

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041923\
 Data File : VU053782.D
 Acq On : 19 Apr 2023 14:34
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Quant Time: Apr 20 08:11:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U041923DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Apr 20 08:05:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.108	96	29915	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	11535	1.058	ug/l	0.00
Spiked Amount	1.000		Recovery	=	106.000%	
68) 1,2-Dichlorobenzene-d4	12.192	152	13365	1.175	ug/l	0.00
Spiked Amount	1.000		Recovery	=	118.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	8919	0.855	ug/l	99
3) Chloromethane	1.520	50	8653	0.825	ug/l	97
4) Vinyl Chloride	1.600	62	9471	0.847	ug/l	97
5) Bromomethane	1.854	94	7306	0.774	ug/l	98
6) Chloroethane	1.928	64	6168	0.853	ug/l	94
7) Trichlorofluoromethane	2.134	101	16082	0.938	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.578	101	10371	1.155	ug/l	96
9) 1,1-Dichloroethene	2.578	96	8912	1.115	ug/l	76
10) Iodomethane	2.719	142	8025	0.982	ug/l	99
11) Allyl Chloride	2.919	41	10206	1.140	ug/l	97
12) Acrylonitrile	3.317	53	4590	2.836	ug/l	94
13) Acetone	2.636	43	11035	3.565	ug/l	90
14) Carbon Disulfide	2.790	76	14138	0.634	ug/l	100
15) Methylene Chloride	3.041	84	13099	0.697	ug/l #	87
16) trans-1,2-Dichloroethene	3.346	96	9166	1.109	ug/l	93
17) 1,1-Dichloroethane	3.864	63	19170	1.248	ug/l	100
18) 2-Butanone	4.723	43	15792	4.911	ug/l	98
19) Cyclohexane	5.372	56	12530	1.038	ug/l #	89
20) Methylcyclohexane	6.755	83	10823	0.742	ug/l	92
21) 2,2-Dichloropropane	4.661	77	16827	1.265	ug/l	99
22) cis-1,2-Dichloroethene	4.661	96	11790	1.291	ug/l	98
23) Diethyl Ether	2.375	59	6104	0.973	ug/l	90
24) tert-Butyl Alcohol	3.224	59	4240	6.779	ug/l #	1
25) Methyl tert-Butyl Ether	3.362	73	24265	1.324	ug/l	100
26) Bromochloromethane	4.967	128	4823	1.277	ug/l	94
27) Chloroform	5.079	83	21034	1.306	ug/l	99
28) 1,1,1-Trichloroethane	5.308	97	16760	1.216	ug/l	100
29) 1,1-Dichloropropene	5.517	75	10658	0.948	ug/l	95
30) Carbon Tetrachloride	5.510	117	12094	1.134	ug/l	94
31) Isopropyl Ether	3.999	45	28147	1.321	ug/l	88
32) Ethyl-t-butyl ether	4.507	59	28663	1.310	ug/l	94
33) Tert-Amyl methyl ether	5.948	73	19382	1.032	ug/l	97
34) Propionitrile	4.793	54	4399	8.148	ug/l #	16
35) Benzene	5.768	78	33422	1.003	ug/l	100
36) 1,2-Dichloroethane	5.793	62	10563	1.085	ug/l	98
37) Trichloroethene	6.536	130	8831	1.034	ug/l	96
38) 1,2-Dichloropropane	6.787	63	9394	1.080	ug/l	99
39) Methacrylonitrile	4.973	41	3887	1.736	ug/l #	90
40) Methyl acrylate	4.851	55	5686	1.391	ug/l #	85
41) Tetrahydrofuran	5.070	42	3677	3.215	ug/l	93
42) 1-Chlorobutane	5.452	56	14313	0.950	ug/l	96
43) Dibromomethane	6.915	93	4728	1.134	ug/l	96
44) Bromodichloromethane	7.108	83	11583	1.109	ug/l	98

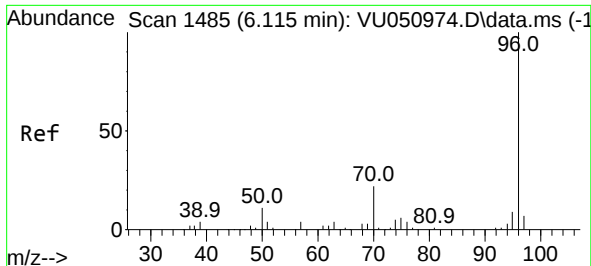
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041923\
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Quant Time: Apr 20 08:11:44 2023
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.796	43	23422	5.376	ug/l #	97
46) t-1,4-Dichloro-2-butene	10.822	75	10667	4.529	ug/l #	42
47) Methyl methacrylate	6.970	69	8049	2.097	ug/l	95
48) Ethyl methacrylate	8.337	69	8133	1.096	ug/l	86
49) Toluene	7.964	92	19891	0.968	ug/l	96
50) t-1,3-Dichloropropene	8.211	75	9893	1.026	ug/l	97
51) cis-1,3-Dichloropropene	7.607	75	11974	1.010	ug/l	93
52) 1,1,2-Trichloroethane	8.398	97	7399	1.198	ug/l	94
53) 1,3-Dichloropropane	8.574	76	11731	1.122	ug/l	96
54) 2-Hexanone	8.690	43	17814	3.882	ug/l	100
55) Dibromochloromethane	8.806	129	7273	1.149	ug/l	96
56) 1,2-Dibromoethane	8.925	107	6225	1.102	ug/l	99
58) Tetrachloroethene	8.549	164	8836	1.103	ug/l	91
59) Chlorobenzene	9.446	112	24605	1.063	ug/l	94
60) 1,1,1,2-Tetrachloroethane	9.529	131	8814	1.215	ug/l	99
61) Pentachloroethane	11.423	117	6897	1.311	ug/l	98
62) Hexachloroethane	12.471	117	6212	1.080	ug/l	92
63) Ethyl Benzene	9.565	91	36996	0.925	ug/l	91
64) m/p-Xylenes	9.690	106	27704	1.802	ug/l	98
65) o-Xylene	10.099	106	13861	0.916	ug/l	94
66) Styrene	10.111	104	22207	0.949	ug/l	99
67) Bromoform	10.288	173	3803	1.248	ug/l #	95
69) Isopropylbenzene	10.481	105	37470	0.946	ug/l	96
70) 1,1,2,2-Tetrachloroethane	10.780	83	9287	1.234	ug/l	99
71) 1,2,3-Trichloropropane	10.822	75	10667	1.865	ug/l	73
72) Bromobenzene	10.780	156	9824	1.140	ug/l	91
73) n-propylbenzene	10.902	120	10181	0.959	ug/l	95
74) 2-Chlorotoluene	10.983	126	9938	1.073	ug/l	86
75) 1,3,5-Trimethylbenzene	11.086	105	31997	0.953	ug/l	100
76) 4-Chlorotoluene	11.095	126	9660	0.996	ug/l	93
77) tert-Butylbenzene	11.417	119	31856	1.005	ug/l	99
78) 1,2,4-Trimethylbenzene	11.465	105	31218	0.907	ug/l	96
79) sec-Butylbenzene	11.639	105	42336	0.940	ug/l	98
80) Nitrobenzene	13.214	77	1110	5.520	ug/l #	75
81) p-Isopropyltoluene	11.790	119	32558	0.910	ug/l	96
82) 1,3-Dichlorobenzene	11.742	146	21076	1.144	ug/l	98
83) 1,4-Dichlorobenzene	11.832	146	20323	1.086	ug/l	99
84) n-Butylbenzene	12.205	91	30995	0.890	ug/l	99
85) 1,2-Dichlorobenzene	12.211	146	19965	1.129	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.999	75	1331	1.158	ug/l	96
87) 1,2,4-Trichlorobenzene	13.838	180	12699	1.206	ug/l	98
88) Hexachlorobutadiene	14.018	225	6928	1.324	ug/l	95
89) Naphthalene	14.086	128	22919	1.097	ug/l	98
90) 1,2,3-Trichlorobenzene	14.327	180	11733	1.255	ug/l	94

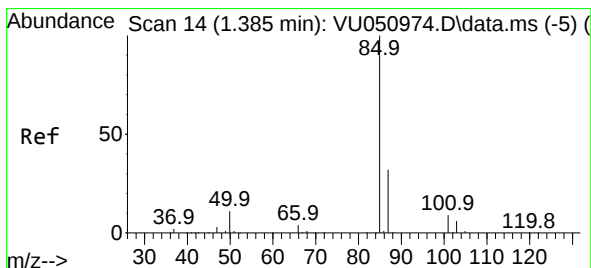
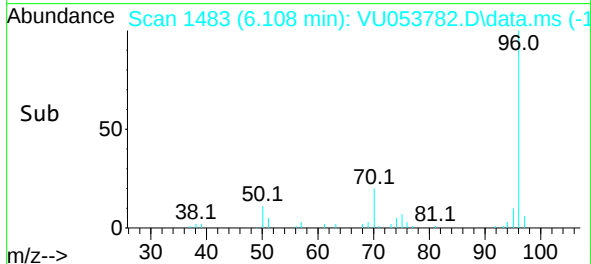
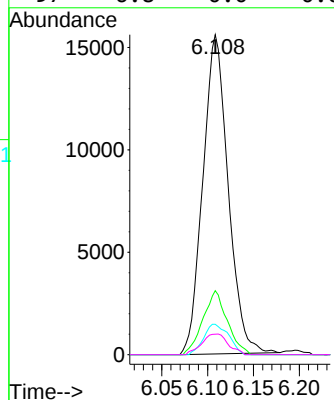
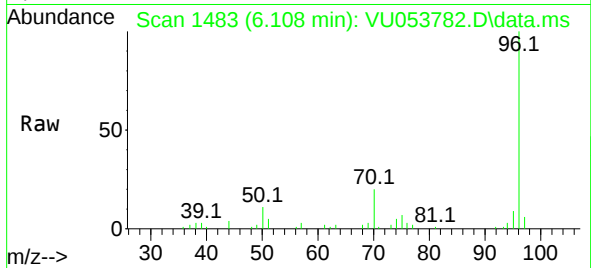
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.108 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU053782.D
Acq: 19 Apr 2023 14:34

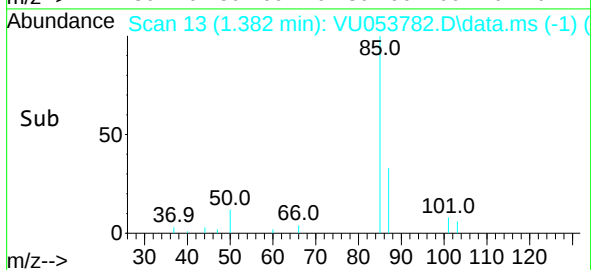
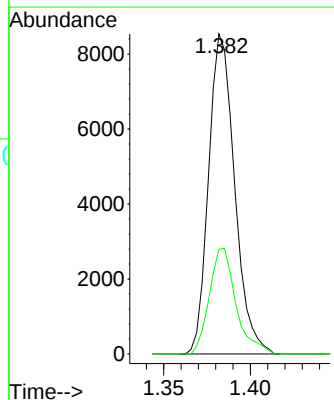
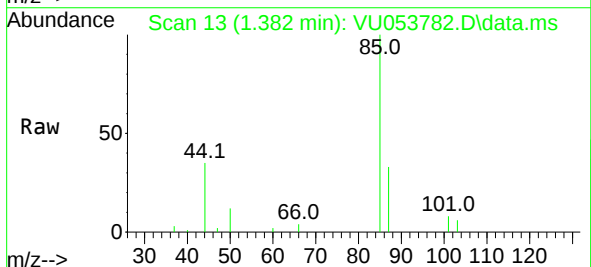
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

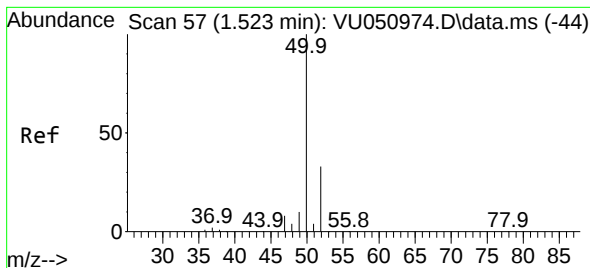
Tgt Ion: 96	Resp: 29915
Ion Ratio	Lower Upper
96 100	
70 19.3	16.5 24.7
95 9.4	7.4 11.0
97 6.8	0.0 0.0



#2
Dichlorodifluoromethane
Concen: 0.855 ug/l
RT: 1.382 min Scan# 13
Delta R.T. -0.000 min
Lab File: VU053782.D
Acq: 19 Apr 2023 14:34

Tgt Ion: 85	Resp: 8919
Ion Ratio	Lower Upper
85 100	
87 32.8	16.2 48.6





#3

Chloromethane

Concen: 0.825 ug/l

RT: 1.520 min Scan# 50

Delta R.T. -0.000 min

Lab File: VU053782.D

Acq: 19 Apr 2023 14:34

Instrument :

MSVOA_U

ClientSampleId :

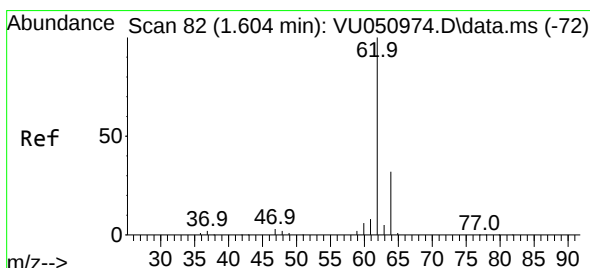
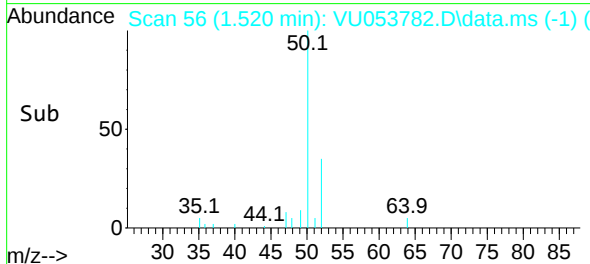
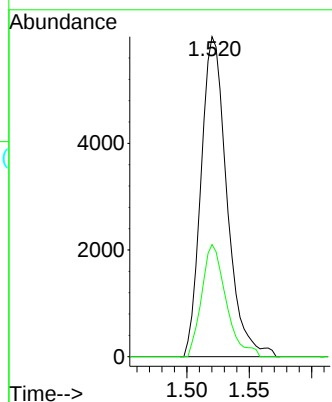
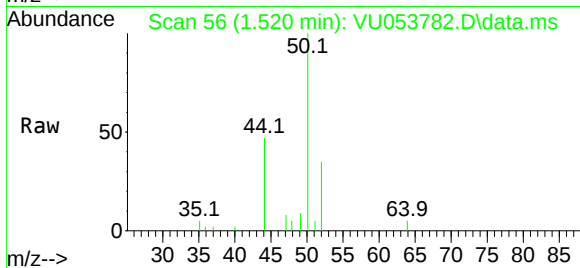
VSTDIC001

Tgt Ion: 50 Resp: 8653

Ion Ratio Lower Upper

50 100

52 35.1 26.6 40.0



#4

Vinyl Chloride

Concen: 0.847 ug/l

RT: 1.600 min Scan# 81

Delta R.T. -0.003 min

Lab File: VU053782.D

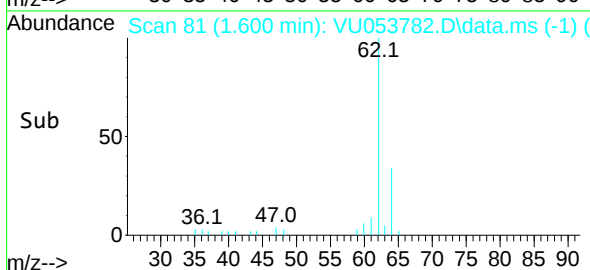
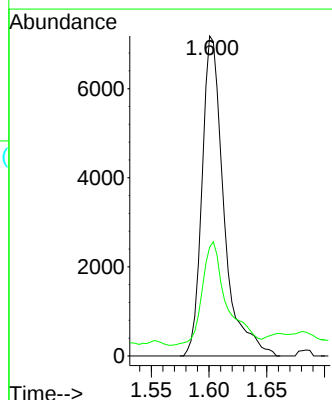
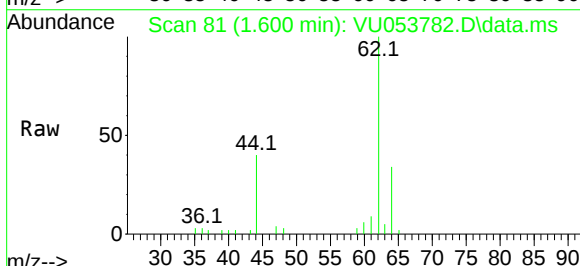
Acq: 19 Apr 2023 14:34

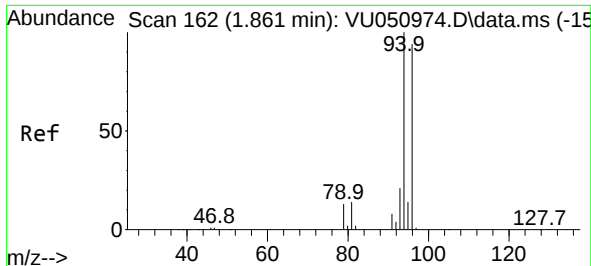
Tgt Ion: 62 Resp: 9471

Ion Ratio Lower Upper

62 100

64 30.1 25.4 38.2





#5

Bromomethane

Concen: 0.774 ug/l

RT: 1.854 min Scan# 1

Delta R.T. 0.010 min

Lab File: VU053782.D

Acq: 19 Apr 2023 14:34

Instrument :

MSVOA_U

ClientSampleId :

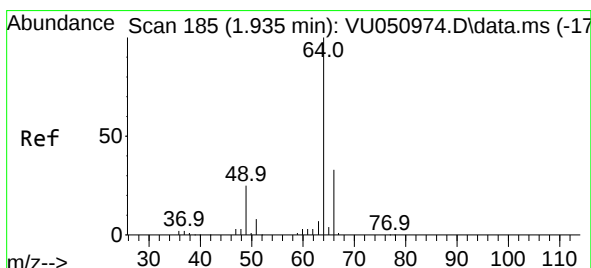
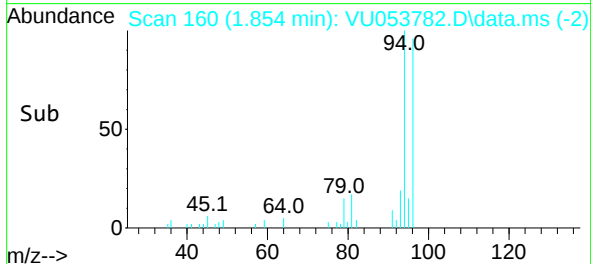
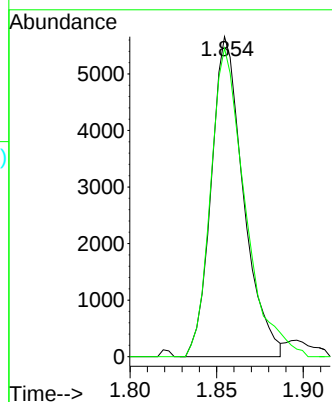
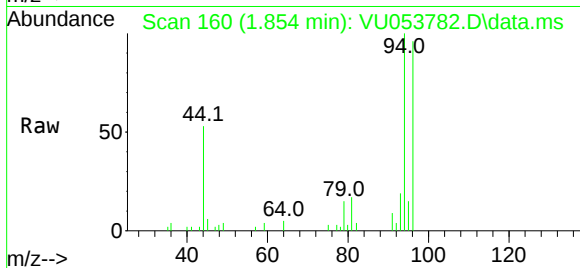
VSTDIC001

Tgt Ion: 94 Resp: 7306

Ion Ratio Lower Upper

94 100

96 96.4 75.4 113.2



#6

Chloroethane

Concen: 0.853 ug/l

RT: 1.928 min Scan# 183

Delta R.T. -0.000 min

Lab File: VU053782.D

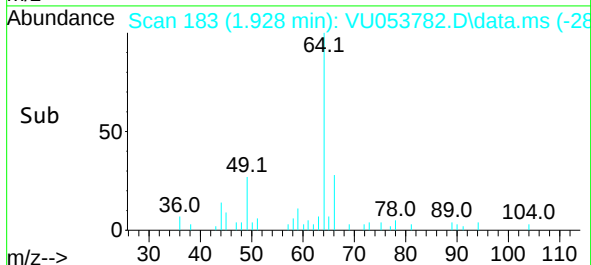
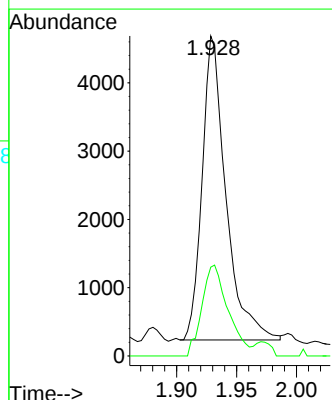
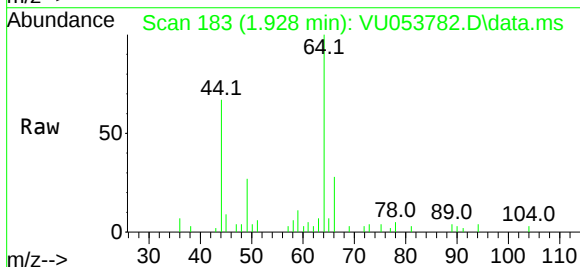
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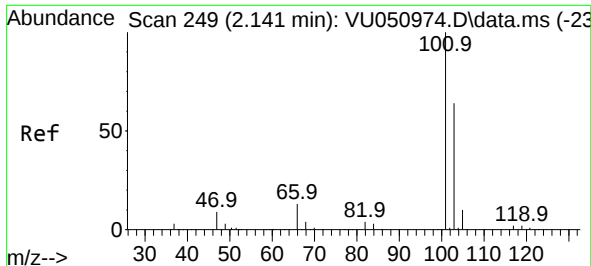
Tgt Ion: 64 Resp: 6168

Ion Ratio Lower Upper

64 100

66 29.2 26.0 39.0

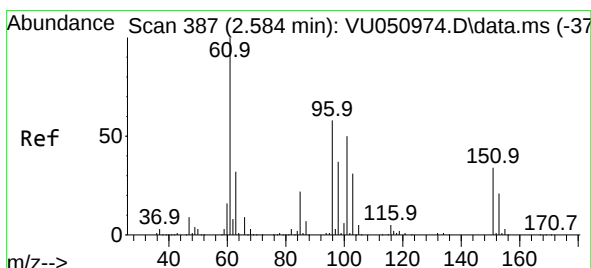
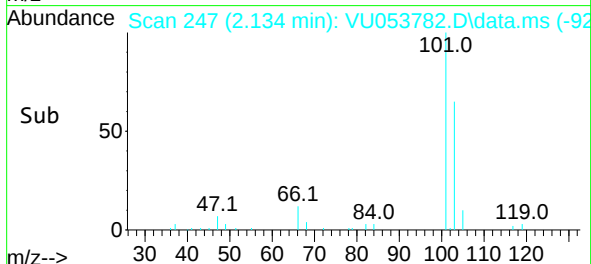
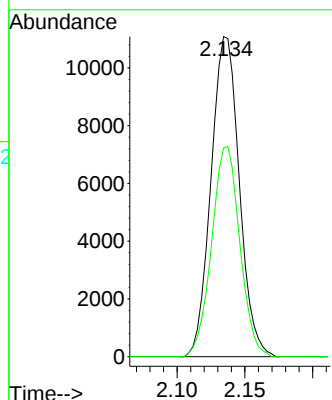
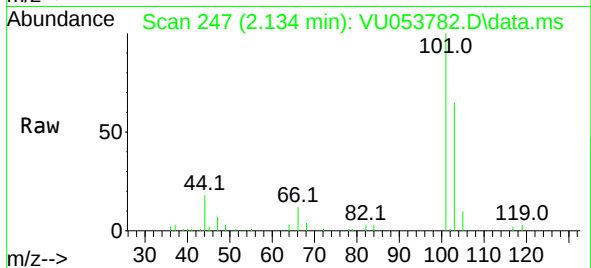




#7
 Trichlorofluoromethane
 Concen: 0.938 ug/l
 RT: 2.134 min Scan# 247
 Delta R.T. -0.000 min
 Lab File: VU053782.D
 Acq: 19 Apr 2023 14:34

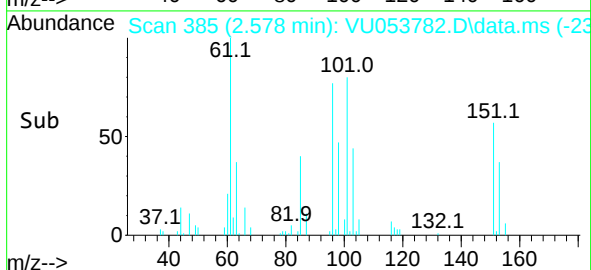
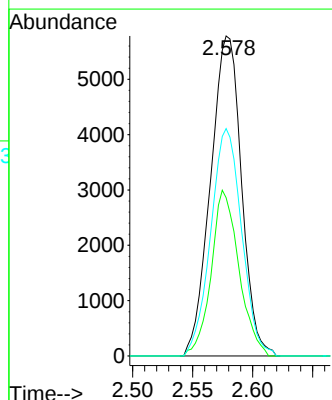
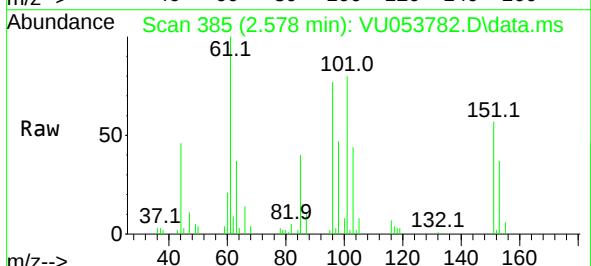
Instrument :
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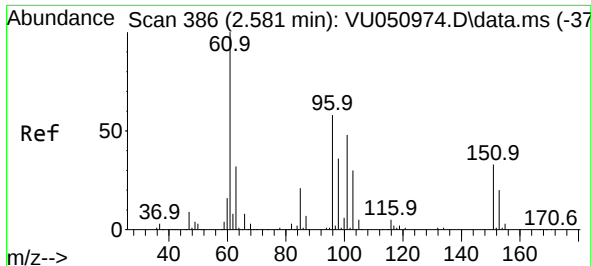
Tgt Ion:101 Resp: 16082
 Ion Ratio Lower Upper
 101 100
 103 65.2 51.4 77.0



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.155 ug/l
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU053782.D
 Acq: 19 Apr 2023 14:34

Tgt Ion:101 Resp: 10371
 Ion Ratio Lower Upper
 101 100
 85 46.5 35.4 53.0
 151 71.1 54.0 81.0

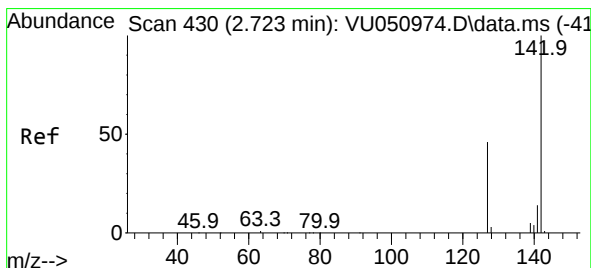
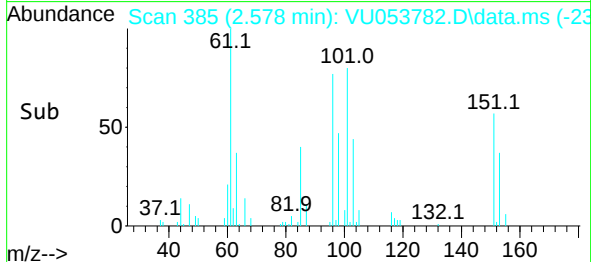
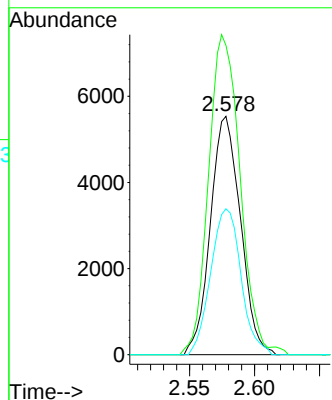
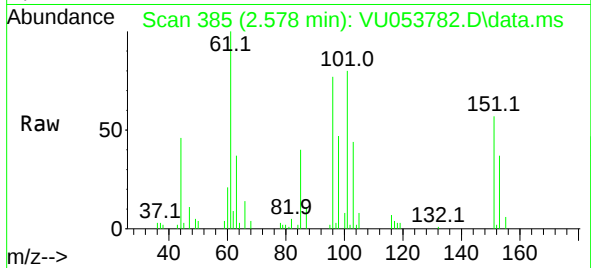




#9
 1,1-Dichloroethene
 Concen: 1.115 ug/l
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU053782.D
 Acq: 19 Apr 2023 14:34

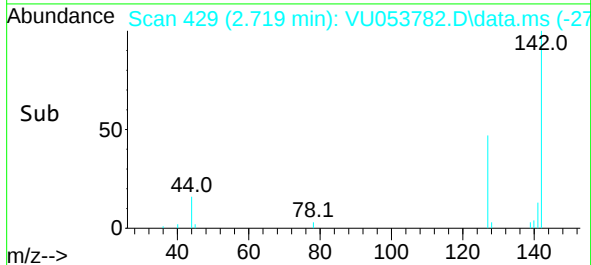
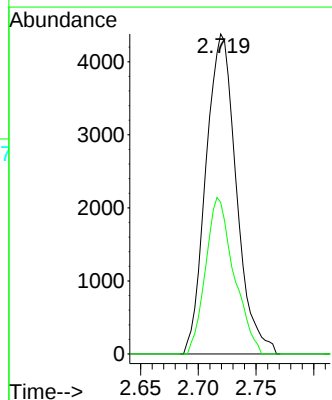
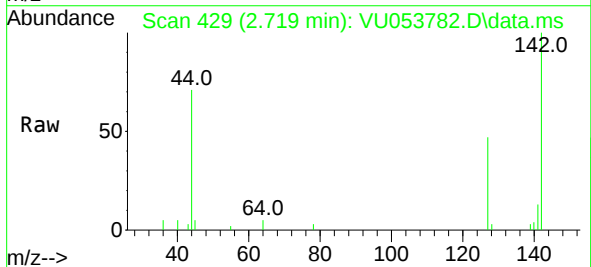
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

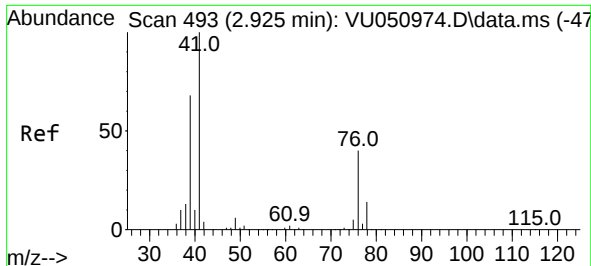
Tgt Ion: 96 Resp: 8912
 Ion Ratio Lower Upper
 96 100
 61 129.8 0.0 521.4
 98 61.2 0.0 125.8



#10
 Iodomethane
 Concen: 0.982 ug/l
 RT: 2.719 min Scan# 429
 Delta R.T. -0.000 min
 Lab File: VU053782.D
 Acq: 19 Apr 2023 14:34

Tgt Ion: 142 Resp: 8025
 Ion Ratio Lower Upper
 142 100
 127 45.5 35.9 53.9





#11

Allyl Chloride

Concen: 1.140 ug/l

RT: 2.919 min Scan# 491

Delta R.T. -0.000 min

Lab File: VU053782.D

Acq: 19 Apr 2023 14:34

Instrument :

MSVOA_U

ClientSampleId :

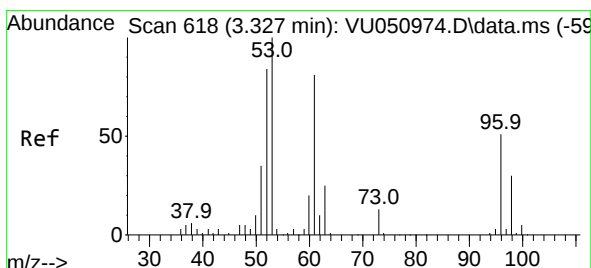
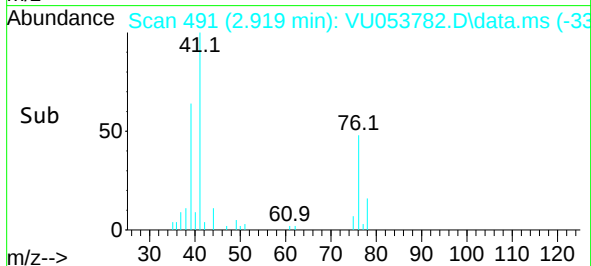
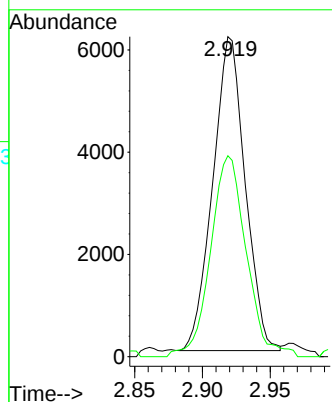
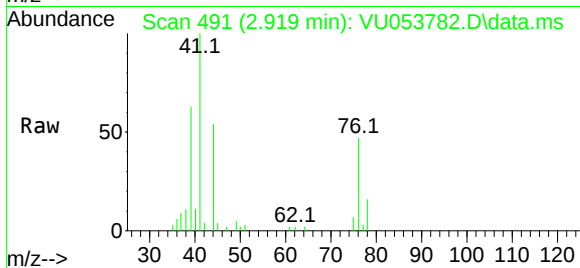
VSTDIC001

Tgt Ion: 41 Resp: 10206

Ion Ratio Lower Upper

41 100

39 70.4 54.2 81.2



#12

Acrylonitrile

Concen: 2.836 ug/l

RT: 3.317 min Scan# 615

Delta R.T. 0.010 min

Lab File: VU053782.D

Acq: 19 Apr 2023 14:34

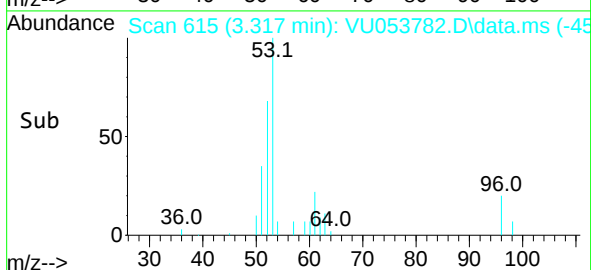
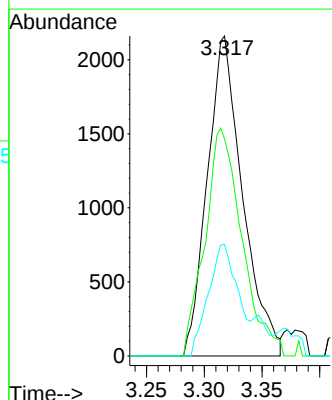
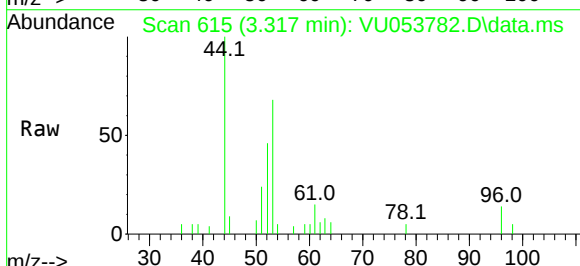
Tgt Ion: 53 Resp: 4590

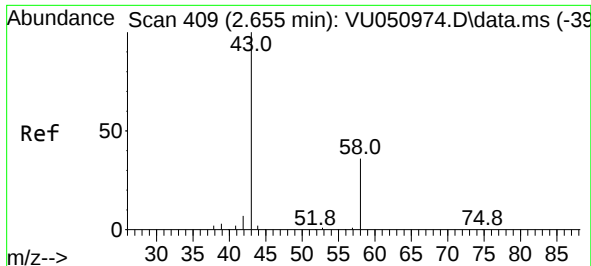
Ion Ratio Lower Upper

53 100

52 74.4 62.9 94.3

51 29.5 27.8 41.6





#13

Acetone

Concen: 3.565 ug/l

RT: 2.636 min Scan# 409

Delta R.T. 0.016 min

Lab File: VU053782.D

Acq: 19 Apr 2023 14:34

Instrument :

MSVOA_U

ClientSampleId :

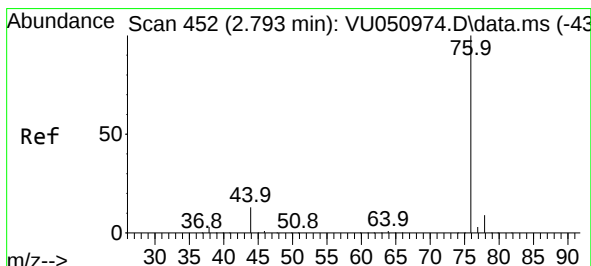
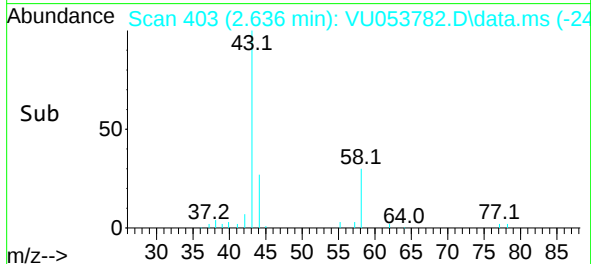
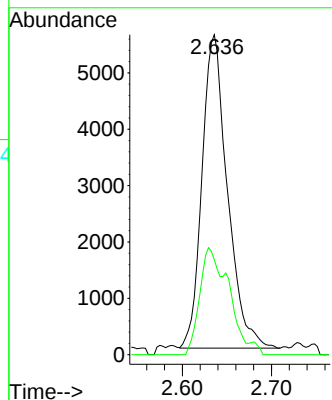
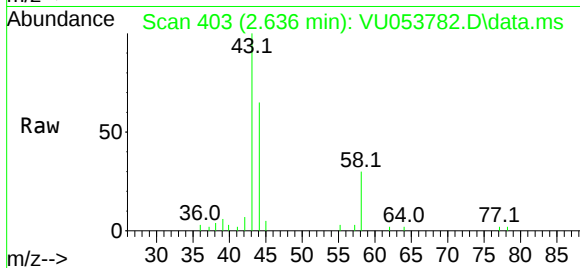
VSTDICC001

Tgt Ion: 43 Resp: 11035

Ion Ratio Lower Upper

43 100

58 30.3 29.0 43.4



#14

Carbon Disulfide

Concen: 0.634 ug/l

RT: 2.790 min Scan# 451

Delta R.T. 0.003 min

Lab File: VU053782.D

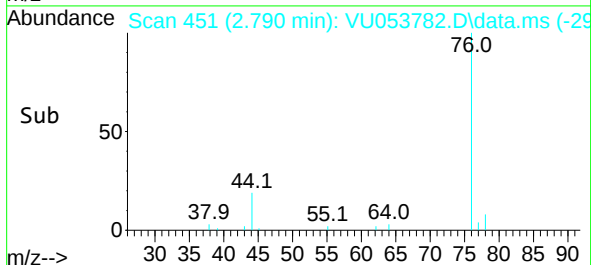
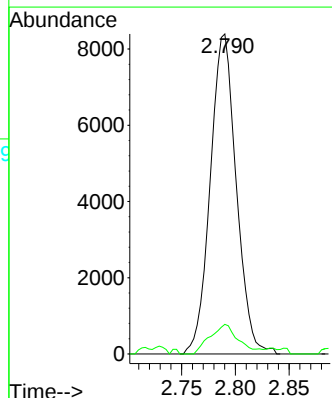
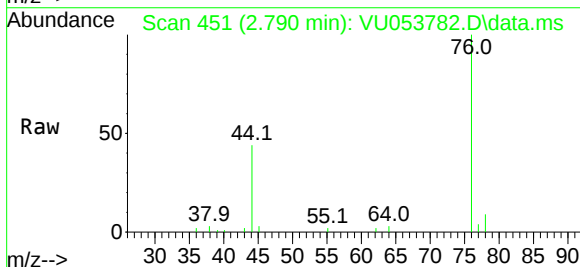
Acq: 19 Apr 2023 14:34

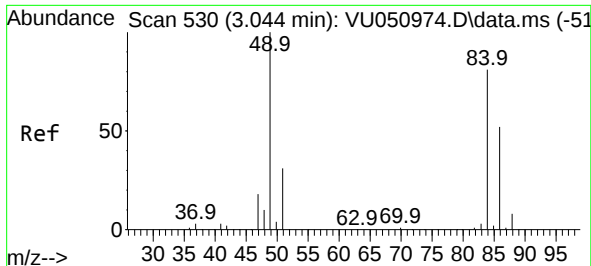
Tgt Ion: 76 Resp: 14138

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0

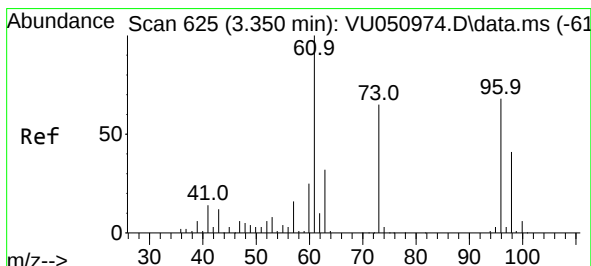
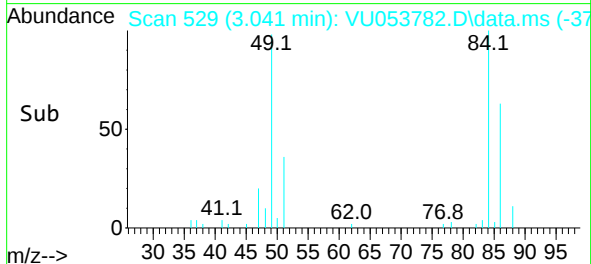
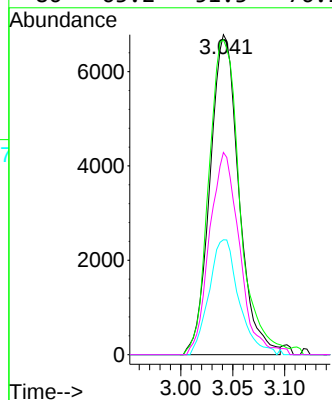
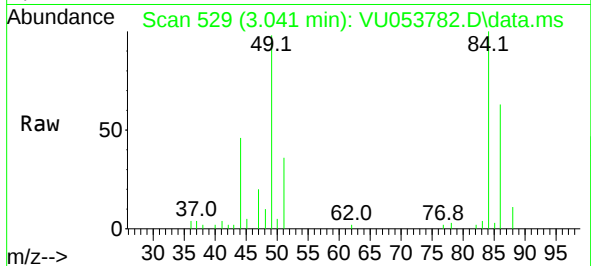




#15
Methylene Chloride
Concen: 0.697 ug/l
RT: 3.041 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU053782.D
Acq: 19 Apr 2023 14:34

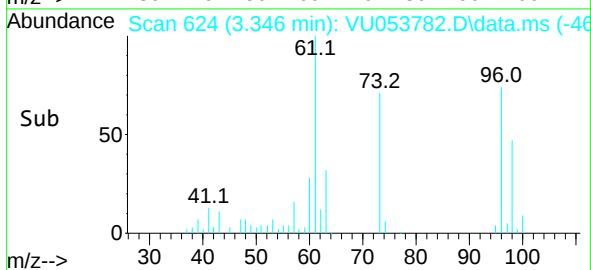
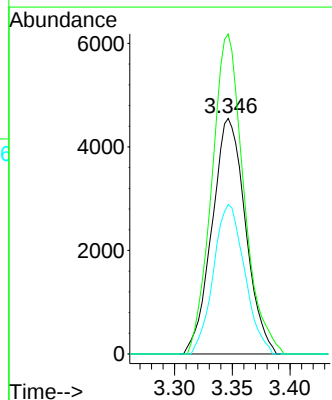
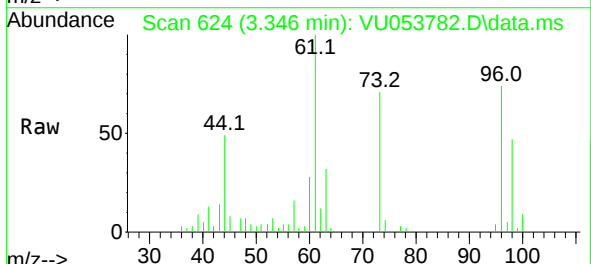
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

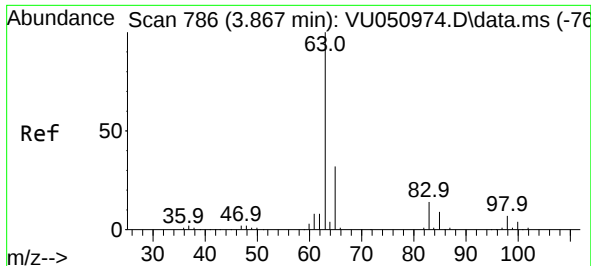
Tgt Ion: 84	Resp: 13099
Ion Ratio	Lower Upper
84	100
49	98.4 98.9 148.3#
51	35.9 0.0 75.4
86	63.2 51.3 76.9



#16
trans-1,2-Dichloroethene
Concen: 1.109 ug/l
RT: 3.346 min Scan# 624
Delta R.T. -0.000 min
Lab File: VU053782.D
Acq: 19 Apr 2023 14:34

Tgt Ion: 96	Resp: 9166
Ion Ratio	Lower Upper
96	100
61	135.8 117.5 176.3
98	63.4 48.3 72.5

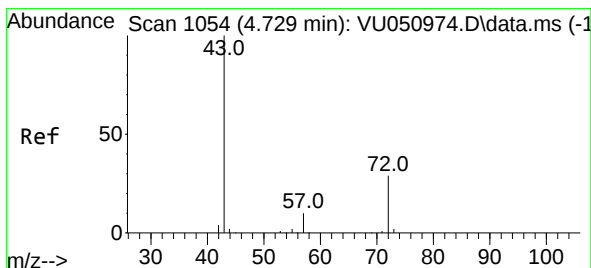
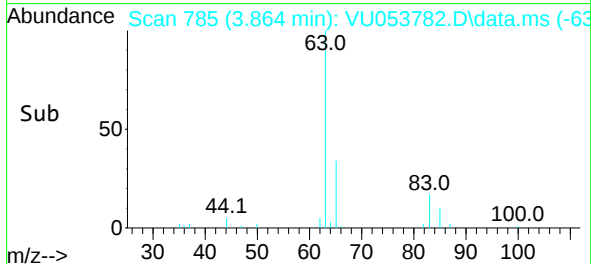
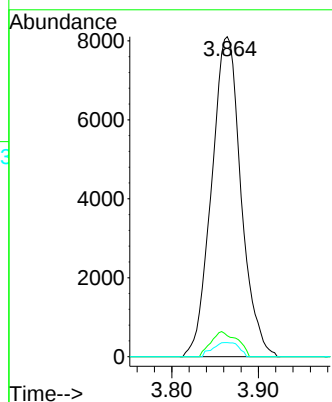
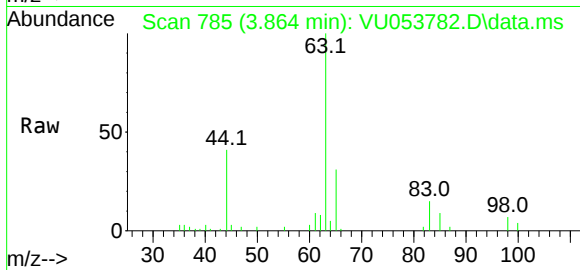




#17
 1,1-Dichloroethane
 Concen: 1.248 ug/l
 RT: 3.864 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VU053782.D
 Acq: 19 Apr 2023 14:34

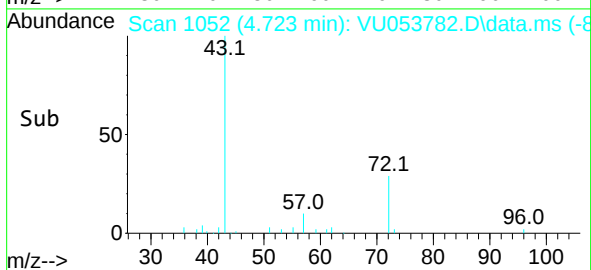
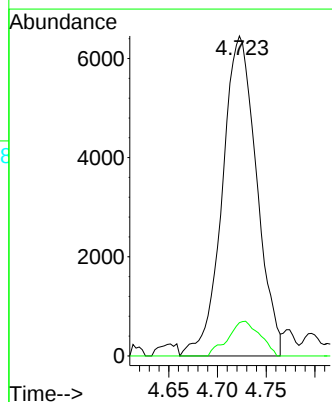
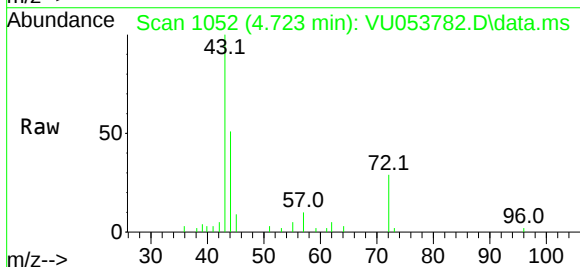
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

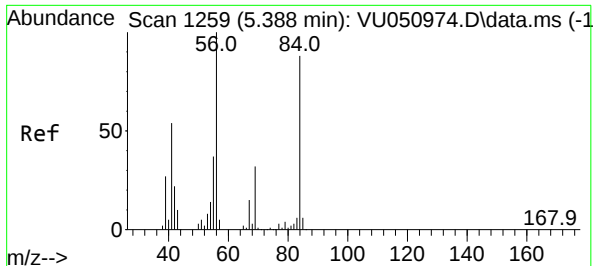
Tgt Ion: 63 Resp: 19170
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.4 10.1
 100 4.4 2.2 6.6



#18
 2-Butanone
 Concen: 4.911 ug/l
 RT: 4.723 min Scan# 1052
 Delta R.T. 0.010 min
 Lab File: VU053782.D
 Acq: 19 Apr 2023 14:34

Tgt Ion: 43 Resp: 15792
 Ion Ratio Lower Upper
 43 100
 57 10.4 0.0 19.6





#19

Cyclohexane

Concen: 1.038 ug/l

RT: 5.372 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU053782.D

Acq: 19 Apr 2023 14:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

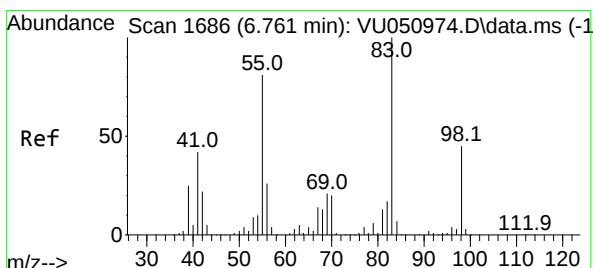
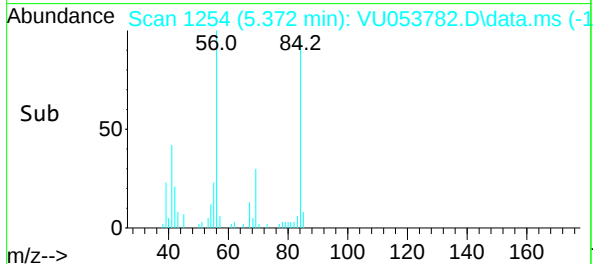
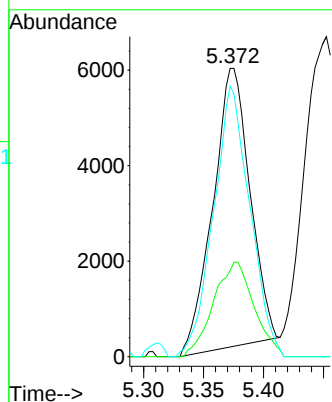
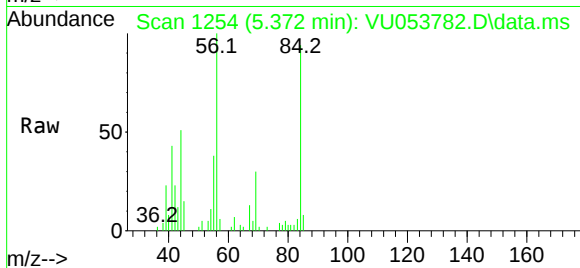
Tgt Ion: 56 Resp: 12530

Ion Ratio Lower Upper

56 100

69 37.1 24.6 37.0#

84 95.6 68.4 102.6



#20

Methylcyclohexane

Concen: 0.742 ug/l

RT: 6.755 min Scan# 1684

Delta R.T. -0.000 min

Lab File: VU053782.D

Acq: 19 Apr 2023 14:34

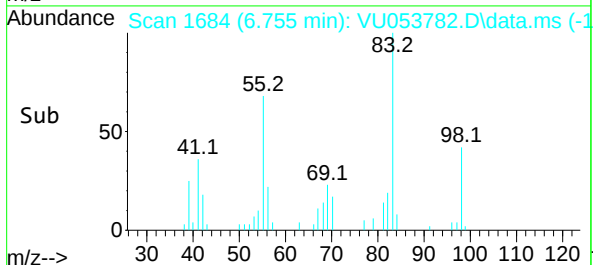
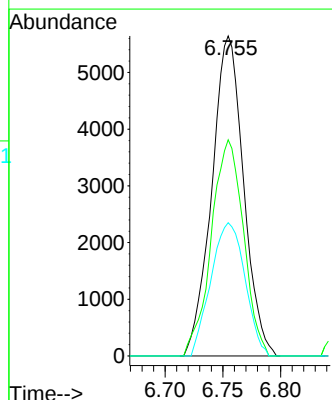
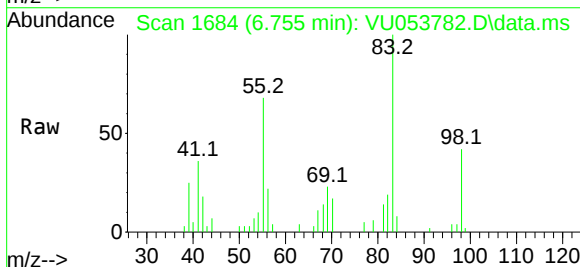
Tgt Ion: 83 Resp: 10823

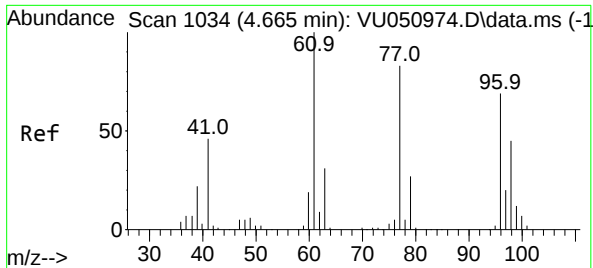
Ion Ratio Lower Upper

83 100

55 68.3 63.5 95.3

98 44.6 36.0 54.0

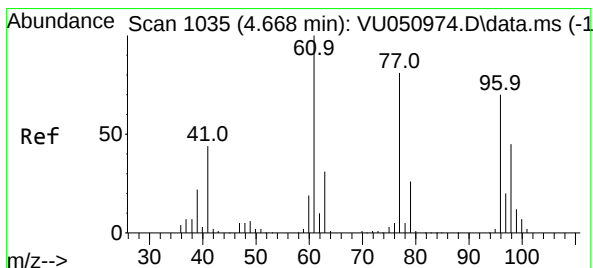
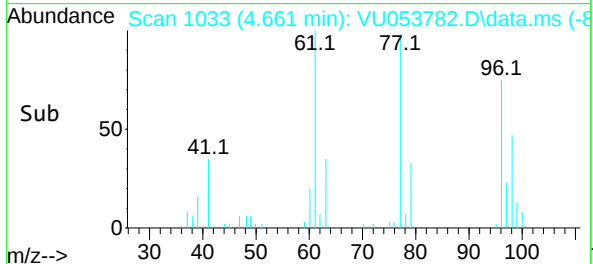
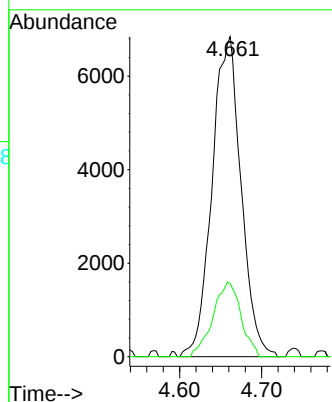
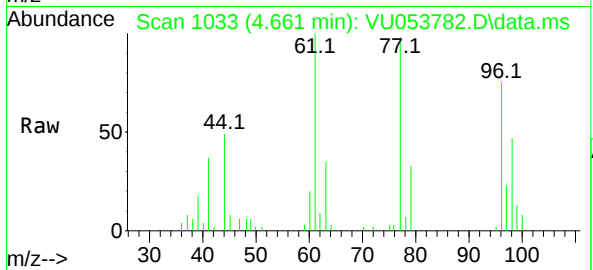




#21
2,2-Dichloropropane
Concen: 1.265 ug/l
RT: 4.661 min Scan# 1033
Delta R.T. 0.003 min
Lab File: VU053782.D
Acq: 19 Apr 2023 14:34

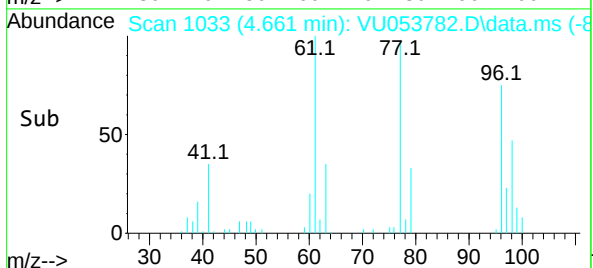
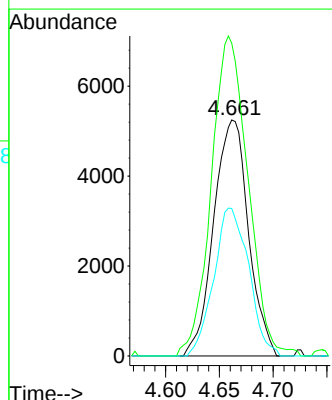
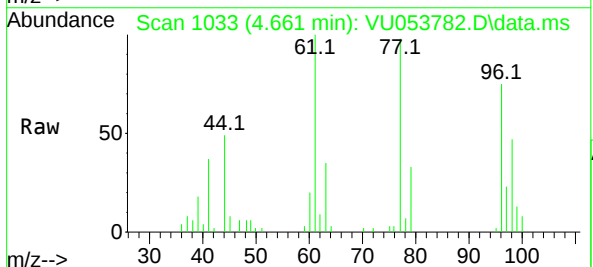
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

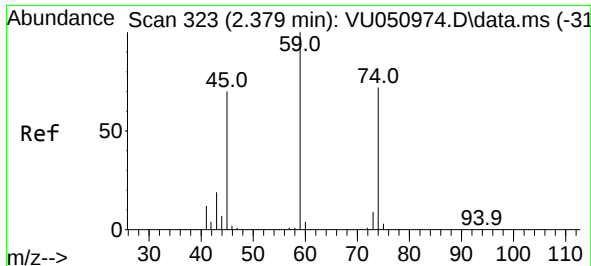
Tgt Ion: 77 Resp: 16827
Ion Ratio Lower Upper
77 100
97 22.5 18.4 27.6



#22
cis-1,2-Dichloroethene
Concen: 1.291 ug/l
RT: 4.661 min Scan# 1033
Delta R.T. 0.003 min
Lab File: VU053782.D
Acq: 19 Apr 2023 14:34

Tgt Ion: 96 Resp: 11790
Ion Ratio Lower Upper
96 100
61 143.2 0.0 365.8
98 63.0 32.0 96.0

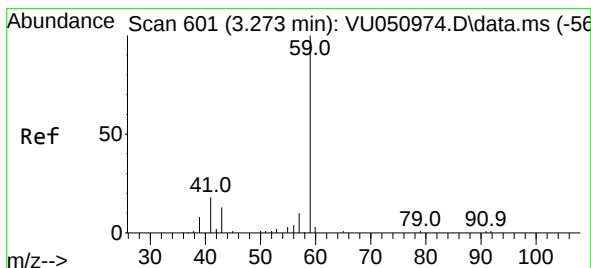
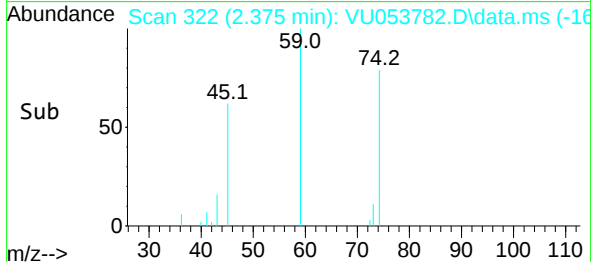
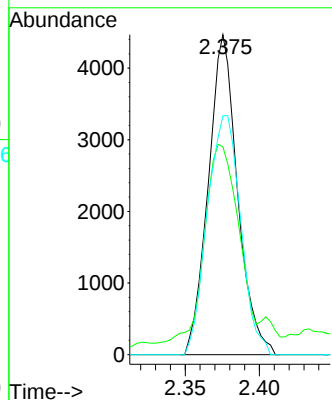
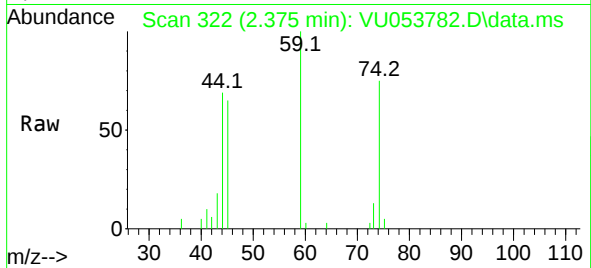




#23
Diethyl Ether
Concen: 0.973 ug/l
RT: 2.375 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU053782.D
Acq: 19 Apr 2023 14:34

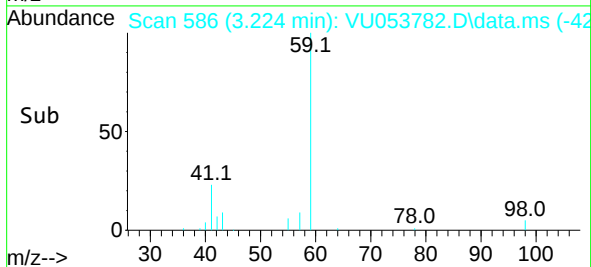
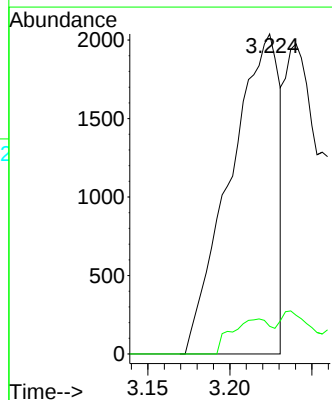
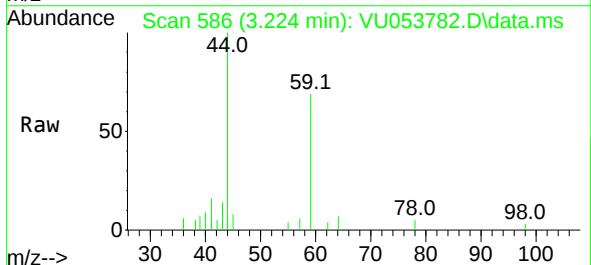
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

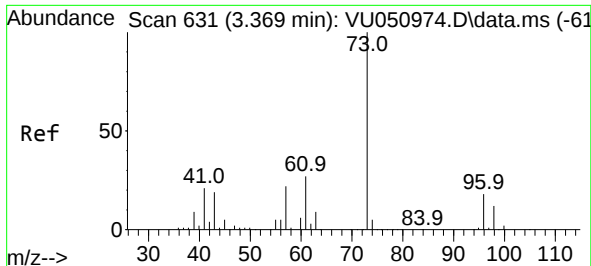
Tgt Ion: 59 Resp: 6104
Ion Ratio Lower Upper
59 100
45 72.4 56.1 84.1
74 85.5 57.4 86.2



#24
tert-Butyl Alcohol
Concen: 6.779 ug/l
RT: 3.224 min Scan# 586
Delta R.T. 0.035 min
Lab File: VU053782.D
Acq: 19 Apr 2023 14:34

Tgt Ion: 59 Resp: 4240
Ion Ratio Lower Upper
59 100
57 9.0 105.6 158.4#

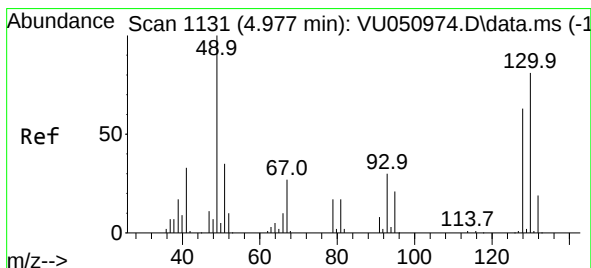
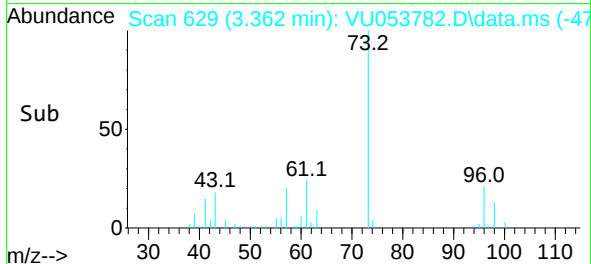
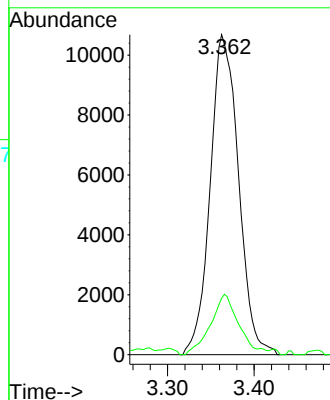
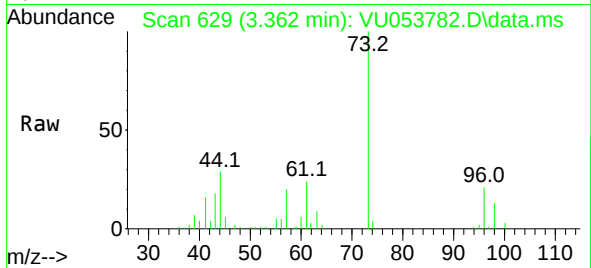




#25
Methyl tert-Butyl Ether
Concen: 1.324 ug/l
RT: 3.362 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU053782.D
Acq: 19 Apr 2023 14:34

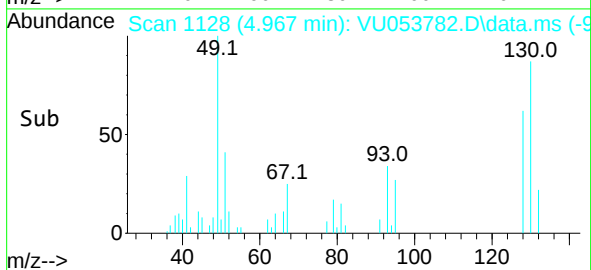
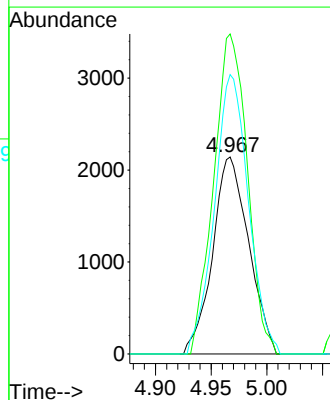
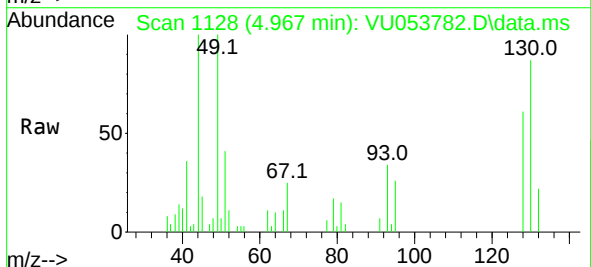
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

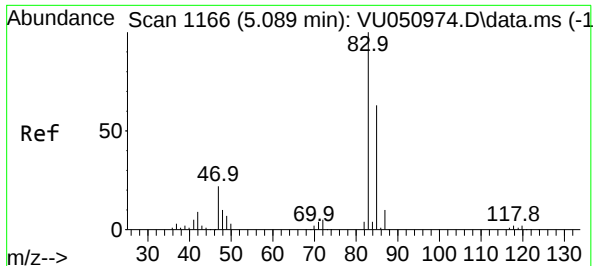
Tgt Ion: 73 Resp: 24265
Ion Ratio Lower Upper
73 100
43 18.9 15.0 22.6



#26
Bromochloromethane
Concen: 1.277 ug/l
RT: 4.967 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VU053782.D
Acq: 19 Apr 2023 14:34

Tgt Ion: 128 Resp: 4823
Ion Ratio Lower Upper
128 100
49 151.8 0.0 324.6
130 133.8 103.0 154.4





#27

Chloroform

Concen: 1.306 ug/l

RT: 5.079 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU053782.D

Acq: 19 Apr 2023 14:34

Instrument :

MSVOA_U

ClientSampleId :

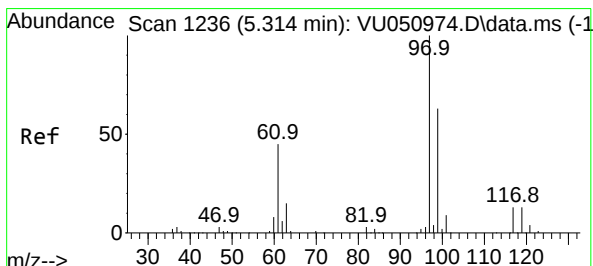
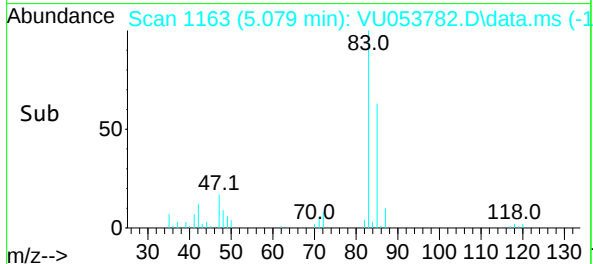
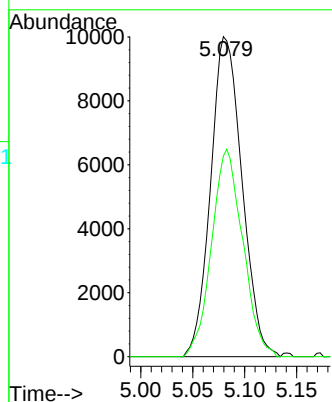
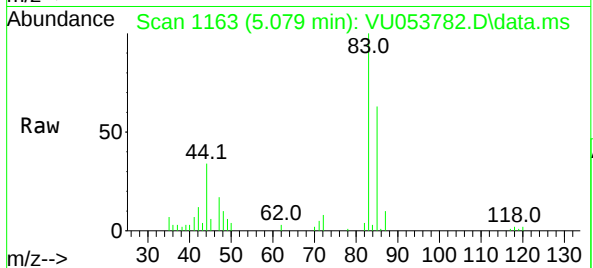
VSTDIC001

Tgt Ion: 83 Resp: 21034

Ion Ratio Lower Upper

83 100

85 62.7 0.0 126.4



#28

1,1,1-Trichloroethane

Concen: 1.216 ug/l

RT: 5.308 min Scan# 1234

Delta R.T. -0.000 min

Lab File: VU053782.D

Acq: 19 Apr 2023 14:34

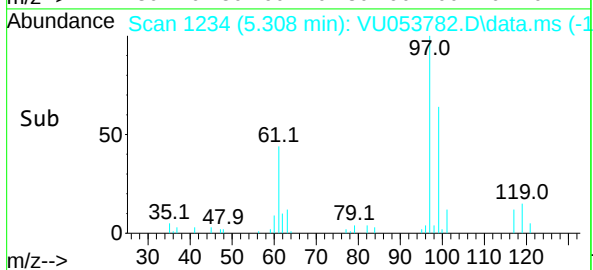
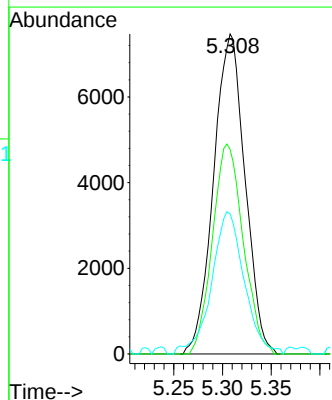
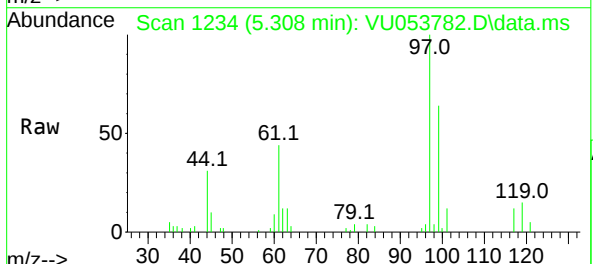
Tgt Ion: 97 Resp: 16760

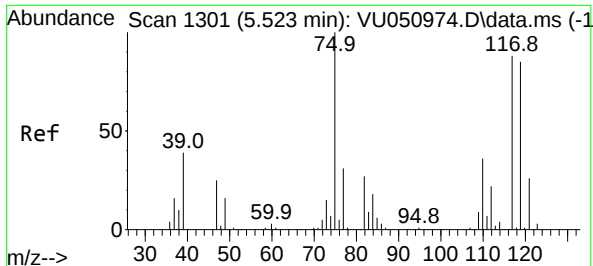
Ion Ratio Lower Upper

97 100

99 64.2 32.0 96.2

61 45.9 22.9 68.5

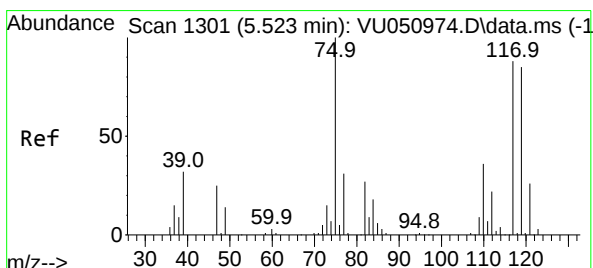
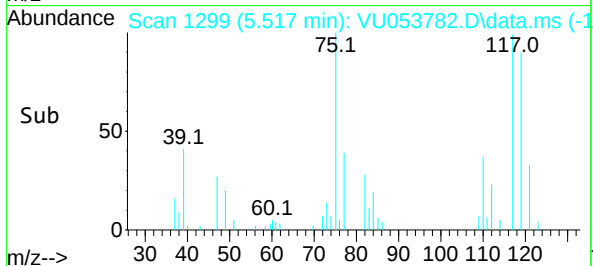
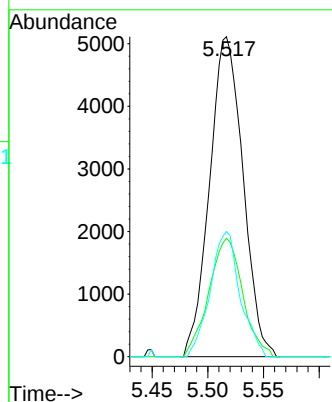
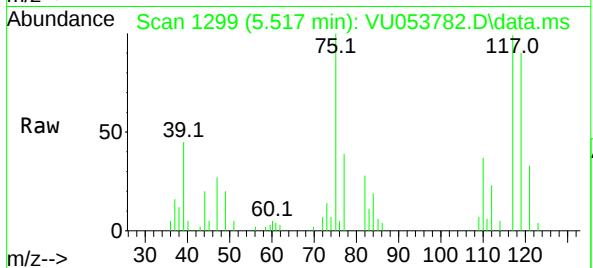




#29
1,1-Dichloropropene
Concen: 0.948 ug/l
RT: 5.517 min Scan# 1299
Delta R.T. -0.000 min
Lab File: VU053782.D
Acq: 19 Apr 2023 14:34

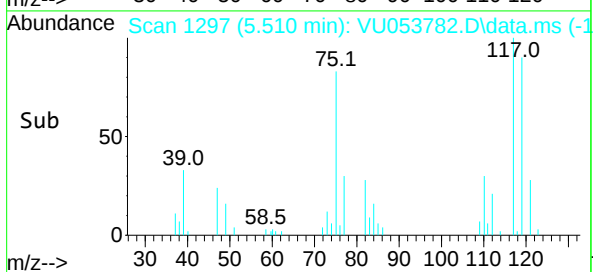
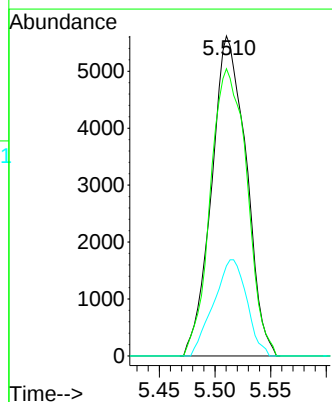
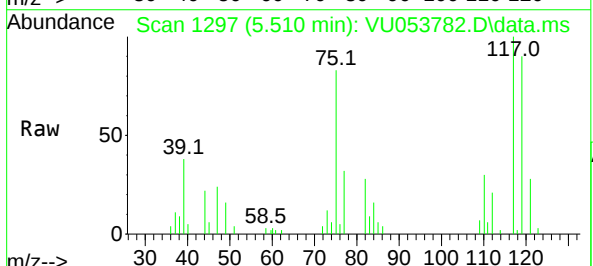
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

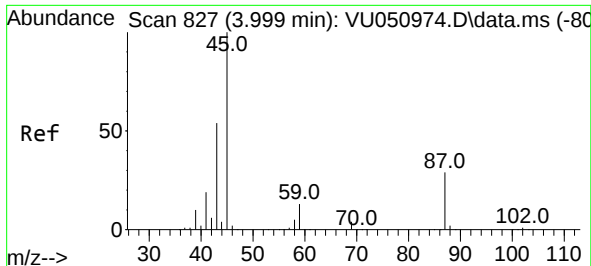
Tgt Ion: 75 Resp: 10658
Ion Ratio Lower Upper
75 100
110 37.4 18.0 54.0
77 35.0 24.7 37.1



#30
Carbon Tetrachloride
Concen: 1.134 ug/l
RT: 5.510 min Scan# 1297
Delta R.T. -0.003 min
Lab File: VU053782.D
Acq: 19 Apr 2023 14:34

Tgt Ion: 117 Resp: 12094
Ion Ratio Lower Upper
117 100
119 89.8 77.4 116.0
121 28.2 24.0 36.0

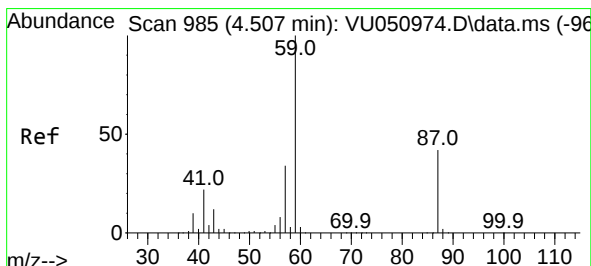
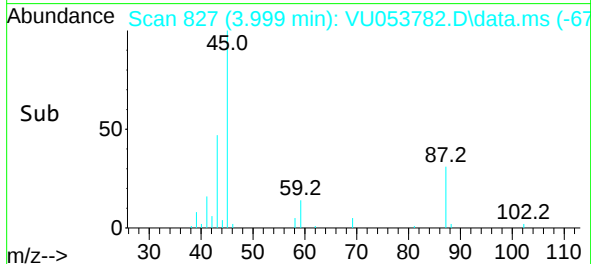
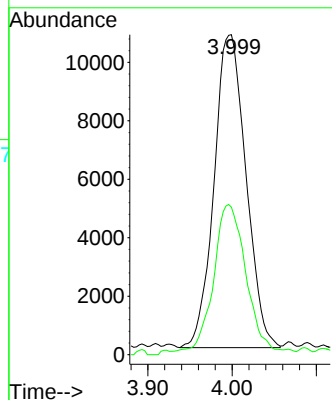
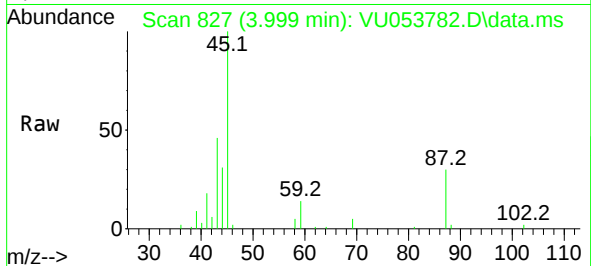




#31
Isopropyl Ether
Concen: 1.321 ug/l
RT: 3.999 min Scan# 81
Delta R.T. 0.003 min
Lab File: VU053782.D
Acq: 19 Apr 2023 14:34

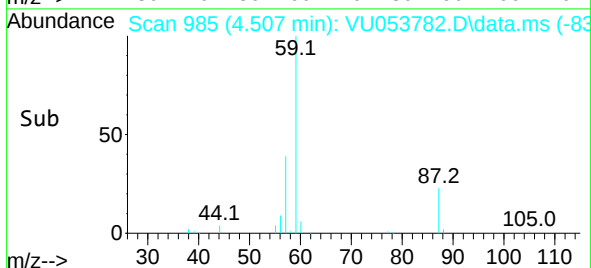
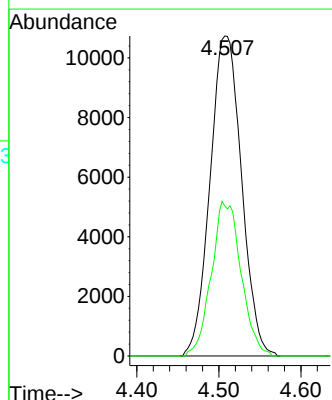
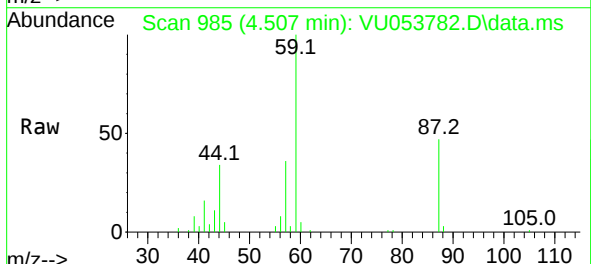
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

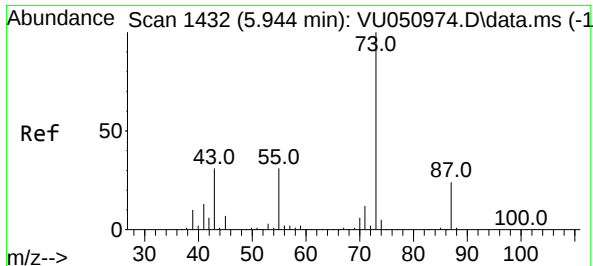
Tgt Ion: 45 Resp: 28147
Ion Ratio Lower Upper
45 100
43 46.3 27.5 82.5



#32
Ethyl-t-butyl ether
Concen: 1.310 ug/l
RT: 4.507 min Scan# 985
Delta R.T. -0.000 min
Lab File: VU053782.D
Acq: 19 Apr 2023 14:34

Tgt Ion: 59 Resp: 28663
Ion Ratio Lower Upper
59 100
87 45.5 33.5 50.3





#33

Tert-Amyl methyl ether

Concen: 1.032 ug/l

RT: 5.948 min Scan# 1432

Delta R.T. 0.003 min

Lab File: VU053782.D

Acq: 19 Apr 2023 14:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

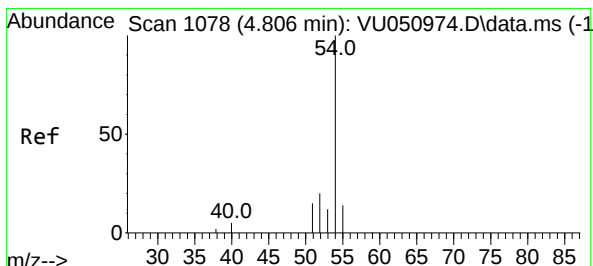
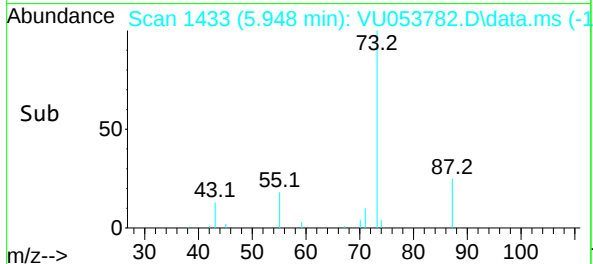
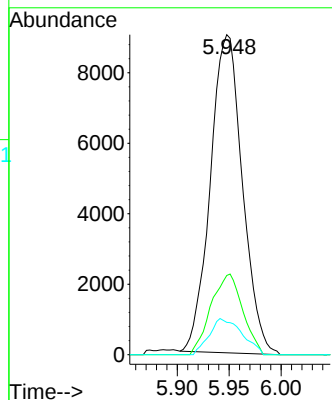
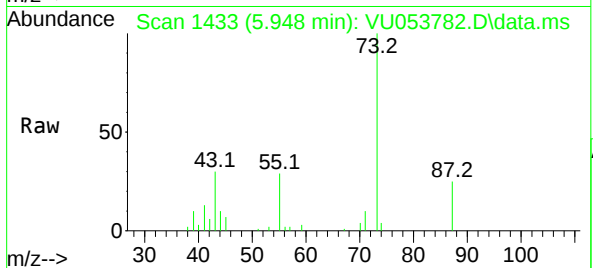
Tgt Ion: 73 Resp: 19382

Ion Ratio Lower Upper

73 100

87 25.1 18.6 28.0

71 11.6 9.9 14.9



#34

Propionitrile

Concen: 8.148 ug/l

RT: 4.793 min Scan# 1074

Delta R.T. 0.016 min

Lab File: VU053782.D

Acq: 19 Apr 2023 14:34

Tgt Ion: 54 Resp: 4399

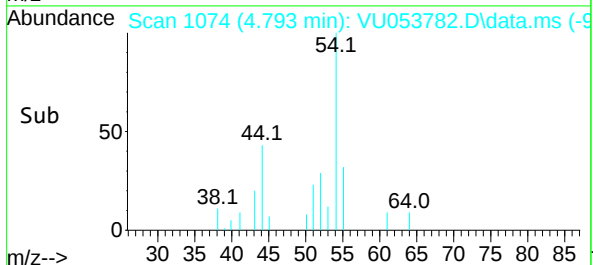
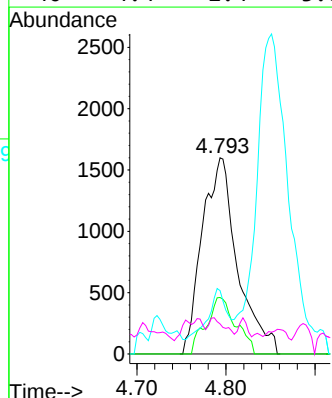
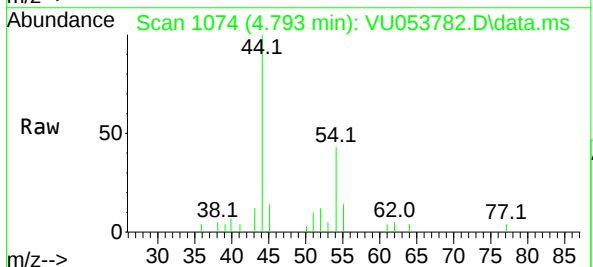
Ion Ratio Lower Upper

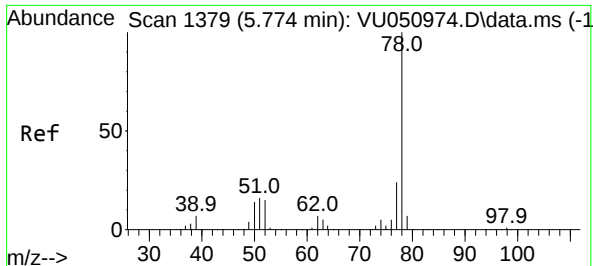
54 100

52 24.2 17.4 26.0

55 15.3 104.1 156.1#

40 4.4 2.4 3.6#





#35

Benzene

Concen: 1.003 ug/l

RT: 5.768 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU053782.D

Acq: 19 Apr 2023 14:34

Instrument :

MSVOA_U

ClientSampleId :

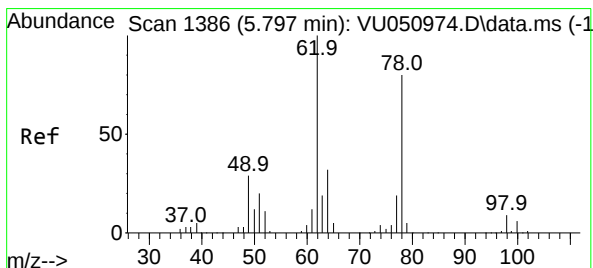
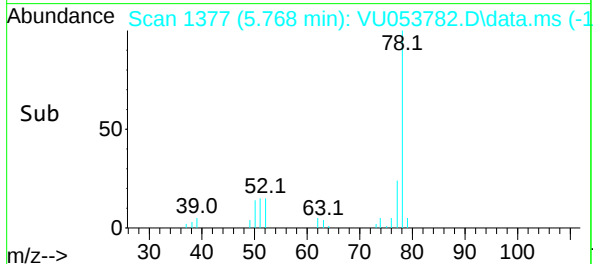
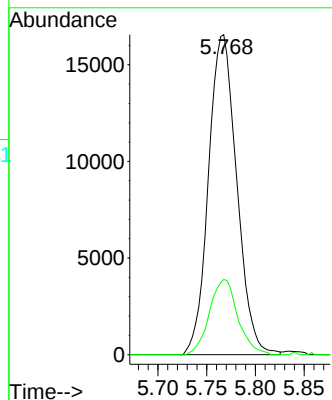
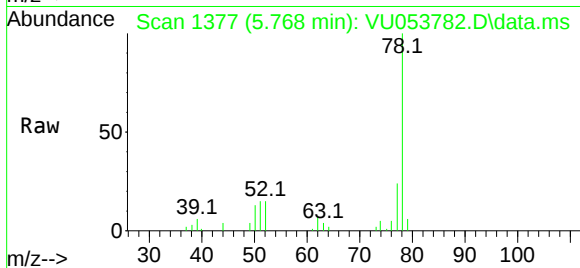
VSTDICC001

Tgt Ion: 78 Resp: 33422

Ion Ratio Lower Upper

78 100

77 23.5 18.9 28.3



#36

1,2-Dichloroethane

Concen: 1.085 ug/l

RT: 5.793 min Scan# 1385

Delta R.T. 0.003 min

Lab File: VU053782.D

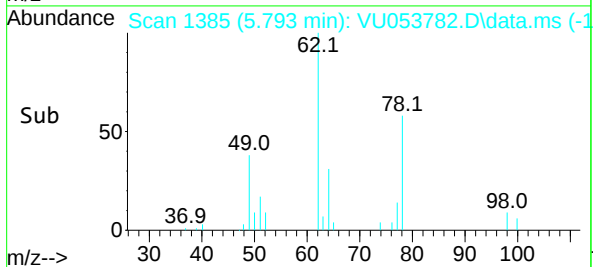
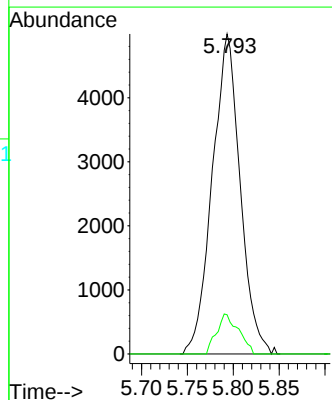
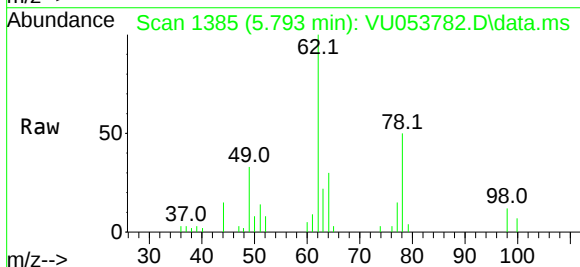
Acq: 19 Apr 2023 14:34

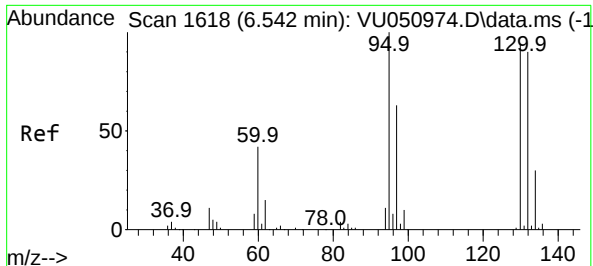
Tgt Ion: 62 Resp: 10563

Ion Ratio Lower Upper

62 100

98 9.8 7.3 10.9





#37

Trichloroethene

Concen: 1.034 ug/l

RT: 6.536 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU053782.D

Acq: 19 Apr 2023 14:34

Instrument :

MSVOA_U

ClientSampleId :

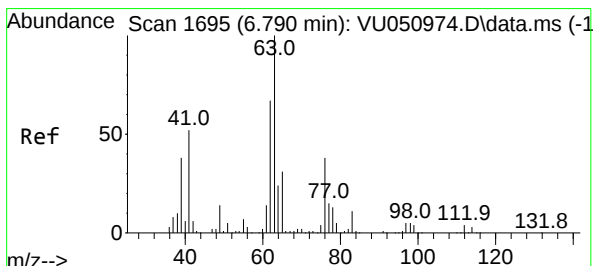
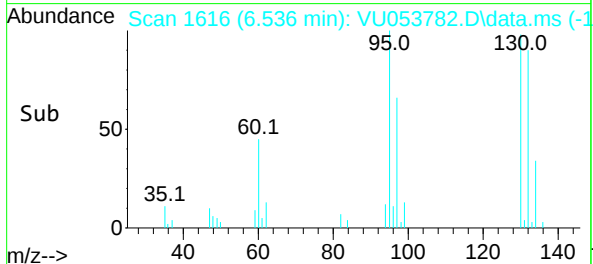
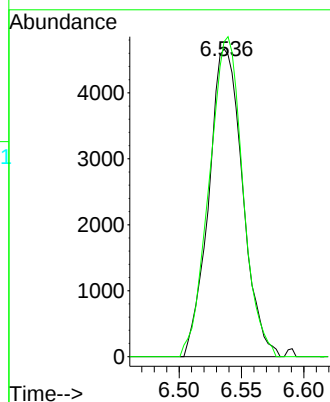
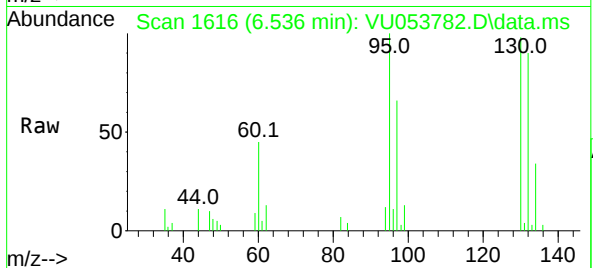
VSTDIC001

Tgt Ion:130 Resp: 8831

Ion Ratio Lower Upper

130 100

95 102.3 85.0 127.6



#38

1,2-Dichloropropane

Concen: 1.080 ug/l

RT: 6.787 min Scan# 1694

Delta R.T. -0.003 min

Lab File: VU053782.D

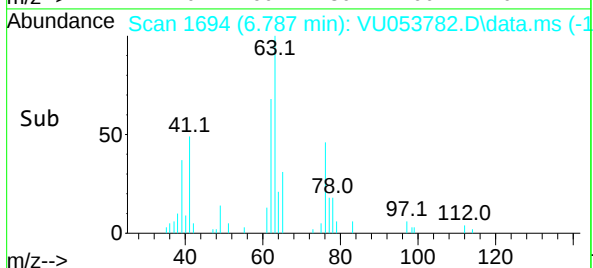
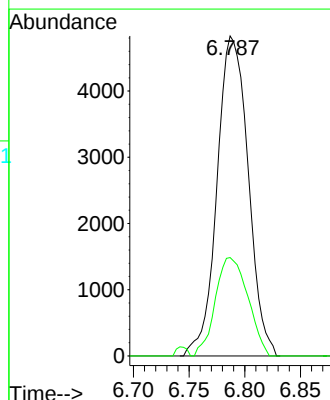
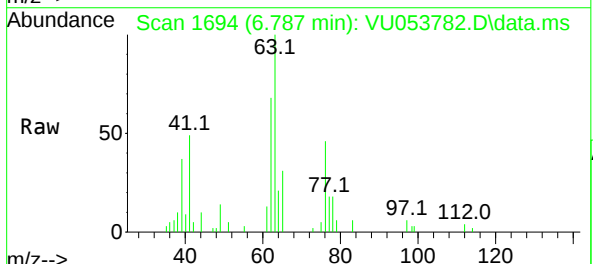
Acq: 19 Apr 2023 14:34

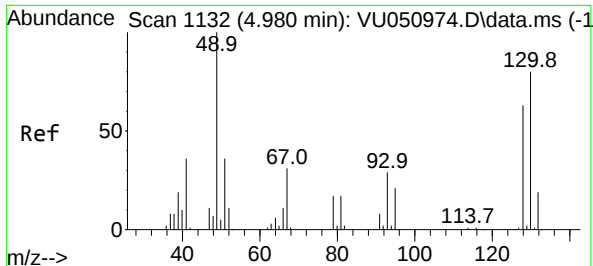
Tgt Ion: 63 Resp: 9394

Ion Ratio Lower Upper

63 100

65 30.7 24.9 37.3





#39

Methacrylonitrile

Concen: 1.736 ug/l

RT: 4.973 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VU053782.D

Acq: 19 Apr 2023 14:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion: 41 Resp: 3887

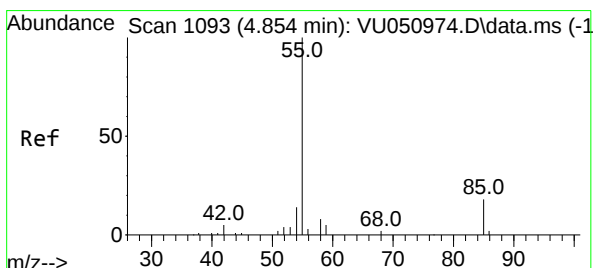
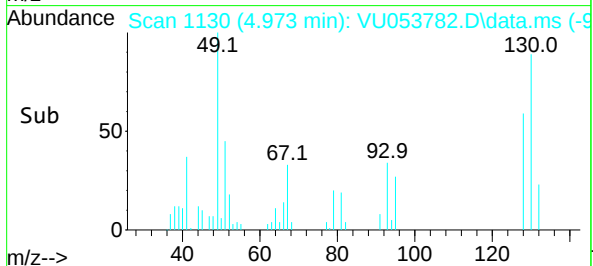
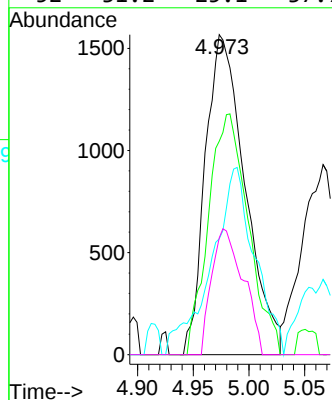
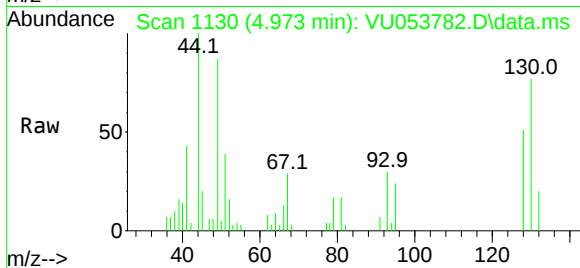
Ion Ratio Lower Upper

41 100

67 75.5 66.8 100.2

39 63.5 41.2 61.8#

52 31.2 25.1 37.7



#40

Methyl acrylate

Concen: 1.391 ug/l

RT: 4.851 min Scan# 1092

Delta R.T. 0.006 min

Lab File: VU053782.D

Acq: 19 Apr 2023 14:34

Tgt Ion: 55 Resp: 5686

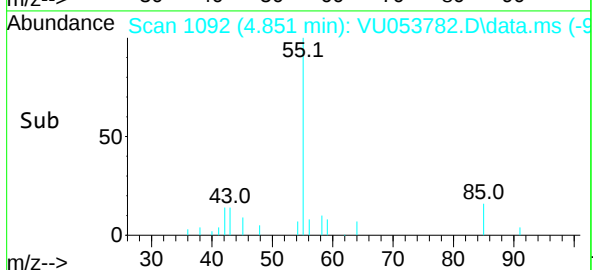
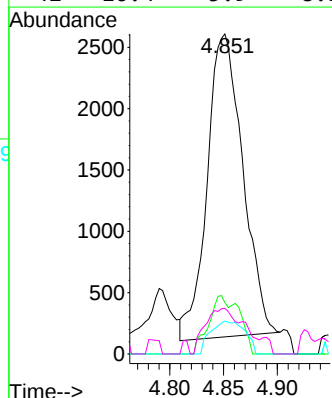
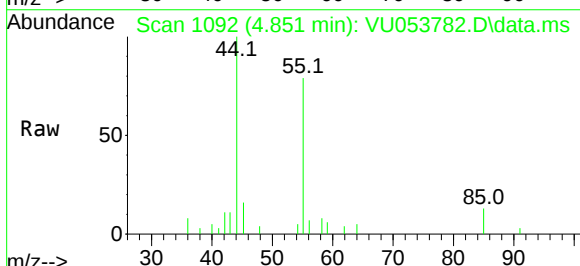
Ion Ratio Lower Upper

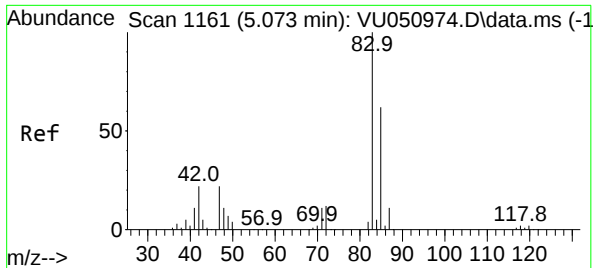
55 100

85 10.4 13.3 19.9#

58 10.4 6.5 9.7#

42 16.4 5.9 8.9#

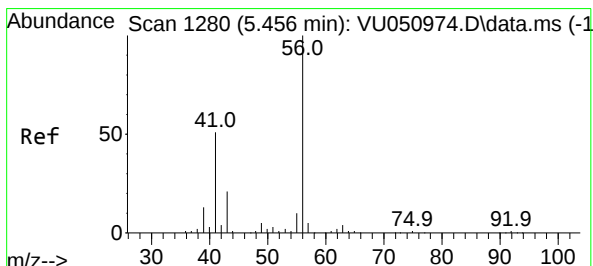
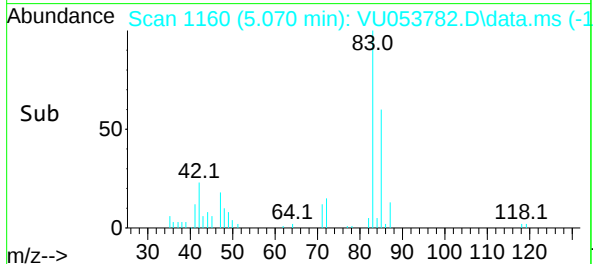
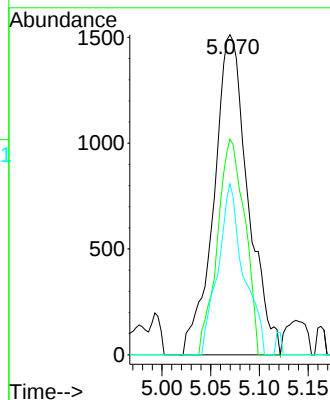
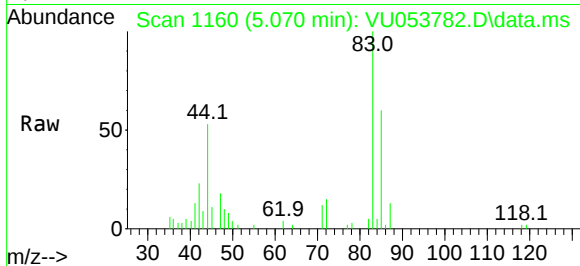




#41
Tetrahydrofuran
Concen: 3.215 ug/l
RT: 5.070 min Scan# 1161
Delta R.T. 0.006 min
Lab File: VU053782.D
Acq: 19 Apr 2023 14:34

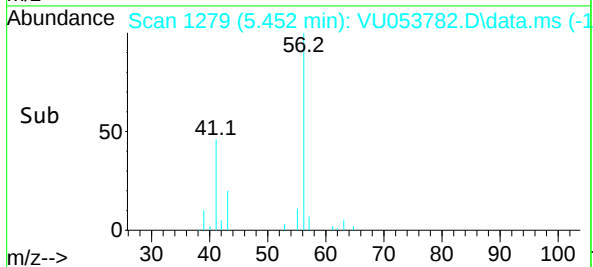
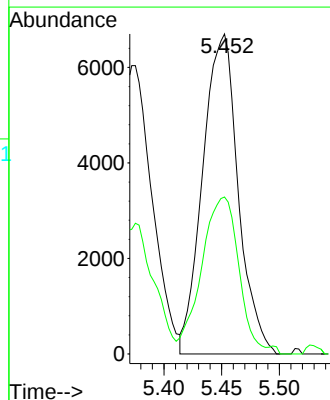
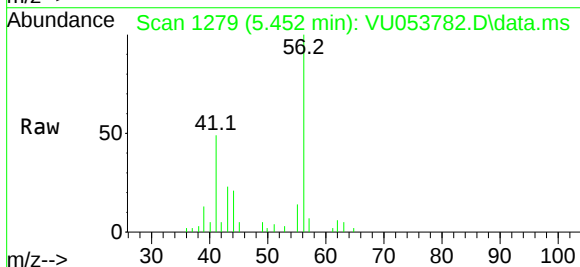
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

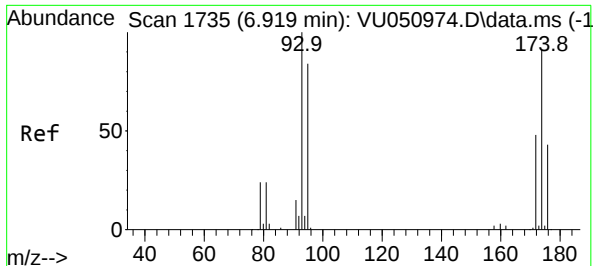
Tgt Ion:	42	Resp:	3677
Ion	Ratio	Lower	Upper
42	100		
72	54.1	40.9	61.3
71	40.0	36.9	55.3



#42
1-Chlorobutane
Concen: 0.950 ug/l
RT: 5.452 min Scan# 1279
Delta R.T. 0.003 min
Lab File: VU053782.D
Acq: 19 Apr 2023 14:34

Tgt Ion:	56	Resp:	14313
Ion	Ratio	Lower	Upper
56	100		
41	47.9	25.2	75.6

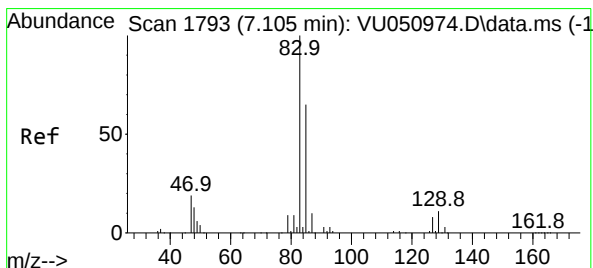
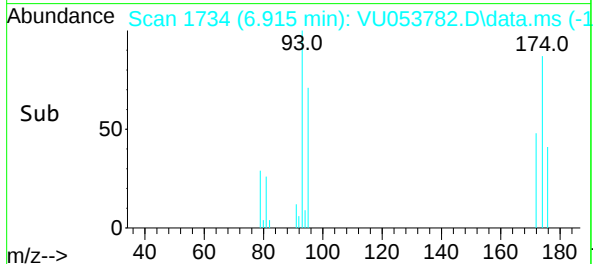
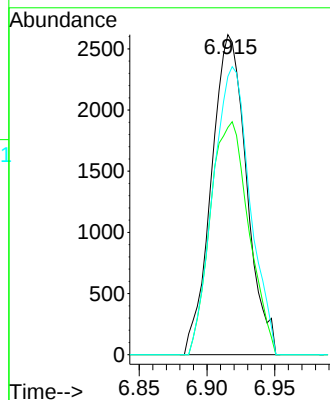
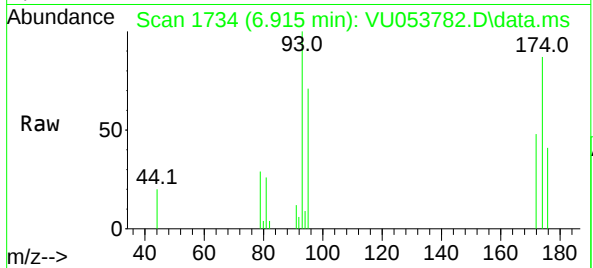




#43
Dibromomethane
Concen: 1.134 ug/l
RT: 6.915 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VU053782.D
Acq: 19 Apr 2023 14:34

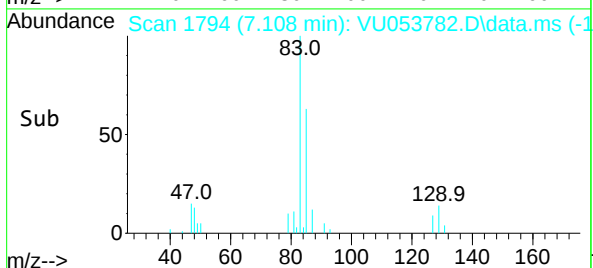
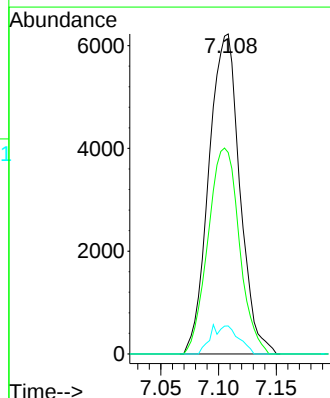
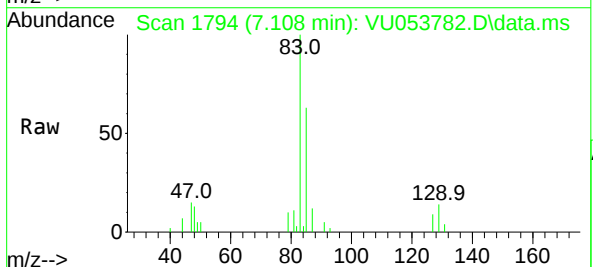
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

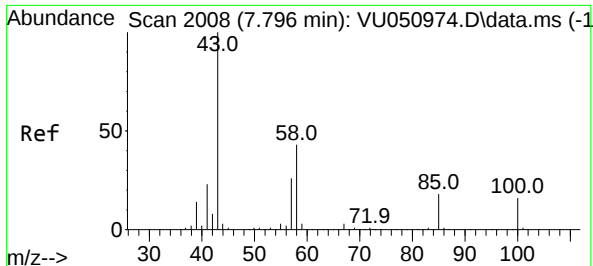
Tgt Ion: 93	Resp: 4728		
Ion Ratio	Lower	Upper	
93	100		
95	79.5	67.0	100.6
174	94.6	73.8	110.6



#44
Bromodichloromethane
Concen: 1.109 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VU053782.D
Acq: 19 Apr 2023 14:34

Tgt Ion: 83	Resp: 11583
Ion Ratio	Lower Upper
83 100	
85 63.0	51.9 77.9
127 8.8	6.7 10.1





#45

4-Methyl-2-Pentanone

Concen: 5.376 ug/l

RT: 7.796 min Scan# 2008

Delta R.T. -0.000 min

Lab File: VU053782.D

Acq: 19 Apr 2023 14:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

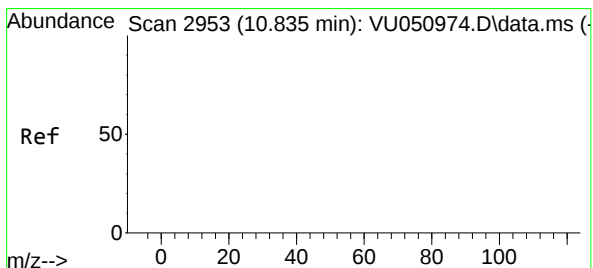
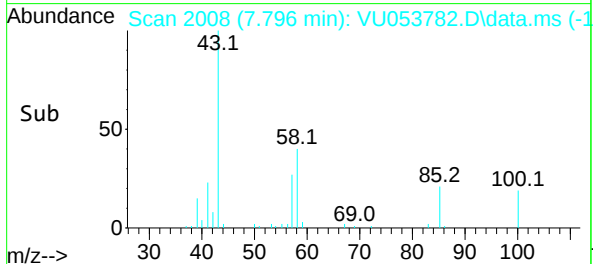
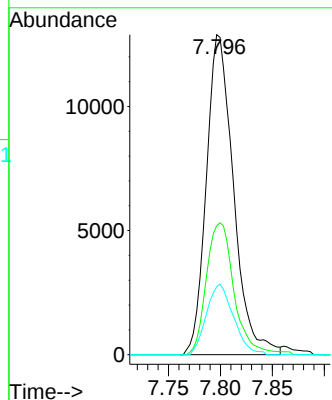
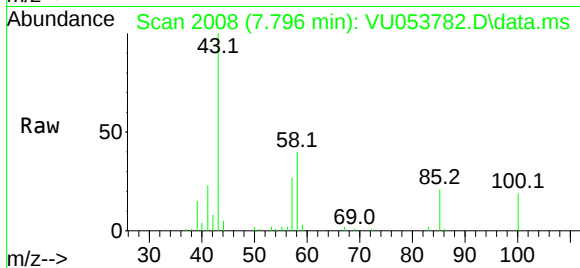
Tgt Ion: 43 Resp: 23422

Ion Ratio Lower Upper

43 100

58 42.1 20.9 62.8

85 21.9 14.6 21.8#



#46

t-1,4-Dichloro-2-butene

Concen: 4.529 ug/l

RT: 10.822 min Scan# 2949

Delta R.T. -0.010 min

Lab File: VU053782.D

Acq: 19 Apr 2023 14:34

Tgt Ion: 75 Resp: 10667

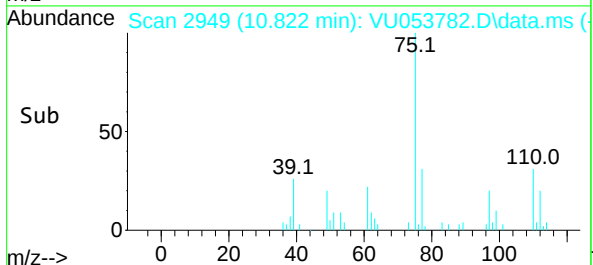
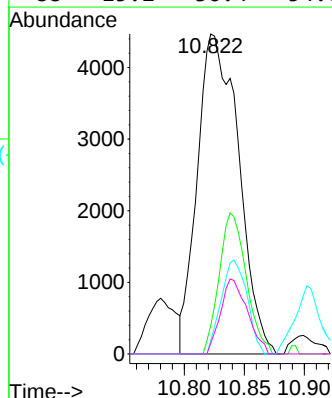
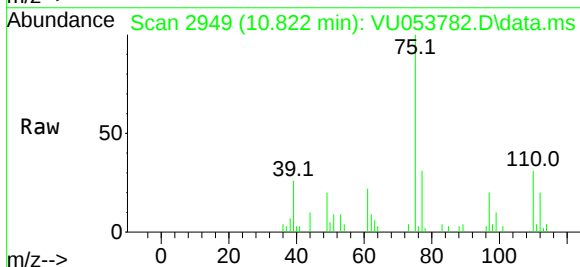
Ion Ratio Lower Upper

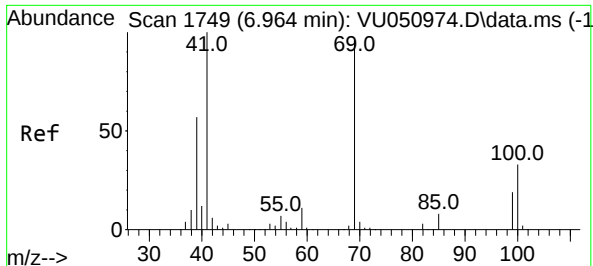
75 100

53 29.0 73.3 109.9#

89 18.5 48.2 72.4#

88 15.2 36.4 54.6#





#47

Methyl methacrylate

Concen: 2.097 ug/l

RT: 6.970 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU053782.D

Acq: 19 Apr 2023 14:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

Tgt Ion: 69 Resp: 8049

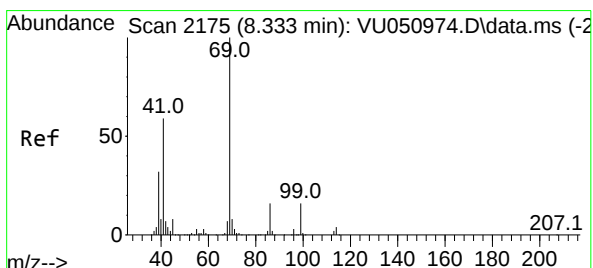
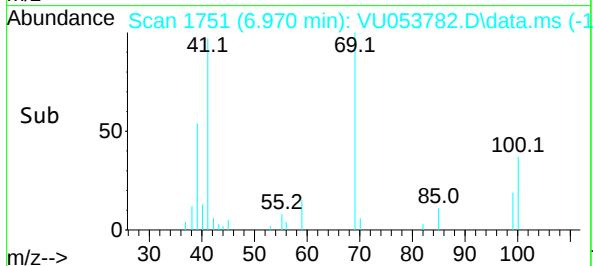
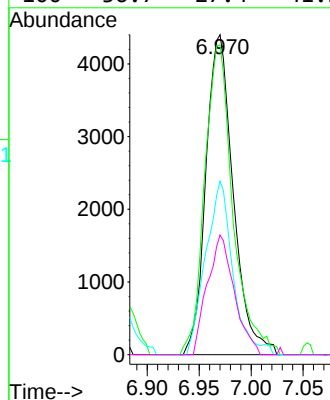
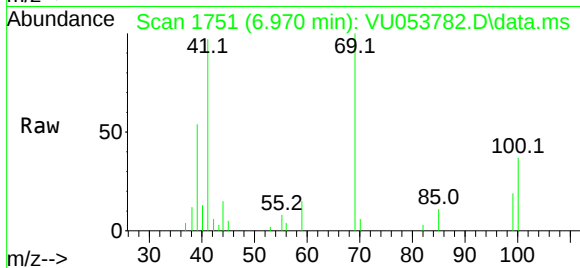
Ion Ratio Lower Upper

69 100

41 100.0 0.0 209.2

39 54.0 46.7 70.1

100 36.7 27.4 41.2



#48

Ethyl methacrylate

Concen: 1.096 ug/l

RT: 8.337 min Scan# 2176

Delta R.T. 0.003 min

Lab File: VU053782.D

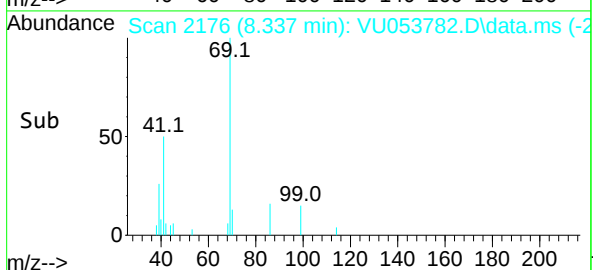
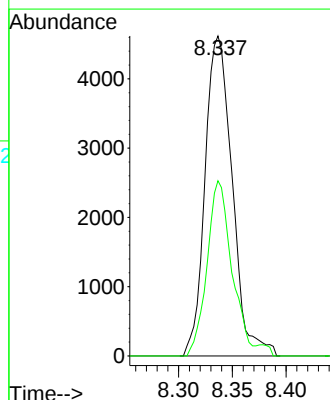
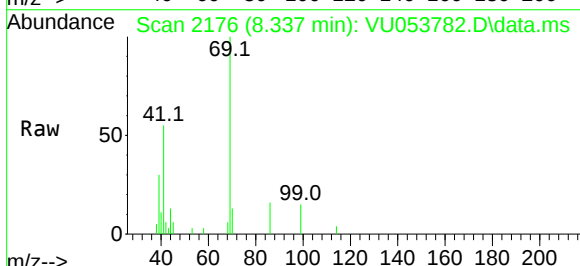
Acq: 19 Apr 2023 14:34

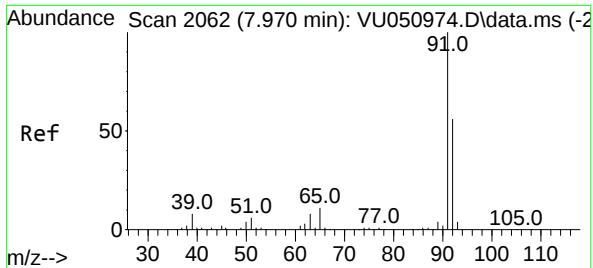
Tgt Ion: 69 Resp: 8133

Ion Ratio Lower Upper

69 100

41 50.0 30.3 90.8





#49

Toluene

Concen: 0.968 ug/l

RT: 7.964 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU053782.D

Acq: 19 Apr 2023 14:34

Instrument :

MSVOA_U

ClientSampleId :

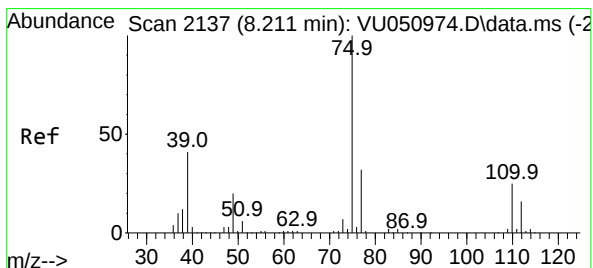
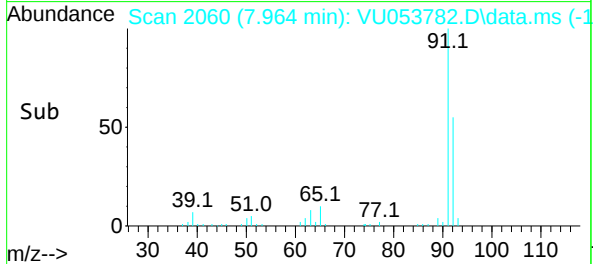
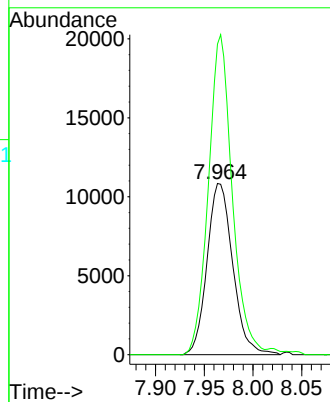
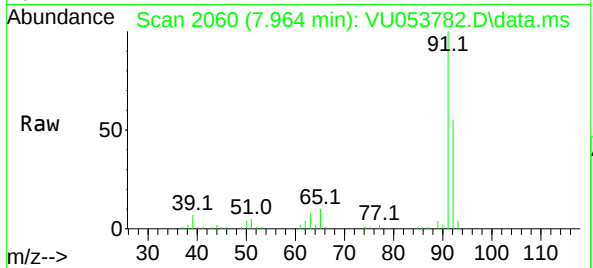
VSTDIC001

Tgt Ion: 92 Resp: 19891

Ion Ratio Lower Upper

92 100

91 173.0 143.0 214.6



#50

t-1,3-Dichloropropene

Concen: 1.026 ug/l

RT: 8.211 min Scan# 2137

Delta R.T. 0.003 min

Lab File: VU053782.D

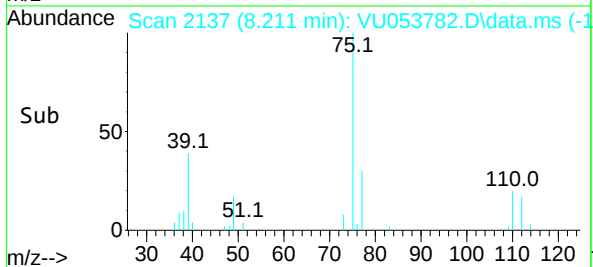
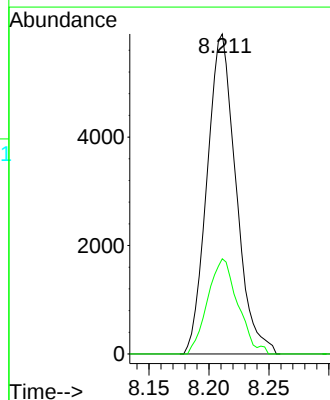
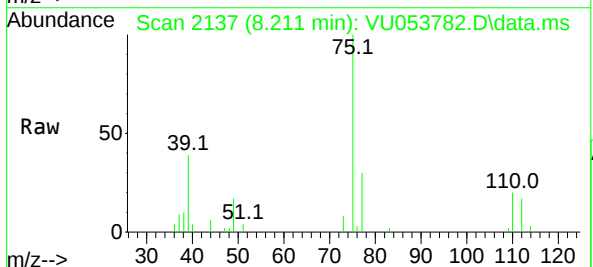
Acq: 19 Apr 2023 14:34

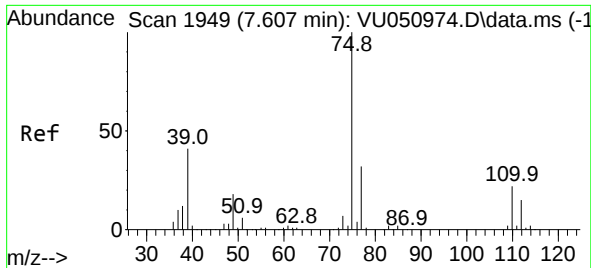
Tgt Ion: 75 Resp: 9893

Ion Ratio Lower Upper

75 100

77 29.8 25.3 37.9

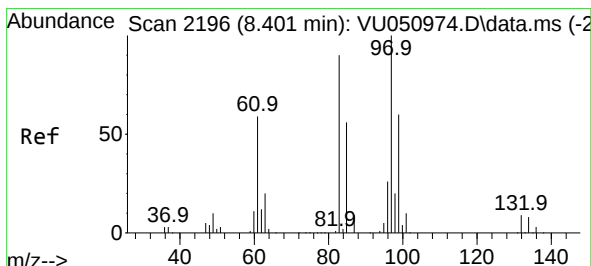
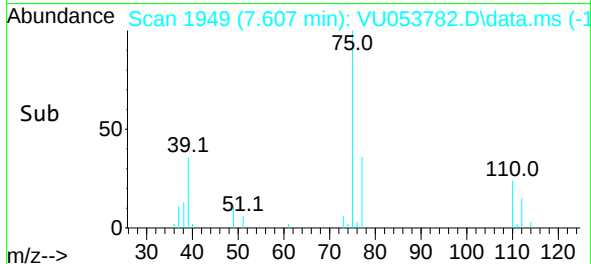
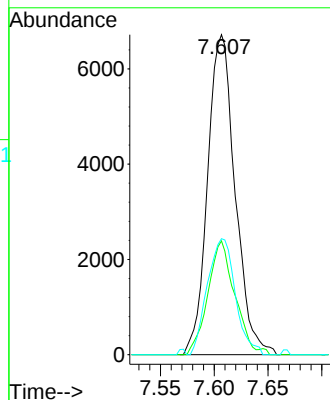
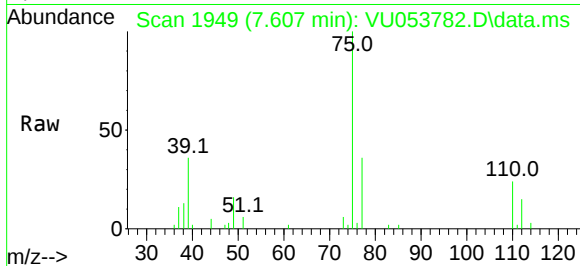




#51
 cis-1,3-Dichloropropene
 Concen: 1.010 ug/l
 RT: 7.607 min Scan# 1949
 Delta R.T. 0.003 min
 Lab File: VU053782.D
 Acq: 19 Apr 2023 14:34

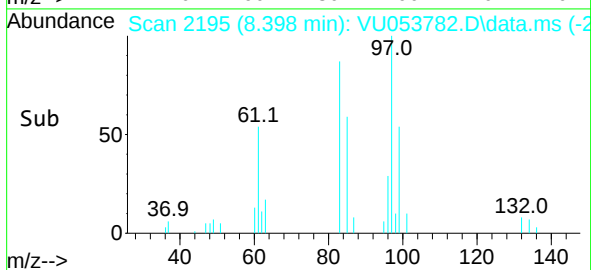
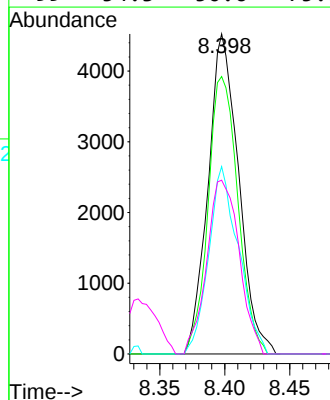
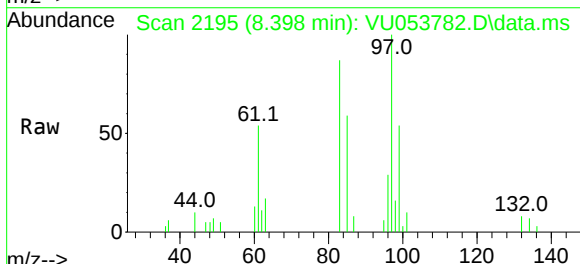
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

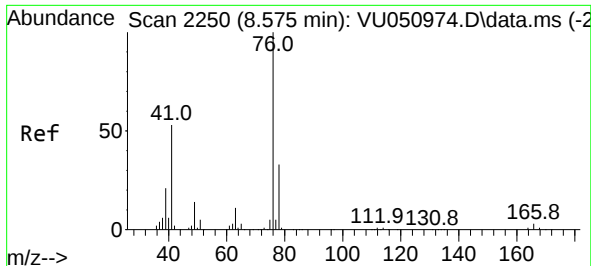
Tgt Ion:	75	Resp:	11974
Ion	Ratio	Lower	Upper
75	100		
77	35.6	25.7	38.5
39	36.2	32.8	49.2



#52
 1,1,2-Trichloroethane
 Concen: 1.198 ug/l
 RT: 8.398 min Scan# 2195
 Delta R.T. -0.000 min
 Lab File: VU053782.D
 Acq: 19 Apr 2023 14:34

Tgt Ion:	97	Resp:	7399
Ion	Ratio	Lower	Upper
97	100		
83	86.7	71.8	107.8
85	58.5	45.2	67.8
99	54.3	50.6	75.8





#53

1,3-Dichloropropane

Concen: 1.122 ug/l

RT: 8.574 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU053782.D

Acq: 19 Apr 2023 14:34

Instrument :

MSVOA_U

ClientSampleId :

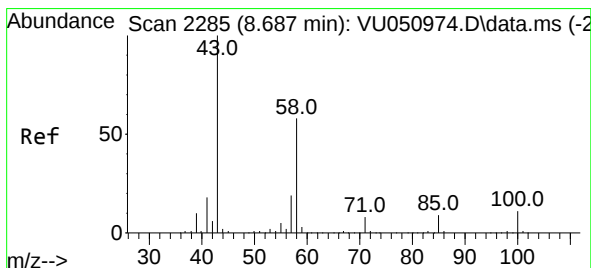
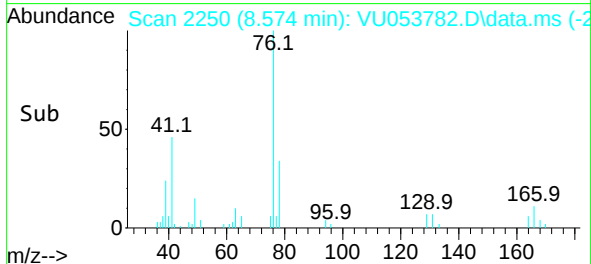
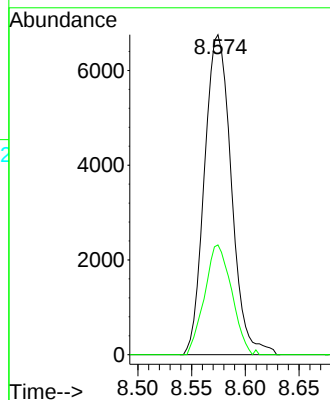
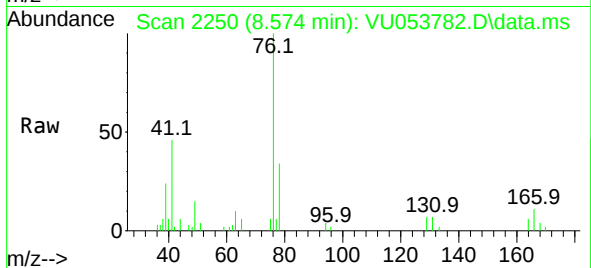
VSTDIC001

Tgt Ion: 76 Resp: 11731

Ion Ratio Lower Upper

76 100

78 34.6 25.9 38.9



#54

2-Hexanone

Concen: 3.882 ug/l

RT: 8.690 min Scan# 2286

Delta R.T. 0.003 min

Lab File: VU053782.D

Acq: 19 Apr 2023 14:34

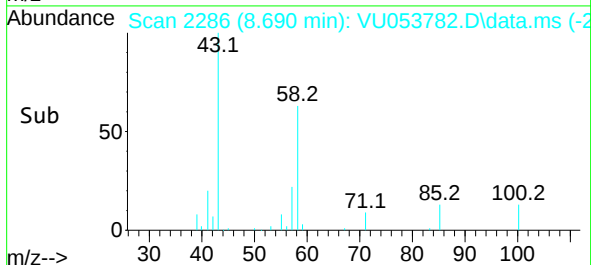
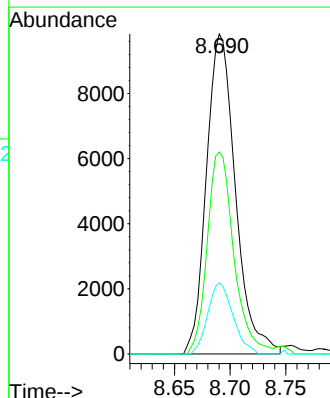
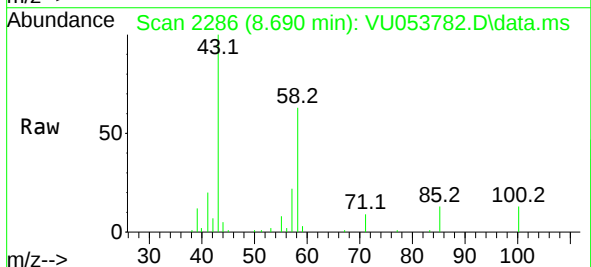
Tgt Ion: 43 Resp: 17814

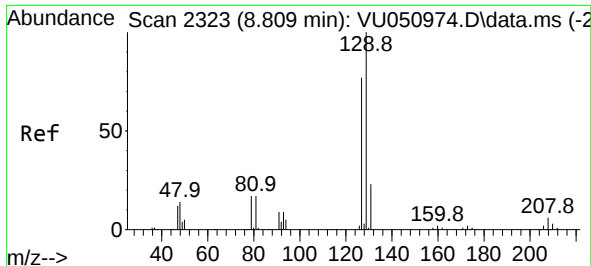
Ion Ratio Lower Upper

43 100

58 57.9 38.2 78.2

57 19.3 0.0 39.1





#55

Dibromochloromethane

Concen: 1.149 ug/l

RT: 8.806 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU053782.D

Acq: 19 Apr 2023 14:34

Instrument :

MSVOA_U

ClientSampleId :

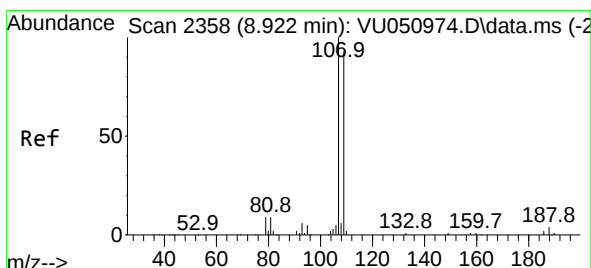
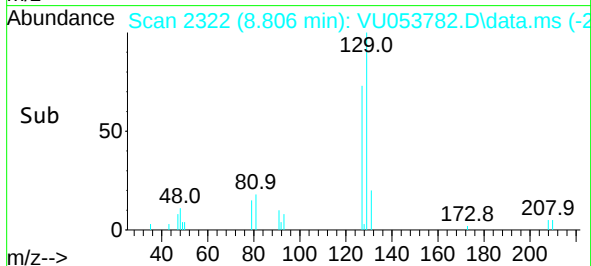
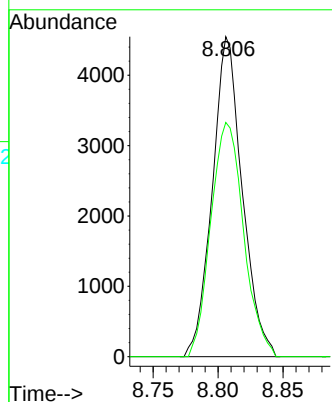
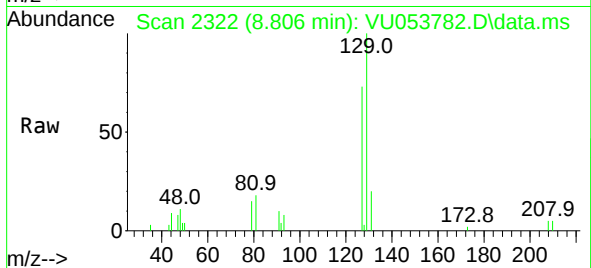
VSTDIC001

Tgt Ion:129 Resp: 7273

Ion Ratio Lower Upper

129 100

127 80.2 61.4 92.0



#56

1,2-Dibromoethane

Concen: 1.102 ug/l

RT: 8.925 min Scan# 2359

Delta R.T. 0.003 min

Lab File: VU053782.D

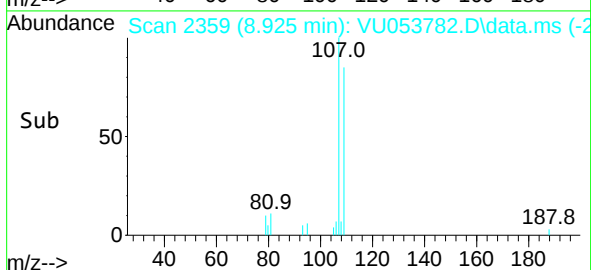
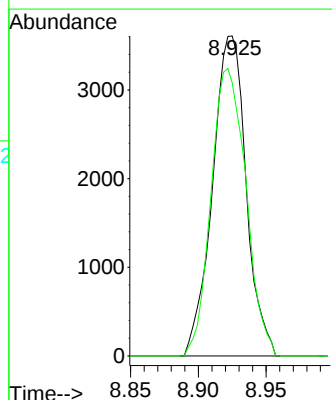
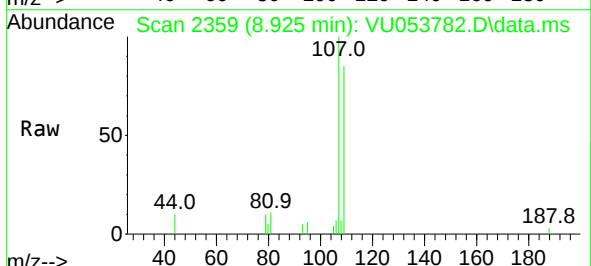
Acq: 19 Apr 2023 14:34

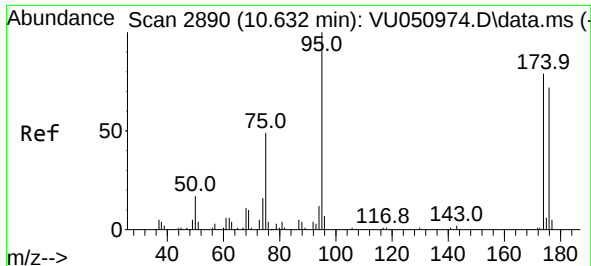
Tgt Ion:107 Resp: 6225

Ion Ratio Lower Upper

107 100

109 93.3 0.0 184.4

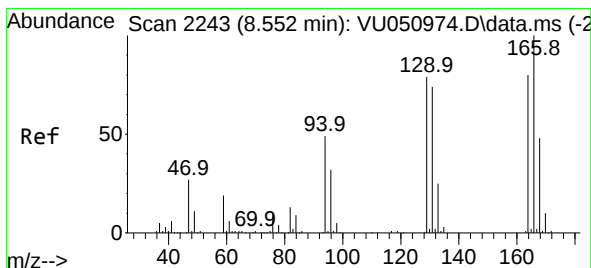
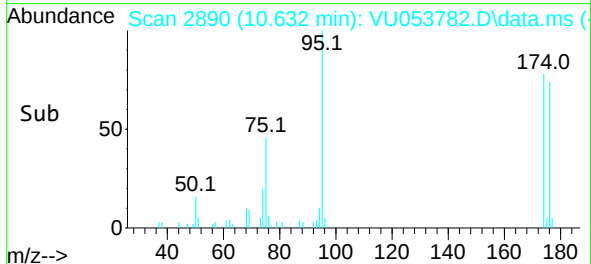
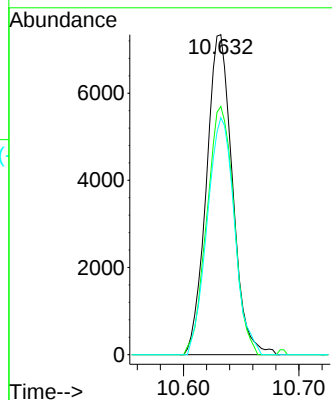
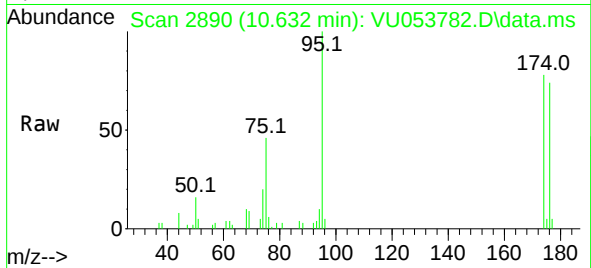




#57
4-Bromofluorobenzene
Concen: 1.058 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.000 min
Lab File: VU053782.D
Acq: 19 Apr 2023 14:34

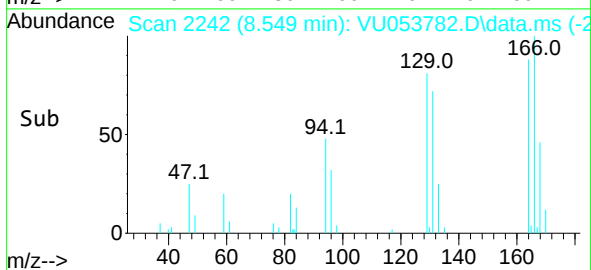
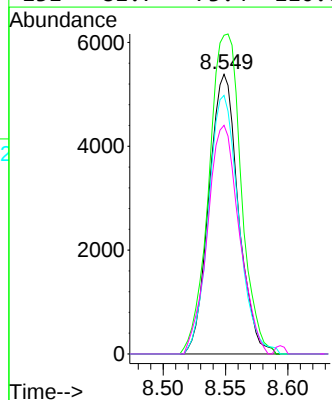
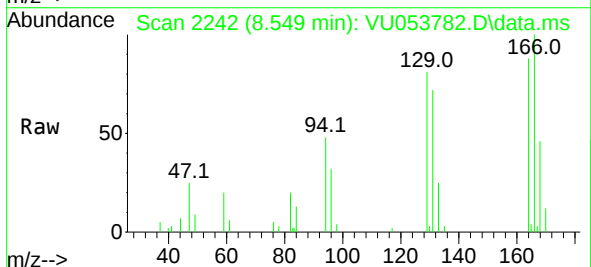
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

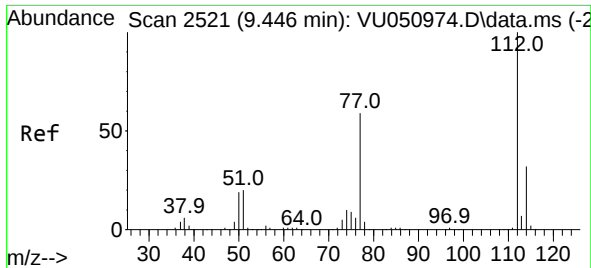
Tgt Ion: 95 Resp: 11535
Ion Ratio Lower Upper
95 100
174 80.3 63.3 94.9
176 77.1 59.3 88.9



#58
Tetrachloroethene
Concen: 1.103 ug/l
RT: 8.549 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VU053782.D
Acq: 19 Apr 2023 14:34

Tgt Ion: 164 Resp: 8836
Ion Ratio Lower Upper
164 100
166 114.0 99.6 149.4
129 92.5 78.6 117.8
131 81.7 73.4 110.0

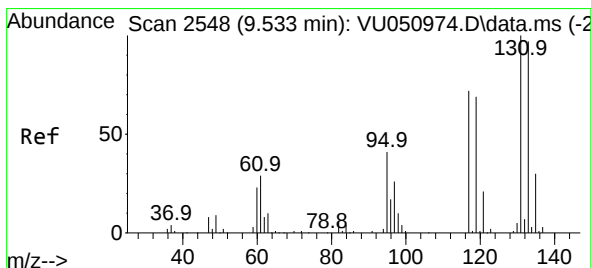
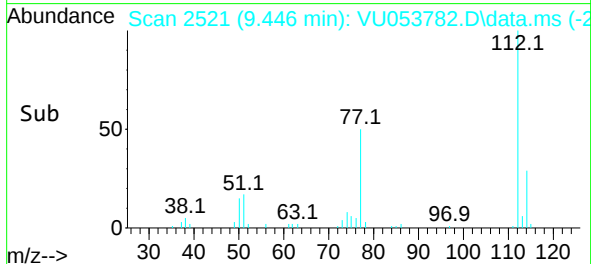
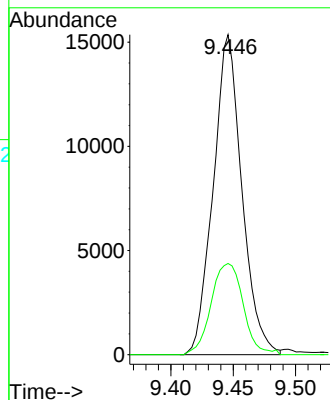
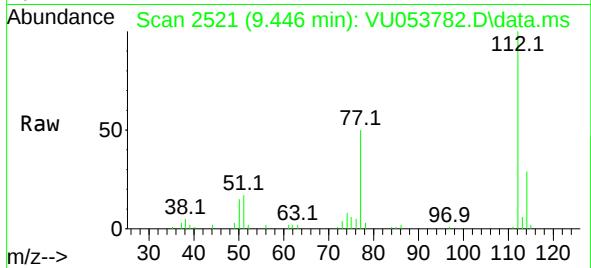




#59
Chlorobenzene
Concen: 1.063 ug/l
RT: 9.446 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU053782.D
Acq: 19 Apr 2023 14:34

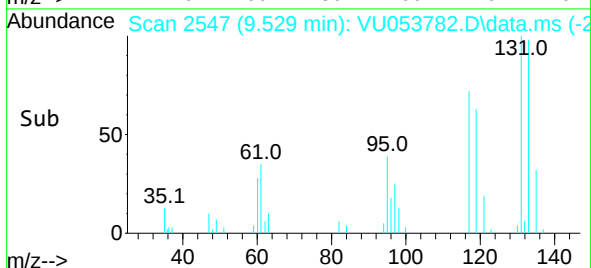
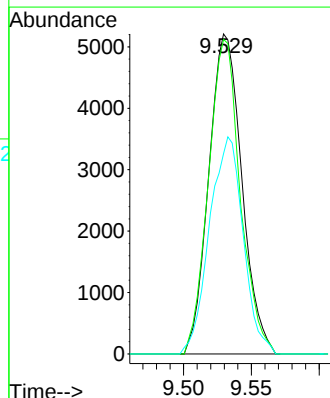
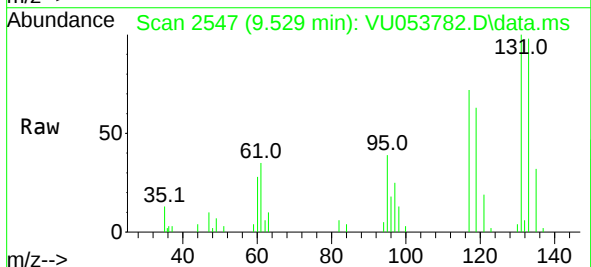
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

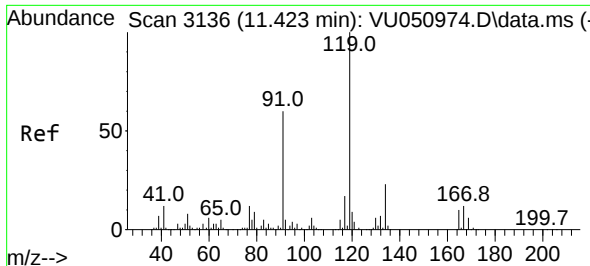
Tgt Ion:112 Resp: 24605
Ion Ratio Lower Upper
112 100
114 28.5 25.6 38.4



#60
1,1,1,2-Tetrachloroethane
Concen: 1.215 ug/l
RT: 9.529 min Scan# 2547
Delta R.T. -0.000 min
Lab File: VU053782.D
Acq: 19 Apr 2023 14:34

Tgt Ion:131 Resp: 8814
Ion Ratio Lower Upper
131 100
133 95.0 77.8 116.6
119 69.3 55.2 82.8

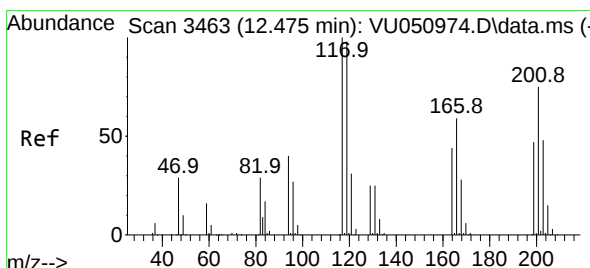
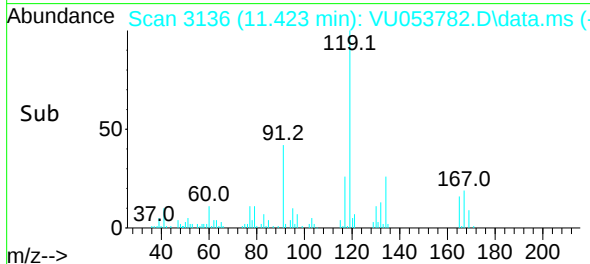
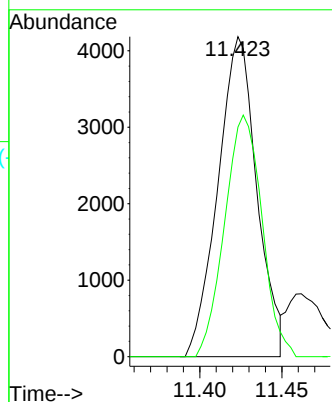
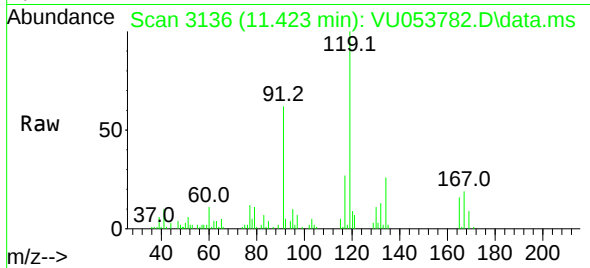




#61
 Pentachloroethane
 Concen: 1.311 ug/l
 RT: 11.423 min Scan# 3136
 Delta R.T. -0.000 min
 Lab File: VU053782.D
 Acq: 19 Apr 2023 14:34

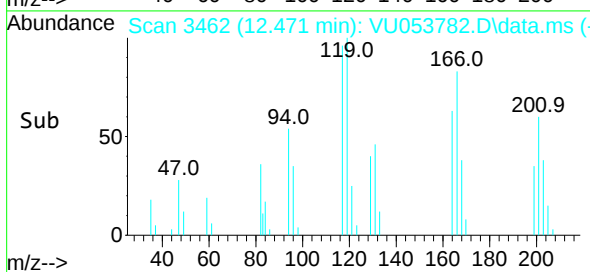
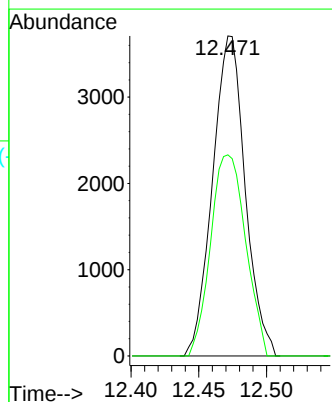
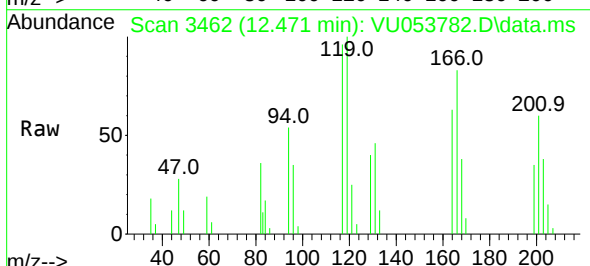
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

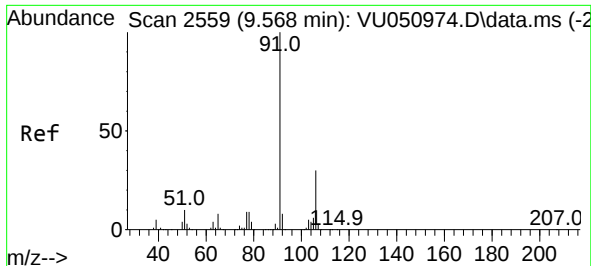
Tgt Ion:117 Resp: 6897
 Ion Ratio Lower Upper
 117 100
 167 72.3 56.7 85.1



#62
 Hexachloroethane
 Concen: 1.080 ug/l
 RT: 12.471 min Scan# 3462
 Delta R.T. -0.000 min
 Lab File: VU053782.D
 Acq: 19 Apr 2023 14:34

Tgt Ion:117 Resp: 6212
 Ion Ratio Lower Upper
 117 100
 201 67.3 59.6 89.4

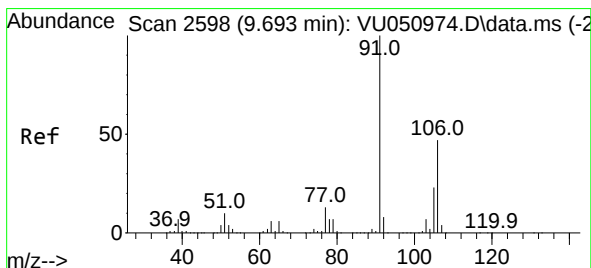
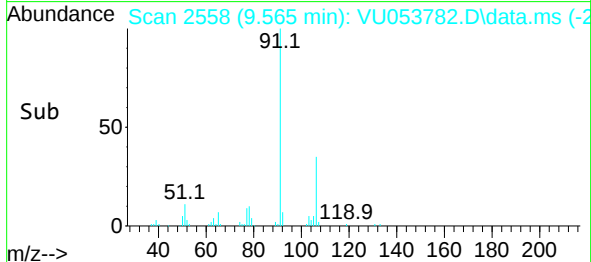
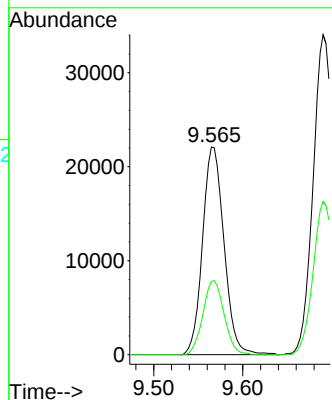
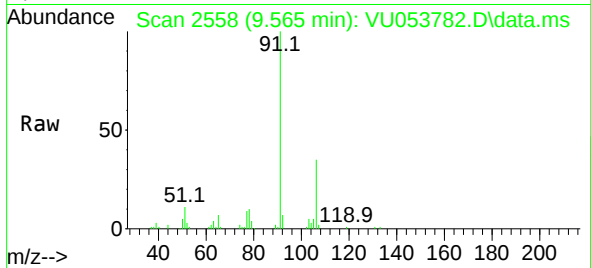




#63
Ethyl Benzene
Concen: 0.925 ug/l
RT: 9.565 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU053782.D
Acq: 19 Apr 2023 14:34

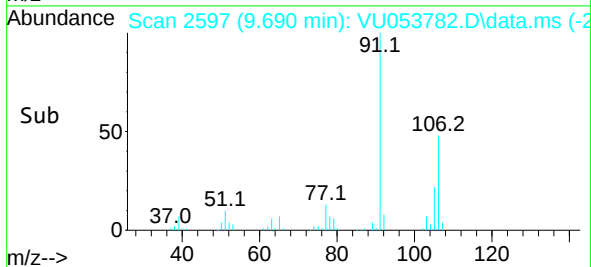
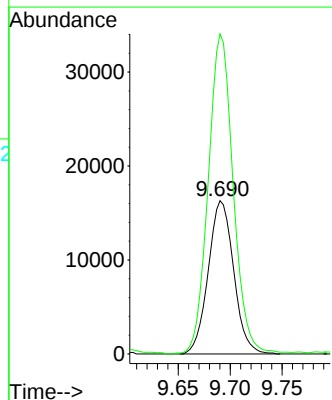
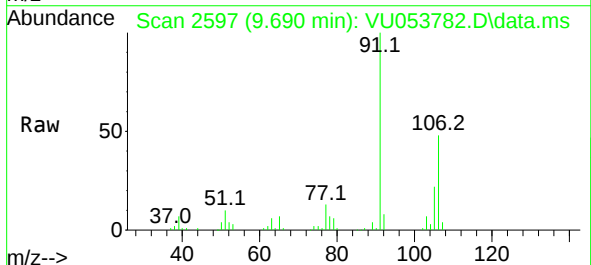
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

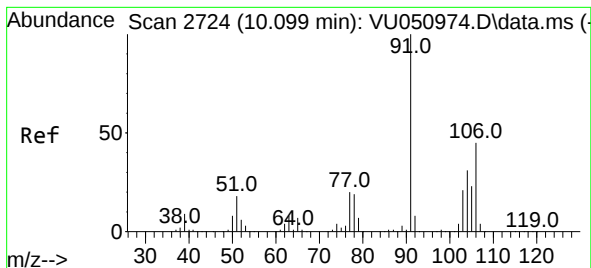
Tgt Ion: 91 Resp: 36996
Ion Ratio Lower Upper
91 100
106 35.3 24.2 36.2



#64
m/p-Xylenes
Concen: 1.802 ug/l
RT: 9.690 min Scan# 2597
Delta R.T. -0.000 min
Lab File: VU053782.D
Acq: 19 Apr 2023 14:34

Tgt Ion:106 Resp: 27704
Ion Ratio Lower Upper
106 100
91 205.5 167.3 250.9





#65

o-Xylene

Concen: 0.916 ug/l

RT: 10.099 min Scan# 2724

Delta R.T. -0.000 min

Lab File: VU053782.D

Acq: 19 Apr 2023 14:34

Instrument :

MSVOA_U

ClientSampleId :

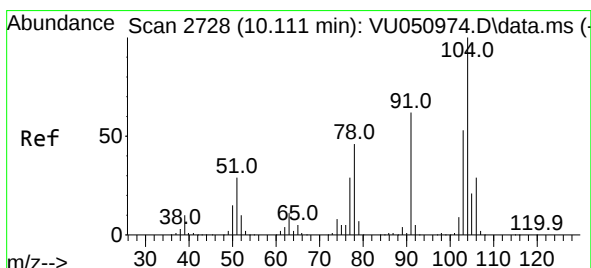
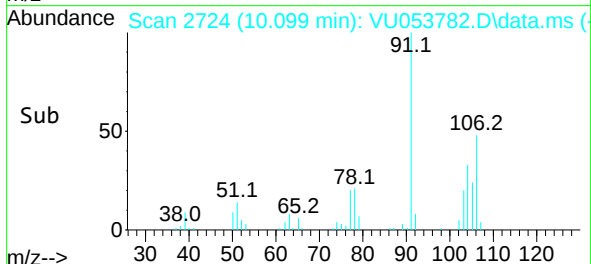
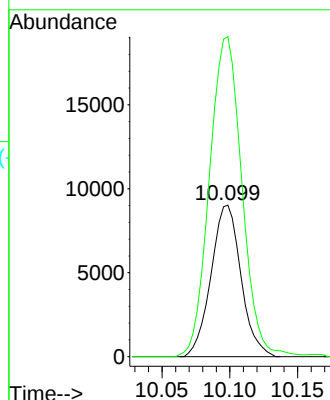
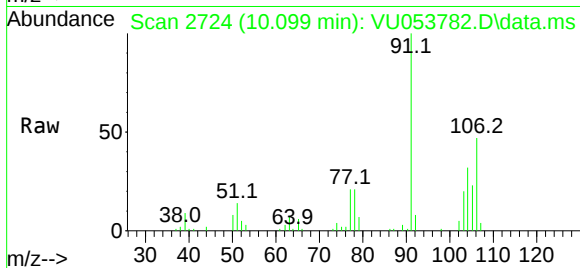
VSTDIC001

Tgt Ion:106 Resp: 13861

Ion Ratio Lower Upper

106 100

91 228.7 109.3 327.9



#66

Styrene

Concen: 0.949 ug/l

RT: 10.111 min Scan# 2728

Delta R.T. -0.000 min

Lab File: VU053782.D

Acq: 19 Apr 2023 14:34

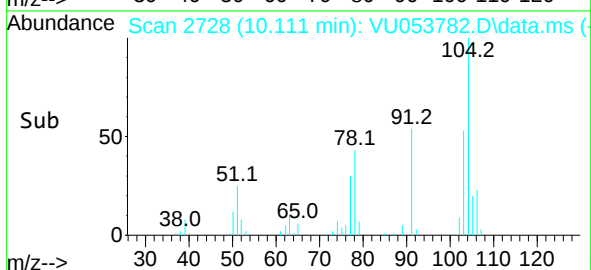
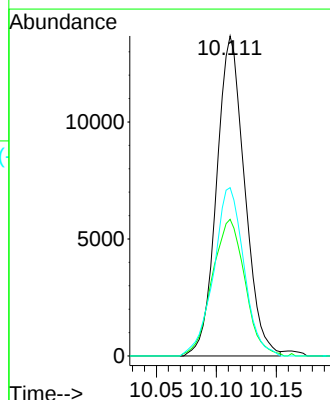
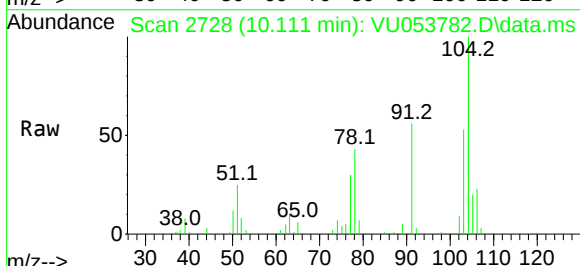
Tgt Ion:104 Resp: 22207

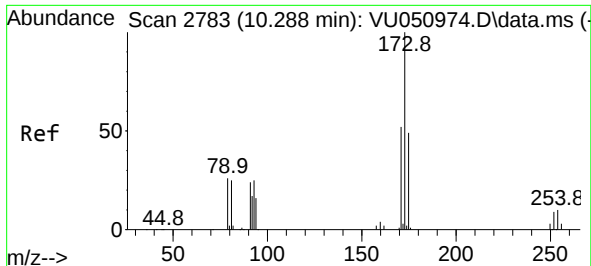
Ion Ratio Lower Upper

104 100

78 49.8 39.7 59.5

103 56.7 44.8 67.2

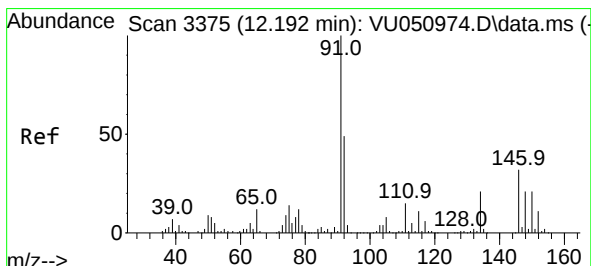
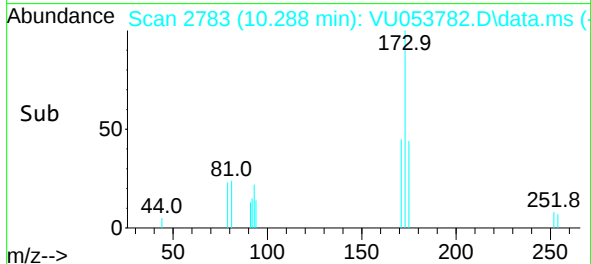
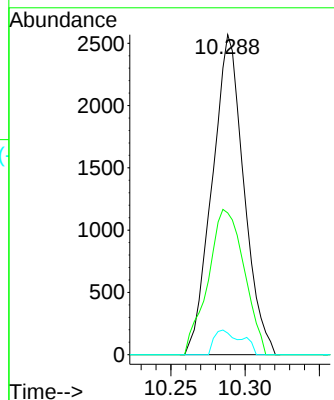
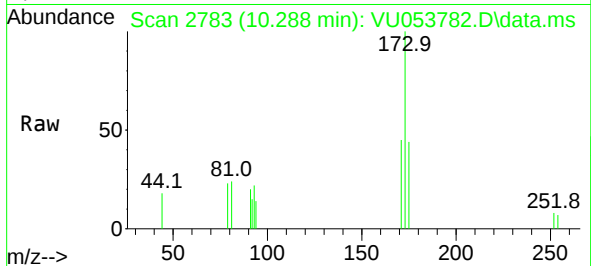




#67
Bromoform
Concen: 1.248 ug/l
RT: 10.288 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU053782.D
Acq: 19 Apr 2023 14:34

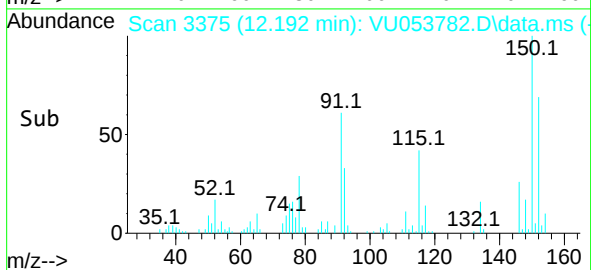
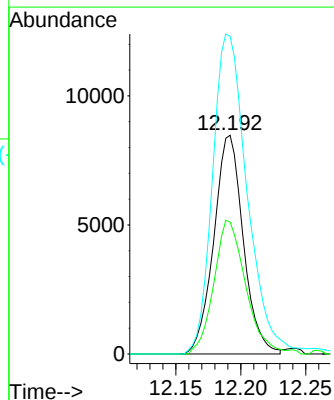
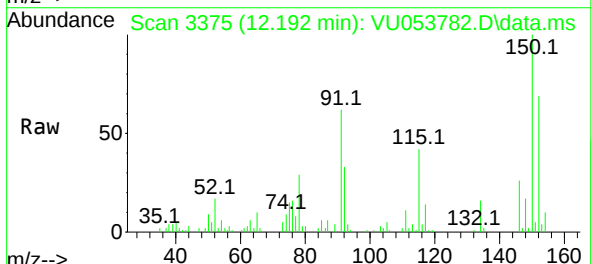
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

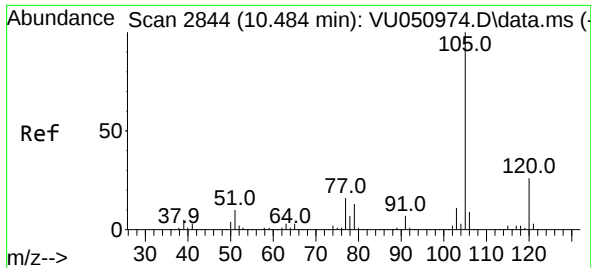
Tgt Ion:173 Resp: 3803
Ion Ratio Lower Upper
173 100
175 51.9 39.0 58.6
254 6.6 7.4 11.0#



#68
1,2-Dichlorobenzene-d4
Concen: 1.175 ug/l
RT: 12.192 min Scan# 3375
Delta R.T. 0.003 min
Lab File: VU053782.D
Acq: 19 Apr 2023 14:34

Tgt Ion:152 Resp: 13365
Ion Ratio Lower Upper
152 100
115 66.1 0.0 308.8
150 171.9 0.0 635.0

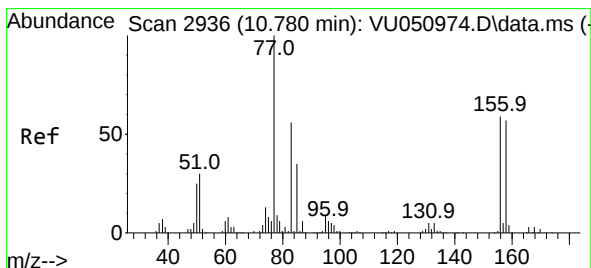
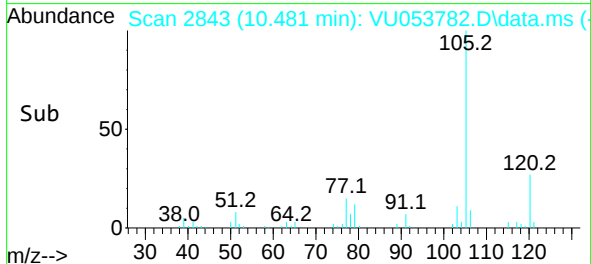
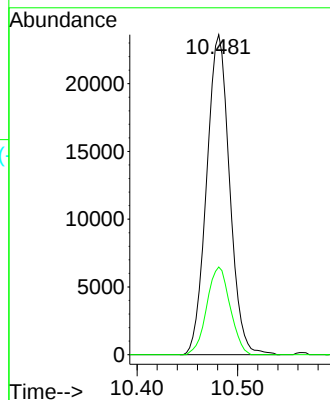
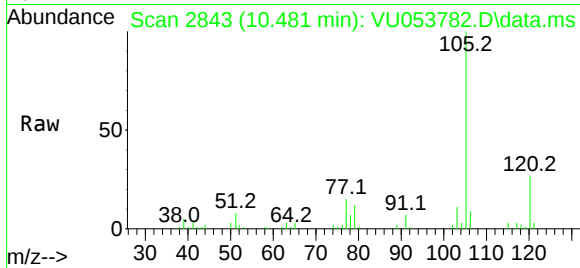




#69
Isopropylbenzene
Concen: 0.946 ug/l
RT: 10.481 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU053782.D
Acq: 19 Apr 2023 14:34

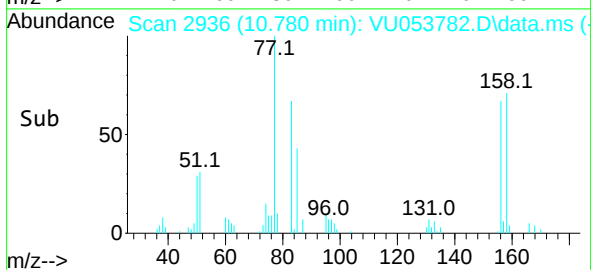
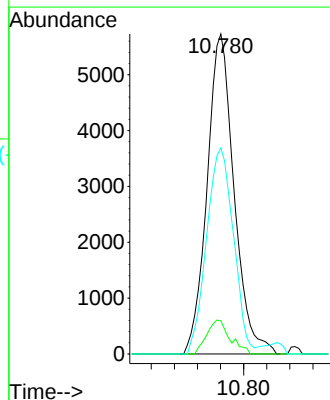
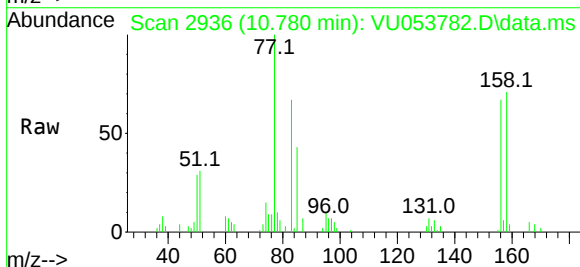
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

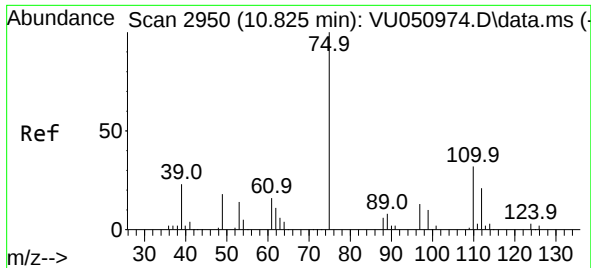
Tgt Ion:105 Resp: 37470
Ion Ratio Lower Upper
105 100
120 27.7 12.8 38.4



#70
1,1,2,2-Tetrachloroethane
Concen: 1.234 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. 0.003 min
Lab File: VU053782.D
Acq: 19 Apr 2023 14:34

Tgt Ion: 83 Resp: 9287
Ion Ratio Lower Upper
83 100
131 9.1 7.2 10.8
85 64.3 50.5 75.7

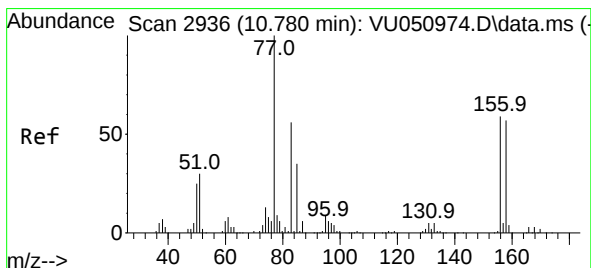
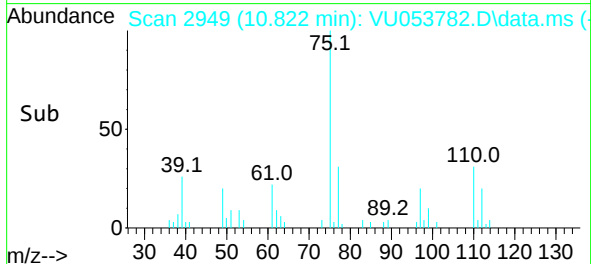
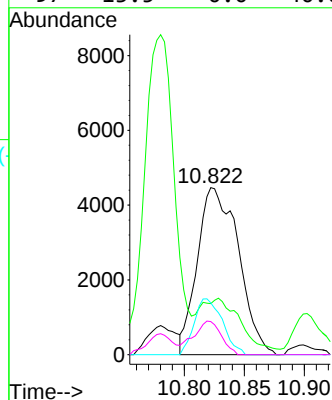
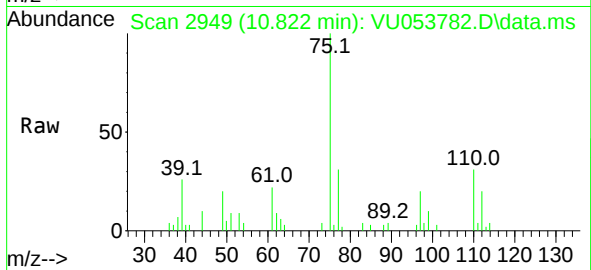




#71
1,2,3-Trichloropropane
Concen: 1.865 ug/l
RT: 10.822 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU053782.D
Acq: 19 Apr 2023 14:34

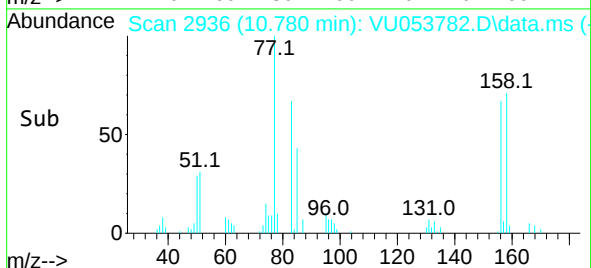
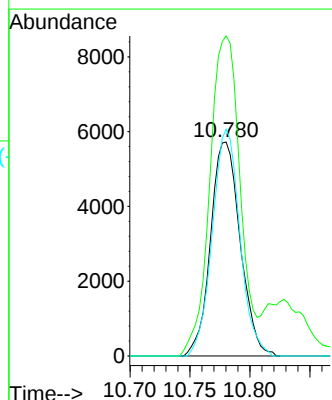
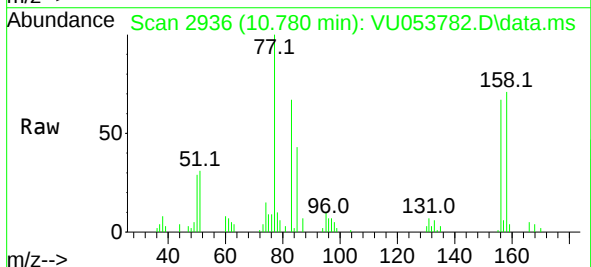
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

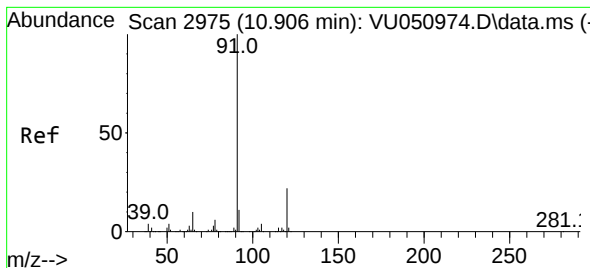
Tgt Ion: 75	Resp: 10667
Ion Ratio	Lower Upper
75 100	
77 33.2	0.0 116.4
110 22.9	0.0 74.6
97 13.5	0.0 40.0



#72
Bromobenzene
Concen: 1.140 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. -0.000 min
Lab File: VU053782.D
Acq: 19 Apr 2023 14:34

Tgt Ion:156	Resp:	9824	
Ion	Ratio	Lower	Upper
156	100		
77	152.5	0.0	343.0
158	98.7	0.0	194.8





#73

n-propylbenzene

Concen: 0.959 ug/l

RT: 10.902 min Scan# 2975

Delta R.T. -0.000 min

Lab File: VU053782.D

Acq: 19 Apr 2023 14:34

Instrument :

MSVOA_U

ClientSampleId :

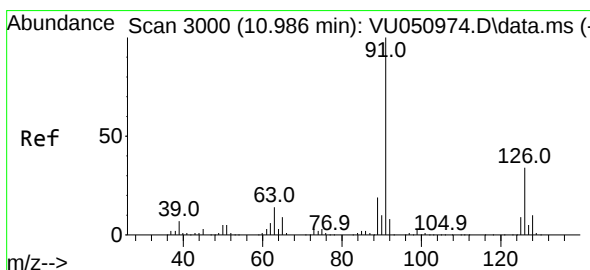
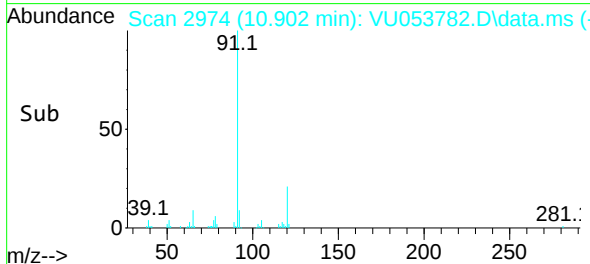
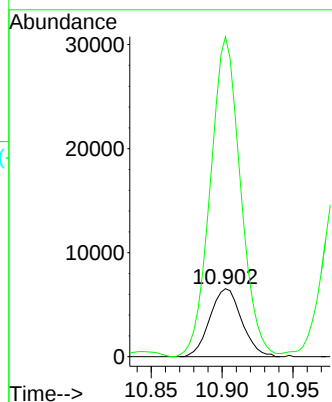
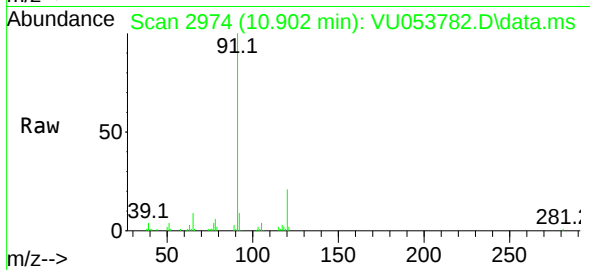
VSTDIC001

Tgt Ion:120 Resp: 10181

Ion Ratio Lower Upper

120 100

91 448.4 369.8 554.6



#74

2-Chlorotoluene

Concen: 1.073 ug/l

RT: 10.983 min Scan# 2999

Delta R.T. -0.000 min

Lab File: VU053782.D

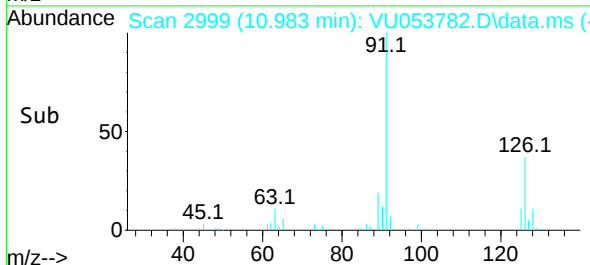
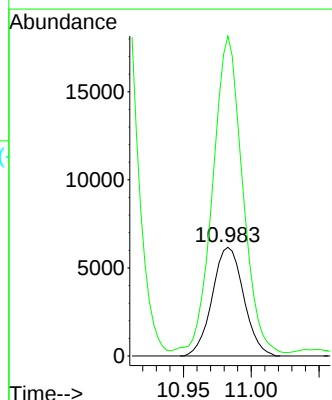
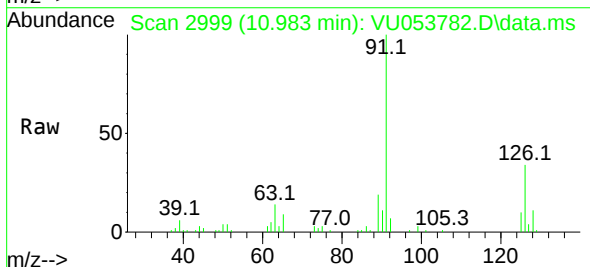
Acq: 19 Apr 2023 14:34

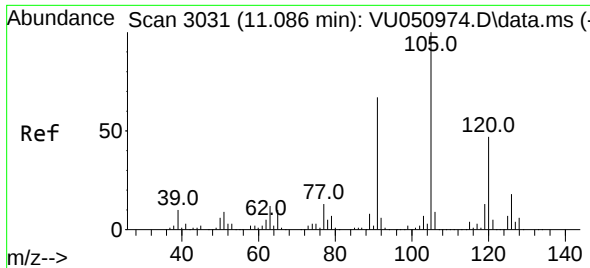
Tgt Ion:126 Resp: 9938

Ion Ratio Lower Upper

126 100

91 277.3 0.0 610.0

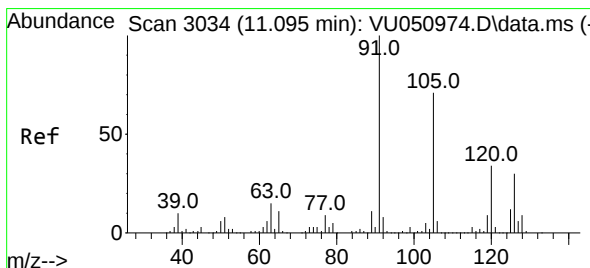
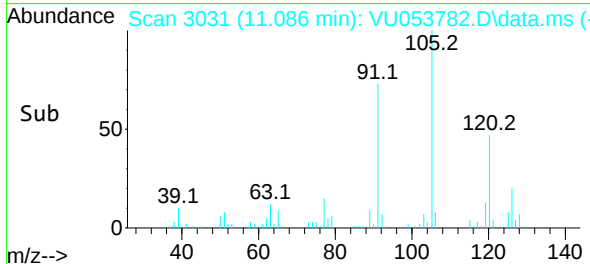
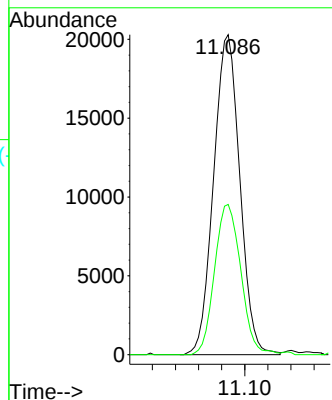
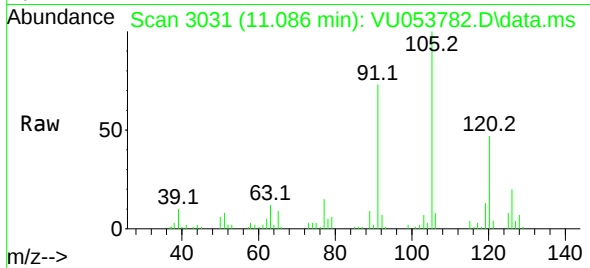




#75
1,3,5-Trimethylbenzene
Concen: 0.953 ug/l
RT: 11.086 min Scan# 3031
Delta R.T. -0.000 min
Lab File: VU053782.D
Acq: 19 Apr 2023 14:34

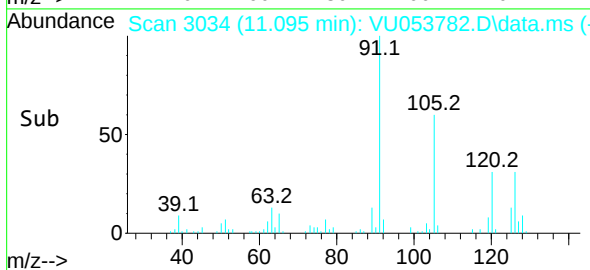
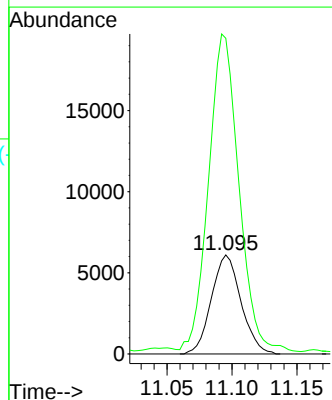
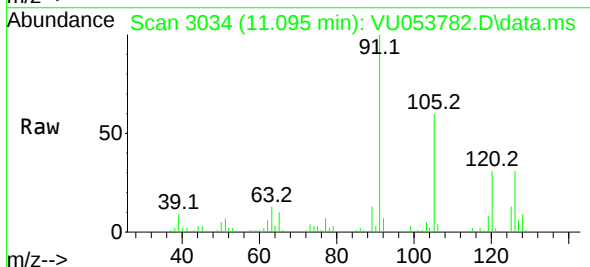
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

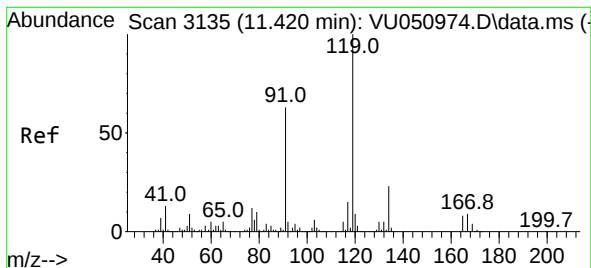
Tgt Ion:105 Resp: 31997
Ion Ratio Lower Upper
105 100
120 47.0 37.8 56.8



#76
4-Chlorotoluene
Concen: 0.996 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. 0.003 min
Lab File: VU053782.D
Acq: 19 Apr 2023 14:34

Tgt Ion:126 Resp: 9660
Ion Ratio Lower Upper
126 100
91 328.1 0.0 686.2





#77

tert-Butylbenzene

Concen: 1.005 ug/l

RT: 11.417 min Scan# 3135

Delta R.T. -0.000 min

Lab File: VU053782.D

Acq: 19 Apr 2023 14:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

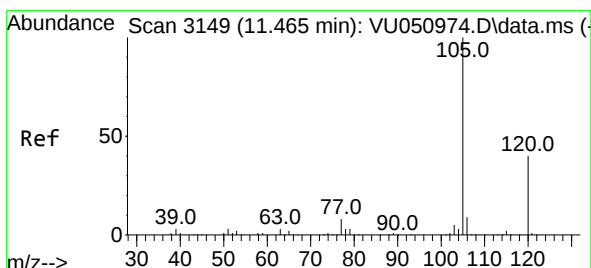
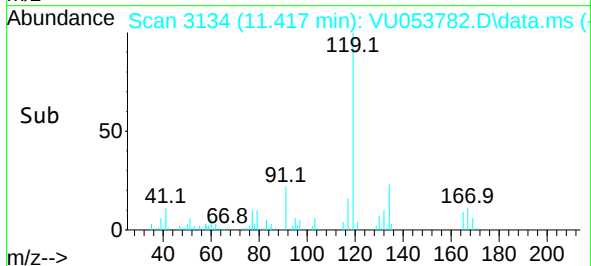
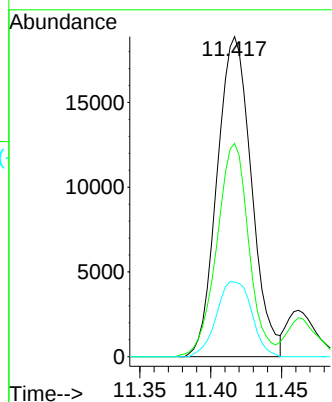
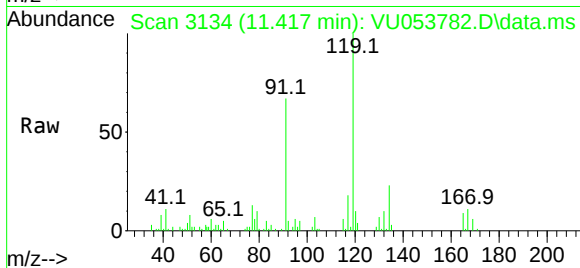
Tgt Ion:119 Resp: 31856

Ion Ratio Lower Upper

119 100

91 62.1 30.8 92.4

134 24.0 18.0 27.0



#78

1,2,4-Trimethylbenzene

Concen: 0.907 ug/l

RT: 11.465 min Scan# 3149

Delta R.T. -0.000 min

Lab File: VU053782.D

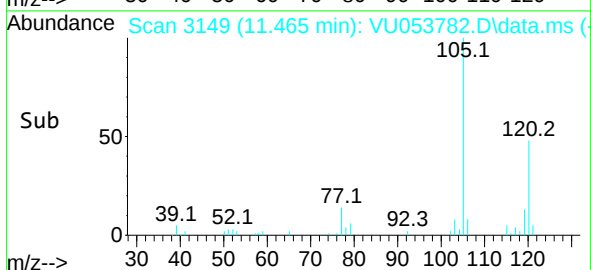
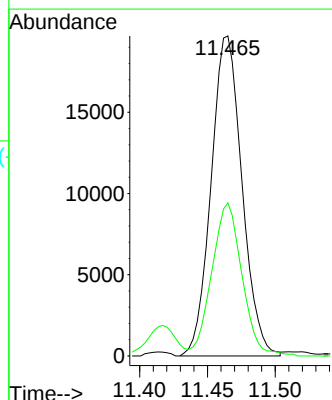
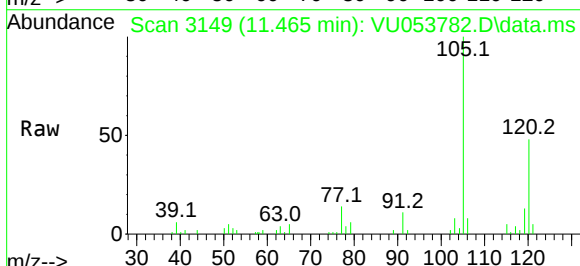
Acq: 19 Apr 2023 14:34

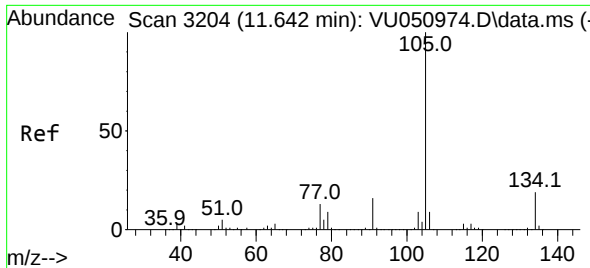
Tgt Ion:105 Resp: 31218

Ion Ratio Lower Upper

105 100

120 46.5 21.9 65.8

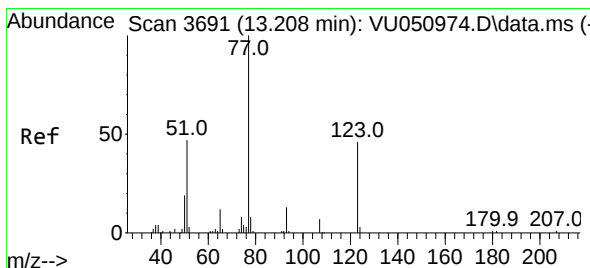
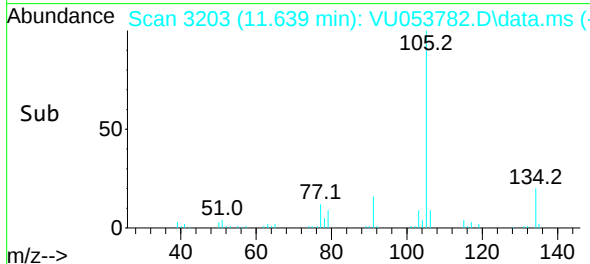
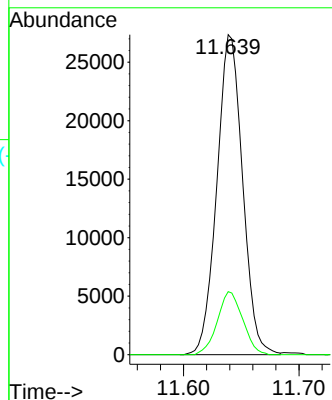
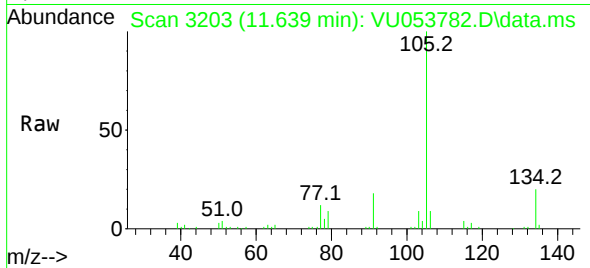




#79
 sec-Butylbenzene
 Concen: 0.940 ug/l
 RT: 11.639 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU053782.D
 Acq: 19 Apr 2023 14:34

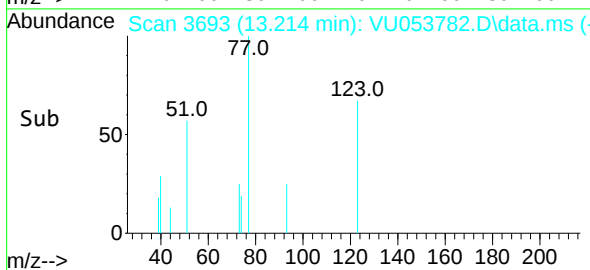
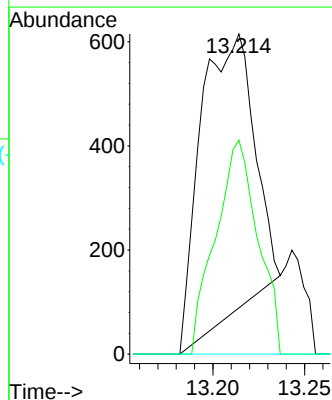
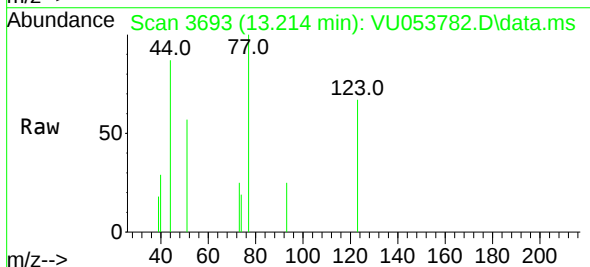
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

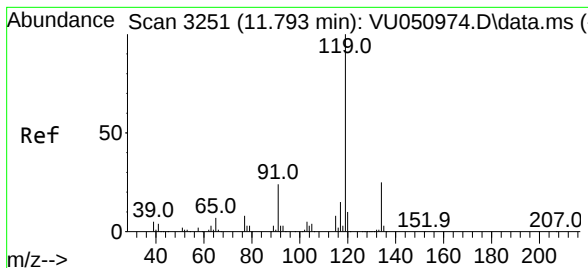
Tgt Ion:105 Resp: 42336
 Ion Ratio Lower Upper
 105 100
 134 19.4 14.9 22.3



#80
 Nitrobenzene
 Concen: 5.520 ug/l
 RT: 13.214 min Scan# 3693
 Delta R.T. 0.013 min
 Lab File: VU053782.D
 Acq: 19 Apr 2023 14:34

Tgt Ion: 77 Resp: 1110
 Ion Ratio Lower Upper
 77 100
 123 59.5 19.7 69.7
 65 0.0 11.5 14.7#





#81

p-Isopropyltoluene

Concen: 0.910 ug/l

RT: 11.790 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU053782.D

Acq: 19 Apr 2023 14:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

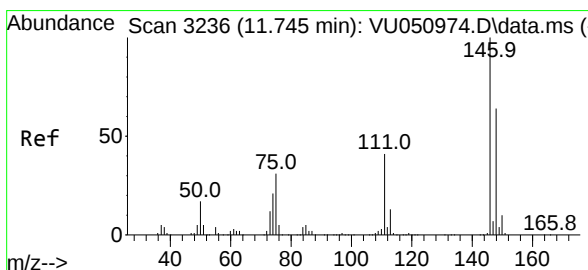
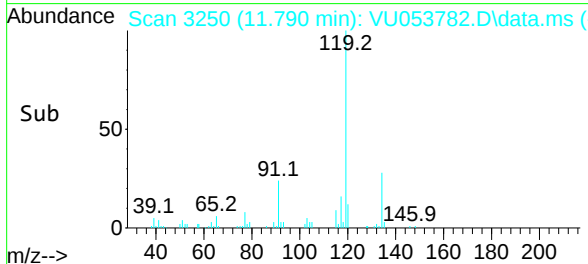
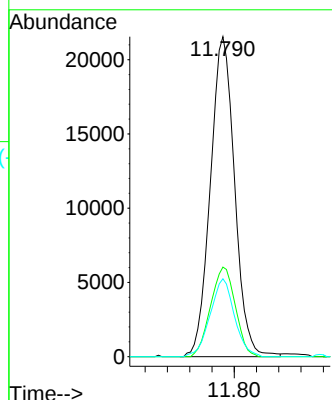
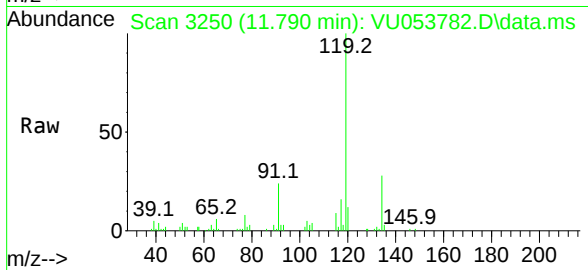
Tgt Ion:119 Resp: 32558

Ion Ratio Lower Upper

119 100

134 28.5 20.2 30.4

91 24.4 19.3 28.9



#82

1,3-Dichlorobenzene

Concen: 1.144 ug/l

RT: 11.742 min Scan# 3235

Delta R.T. -0.000 min

Lab File: VU053782.D

Acq: 19 Apr 2023 14:34

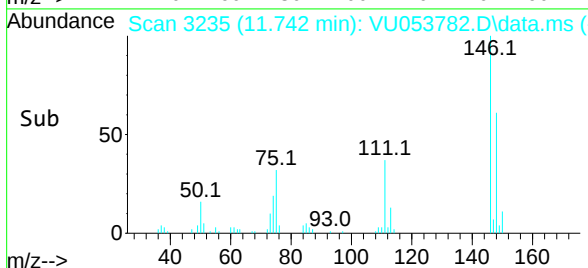
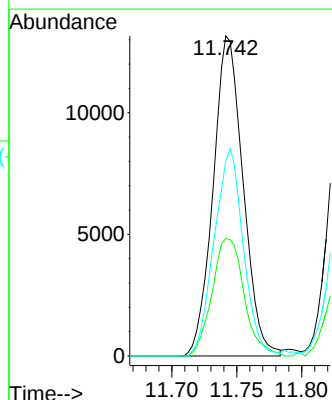
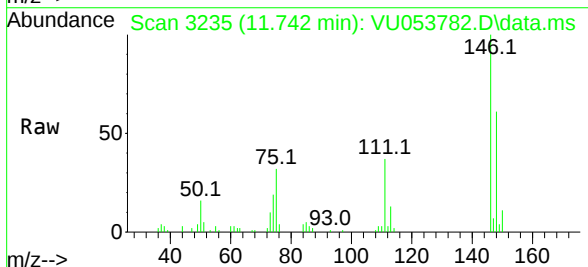
Tgt Ion:146 Resp: 21076

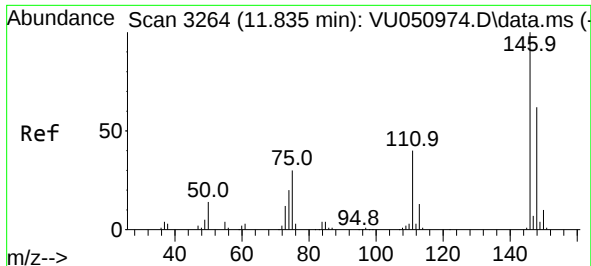
Ion Ratio Lower Upper

146 100

111 39.2 32.6 49.0

148 62.9 51.0 76.4

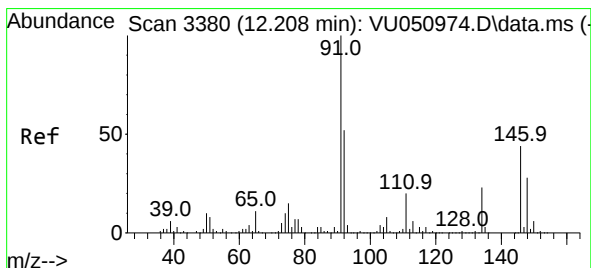
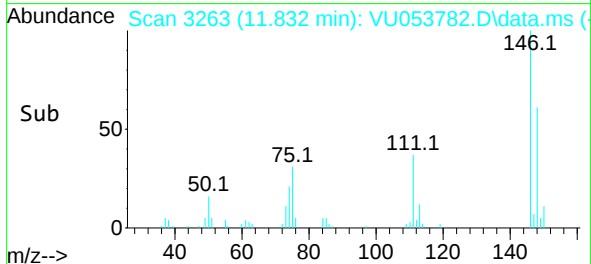
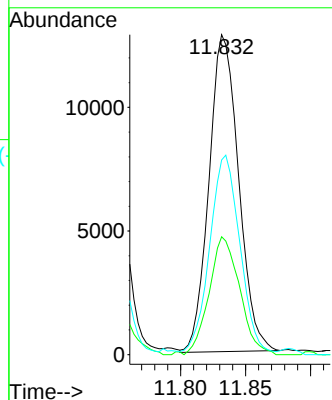
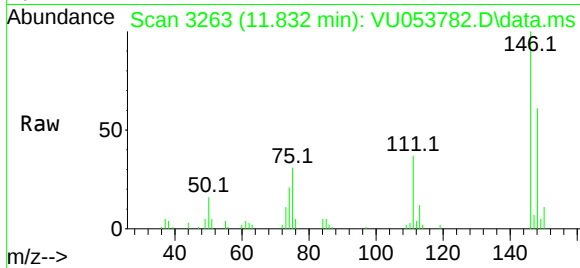




#83
1,4-Dichlorobenzene
Concen: 1.086 ug/l
RT: 11.832 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU053782.D
Acq: 19 Apr 2023 14:34

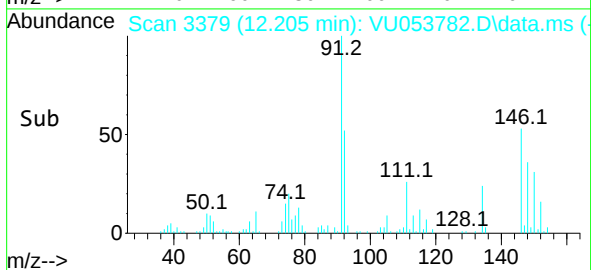
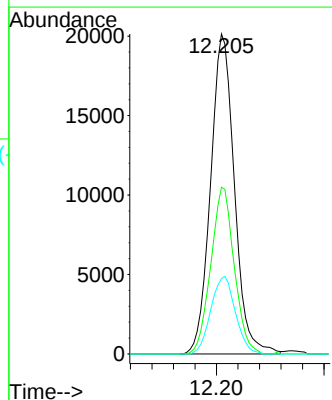
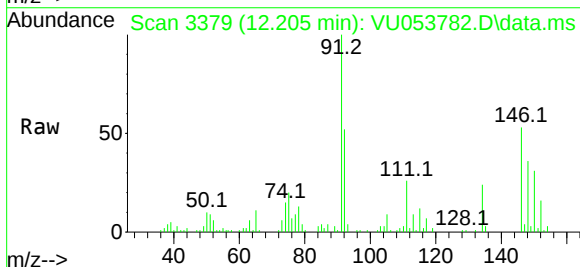
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

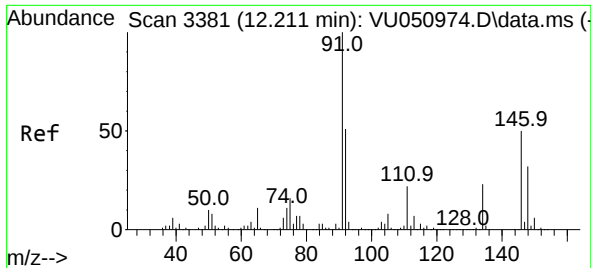
Tgt Ion:146 Resp: 20323
Ion Ratio Lower Upper
146 100
111 38.5 31.6 47.4
148 62.5 50.3 75.5



#84
n-Butylbenzene
Concen: 0.890 ug/l
RT: 12.205 min Scan# 3379
Delta R.T. -0.000 min
Lab File: VU053782.D
Acq: 19 Apr 2023 14:34

Tgt Ion: 91 Resp: 30995
Ion Ratio Lower Upper
91 100
92 51.0 40.8 61.2
134 24.9 18.4 27.6

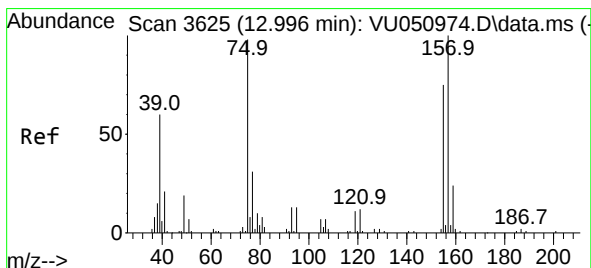
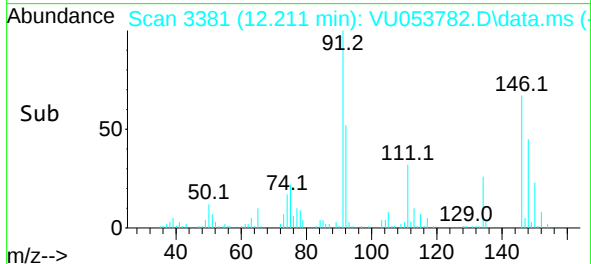
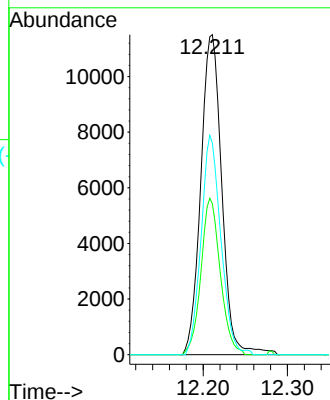
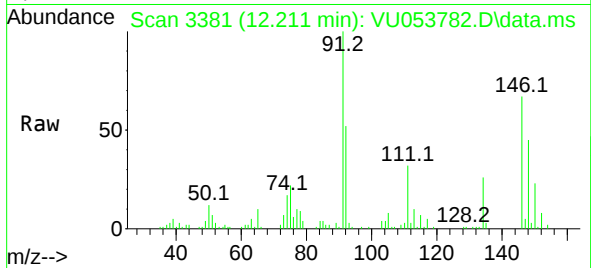




#85
 1,2-Dichlorobenzene
 Concen: 1.129 ug/l
 RT: 12.211 min Scan# 3381
 Delta R.T. 0.003 min
 Lab File: VU053782.D
 Acq: 19 Apr 2023 14:34

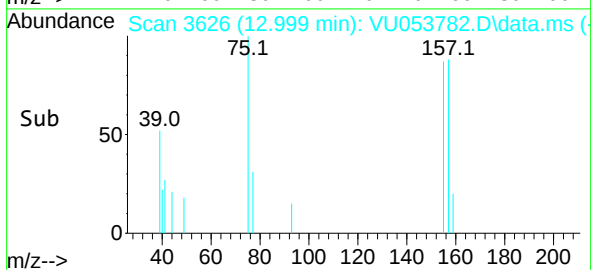
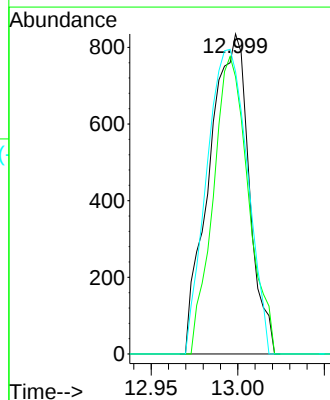
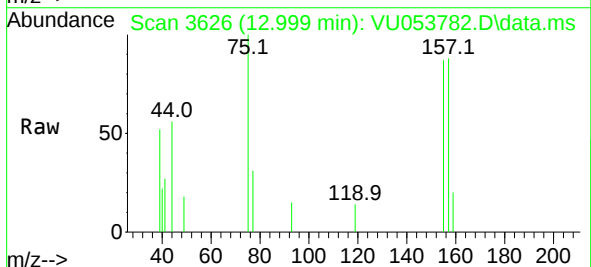
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

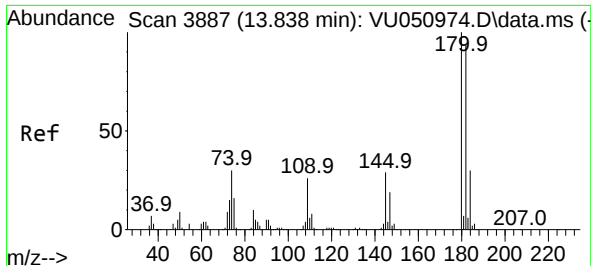
Tgt Ion:	146	Resp:	19965
Ion	Ratio	Lower	Upper
146	100		
111	45.0	21.6	64.6
148	64.5	32.1	96.5



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 1.158 ug/l
 RT: 12.999 min Scan# 3626
 Delta R.T. 0.006 min
 Lab File: VU053782.D
 Acq: 19 Apr 2023 14:34

Tgt Ion:	75	Resp:	1331
Ion	Ratio	Lower	Upper
75	100		
155	82.5	61.8	92.8
157	97.9	80.2	120.4

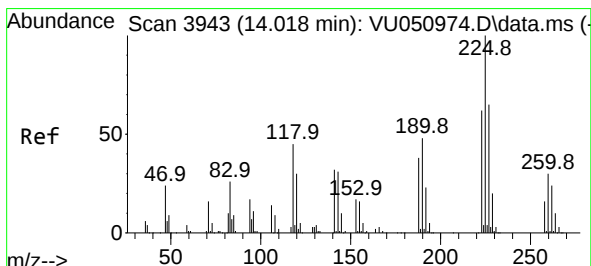
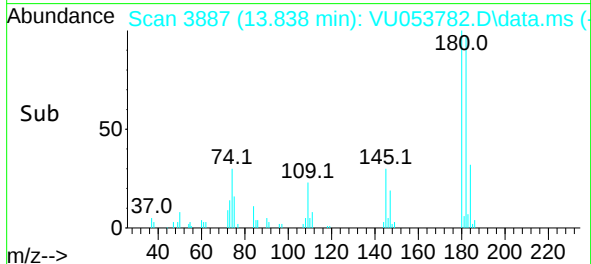
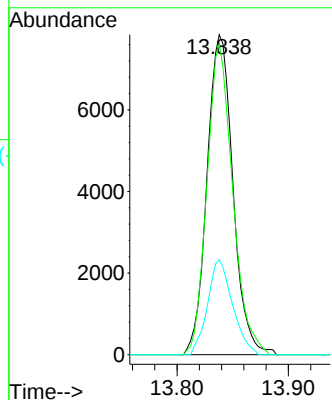
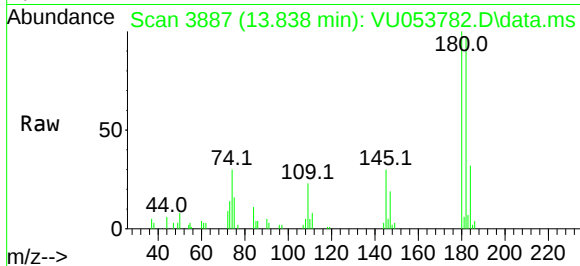




#87
1,2,4-Trichlorobenzene
Concen: 1.206 ug/l
RT: 13.838 min Scan# 3887
Delta R.T. 0.003 min
Lab File: VU053782.D
Acq: 19 Apr 2023 14:34

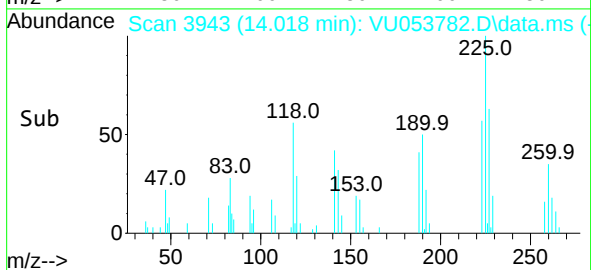
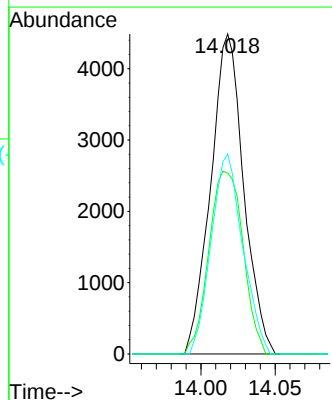
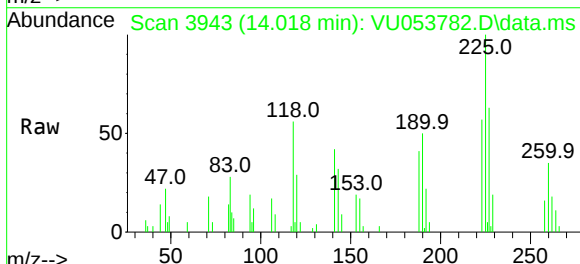
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

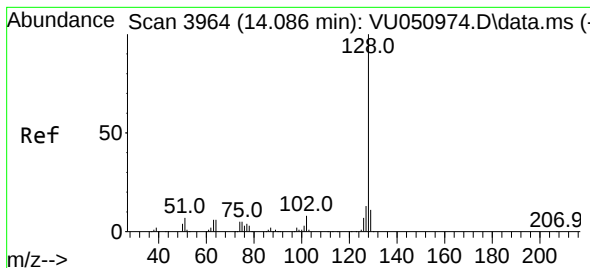
Tgt Ion:180 Resp: 12699
Ion Ratio Lower Upper
180 100
182 96.2 75.8 113.6
145 28.5 23.9 35.9



#88
Hexachlorobutadiene
Concen: 1.324 ug/l
RT: 14.018 min Scan# 3943
Delta R.T. -0.000 min
Lab File: VU053782.D
Acq: 19 Apr 2023 14:34

Tgt Ion:225 Resp: 6928
Ion Ratio Lower Upper
225 100
223 59.2 50.2 75.4
227 59.8 51.5 77.3





#89

Naphthalene

Concen: 1.097 ug/l

RT: 14.086 min Scan# 3964

Delta R.T. 0.003 min

Lab File: VU053782.D

Acq: 19 Apr 2023 14:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

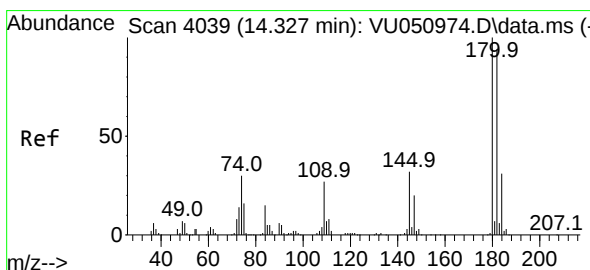
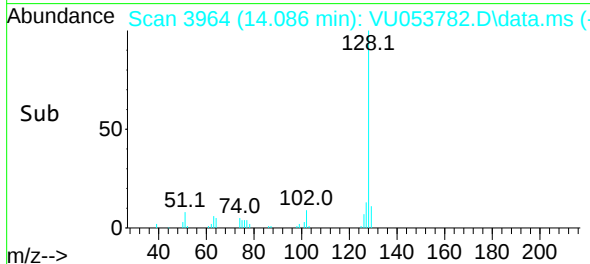
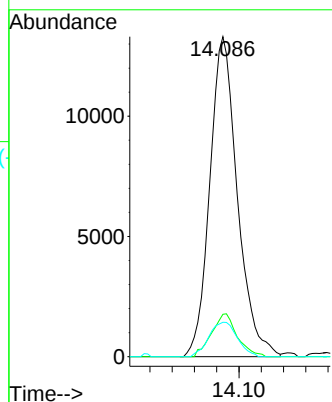
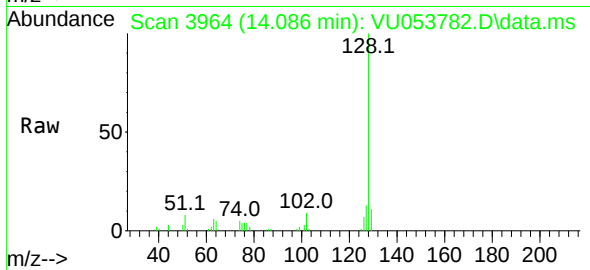
Tgt Ion:128 Resp: 22919

Ion Ratio Lower Upper

128 100

127 12.5 10.9 16.3

129 11.1 8.6 12.8



#90

1,2,3-Trichlorobenzene

Concen: 1.255 ug/l

RT: 14.327 min Scan# 4039

Delta R.T. 0.003 min

Lab File: VU053782.D

Acq: 19 Apr 2023 14:34

Tgt Ion:180 Resp: 11733

Ion Ratio Lower Upper

180 100

182 101.2 75.7 113.5

145 31.6 26.1 39.1

