

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022723\
 Data File : VU053149.D
 Acq On : 27 Feb 2023 11:37
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC005

Quant Time: Feb 28 01:54:57 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	28375	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	11598	0.969	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.000%	
68) 1,2-Dichlorobenzene-d4	12.189	152	9230	0.972	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	35625	4.946	ug/l	97
3) Chloromethane	1.521	50	35291	4.755	ug/l	99
4) Vinyl Chloride	1.604	62	38410	4.861	ug/l	99
5) Bromomethane	1.855	94	21564	4.794	ug/l	95
6) Chloroethane	1.932	64	24516	5.108	ug/l	96
7) Trichlorofluoromethane	2.138	101	54088	4.755	ug/l	96
8) 1,1,2-Trichloro-1,2,2-...	2.582	101	34327	4.827	ug/l	98
9) 1,1-Dichloroethene	2.582	96	29338	4.749	ug/l	94
10) Iodomethane	2.720	142	31898	5.020	ug/l	100
11) Allyl Chloride	2.919	41	45207	4.688	ug/l	98
12) Acrylonitrile	3.309	53	14717	9.284	ug/l	98
13) Acetone	2.620	43	52905	23.400	ug/l	100
14) Carbon Disulfide	2.791	76	67803	4.785	ug/l	100
15) Methylene Chloride	3.042	84	38372	4.346	ug/l	98
16) trans-1,2-Dichloroethene	3.350	96	33508	4.935	ug/l	96
17) 1,1-Dichloroethane	3.865	63	71658	4.824	ug/l	99
18) 2-Butanone	4.707	43	65444	24.110	ug/l	99
19) Cyclohexane	5.382	56	51889	4.379	ug/l	89
20) Methylcyclohexane	6.759	83	55243	4.851	ug/l	99
21) 2,2-Dichloropropane	4.659	77	64794	4.978	ug/l	100
22) cis-1,2-Dichloroethene	4.662	96	42044	5.018	ug/l	98
23) Diethyl Ether	2.376	59	24392	4.826	ug/l	97
24) tert-Butyl Alcohol	3.180	59	26965	45.419	ug/l	96
25) Methyl tert-Butyl Ether	3.363	73	87634	4.880	ug/l	98
26) Bromochloromethane	4.971	128	16655	5.140	ug/l	90
27) Chloroform	5.083	83	75085	4.906	ug/l	100
28) 1,1,1-Trichloroethane	5.308	97	64937	5.051	ug/l	98
29) 1,1-Dichloropropene	5.517	75	48535	5.037	ug/l	99
30) Carbon Tetrachloride	5.517	117	45817	5.175	ug/l	97
31) Isopropyl Ether	3.993	45	113988	4.810	ug/l	99
32) Ethyl-t-butyl ether	4.505	59	112420	5.005	ug/l	99
33) Tert-Amyl methyl ether	5.942	73	90652	5.086	ug/l	100
34) Propionitrile	4.778	54	14437	22.863	ug/l #	97
35) Benzene	5.768	78	142909	5.026	ug/l	100
36) 1,2-Dichloroethane	5.794	62	41574	4.892	ug/l	98
37) Trichloroethene	6.537	130	32214	4.938	ug/l	97
38) 1,2-Dichloropropane	6.787	63	39921	4.855	ug/l	99
39) Methacrylonitrile	4.974	41	12262	4.542	ug/l	94
40) Methyl acrylate	4.845	55	19705	4.733	ug/l #	96
41) Tetrahydrofuran	5.061	42	11987	9.076	ug/l	96
42) 1-Chlorobutane	5.453	56	67081	5.001	ug/l	98
43) Dibromomethane	6.916	93	17665	4.847	ug/l	98
44) Bromodichloromethane	7.103	83	49615	4.977	ug/l	97

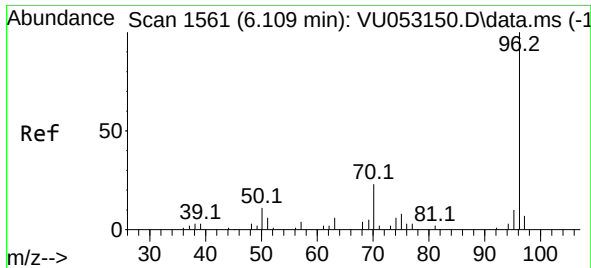
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022723\
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Quant Time: Feb 28 01:54:57 2023
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.794	43	105993	23.820	ug/l	99
46) t-1,4-Dichloro-2-butene	10.823	75	45740	20.399	ug/l #	58
47) Methyl methacrylate	6.961	69	36408	9.705	ug/l	97
48) Ethyl methacrylate	8.334	69	38600	5.014	ug/l	100
49) Toluene	7.964	92	84974	4.853	ug/l	95
50) t-1,3-Dichloropropene	8.209	75	47454	4.900	ug/l	99
51) cis-1,3-Dichloropropene	7.604	75	57175	4.871	ug/l	97
52) 1,1,2-Trichloroethane	8.398	97	26319	4.916	ug/l	95
53) 1,3-Dichloropropane	8.572	76	47034	4.901	ug/l	99
54) 2-Hexanone	8.685	43	91627	24.168	ug/l	99
55) Dibromochloromethane	8.807	129	29507	4.831	ug/l	97
56) 1,2-Dibromoethane	8.919	107	22945	4.825	ug/l	98
58) Tetrachloroethene	8.549	164	25127	4.830	ug/l	96
59) Chlorobenzene	9.443	112	96524	4.930	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.530	131	32228	4.983	ug/l	97
61) Pentachloroethane	11.424	117	27235	4.846	ug/l	97
62) Hexachloroethane	12.472	117	30174	4.870	ug/l	99
63) Ethyl Benzene	9.566	91	176049	4.872	ug/l	97
64) m/p-Xylenes	9.691	106	129121	9.852	ug/l	99
65) o-Xylene	10.096	106	65193	4.871	ug/l	99
66) Styrene	10.112	104	106184	5.004	ug/l	99
67) Bromoform	10.286	173	15053	5.068	ug/l	94
69) Isopropylbenzene	10.479	105	177808	4.960	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.778	83	36164	5.013	ug/l	97
71) 1,2,3-Trichloropropane	10.823	75	45740	7.592	ug/l	77
72) Bromobenzene	10.778	156	34819	5.005	ug/l	99
73) n-propylbenzene	10.903	120	46802	4.921	ug/l	97
74) 2-Chlorotoluene	10.983	126	38795	4.926	ug/l	99
75) 1,3,5-Trimethylbenzene	11.083	105	149395	5.008	ug/l	99
76) 4-Chlorotoluene	11.093	126	40505	4.893	ug/l	94
77) tert-Butylbenzene	11.418	119	145301	4.971	ug/l	99
78) 1,2,4-Trimethylbenzene	11.463	105	149788	4.927	ug/l	99
79) sec-Butylbenzene	11.639	105	203107	5.007	ug/l	99
80) Nitrobenzene	13.205	77	8520	22.597	ug/l #	94
81) p-Isopropyltoluene	11.787	119	158368	4.928	ug/l	100
82) 1,3-Dichlorobenzene	11.742	146	75906	4.970	ug/l	99
83) 1,4-Dichlorobenzene	11.832	146	78935	5.063	ug/l	98
84) n-Butylbenzene	12.205	91	166296	4.995	ug/l	99
85) 1,2-Dichlorobenzene	12.209	146	73000	5.013	ug/l	100
86) 1,2-Dibromo-3-Chloropr...	12.993	75	6285	4.799	ug/l	94
87) 1,2,4-Trichlorobenzene	13.835	180	43495	4.867	ug/l	99
88) Hexachlorobutadiene	14.015	225	21101	4.834	ug/l	98
89) Naphthalene	14.083	128	91553	4.791	ug/l	98
90) 1,2,3-Trichlorobenzene	14.324	180	39042	4.965	ug/l	98

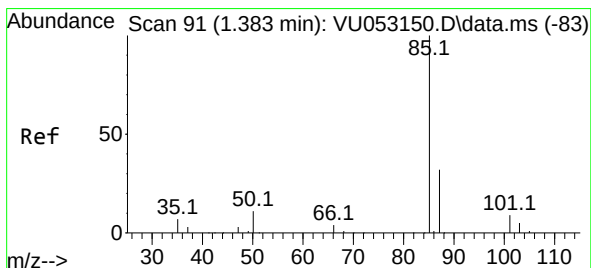
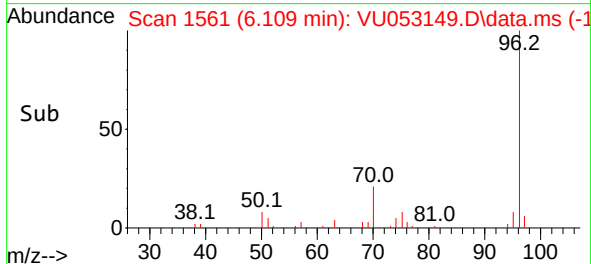
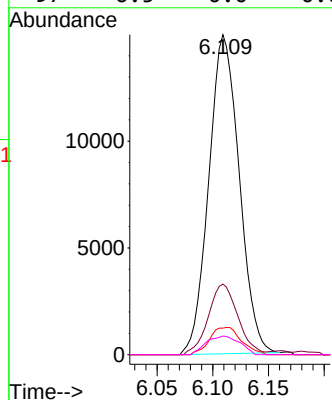
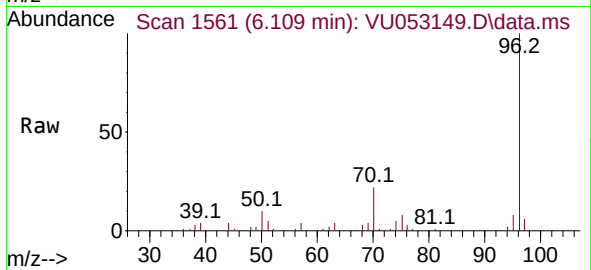
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.109 min Scan# 1561
Delta R.T. 0.000 min
Lab File: VU053149.D
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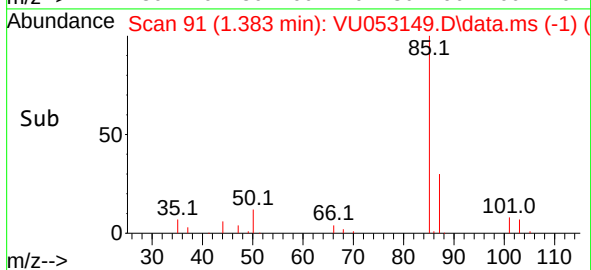
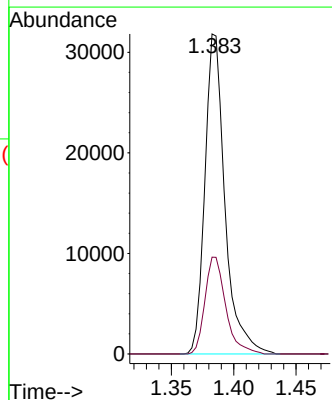
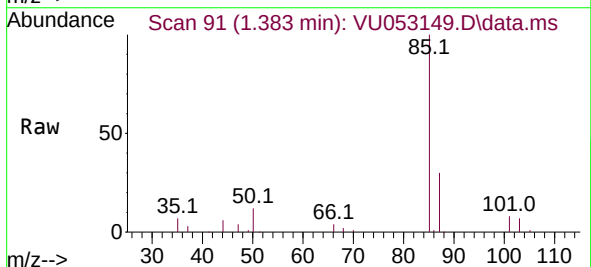
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

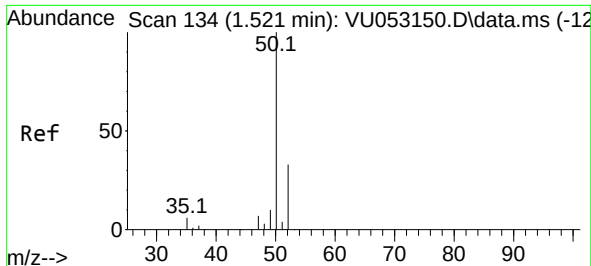
Tgt Ion: 96	Resp: 28375
Ion Ratio	Lower Upper
96 100	
70 20.6	15.5 23.3
95 8.9	7.0 10.6
97 6.5	0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 4.946 ug/l
RT: 1.383 min Scan# 91
Delta R.T. -0.000 min
Lab File: VU053149.D
Acq: 27 Feb 2023 11:37

Tgt Ion: 85	Resp: 35625
Ion Ratio	Lower Upper
85 100	
87 30.2	16.1 48.2

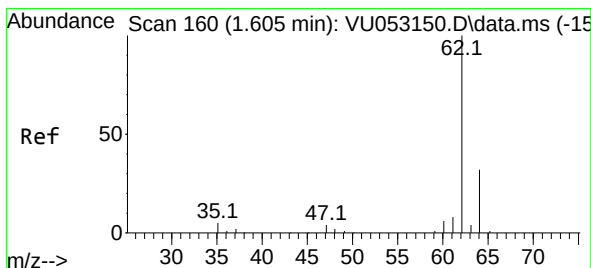
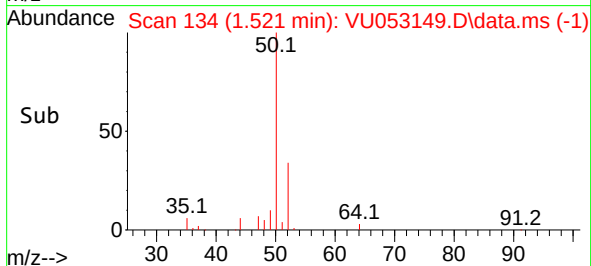
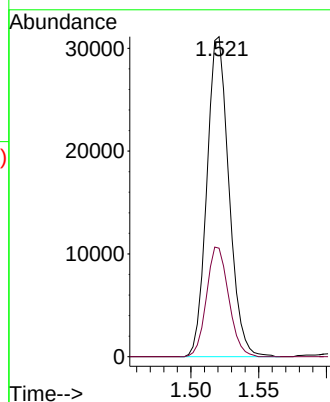
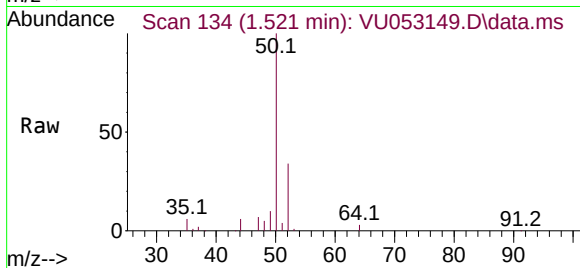




#3
Chloromethane
Concen: 4.755 ug/l
RT: 1.521 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU053149.D
Acq: 27 Feb 2023 11:37

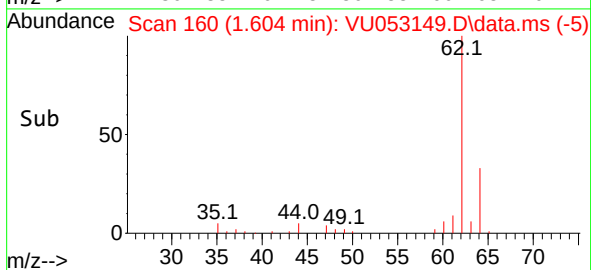
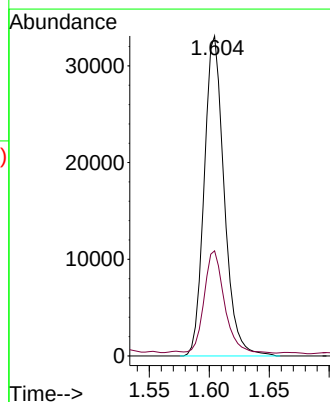
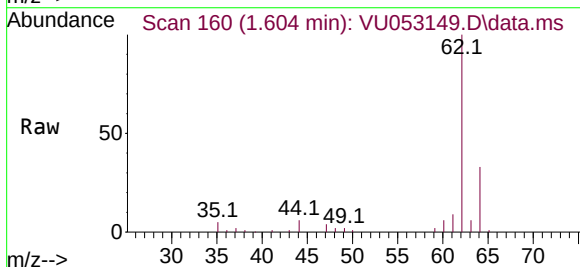
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

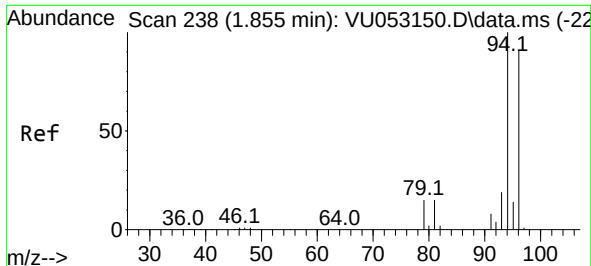
Tgt Ion: 50 Resp: 35291
Ion Ratio Lower Upper
50 100
52 33.9 26.7 40.1



#4
Vinyl Chloride
Concen: 4.861 ug/l
RT: 1.604 min Scan# 160
Delta R.T. -0.000 min
Lab File: VU053149.D
Acq: 27 Feb 2023 11:37

Tgt Ion: 62 Resp: 38410
Ion Ratio Lower Upper
62 100
64 31.8 25.8 38.6

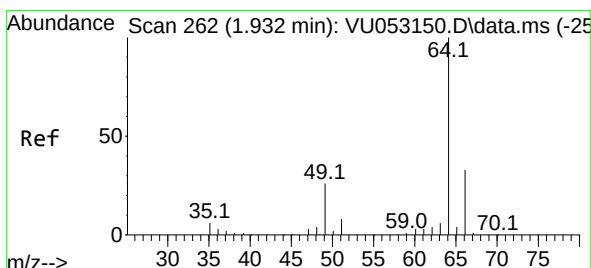
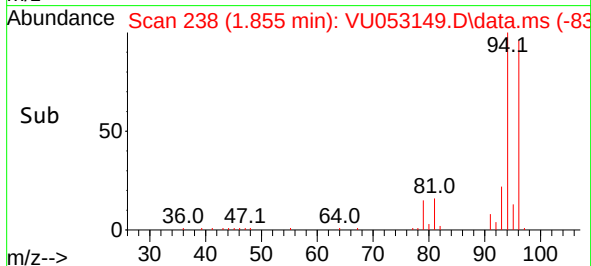
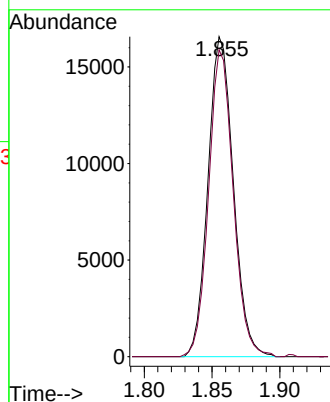
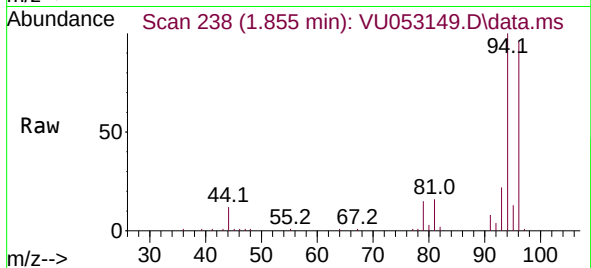




#5
Bromomethane
Concen: 4.794 ug/l
RT: 1.855 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU053149.D
Acq: 27 Feb 2023 11:37

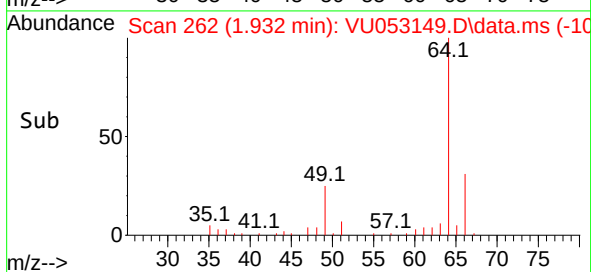
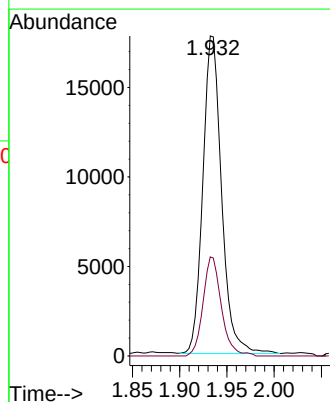
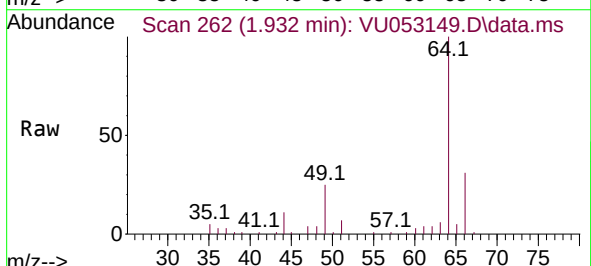
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MSVOA_U
ClientSampleId :
VSTDIC005

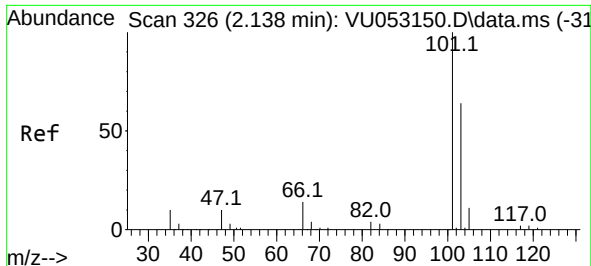
Tgt Ion: 94 Resp: 21564
Ion Ratio Lower Upper
94 100
96 95.9 72.6 108.8



#6
Chloroethane
Concen: 5.108 ug/l
RT: 1.932 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU053149.D
Acq: 27 Feb 2023 11:37

Tgt Ion: 64 Resp: 24516
Ion Ratio Lower Upper
64 100
66 31.2 26.8 40.2

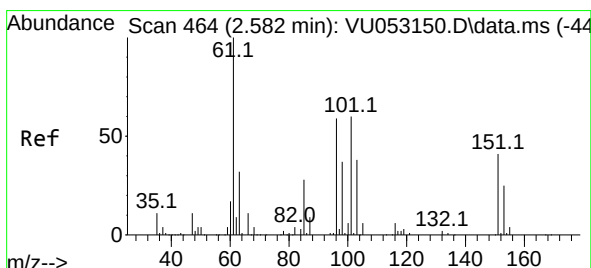
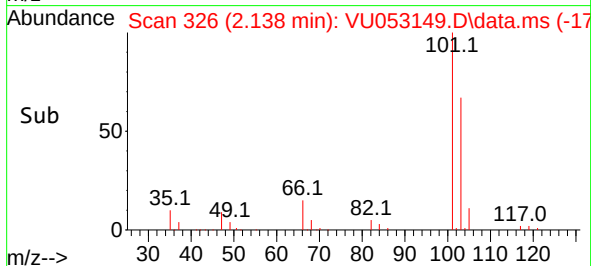
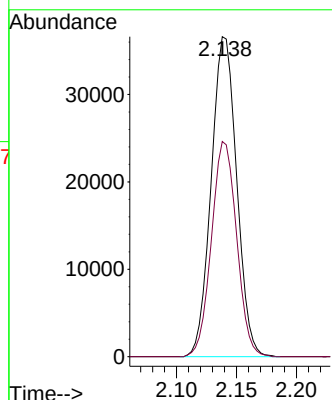
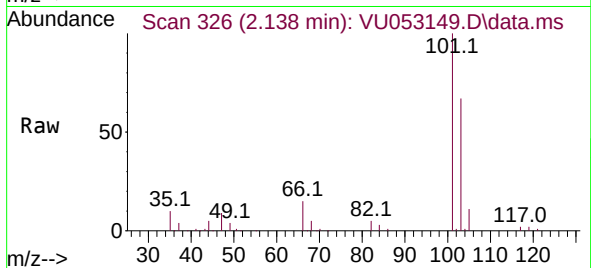




#7
 Trichlorofluoromethane
 Concen: 4.755 ug/l
 RT: 2.138 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU053149.D
 Acq: 27 Feb 2023 11:37

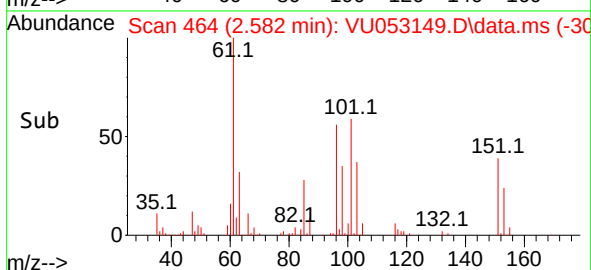
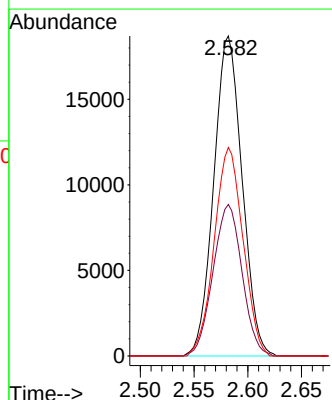
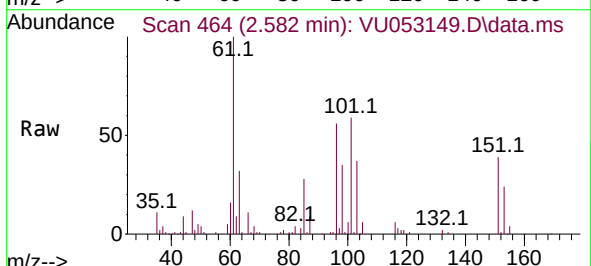
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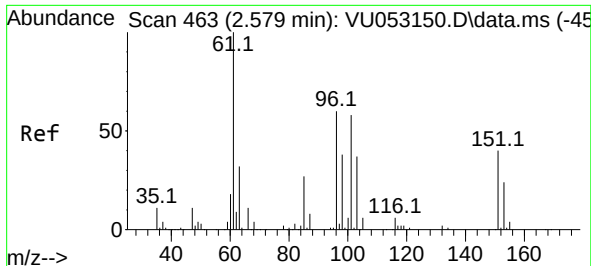
Tgt Ion:101 Resp: 54088
 Ion Ratio Lower Upper
 101 100
 103 67.3 51.2 76.8



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.827 ug/l
 RT: 2.582 min Scan# 464
 Delta R.T. -0.000 min
 Lab File: VU053149.D
 Acq: 27 Feb 2023 11:37

Tgt Ion:101 Resp: 34327
 Ion Ratio Lower Upper
 101 100
 85 48.5 37.3 55.9
 151 66.2 52.4 78.6

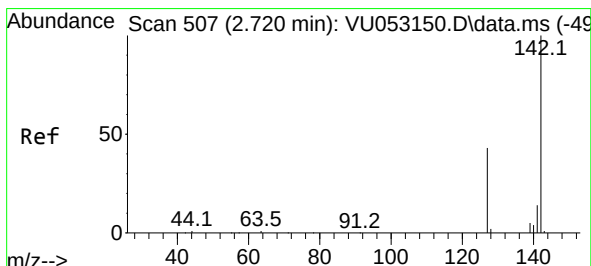
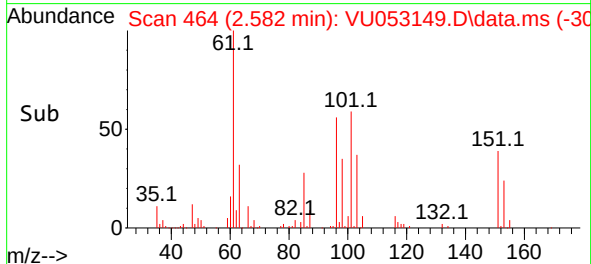
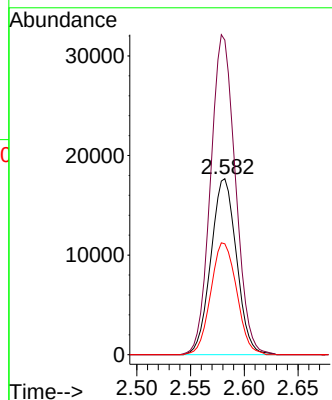
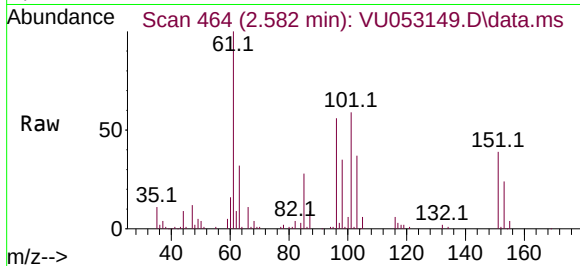




#9
1,1-Dichloroethene
Concen: 4.749 ug/l
RT: 2.582 min Scan# 463
Delta R.T. 0.003 min
Lab File: VU053149.D
Acq: 27 Feb 2023 11:37

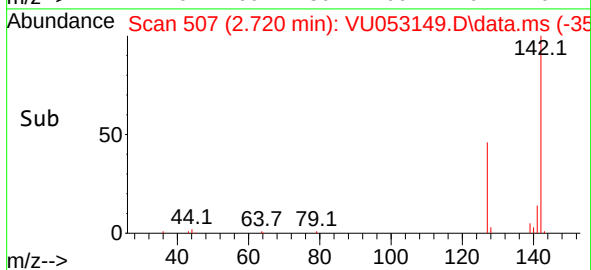
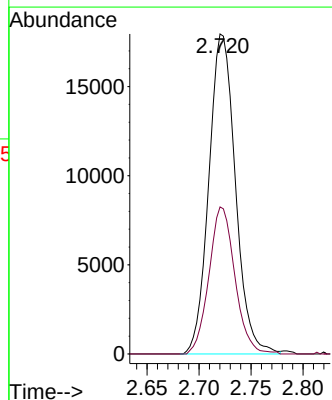
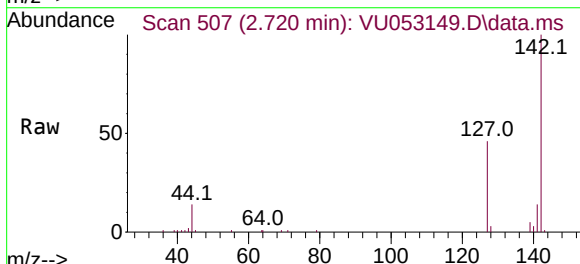
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ClientSampleId :
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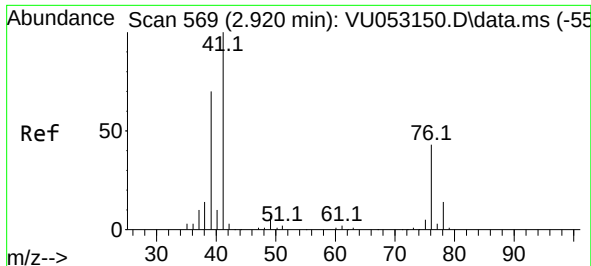
Tgt Ion: 96 Resp: 29338
Ion Ratio Lower Upper
96 100
61 178.6 0.0 502.5
98 63.0 0.0 126.2



#10
Iodomethane
Concen: 5.020 ug/l
RT: 2.720 min Scan# 507
Delta R.T. -0.000 min
Lab File: VU053149.D
Acq: 27 Feb 2023 11:37

Tgt Ion: 142 Resp: 31898
Ion Ratio Lower Upper
142 100
127 44.9 35.8 53.8





#11

Allyl Chloride

Concen: 4.688 ug/l

RT: 2.919 min Scan# 5

Delta R.T. -0.000 min

Lab File: VU053149.D

Acq: 27 Feb 2023 11:37

Instrument :

MSVOA_U

ClientSampleId :

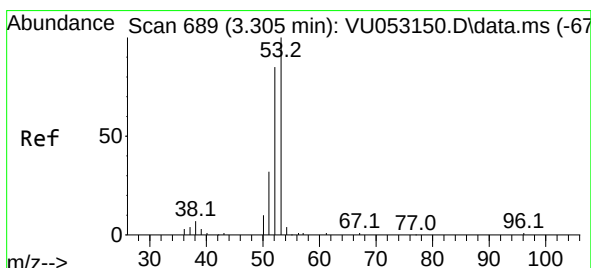
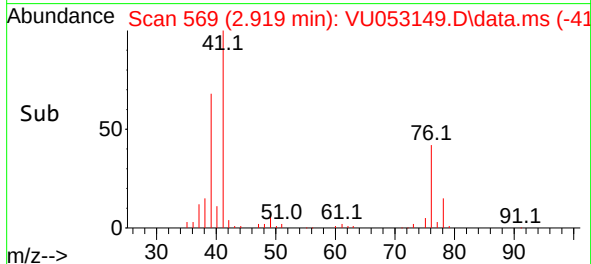
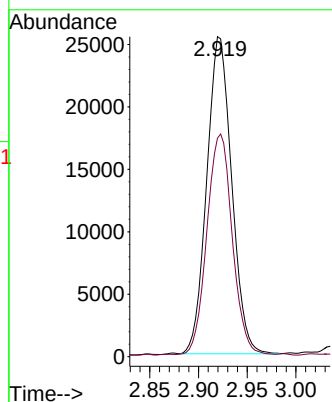
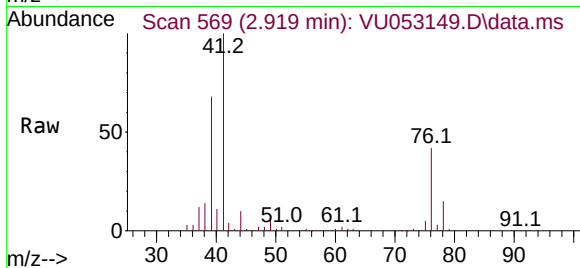
VSTDICC005

Tgt Ion: 41 Resp: 45207

Ion Ratio Lower Upper

41 100

39 70.5 55.3 82.9



#12

Acrylonitrile

Concen: 9.284 ug/l

RT: 3.309 min Scan# 690

Delta R.T. 0.003 min

Lab File: VU053149.D

Acq: 27 Feb 2023 11:37

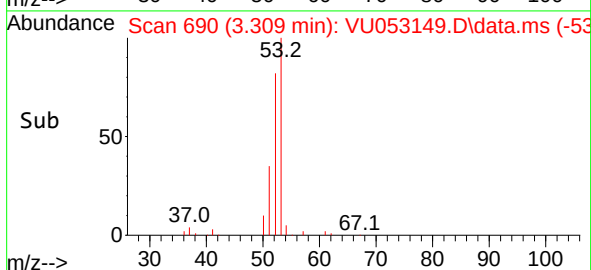
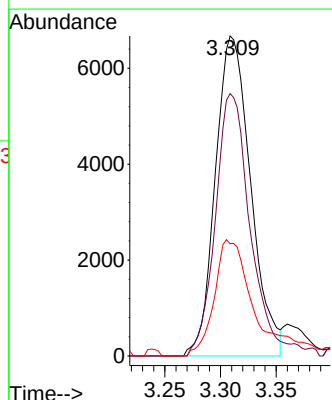
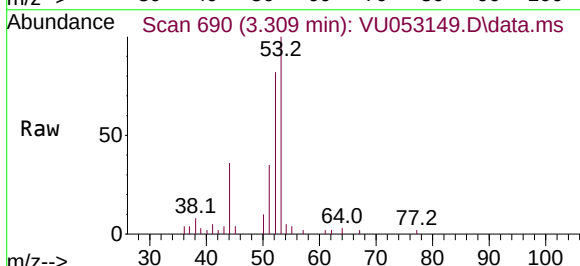
Tgt Ion: 53 Resp: 14717

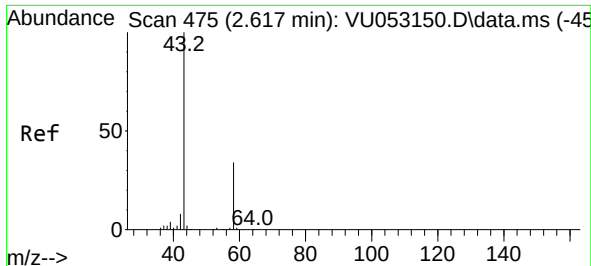
Ion Ratio Lower Upper

53 100

52 81.2 65.9 98.9

51 41.4 31.8 47.8





#13

Acetone

Concen: 23.400 ug/l

RT: 2.620 min Scan# 476

Delta R.T. 0.003 min

Lab File: VU053149.D

Acq: 27 Feb 2023 11:37

Instrument :

MSVOA_U

ClientSampleId :

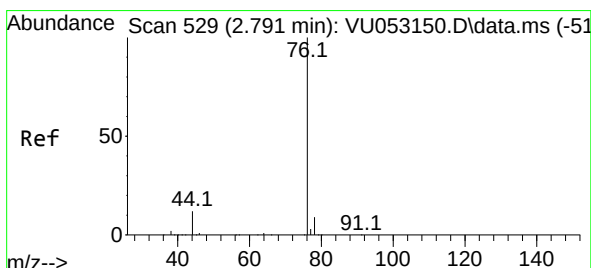
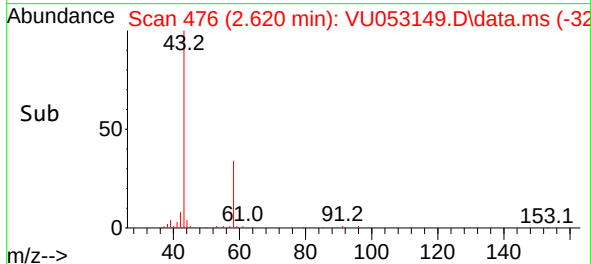
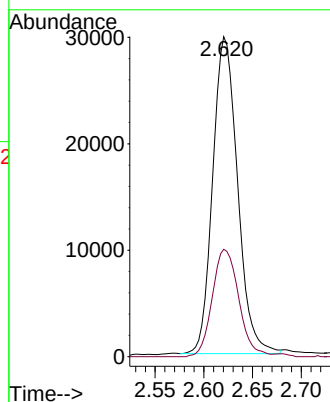
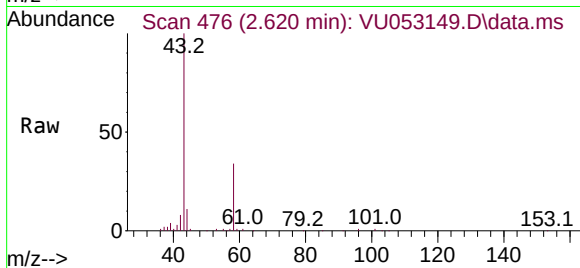
VSTDIC005

Tgt Ion: 43 Resp: 52905

Ion Ratio Lower Upper

43 100

58 33.9 27.2 40.8



#14

Carbon Disulfide

Concen: 4.785 ug/l

RT: 2.791 min Scan# 529

Delta R.T. -0.000 min

Lab File: VU053149.D

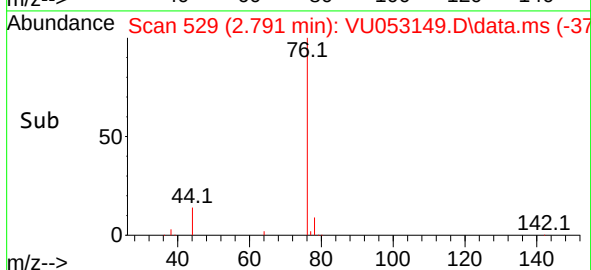
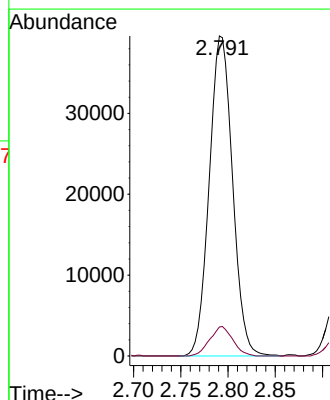
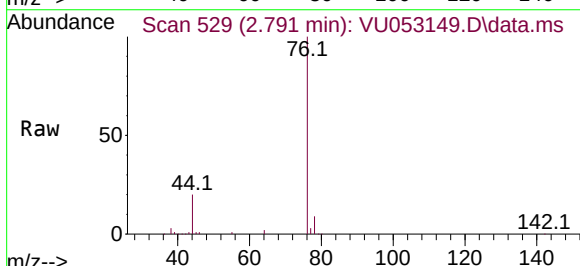
Acq: 27 Feb 2023 11:37

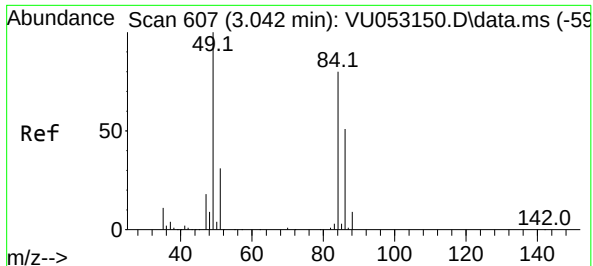
Tgt Ion: 76 Resp: 67803

Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8

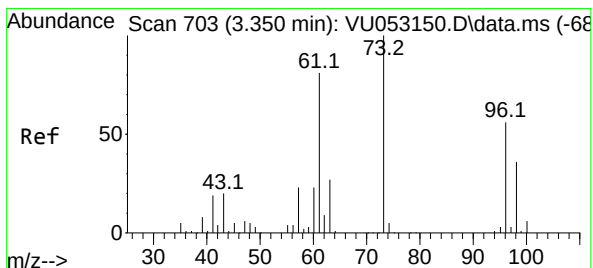
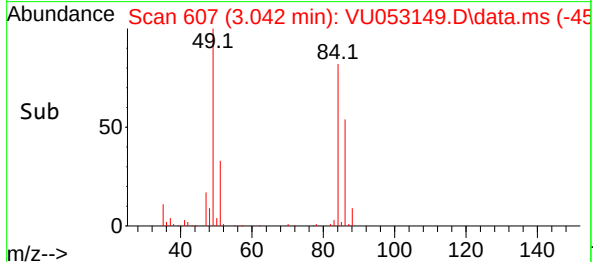
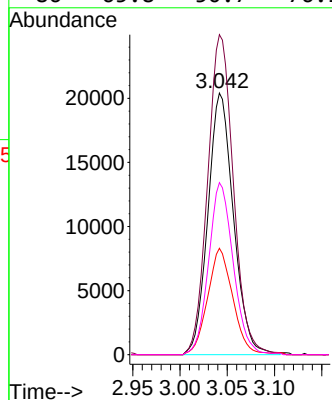
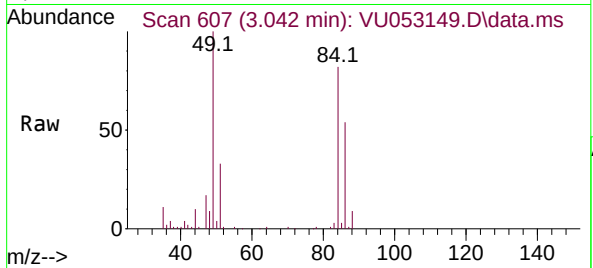




#15
Methylene Chloride
Concen: 4.346 ug/l
RT: 3.042 min Scan# 607
Delta R.T. -0.000 min
Lab File: VU053149.D
Acq: 27 Feb 2023 11:37

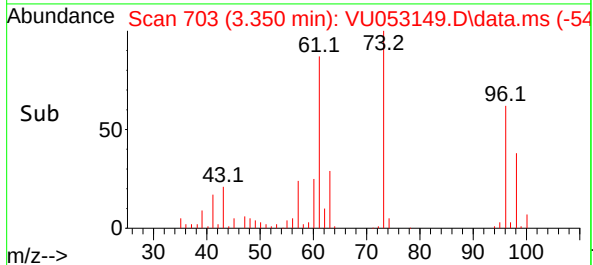
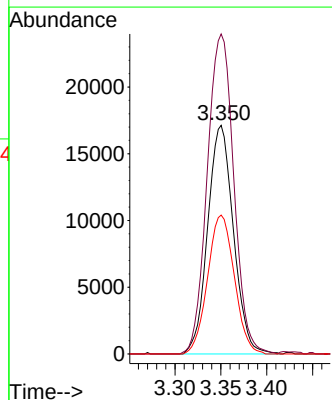
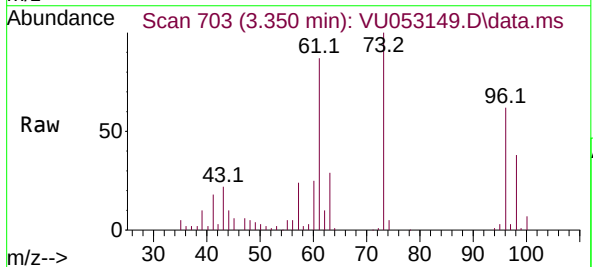
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

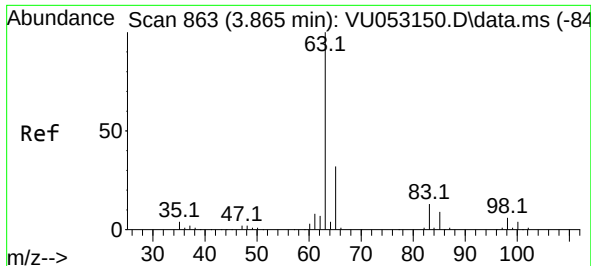
Tgt Ion:	84	Resp:	38372
Ion	Ratio	Lower	Upper
84	100		
49	122.3	99.5	149.3
51	40.7	0.0	76.8
86	65.8	50.7	76.1



#16
trans-1,2-Dichloroethene
Concen: 4.935 ug/l
RT: 3.350 min Scan# 703
Delta R.T. -0.000 min
Lab File: VU053149.D
Acq: 27 Feb 2023 11:37

Tgt Ion:	96	Resp:	33508
Ion	Ratio	Lower	Upper
96	100		
61	139.9	116.1	174.1
98	60.7	51.4	77.2

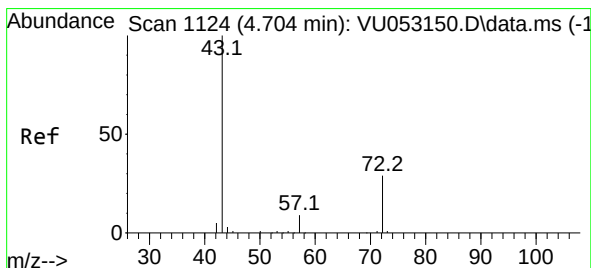
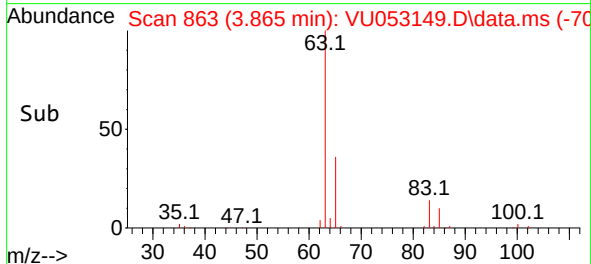
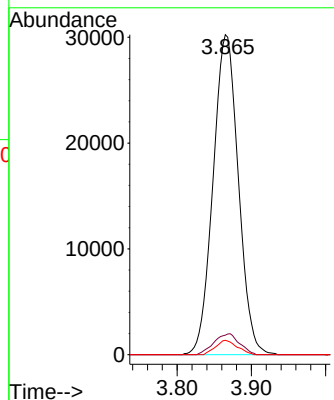
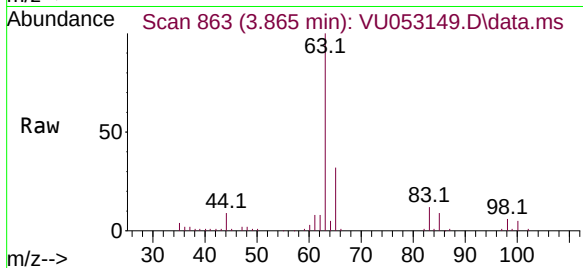




#17
1,1-Dichloroethane
Concen: 4.824 ug/l
RT: 3.865 min Scan# 863
Delta R.T. -0.000 min
Lab File: VU053149.D
Acq: 27 Feb 2023 11:37

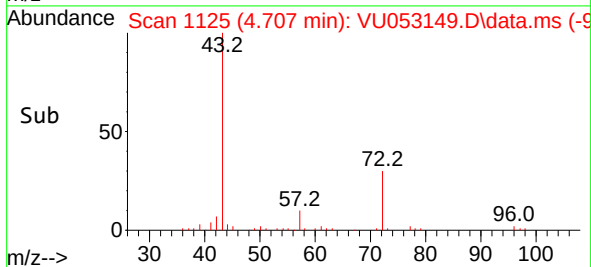
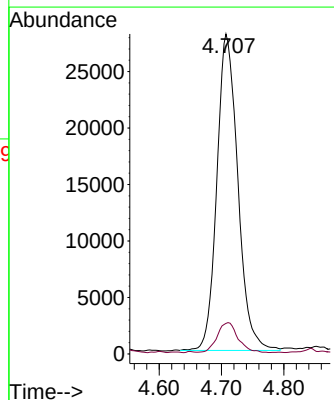
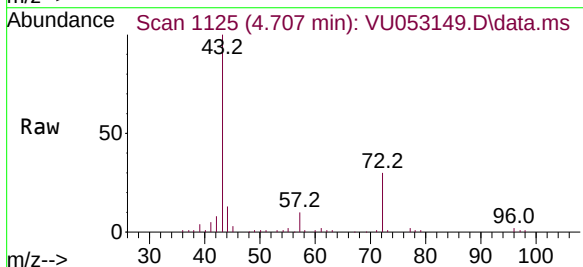
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

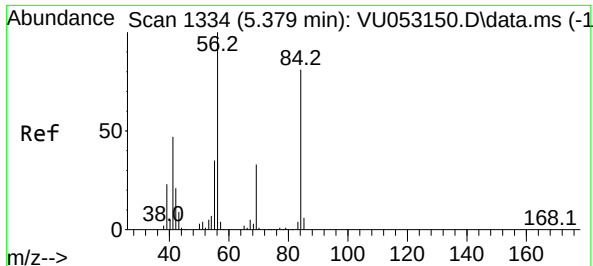
Tgt Ion: 63 Resp: 71658
Ion Ratio Lower Upper
63 100
98 6.1 3.1 9.4
100 4.5 2.1 6.2



#18
2-Butanone
Concen: 24.110 ug/l
RT: 4.707 min Scan# 1125
Delta R.T. 0.003 min
Lab File: VU053149.D
Acq: 27 Feb 2023 11:37

Tgt Ion: 43 Resp: 65444
Ion Ratio Lower Upper
43 100
57 9.1 0.0 17.6





#19

Cyclohexane

Concen: 4.379 ug/l

RT: 5.382 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU053149.D

Acq: 27 Feb 2023 11:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

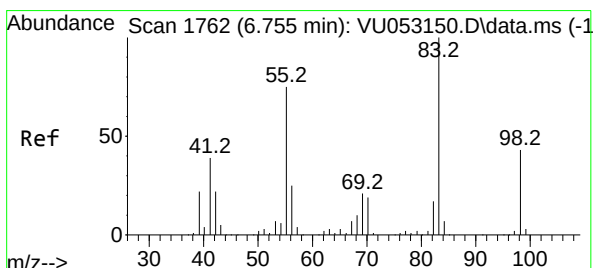
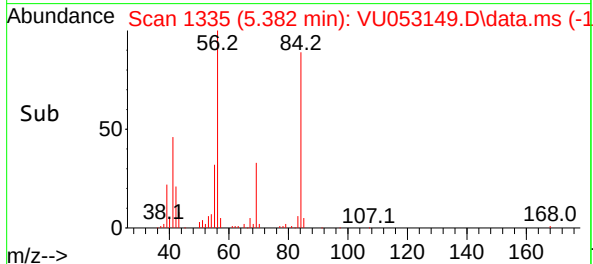
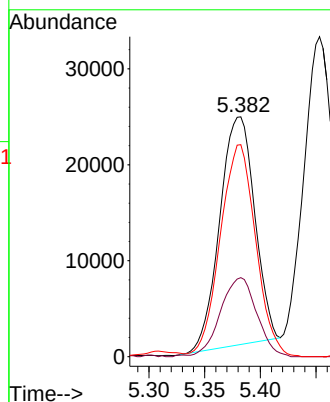
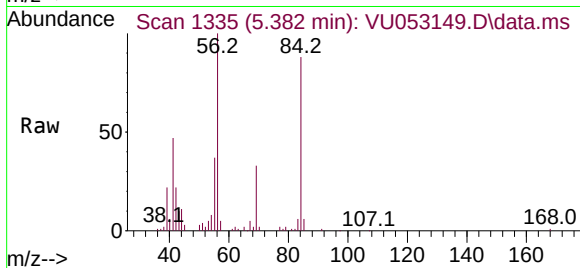
Tgt Ion: 56 Resp: 51889

Ion Ratio Lower Upper

56 100

69 35.1 26.1 39.1

84 92.6 64.7 97.1



#20

Methylcyclohexane

Concen: 4.851 ug/l

RT: 6.759 min Scan# 1763

Delta R.T. 0.003 min

Lab File: VU053149.D

Acq: 27 Feb 2023 11:37

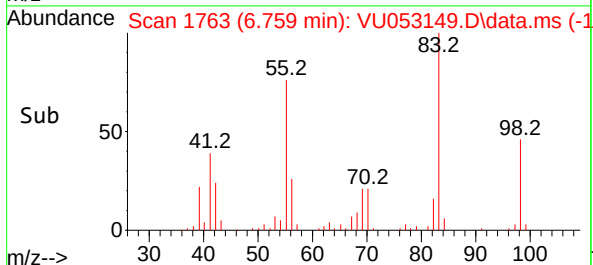
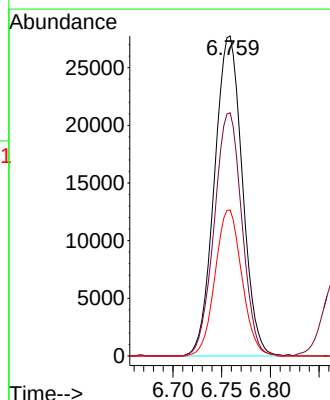
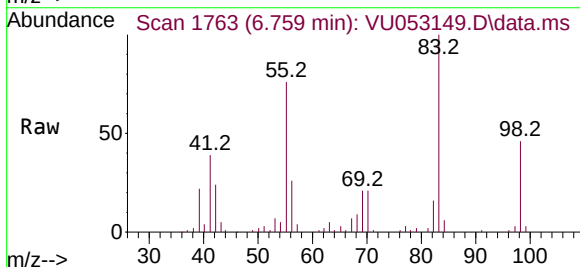
Tgt Ion: 83 Resp: 55243

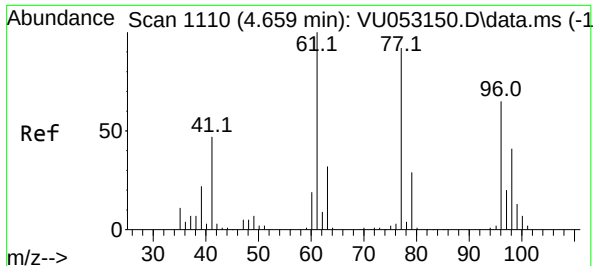
Ion Ratio Lower Upper

83 100

55 75.6 60.2 90.2

98 43.9 33.9 50.9





#21

2,2-Dichloropropane

Concen: 4.978 ug/l

RT: 4.659 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VU053149.D

Acq: 27 Feb 2023 11:37

Instrument :

MSVOA_U

ClientSampleId :

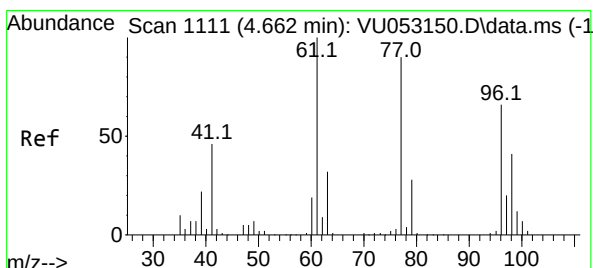
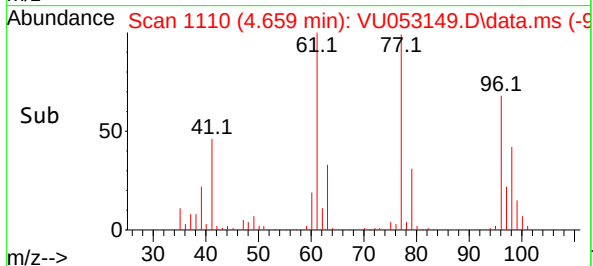
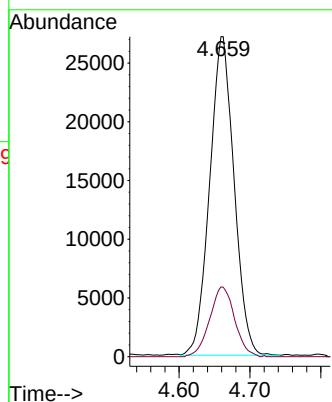
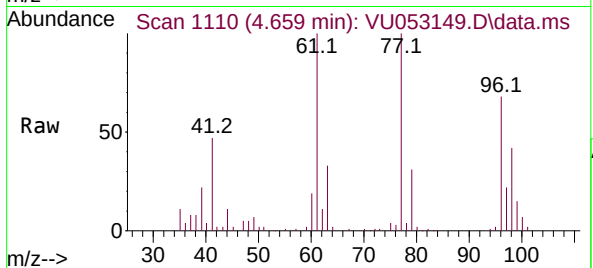
VSTDIC005

Tgt Ion: 77 Resp: 64794

Ion Ratio Lower Upper

77 100

97 22.4 17.9 26.9



#22

cis-1,2-Dichloroethene

Concen: 5.018 ug/l

RT: 4.662 min Scan# 1111

Delta R.T. -0.000 min

Lab File: VU053149.D

Acq: 27 Feb 2023 11:37

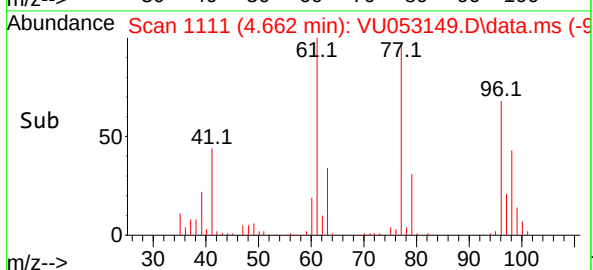
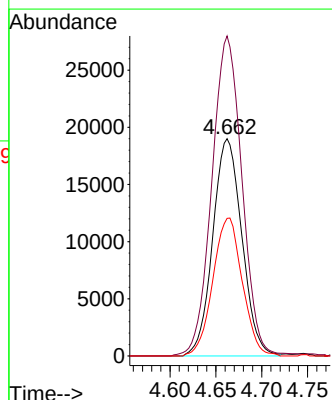
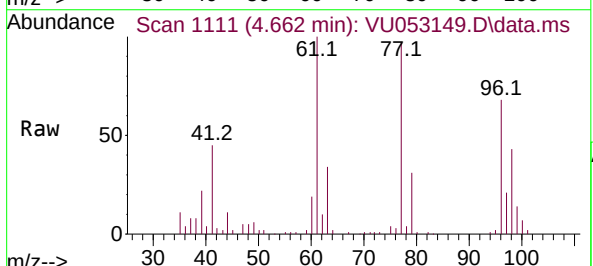
Tgt Ion: 96 Resp: 42044

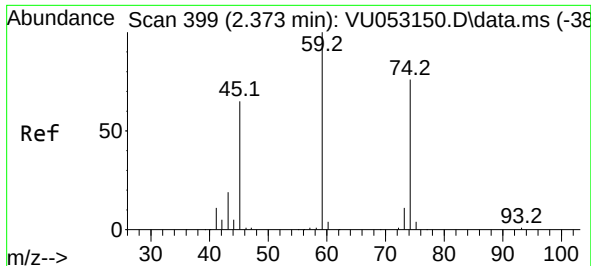
Ion Ratio Lower Upper

96 100

61 152.2 0.0 390.5

98 64.0 31.9 95.9

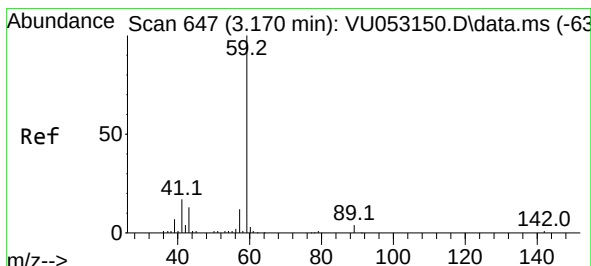
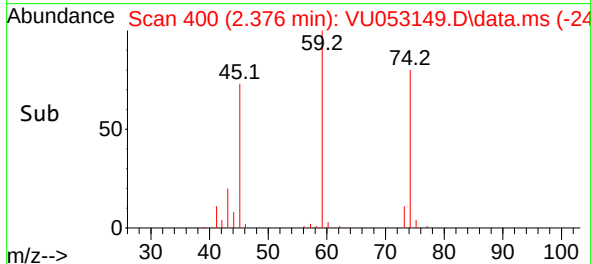
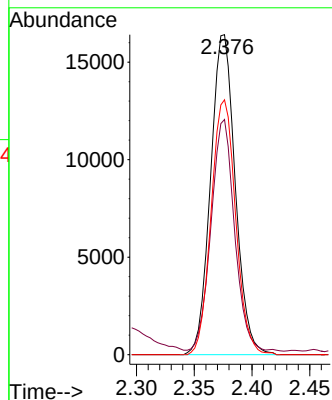
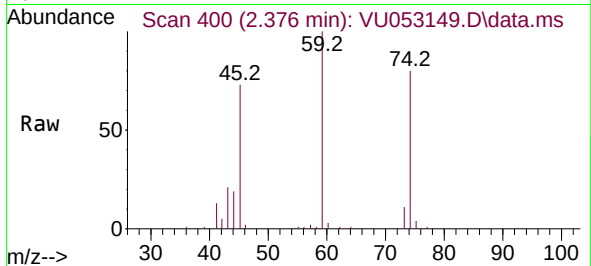




#23
Diethyl Ether
Concen: 4.826 ug/l
RT: 2.376 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU053149.D
Acq: 27 Feb 2023 11:37

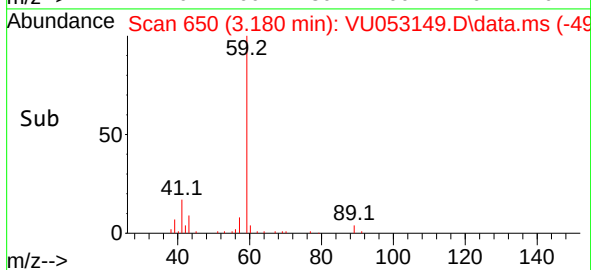
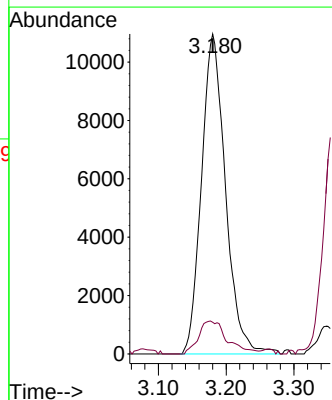
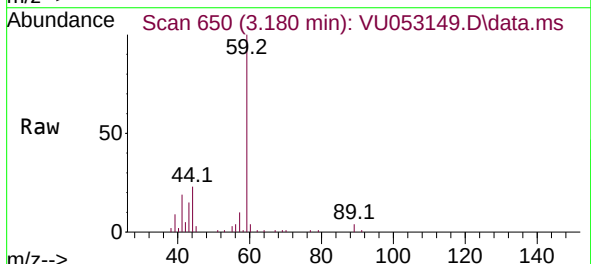
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

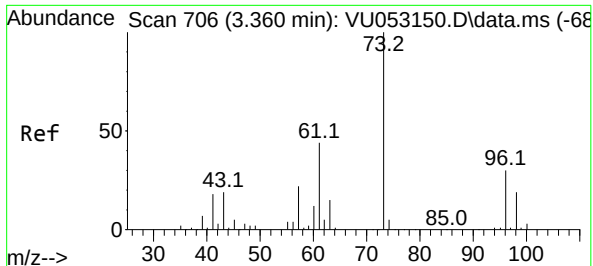
Tgt Ion: 59 Resp: 24392
Ion Ratio Lower Upper
59 100
45 69.0 54.2 81.2
74 79.1 60.4 90.6



#24
tert-Butyl Alcohol
Concen: 45.419 ug/l
RT: 3.180 min Scan# 650
Delta R.T. 0.010 min
Lab File: VU053149.D
Acq: 27 Feb 2023 11:37

Tgt Ion: 59 Resp: 26965
Ion Ratio Lower Upper
59 100
57 12.3 8.7 13.1

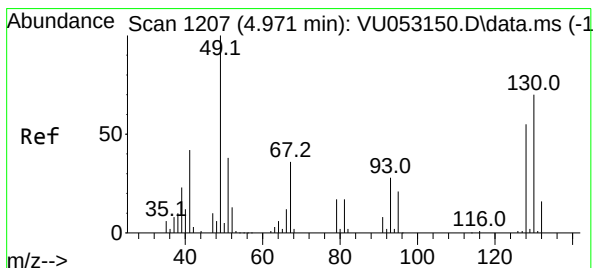
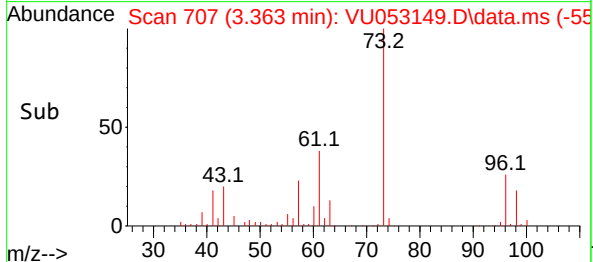
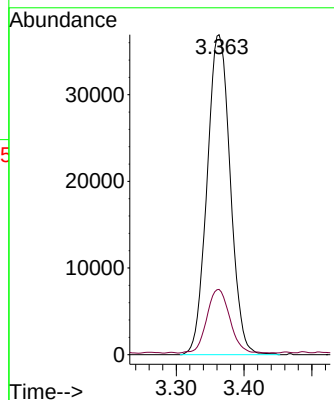
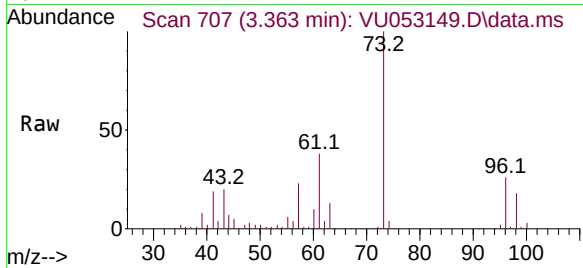




#25
Methyl tert-Butyl Ether
Concen: 4.880 ug/l
RT: 3.363 min Scan# 706
Delta R.T. 0.003 min
Lab File: VU053149.D
Acq: 27 Feb 2023 11:37

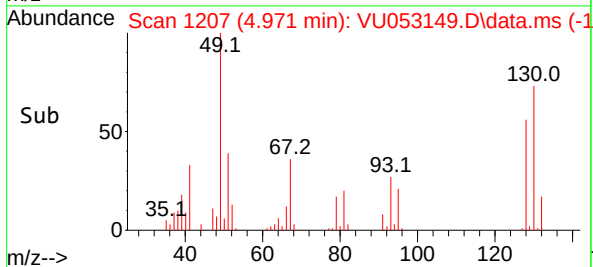
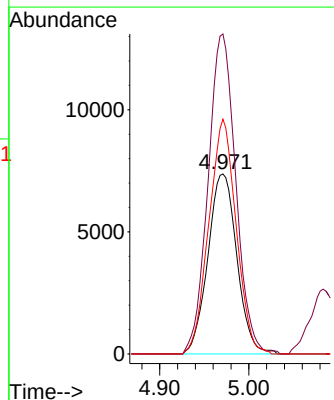
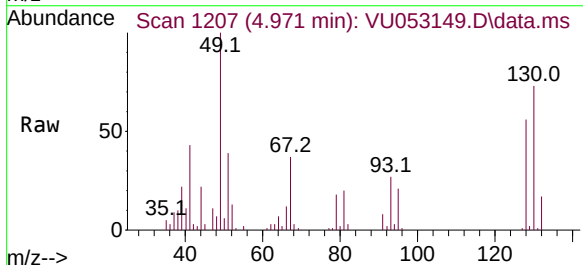
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

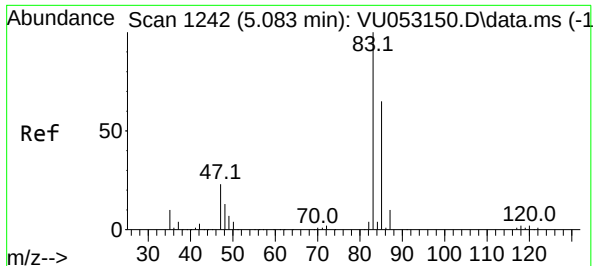
Tgt Ion: 73 Resp: 87634
Ion Ratio Lower Upper
73 100
43 19.7 15.0 22.6



#26
Bromochloromethane
Concen: 5.140 ug/l
RT: 4.971 min Scan# 1207
Delta R.T. -0.000 min
Lab File: VU053149.D
Acq: 27 Feb 2023 11:37

Tgt Ion: 128 Resp: 16655
Ion Ratio Lower Upper
128 100
49 169.5 0.0 376.8
130 122.9 104.8 157.2





#27

Chloroform

Concen: 4.906 ug/l

RT: 5.083 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU053149.D

Acq: 27 Feb 2023 11:37

Instrument :

MSVOA_U

ClientSampleId :

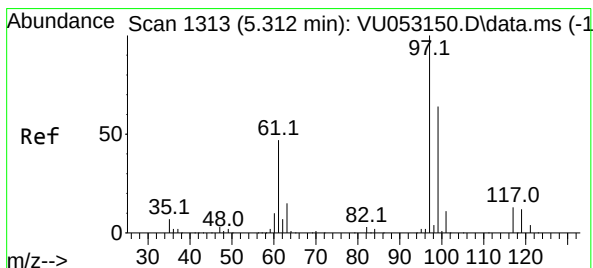
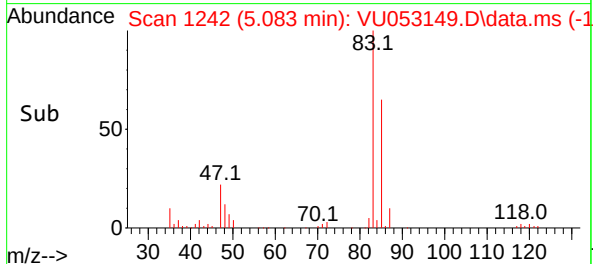
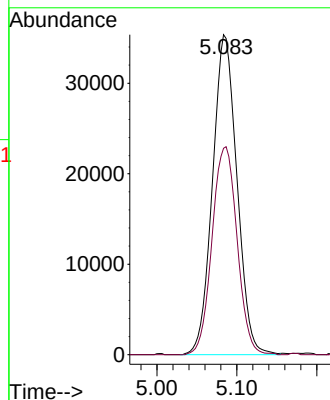
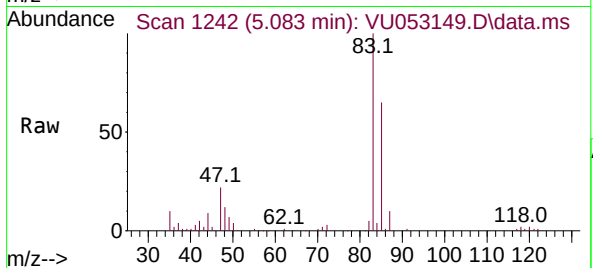
VSTDICC005

Tgt Ion: 83 Resp: 75085

Ion Ratio Lower Upper

83 100

85 64.5 0.0 129.2



#28

1,1,1-Trichloroethane

Concen: 5.051 ug/l

RT: 5.308 min Scan# 1312

Delta R.T. -0.003 min

Lab File: VU053149.D

Acq: 27 Feb 2023 11:37

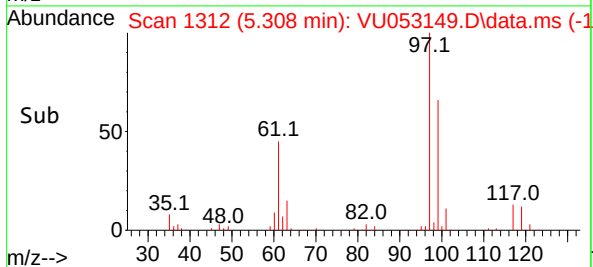
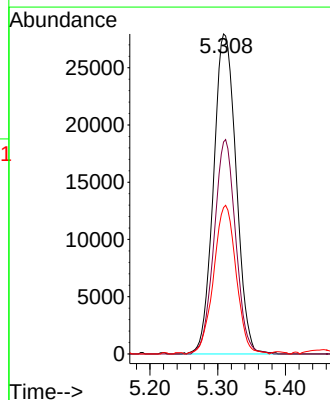
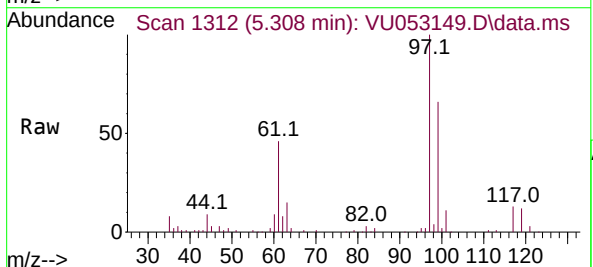
Tgt Ion: 97 Resp: 64937

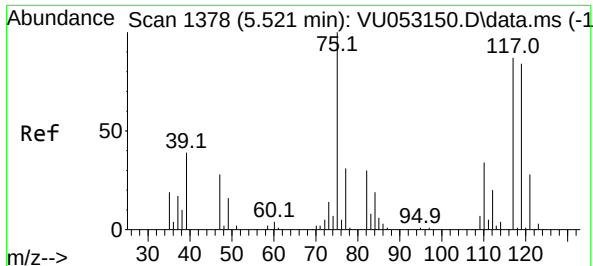
Ion Ratio Lower Upper

97 100

99 64.0 31.6 94.8

61 46.1 23.9 71.7





#29

1,1-Dichloropropene

Concen: 5.037 ug/l

RT: 5.517 min Scan# 1377

Delta R.T. -0.003 min

Lab File: VU053149.D

Acq: 27 Feb 2023 11:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

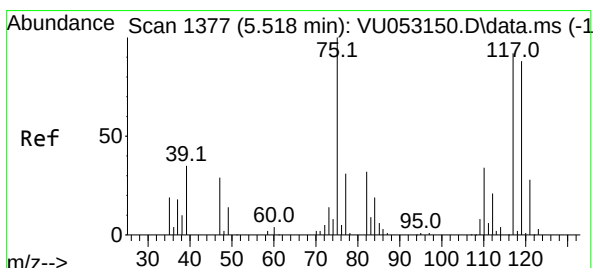
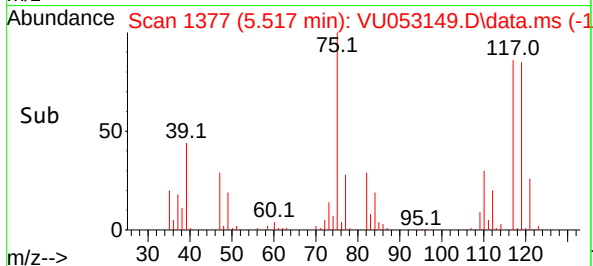
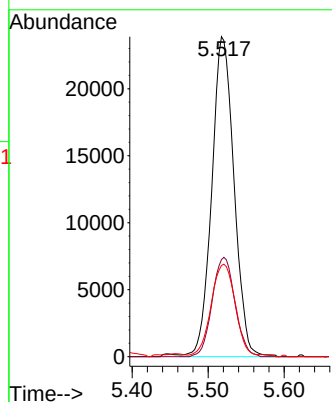
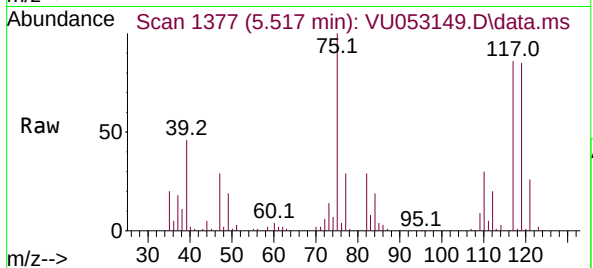
Tgt Ion: 75 Resp: 48535

Ion Ratio Lower Upper

75 100

110 31.7 16.3 48.8

77 31.9 24.9 37.3



#30

Carbon Tetrachloride

Concen: 5.175 ug/l

RT: 5.517 min Scan# 1377

Delta R.T. -0.000 min

Lab File: VU053149.D

Acq: 27 Feb 2023 11:37

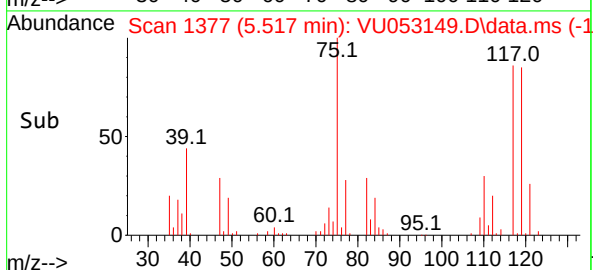
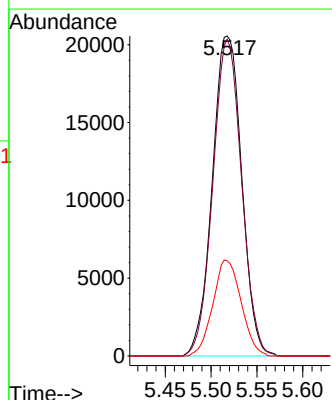
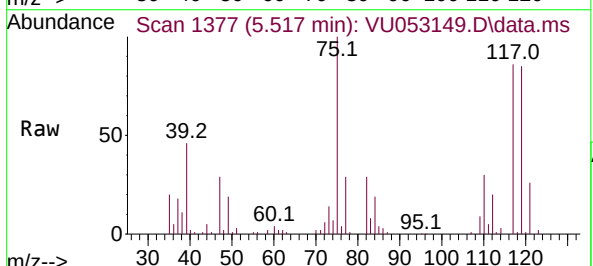
Tgt Ion: 117 Resp: 45817

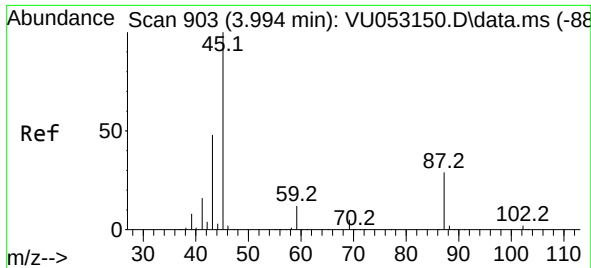
Ion Ratio Lower Upper

117 100

119 98.9 76.2 114.2

121 29.7 24.6 36.8

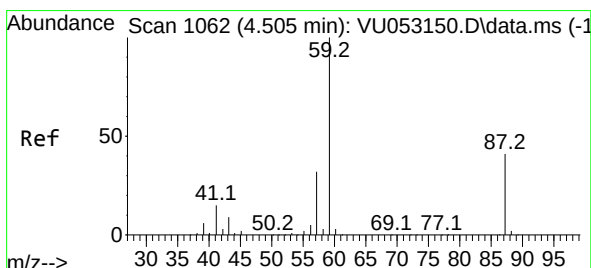
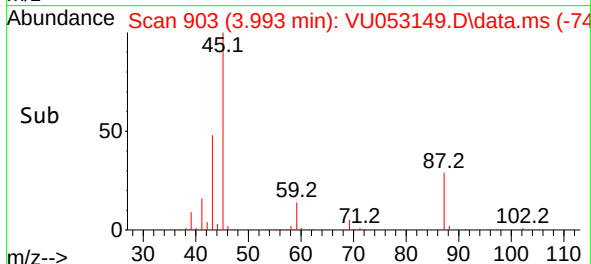
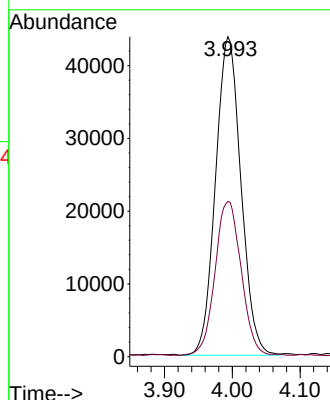
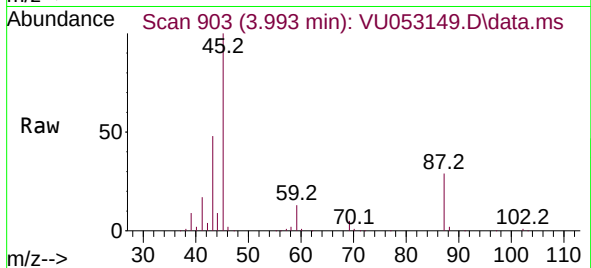




#31
Isopropyl Ether
Concen: 4.810 ug/l
RT: 3.993 min Scan# 903
Delta R.T. -0.000 min
Lab File: VU053149.D
Acq: 27 Feb 2023 11:37

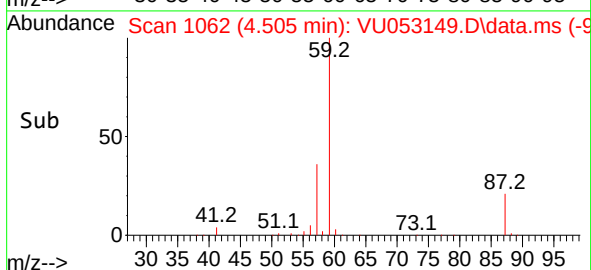
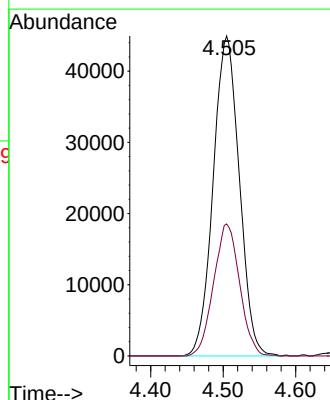
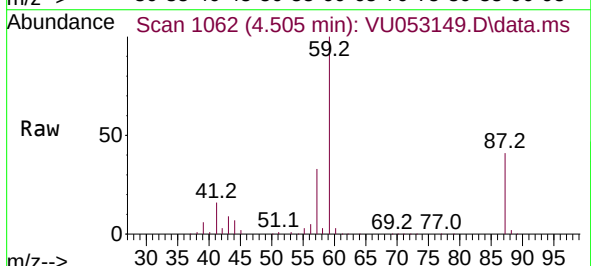
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

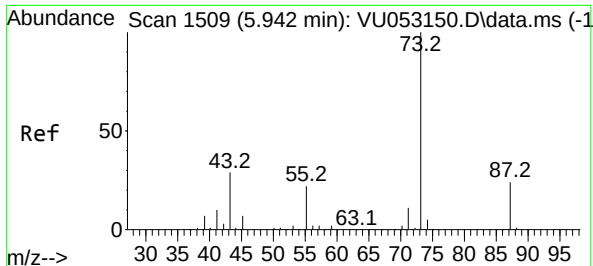
Tgt Ion: 45 Resp: 113988
Ion Ratio Lower Upper
45 100
43 49.7 24.4 73.2



#32
Ethyl-t-butyl ether
Concen: 5.005 ug/l
RT: 4.505 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VU053149.D
Acq: 27 Feb 2023 11:37

Tgt Ion: 59 Resp: 112420
Ion Ratio Lower Upper
59 100
87 41.2 32.5 48.7

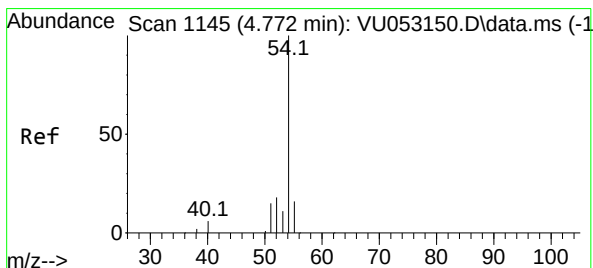
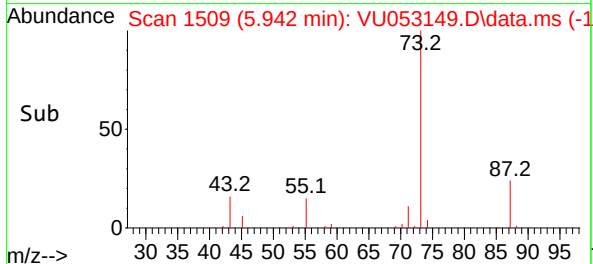
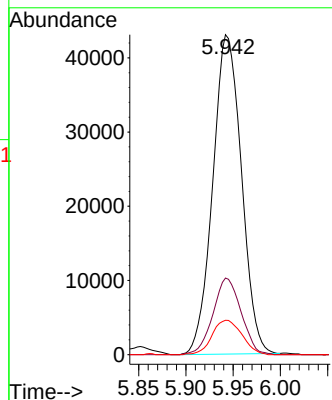
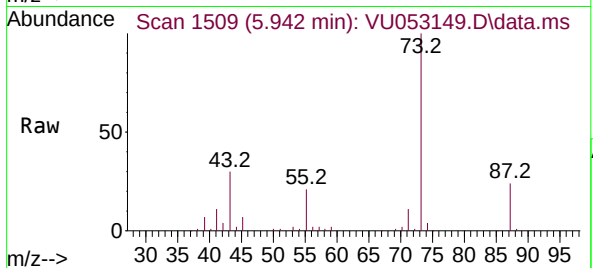




#33
Tert-Amyl methyl ether
Concen: 5.086 ug/l
RT: 5.942 min Scan# 1147
Delta R.T. -0.000 min
Lab File: VU053149.D
Acq: 27 Feb 2023 11:37

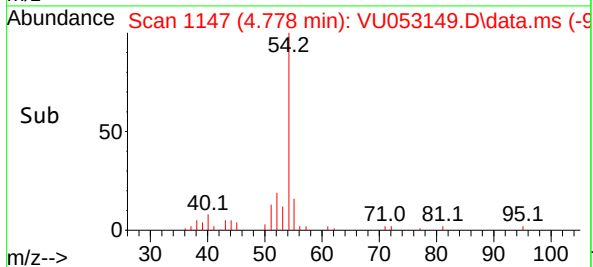
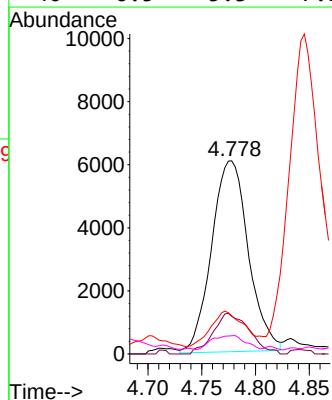
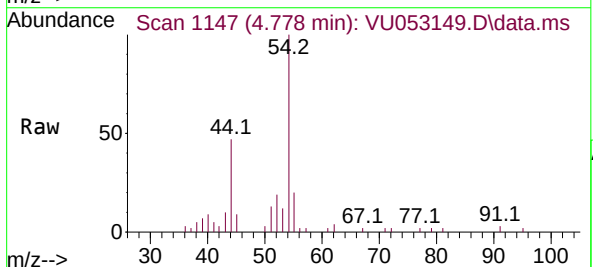
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

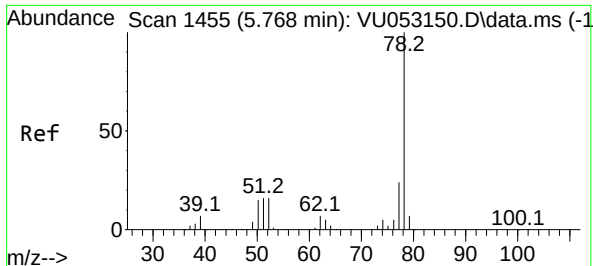
Tgt Ion:	73	Resp:	90652
Ion	Ratio	Lower	Upper
73	100		
87	23.6	19.0	28.4
71	11.3	9.2	13.8



#34
Propionitrile
Concen: 22.863 ug/l
RT: 4.778 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VU053149.D
Acq: 27 Feb 2023 11:37

Tgt Ion:	54	Resp:	14437
Ion	Ratio	Lower	Upper
54	100		
52	20.8	16.5	24.7
55	17.3	11.4	17.2#
40	6.5	5.3	7.9

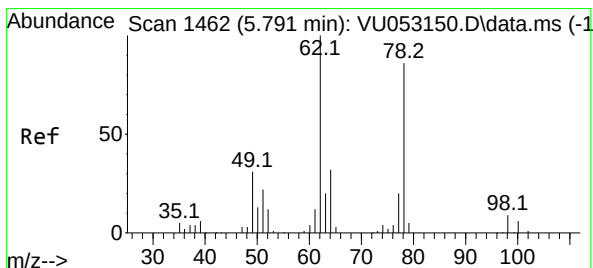
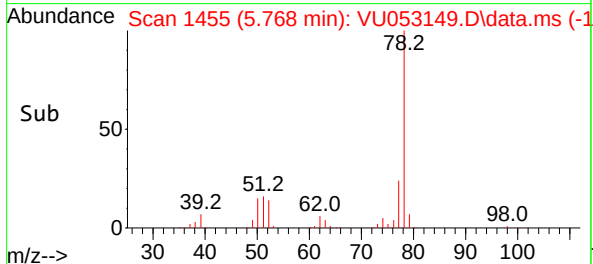
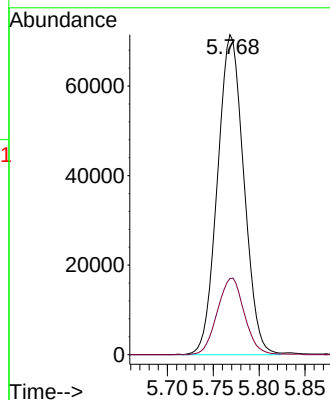
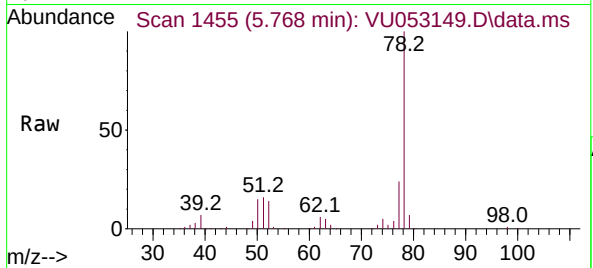




#35
Benzene
Concen: 5.026 ug/l
RT: 5.768 min Scan# 1455
Delta R.T. -0.000 min
Lab File: VU053149.D
Acq: 27 Feb 2023 11:37

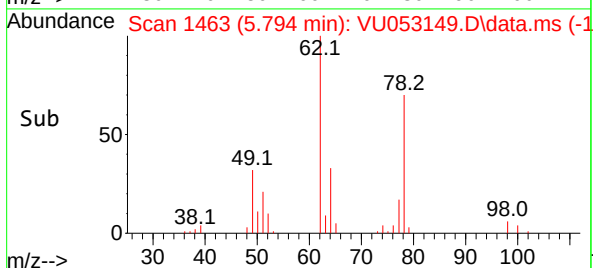
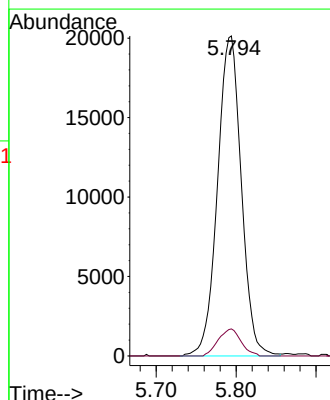
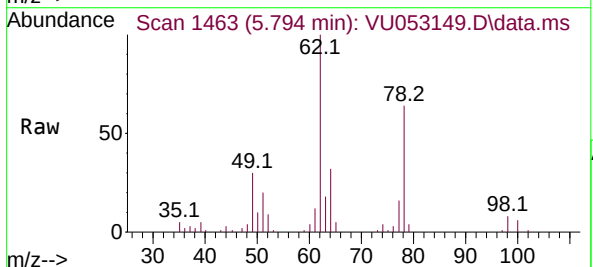
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

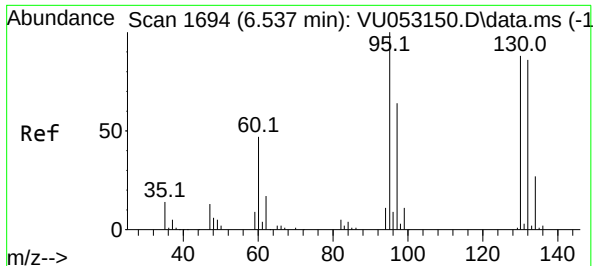
Tgt Ion: 78 Resp: 142909
Ion Ratio Lower Upper
78 100
77 23.6 18.9 28.3



#36
1,2-Dichloroethane
Concen: 4.892 ug/l
RT: 5.794 min Scan# 1463
Delta R.T. 0.003 min
Lab File: VU053149.D
Acq: 27 Feb 2023 11:37

Tgt Ion: 62 Resp: 41574
Ion Ratio Lower Upper
62 100
98 8.1 7.0 10.4





#37

Trichloroethene

Concen: 4.938 ug/l

RT: 6.537 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU053149.D

Acq: 27 Feb 2023 11:37

Instrument :

MSVOA_U

ClientSampleId :

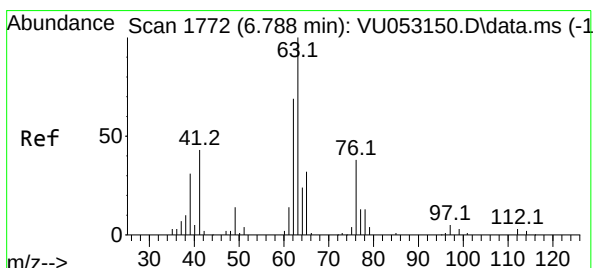
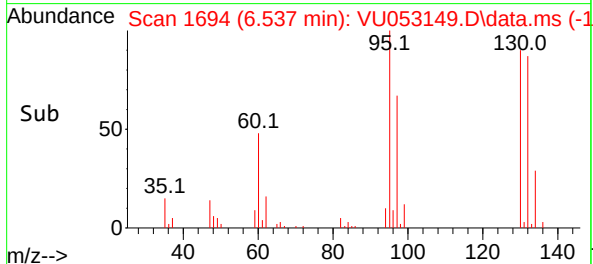
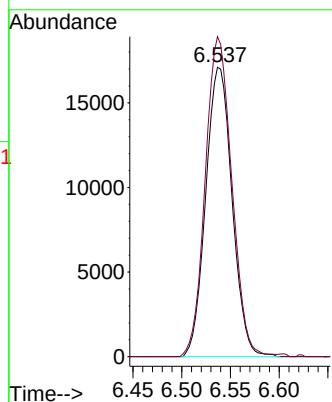
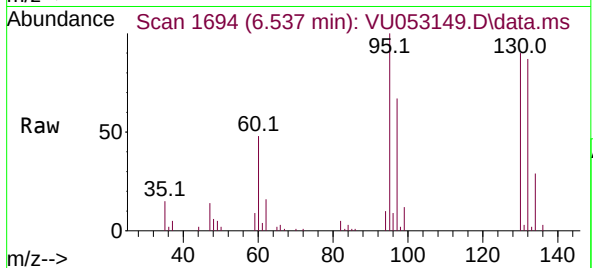
VSTDIC005

Tgt Ion:130 Resp: 32214

Ion Ratio Lower Upper

130 100

95 110.6 91.1 136.7



#38

1,2-Dichloropropane

Concen: 4.855 ug/l

RT: 6.787 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VU053149.D

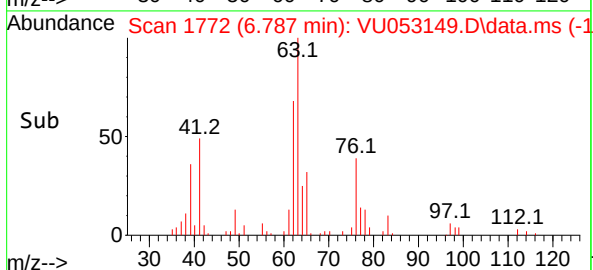
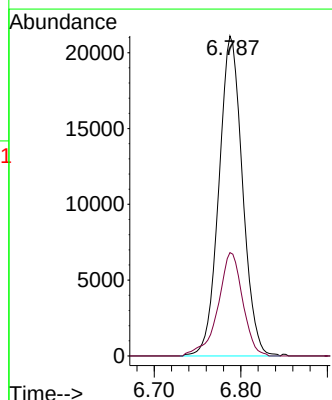
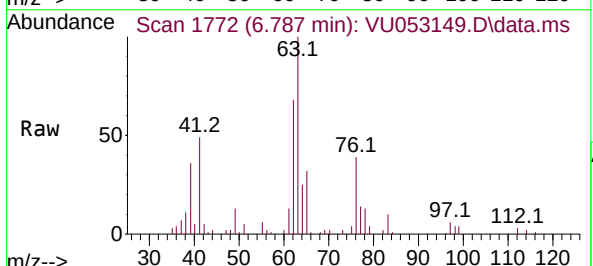
Acq: 27 Feb 2023 11:37

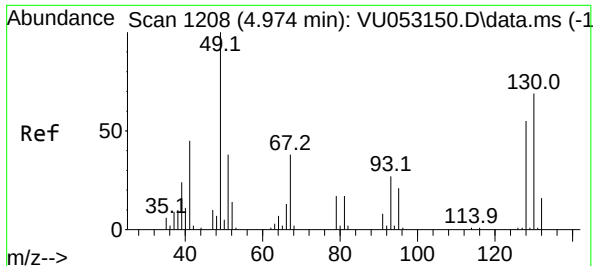
Tgt Ion: 63 Resp: 39921

Ion Ratio Lower Upper

63 100

65 32.3 25.5 38.3





#39

Methacrylonitrile

Concen: 4.542 ug/l

RT: 4.974 min Scan# 1168

Delta R.T. -0.000 min

Lab File: VU053149.D

Acq: 27 Feb 2023 11:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

Tgt Ion: 41 Resp: 12262

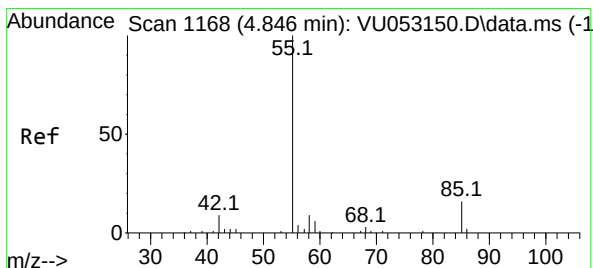
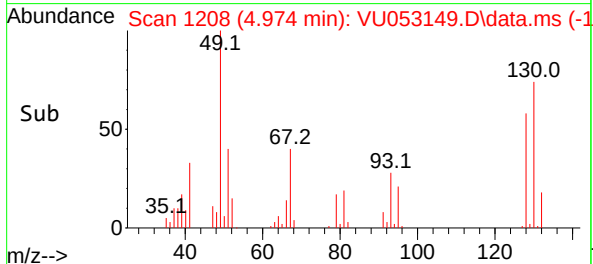
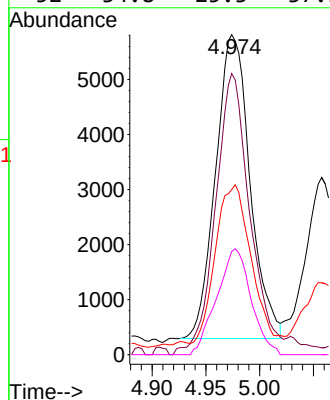
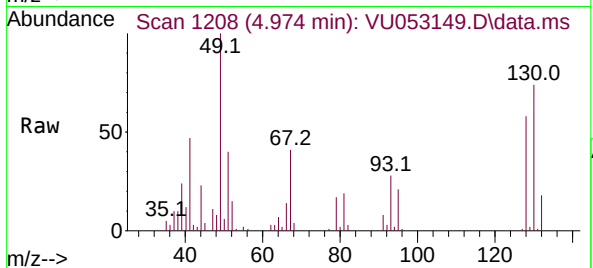
Ion Ratio Lower Upper

41 100

67 92.5 67.1 100.7

39 53.8 42.6 64.0

52 34.8 25.3 37.9



#40

Methyl acrylate

Concen: 4.733 ug/l

RT: 4.845 min Scan# 1168

Delta R.T. -0.000 min

Lab File: VU053149.D

Acq: 27 Feb 2023 11:37

Tgt Ion: 55 Resp: 19705

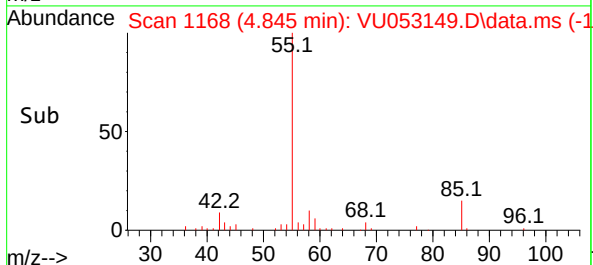
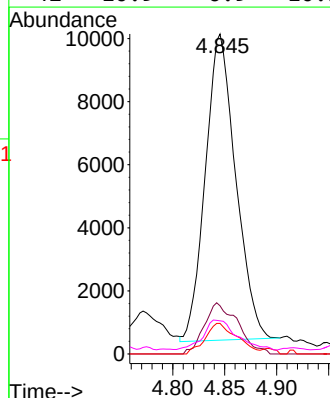
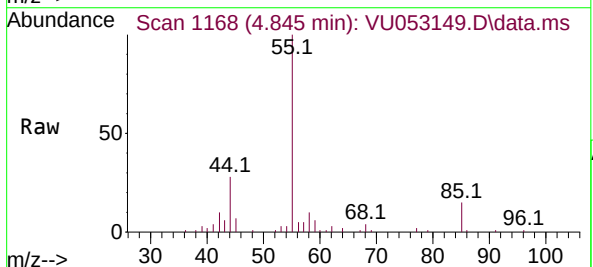
Ion Ratio Lower Upper

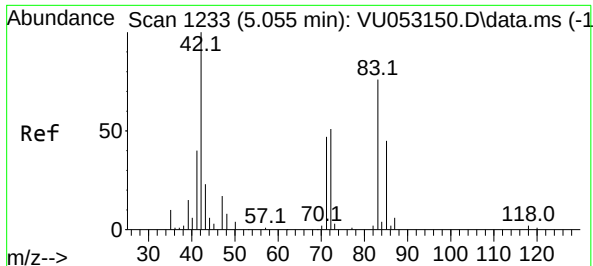
55 100

85 18.5 13.5 20.3

58 10.4 7.3 10.9

42 10.9 6.9 10.3





#41

Tetrahydrofuran

Concen: 9.076 ug/l

RT: 5.061 min Scan# 11

Delta R.T. 0.006 min

Lab File: VU053149.D

Acq: 27 Feb 2023 11:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

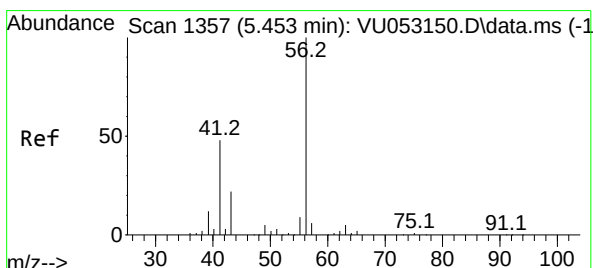
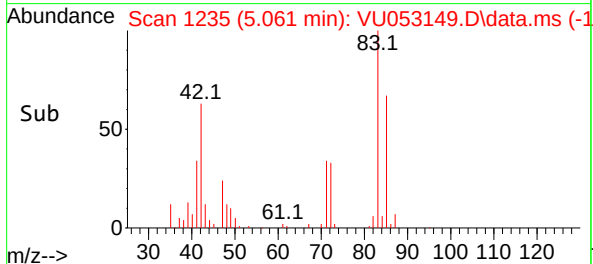
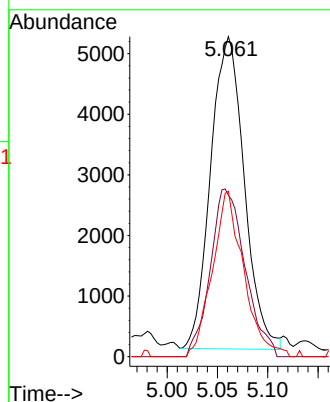
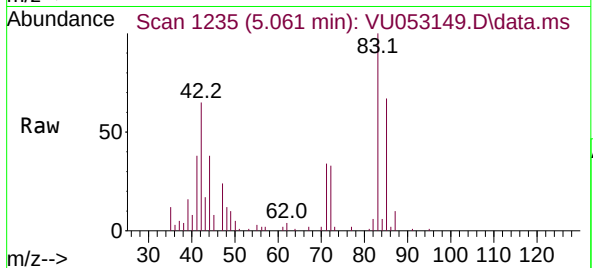
Tgt Ion: 42 Resp: 11987

Ion Ratio Lower Upper

42 100

72 55.6 41.6 62.4

71 49.3 37.9 56.9



#42

1-Chlorobutane

Concen: 5.001 ug/l

RT: 5.453 min Scan# 1357

Delta R.T. -0.000 min

Lab File: VU053149.D

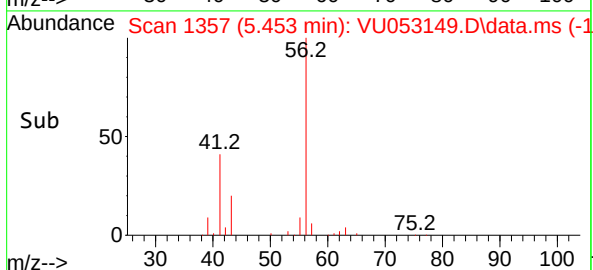
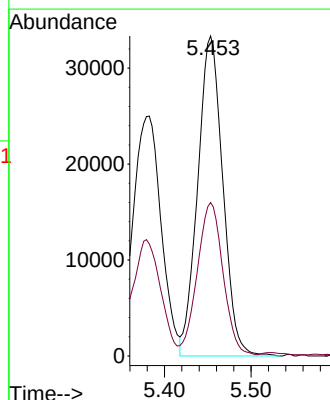
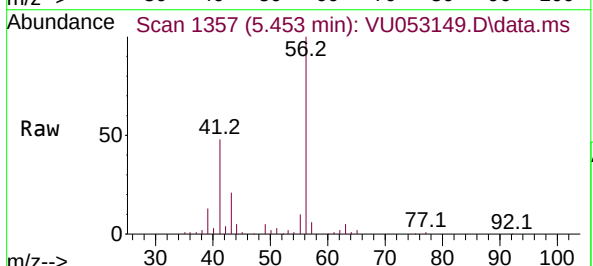
Acq: 27 Feb 2023 11:37

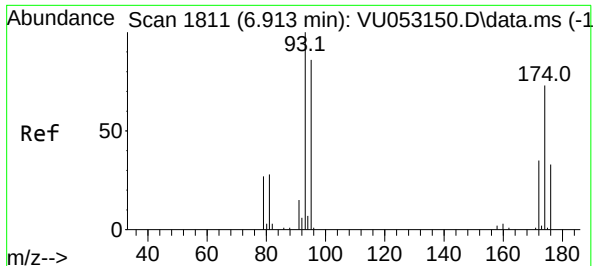
Tgt Ion: 56 Resp: 67081

Ion Ratio Lower Upper

56 100

41 48.6 23.7 71.1





#43

Dibromomethane

Concen: 4.847 ug/l

RT: 6.916 min Scan# 1811

Delta R.T. 0.003 min

Lab File: VU053149.D

Acq: 27 Feb 2023 11:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

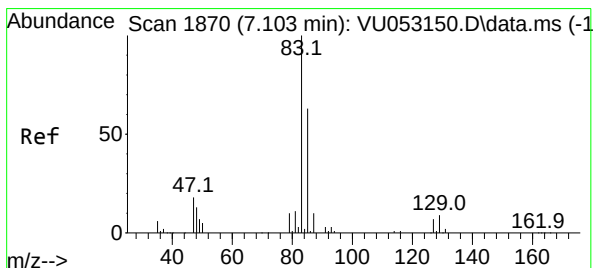
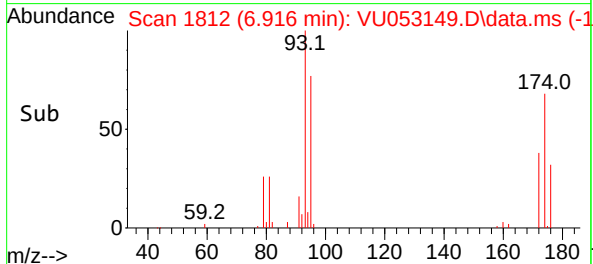
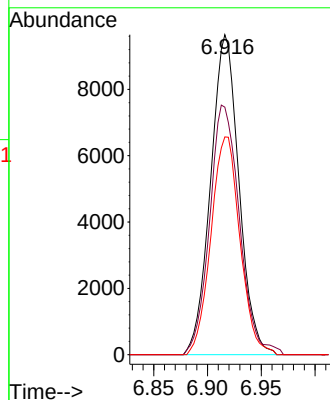
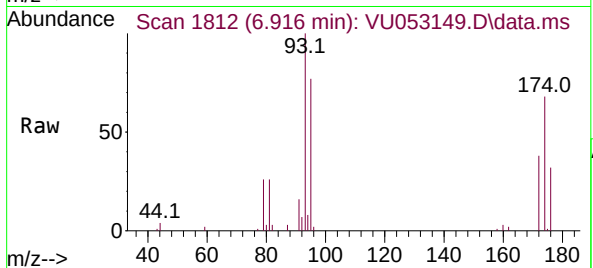
Tgt Ion: 93 Resp: 17665

Ion Ratio Lower Upper

93 100

95 82.3 66.5 99.7

174 69.5 58.2 87.4



#44

Bromodichloromethane

Concen: 4.977 ug/l

RT: 7.103 min Scan# 1870

Delta R.T. -0.000 min

Lab File: VU053149.D

Acq: 27 Feb 2023 11:37

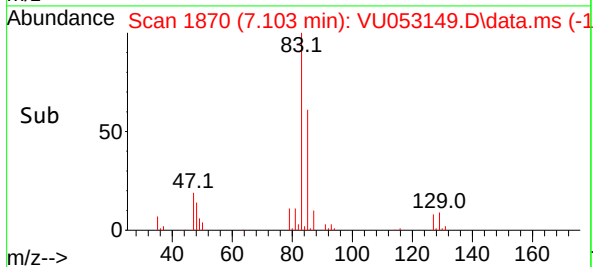
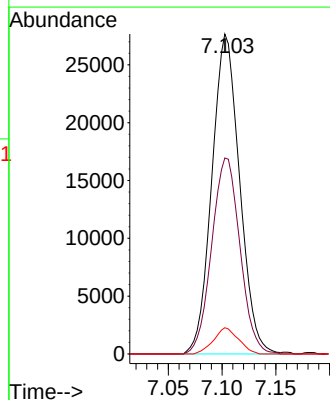
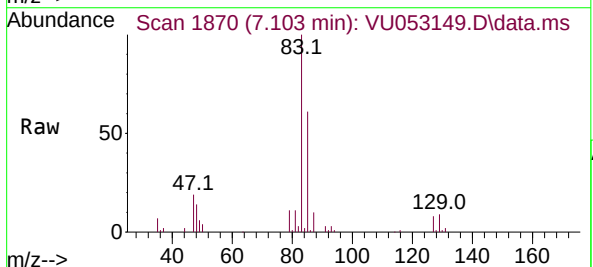
Tgt Ion: 83 Resp: 49615

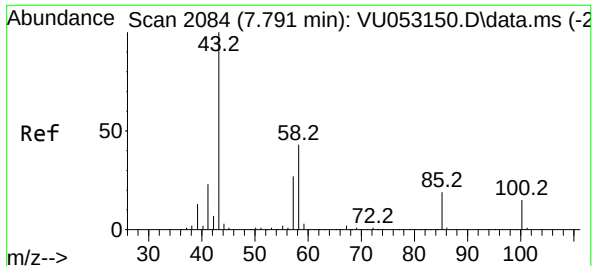
Ion Ratio Lower Upper

83 100

85 61.3 50.6 75.8

127 8.2 5.8 8.8





#45

4-Methyl-2-Pentanone

Concen: 23.820 ug/l

RT: 7.794 min Scan# 2085

Delta R.T. 0.003 min

Lab File: VU053149.D

Acq: 27 Feb 2023 11:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

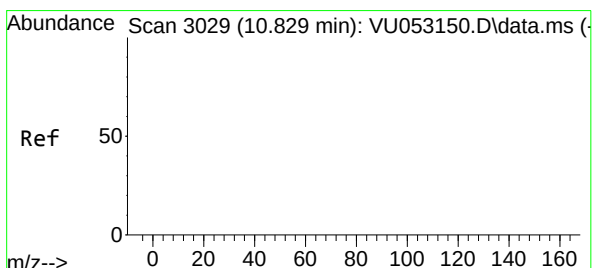
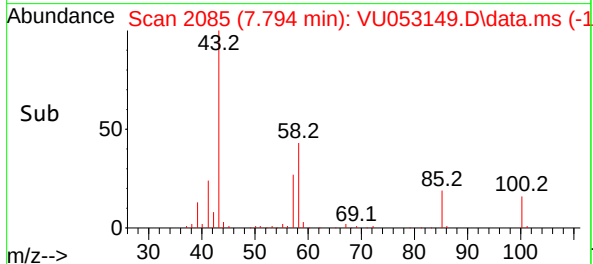
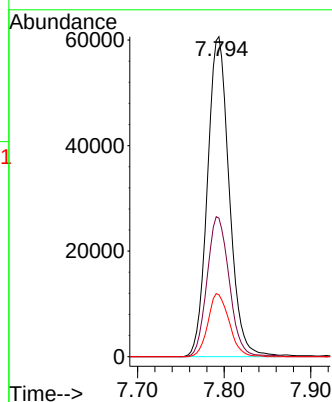
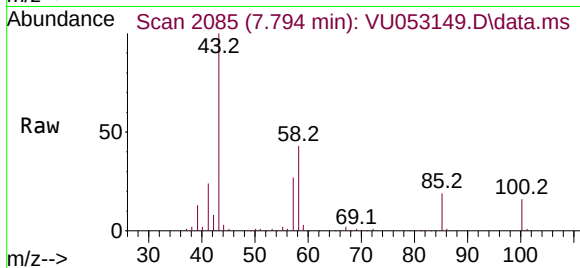
Tgt Ion: 43 Resp: 105993

Ion Ratio Lower Upper

43 100

58 44.6 22.0 66.0

85 19.2 15.7 23.5



#46

t-1,4-Dichloro-2-butene

Concen: 20.399 ug/l

RT: 10.823 min Scan# 3027

Delta R.T. -0.007 min

Lab File: VU053149.D

Acq: 27 Feb 2023 11:37

Tgt Ion: 75 Resp: 45740

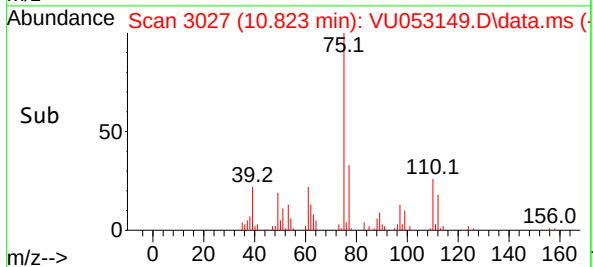
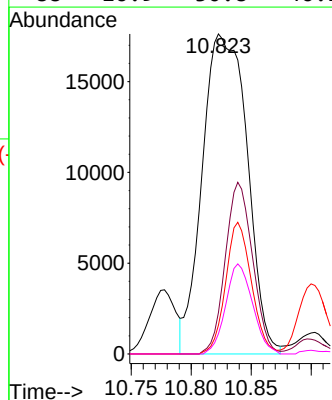
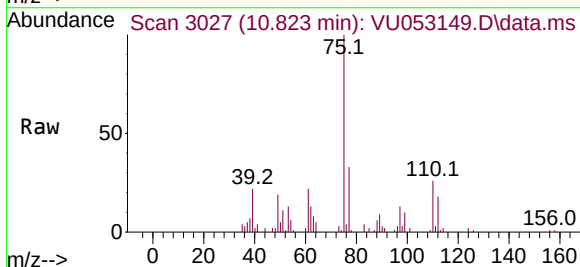
Ion Ratio Lower Upper

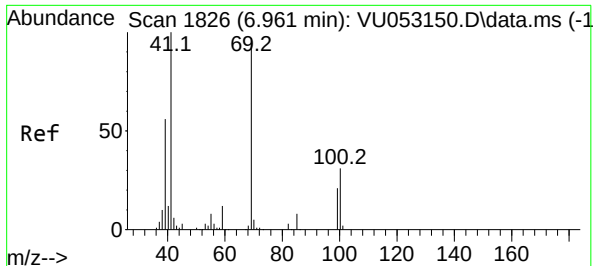
75 100

53 32.7 57.0 85.4#

89 23.8 43.1 64.7#

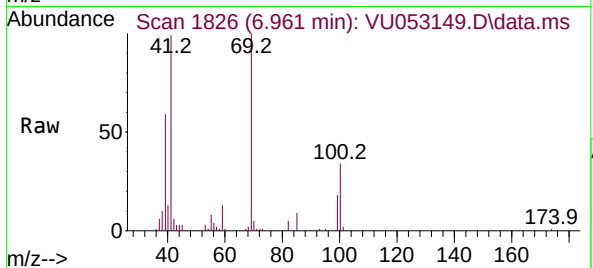
88 16.9 30.8 46.2#



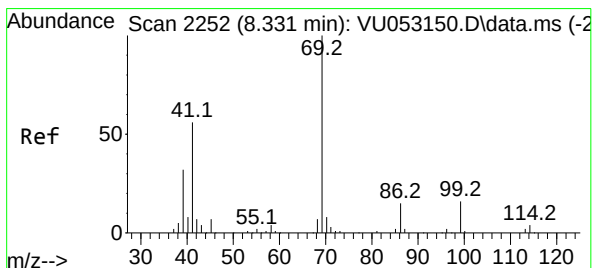
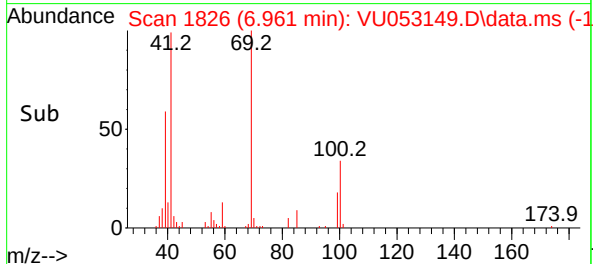
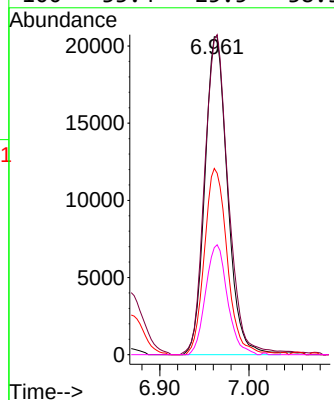


#47
Methyl methacrylate
Concen: 9.705 ug/l
RT: 6.961 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VU053149.D
Acq: 27 Feb 2023 11:37

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

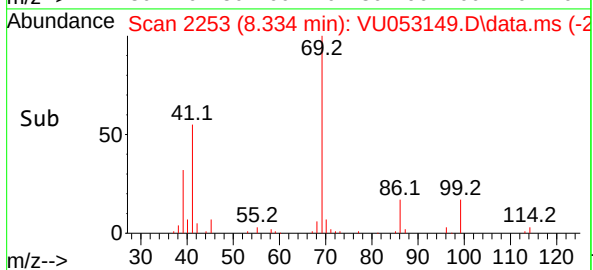
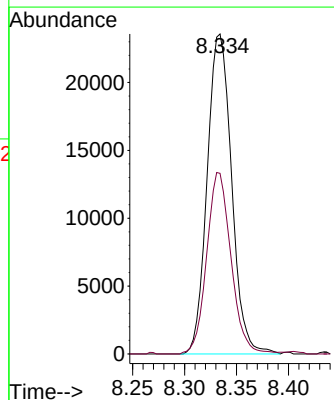
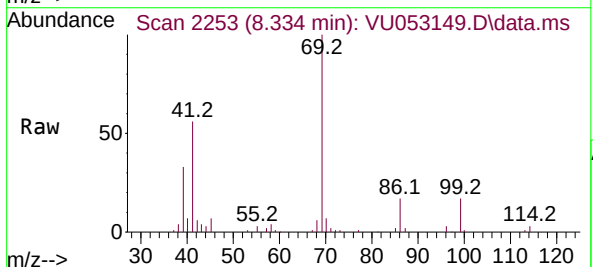


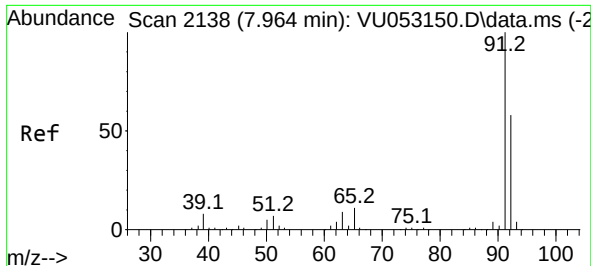
Tgt Ion: 69 Resp: 36408
Ion Ratio Lower Upper
69 100
41 105.6 0.0 201.0
39 59.1 47.1 70.7
100 33.4 25.5 38.3



#48
Ethyl methacrylate
Concen: 5.014 ug/l
RT: 8.334 min Scan# 2253
Delta R.T. 0.003 min
Lab File: VU053149.D
Acq: 27 Feb 2023 11:37

Tgt Ion: 69 Resp: 38600
Ion Ratio Lower Upper
69 100
41 56.4 28.2 84.6





#49

Toluene

Concen: 4.853 ug/l

RT: 7.964 min Scan# 2138

Delta R.T. -0.000 min

Lab File: VU053149.D

Acq: 27 Feb 2023 11:37

Instrument :

MSVOA_U

ClientSampleId :

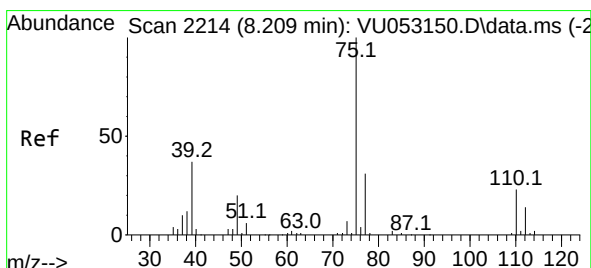
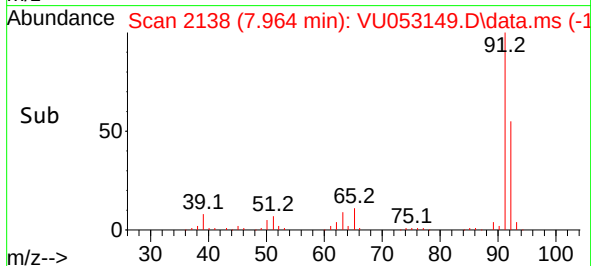
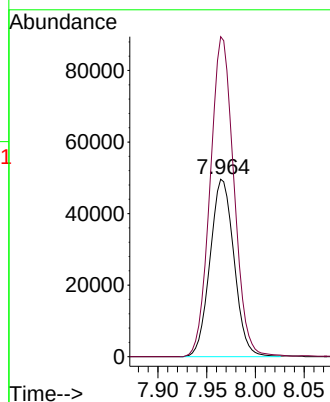
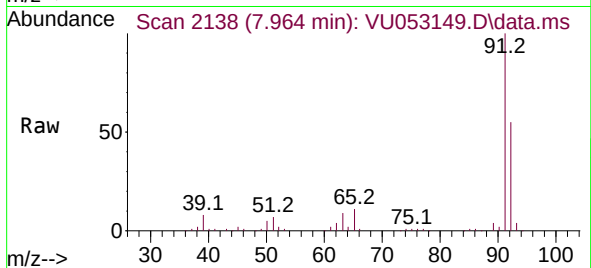
VSTDIC005

Tgt Ion: 92 Resp: 84974

Ion Ratio Lower Upper

92 100

91 179.1 138.2 207.2



#50

t-1,3-Dichloropropene

Concen: 4.900 ug/l

RT: 8.209 min Scan# 2214

Delta R.T. -0.000 min

Lab File: VU053149.D

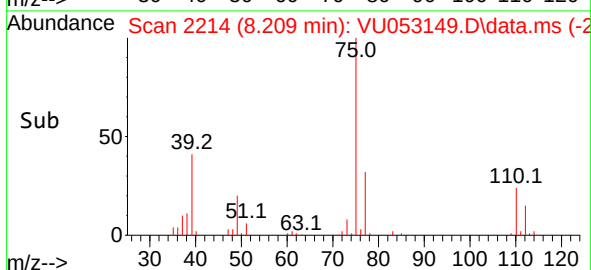
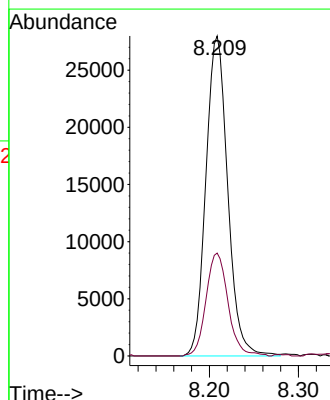
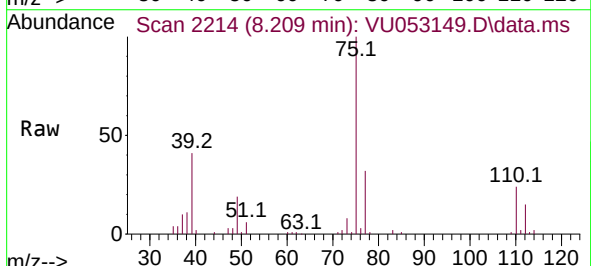
Acq: 27 Feb 2023 11:37

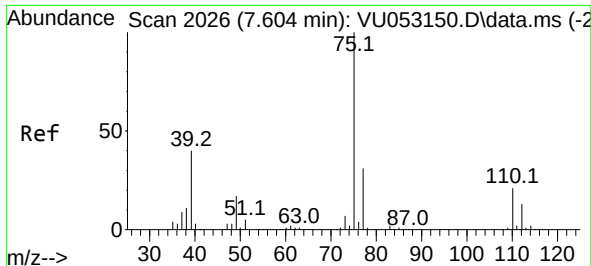
Tgt Ion: 75 Resp: 47454

Ion Ratio Lower Upper

75 100

77 32.1 25.1 37.7

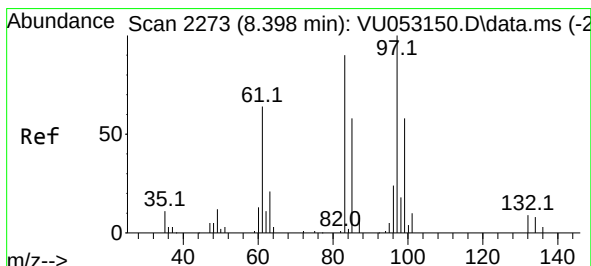
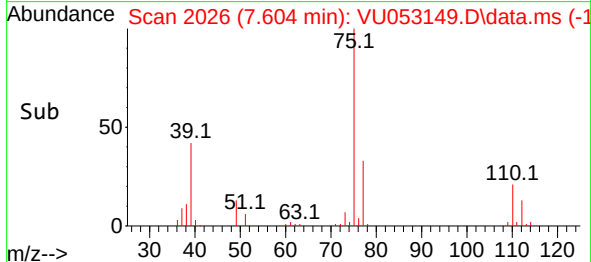
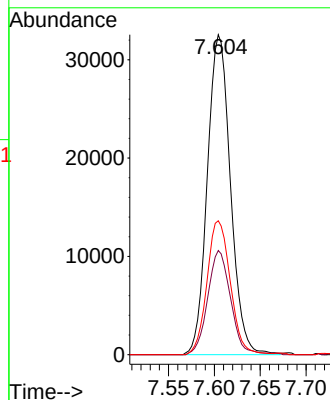
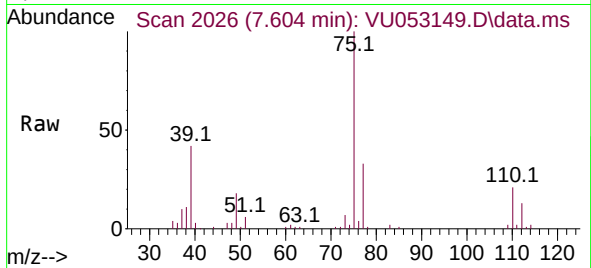




#51
 cis-1,3-Dichloropropene
 Concen: 4.871 ug/l
 RT: 7.604 min Scan# 2026
 Delta R.T. -0.000 min
 Lab File: VU053149.D
 Acq: 27 Feb 2023 11:37

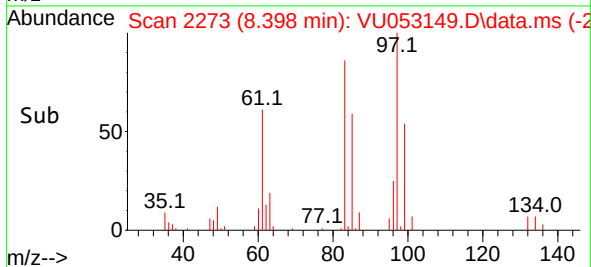
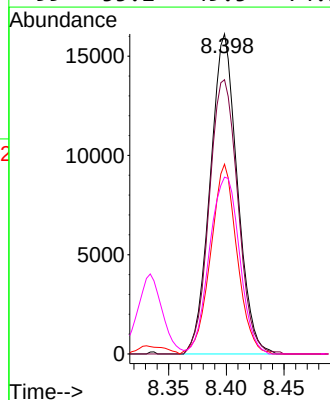
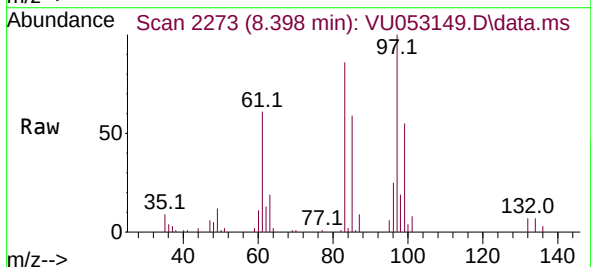
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

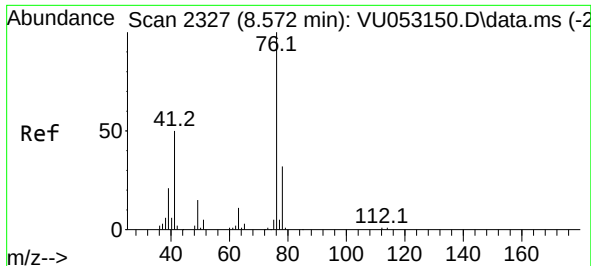
Tgt Ion: 75 Resp: 57175
 Ion Ratio Lower Upper
 75 100
 77 32.6 24.9 37.3
 39 41.9 32.2 48.2



#52
 1,1,2-Trichloroethane
 Concen: 4.916 ug/l
 RT: 8.398 min Scan# 2273
 Delta R.T. -0.000 min
 Lab File: VU053149.D
 Acq: 27 Feb 2023 11:37

Tgt Ion: 97 Resp: 26319
 Ion Ratio Lower Upper
 97 100
 83 85.7 71.9 107.9
 85 59.3 46.5 69.7
 99 55.2 49.5 74.3





#53

1,3-Dichloropropane

Concen: 4.901 ug/l

RT: 8.572 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU053149.D

Acq: 27 Feb 2023 11:37

Instrument :

MSVOA_U

ClientSampleId :

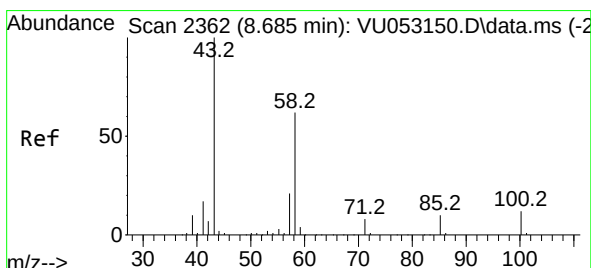
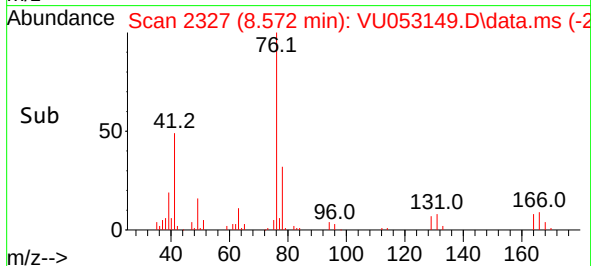
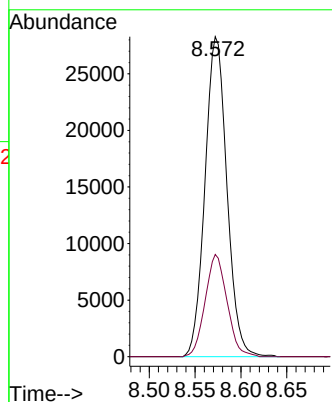
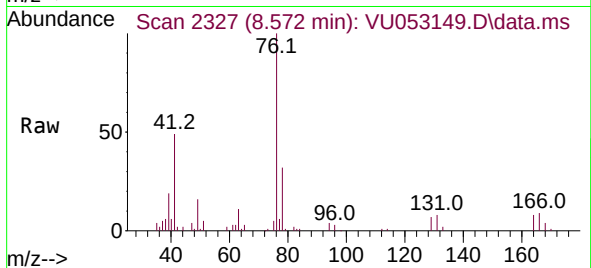
VSTDICC005

Tgt Ion: 76 Resp: 47034

Ion Ratio Lower Upper

76 100

78 31.8 25.9 38.9



#54

2-Hexanone

Concen: 24.168 ug/l

RT: 8.685 min Scan# 2362

Delta R.T. -0.000 min

Lab File: VU053149.D

Acq: 27 Feb 2023 11:37

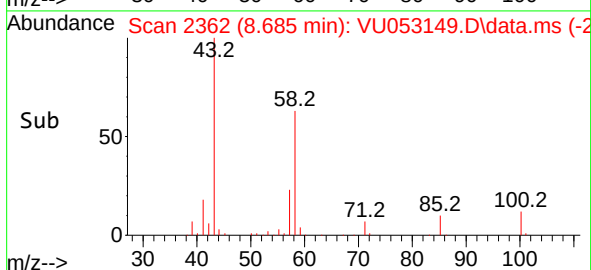
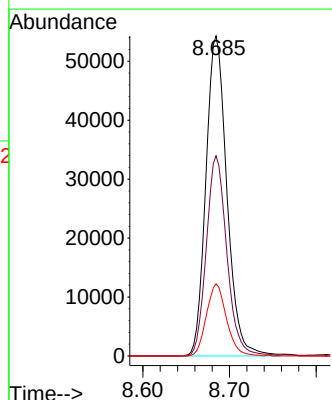
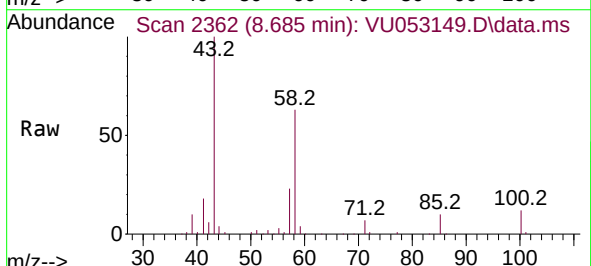
Tgt Ion: 43 Resp: 91627

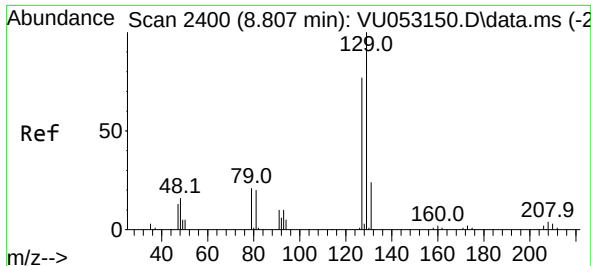
Ion Ratio Lower Upper

43 100

58 61.0 42.0 82.0

57 21.5 1.2 41.2

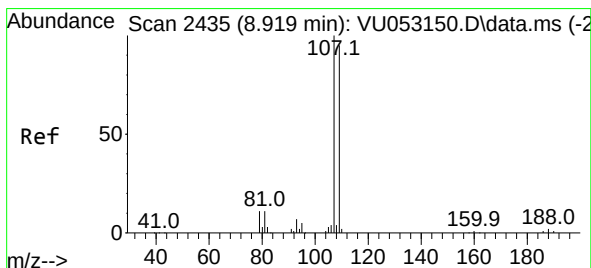
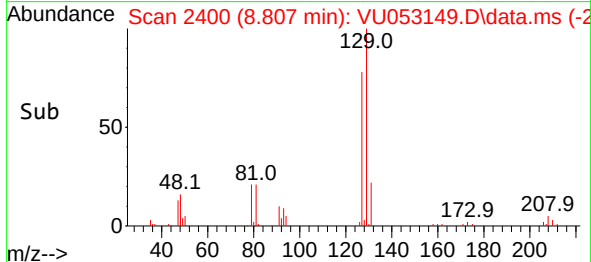
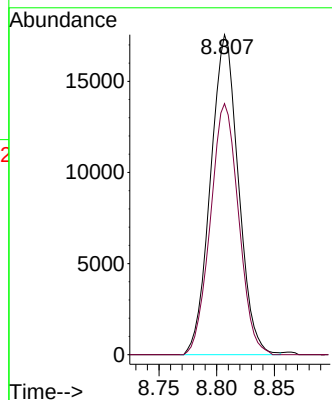
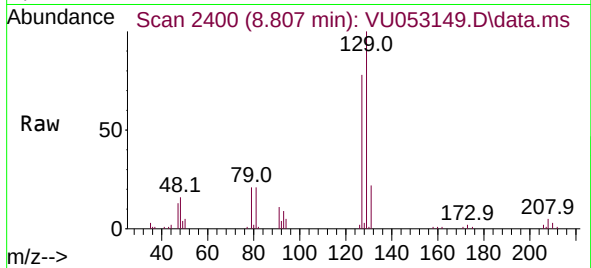




#55
Dibromochloromethane
Concen: 4.831 ug/l
RT: 8.807 min Scan# 2400
Delta R.T. -0.000 min
Lab File: VU053149.D
Acq: 27 Feb 2023 11:37

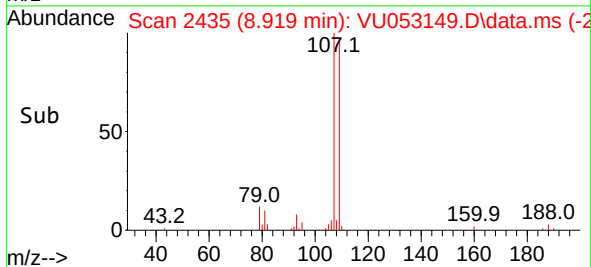
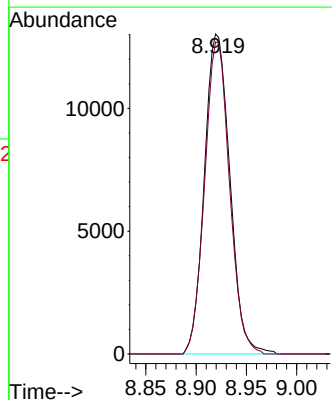
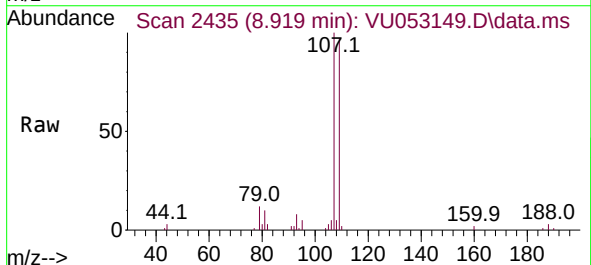
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

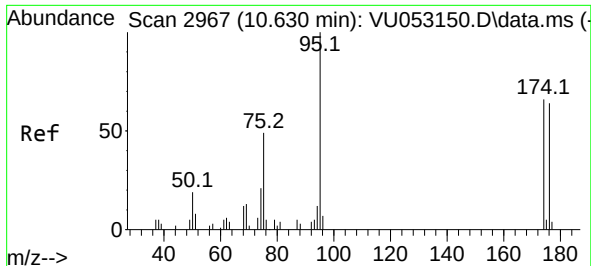
Tgt Ion:129 Resp: 29507
Ion Ratio Lower Upper
129 100
127 79.2 61.1 91.7



#56
1,2-Dibromoethane
Concen: 4.825 ug/l
RT: 8.919 min Scan# 2435
Delta R.T. -0.000 min
Lab File: VU053149.D
Acq: 27 Feb 2023 11:37

Tgt Ion:107 Resp: 22945
Ion Ratio Lower Upper
107 100
109 95.4 0.0 186.2

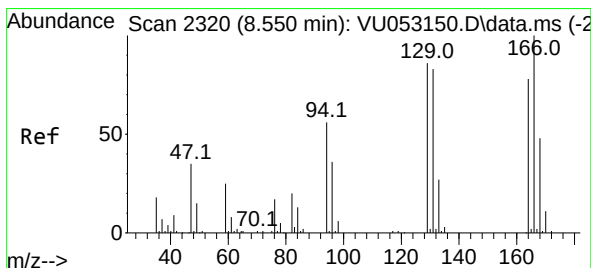
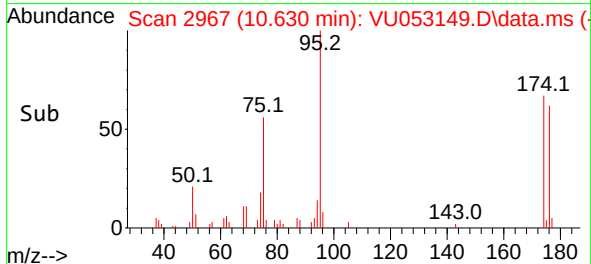
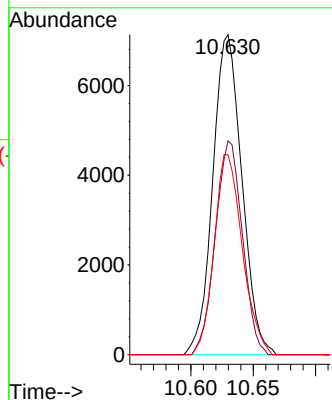
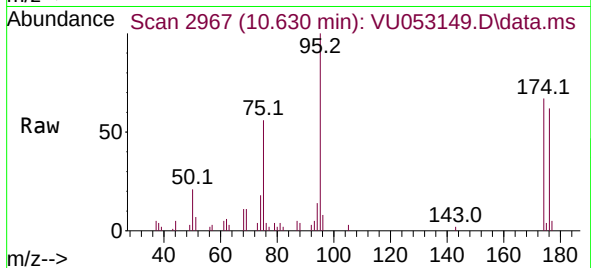




#57
4-Bromofluorobenzene
Concen: 0.969 ug/l
RT: 10.630 min Scan# 2967
Delta R.T. -0.000 min
Lab File: VU053149.D
Acq: 27 Feb 2023 11:37

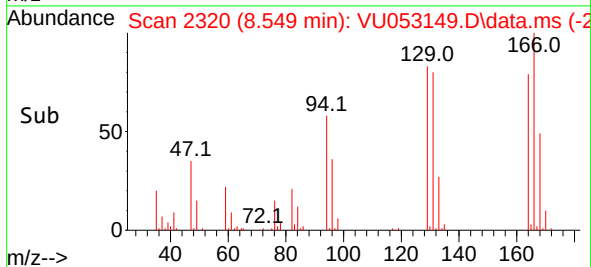
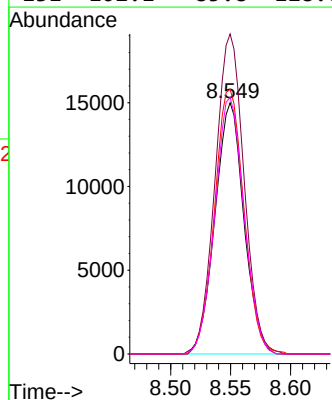
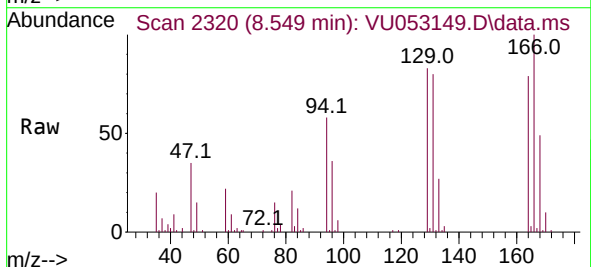
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

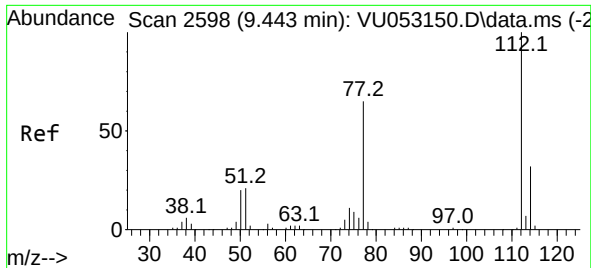
Tgt Ion: 95 Resp: 11598
Ion Ratio Lower Upper
95 100
174 62.1 50.7 76.1
176 60.6 47.8 71.6



#58
Tetrachloroethene
Concen: 4.830 ug/l
RT: 8.549 min Scan# 2320
Delta R.T. -0.000 min
Lab File: VU053149.D
Acq: 27 Feb 2023 11:37

Tgt Ion: 164 Resp: 25127
Ion Ratio Lower Upper
164 100
166 127.4 103.2 154.8
129 105.4 88.8 133.2
131 102.1 85.8 128.6





#59

Chlorobenzene

Concen: 4.930 ug/l

RT: 9.443 min Scan# 2598

Delta R.T. -0.000 min

Lab File: VU053149.D

Acq: 27 Feb 2023 11:37

Instrument :

MSVOA_U

ClientSampleId :

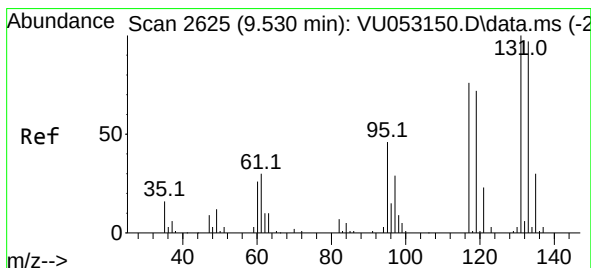
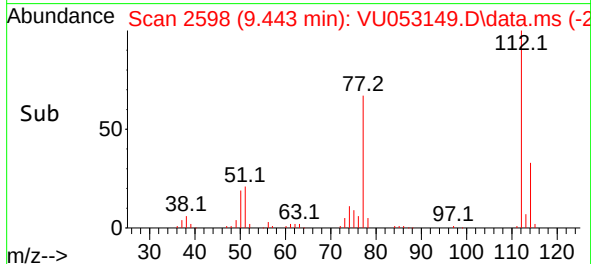
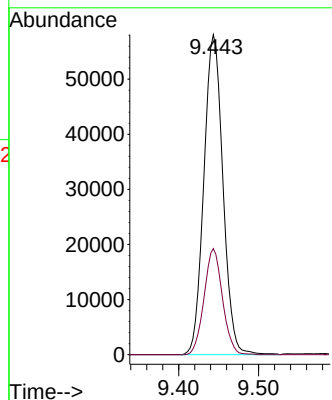
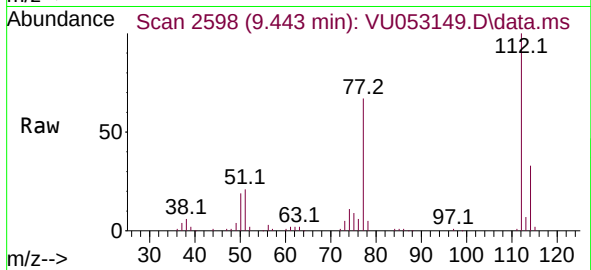
VSTDIC005

Tgt Ion:112 Resp: 96524

Ion Ratio Lower Upper

112 100

114 33.1 25.8 38.6



#60

1,1,1,2-Tetrachloroethane

Concen: 4.983 ug/l

RT: 9.530 min Scan# 2625

Delta R.T. -0.000 min

Lab File: VU053149.D

Acq: 27 Feb 2023 11:37

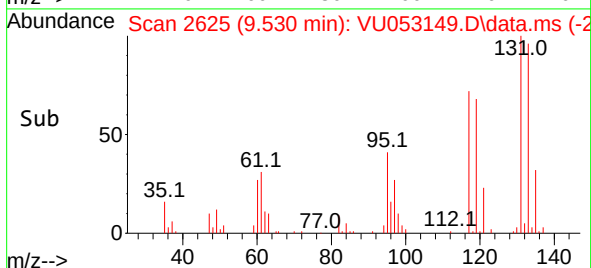
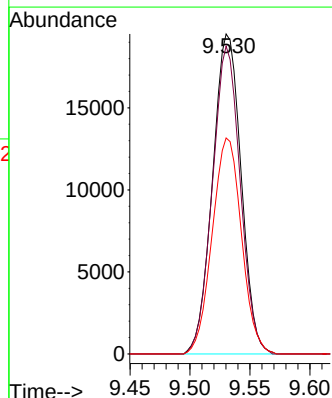
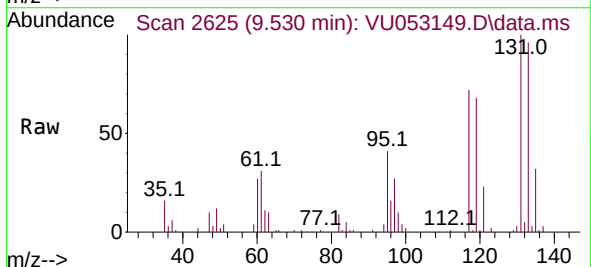
Tgt Ion:131 Resp: 32228

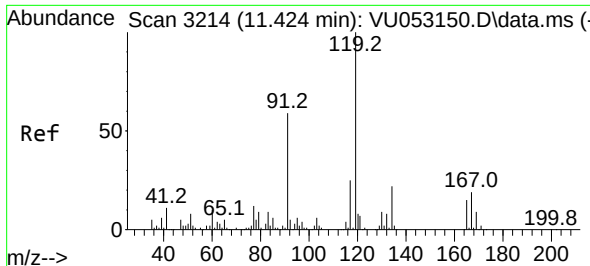
Ion Ratio Lower Upper

131 100

133 93.9 76.7 115.1

119 69.3 57.6 86.4

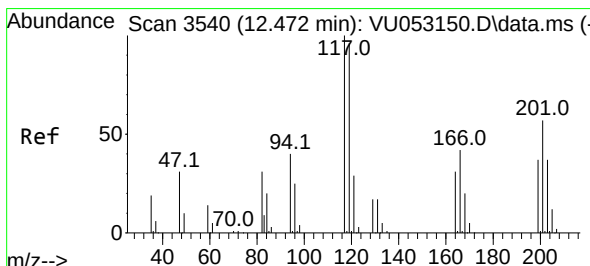
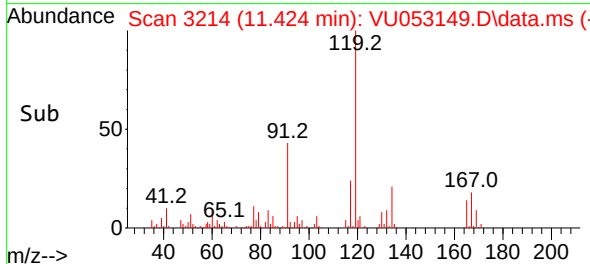
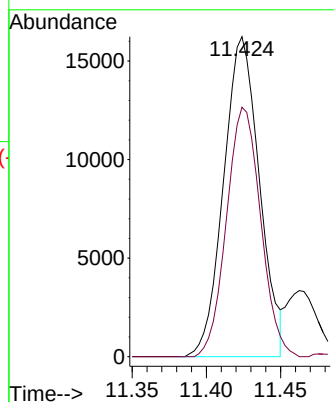
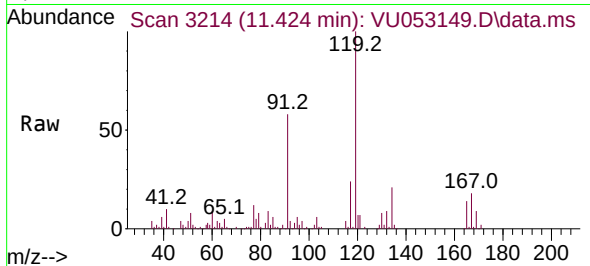




#61
 Pentachloroethane
 Concen: 4.846 ug/l
 RT: 11.424 min Scan# 311
 Delta R.T. -0.000 min
 Lab File: VU053149.D
 Acq: 27 Feb 2023 11:37

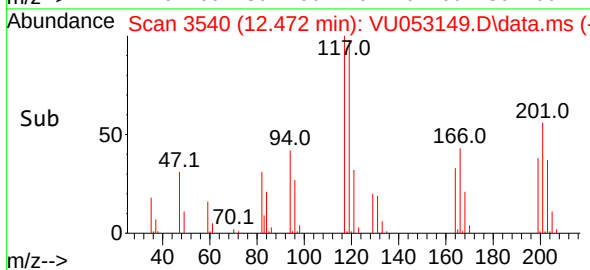
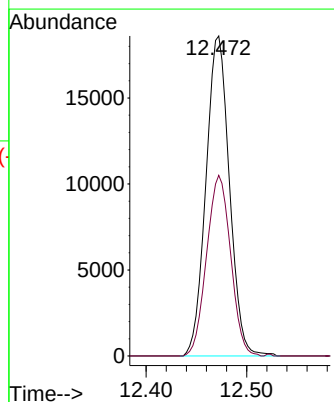
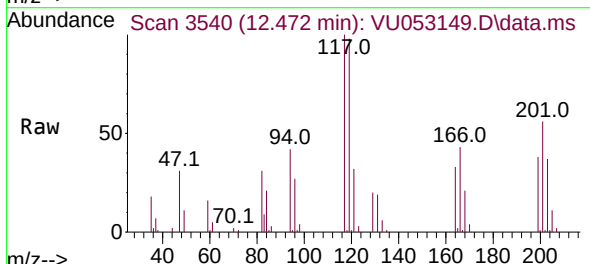
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

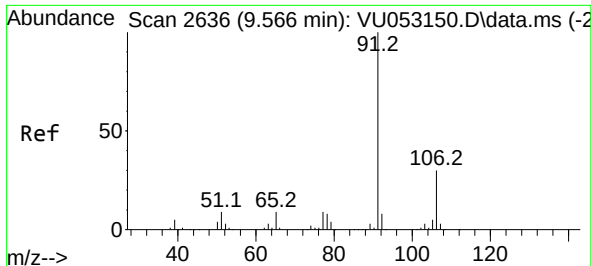
Tgt Ion:117 Resp: 27235
 Ion Ratio Lower Upper
 117 100
 167 74.3 57.5 86.3



#62
 Hexachloroethane
 Concen: 4.870 ug/l
 RT: 12.472 min Scan# 3540
 Delta R.T. -0.000 min
 Lab File: VU053149.D
 Acq: 27 Feb 2023 11:37

Tgt Ion:117 Resp: 30174
 Ion Ratio Lower Upper
 117 100
 201 57.7 46.7 70.1

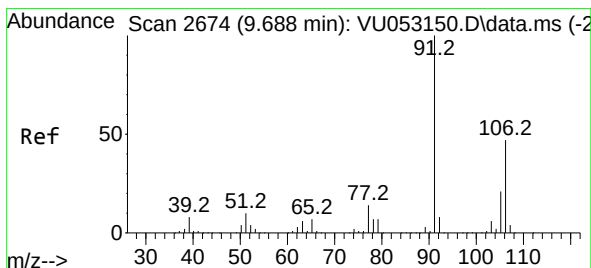
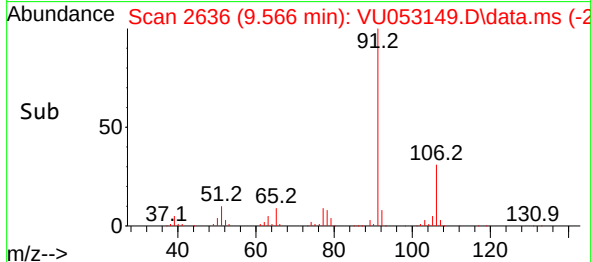
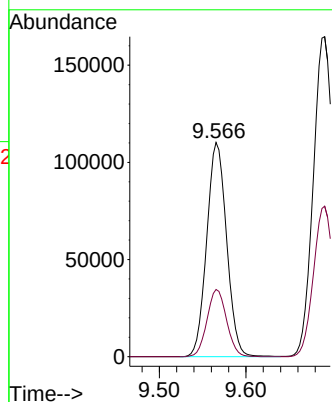
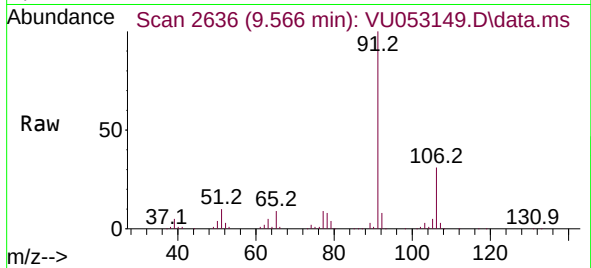




#63
Ethyl Benzene
Concen: 4.872 ug/l
RT: 9.566 min Scan# 2636
Delta R.T. -0.000 min
Lab File: VU053149.D
Acq: 27 Feb 2023 11:37

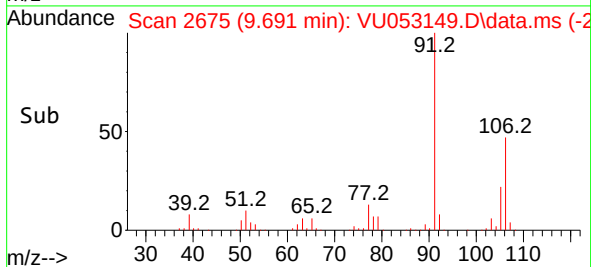
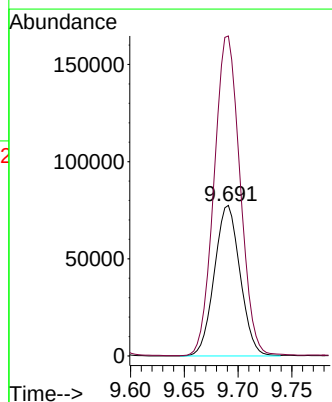
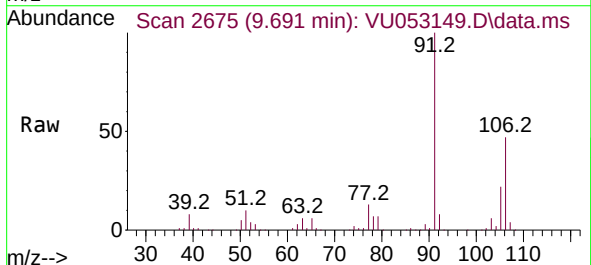
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

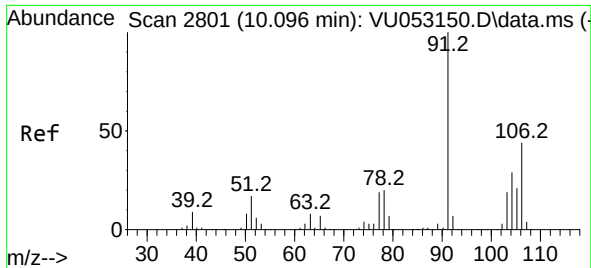
Tgt Ion: 91 Resp: 176049
Ion Ratio Lower Upper
91 100
106 31.4 24.0 36.0



#64
m/p-Xylenes
Concen: 9.852 ug/l
RT: 9.691 min Scan# 2675
Delta R.T. 0.003 min
Lab File: VU053149.D
Acq: 27 Feb 2023 11:37

Tgt Ion:106 Resp: 129121
Ion Ratio Lower Upper
106 100
91 214.5 170.7 256.1

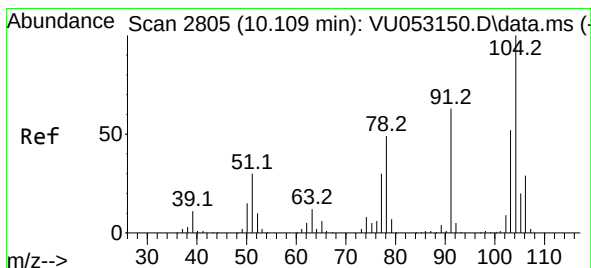
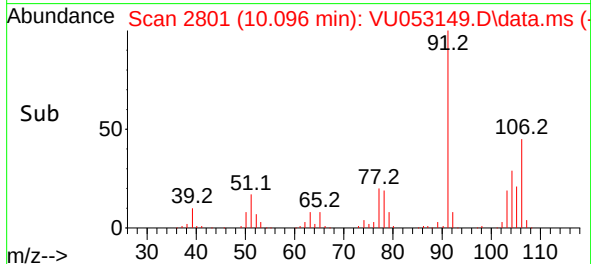
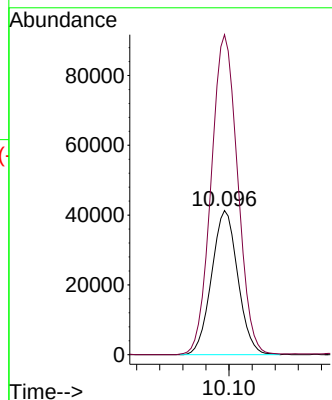
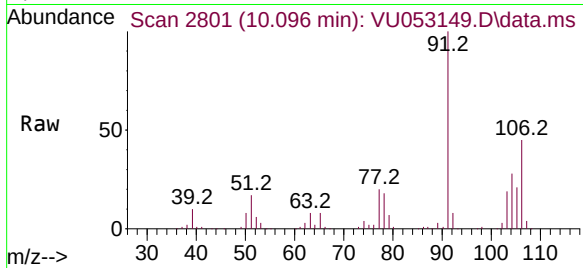




#65
o-Xylene
Concen: 4.871 ug/l
RT: 10.096 min Scan# 2801
Delta R.T. -0.000 min
Lab File: VU053149.D
Acq: 27 Feb 2023 11:37

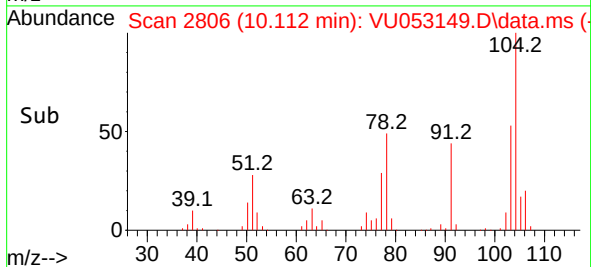
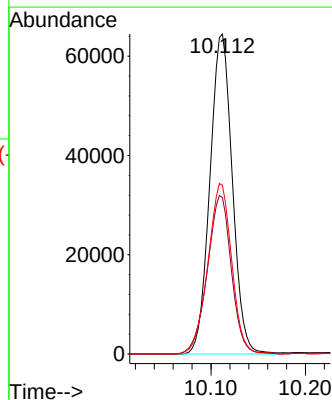
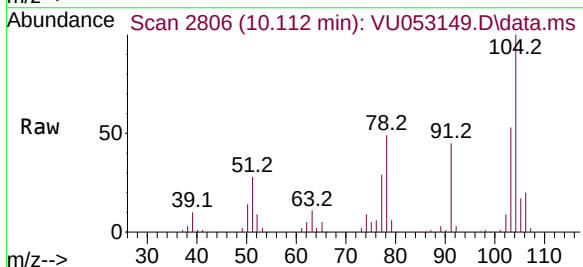
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

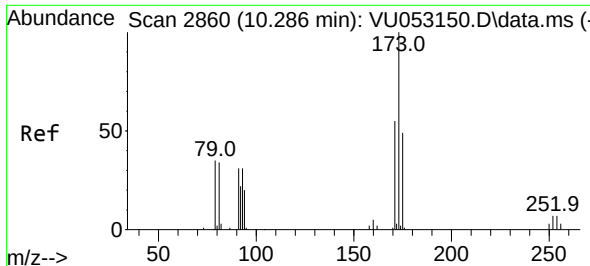
Tgt Ion:106 Resp: 65193
Ion Ratio Lower Upper
106 100
91 224.3 112.8 338.4



#66
Styrene
Concen: 5.004 ug/l
RT: 10.112 min Scan# 2806
Delta R.T. 0.003 min
Lab File: VU053149.D
Acq: 27 Feb 2023 11:37

Tgt Ion:104 Resp: 106184
Ion Ratio Lower Upper
104 100
78 53.0 43.3 64.9
103 56.5 45.2 67.8

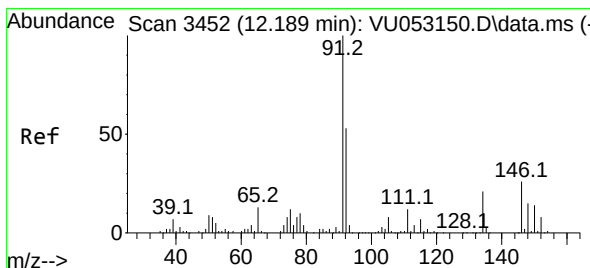
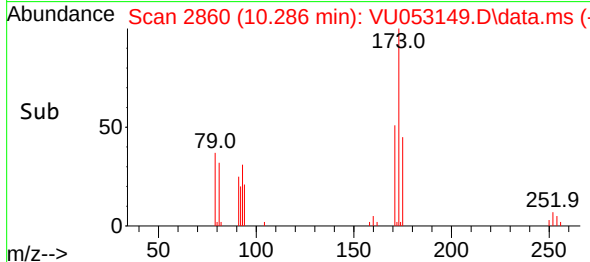
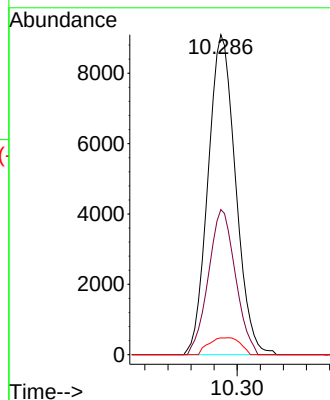
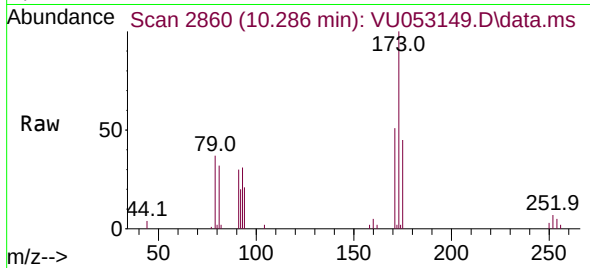




#67
Bromoform
Concen: 5.068 ug/l
RT: 10.286 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU053149.D
Acq: 27 Feb 2023 11:37

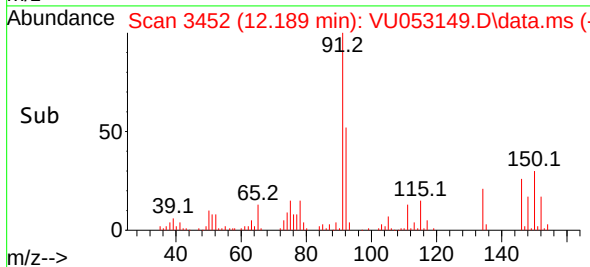
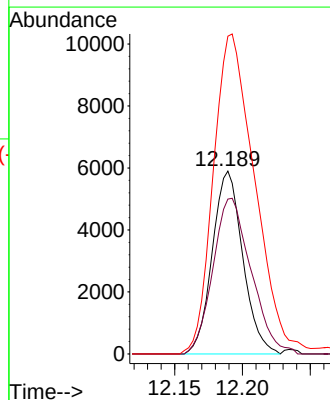
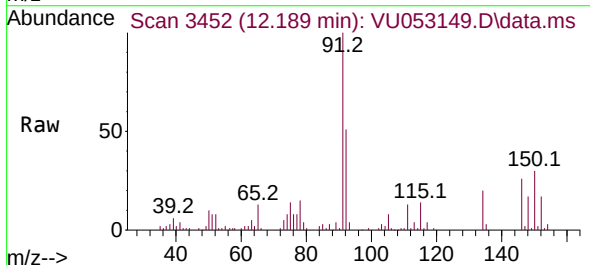
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

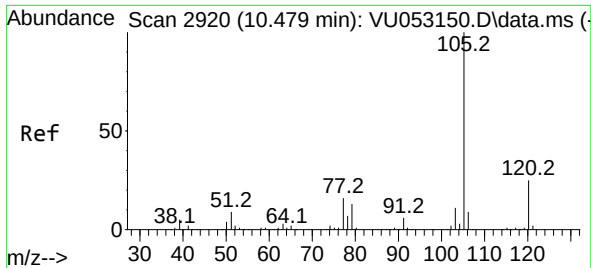
Tgt Ion:173 Resp: 15053
Ion Ratio Lower Upper
173 100
175 44.4 38.7 58.1
254 6.0 5.8 8.8



#68
1,2-Dichlorobenzene-d4
Concen: 0.972 ug/l
RT: 12.189 min Scan# 3452
Delta R.T. -0.000 min
Lab File: VU053149.D
Acq: 27 Feb 2023 11:37

Tgt Ion:152 Resp: 9230
Ion Ratio Lower Upper
152 100
115 106.2 0.0 267.8
150 237.0 0.0 623.0

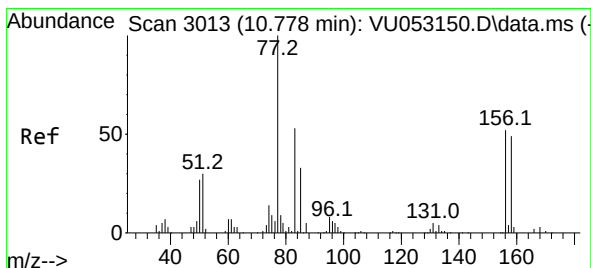
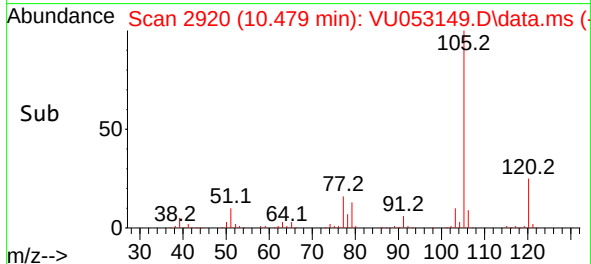
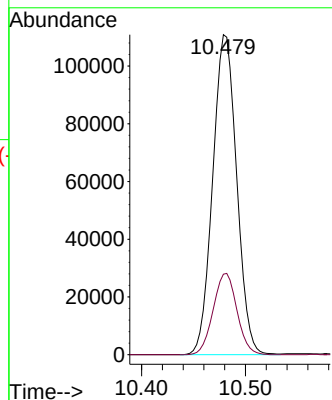
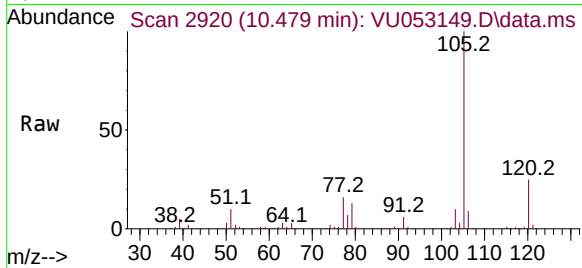




#69
Isopropylbenzene
Concen: 4.960 ug/l
RT: 10.479 min Scan# 2920
Delta R.T. -0.000 min
Lab File: VU053149.D
Acq: 27 Feb 2023 11:37

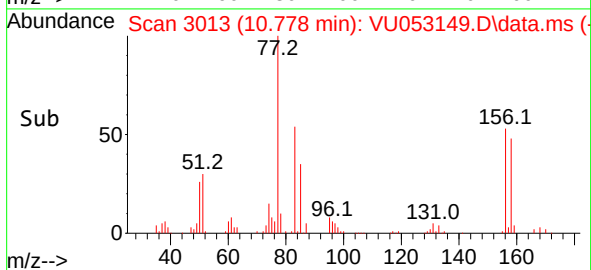
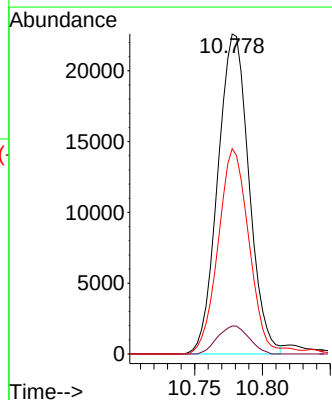
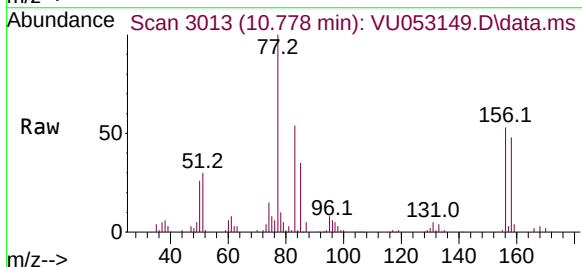
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

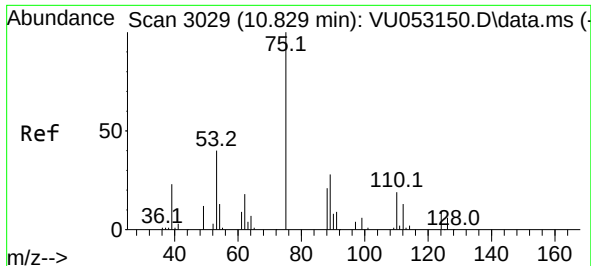
Tgt Ion:105 Resp: 177808
Ion Ratio Lower Upper
105 100
120 25.1 12.6 37.6



#70
1,1,2,2-Tetrachloroethane
Concen: 5.013 ug/l
RT: 10.778 min Scan# 3013
Delta R.T. -0.000 min
Lab File: VU053149.D
Acq: 27 Feb 2023 11:37

Tgt Ion: 83 Resp: 36164
Ion Ratio Lower Upper
83 100
131 8.8 6.6 9.8
85 63.8 49.3 73.9

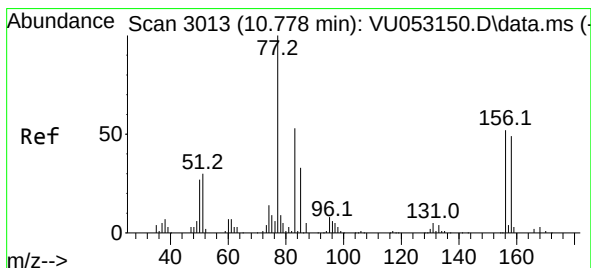
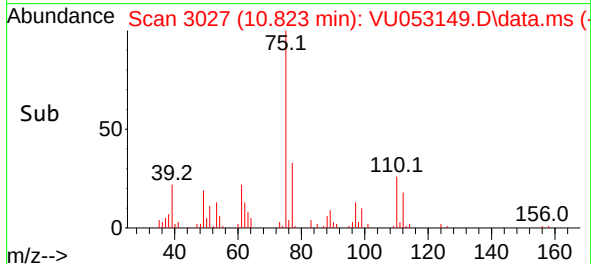
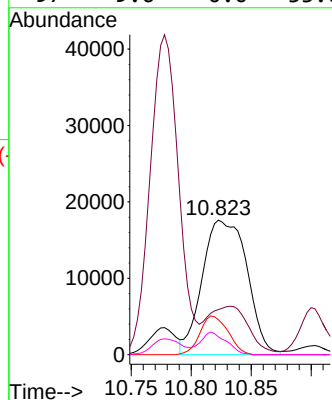
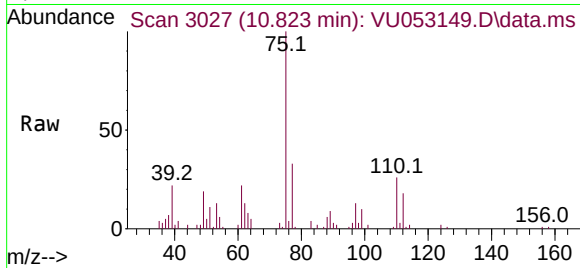




#71
1,2,3-Trichloropropane
Concen: 7.592 ug/l
RT: 10.823 min Scan# 3029
Delta R.T. -0.007 min
Lab File: VU053149.D
Acq: 27 Feb 2023 11:37

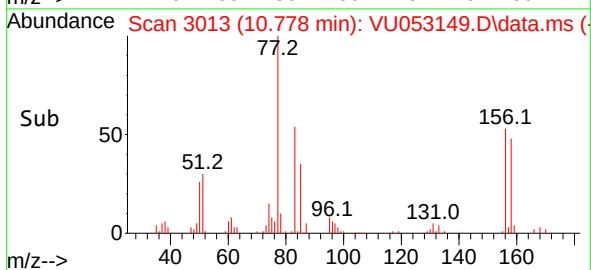
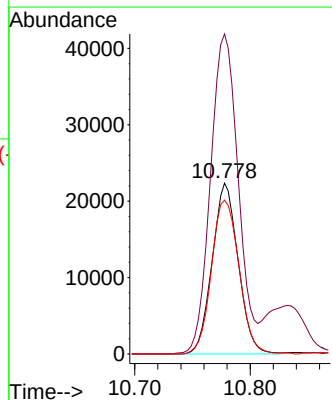
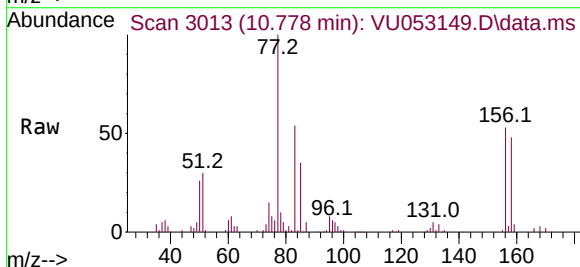
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

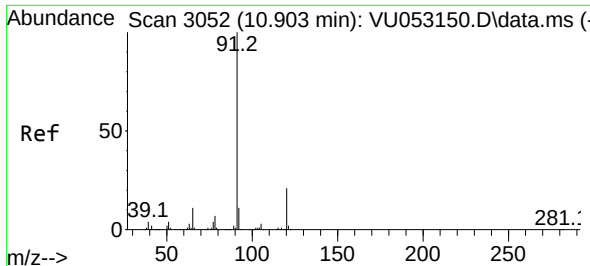
Tgt Ion:	75	Resp:	45740
Ion	Ratio	Lower	Upper
75	100		
77	30.6	0.0	98.2
110	18.1	0.0	57.0
97	9.6	0.0	33.6



#72
Bromobenzene
Concen: 5.005 ug/l
RT: 10.778 min Scan# 3013
Delta R.T. -0.000 min
Lab File: VU053149.D
Acq: 27 Feb 2023 11:37

Tgt Ion:	156	Resp:	34819
Ion	Ratio	Lower	Upper
156	100		
77	200.8	0.0	397.0
158	96.0	0.0	189.2

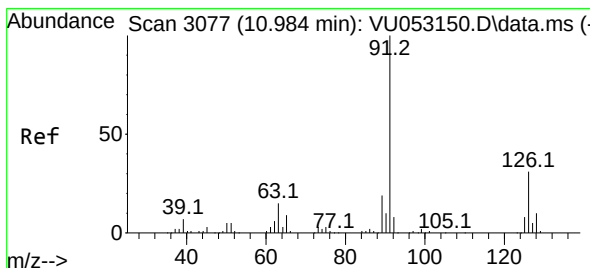
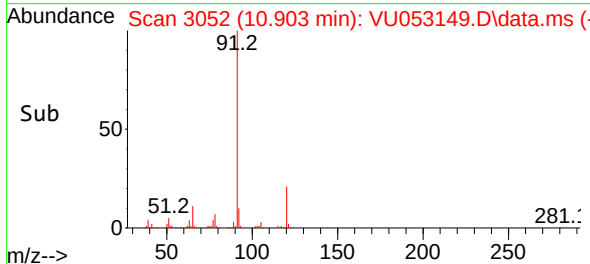
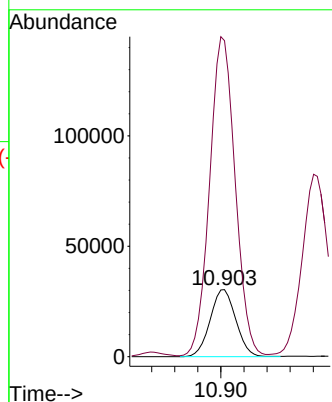
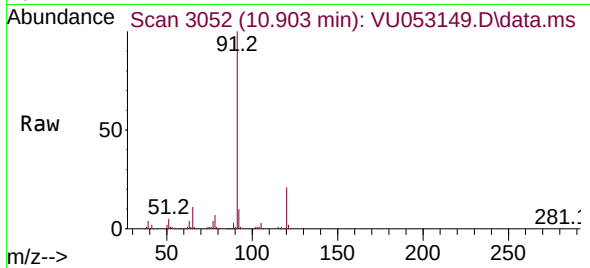




#73
n-propylbenzene
Concen: 4.921 ug/l
RT: 10.903 min Scan# 3052
Delta R.T. -0.000 min
Lab File: VU053149.D
Acq: 27 Feb 2023 11:37

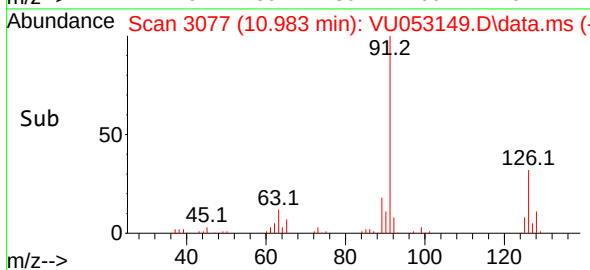
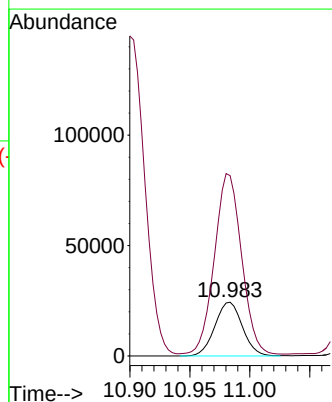
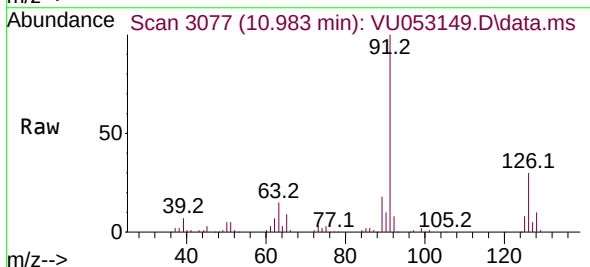
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

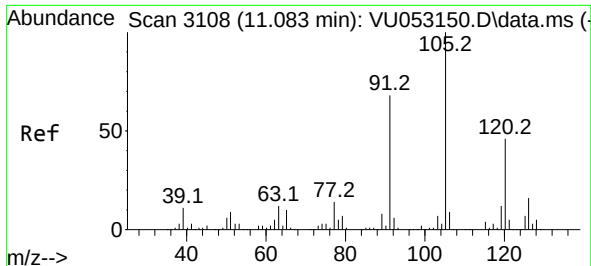
Tgt Ion:120 Resp: 46802
Ion Ratio Lower Upper
120 100
91 473.7 372.5 558.7



#74
2-Chlorotoluene
Concen: 4.926 ug/l
RT: 10.983 min Scan# 3077
Delta R.T. -0.000 min
Lab File: VU053149.D
Acq: 27 Feb 2023 11:37

Tgt Ion:126 Resp: 38795
Ion Ratio Lower Upper
126 100
91 331.7 0.0 658.6

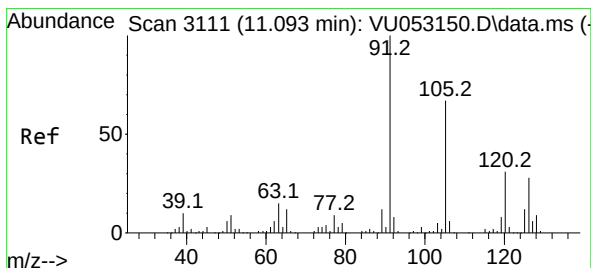
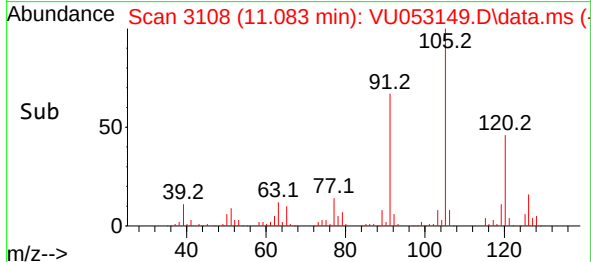
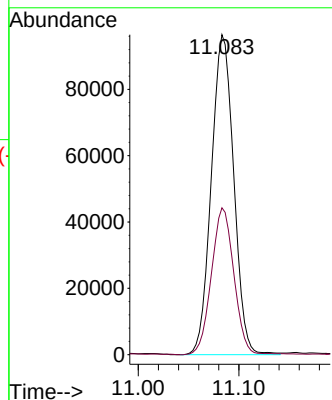
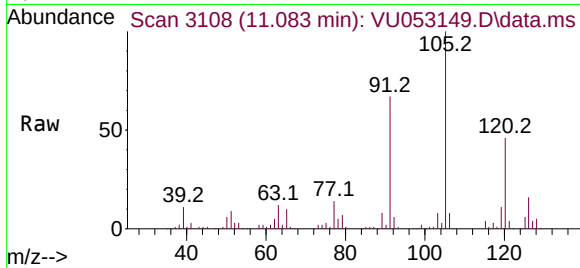




#75
1,3,5-Trimethylbenzene
Concen: 5.008 ug/l
RT: 11.083 min Scan# 3108
Delta R.T. -0.000 min
Lab File: VU053149.D
Acq: 27 Feb 2023 11:37

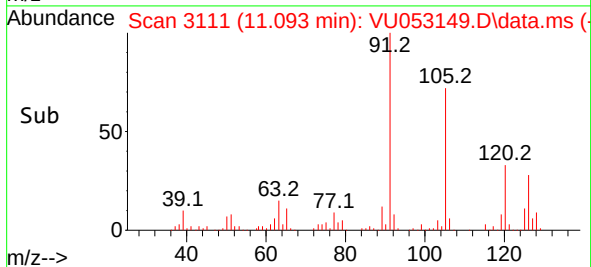
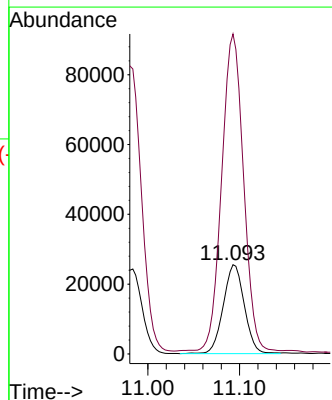
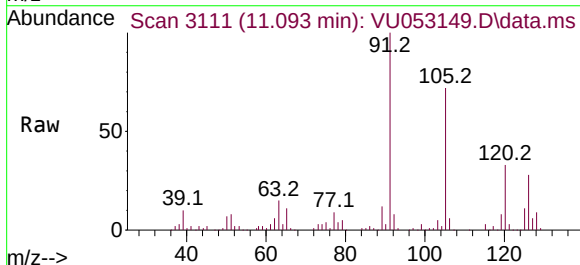
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

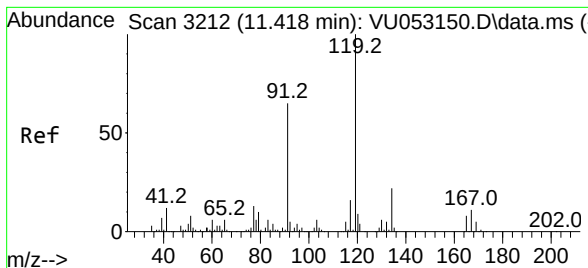
Tgt Ion:105 Resp: 149395
Ion Ratio Lower Upper
105 100
120 46.3 36.5 54.7



#76
4-Chlorotoluene
Concen: 4.893 ug/l
RT: 11.093 min Scan# 3111
Delta R.T. -0.000 min
Lab File: VU053149.D
Acq: 27 Feb 2023 11:37

Tgt Ion:126 Resp: 40505
Ion Ratio Lower Upper
126 100
91 367.1 0.0 760.6





#77

tert-Butylbenzene

Concen: 4.971 ug/l

RT: 11.418 min Scan# 3212

Delta R.T. -0.000 min

Lab File: VU053149.D

Acq: 27 Feb 2023 11:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

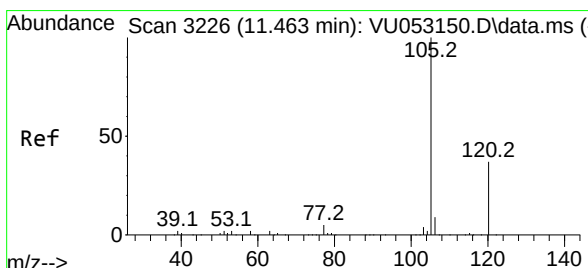
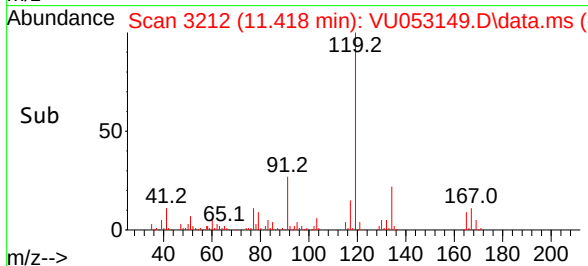
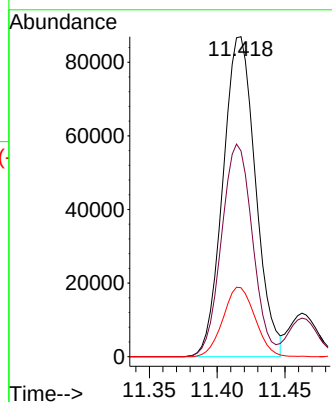
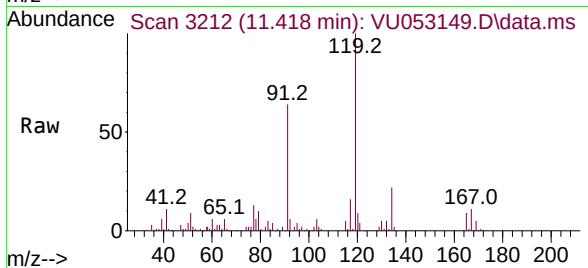
Tgt Ion:119 Resp: 145301

Ion Ratio Lower Upper

119 100

91 63.4 31.9 95.7

134 21.4 17.4 26.0



#78

1,2,4-Trimethylbenzene

Concen: 4.927 ug/l

RT: 11.463 min Scan# 3226

Delta R.T. -0.000 min

Lab File: VU053149.D

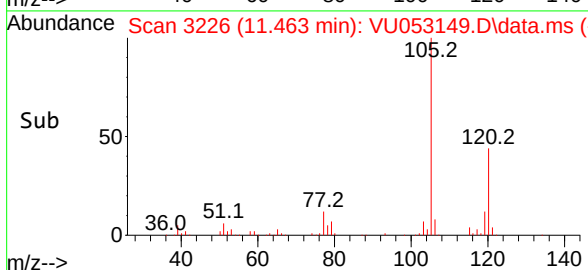
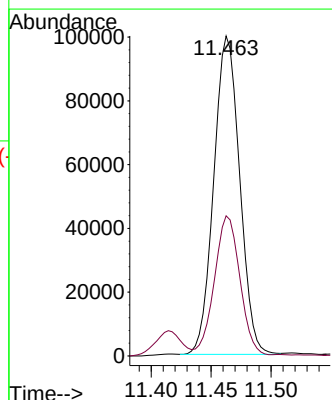
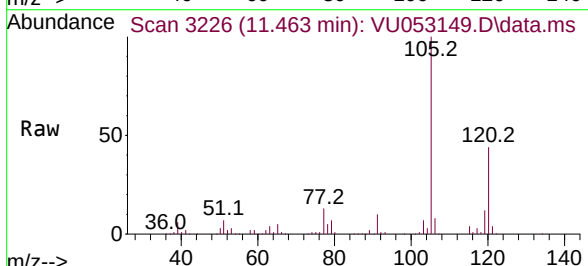
Acq: 27 Feb 2023 11:37

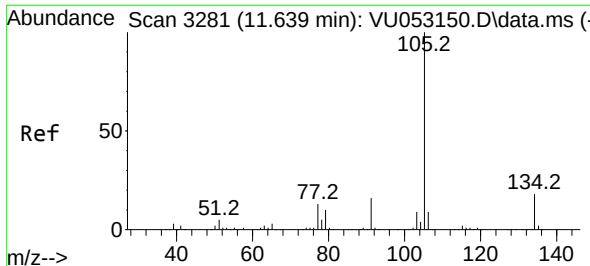
Tgt Ion:105 Resp: 149788

Ion Ratio Lower Upper

105 100

120 42.9 21.1 63.1

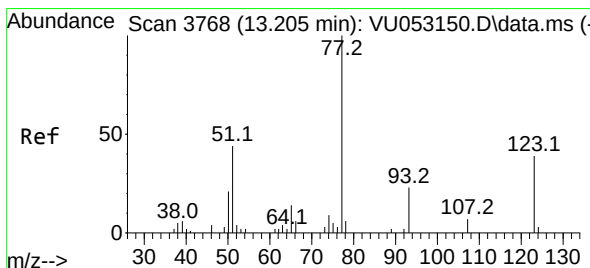
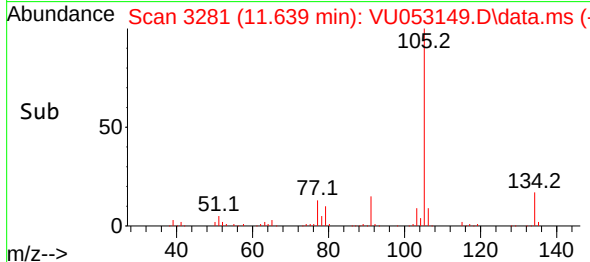
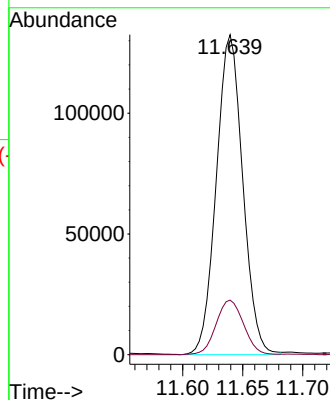
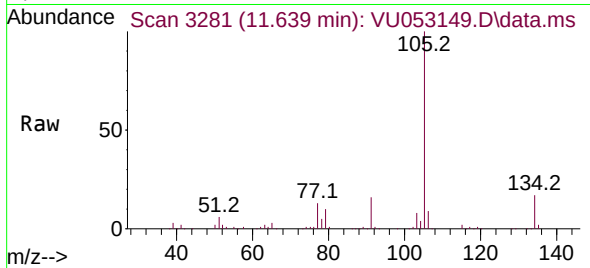




#79
 sec-Butylbenzene
 Concen: 5.007 ug/l
 RT: 11.639 min Scan# 3281
 Delta R.T. -0.000 min
 Lab File: VU053149.D
 Acq: 27 Feb 2023 11:37

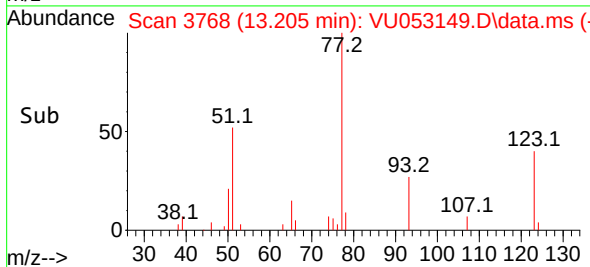
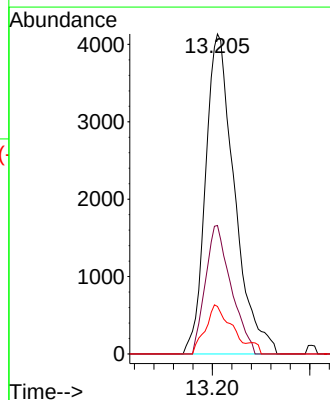
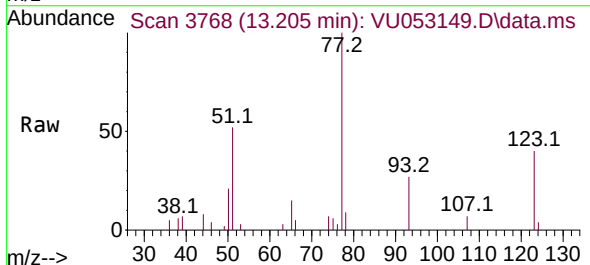
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

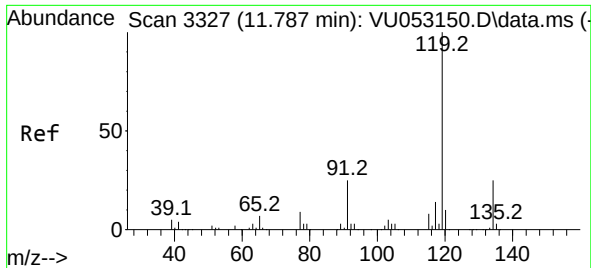
Tgt Ion:105 Resp: 203107
 Ion Ratio Lower Upper
 105 100
 134 17.7 14.4 21.6



#80
 Nitrobenzene
 Concen: 22.597 ug/l
 RT: 13.205 min Scan# 3768
 Delta R.T. -0.000 min
 Lab File: VU053149.D
 Acq: 27 Feb 2023 11:37

Tgt Ion: 77 Resp: 8520
 Ion Ratio Lower Upper
 77 100
 123 35.7 17.0 60.2
 65 10.9 12.9 16.5#

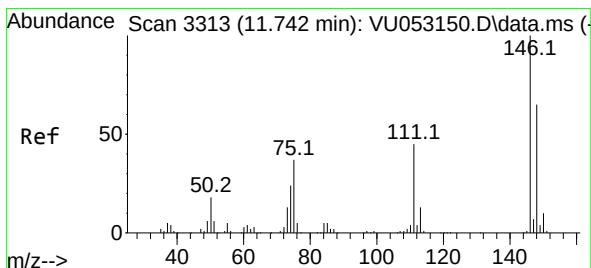
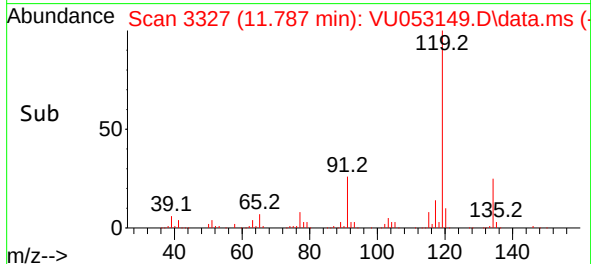
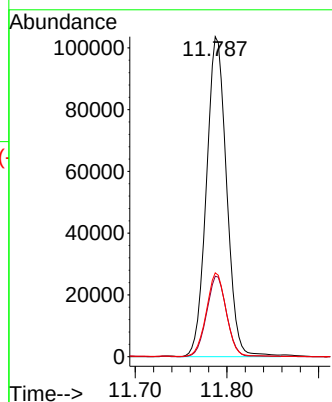
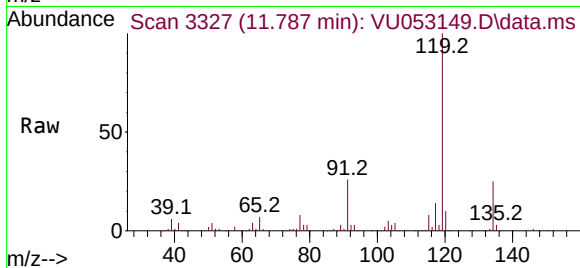




#81
p-Isopropyltoluene
Concen: 4.928 ug/l
RT: 11.787 min Scan# 3327
Delta R.T. -0.000 min
Lab File: VU053149.D
Acq: 27 Feb 2023 11:37

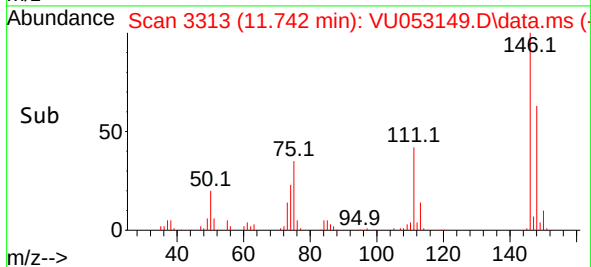
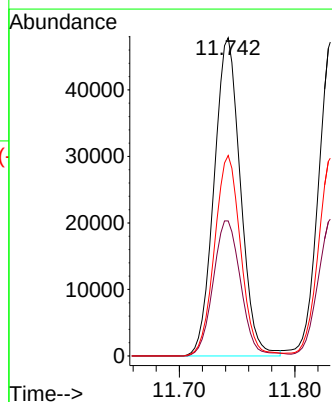
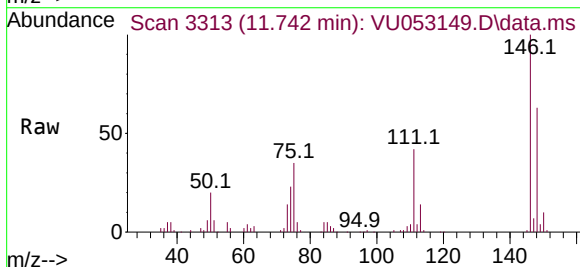
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

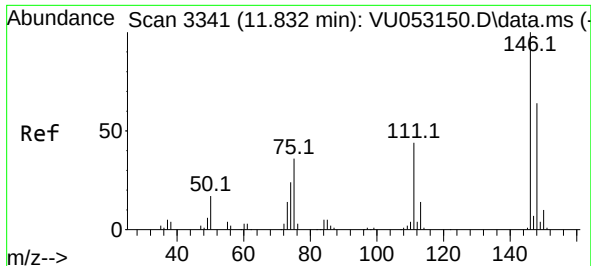
Tgt Ion:119 Resp: 158368
Ion Ratio Lower Upper
119 100
134 24.7 19.8 29.6
91 25.4 20.5 30.7



#82
1,3-Dichlorobenzene
Concen: 4.970 ug/l
RT: 11.742 min Scan# 3313
Delta R.T. -0.000 min
Lab File: VU053149.D
Acq: 27 Feb 2023 11:37

Tgt Ion:146 Resp: 75906
Ion Ratio Lower Upper
146 100
111 44.3 36.0 54.0
148 62.4 50.8 76.2

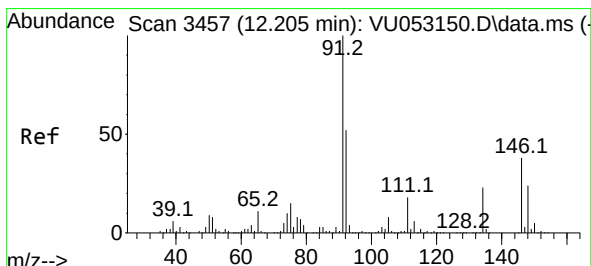
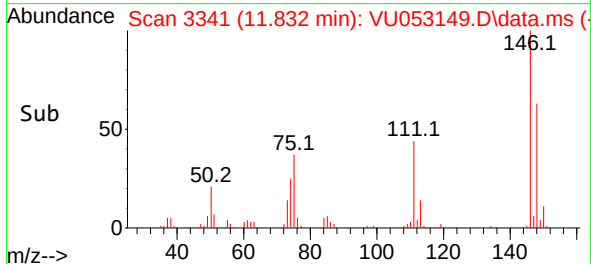
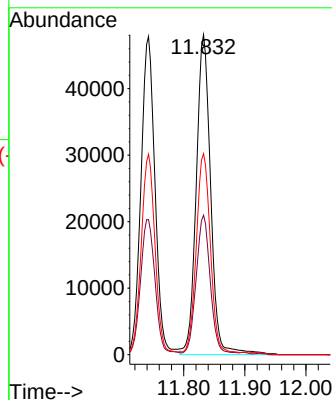
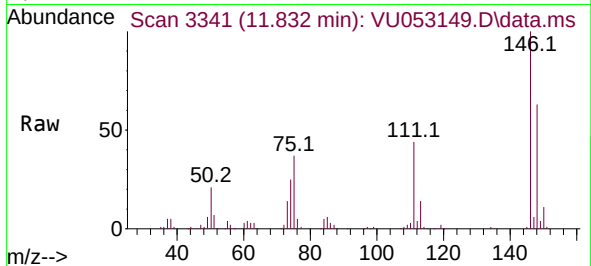




#83
1,4-Dichlorobenzene
Concen: 5.063 ug/l
RT: 11.832 min Scan# 3341
Delta R.T. -0.000 min
Lab File: VU053149.D
Acq: 27 Feb 2023 11:37

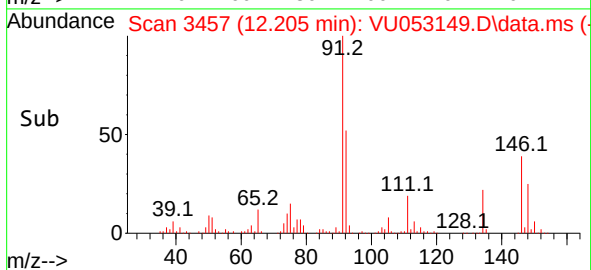
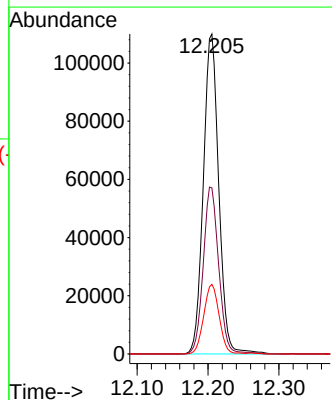
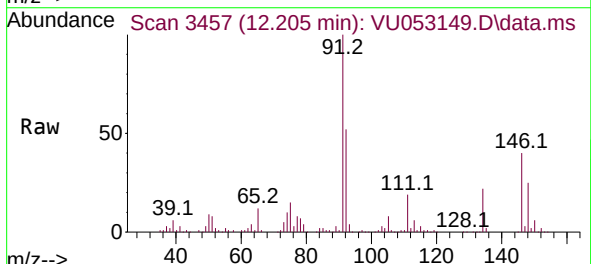
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

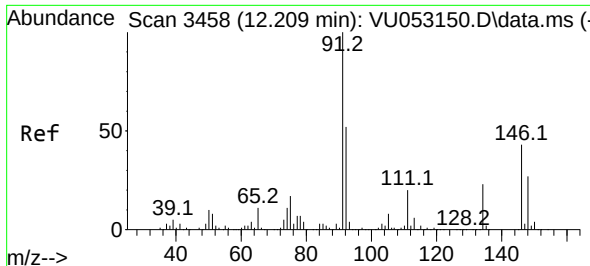
Tgt Ion:146 Resp: 78935
Ion Ratio Lower Upper
146 100
111 41.6 34.0 51.0
148 60.3 49.8 74.6



#84
n-Butylbenzene
Concen: 4.995 ug/l
RT: 12.205 min Scan# 3457
Delta R.T. -0.000 min
Lab File: VU053149.D
Acq: 27 Feb 2023 11:37

Tgt Ion: 91 Resp: 166296
Ion Ratio Lower Upper
91 100
92 52.3 41.8 62.6
134 21.7 17.9 26.9

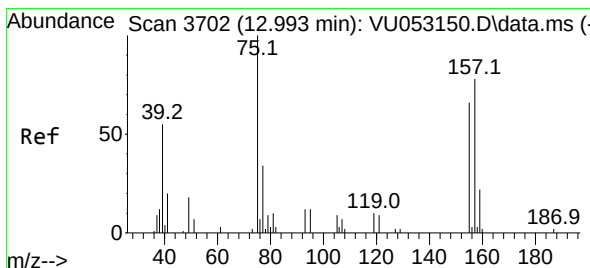
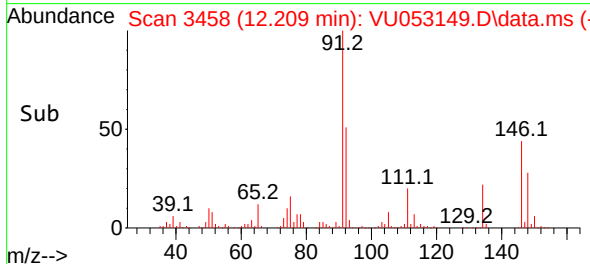
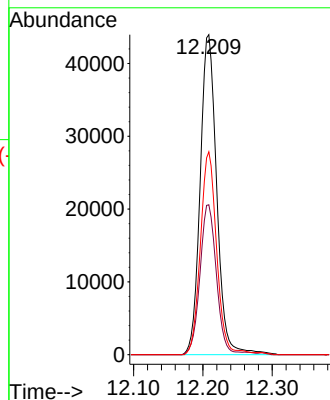
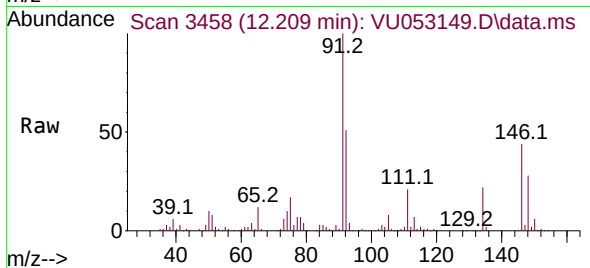




#85
1,2-Dichlorobenzene
Concen: 5.013 ug/l
RT: 12.209 min Scan# 3458
Delta R.T. -0.000 min
Lab File: VU053149.D
Acq: 27 Feb 2023 11:37

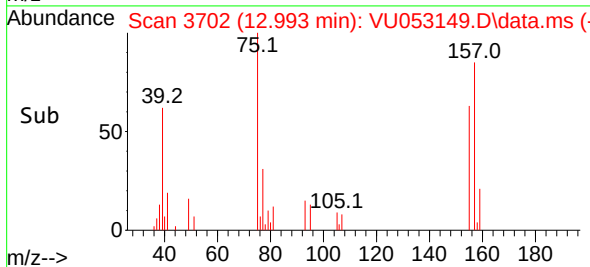
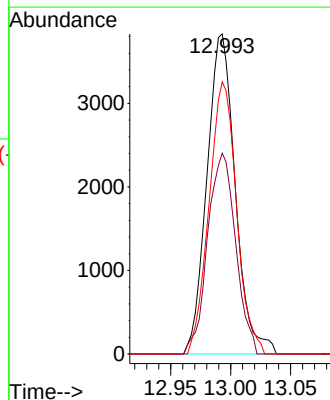
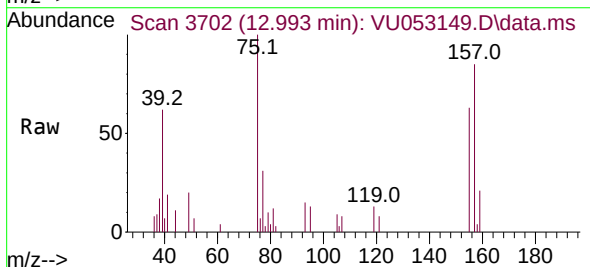
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

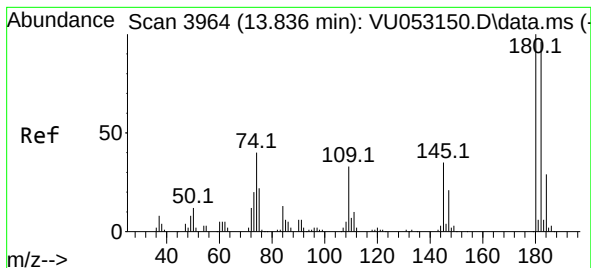
Tgt Ion:146 Resp: 73000
Ion Ratio Lower Upper
146 100
111 46.8 23.2 69.6
148 62.7 31.4 94.3



#86
1,2-Dibromo-3-Chloropropane
Concen: 4.799 ug/l
RT: 12.993 min Scan# 3702
Delta R.T. -0.000 min
Lab File: VU053149.D
Acq: 27 Feb 2023 11:37

Tgt Ion: 75 Resp: 6285
Ion Ratio Lower Upper
75 100
155 62.0 53.4 80.0
157 82.5 61.7 92.5





#87

1,2,4-Trichlorobenzene

Concen: 4.867 ug/l

RT: 13.835 min Scan# 3964

Delta R.T. -0.000 min

Lab File: VU053149.D

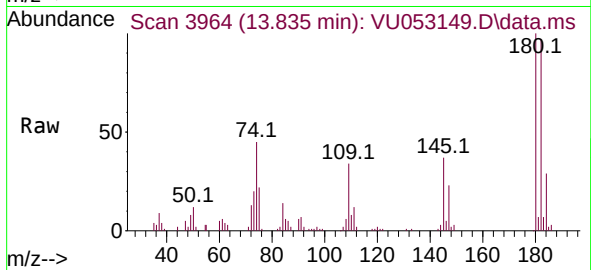
Acq: 27 Feb 2023 11:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005



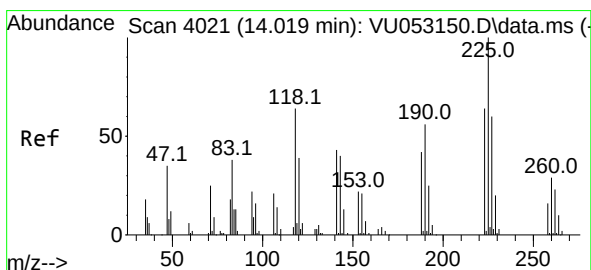
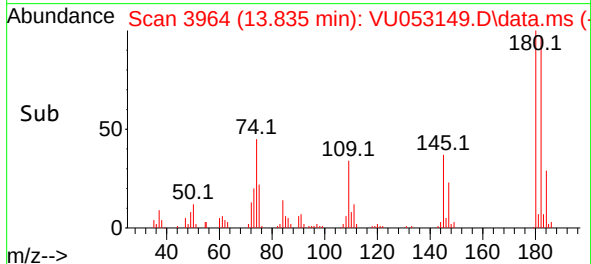
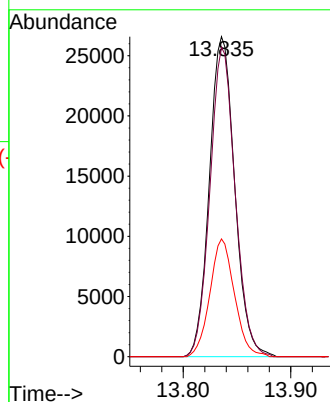
Tgt Ion:180 Resp: 43495

Ion Ratio Lower Upper

180 100

182 96.0 77.4 116.0

145 35.7 28.3 42.5



#88

Hexachlorobutadiene

Concen: 4.834 ug/l

RT: 14.015 min Scan# 4020

Delta R.T. -0.003 min

Lab File: VU053149.D

Acq: 27 Feb 2023 11:37

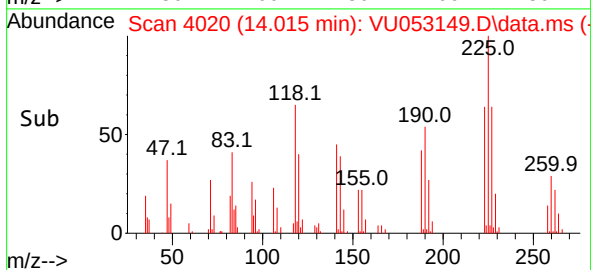
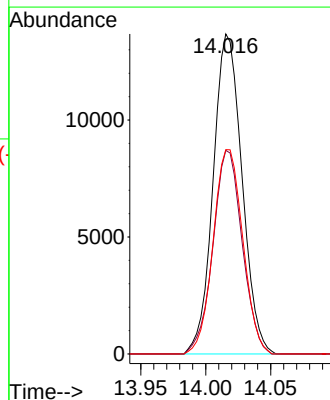
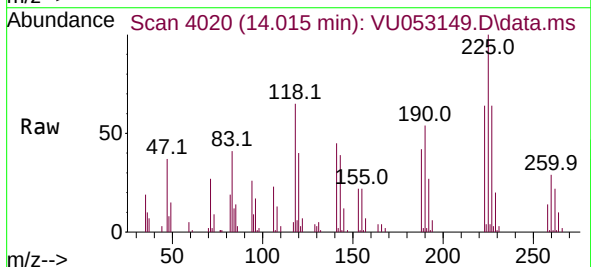
Tgt Ion:225 Resp: 21101

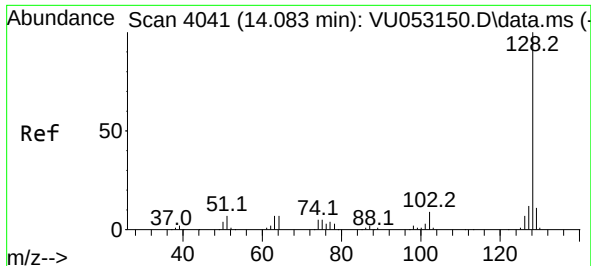
Ion Ratio Lower Upper

225 100

223 64.4 51.1 76.7

227 65.7 49.9 74.9





#89

Naphthalene

Concen: 4.791 ug/l

RT: 14.083 min Scan# 4041

Delta R.T. -0.000 min

Lab File: VU053149.D

Acq: 27 Feb 2023 11:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

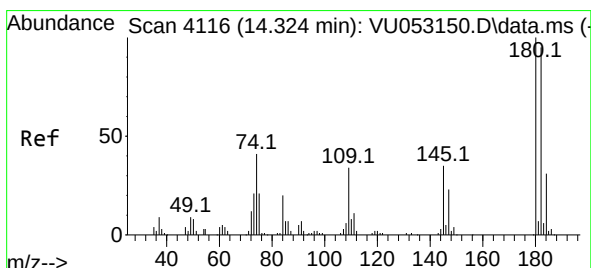
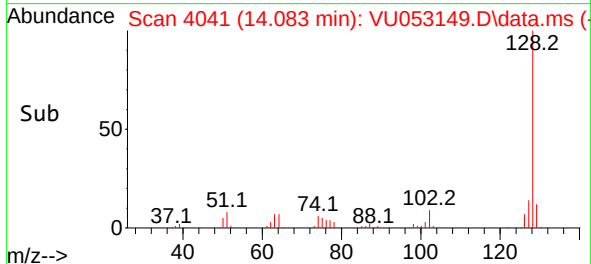
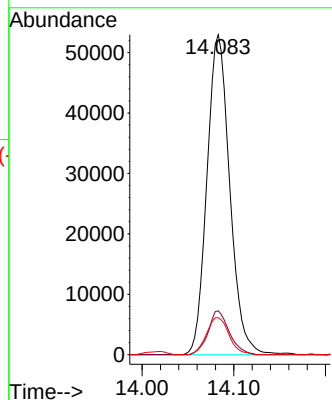
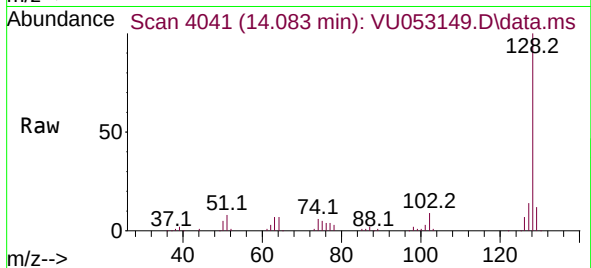
Tgt Ion:128 Resp: 91553

Ion Ratio Lower Upper

128 100

127 12.8 9.9 14.9

129 11.4 8.3 12.5



#90

1,2,3-Trichlorobenzene

Concen: 4.965 ug/l

RT: 14.324 min Scan# 4116

Delta R.T. -0.000 min

Lab File: VU053149.D

Acq: 27 Feb 2023 11:37

Tgt Ion:180 Resp: 39042

Ion Ratio Lower Upper

180 100

182 94.0 76.6 115.0

145 35.8 29.0 43.6

