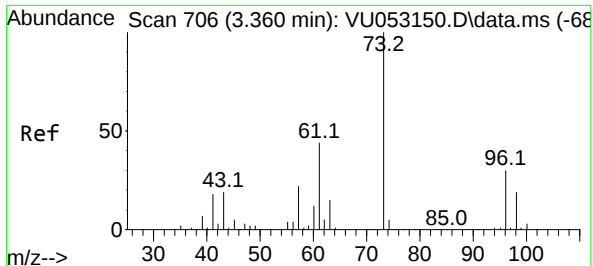
Tgt Ion: 59 Resp: 11299

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#

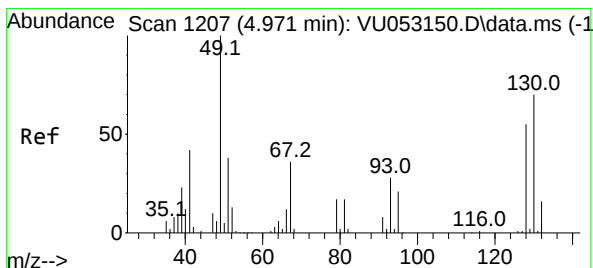
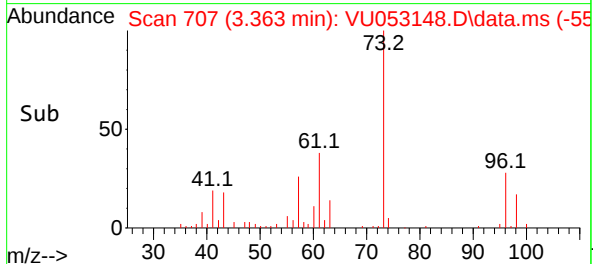
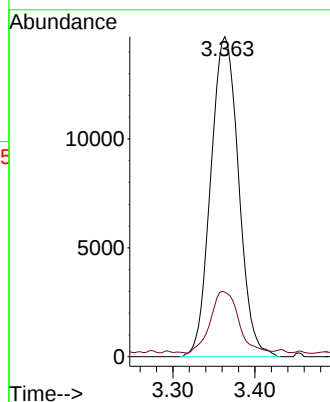
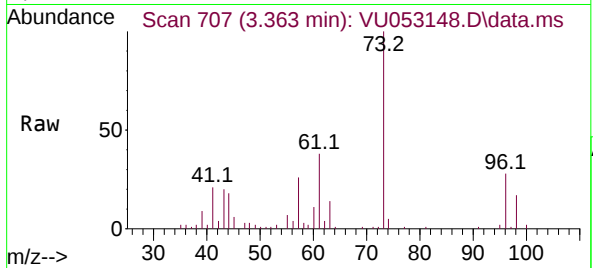




#25
Methyl tert-Butyl Ether
Concen: 2.052 ug/l
RT: 3.363 min Scan# 706
Delta R.T. 0.003 min
Lab File: VU053148.D
Acq: 27 Feb 2023 11:06

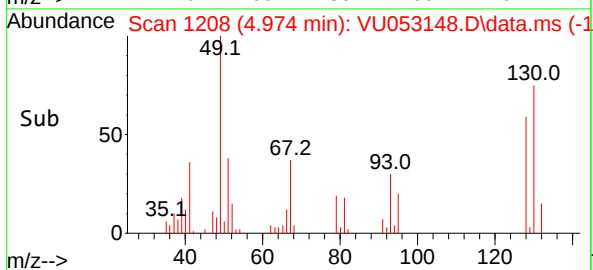
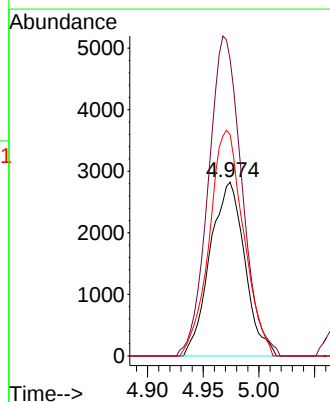
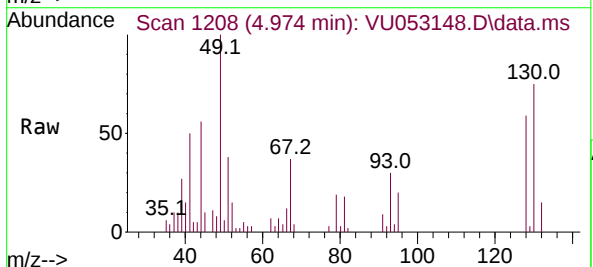
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion: 73 Resp: 34719
Ion Ratio Lower Upper
73 100
43 19.6 15.0 22.6



#26
Bromochloromethane
Concen: 2.008 ug/l
RT: 4.974 min Scan# 1208
Delta R.T. 0.003 min
Lab File: VU053148.D
Acq: 27 Feb 2023 11:06

Tgt Ion: 128 Resp: 6131
Ion Ratio Lower Upper
128 100
49 177.3 0.0 376.8
130 128.3 104.8 157.2





#27

Chloroform

Concen: 2.017 ug/l

RT: 5.083 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU053148.D

Acq: 27 Feb 2023 11:06

Instrument :

MSVOA_U

ClientSampleId :

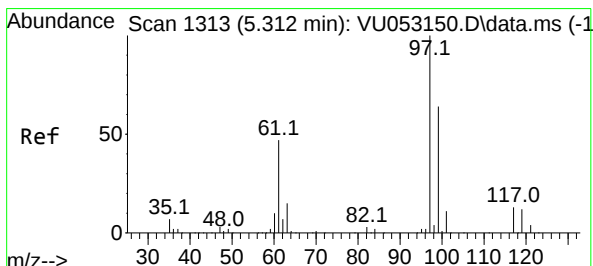
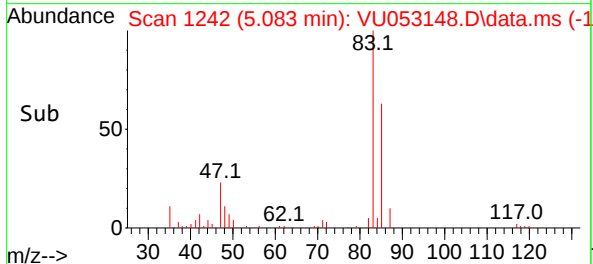
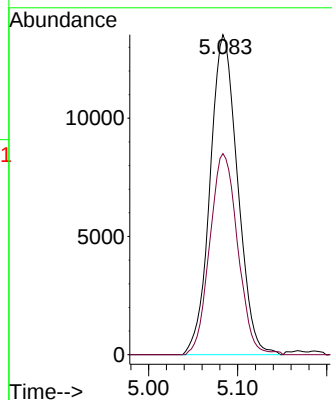
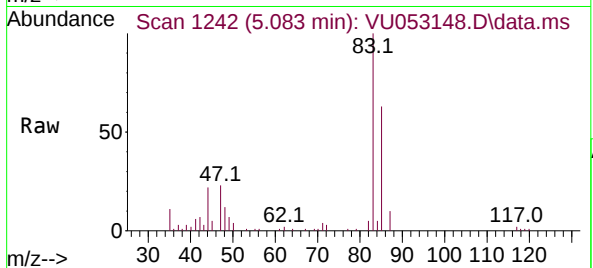
VSTDICC002

Tgt Ion: 83 Resp: 29088

Ion Ratio Lower Upper

83 100

85 62.9 0.0 129.2



#28

1,1,1-Trichloroethane

Concen: 2.120 ug/l

RT: 5.312 min Scan# 1313

Delta R.T. -0.000 min

Lab File: VU053148.D

Acq: 27 Feb 2023 11:06

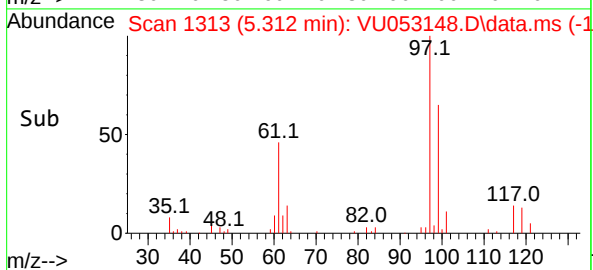
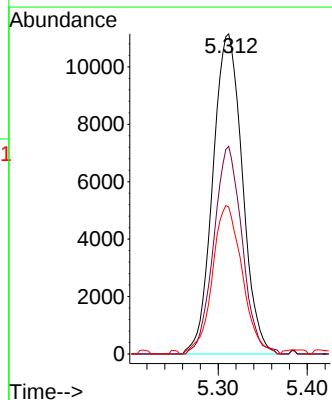
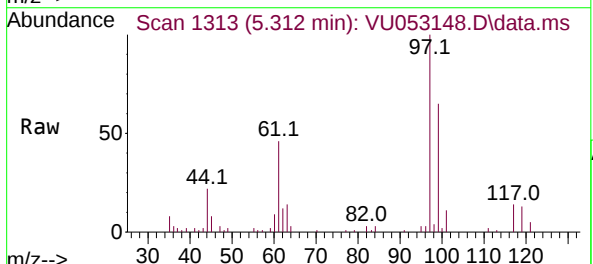
Tgt Ion: 97 Resp: 25678

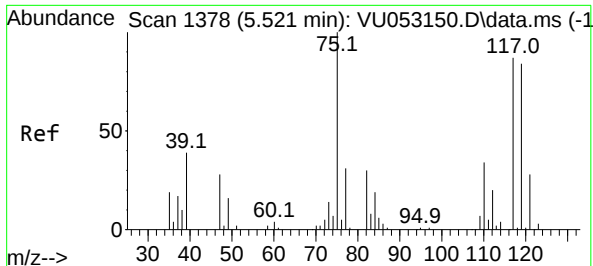
Ion Ratio Lower Upper

97 100

99 62.3 31.6 94.8

61 46.8 23.9 71.7





#29

1,1-Dichloropropene

Concen: 2.086 ug/l

RT: 5.517 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU053148.D

Acq: 27 Feb 2023 11:06

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

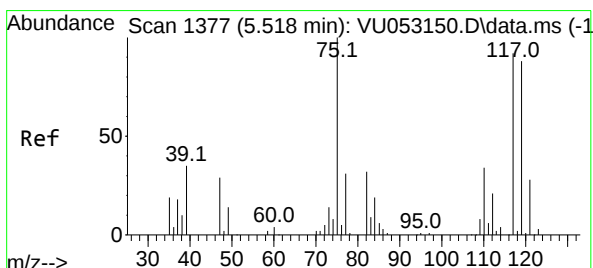
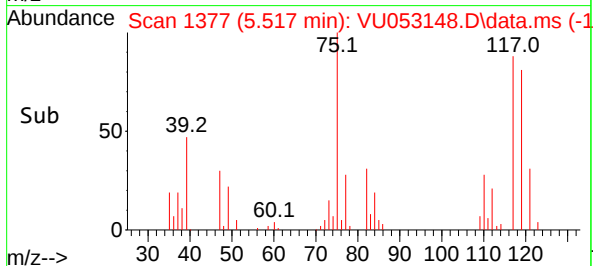
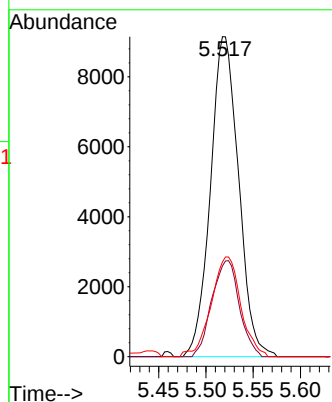
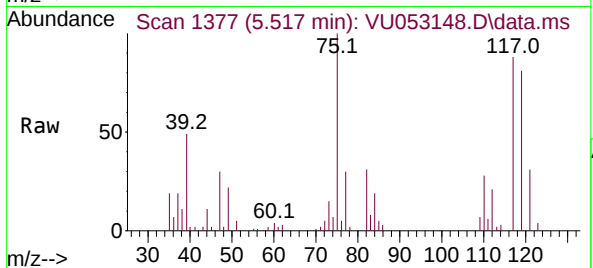
Tgt Ion: 75 Resp: 18936

Ion Ratio Lower Upper

75 100

110 29.3 16.3 48.8

77 32.7 24.9 37.3



#30

Carbon Tetrachloride

Concen: 2.057 ug/l

RT: 5.521 min Scan# 1378

Delta R.T. 0.003 min

Lab File: VU053148.D

Acq: 27 Feb 2023 11:06

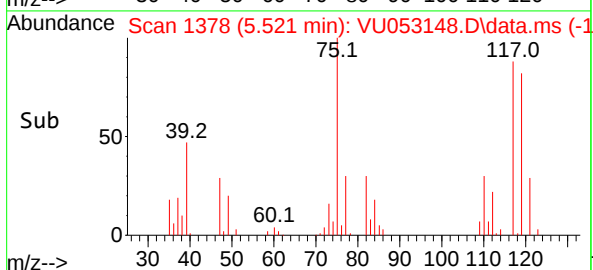
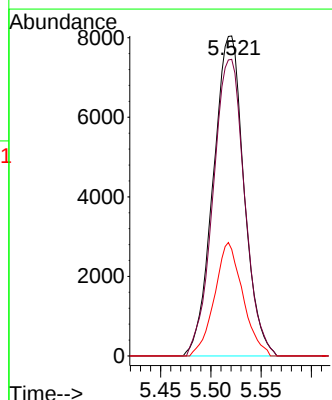
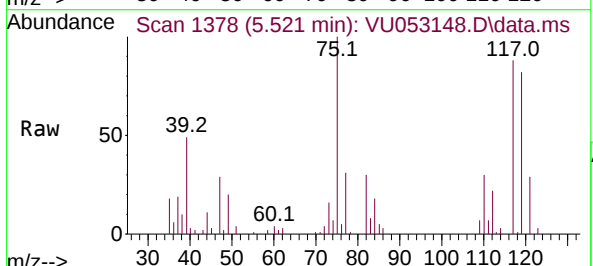
Tgt Ion: 117 Resp: 17153

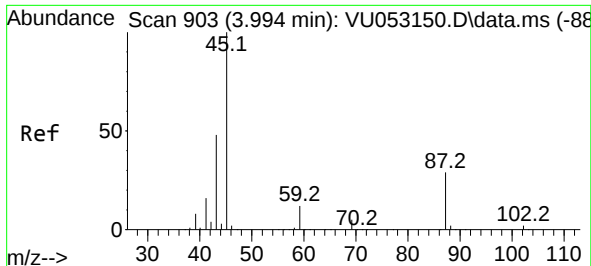
Ion Ratio Lower Upper

117 100

119 92.7 76.2 114.2

121 33.3 24.6 36.8

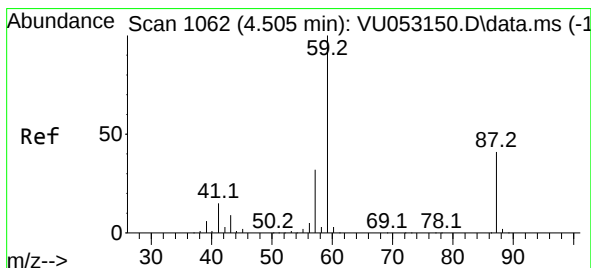
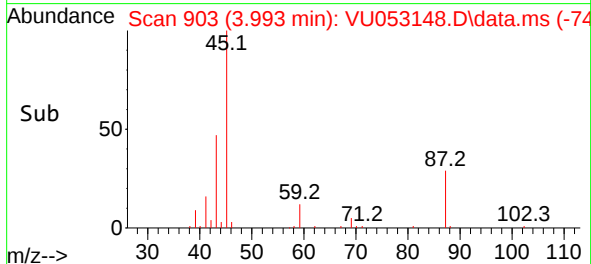
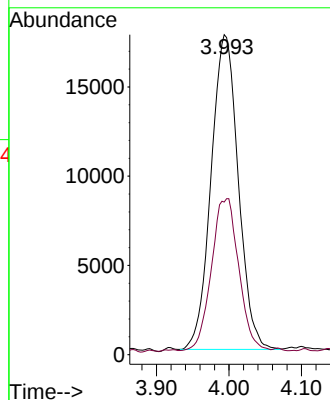
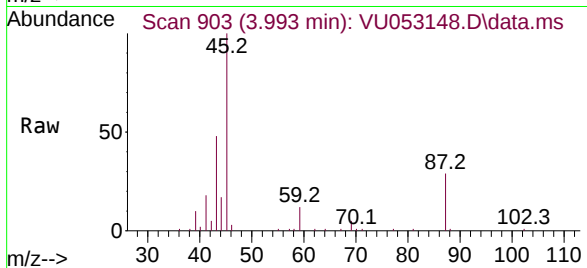




#31
Isopropyl Ether
Concen: 2.057 ug/l
RT: 3.993 min Scan# 903
Delta R.T. -0.000 min
Lab File: VU053148.D
Acq: 27 Feb 2023 11:06

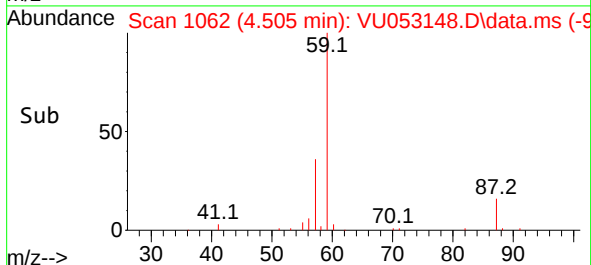
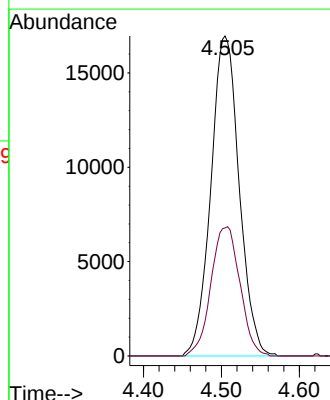
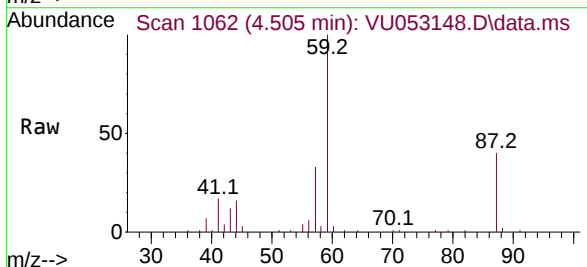
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

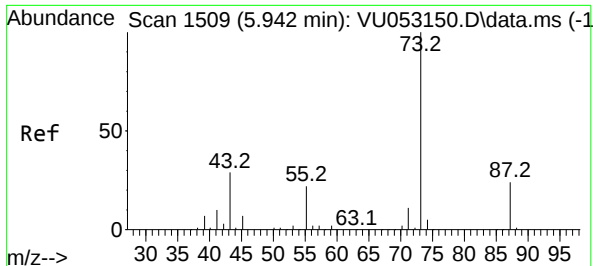
Tgt Ion: 45 Resp: 45935
Ion Ratio Lower Upper
45 100
43 48.4 24.4 73.2



#32
Ethyl-t-butyl ether
Concen: 2.022 ug/l
RT: 4.505 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VU053148.D
Acq: 27 Feb 2023 11:06

Tgt Ion: 59 Resp: 42791
Ion Ratio Lower Upper
59 100
87 41.3 32.5 48.7

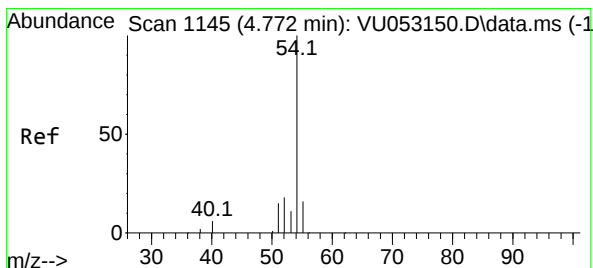
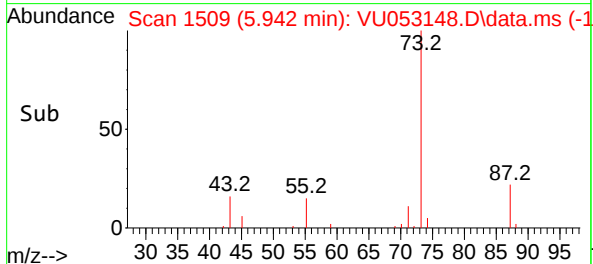
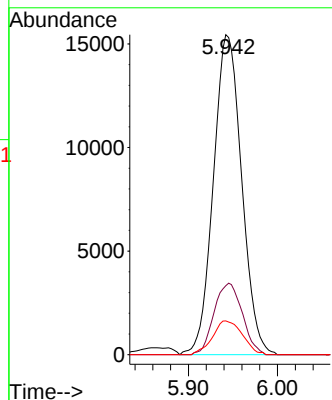
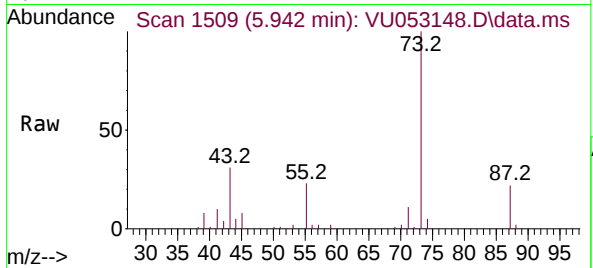




#33
Tert-Amyl methyl ether
Concen: 2.028 ug/l
RT: 5.942 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VU053148.D
Acq: 27 Feb 2023 11:06

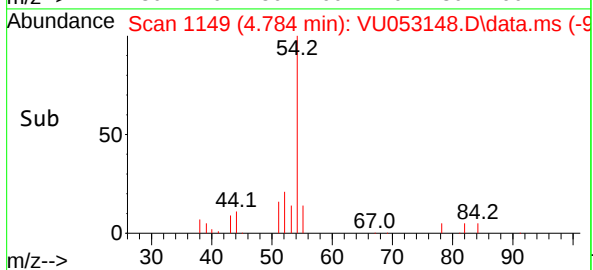
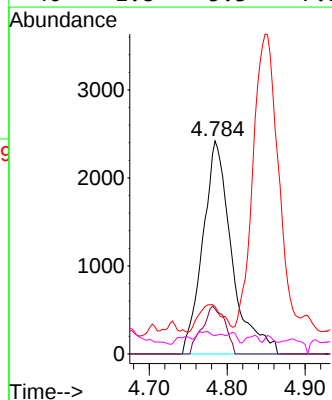
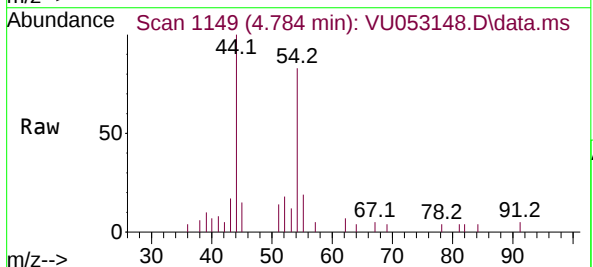
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

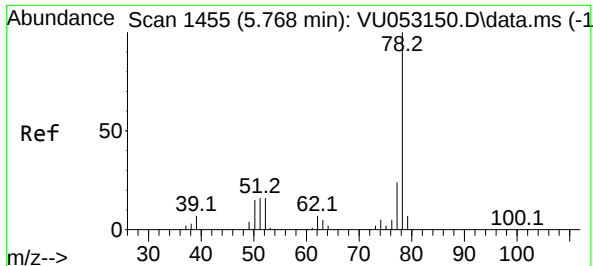
Tgt Ion: 73	Resp: 34048
Ion Ratio	Lower Upper
73	100
87	22.3 19.0 28.4
71	11.2 9.2 13.8



#34
Propionitrile
Concen: 10.485 ug/l
RT: 4.784 min Scan# 1149
Delta R.T. 0.013 min
Lab File: VU053148.D
Acq: 27 Feb 2023 11:06

Tgt Ion: 54	Resp: 6238
Ion Ratio	Lower Upper
54	100
52	17.7 16.5 24.7
55	10.6 11.4 17.2#
40	1.8 5.3 7.9#





#35

Benzene

Concen: 2.096 ug/l

RT: 5.768 min Scan# 1455

Delta R.T. -0.000 min

Lab File: VU053148.D

Acq: 27 Feb 2023 11:06

Instrument :

MSVOA_U

ClientSampleId :

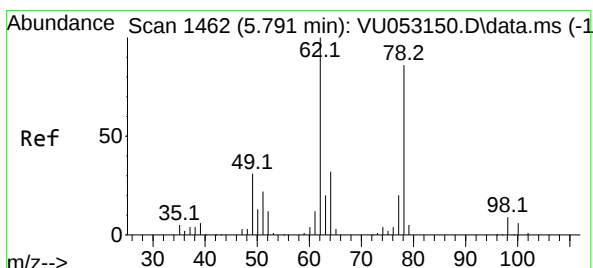
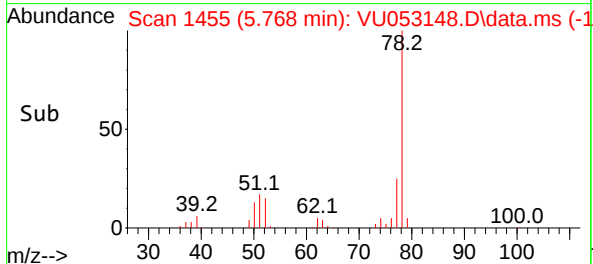
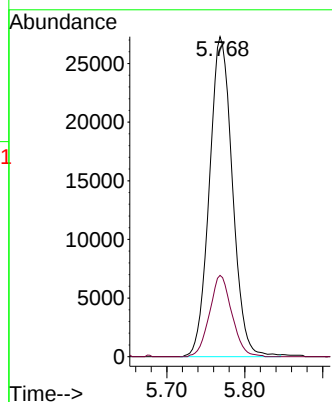
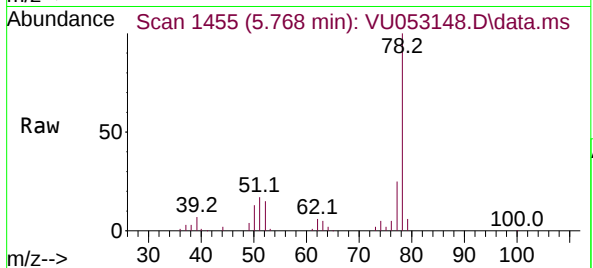
VSTDIC002

Tgt Ion: 78 Resp: 56152

Ion Ratio Lower Upper

78 100

77 25.4 18.9 28.3



#36

1,2-Dichloroethane

Concen: 2.034 ug/l

RT: 5.794 min Scan# 1463

Delta R.T. 0.003 min

Lab File: VU053148.D

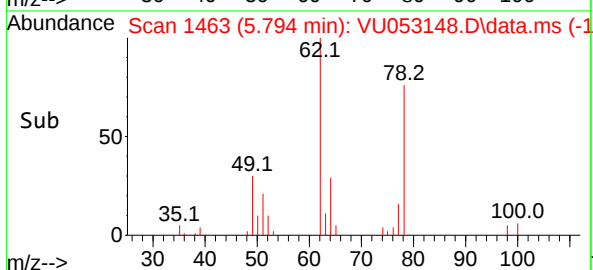
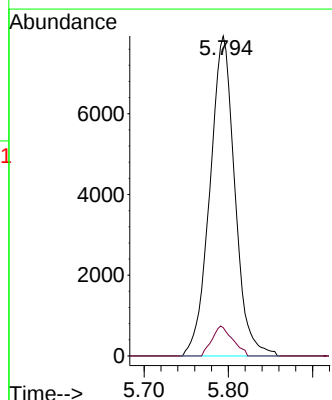
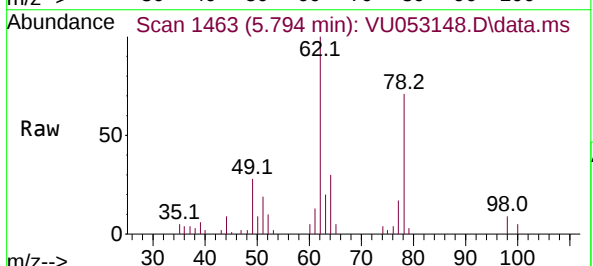
Acq: 27 Feb 2023 11:06

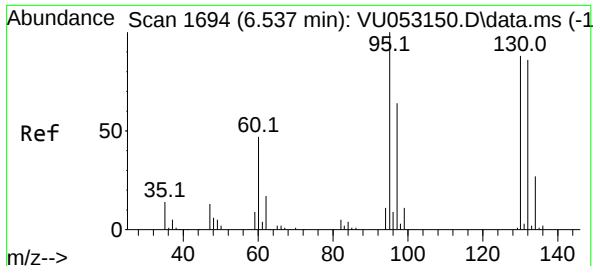
Tgt Ion: 62 Resp: 16291

Ion Ratio Lower Upper

62 100

98 7.7 7.0 10.4





#37

Trichloroethene

Concen: 2.093 ug/l

RT: 6.540 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU053148.D

Acq: 27 Feb 2023 11:06

Instrument :

MSVOA_U

ClientSampleId :

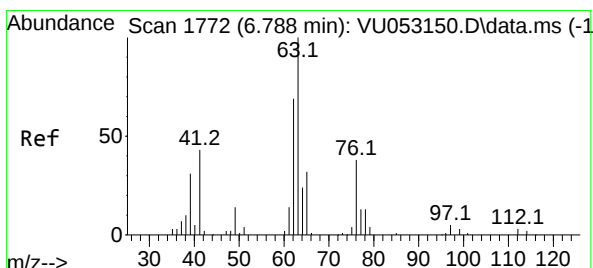
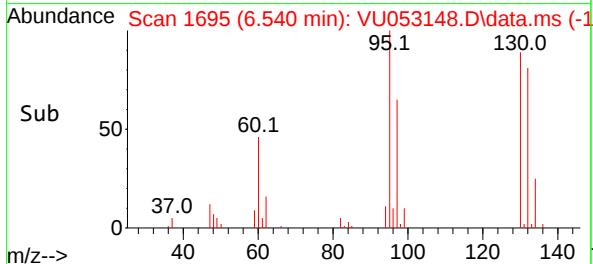
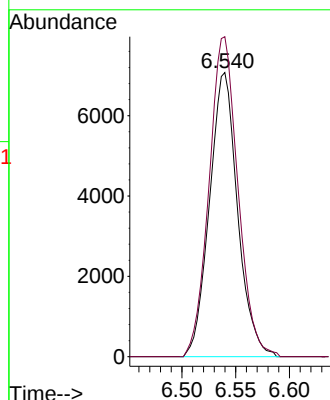
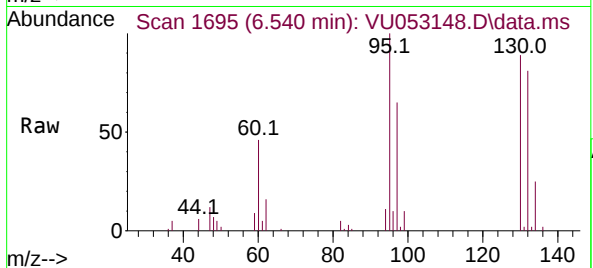
VSTDIC002

Tgt Ion:130 Resp: 12868

Ion Ratio Lower Upper

130 100

95 112.6 91.1 136.7



#38

1,2-Dichloropropane

Concen: 2.099 ug/l

RT: 6.791 min Scan# 1773

Delta R.T. 0.003 min

Lab File: VU053148.D

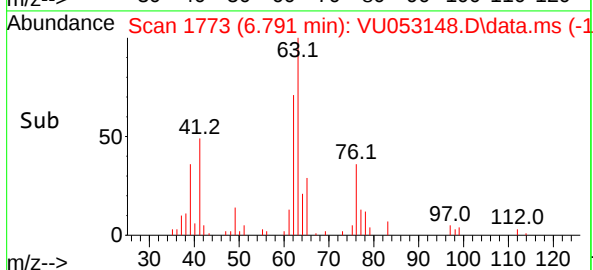
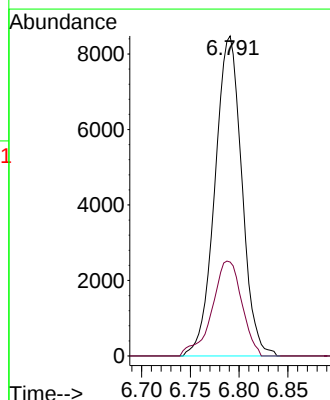
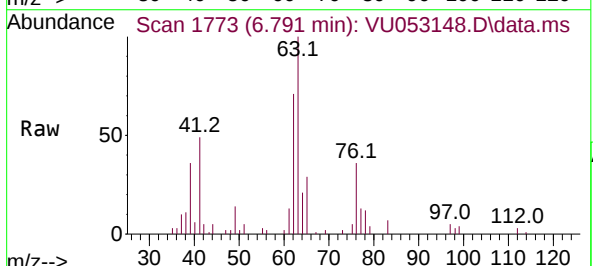
Acq: 27 Feb 2023 11:06

Tgt Ion: 63 Resp: 16264

Ion Ratio Lower Upper

63 100

65 29.4 25.5 38.3





#39

Methacrylonitrile

Concen: 1.945 ug/l

RT: 4.977 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU053148.D

Acq: 27 Feb 2023 11:06

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

Tgt Ion: 41 Resp: 4946

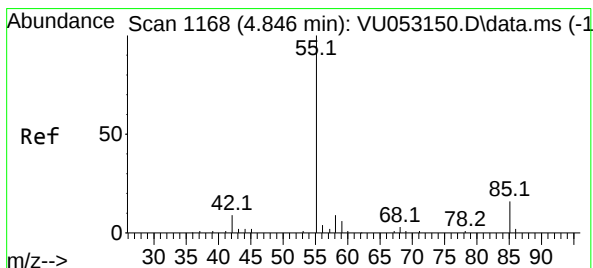
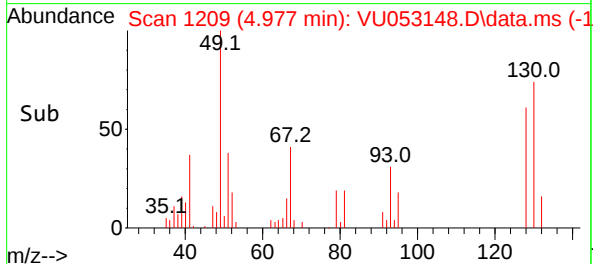
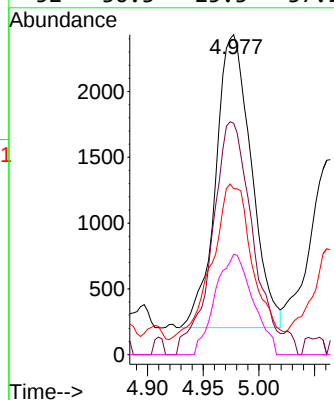
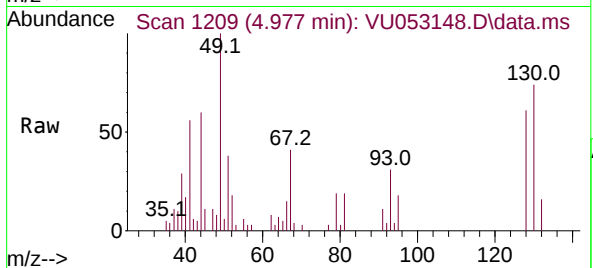
Ion Ratio Lower Upper

41 100

67 91.8 67.1 100.7

39 59.7 42.6 64.0

52 36.3 25.3 37.9



#40

Methyl acrylate

Concen: 1.870 ug/l

RT: 4.849 min Scan# 1169

Delta R.T. 0.003 min

Lab File: VU053148.D

Acq: 27 Feb 2023 11:06

Tgt Ion: 55 Resp: 7337

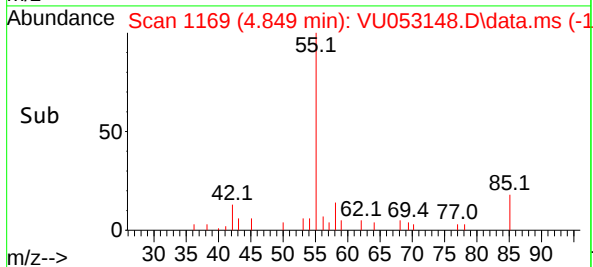
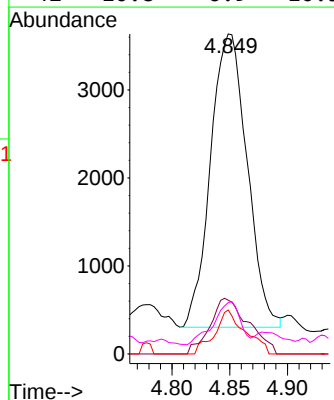
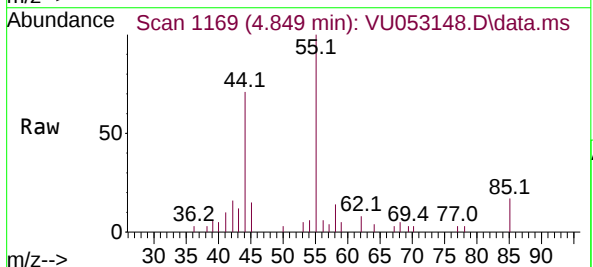
Ion Ratio Lower Upper

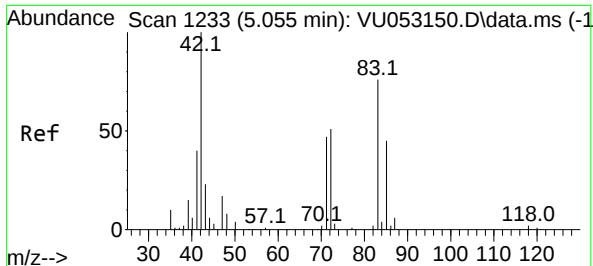
55 100

85 19.9 13.5 20.3

58 12.4 7.3 10.9#

42 10.8 6.9 10.3#

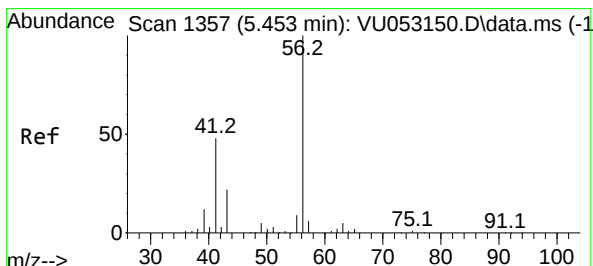
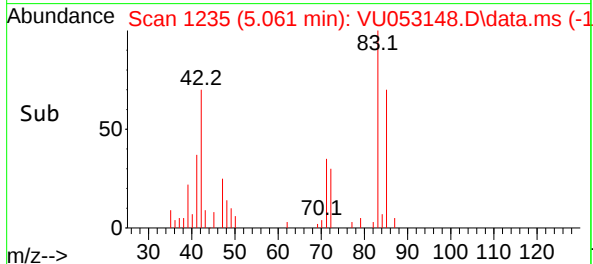
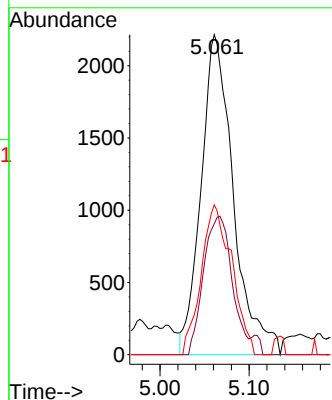
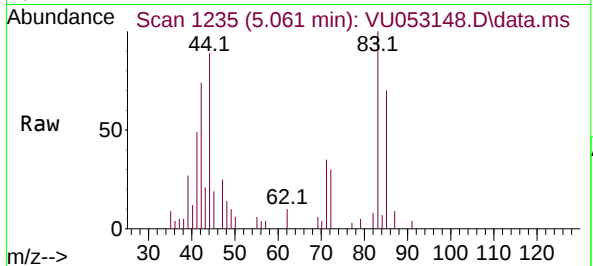




#41
Tetrahydrofuran
Concen: 4.487 ug/l
RT: 5.061 min Scan# 1235
Delta R.T. 0.006 min
Lab File: VU053148.D
Acq: 27 Feb 2023 11:06

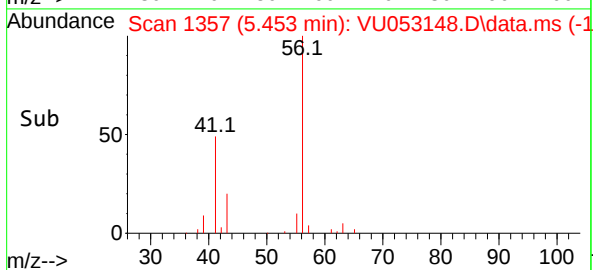
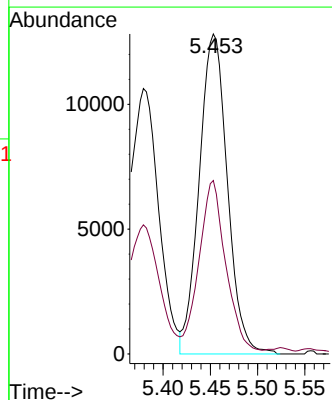
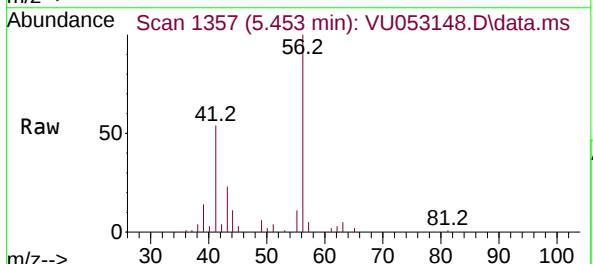
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

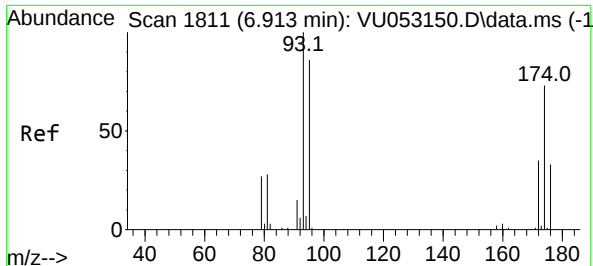
Tgt Ion: 42 Resp: 5583
Ion Ratio Lower Upper
42 100
72 38.2 41.6 62.4#
71 44.4 37.9 56.9



#42
1-Chlorobutane
Concen: 2.103 ug/l
RT: 5.453 min Scan# 1357
Delta R.T. -0.000 min
Lab File: VU053148.D
Acq: 27 Feb 2023 11:06

Tgt Ion: 56 Resp: 26582
Ion Ratio Lower Upper
56 100
41 49.5 23.7 71.1

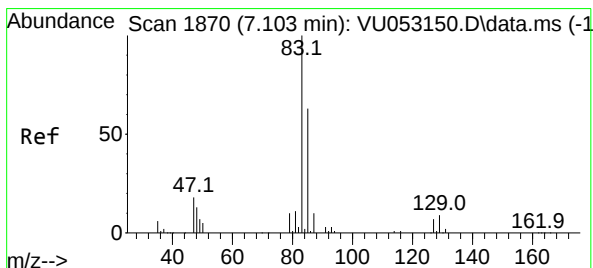
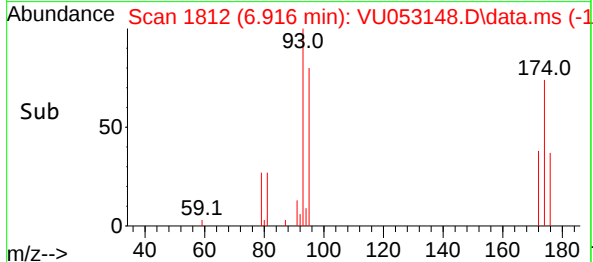
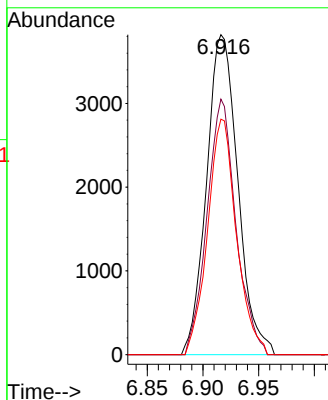
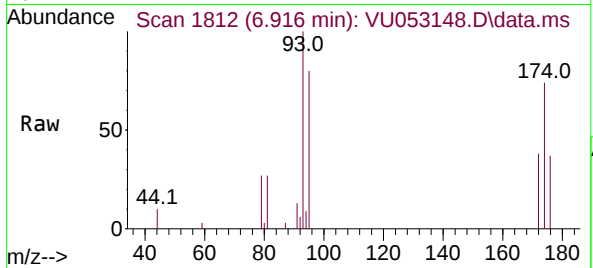




#43
Dibromomethane
Concen: 2.176 ug/l
RT: 6.916 min Scan# 1811
Delta R.T. 0.003 min
Lab File: VU053148.D
Acq: 27 Feb 2023 11:06

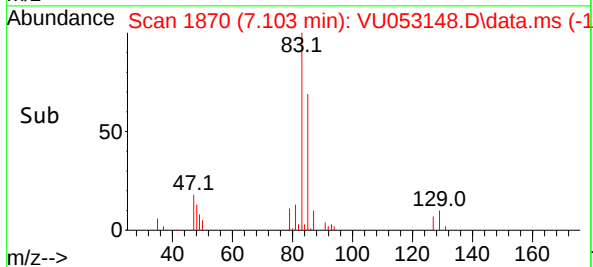
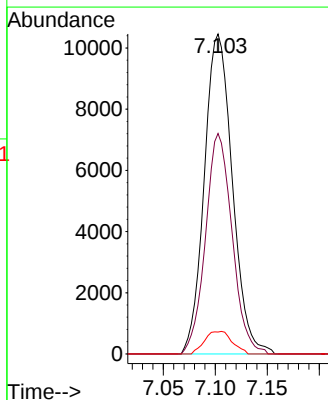
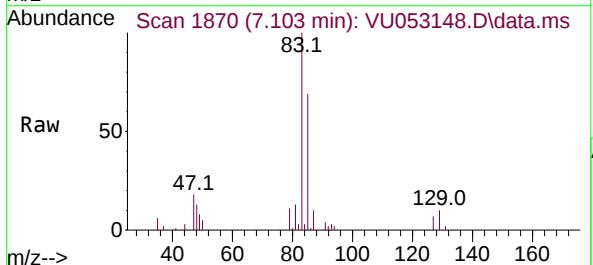
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

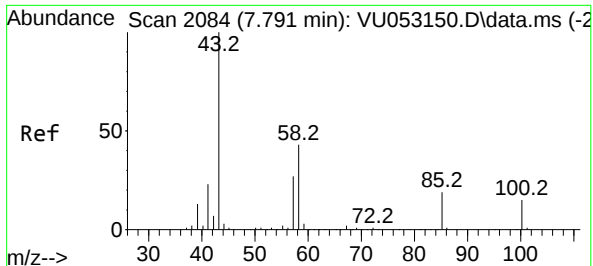
Tgt Ion: 93 Resp: 7473
Ion Ratio Lower Upper
93 100
95 73.8 66.5 99.7
174 67.7 58.2 87.4



#44
Bromodichloromethane
Concen: 2.089 ug/l
RT: 7.103 min Scan# 1870
Delta R.T. -0.000 min
Lab File: VU053148.D
Acq: 27 Feb 2023 11:06

Tgt Ion: 83 Resp: 19624
Ion Ratio Lower Upper
83 100
85 68.9 50.6 75.8
127 6.9 5.8 8.8





#45

4-Methyl-2-Pentanone

Concen: 10.015 ug/l

RT: 7.794 min Scan# 2085

Delta R.T. 0.003 min

Lab File: VU053148.D

Acq: 27 Feb 2023 11:06

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

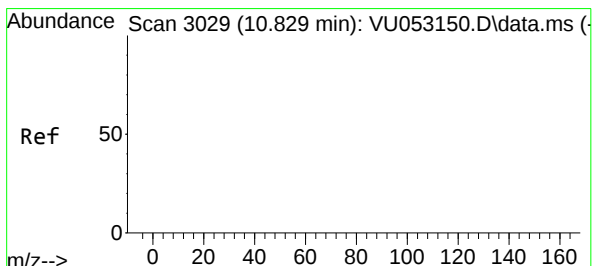
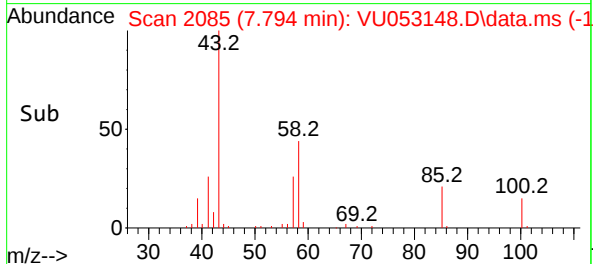
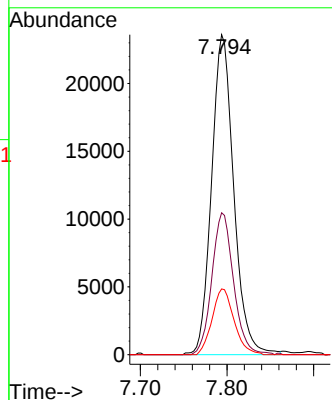
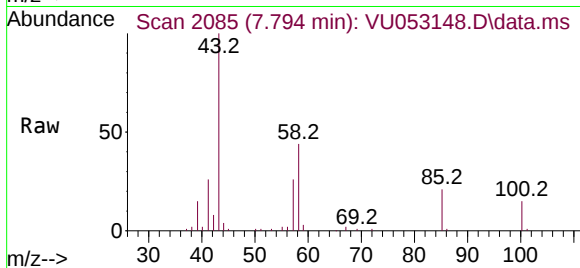
Tgt Ion: 43 Resp: 41988

Ion Ratio Lower Upper

43 100

58 43.4 22.0 66.0

85 20.3 15.7 23.5



#46

t-1,4-Dichloro-2-butene

Concen: 8.095 ug/l

RT: 10.823 min Scan# 3027

Delta R.T. -0.007 min

Lab File: VU053148.D

Acq: 27 Feb 2023 11:06

Tgt Ion: 75 Resp: 17101

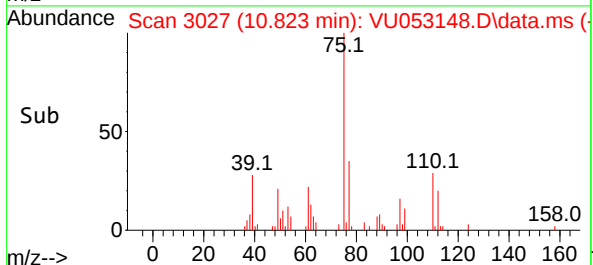
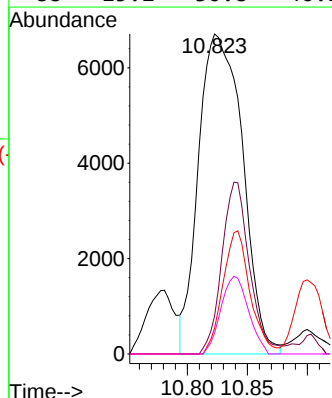
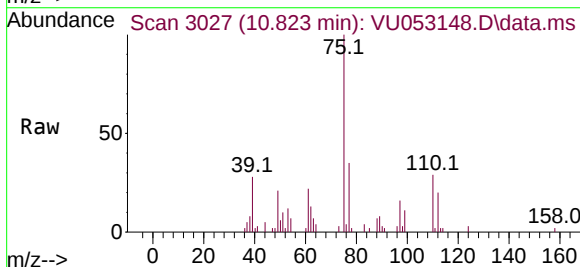
Ion Ratio Lower Upper

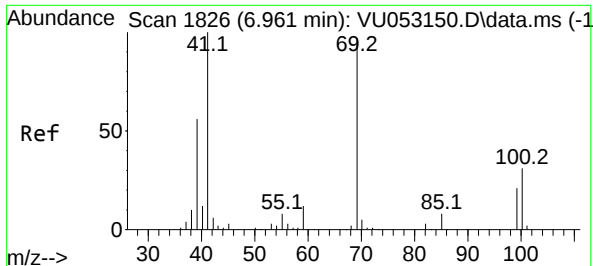
75 100

53 34.0 57.0 85.4#

89 23.9 43.1 64.7#

88 15.2 30.8 46.2#





#47

Methyl methacrylate

Concen: 4.234 ug/l

RT: 6.964 min Scan# 1827

Delta R.T. 0.003 min

Lab File: VU053148.D

Acq: 27 Feb 2023 11:06

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

Tgt Ion: 69 Resp: 14963

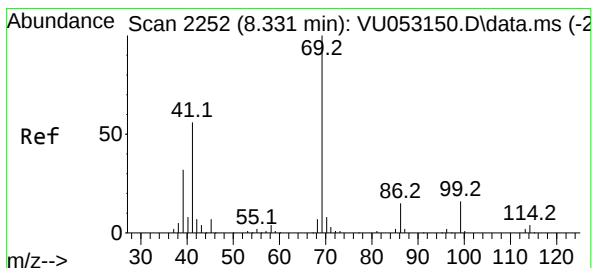
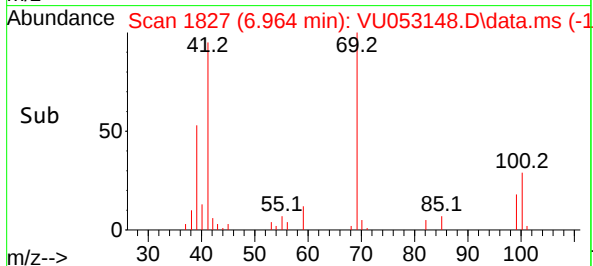
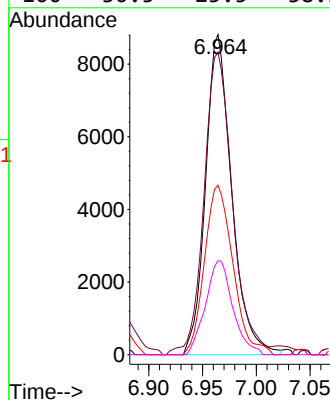
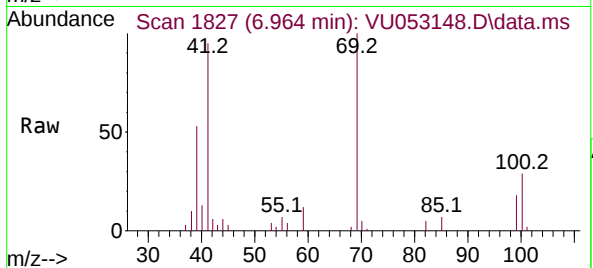
Ion Ratio Lower Upper

69 100

41 102.3 0.0 201.0

39 57.4 47.1 70.7

100 30.5 25.5 38.3



#48

Ethyl methacrylate

Concen: 2.023 ug/l

RT: 8.334 min Scan# 2253

Delta R.T. 0.003 min

Lab File: VU053148.D

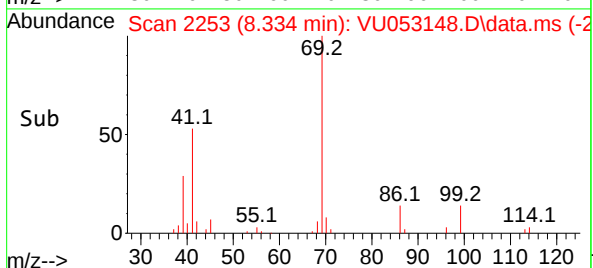
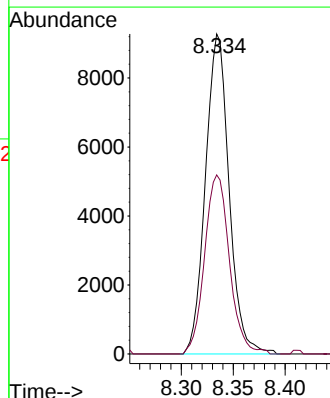
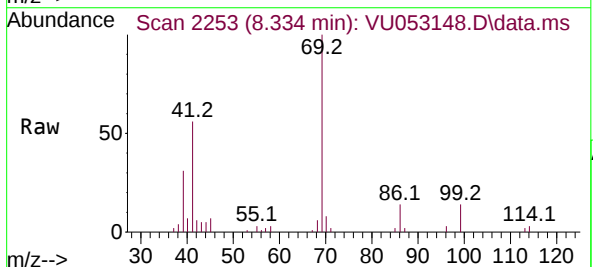
Acq: 27 Feb 2023 11:06

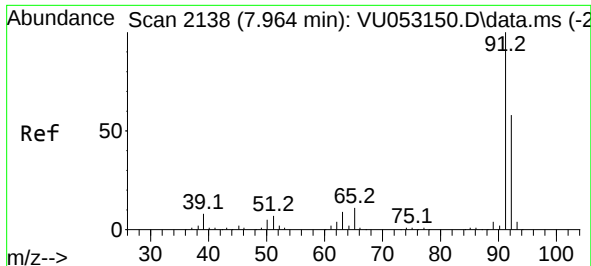
Tgt Ion: 69 Resp: 14670

Ion Ratio Lower Upper

69 100

41 59.0 28.2 84.6





#49

Toluene

Concen: 2.106 ug/l

RT: 7.967 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VU053148.D

Acq: 27 Feb 2023 11:06

Instrument :

MSVOA_U

ClientSampleId :

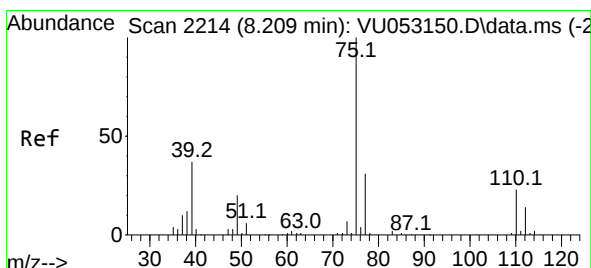
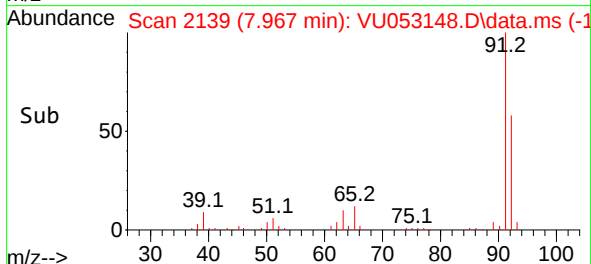
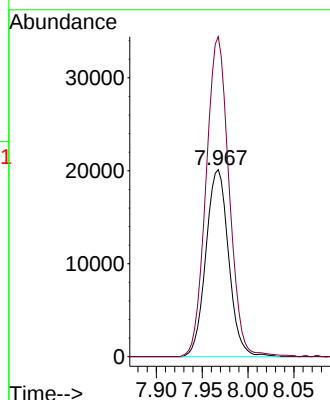
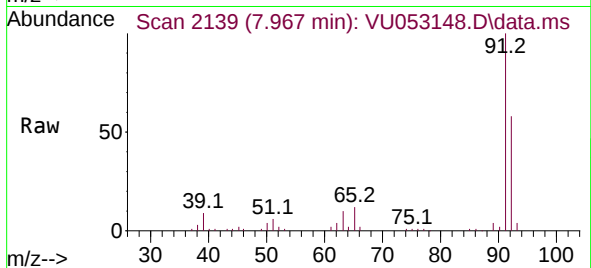
VSTDIC002

Tgt Ion: 92 Resp: 34738

Ion Ratio Lower Upper

92 100

91 173.3 138.2 207.2



#50

t-1,3-Dichloropropene

Concen: 2.060 ug/l

RT: 8.209 min Scan# 2214

Delta R.T. -0.000 min

Lab File: VU053148.D

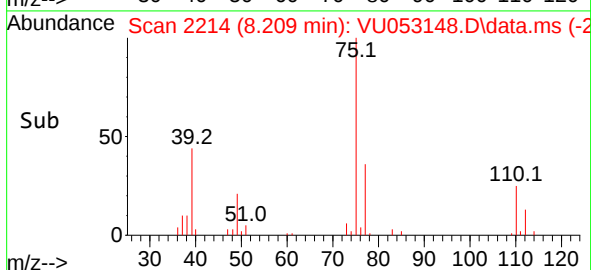
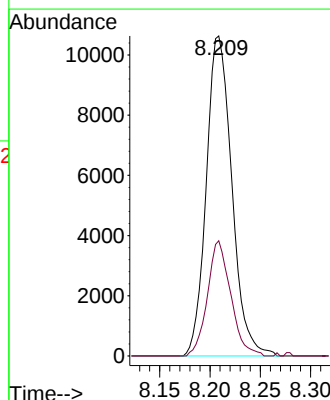
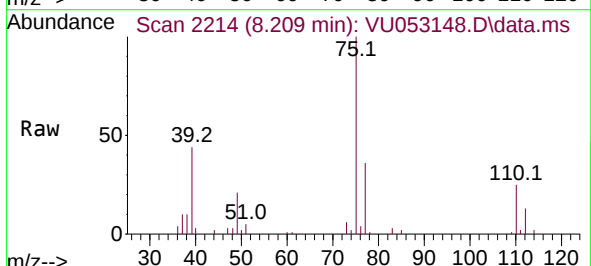
Acq: 27 Feb 2023 11:06

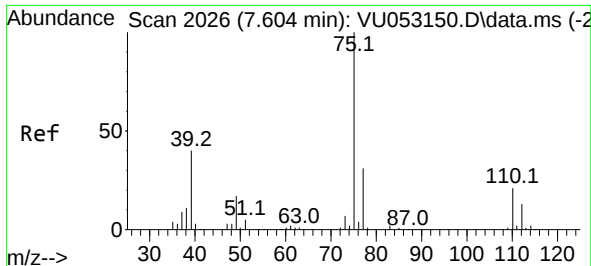
Tgt Ion: 75 Resp: 18795

Ion Ratio Lower Upper

75 100

77 36.0 25.1 37.7

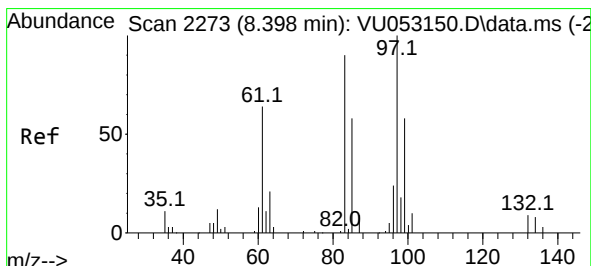
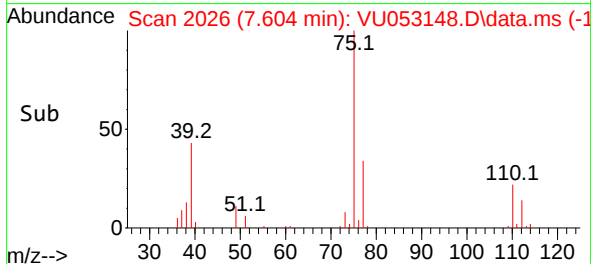
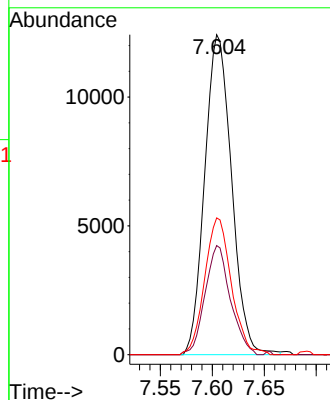
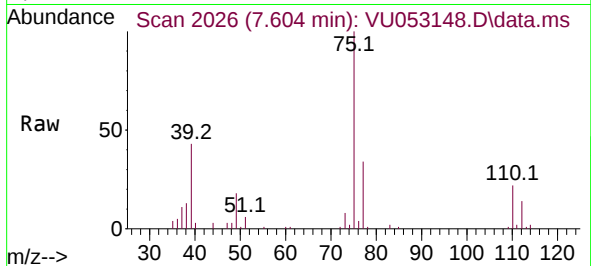




#51
 cis-1,3-Dichloropropene
 Concen: 2.018 ug/l
 RT: 7.604 min Scan# 2026
 Delta R.T. -0.000 min
 Lab File: VU053148.D
 Acq: 27 Feb 2023 11:06

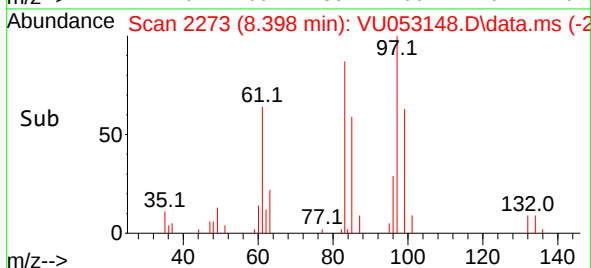
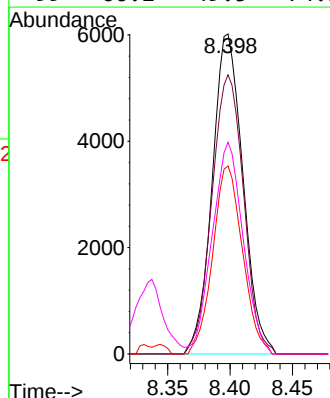
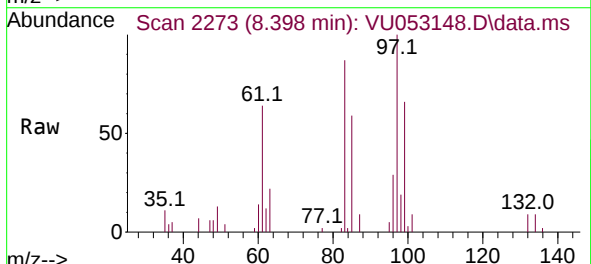
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

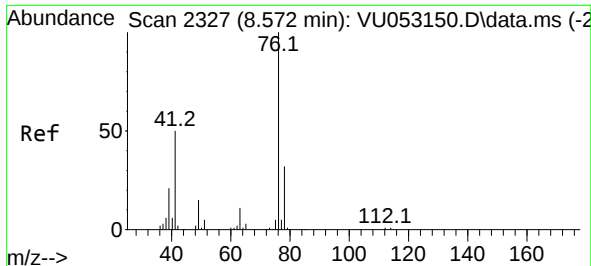
Tgt Ion: 75 Resp: 22320
 Ion Ratio Lower Upper
 75 100
 77 34.1 24.9 37.3
 39 42.7 32.2 48.2



#52
 1,1,2-Trichloroethane
 Concen: 2.047 ug/l
 RT: 8.398 min Scan# 2273
 Delta R.T. -0.000 min
 Lab File: VU053148.D
 Acq: 27 Feb 2023 11:06

Tgt Ion: 97 Resp: 10325
 Ion Ratio Lower Upper
 97 100
 83 87.3 71.9 107.9
 85 58.7 46.5 69.7
 99 66.2 49.5 74.3





#53

1,3-Dichloropropane

Concen: 2.081 ug/l

RT: 8.572 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU053148.D

Acq: 27 Feb 2023 11:06

Instrument :

MSVOA_U

ClientSampleId :

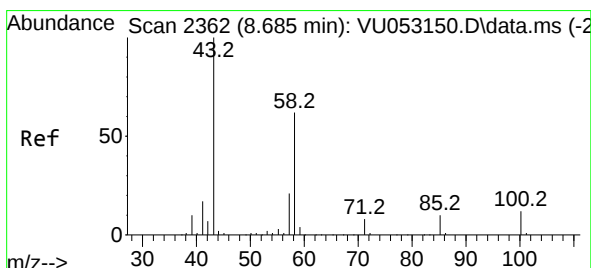
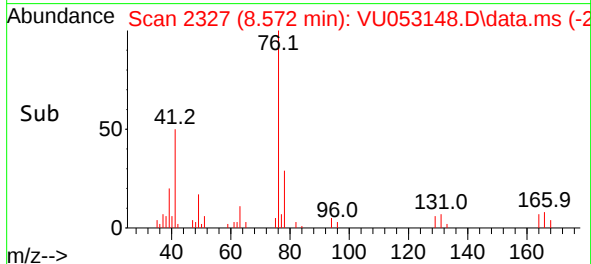
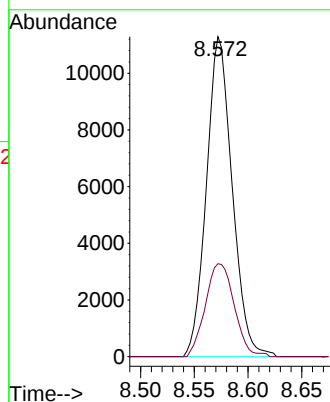
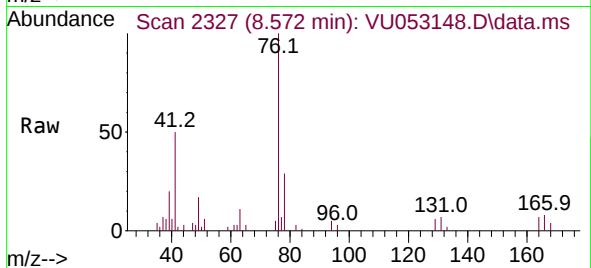
VSTDICC002

Tgt Ion: 76 Resp: 18818

Ion Ratio Lower Upper

76 100

78 32.5 25.9 38.9



#54

2-Hexanone

Concen: 9.536 ug/l

RT: 8.688 min Scan# 2363

Delta R.T. 0.003 min

Lab File: VU053148.D

Acq: 27 Feb 2023 11:06

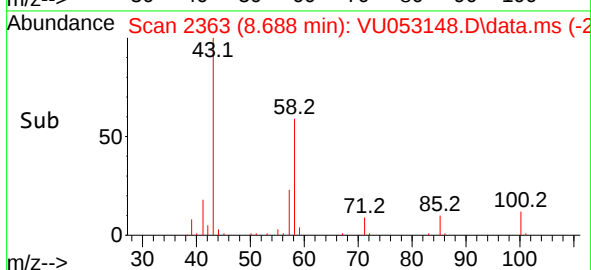
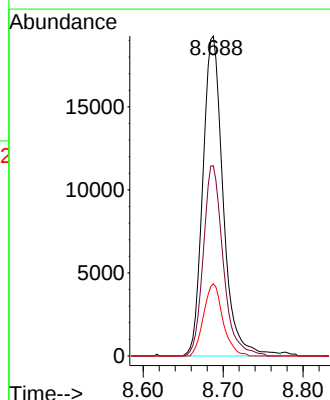
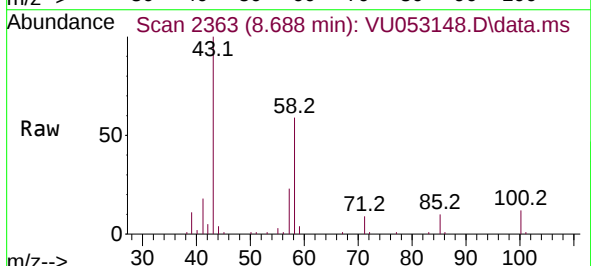
Tgt Ion: 43 Resp: 34061

Ion Ratio Lower Upper

43 100

58 58.3 42.0 82.0

57 21.4 1.2 41.2

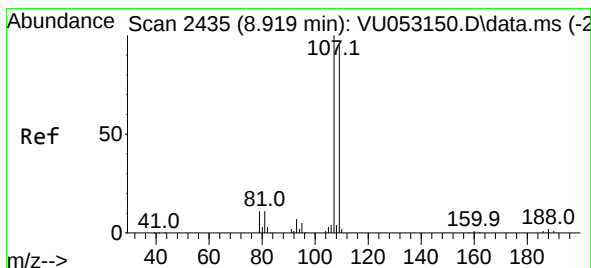
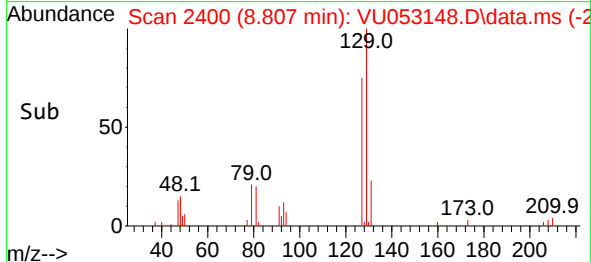
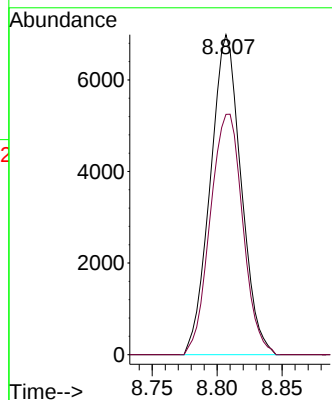
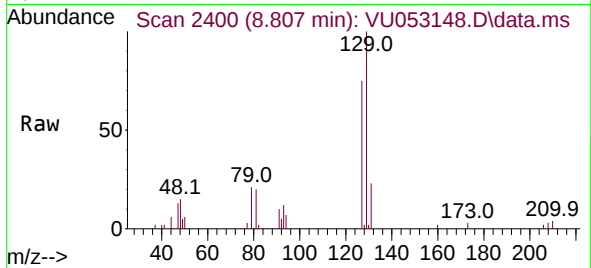




#55
Dibromochloromethane
Concen: 2.000 ug/l
RT: 8.807 min Scan# 2400
Delta R.T. -0.000 min
Lab File: VU053148.D
Acq: 27 Feb 2023 11:06

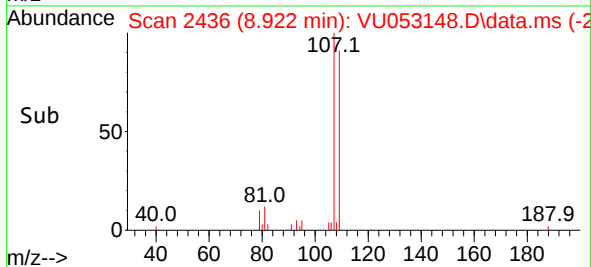
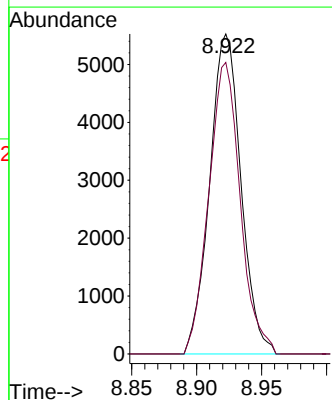
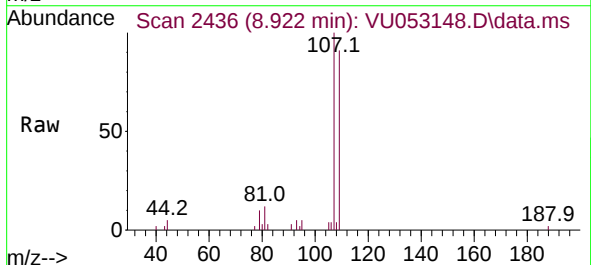
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

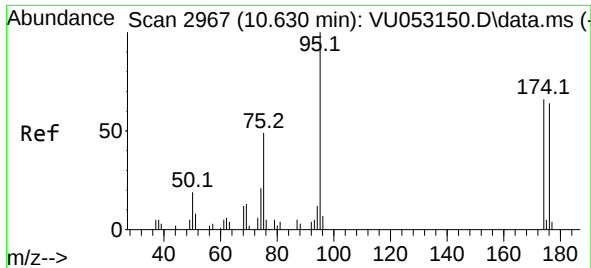
Tgt Ion:129 Resp: 11509
Ion Ratio Lower Upper
129 100
127 79.3 61.1 91.7



#56
1,2-Dibromoethane
Concen: 2.067 ug/l
RT: 8.922 min Scan# 2436
Delta R.T. 0.003 min
Lab File: VU053148.D
Acq: 27 Feb 2023 11:06

Tgt Ion:107 Resp: 9263
Ion Ratio Lower Upper
107 100
109 91.4 0.0 186.2

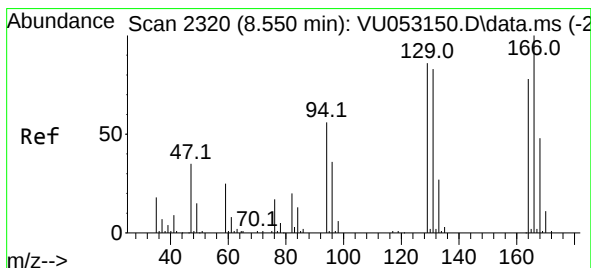
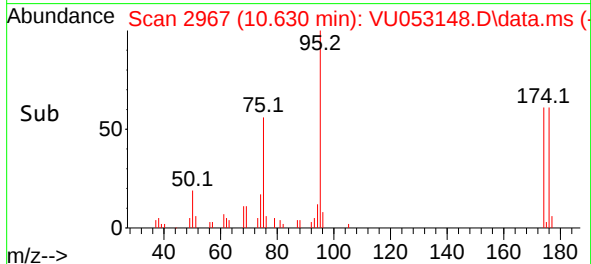
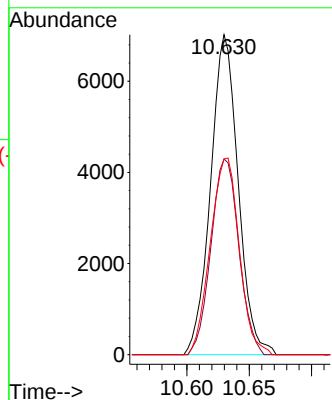
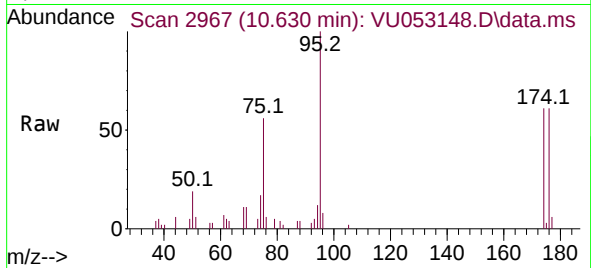




#57
4-Bromofluorobenzene
Concen: 0.960 ug/l
RT: 10.630 min Scan# 2967
Delta R.T. -0.000 min
Lab File: VU053148.D
Acq: 27 Feb 2023 11:06

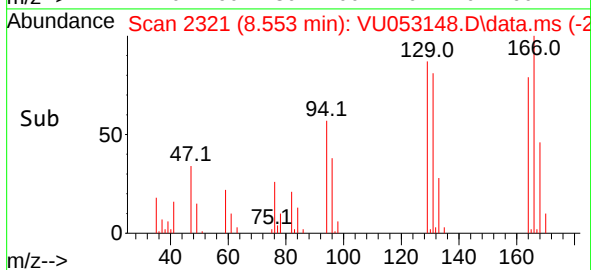
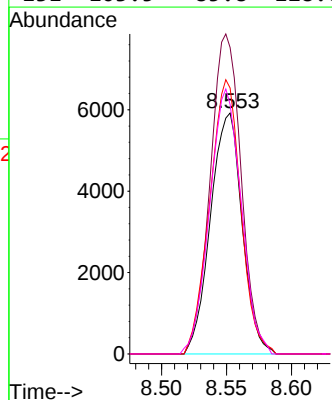
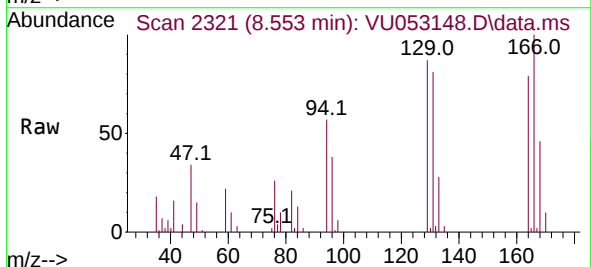
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

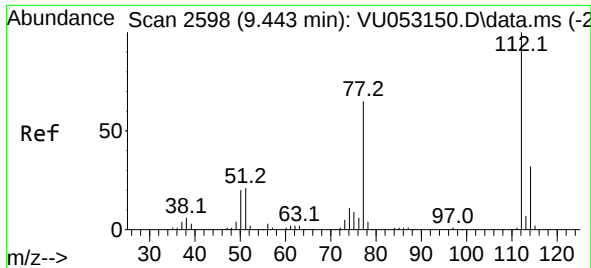
Tgt Ion: 95 Resp: 10832
Ion Ratio Lower Upper
95 100
174 61.7 50.7 76.1
176 64.3 47.8 71.6



#58
Tetrachloroethene
Concen: 2.042 ug/l
RT: 8.553 min Scan# 2321
Delta R.T. 0.003 min
Lab File: VU053148.D
Acq: 27 Feb 2023 11:06

Tgt Ion: 164 Resp: 10011
Ion Ratio Lower Upper
164 100
166 127.2 103.2 154.8
129 110.4 88.8 133.2
131 103.5 85.8 128.6





#59

Chlorobenzene

Concen: 2.078 ug/l

RT: 9.443 min Scan# 2598

Delta R.T. -0.000 min

Lab File: VU053148.D

Acq: 27 Feb 2023 11:06

Instrument :

MSVOA_U

ClientSampleId :

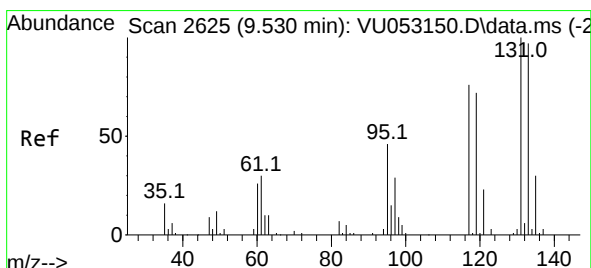
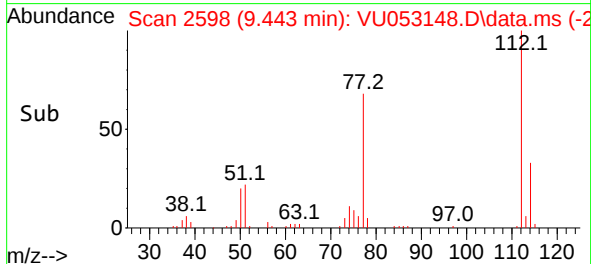
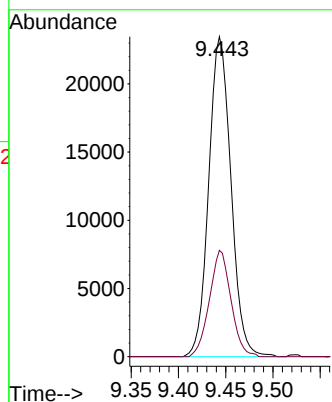
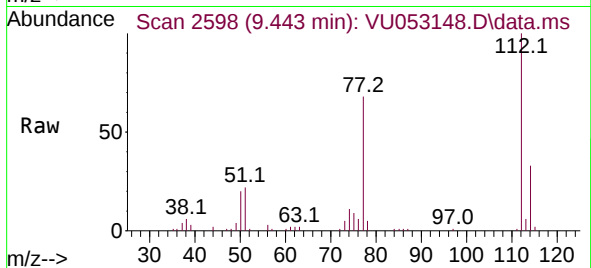
VSTDICC002

Tgt Ion:112 Resp: 38336

Ion Ratio Lower Upper

112 100

114 33.2 25.8 38.6



#60

1,1,1,2-Tetrachloroethane

Concen: 2.003 ug/l

RT: 9.530 min Scan# 2625

Delta R.T. -0.000 min

Lab File: VU053148.D

Acq: 27 Feb 2023 11:06

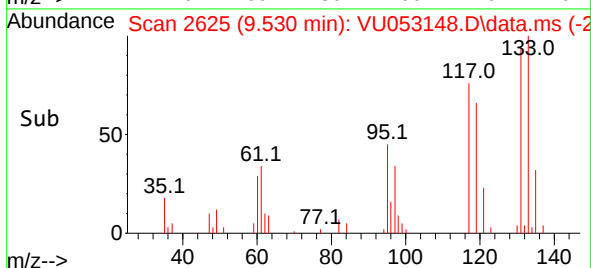
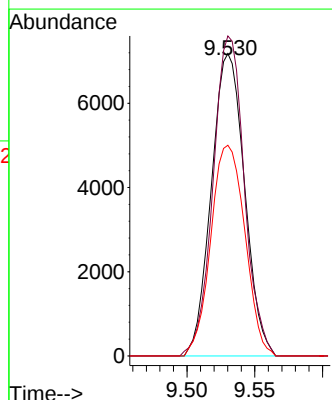
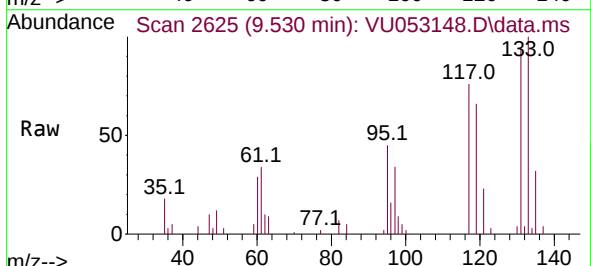
Tgt Ion:131 Resp: 12207

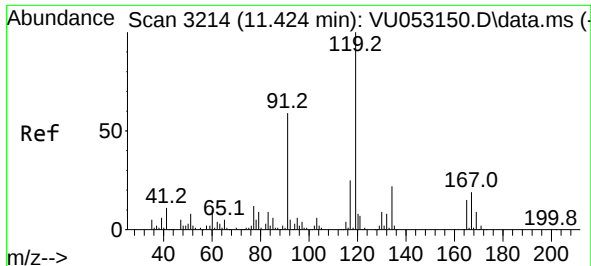
Ion Ratio Lower Upper

131 100

133 99.8 76.7 115.1

119 71.7 57.6 86.4

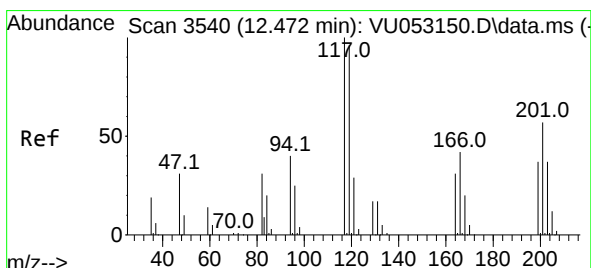
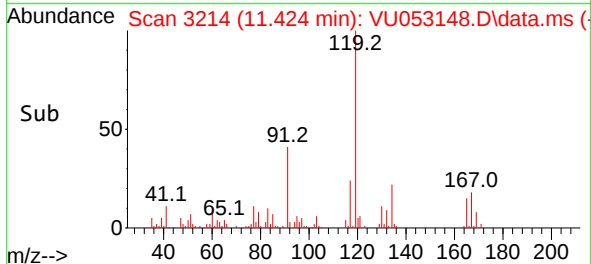
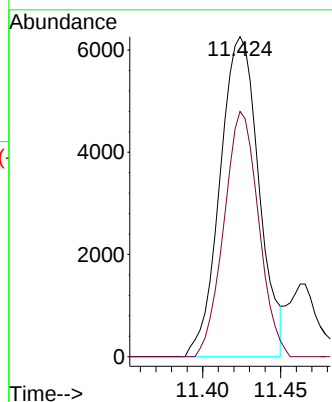
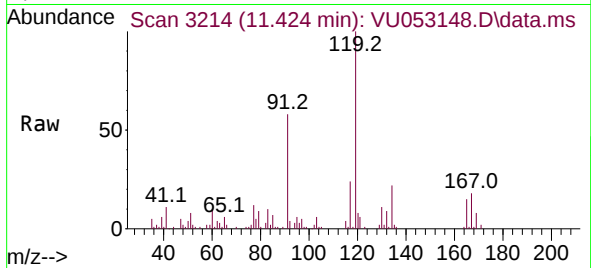




#61
 Pentachloroethane
 Concen: 2.052 ug/l
 RT: 11.424 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU053148.D
 Acq: 27 Feb 2023 11:06

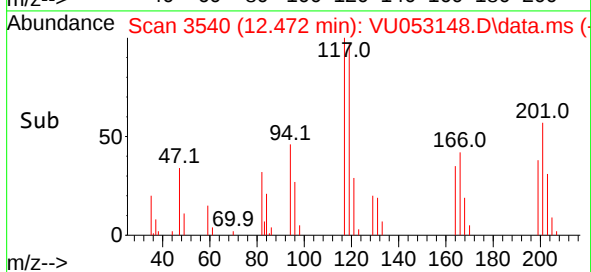
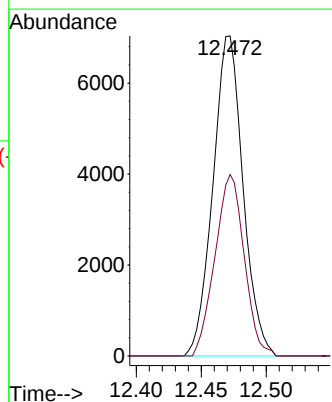
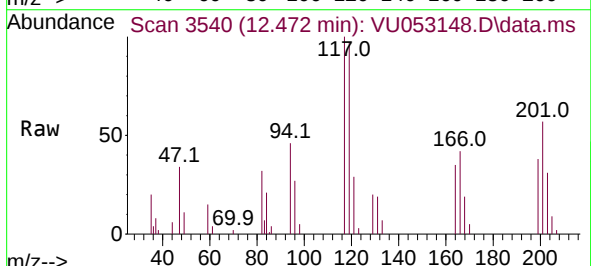
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

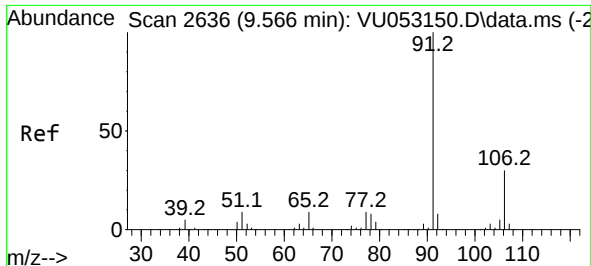
Tgt Ion:117 Resp: 10865
 Ion Ratio Lower Upper
 117 100
 167 68.2 57.5 86.3



#62
 Hexachloroethane
 Concen: 1.942 ug/l
 RT: 12.472 min Scan# 3540
 Delta R.T. -0.000 min
 Lab File: VU053148.D
 Acq: 27 Feb 2023 11:06

Tgt Ion:117 Resp: 11336
 Ion Ratio Lower Upper
 117 100
 201 54.9 46.7 70.1





#63

Ethyl Benzene

Concen: 2.086 ug/l

RT: 9.565 min Scan# 2

Delta R.T. -0.000 min

Lab File: VU053148.D

Acq: 27 Feb 2023 11:06

Instrument :

MSVOA_U

ClientSampleId :

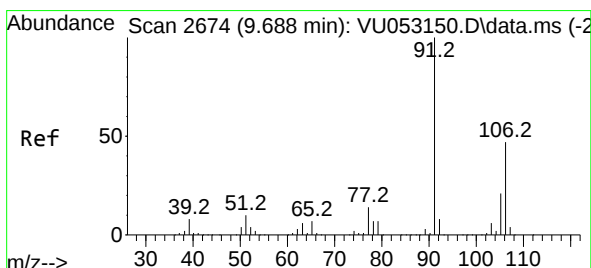
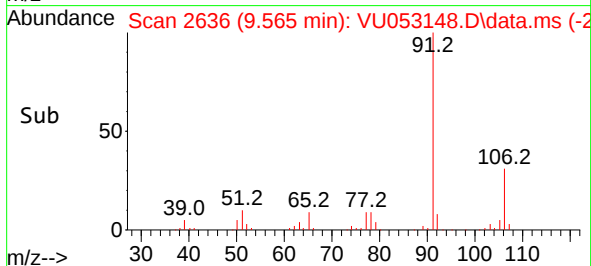
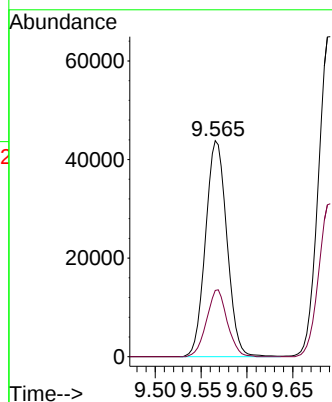
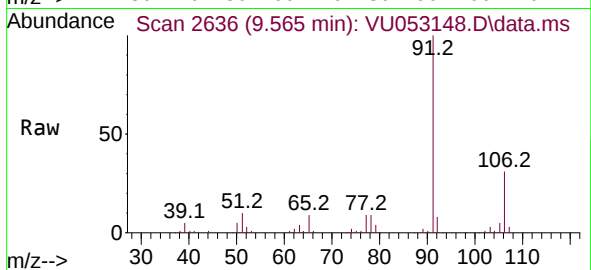
VSTDIC002

Tgt Ion: 91 Resp: 71008

Ion Ratio Lower Upper

91 100

106 30.6 24.0 36.0



#64

m/p-Xylenes

Concen: 4.177 ug/l

RT: 9.691 min Scan# 2675

Delta R.T. 0.003 min

Lab File: VU053148.D

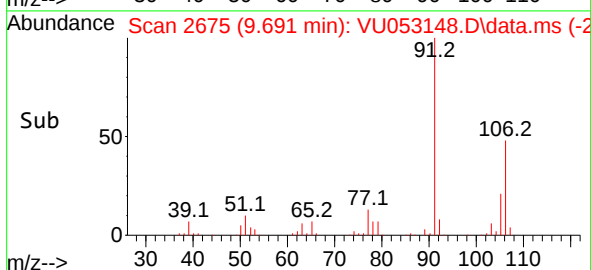
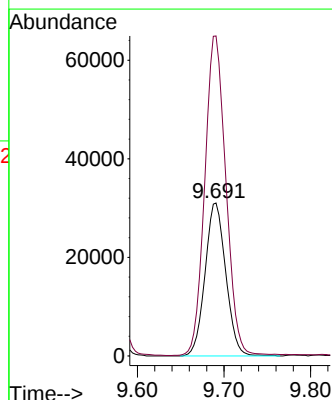
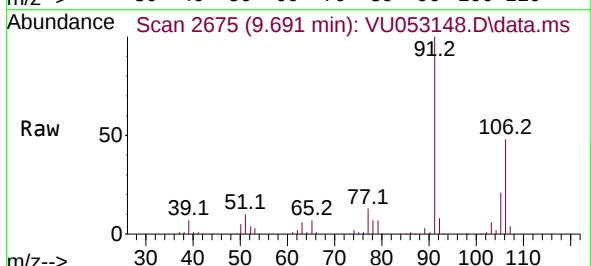
Acq: 27 Feb 2023 11:06

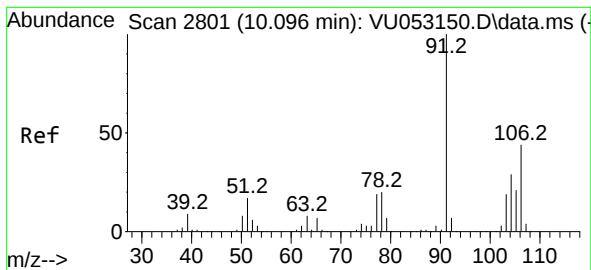
Tgt Ion:106 Resp: 51586

Ion Ratio Lower Upper

106 100

91 213.0 170.7 256.1





#65

o-Xylene

Concen: 2.070 ug/l

RT: 10.096 min Scan# 2801

Delta R.T. -0.000 min

Lab File: VU053148.D

Acq: 27 Feb 2023 11:06

Instrument :

MSVOA_U

ClientSampleId :

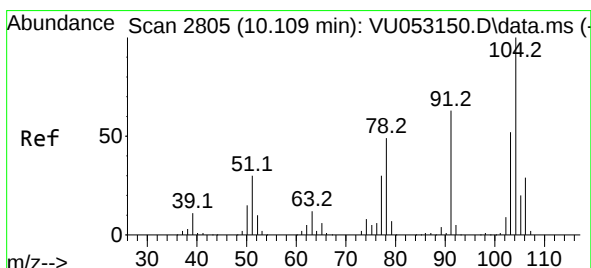
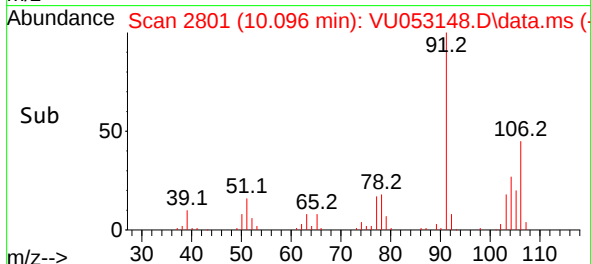
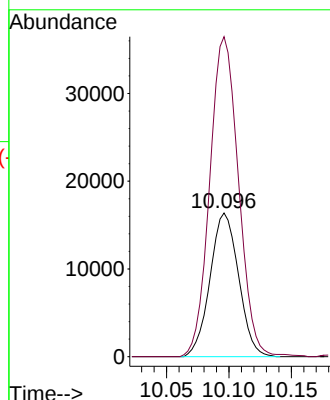
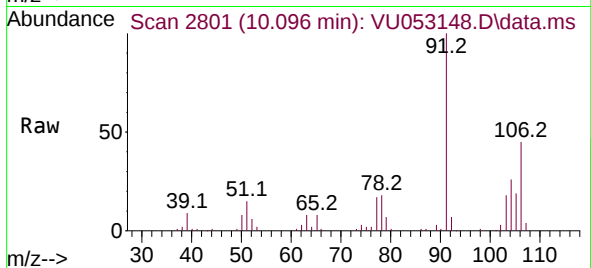
VSTDICC002

Tgt Ion:106 Resp: 26101

Ion Ratio Lower Upper

106 100

91 224.4 112.8 338.4



#66

Styrene

Concen: 2.051 ug/l

RT: 10.112 min Scan# 2806

Delta R.T. 0.003 min

Lab File: VU053148.D

Acq: 27 Feb 2023 11:06

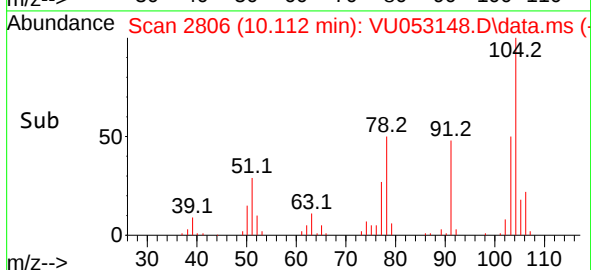
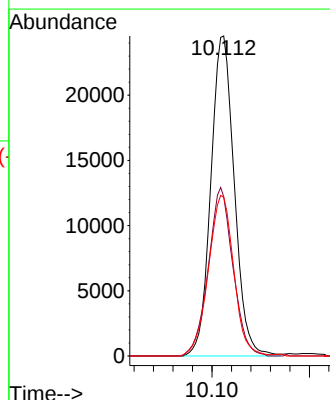
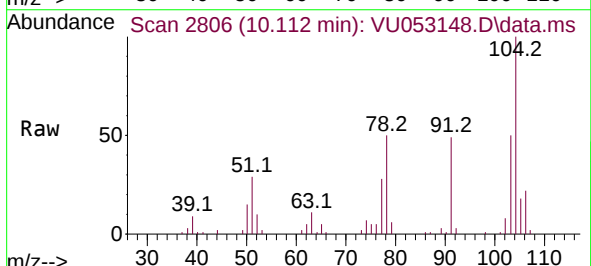
Tgt Ion:104 Resp: 41006

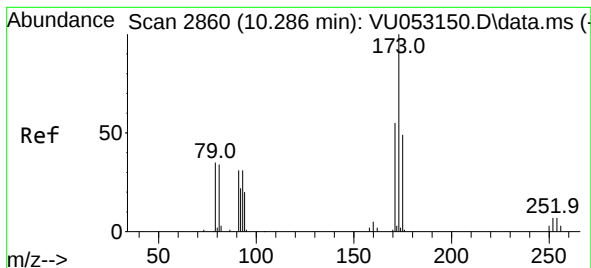
Ion Ratio Lower Upper

104 100

78 55.2 43.3 64.9

103 54.2 45.2 67.8





#67

Bromoform

Concen: 1.973 ug/l

RT: 10.286 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU053148.D

Acq: 27 Feb 2023 11:06

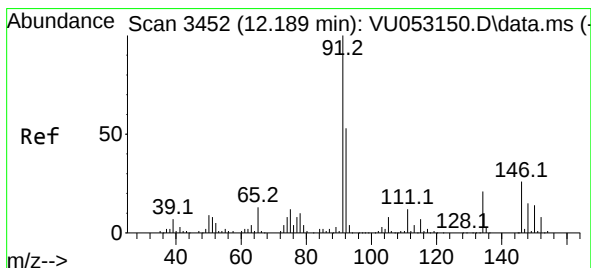
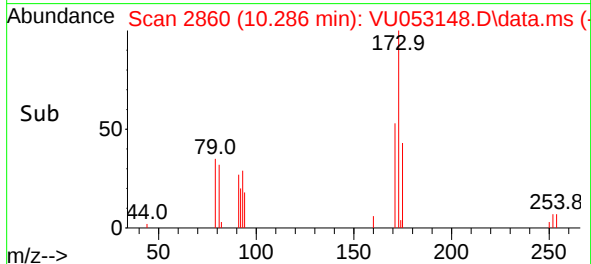
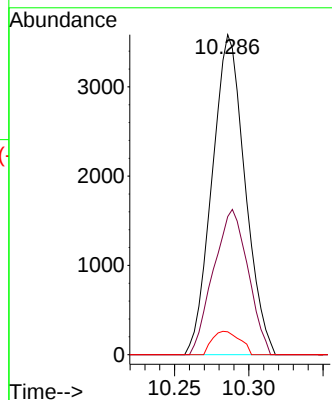
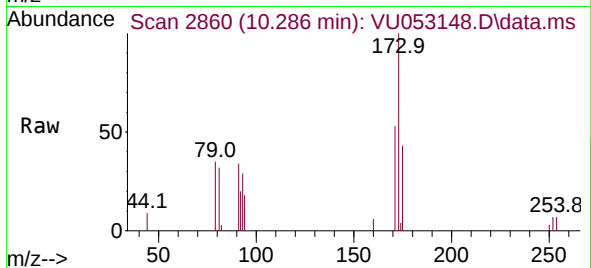
Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

Tgt Ion:173	Resp:	5520
Ion Ratio	Lower	Upper
173	100	
175	47.7	38.7 58.1
254	6.1	5.8 8.8



#68

1,2-Dichlorobenzene-d4

Concen: 1.033 ug/l

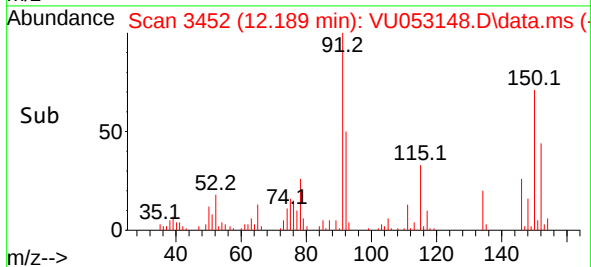
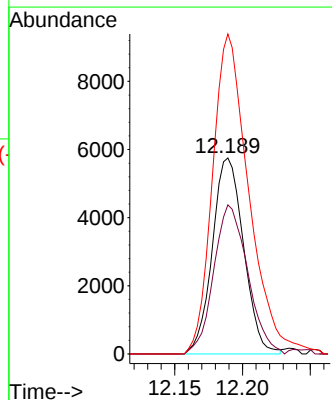
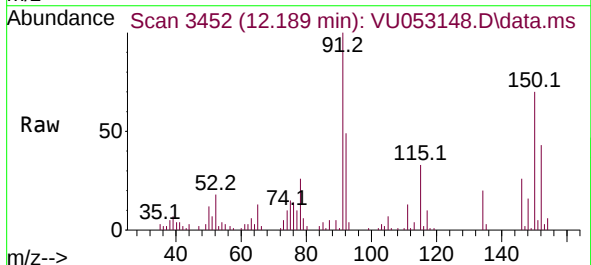
RT: 12.189 min Scan# 3452

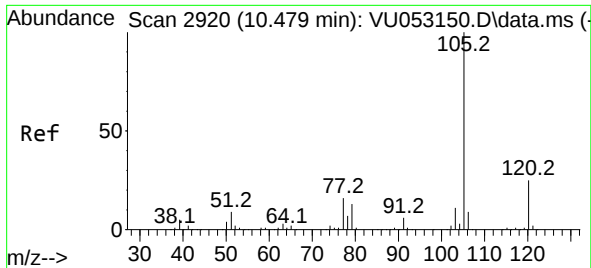
Delta R.T. -0.000 min

Lab File: VU053148.D

Acq: 27 Feb 2023 11:06

Tgt Ion:152	Resp:	9236
Ion Ratio	Lower	Upper
152	100	
115	82.4	0.0 267.8
150	189.7	0.0 623.0

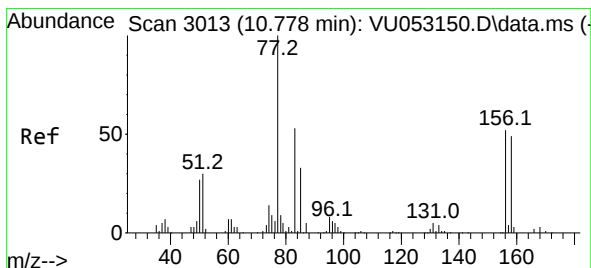
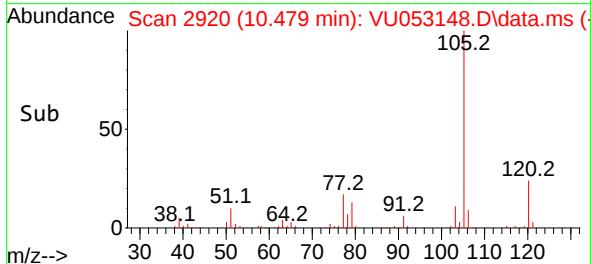
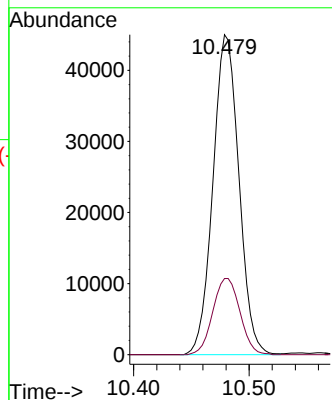
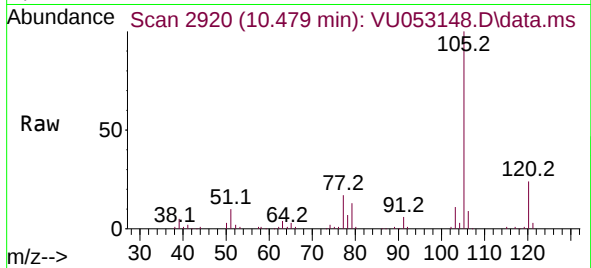




#69
Isopropylbenzene
Concen: 2.081 ug/l
RT: 10.479 min Scan# 2920
Delta R.T. -0.000 min
Lab File: VU053148.D
Acq: 27 Feb 2023 11:06

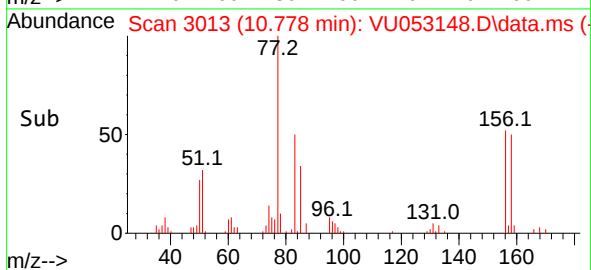
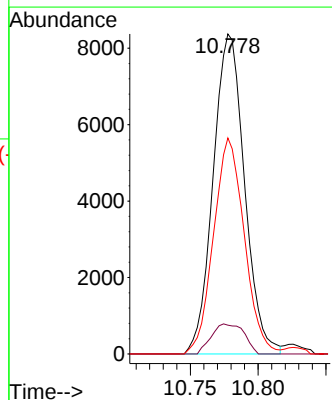
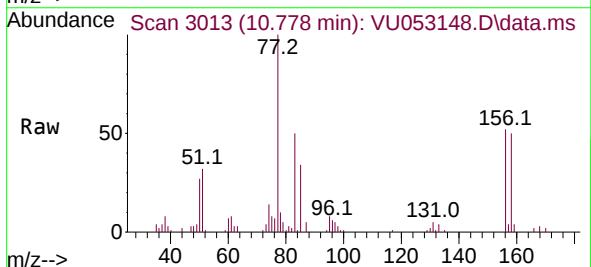
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

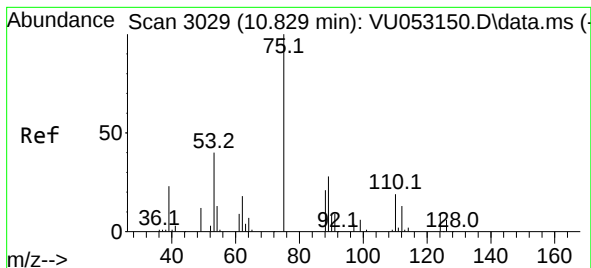
Tgt Ion:105 Resp: 70303
Ion Ratio Lower Upper
105 100
120 24.9 12.6 37.6



#70
1,1,2,2-Tetrachloroethane
Concen: 1.983 ug/l
RT: 10.778 min Scan# 3013
Delta R.T. -0.000 min
Lab File: VU053148.D
Acq: 27 Feb 2023 11:06

Tgt Ion: 83 Resp: 13479
Ion Ratio Lower Upper
83 100
131 9.7 6.6 9.8
85 66.1 49.3 73.9





#71

1,2,3-Trichloropropane

Concen: 3.013 ug/l

RT: 10.823 min Scan# 3029

Delta R.T. -0.007 min

Lab File: VU053148.D

Acq: 27 Feb 2023 11:06

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tgt Ion: 75 Resp: 17101

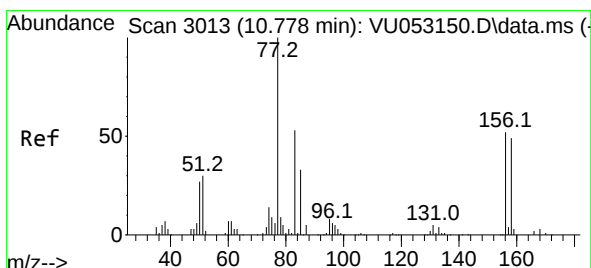
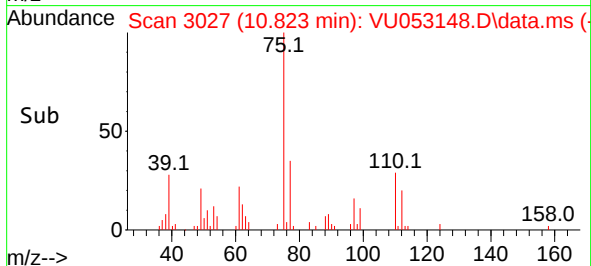
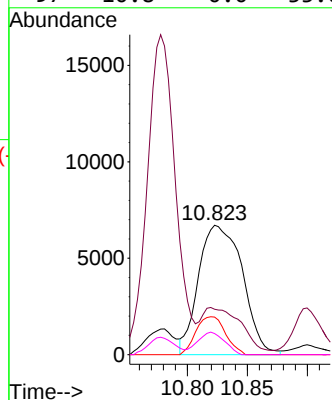
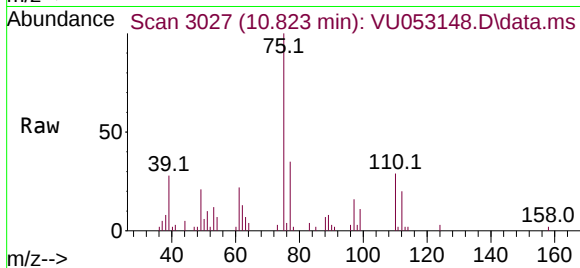
Ion Ratio Lower Upper

75 100

77 30.7 0.0 98.2

110 19.8 0.0 57.0

97 10.8 0.0 33.6



#72

Bromobenzene

Concen: 2.071 ug/l

RT: 10.778 min Scan# 3013

Delta R.T. -0.000 min

Lab File: VU053148.D

Acq: 27 Feb 2023 11:06

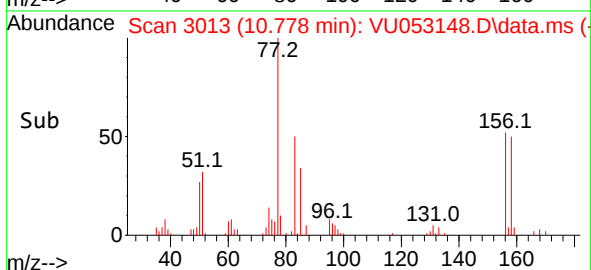
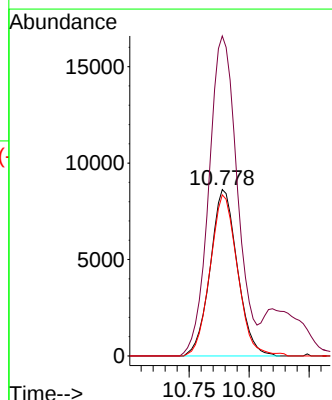
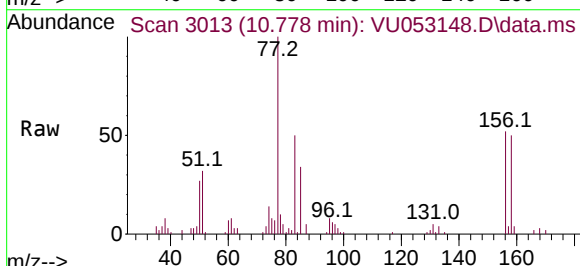
Tgt Ion: 156 Resp: 13572

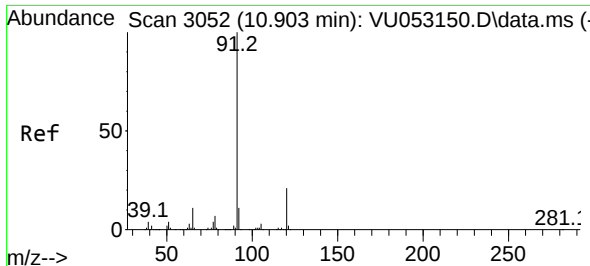
Ion Ratio Lower Upper

156 100

77 201.1 0.0 397.0

158 97.5 0.0 189.2

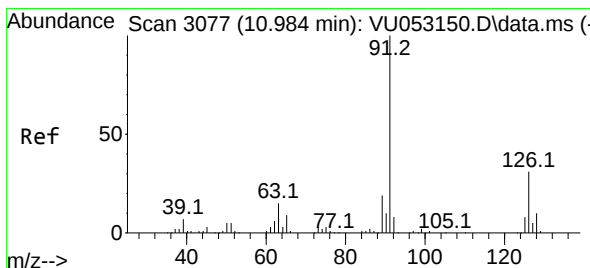
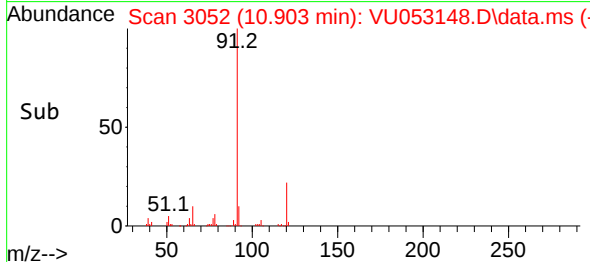
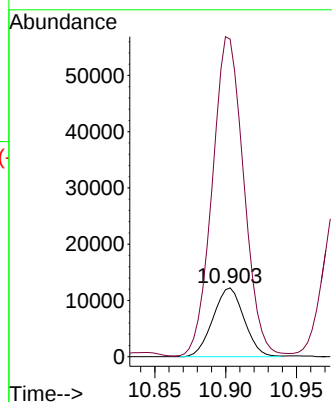
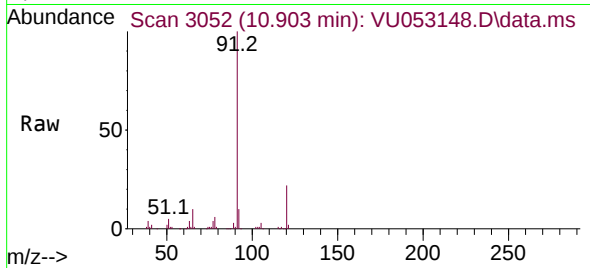




#73
n-propylbenzene
Concen: 2.083 ug/l
RT: 10.903 min Scan# 3052
Delta R.T. -0.000 min
Lab File: VU053148.D
Acq: 27 Feb 2023 11:06

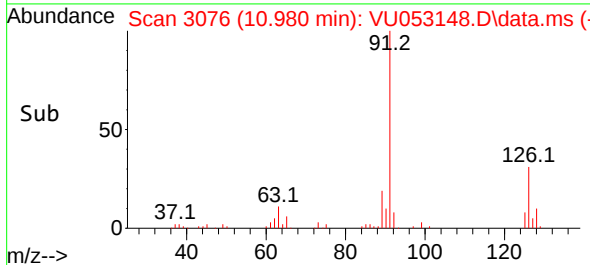
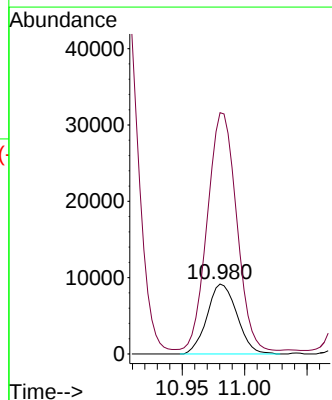
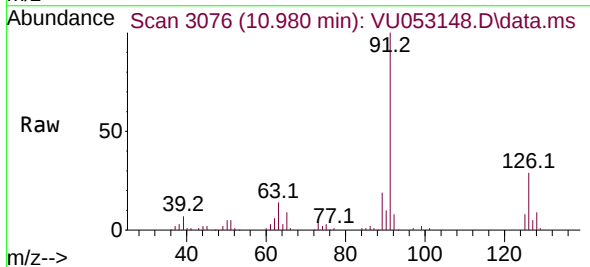
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

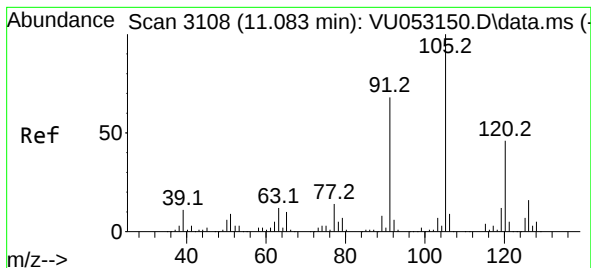
Tgt Ion:120 Resp: 18663
Ion Ratio Lower Upper
120 100
91 470.2 372.5 558.7



#74
2-Chlorotoluene
Concen: 2.056 ug/l
RT: 10.980 min Scan# 3076
Delta R.T. -0.003 min
Lab File: VU053148.D
Acq: 27 Feb 2023 11:06

Tgt Ion:126 Resp: 15256
Ion Ratio Lower Upper
126 100
91 334.3 0.0 658.6





#75

1,3,5-Trimethylbenzene

Concen: 2.055 ug/l

RT: 11.083 min Scan# 3108

Delta R.T. -0.000 min

Lab File: VU053148.D

Acq: 27 Feb 2023 11:06

Instrument :

MSVOA_U

ClientSampleId :

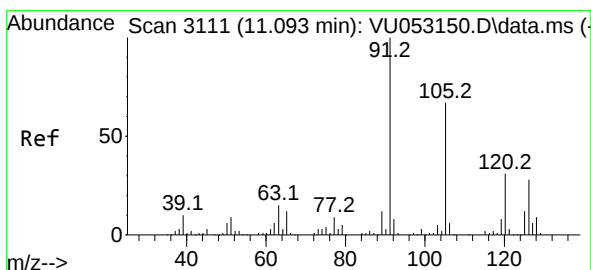
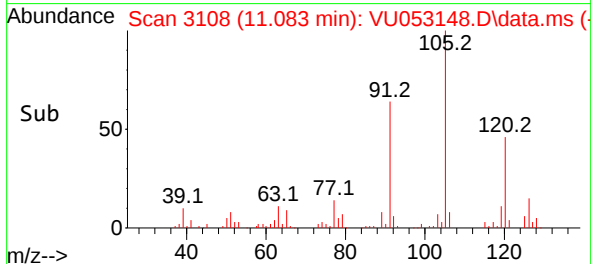
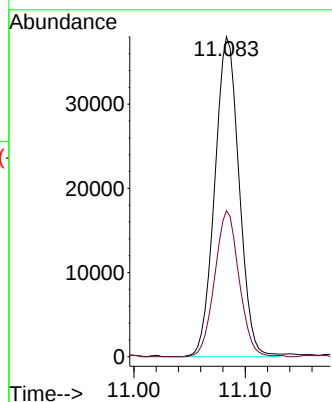
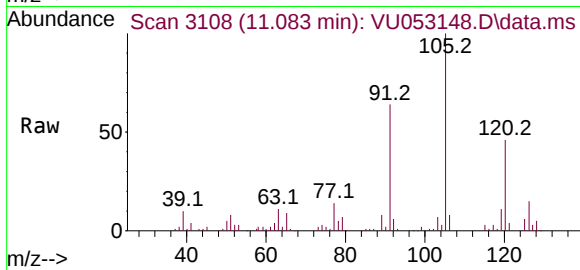
VSTDICC002

Tgt Ion:105 Resp: 57747

Ion Ratio Lower Upper

105 100

120 45.7 36.5 54.7



#76

4-Chlorotoluene

Concen: 2.109 ug/l

RT: 11.093 min Scan# 3111

Delta R.T. -0.000 min

Lab File: VU053148.D

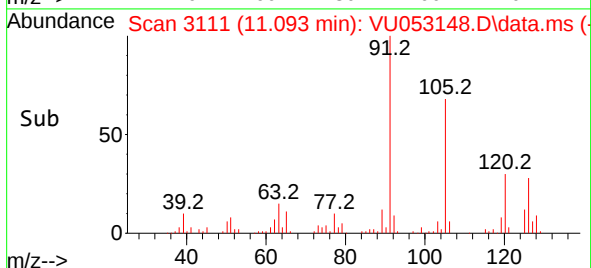
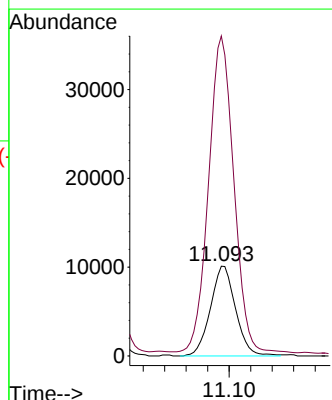
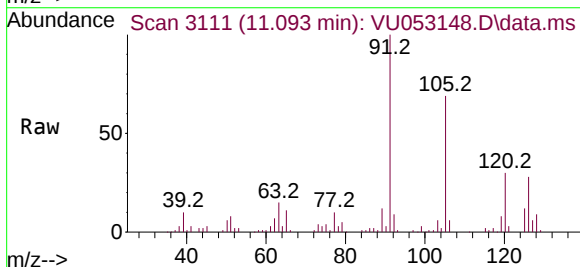
Acq: 27 Feb 2023 11:06

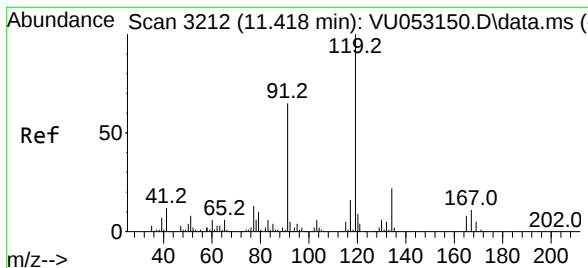
Tgt Ion:126 Resp: 16448

Ion Ratio Lower Upper

126 100

91 353.9 0.0 760.6





#77

tert-Butylbenzene

Concen: 2.020 ug/l

RT: 11.414 min Scan# 3211

Delta R.T. -0.003 min

Lab File: VU053148.D

Acq: 27 Feb 2023 11:06

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

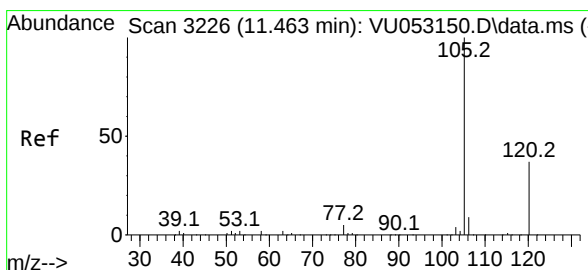
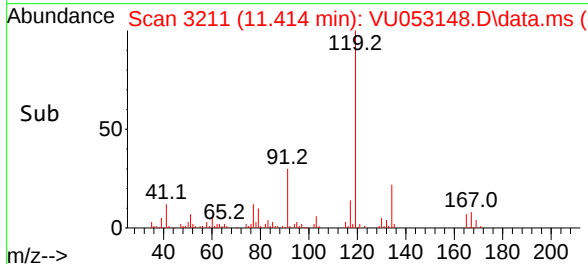
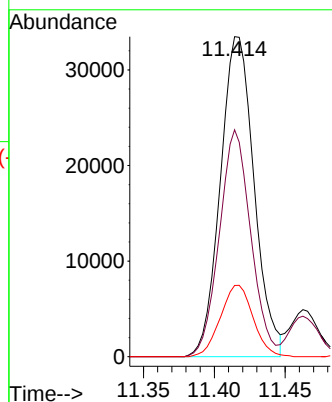
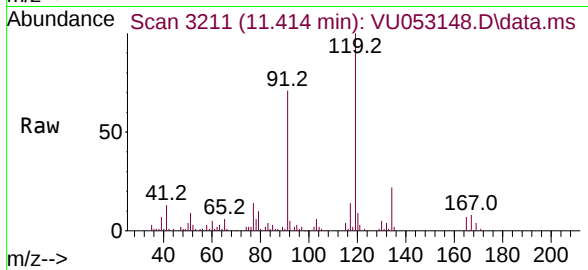
Tgt Ion:119 Resp: 55633

Ion Ratio Lower Upper

119 100

91 65.7 31.9 95.7

134 21.6 17.4 26.0



#78

1,2,4-Trimethylbenzene

Concen: 2.041 ug/l

RT: 11.463 min Scan# 3226

Delta R.T. -0.000 min

Lab File: VU053148.D

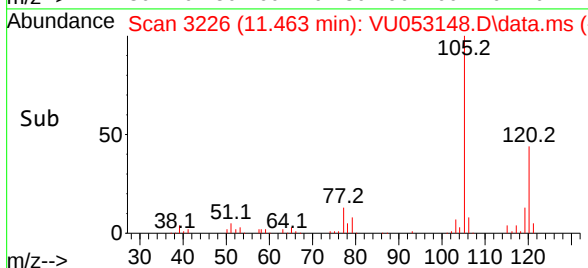
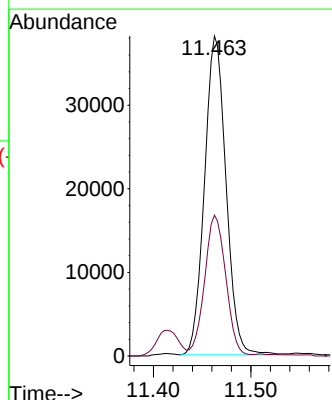
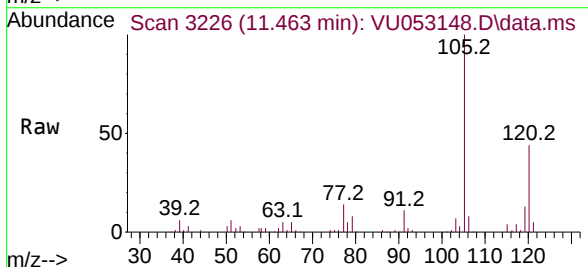
Acq: 27 Feb 2023 11:06

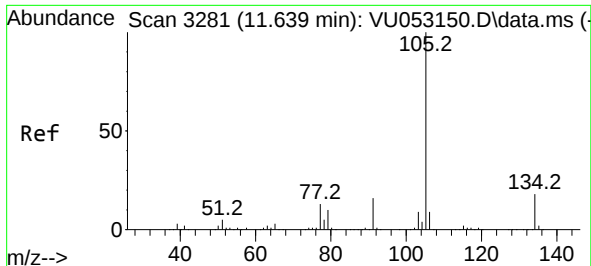
Tgt Ion:105 Resp: 58469

Ion Ratio Lower Upper

105 100

120 42.8 21.1 63.1

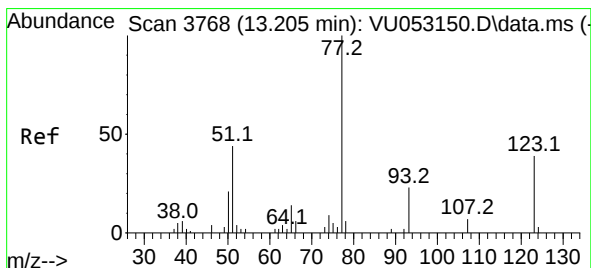
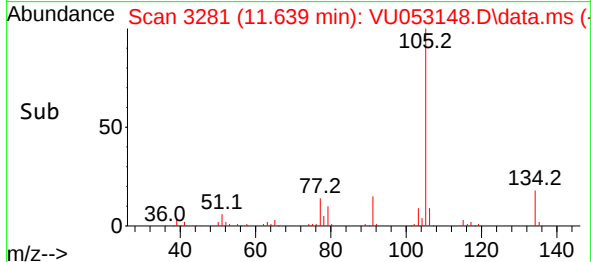
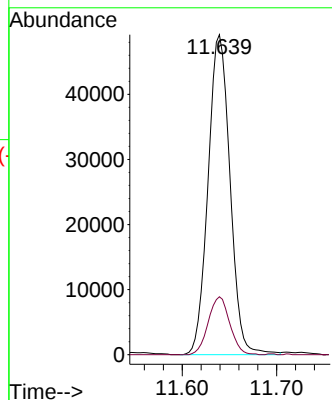
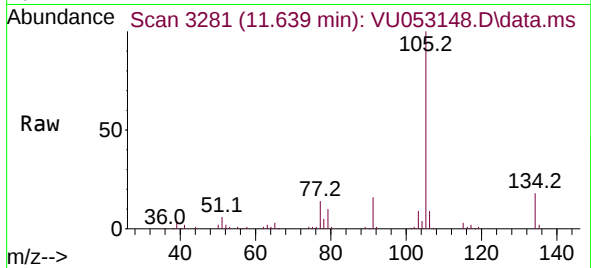




#79
 sec-Butylbenzene
 Concen: 2.077 ug/l
 RT: 11.639 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU053148.D
 Acq: 27 Feb 2023 11:06

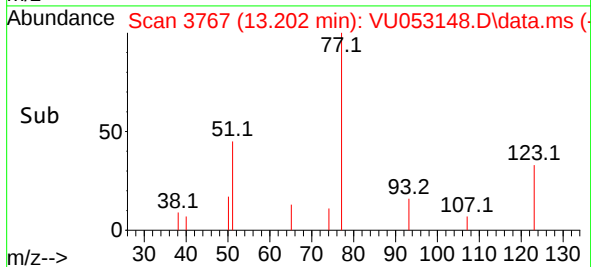
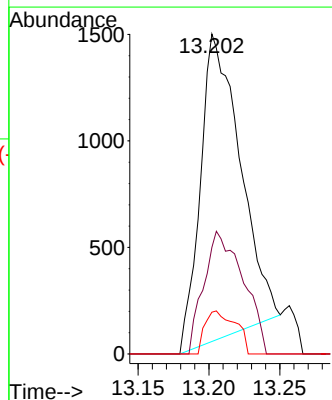
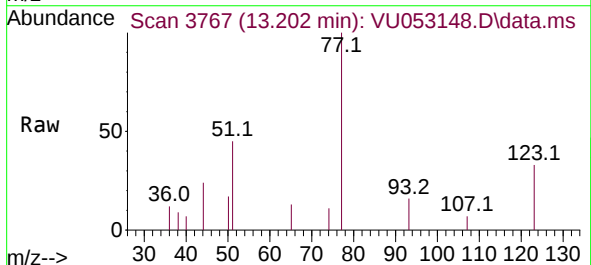
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

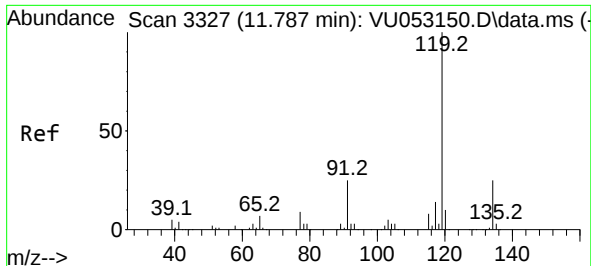
Tgt Ion:105 Resp: 79362
 Ion Ratio Lower Upper
 105 100
 134 17.7 14.4 21.6



#80
 Nitrobenzene
 Concen: 7.904 ug/l
 RT: 13.202 min Scan# 3767
 Delta R.T. -0.003 min
 Lab File: VU053148.D
 Acq: 27 Feb 2023 11:06

Tgt Ion: 77 Resp: 2808
 Ion Ratio Lower Upper
 77 100
 123 39.6 17.0 60.2
 65 10.8 12.9 16.5#

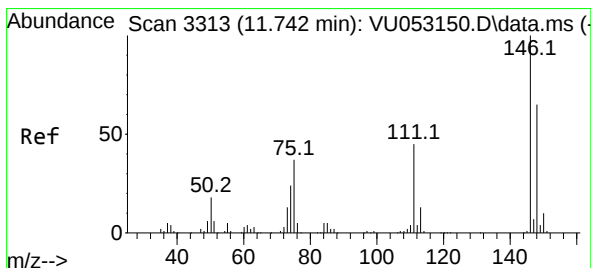
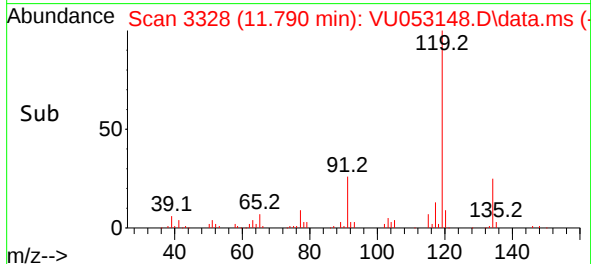
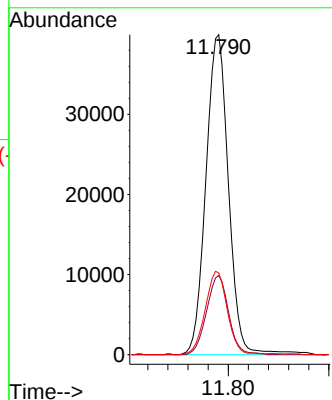
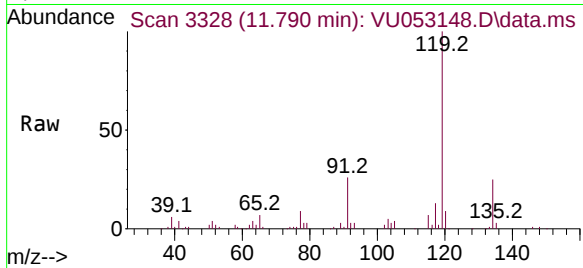




#81
p-Isopropyltoluene
Concen: 2.044 ug/l
RT: 11.790 min Scan# 3328
Delta R.T. 0.003 min
Lab File: VU053148.D
Acq: 27 Feb 2023 11:06

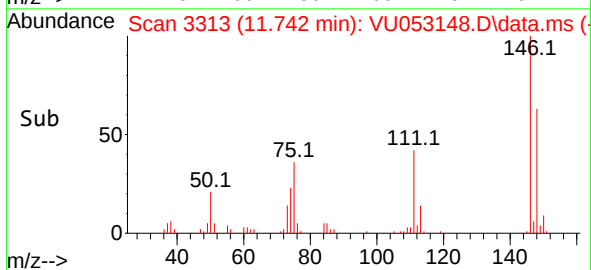
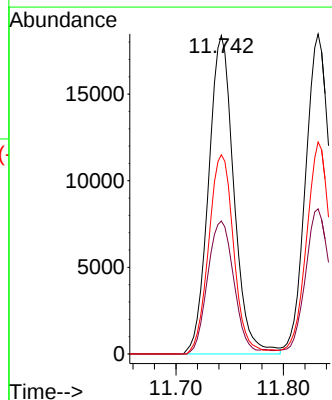
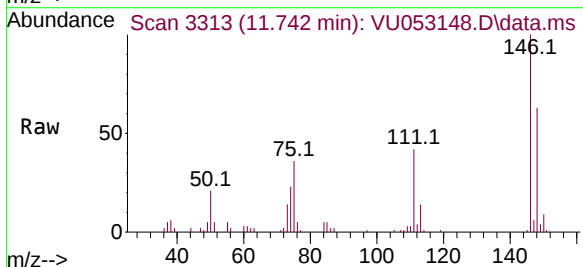
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

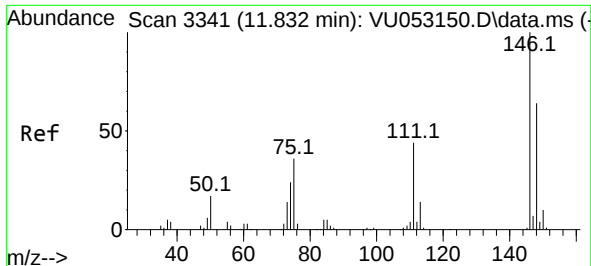
Tgt Ion:119 Resp: 61880
Ion Ratio Lower Upper
119 100
134 24.2 19.8 29.6
91 25.7 20.5 30.7



#82
1,3-Dichlorobenzene
Concen: 2.092 ug/l
RT: 11.742 min Scan# 3313
Delta R.T. -0.000 min
Lab File: VU053148.D
Acq: 27 Feb 2023 11:06

Tgt Ion:146 Resp: 30097
Ion Ratio Lower Upper
146 100
111 43.1 36.0 54.0
148 61.7 50.8 76.2

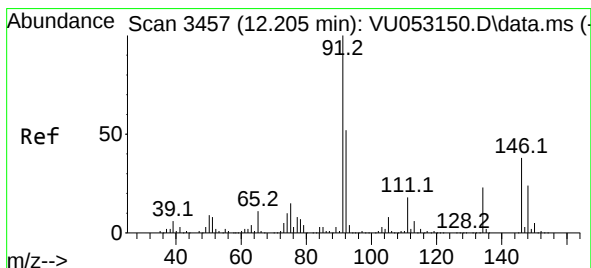
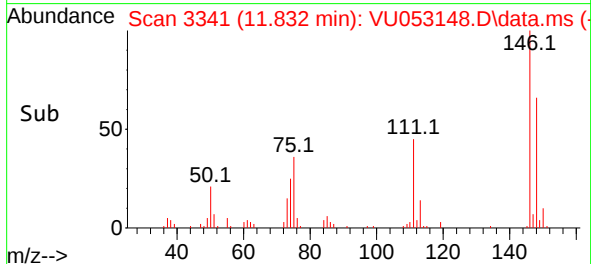
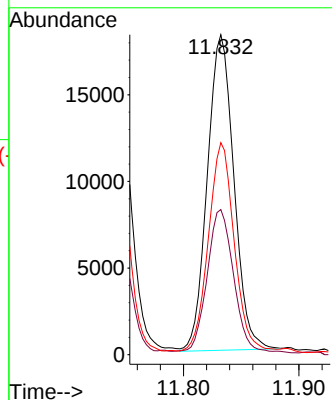
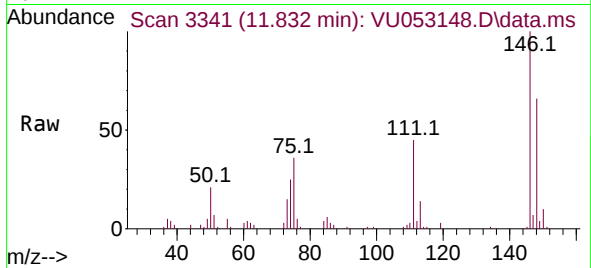




#83
1,4-Dichlorobenzene
Concen: 1.981 ug/l
RT: 11.832 min Scan# 3341
Delta R.T. -0.000 min
Lab File: VU053148.D
Acq: 27 Feb 2023 11:06

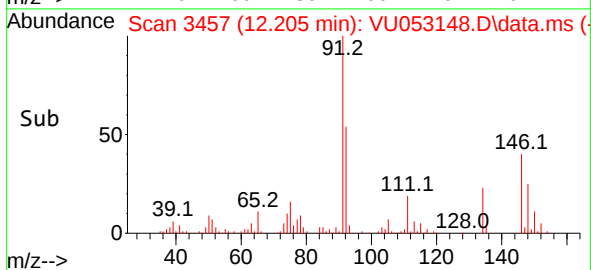
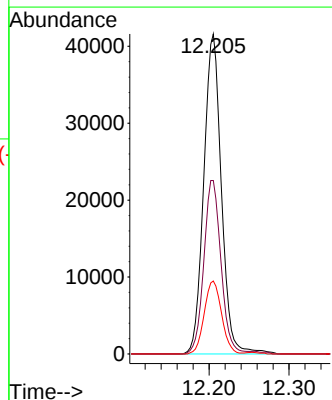
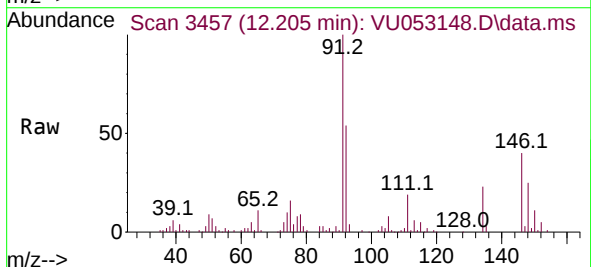
Instrument :
MSVOA_U
ClientSampleId :
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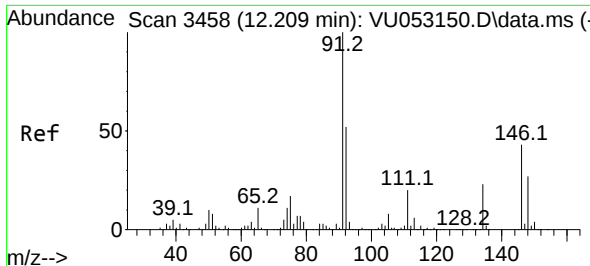
Tgt Ion:146 Resp: 29099
Ion Ratio Lower Upper
146 100
111 46.0 34.0 51.0
148 64.2 49.8 74.6



#84
n-Butylbenzene
Concen: 2.037 ug/l
RT: 12.205 min Scan# 3457
Delta R.T. -0.000 min
Lab File: VU053148.D
Acq: 27 Feb 2023 11:06

Tgt Ion: 91 Resp: 63893
Ion Ratio Lower Upper
91 100
92 52.8 41.8 62.6
134 22.5 17.9 26.9

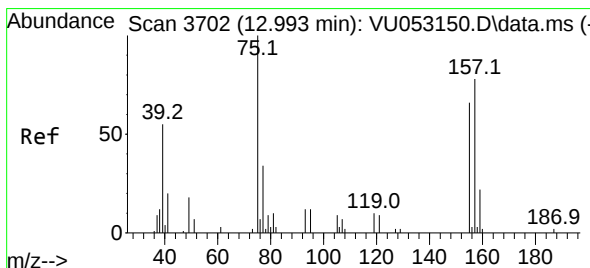
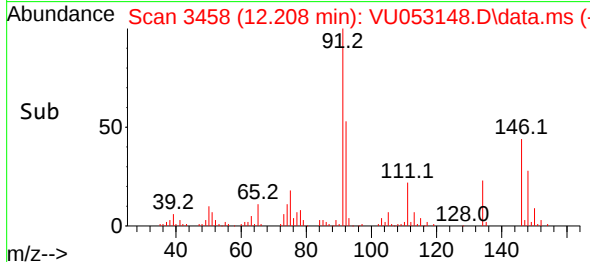
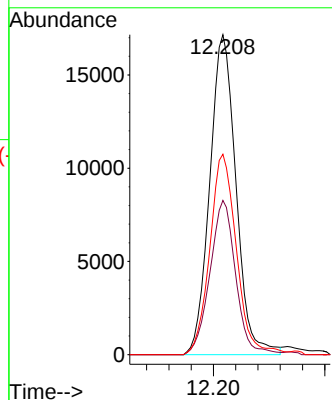
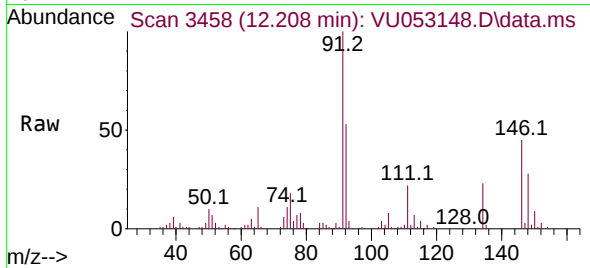




#85
 1,2-Dichlorobenzene
 Concen: 2.046 ug/l
 RT: 12.208 min Scan# 3458
 Delta R.T. -0.000 min
 Lab File: VU053148.D
 Acq: 27 Feb 2023 11:06

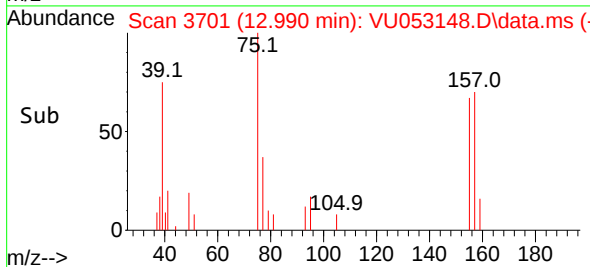
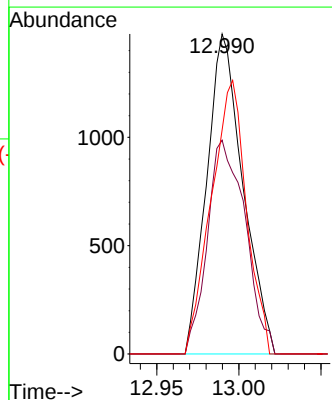
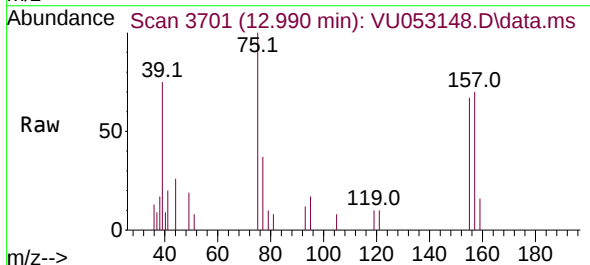
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

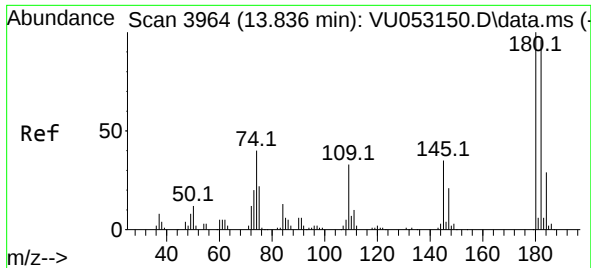
Tgt Ion:146 Resp: 28075
 Ion Ratio Lower Upper
 146 100
 111 47.2 23.2 69.6
 148 63.6 31.4 94.3



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 2.078 ug/l
 RT: 12.990 min Scan# 3701
 Delta R.T. -0.003 min
 Lab File: VU053148.D
 Acq: 27 Feb 2023 11:06

Tgt Ion: 75 Resp: 2259
 Ion Ratio Lower Upper
 75 100
 155 70.0 53.4 80.0
 157 83.4 61.7 92.5

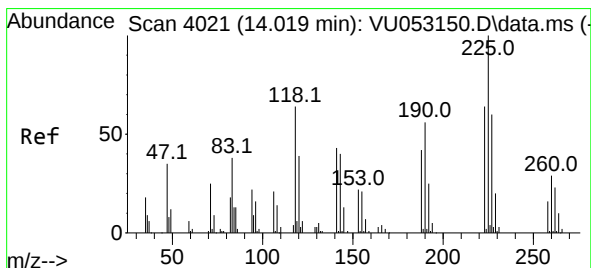
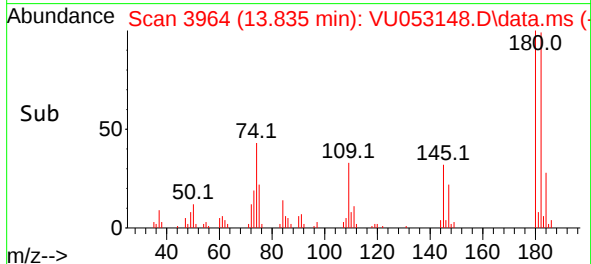
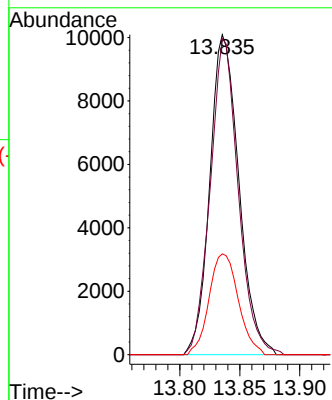
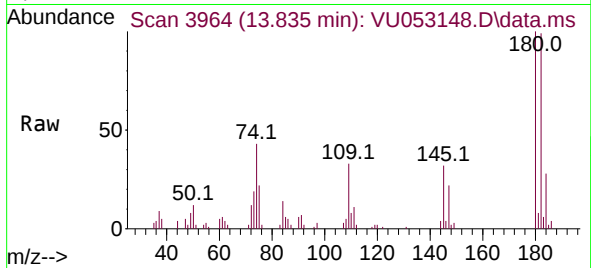




#87
1,2,4-Trichlorobenzene
Concen: 2.013 ug/l
RT: 13.835 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU053148.D
Acq: 27 Feb 2023 11:06

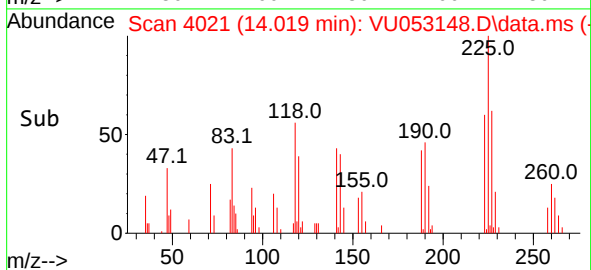
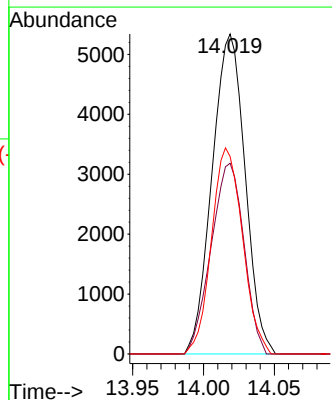
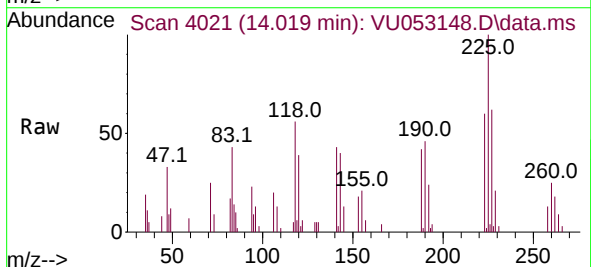
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

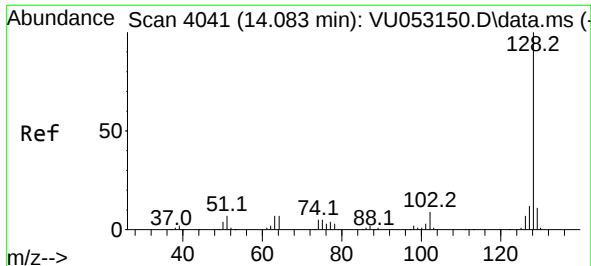
Tgt Ion:180 Resp: 16946
Ion Ratio Lower Upper
180 100
182 95.1 77.4 116.0
145 31.8 28.3 42.5



#88
Hexachlorobutadiene
Concen: 2.104 ug/l
RT: 14.019 min Scan# 4021
Delta R.T. -0.000 min
Lab File: VU053148.D
Acq: 27 Feb 2023 11:06

Tgt Ion:225 Resp: 8654
Ion Ratio Lower Upper
225 100
223 59.2 51.1 76.7
227 60.5 49.9 74.9

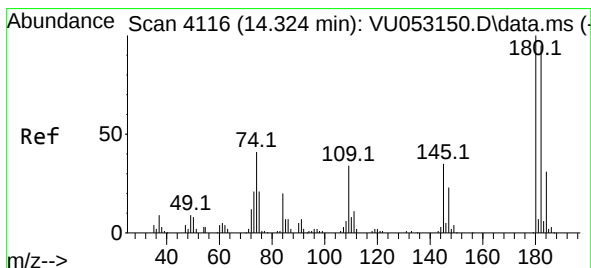
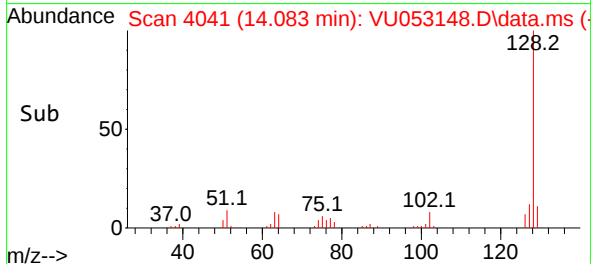
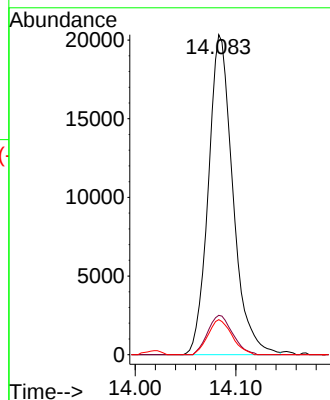
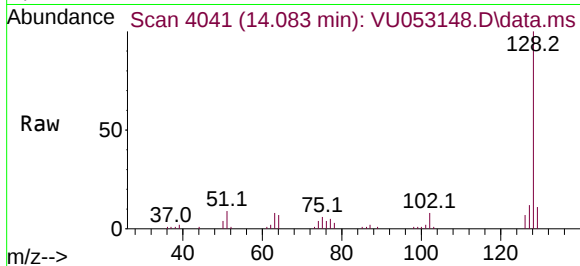




#89
Naphthalene
Concen: 1.914 ug/l
RT: 14.083 min Scan# 4041
Delta R.T. -0.000 min
Lab File: VU053148.D
Acq: 27 Feb 2023 11:06

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion:128	Resp:	34457
Ion	Ratio	Lower Upper
128	100	
127	12.5	9.9 14.9
129	10.7	8.3 12.5



#90
1,2,3-Trichlorobenzene
Concen: 2.021 ug/l
RT: 14.327 min Scan# 4117
Delta R.T. 0.003 min
Lab File: VU053148.D
Acq: 27 Feb 2023 11:06

Tgt Ion:180	Resp:	14974
Ion	Ratio	Lower Upper
180	100	
182	93.5	76.6 115.0
145	34.5	29.0 43.6

