

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012023\
 Data File : VU052754.D
 Acq On : 20 Jan 2023 11:46
 Operator : JC/MD
 Sample : VU0120WBS01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0120WBS01

Quant Time: Jan 21 01:00:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U011923W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 20 01:04:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.369	168	203662	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	331038	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	306151	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.809	152	161083	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.697	65	147289	50.216	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.440%	
35) Dibromofluoromethane	5.282	113	117300	50.888	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.780%	
50) Toluene-d8	7.893	98	433847	50.188	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.380%	
62) 4-Bromofluorobenzene	10.629	95	160103	50.702	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.400%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.385	85	44623	18.581	ug/l	99
3) Chloromethane	1.520	50	45895	18.605	ug/l	99
4) Vinyl Chloride	1.604	62	47853	19.450	ug/l	100
5) Bromomethane	1.858	94	24476	20.152	ug/l	99
6) Chloroethane	1.932	64	28558	18.362	ug/l	97
7) Trichlorofluoromethane	2.131	101	74373	19.635	ug/l	98
8) Diethyl Ether	2.372	74	26791	19.431	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.578	101	43114	19.683	ug/l	99
10) Methyl Iodide	2.720	142	36353	21.334	ug/l	99
11) Tert butyl alcohol	3.221	59	5847	11.699	ug/l #	88
12) 1,1-Dichloroethene	2.575	96	41507	19.160	ug/l	98
13) Acrolein	2.485	56	49463	105.360	ug/l	98
14) Allyl chloride	2.919	41	67883	19.894	ug/l	99
15) Acrylonitrile	3.314	53	130153	94.384	ug/l	99
16) Acetone	2.636	43	137370	98.268	ug/l	100
17) Carbon Disulfide	2.790	76	118518	18.259	ug/l	99
18) Methyl Acetate	2.948	43	71215	18.407	ug/l	98
19) Methyl tert-butyl Ether	3.359	73	146801	20.002	ug/l	98
20) Methylene Chloride	3.041	84	51458	19.616	ug/l	99
21) trans-1,2-Dichloroethene	3.346	96	45744	19.588	ug/l	96
22) Diisopropyl ether	3.983	45	141264	19.908	ug/l	89
23) Vinyl Acetate	3.951	43	529415	97.234	ug/l	99
24) 1,1-Dichloroethane	3.864	63	86311	19.178	ug/l	98
25) 2-Butanone	4.703	43	173169	96.052	ug/l	98
26) 2,2-Dichloropropane	4.658	77	73218	19.831	ug/l	99
27) cis-1,2-Dichloroethene	4.662	96	52645	20.536	ug/l	99
28) Bromochloromethane	4.970	49	39130	20.829	ug/l	99
29) Tetrahydrofuran	5.054	42	101108	96.609	ug/l	100
30) Chloroform	5.083	83	89581	18.621	ug/l	99
31) Cyclohexane	5.382	56	78624	19.130	ug/l	97
32) 1,1,1-Trichloroethane	5.311	97	78791	19.995	ug/l	99
36) 1,1-Dichloropropene	5.520	75	65569	19.826	ug/l	99
37) Ethyl Acetate	4.803	43	63204	17.580	ug/l	98
38) Carbon Tetrachloride	5.520	117	66677	19.596	ug/l	99
39) Methylcyclohexane	6.758	83	74316	19.310	ug/l	97
40) Benzene	5.768	78	196041	19.631	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	33553	19.292	ug/l	98
42) 1,2-Dichloroethane	5.787	62	70932	19.671	ug/l	100
43) Isopropyl Acetate	5.906	43	95420	19.041	ug/l	99
44) Trichloroethene	6.536	130	49254	19.940	ug/l	99
45) 1,2-Dichloropropane	6.784	63	49151	19.082	ug/l	100
46) Dibromomethane	6.915	93	34917	19.574	ug/l	99
47) Bromodichloromethane	7.102	83	69767	19.546	ug/l	99
48) Methyl methacrylate	6.957	41	44521	19.496	ug/l	99
49) 1,4-Dioxane	7.025	88	18493	417.938	ug/l	96
51) 4-Methyl-2-Pentanone	7.790	43	320199	98.725	ug/l	99
52) Toluene	7.964	92	122030	20.205	ug/l	99
53) t-1,3-Dichloropropene	8.205	75	72483	19.440	ug/l	99
54) cis-1,3-Dichloropropene	7.604	75	79724	20.048	ug/l	99
55) 1,1,2-Trichloroethane	8.395	97	48583	19.707	ug/l	99
56) Ethyl methacrylate	8.330	69	69881	19.154	ug/l	99
57) 1,3-Dichloropropane	8.571	76	85318	19.736	ug/l	97
58) 2-Chloroethyl Vinyl ether	7.462	63	8248	78.253	ug/l	100
59) 2-Hexanone	8.687	43	248333	99.391	ug/l	100
60) Dibromochloromethane	8.806	129	52727	19.476	ug/l	99
61) 1,2-Dibromoethane	8.919	107	51644	19.954	ug/l	98
64) Tetrachloroethene	8.549	164	41845	19.674	ug/l	96
65) Chlorobenzene	9.443	112	128235	19.795	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.530	131	47077	19.385	ug/l	99
67) Ethyl Benzene	9.565	91	216678	19.792	ug/l	100
68) m/p-Xylenes	9.690	106	175999	41.393	ug/l	97
69) o-Xylene	10.095	106	82176	20.245	ug/l	100
70) Styrene	10.111	104	138476	19.527	ug/l	99
71) Bromoform	10.288	173	40987	20.209	ug/l #	99
73) Isopropylbenzene	10.481	105	218097	20.552	ug/l	100
74) N-amyl acetate	10.317	43	79289	19.612	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.780	83	80573	19.164	ug/l	100
76) 1,2,3-Trichloropropane	10.819	75	85104	19.360	ug/l	98
77) Bromobenzene	10.777	156	55500	20.222	ug/l	95
78) n-propylbenzene	10.902	91	254791	20.415	ug/l	100
79) 2-Chlorotoluene	10.983	91	159255	20.650	ug/l	99
80) 1,3,5-Trimethylbenzene	11.083	105	183357	20.799	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.542	75	20967	18.535	ug/l	95
82) 4-Chlorotoluene	11.092	91	180684	20.555	ug/l	100
83) tert-Butylbenzene	11.417	119	184291	20.367	ug/l	100
84) 1,2,4-Trimethylbenzene	11.462	105	183388	20.958	ug/l	100
85) sec-Butylbenzene	11.639	105	227791	20.566	ug/l	99
86) p-Isopropyltoluene	11.790	119	191332	20.315	ug/l	99
87) 1,3-Dichlorobenzene	11.742	146	104406	19.956	ug/l	99
88) 1,4-Dichlorobenzene	11.832	146	104654	19.455	ug/l	99
89) n-Butylbenzene	12.205	91	154949	18.534	ug/l	100
90) Hexachloroethane	12.472	117	32987	18.256	ug/l	98
91) 1,2-Dichlorobenzene	12.208	146	102975	19.518	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.992	75	16145	18.507	ug/l	97
93) 1,2,4-Trichlorobenzene	13.835	180	59582	19.337	ug/l	99
94) Hexachlorobutadiene	14.018	225	32256	18.886	ug/l	100
95) Naphthalene	14.082	128	163471	17.677	ug/l	100
96) 1,2,3-Trichlorobenzene	14.327	180	59200	19.353	ug/l	98

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QLast Update : Fri Jan 20 01:04:16 2023
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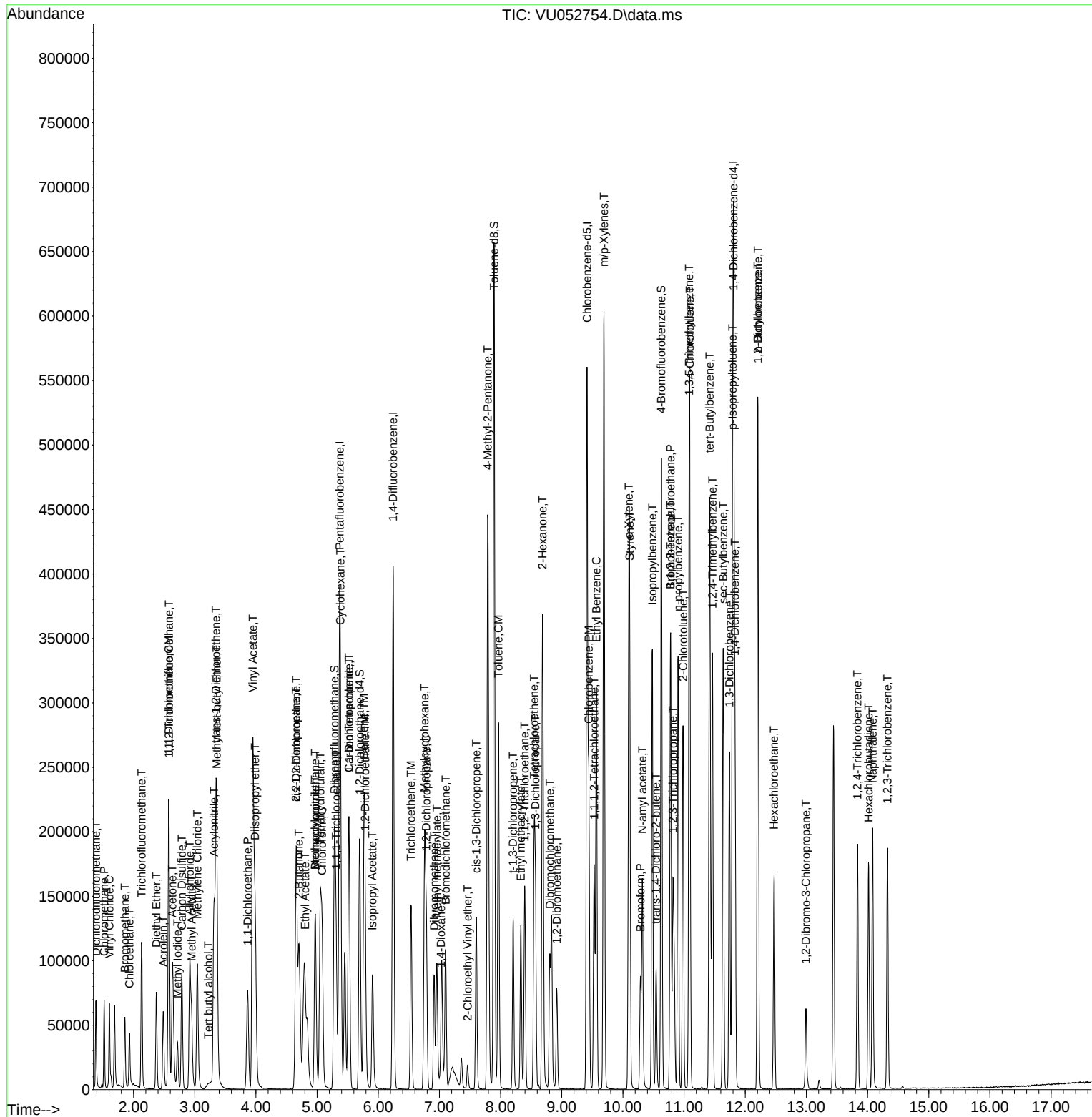
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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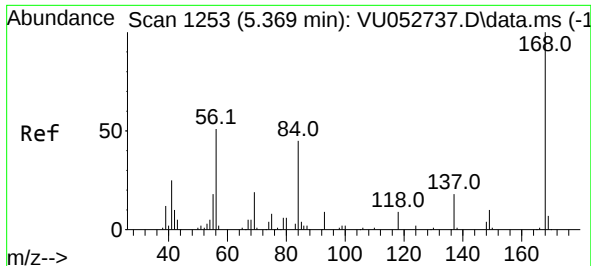
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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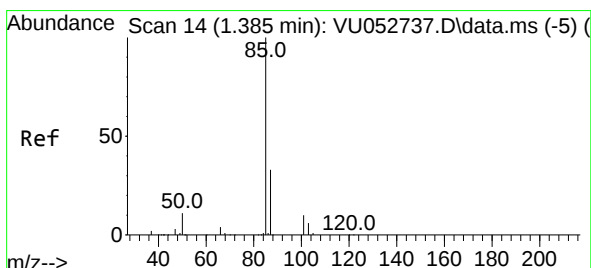
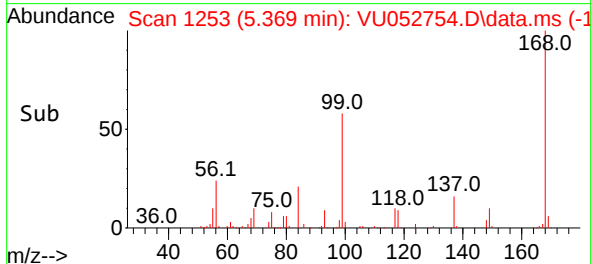
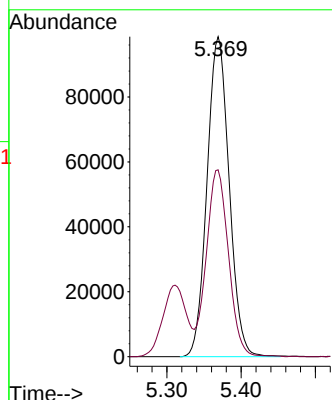
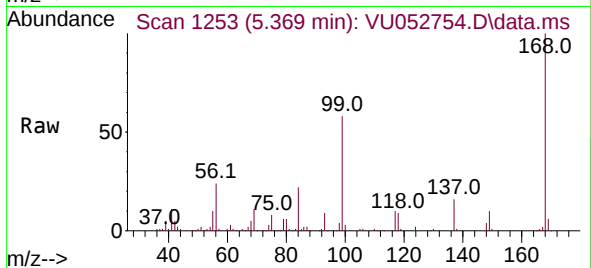




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. -0.000 min
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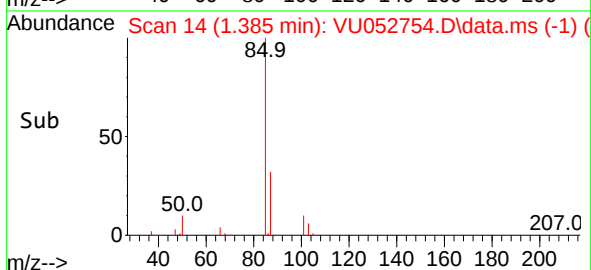
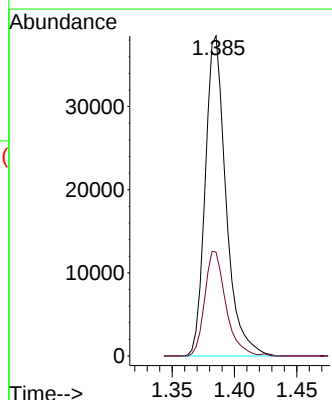
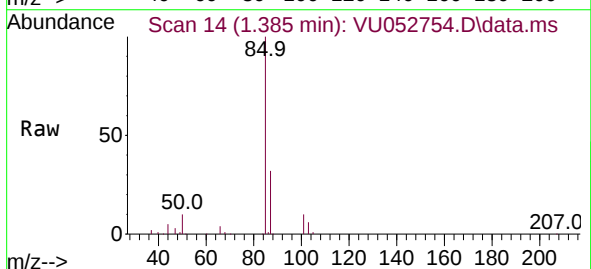
Instrument :
MSVOA_U
ClientSampleId :
VU0120WBS01

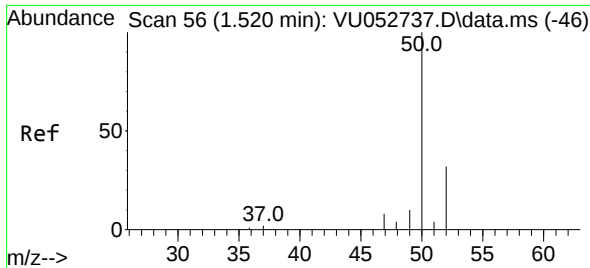
Tgt Ion:168 Resp: 203662
Ion Ratio Lower Upper
168 100
99 58.2 46.4 69.6



#2
Dichlorodifluoromethane
Concen: 18.581 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU052754.D
Acq: 20 Jan 2023 11:46

Tgt Ion: 85 Resp: 44623
Ion Ratio Lower Upper
85 100
87 32.4 16.6 49.7

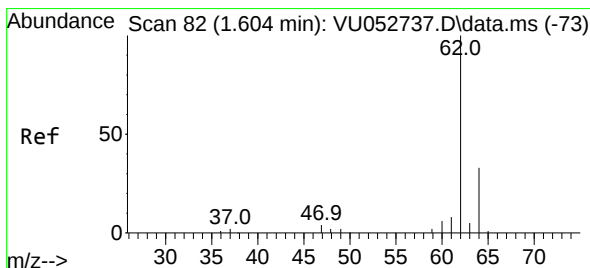
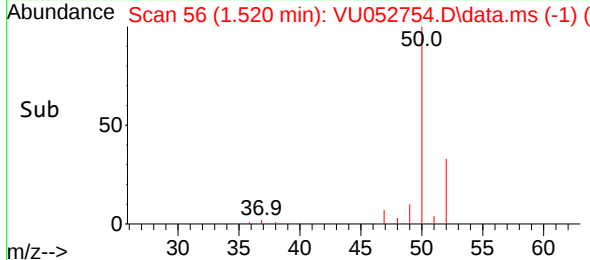
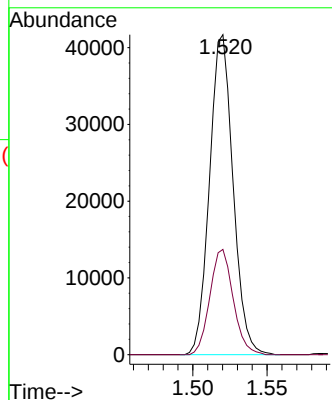
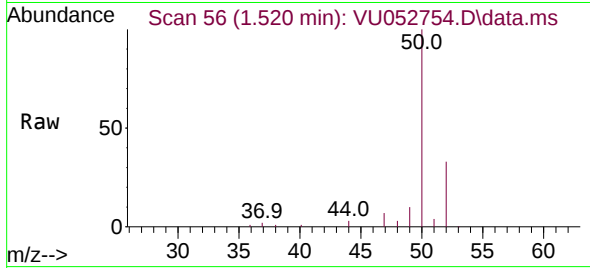




#3
Chloromethane
Concen: 18.605 ug/l
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU052754.D
Acq: 20 Jan 2023 11:46

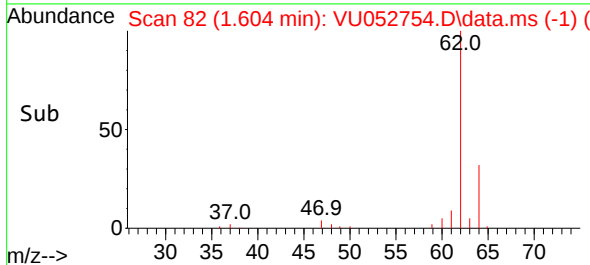
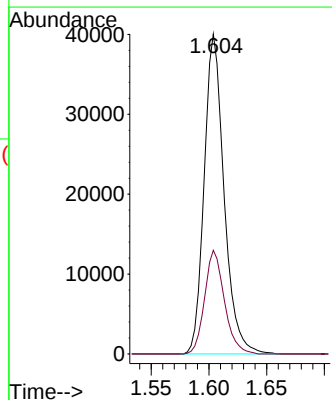
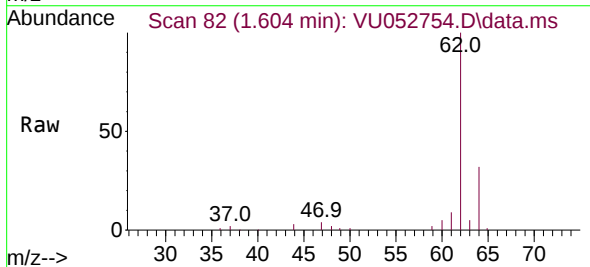
Instrument :
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ClientSampleId :
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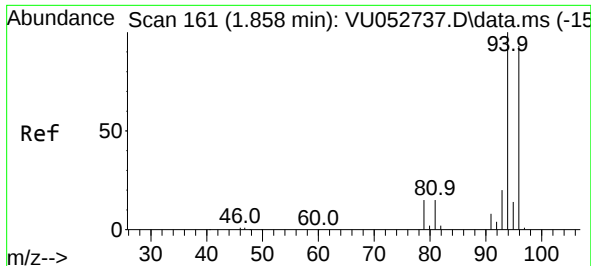
Tgt Ion: 50 Resp: 45895
Ion Ratio Lower Upper
50 100
52 32.9 25.8 38.6



#4
Vinyl Chloride
Concen: 19.450 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU052754.D
Acq: 20 Jan 2023 11:46

Tgt Ion: 62 Resp: 47853
Ion Ratio Lower Upper
62 100
64 32.4 26.1 39.1

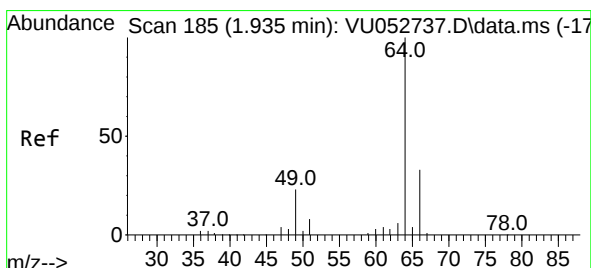
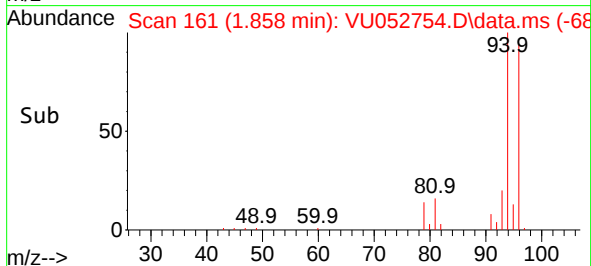
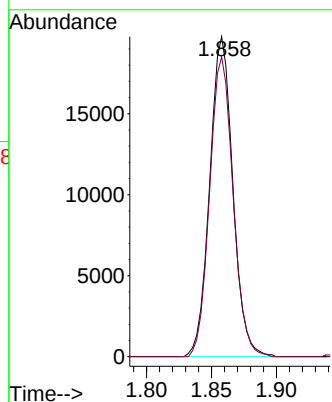
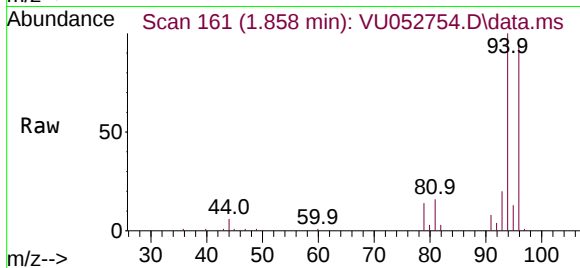




#5
Bromomethane
Concen: 20.152 ug/l
RT: 1.858 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU052754.D
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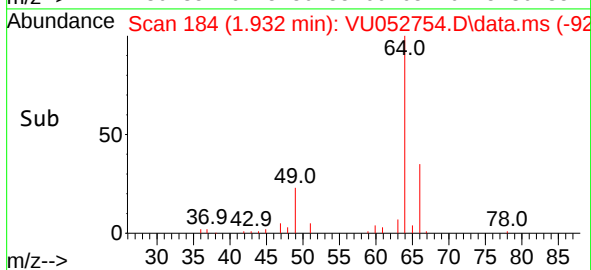
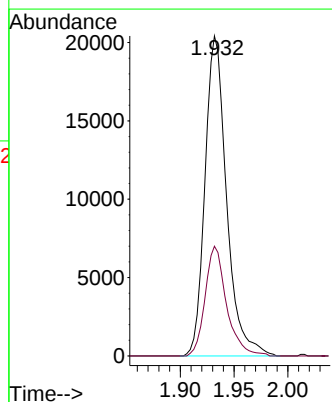
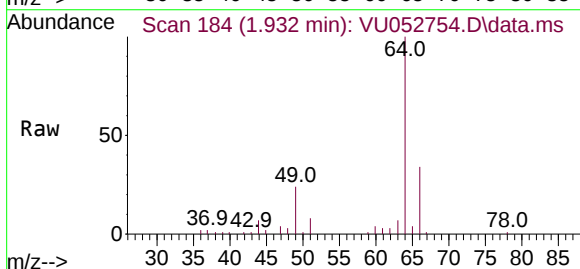
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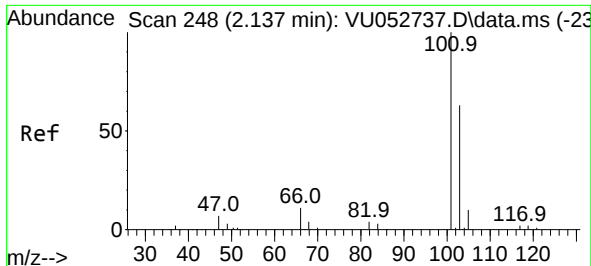
Tgt Ion: 94 Resp: 24476
Ion Ratio Lower Upper
94 100
96 93.7 74.3 111.5



#6
Chloroethane
Concen: 18.362 ug/l
RT: 1.932 min Scan# 184
Delta R.T. -0.003 min
Lab File: VU052754.D
Acq: 20 Jan 2023 11:46

Tgt Ion: 64 Resp: 28558
Ion Ratio Lower Upper
64 100
66 34.3 26.1 39.1

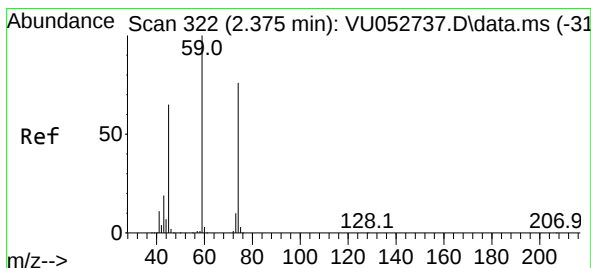
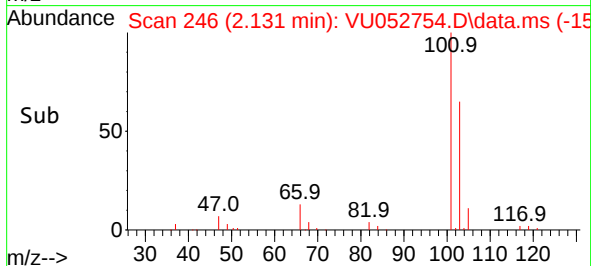
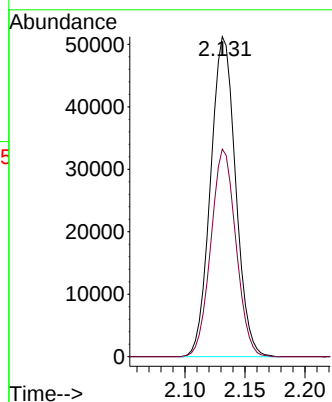
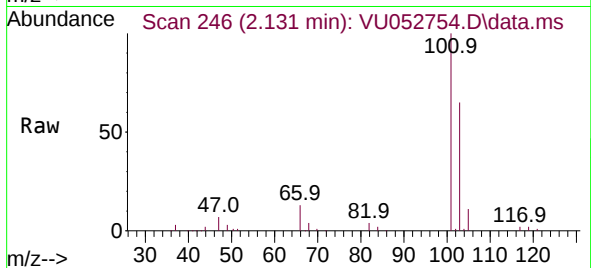




#7
 Trichlorofluoromethane
 Concen: 19.635 ug/l
 RT: 2.131 min Scan# 248
 Delta R.T. -0.006 min
 Lab File: VU052754.D
 Acq: 20 Jan 2023 11:46

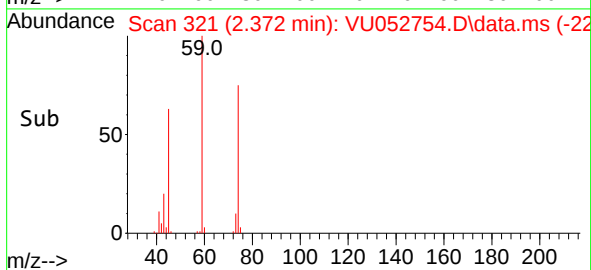
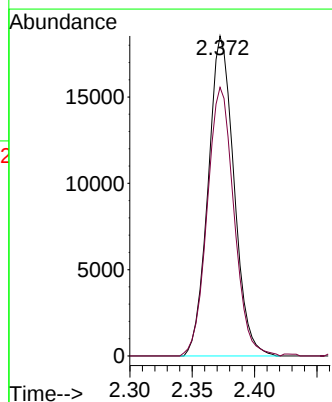
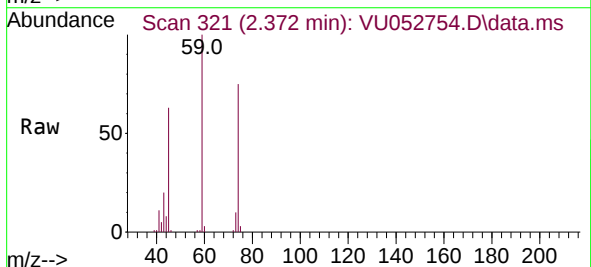
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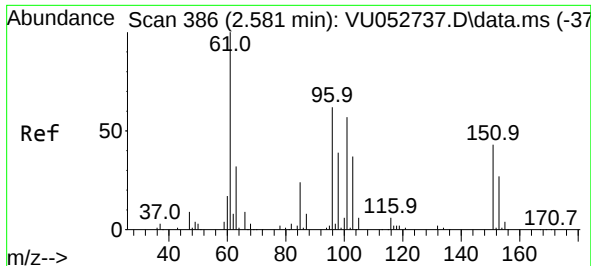
Tgt Ion:101 Resp: 74373
 Ion Ratio Lower Upper
 101 100
 103 64.9 50.7 76.1



#8
 Diethyl Ether
 Concen: 19.431 ug/l
 RT: 2.372 min Scan# 321
 Delta R.T. -0.003 min
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Tgt Ion: 74 Resp: 26791
 Ion Ratio Lower Upper
 74 100
 45 86.7 42.4 127.3

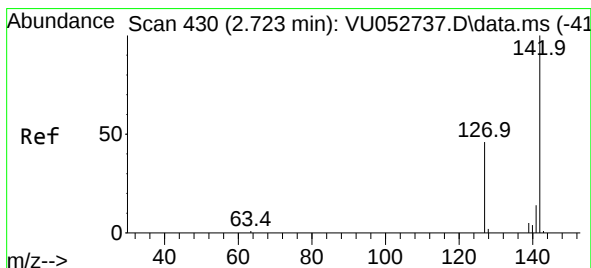
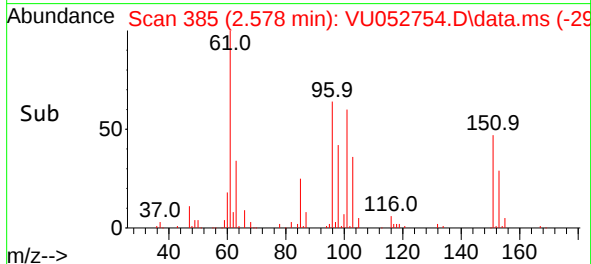
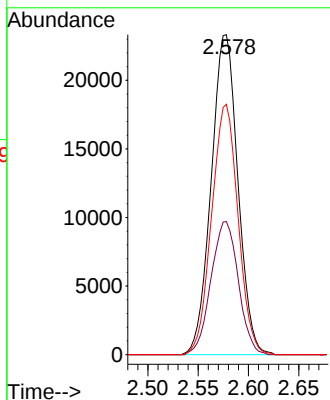
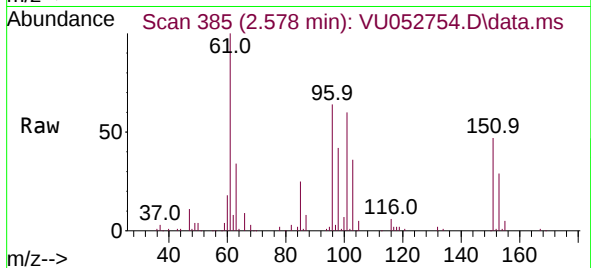




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.683 ug/l
RT: 2.578 min Scan# 386
Delta R.T. -0.003 min
Lab File: VU052754.D
Acq: 20 Jan 2023 11:46

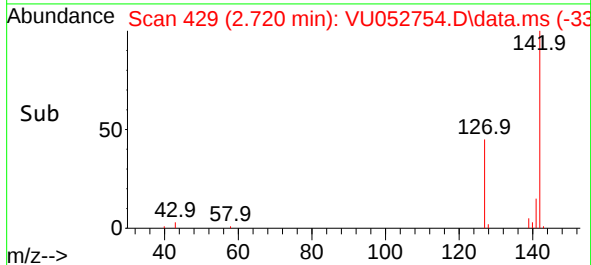
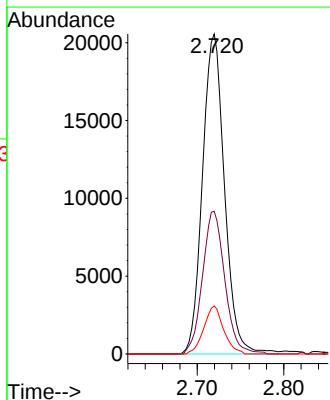
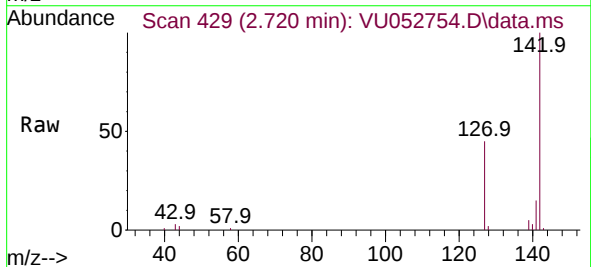
Instrument :
MSVOA_U
ClientSampleId :
VU0120WBS01

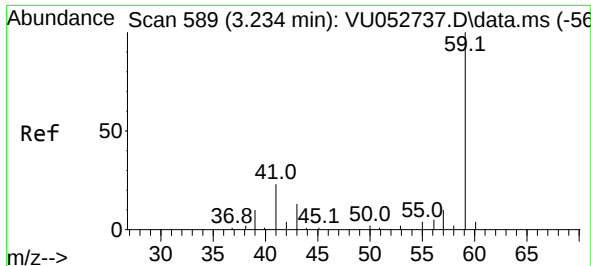
Tgt Ion:101 Resp: 43114
Ion Ratio Lower Upper
101 100
85 42.6 35.1 52.7
151 77.4 61.9 92.9



#10
Methyl Iodide
Concen: 21.334 ug/l
RT: 2.720 min Scan# 429
Delta R.T. -0.003 min
Lab File: VU052754.D
Acq: 20 Jan 2023 11:46

Tgt Ion:142 Resp: 36353
Ion Ratio Lower Upper
142 100
127 45.2 36.3 54.5
141 13.5 11.8 17.6





#11

Tert butyl alcohol

Concen: 11.699 ug/l

RT: 3.221 min Scan# 585

Delta R.T. -0.013 min

Lab File: VU052754.D

Acq: 20 Jan 2023 11:46

Instrument :

MSVOA_U

ClientSampleId :

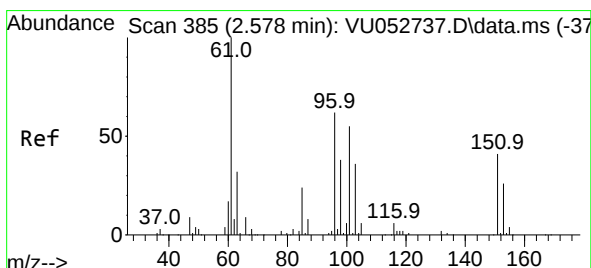
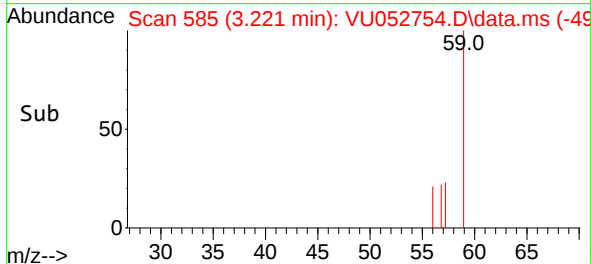
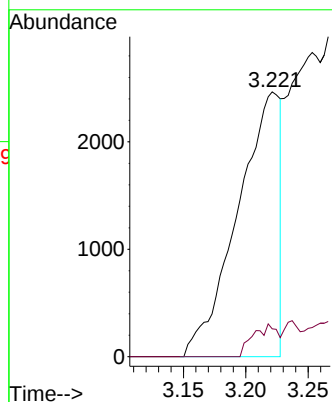
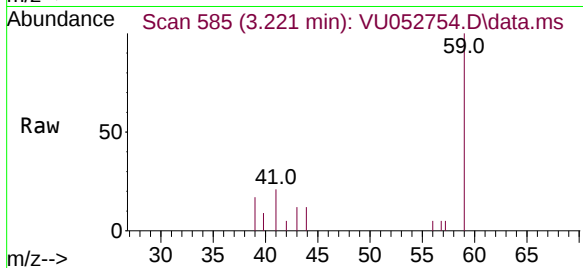
VU0120WBS01

Tgt Ion: 59 Resp: 5847

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 19.160 ug/l

RT: 2.575 min Scan# 384

Delta R.T. -0.003 min

Lab File: VU052754.D

Acq: 20 Jan 2023 11:46

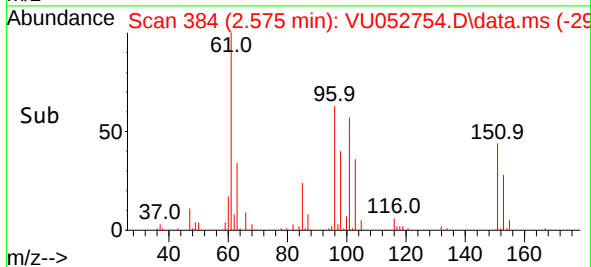
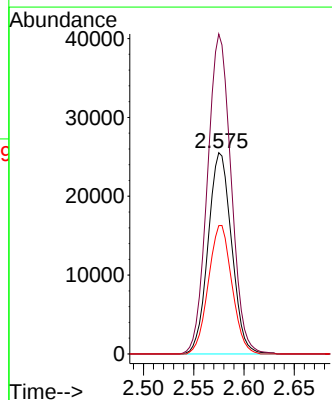
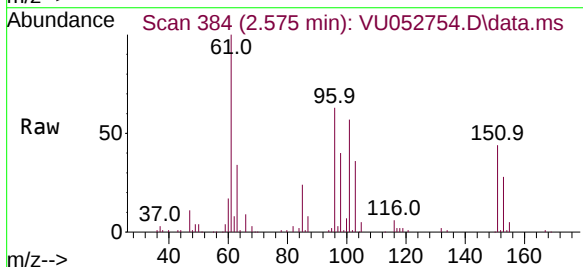
Tgt Ion: 96 Resp: 41507

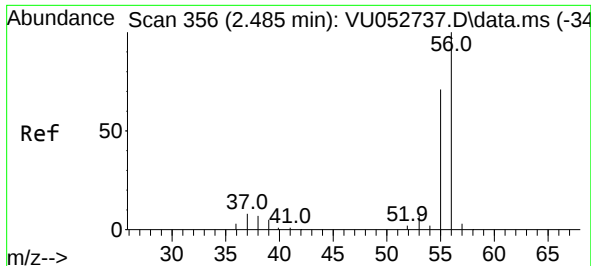
Ion Ratio Lower Upper

96 100

61 159.0 129.8 194.6

98 63.8 49.9 74.9

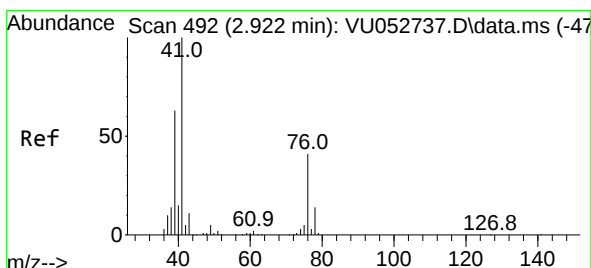
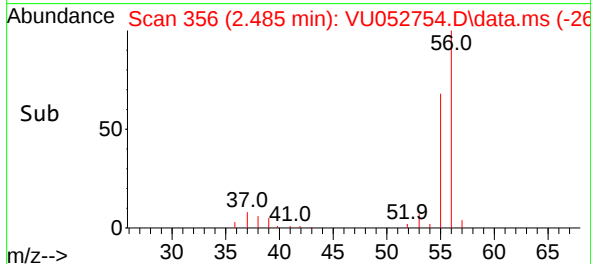
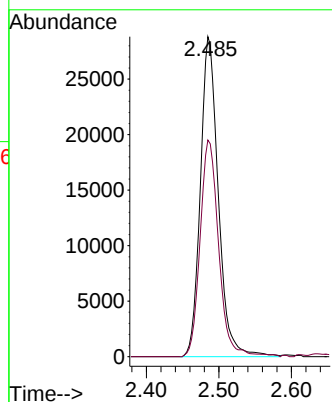
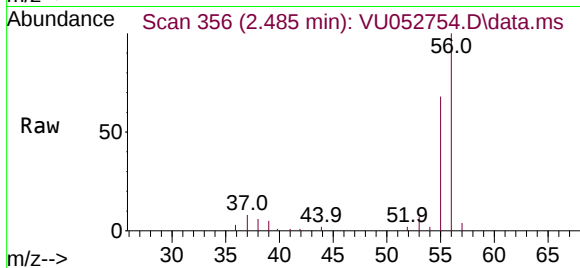




#13
Acrolein
Concen: 105.360 ug/l
RT: 2.485 min Scan# 356
Delta R.T. -0.000 min
Lab File: VU052754.D
Acq: 20 Jan 2023 11:46

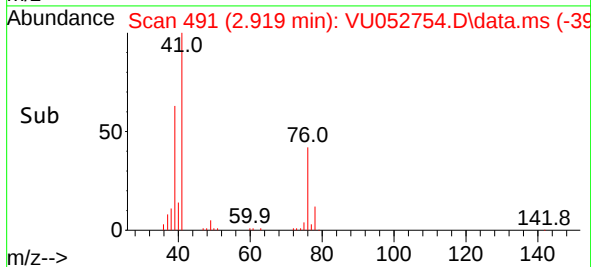
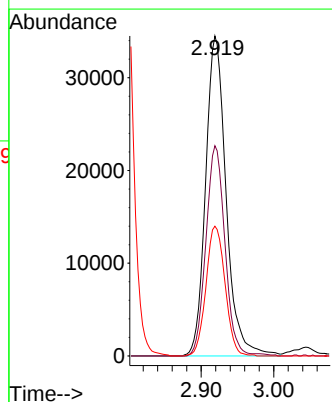
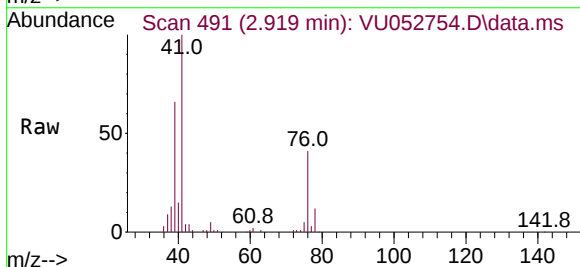
Instrument :
MSVOA_U
ClientSampleId :
VU0120WBS01

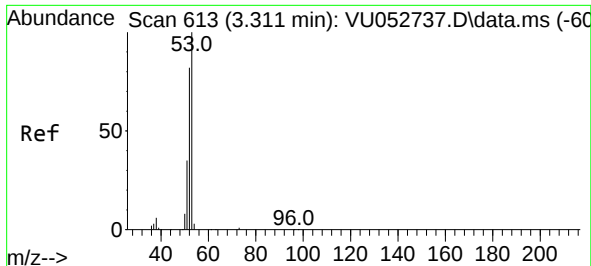
Tgt Ion: 56 Resp: 49463
Ion Ratio Lower Upper
56 100
55 70.2 57.2 85.8



#14
Allyl chloride
Concen: 19.894 ug/l
RT: 2.919 min Scan# 491
Delta R.T. -0.003 min
Lab File: VU052754.D
Acq: 20 Jan 2023 11:46

Tgt Ion: 41 Resp: 67883
Ion Ratio Lower Upper
41 100
39 61.1 48.2 72.2
76 37.7 29.4 44.0





#15

Acrylonitrile

Concen: 94.384 ug/l

RT: 3.314 min Scan# 613

Delta R.T. 0.003 min

Lab File: VU052754.D

Acq: 20 Jan 2023 11:46

Instrument :

MSVOA_U

ClientSampleId :

VU0120WBS01

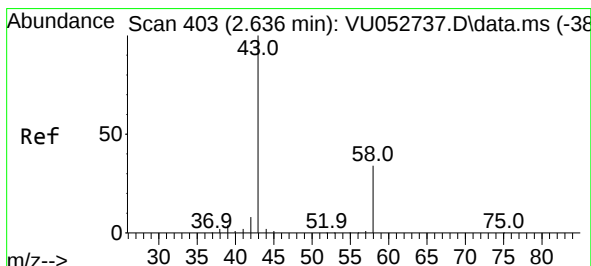
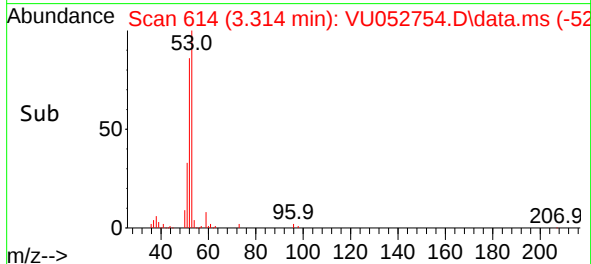
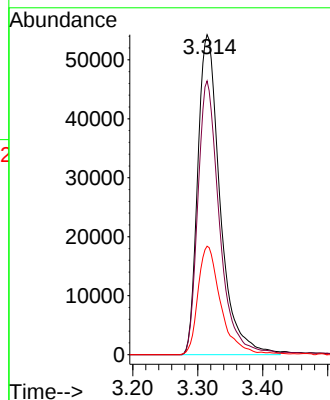
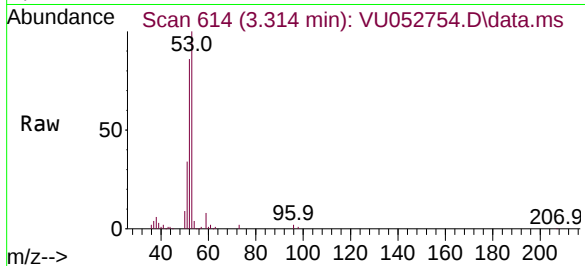
Tgt Ion: 53 Resp: 130153

Ion Ratio Lower Upper

53 100

52 82.3 64.9 97.3

51 34.7 27.6 41.4



#16

Acetone

Concen: 98.268 ug/l

RT: 2.636 min Scan# 403

Delta R.T. 0.000 min

Lab File: VU052754.D

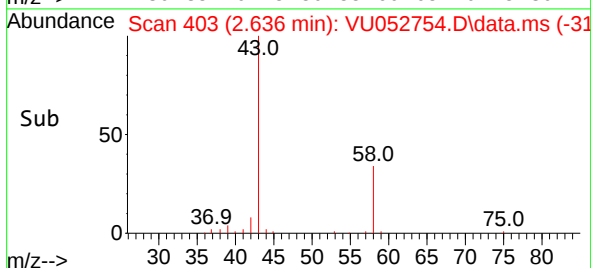
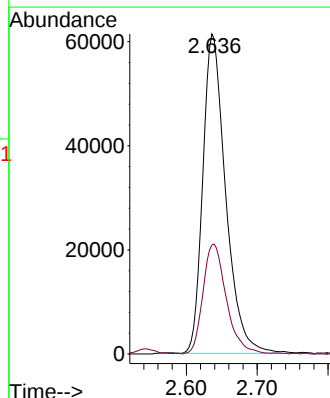
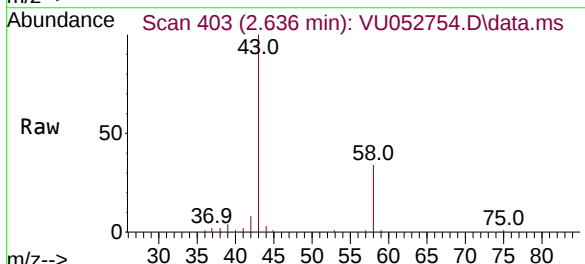
Acq: 20 Jan 2023 11:46

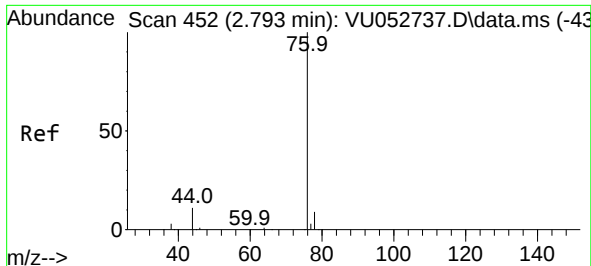
Tgt Ion: 43 Resp: 137370

Ion Ratio Lower Upper

43 100

58 34.0 27.1 40.7

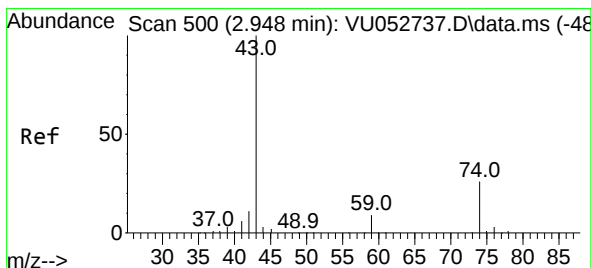
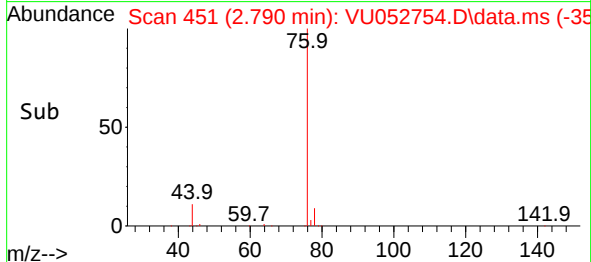
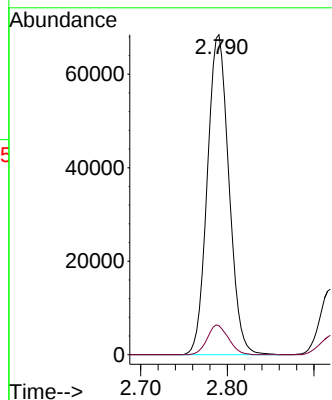
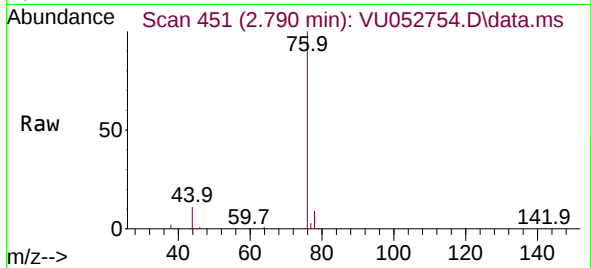




#17
Carbon Disulfide
Concen: 18.259 ug/l
RT: 2.790 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU052754.D
Acq: 20 Jan 2023 11:46

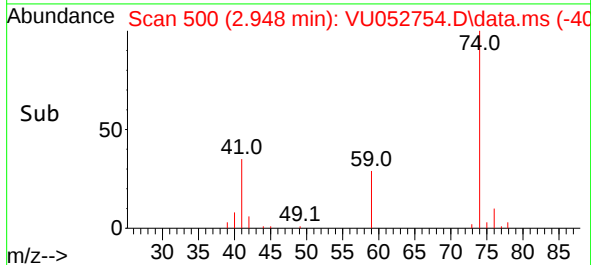
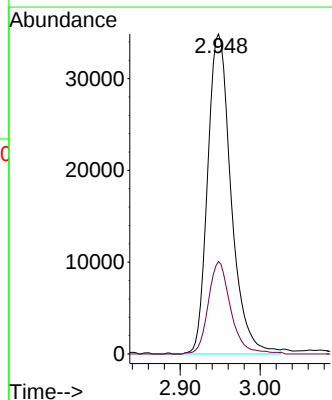
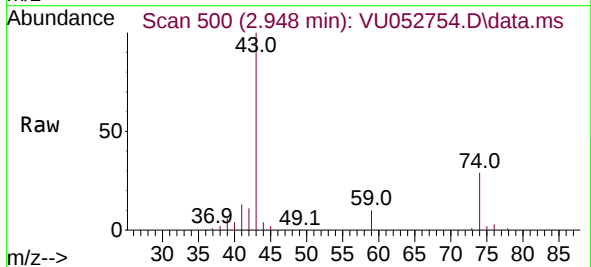
Instrument :
MSVOA_U
ClientSampleId :
VU0120WBS01

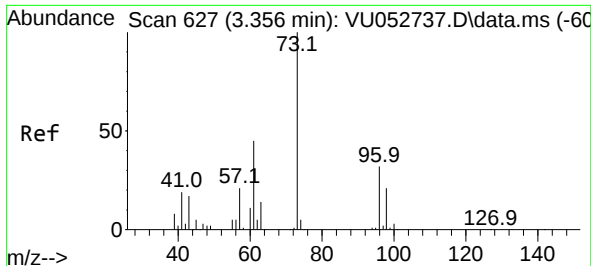
Tgt Ion: 76 Resp: 118518
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2



#18
Methyl Acetate
Concen: 18.407 ug/l
RT: 2.948 min Scan# 500
Delta R.T. 0.000 min
Lab File: VU052754.D
Acq: 20 Jan 2023 11:46

Tgt Ion: 43 Resp: 71215
Ion Ratio Lower Upper
43 100
74 27.6 21.1 31.7





#19

Methyl tert-butyl Ether

Concen: 20.002 ug/l

RT: 3.359 min Scan# 61

Delta R.T. 0.003 min

Lab File: VU052754.D

Acq: 20 Jan 2023 11:46

Instrument :

MSVOA_U

ClientSampleId :

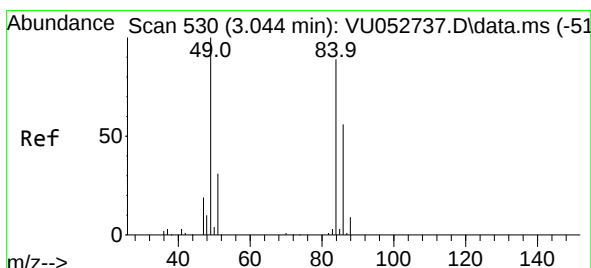
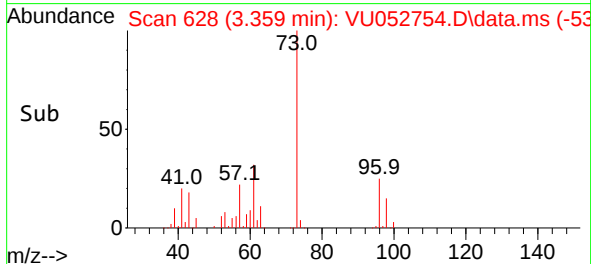
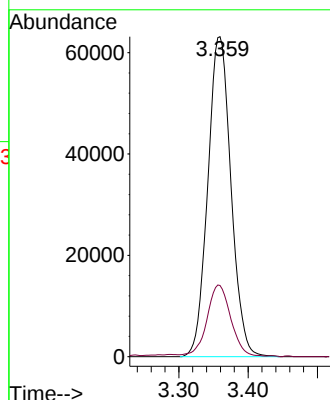
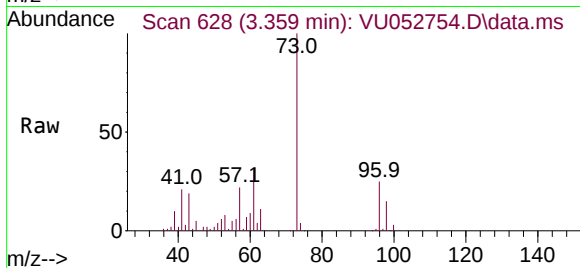
VU0120WBS01

Tgt Ion: 73 Resp: 146801

Ion Ratio Lower Upper

73 100

57 22.2 16.9 25.3



#20

Methylene Chloride

Concen: 19.616 ug/l

RT: 3.041 min Scan# 529

Delta R.T. -0.003 min

Lab File: VU052754.D

Acq: 20 Jan 2023 11:46

Tgt Ion: 84 Resp: 51458

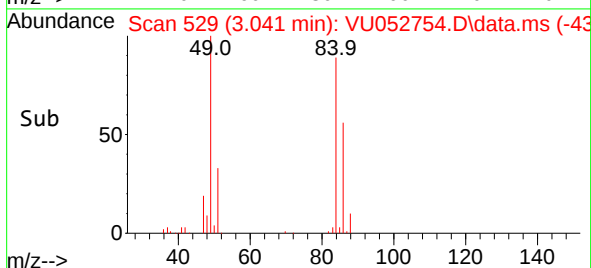
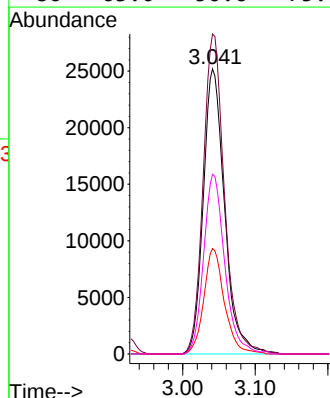
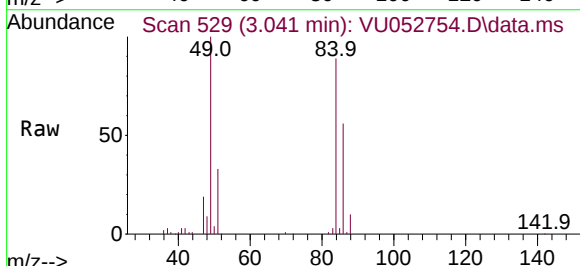
Ion Ratio Lower Upper

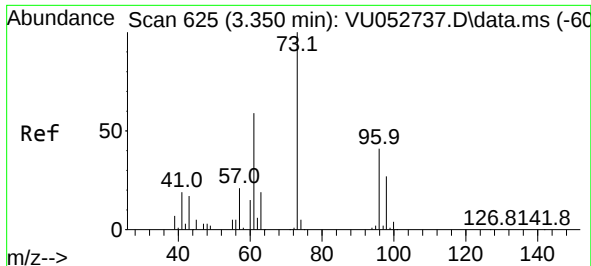
84 100

49 112.2 90.2 135.4

51 37.0 28.1 42.1

86 63.0 50.6 75.8

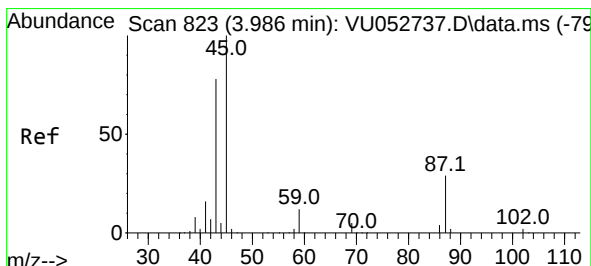
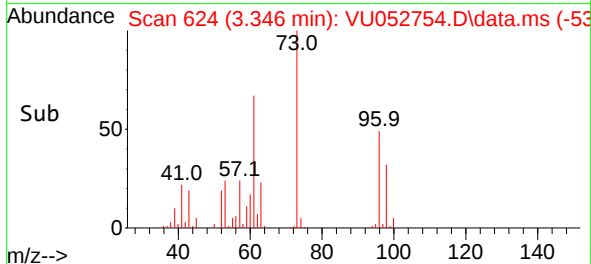
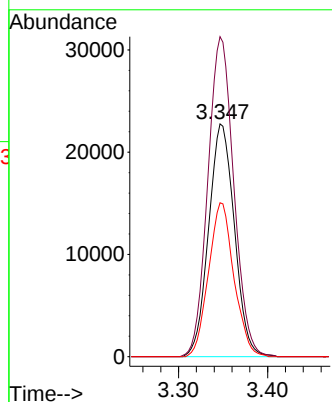
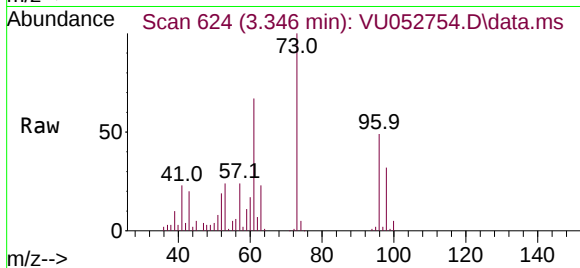




#21
trans-1,2-Dichloroethene
Concen: 19.588 ug/l
RT: 3.346 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU052754.D
Acq: 20 Jan 2023 11:46

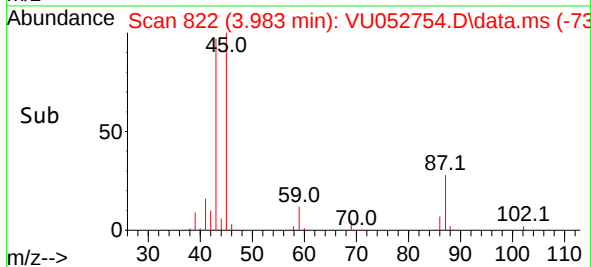
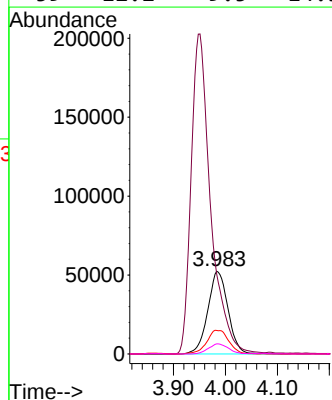
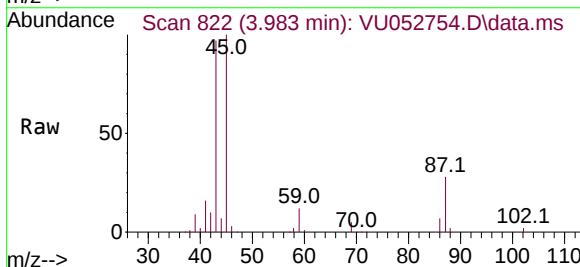
Instrument :
MSVOA_U
ClientSampleId :
VU0120WBS01

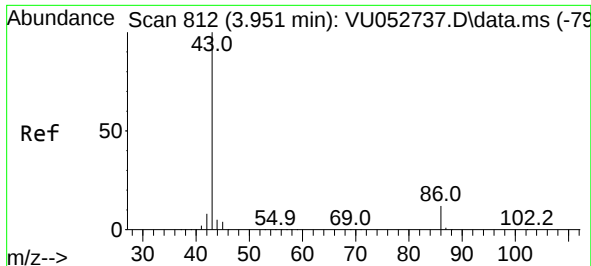
Tgt Ion: 96 Resp: 45744
Ion Ratio Lower Upper
96 100
61 137.4 114.7 172.1
98 66.1 52.4 78.6



#22
Diisopropyl ether
Concen: 19.908 ug/l
RT: 3.983 min Scan# 822
Delta R.T. -0.003 min
Lab File: VU052754.D
Acq: 20 Jan 2023 11:46

Tgt Ion: 45 Resp: 141264
Ion Ratio Lower Upper
45 100
43 95.5 64.6 97.0
87 28.4 23.2 34.8
59 12.2 9.5 14.3

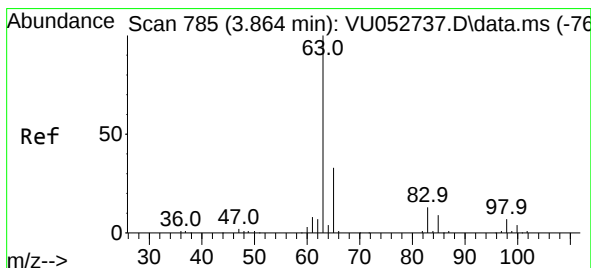
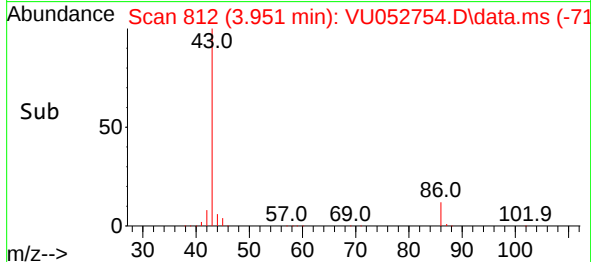
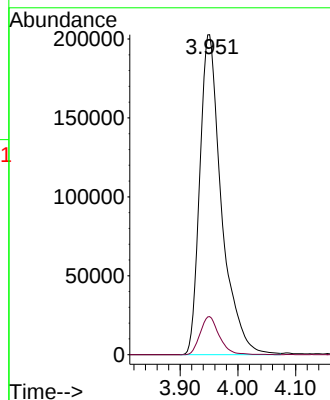
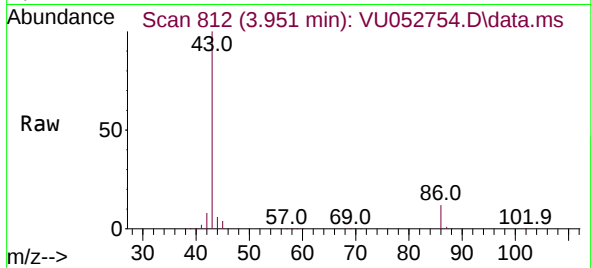




#23
 Vinyl Acetate
 Concen: 97.234 ug/l
 RT: 3.951 min Scan# 812
 Delta R.T. 0.000 min
 Lab File: VU052754.D
 Acq: 20 Jan 2023 11:46

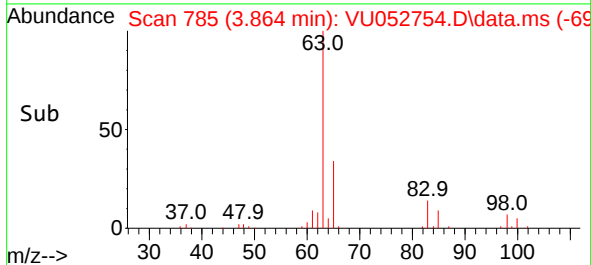
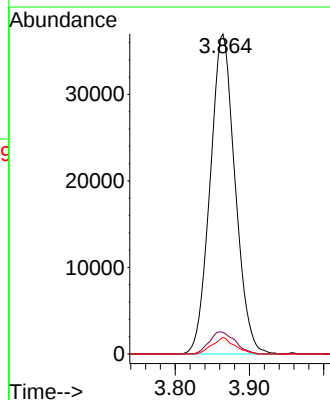
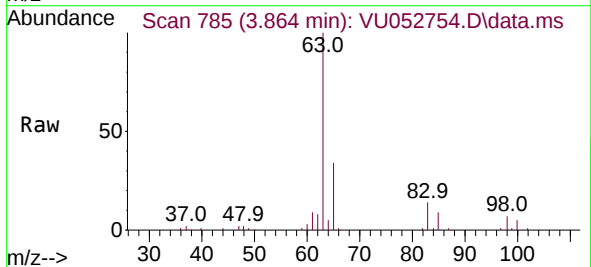
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0120WBS01

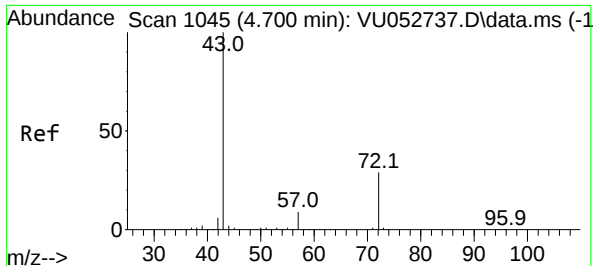
Tgt Ion: 43 Resp: 529415
 Ion Ratio Lower Upper
 43 100
 86 11.9 9.4 14.0



#24
 1,1-Dichloroethane
 Concen: 19.178 ug/l
 RT: 3.864 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VU052754.D
 Acq: 20 Jan 2023 11:46

Tgt Ion: 63 Resp: 86311
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.6 10.9
 100 5.1 2.2 6.6





#25

2-Butanone

Concen: 96.052 ug/l

RT: 4.703 min Scan# 1046

Delta R.T. 0.003 min

Lab File: VU052754.D

Acq: 20 Jan 2023 11:46

Instrument :

MSVOA_U

ClientSampleId :

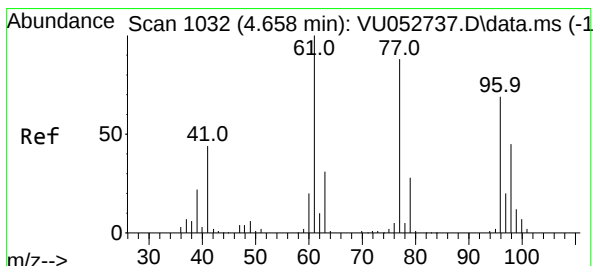
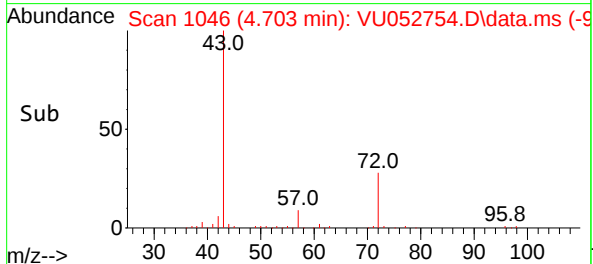
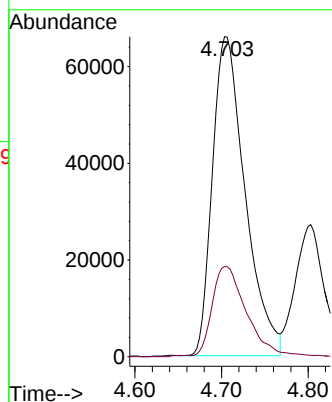
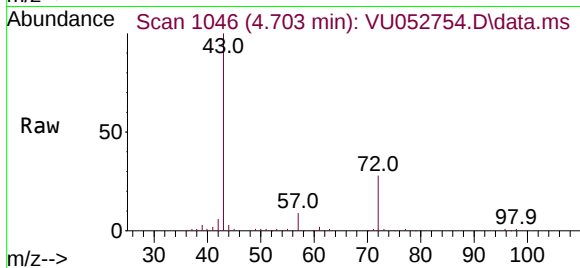
VU0120WBS01

Tgt Ion: 43 Resp: 173169

Ion Ratio Lower Upper

43 100

72 27.8 23.3 34.9



#26

2,2-Dichloropropane

Concen: 19.831 ug/l

RT: 4.658 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VU052754.D

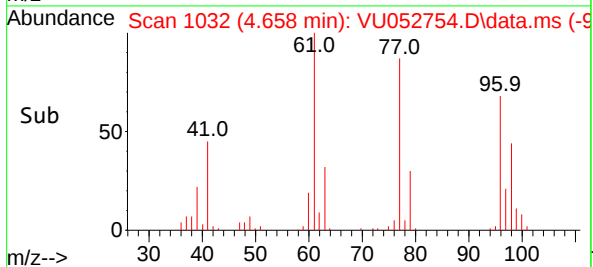
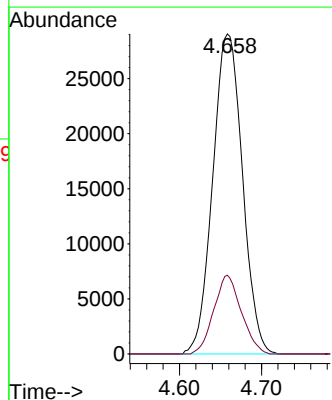
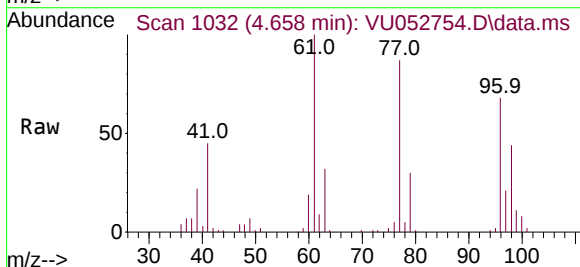
Acq: 20 Jan 2023 11:46

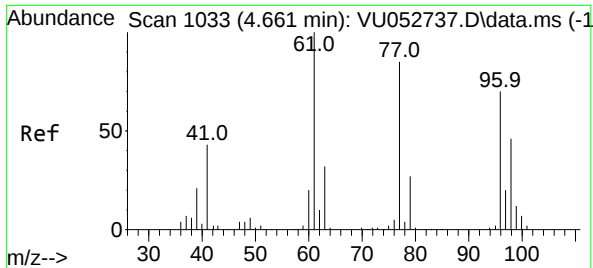
Tgt Ion: 77 Resp: 73218

Ion Ratio Lower Upper

77 100

97 22.8 11.3 33.8

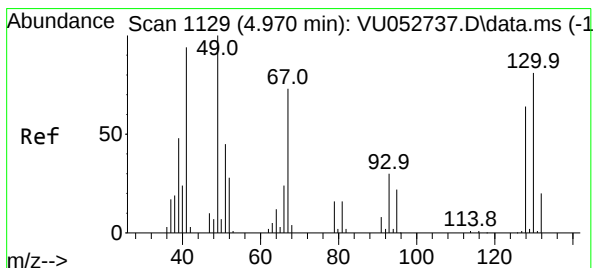
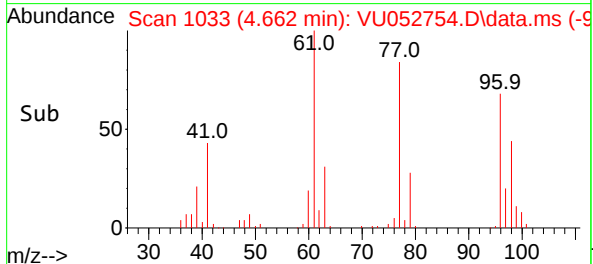
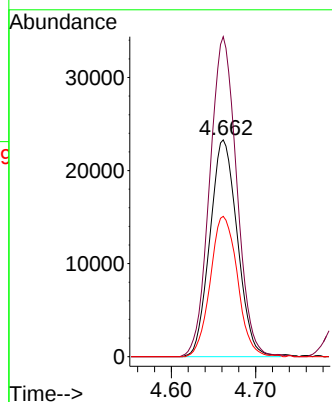
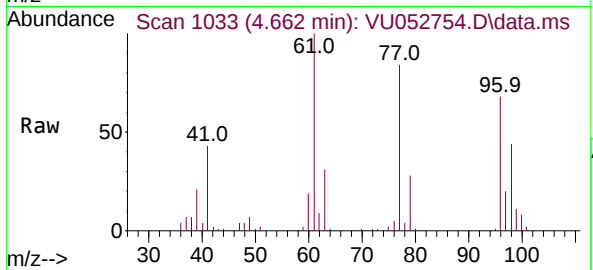




#27
cis-1,2-Dichloroethene
Concen: 20.536 ug/l
RT: 4.662 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VU052754.D
Acq: 20 Jan 2023 11:46

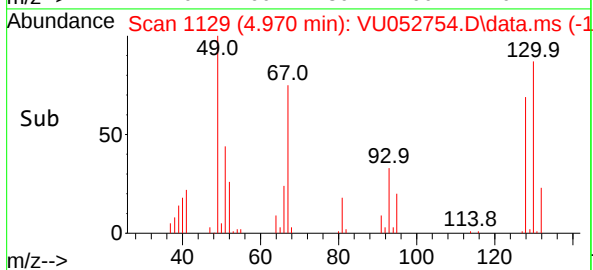
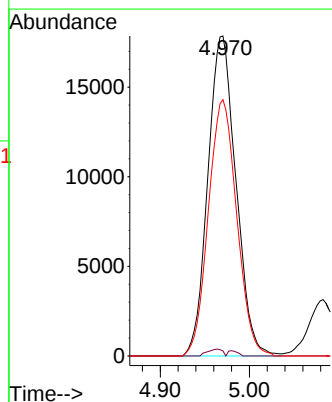
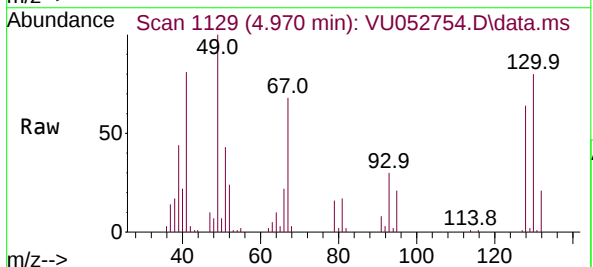
Instrument :
MSVOA_U
ClientSampleId :
VU0120WBS01

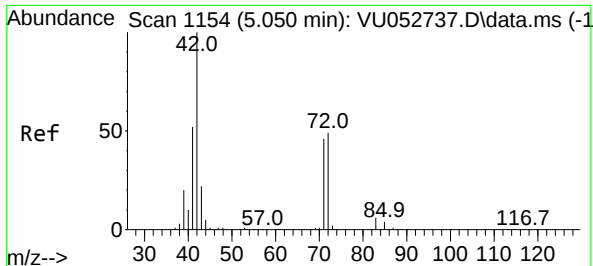
Tgt Ion: 96 Resp: 52645
Ion Ratio Lower Upper
96 100
61 145.6 0.0 287.2
98 64.1 0.0 128.4



#28
Bromochloromethane
Concen: 20.829 ug/l
RT: 4.970 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VU052754.D
Acq: 20 Jan 2023 11:46

Tgt Ion: 49 Resp: 39130
Ion Ratio Lower Upper
49 100
129 1.1 0.0 4.6
130 80.8 65.5 98.3

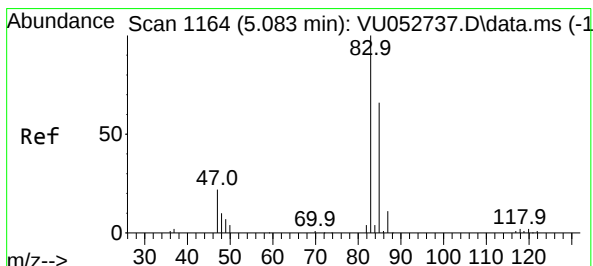
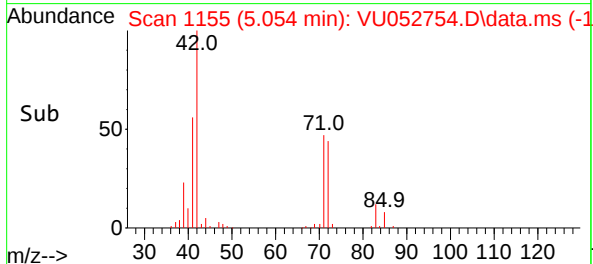
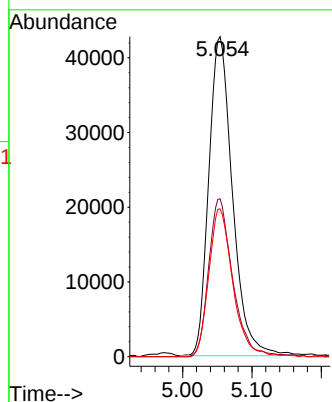
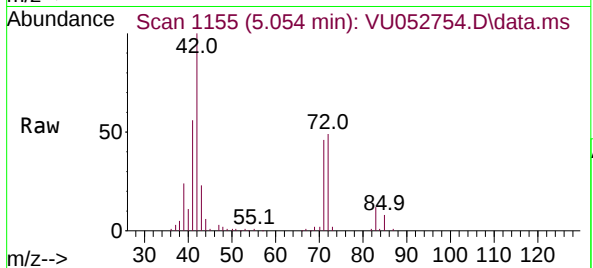




#29
Tetrahydrofuran
Concen: 96.609 ug/l
RT: 5.054 min Scan# 1155
Delta R.T. 0.003 min
Lab File: VU052754.D
Acq: 20 Jan 2023 11:46

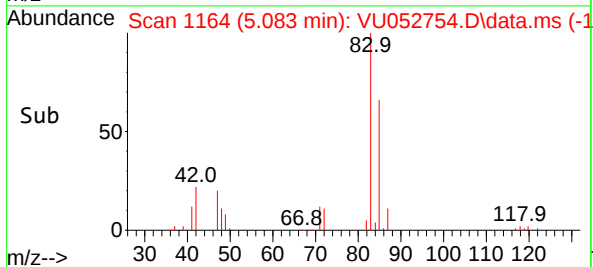
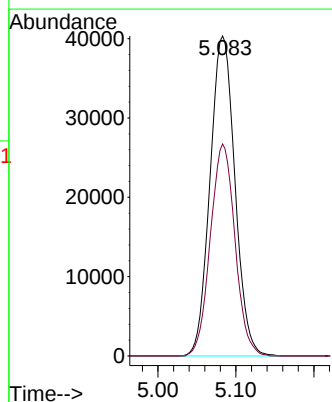
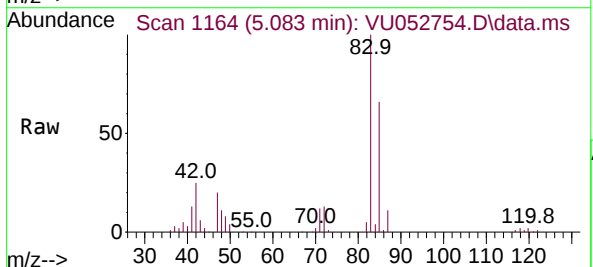
Instrument :
MSVOA_U
ClientSampleId :
VU0120WBS01

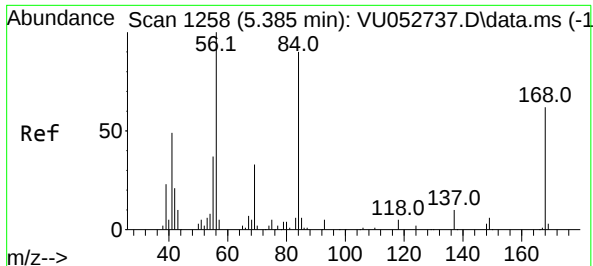
Tgt Ion: 42 Resp: 101108
Ion Ratio Lower Upper
42 100
72 50.2 40.5 60.7
71 46.7 37.4 56.0



#30
Chloroform
Concen: 18.621 ug/l
RT: 5.083 min Scan# 1164
Delta R.T. 0.000 min
Lab File: VU052754.D
Acq: 20 Jan 2023 11:46

Tgt Ion: 83 Resp: 89581
Ion Ratio Lower Upper
83 100
85 66.2 52.6 79.0

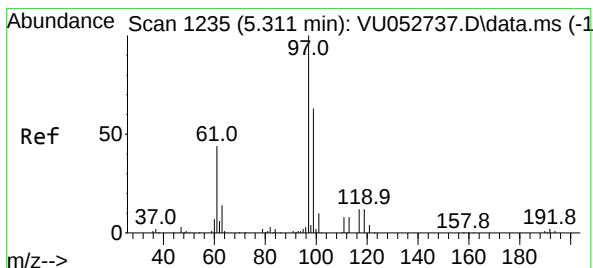
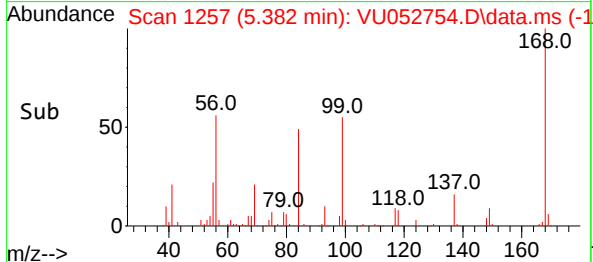
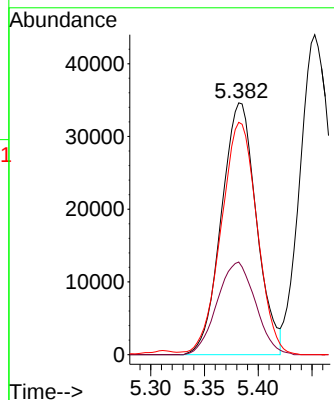
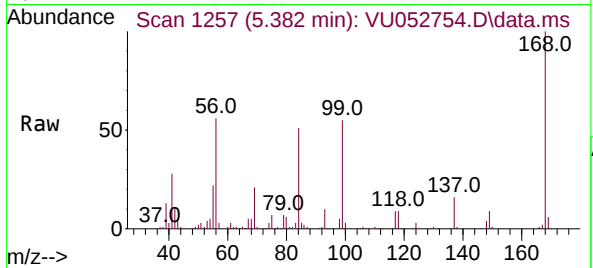




#31
Cyclohexane
Concen: 19.130 ug/l
RT: 5.382 min Scan# 1258
Delta R.T. -0.003 min
Lab File: VU052754.D
Acq: 20 Jan 2023 11:46

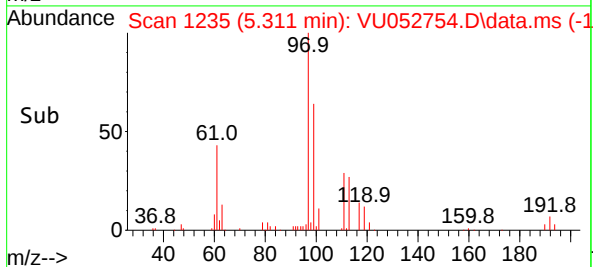
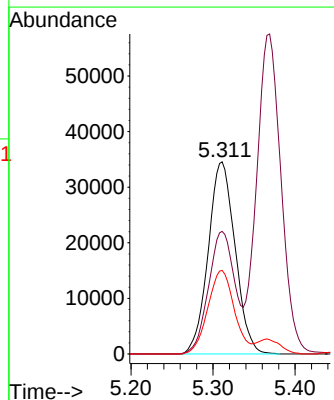
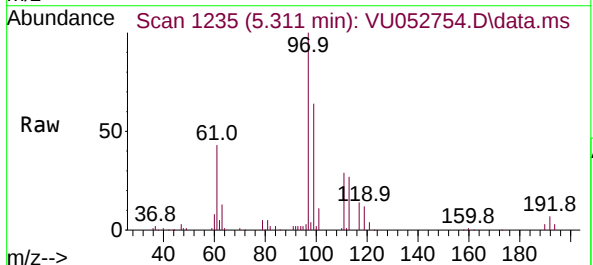
Instrument :
MSVOA_U
ClientSampleId :
VU0120WBS01

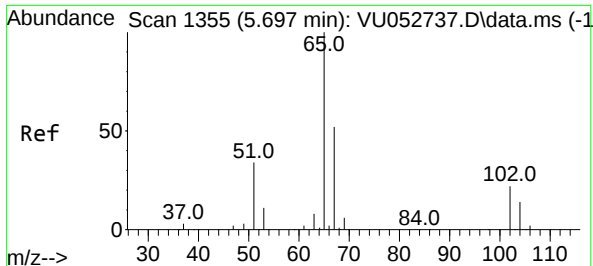
Tgt Ion: 56 Resp: 78624
Ion Ratio Lower Upper
56 100
69 36.8 26.2 39.2
84 91.2 72.2 108.4



#32
1,1,1-Trichloroethane
Concen: 19.995 ug/l
RT: 5.311 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VU052754.D
Acq: 20 Jan 2023 11:46

Tgt Ion: 97 Resp: 78791
Ion Ratio Lower Upper
97 100
99 62.6 50.5 75.7
61 42.8 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 50.216 ug/l

RT: 5.697 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU052754.D

Acq: 20 Jan 2023 11:46

Instrument :

MSVOA_U

ClientSampleId :

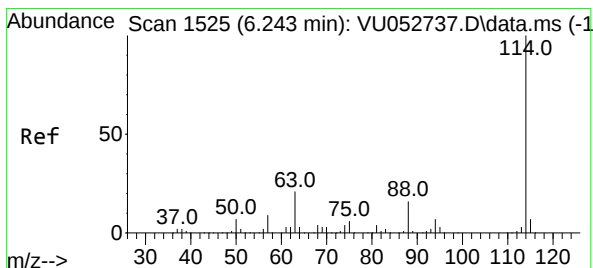
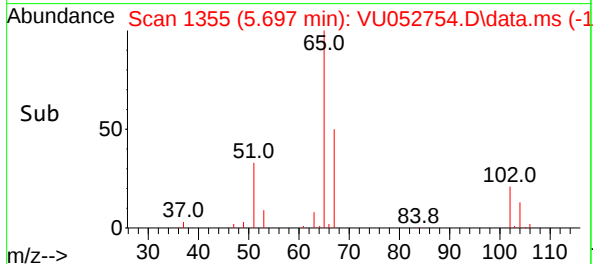
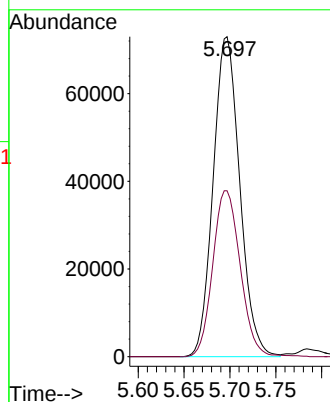
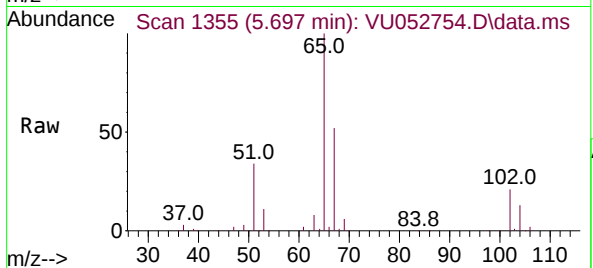
VU0120WBS01

Tgt Ion: 65 Resp: 147289

Ion Ratio Lower Upper

65 100

67 53.7 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.243 min Scan# 1525

Delta R.T. 0.000 min

Lab File: VU052754.D

Acq: 20 Jan 2023 11:46

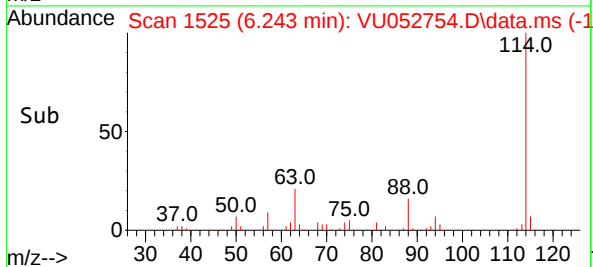
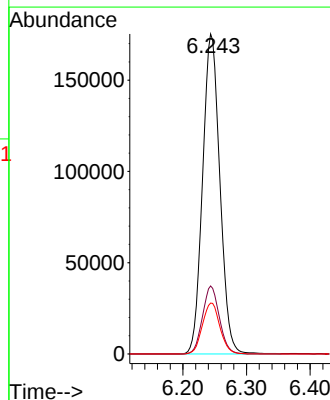
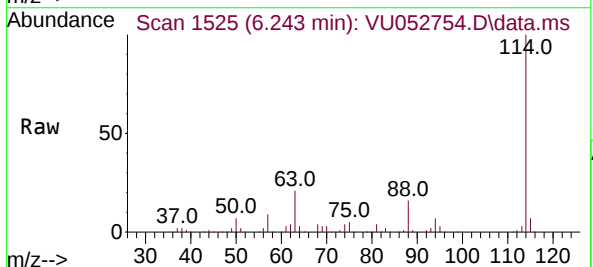
Tgt Ion: 114 Resp: 331038

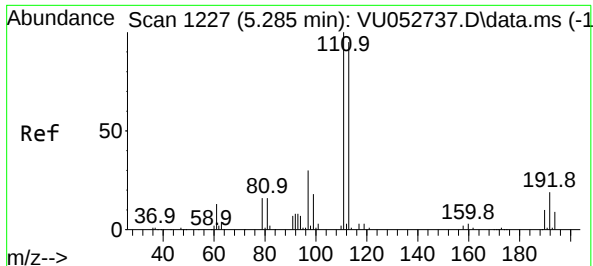
Ion Ratio Lower Upper

114 100

63 21.3 0.0 42.4

88 15.9 0.0 32.8

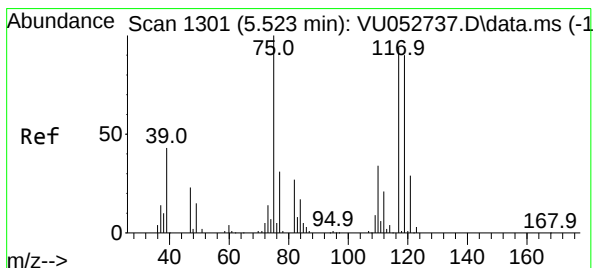
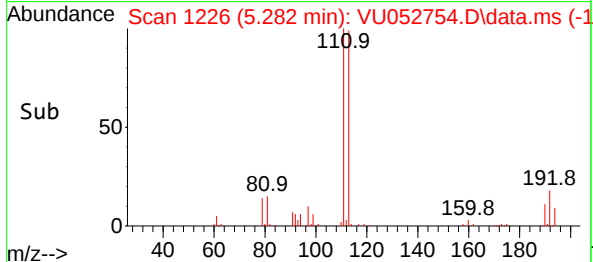
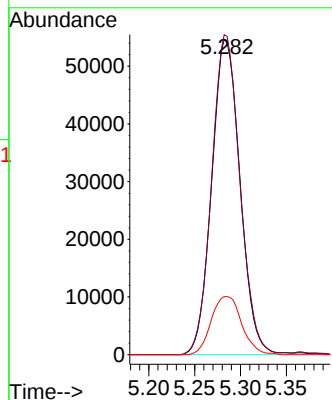
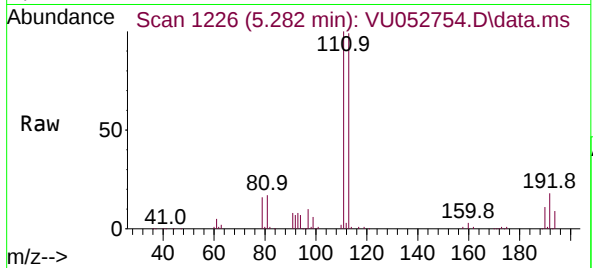




#35
Dibromofluoromethane
Concen: 50.888 ug/l
RT: 5.282 min Scan# 1110
Delta R.T. -0.003 min
Lab File: VU052754.D
Acq: 20 Jan 2023 11:46

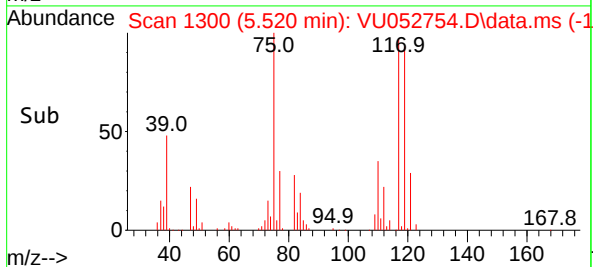
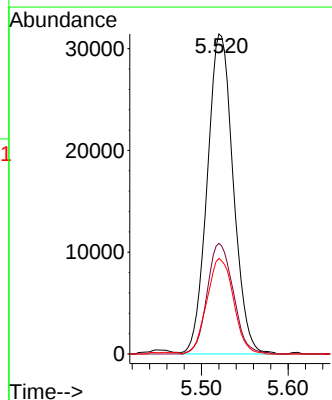
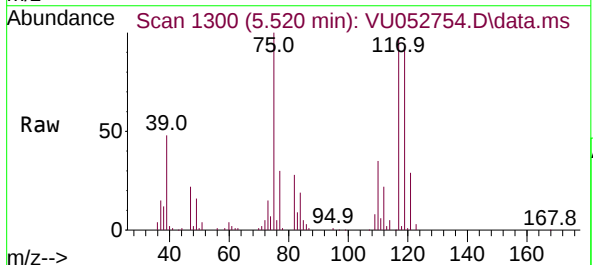
Instrument :
MSVOA_U
ClientSampleId :
VU0120WBS01

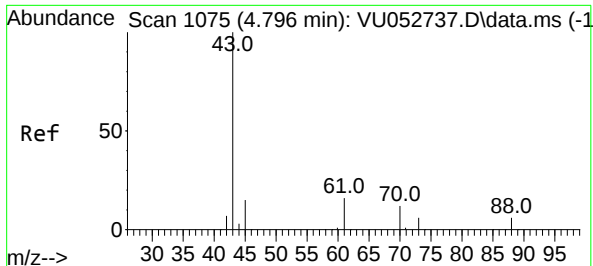
Tgt Ion:113 Resp: 117300
Ion Ratio Lower Upper
113 100
111 101.4 81.2 121.8
192 19.9 15.7 23.5



#36
1,1-Dichloropropene
Concen: 19.826 ug/l
RT: 5.520 min Scan# 1300
Delta R.T. -0.003 min
Lab File: VU052754.D
Acq: 20 Jan 2023 11:46

Tgt Ion: 75 Resp: 65569
Ion Ratio Lower Upper
75 100
110 34.7 17.1 51.2
77 30.5 25.0 37.4





#37

Ethyl Acetate

Concen: 17.580 ug/l

RT: 4.803 min Scan# 1075

Delta R.T. 0.007 min

Lab File: VU052754.D

Acq: 20 Jan 2023 11:46

Instrument :

MSVOA_U

ClientSampleId :

VU0120WBS01

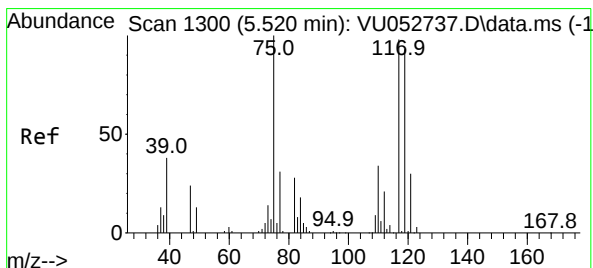
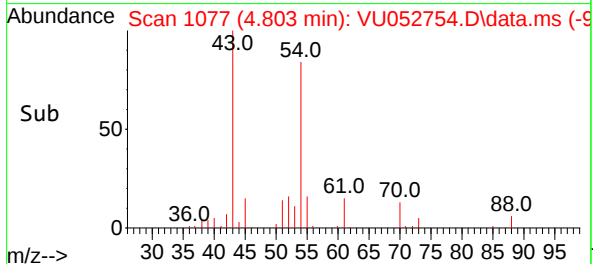
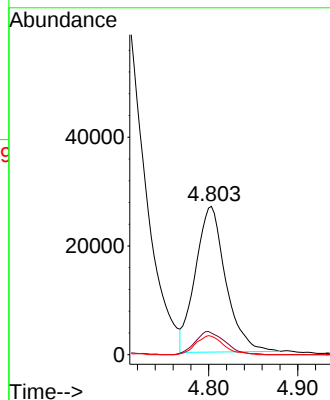
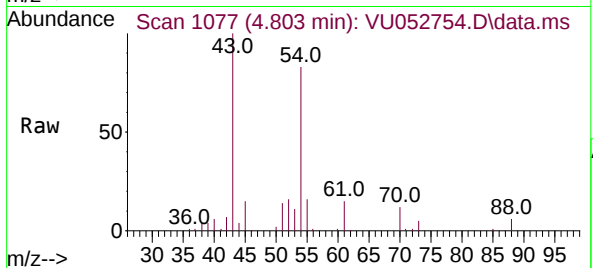
Tgt Ion: 43 Resp: 63204

Ion Ratio Lower Upper

43 100

61 15.8 12.2 18.4

70 12.1 8.9 13.3



#38

Carbon Tetrachloride

Concen: 19.596 ug/l

RT: 5.520 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VU052754.D

Acq: 20 Jan 2023 11:46

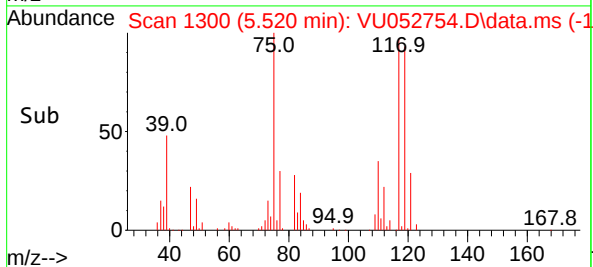
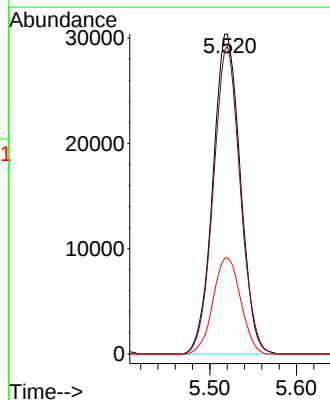
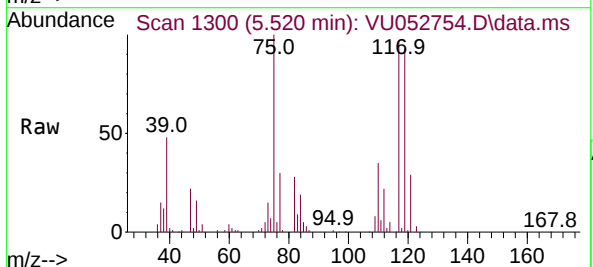
Tgt Ion: 117 Resp: 66677

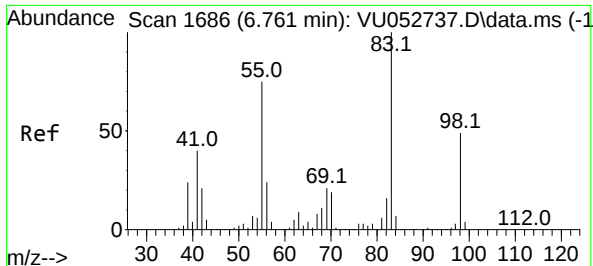
Ion Ratio Lower Upper

117 100

119 96.2 75.6 113.4

121 30.1 24.2 36.4





#39

Methylcyclohexane

Concen: 19.310 ug/l

RT: 6.758 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU052754.D

Acq: 20 Jan 2023 11:46

Instrument :

MSVOA_U

ClientSampleId :

VU0120WBS01

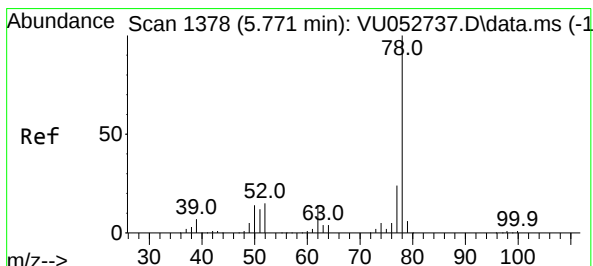
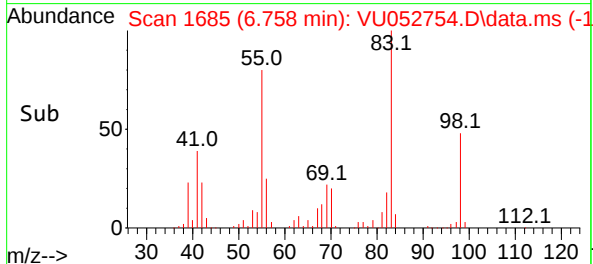
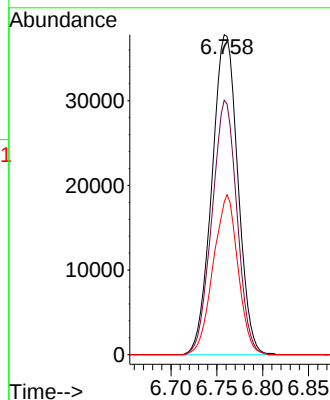
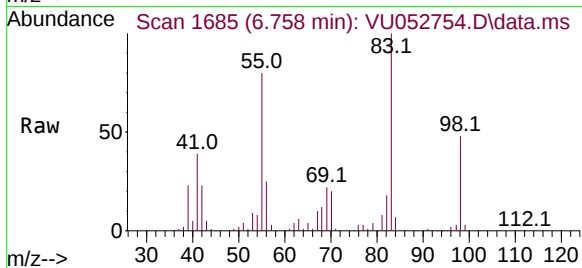
Tgt Ion: 83 Resp: 74316

Ion Ratio Lower Upper

83 100

55 79.6 60.4 90.6

98 47.7 38.9 58.3



#40

Benzene

Concen: 19.631 ug/l

RT: 5.768 min Scan# 1377

Delta R.T. -0.003 min

Lab File: VU052754.D

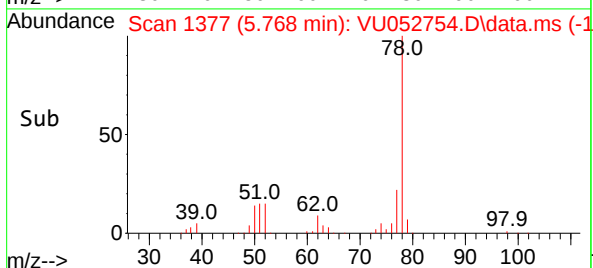
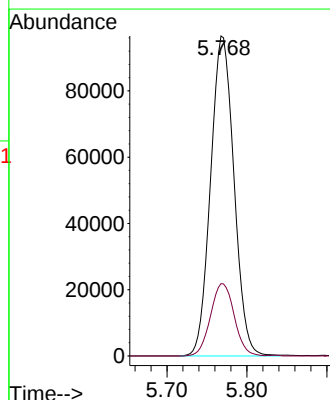
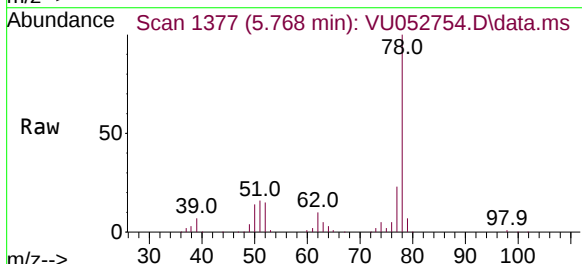
Acq: 20 Jan 2023 11:46

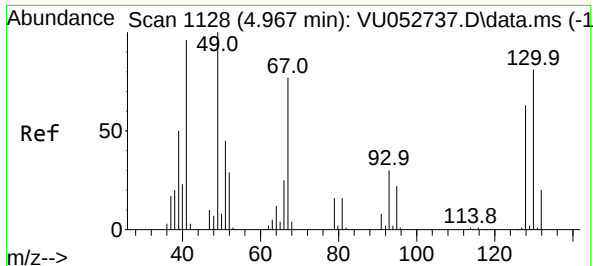
Tgt Ion: 78 Resp: 196041

Ion Ratio Lower Upper

78 100

77 22.6 18.9 28.3

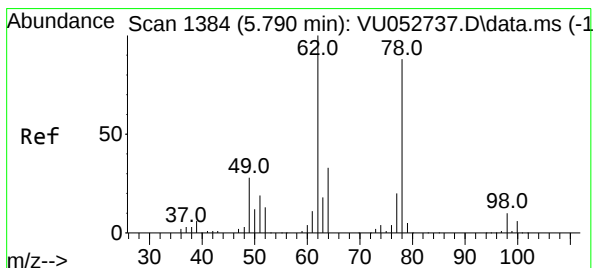
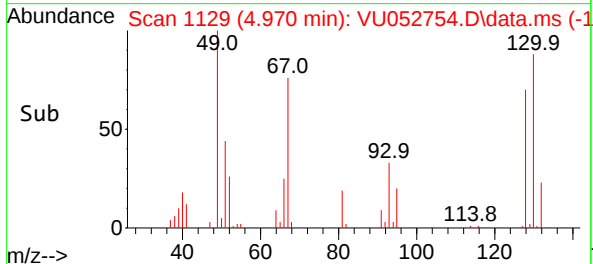
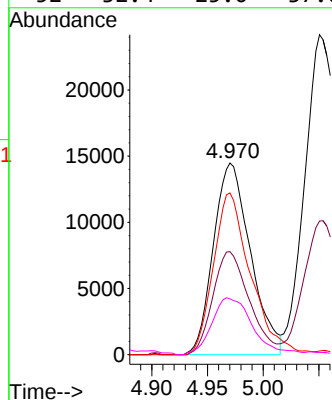
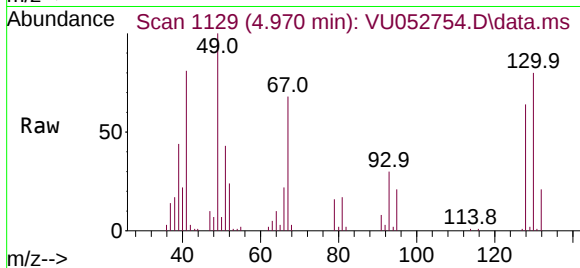




#41
Methacrylonitrile
Concen: 19.292 ug/l
RT: 4.970 min Scan# 1128
Delta R.T. 0.003 min
Lab File: VU052754.D
Acq: 20 Jan 2023 11:46

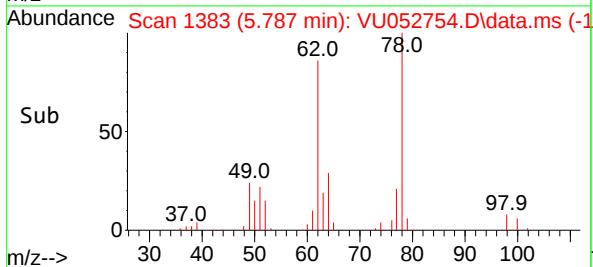
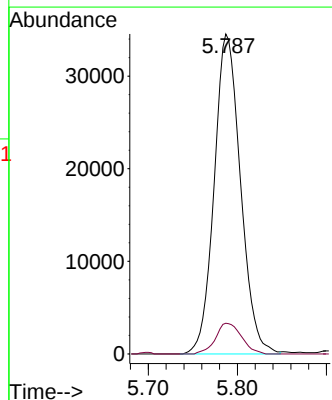
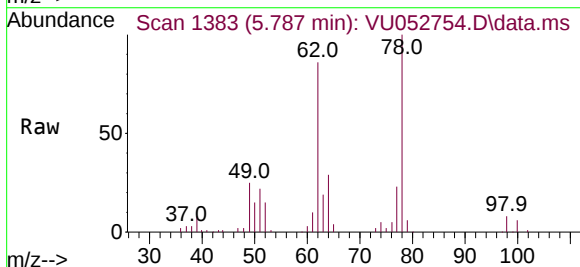
Instrument :
MSVOA_U
ClientSampleId :
VU0120WBS01

Tgt Ion: 41	Resp: 33553
Ion Ratio	Lower Upper
41 100	
39 52.6	42.2 63.2
67 84.8	65.0 97.6
52 32.4	25.0 37.6



#42
1,2-Dichloroethane
Concen: 19.671 ug/l
RT: 5.787 min Scan# 1383
Delta R.T. -0.003 min
Lab File: VU052754.D
Acq: 20 Jan 2023 11:46

Tgt Ion: 62	Resp: 70932
Ion Ratio	Lower Upper
62 100	
98 9.5	0.0 19.0

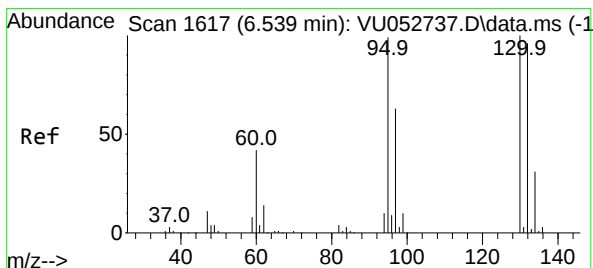
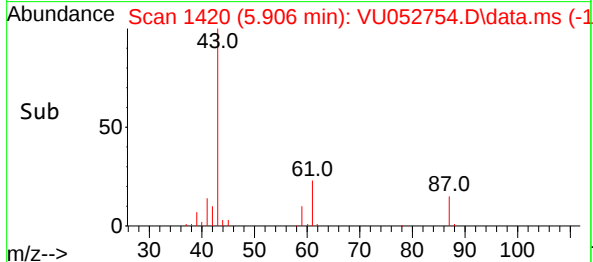
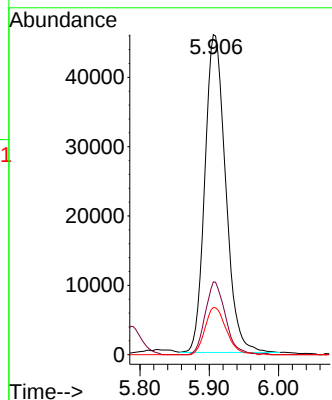
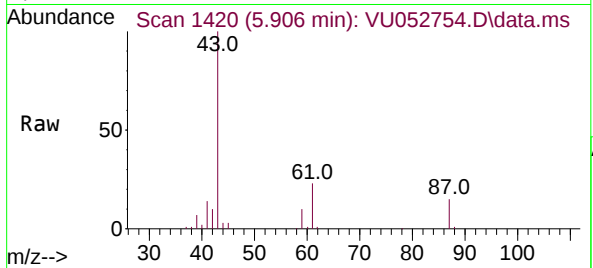




#43
Isopropyl Acetate
Concen: 19.041 ug/l
RT: 5.906 min Scan# 1420
Delta R.T. 0.000 min
Lab File: VU052754.D
Acq: 20 Jan 2023 11:46

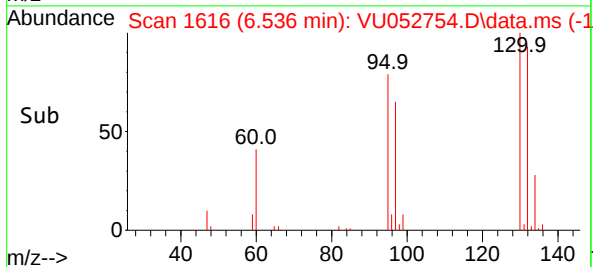
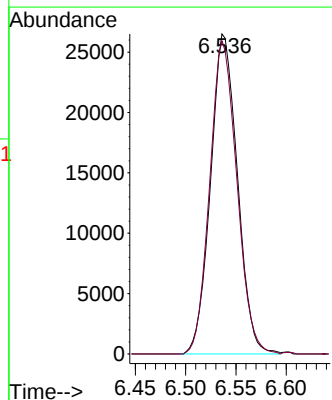
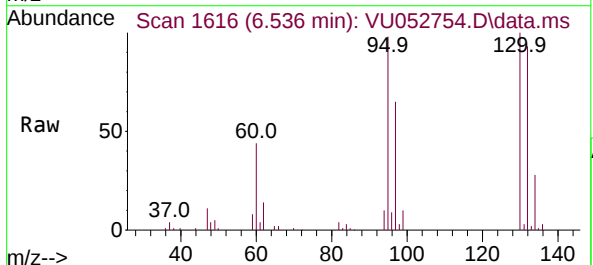
Instrument :
MSVOA_U
ClientSampleId :
VU0120WBS01

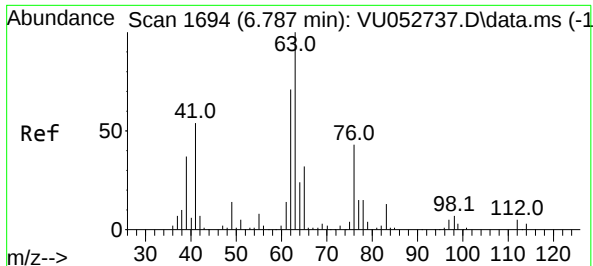
Tgt Ion:	43	Resp:	95420
Ion Ratio	Lower	Upper	
43	100		
61	22.3	18.1	27.1
87	15.2	11.7	17.5



#44
Trichloroethene
Concen: 19.940 ug/l
RT: 6.536 min Scan# 1616
Delta R.T. -0.003 min
Lab File: VU052754.D
Acq: 20 Jan 2023 11:46

Tgt Ion:	130	Resp:	49254
Ion Ratio	Lower	Upper	
130	100		
95	97.8	0.0	198.2





#45

1,2-Dichloropropane

Concen: 19.082 ug/l

RT: 6.784 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU052754.D

Acq: 20 Jan 2023 11:46

Instrument :

MSVOA_U

ClientSampleId :

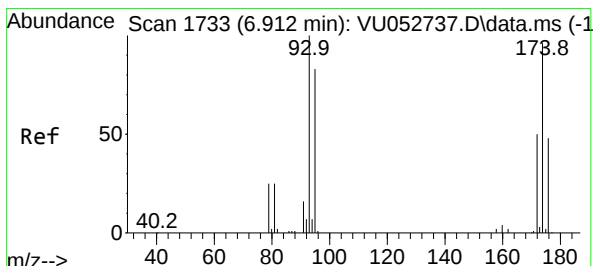
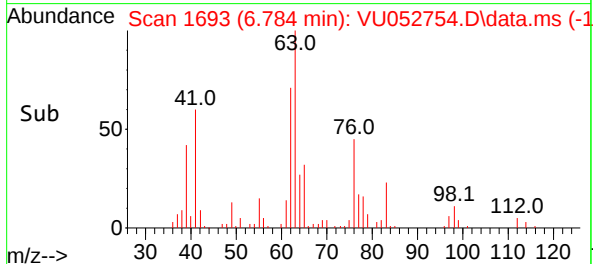
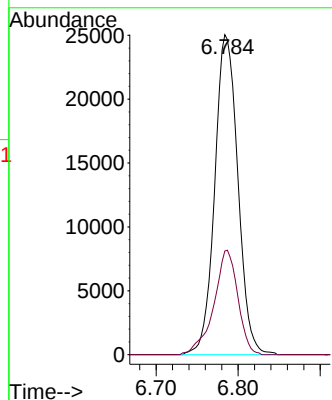
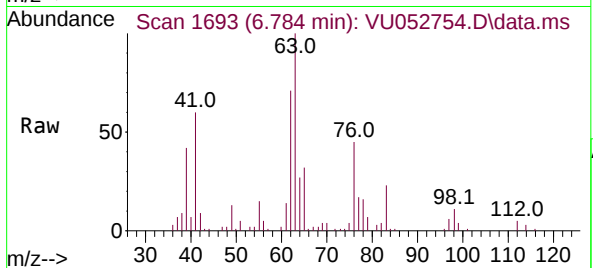
VU0120WBS01

Tgt Ion: 63 Resp: 49151

Ion Ratio Lower Upper

63 100

65 32.4 26.0 39.0



#46

Dibromomethane

Concen: 19.574 ug/l

RT: 6.915 min Scan# 1734

Delta R.T. 0.003 min

Lab File: VU052754.D

Acq: 20 Jan 2023 11:46

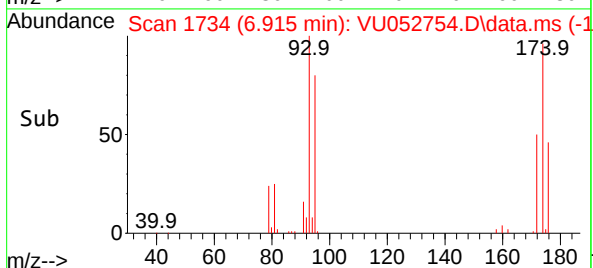
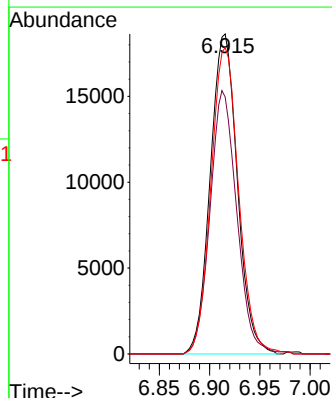
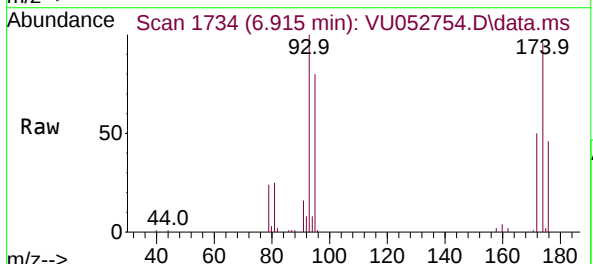
Tgt Ion: 93 Resp: 34917

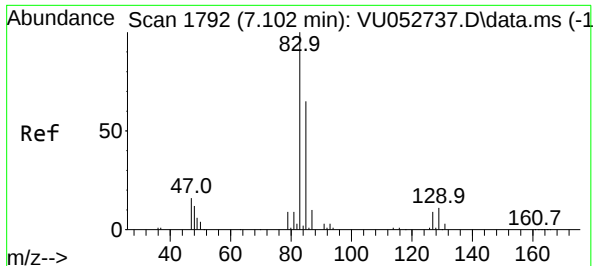
Ion Ratio Lower Upper

93 100

95 81.1 66.6 99.8

174 97.9 78.6 117.8





#47

Bromodichloromethane

Concen: 19.546 ug/l

RT: 7.102 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU052754.D

Acq: 20 Jan 2023 11:46

Instrument :

MSVOA_U

ClientSampleId :

VU0120WBS01

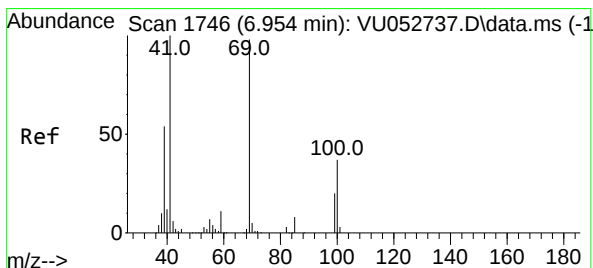
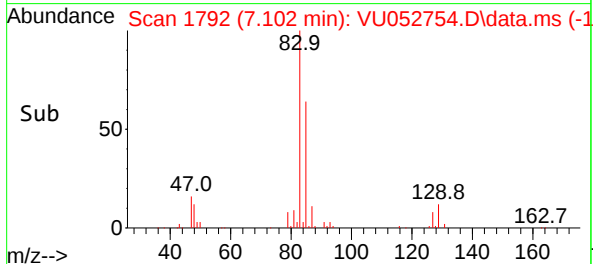
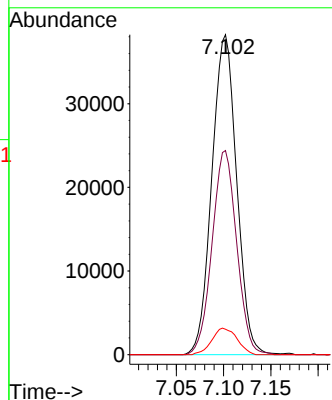
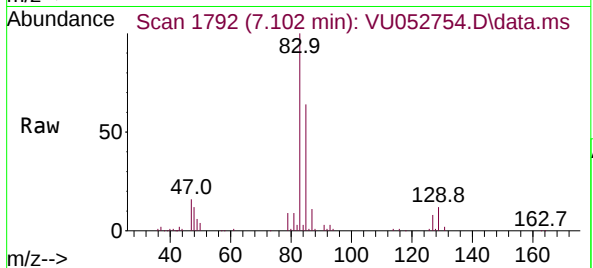
Tgt Ion: 83 Resp: 69767

Ion Ratio Lower Upper

83 100

85 63.8 51.6 77.4

127 7.9 6.9 10.3



#48

Methyl methacrylate

Concen: 19.496 ug/l

RT: 6.957 min Scan# 1747

Delta R.T. 0.003 min

Lab File: VU052754.D

Acq: 20 Jan 2023 11:46

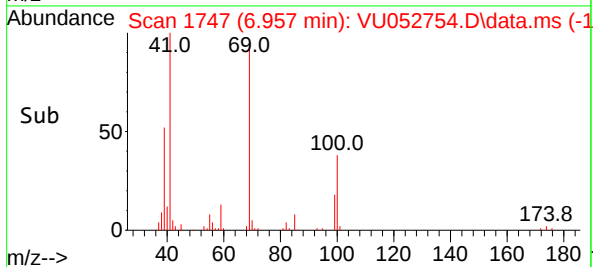
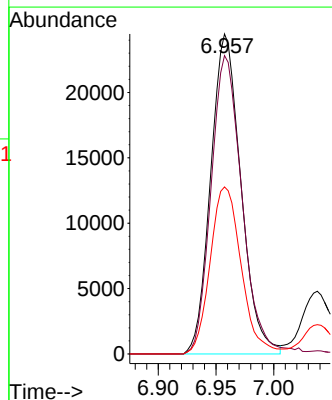
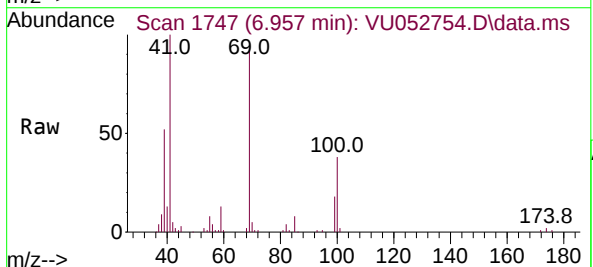
Tgt Ion: 41 Resp: 44521

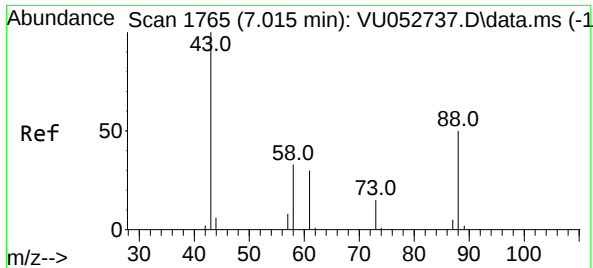
Ion Ratio Lower Upper

41 100

69 95.5 77.2 115.8

39 53.6 42.9 64.3





#49

1,4-Dioxane

Concen: 417.938 ug/l

RT: 7.025 min Scan# 11

Delta R.T. 0.010 min

Lab File: VU052754.D

Acq: 20 Jan 2023 11:46

Instrument :

MSVOA_U

ClientSampleId :

VU0120WBS01

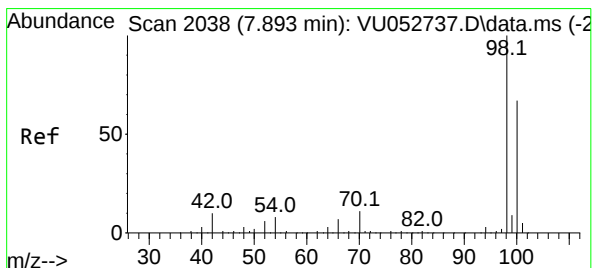
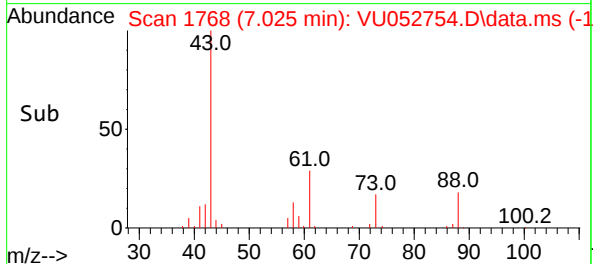
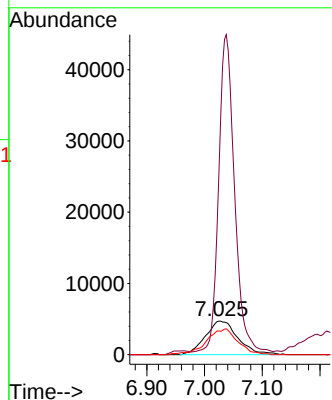
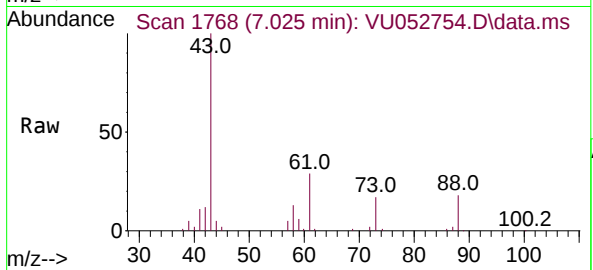
Tgt Ion: 88 Resp: 18493

Ion Ratio Lower Upper

88 100

43 456.8 374.7 562.1

58 74.0 59.2 88.8



#50

Toluene-d8

Concen: 50.188 ug/l

RT: 7.893 min Scan# 2038

Delta R.T. 0.000 min

Lab File: VU052754.D

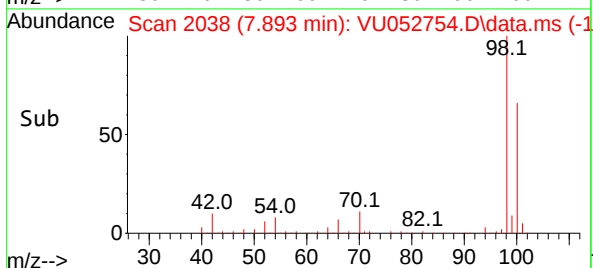
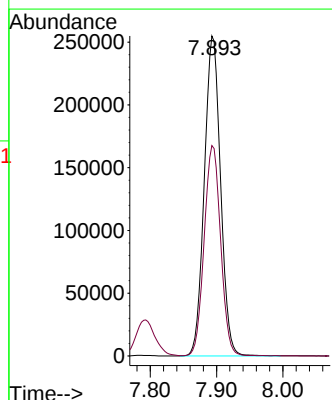
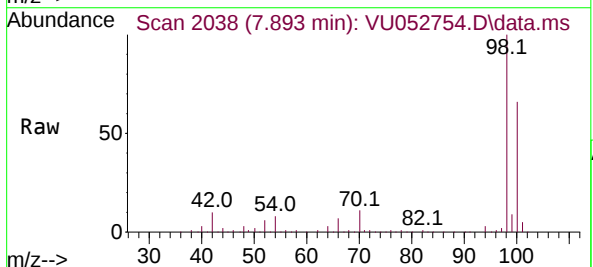
Acq: 20 Jan 2023 11:46

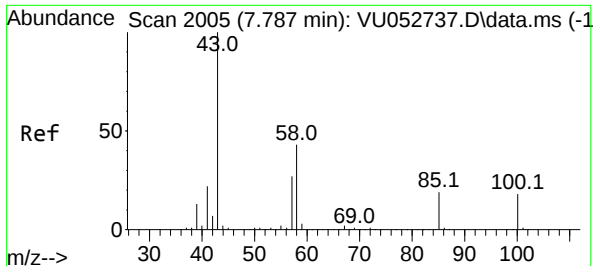
Tgt Ion: 98 Resp: 433847

Ion Ratio Lower Upper

98 100

100 66.2 53.7 80.5





#51

4-Methyl-2-Pentanone

Concen: 98.725 ug/l

RT: 7.790 min Scan# 2005

Delta R.T. 0.003 min

Lab File: VU052754.D

Acq: 20 Jan 2023 11:46

Instrument :

MSVOA_U

ClientSampleId :

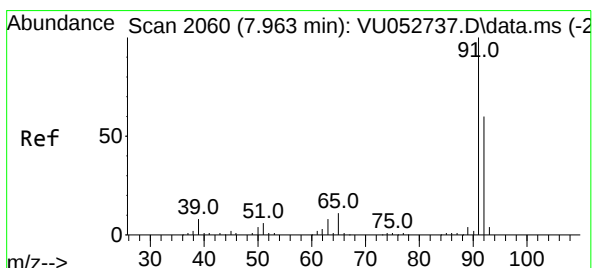
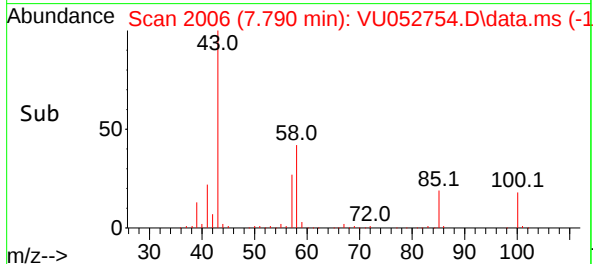
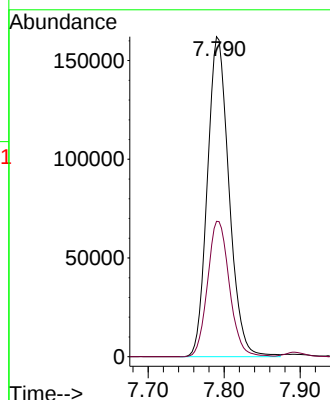
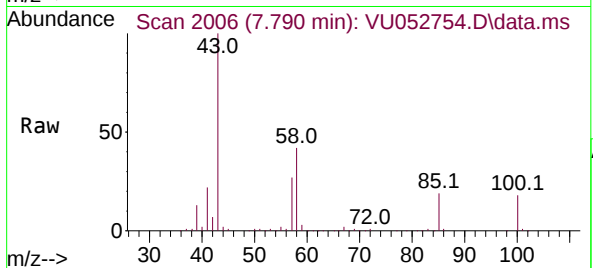
VU0120WBS01

Tgt Ion: 43 Resp: 320199

Ion Ratio Lower Upper

43 100

58 42.8 34.6 52.0



#52

Toluene

Concen: 20.205 ug/l

RT: 7.964 min Scan# 2060

Delta R.T. 0.000 min

Lab File: VU052754.D

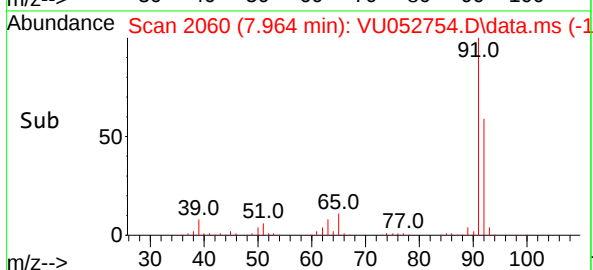
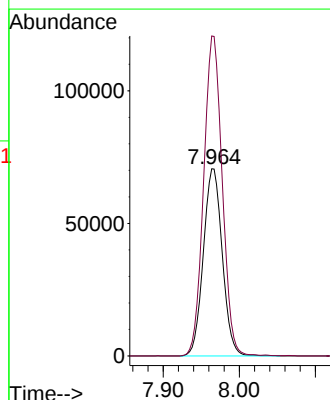
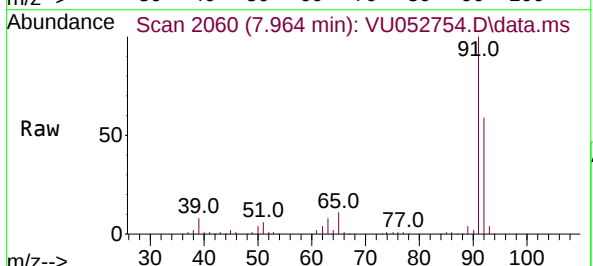
Acq: 20 Jan 2023 11:46

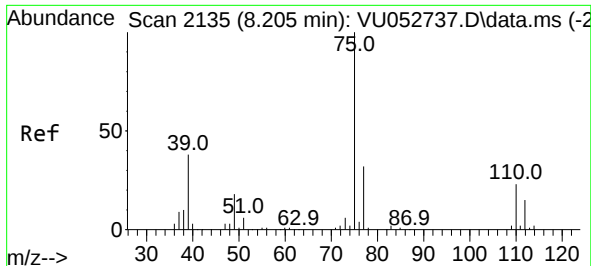
Tgt Ion: 92 Resp: 122030

Ion Ratio Lower Upper

92 100

91 167.8 134.9 202.3





#53

t-1,3-Dichloropropene

Concen: 19.440 ug/l

RT: 8.205 min Scan# 2135

Delta R.T. 0.000 min

Lab File: VU052754.D

Acq: 20 Jan 2023 11:46

Instrument :

MSVOA_U

ClientSampleId :

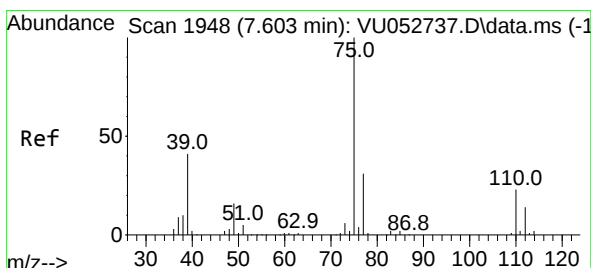
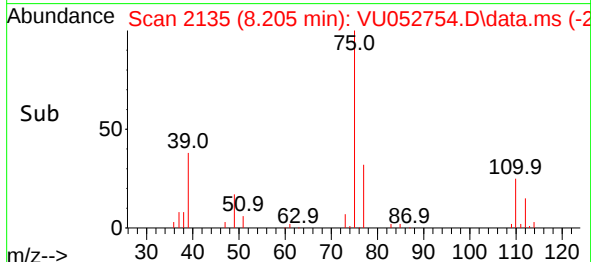
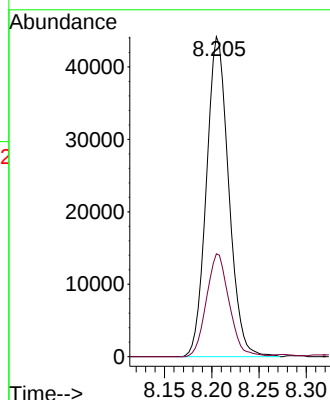
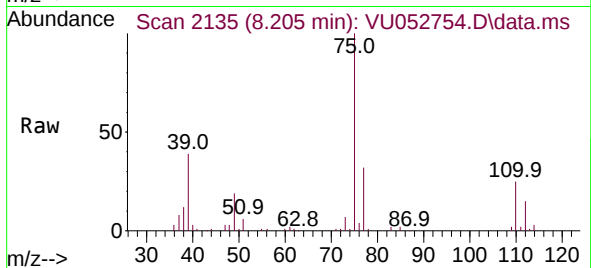
VU0120WBS01

Tgt Ion: 75 Resp: 72483

Ion Ratio Lower Upper

75 100

77 32.2 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 20.048 ug/l

RT: 7.604 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VU052754.D

Acq: 20 Jan 2023 11:46

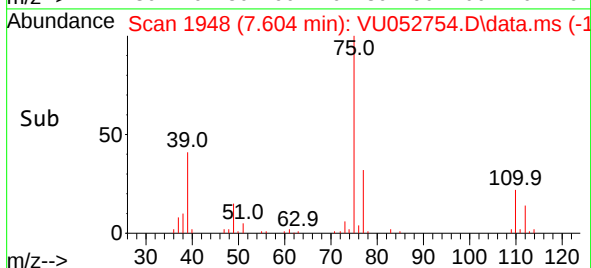
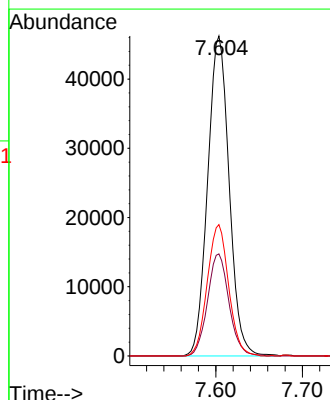
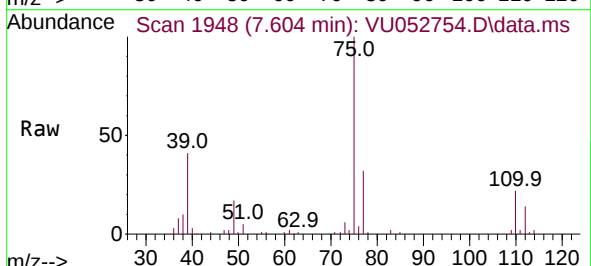
Tgt Ion: 75 Resp: 79724

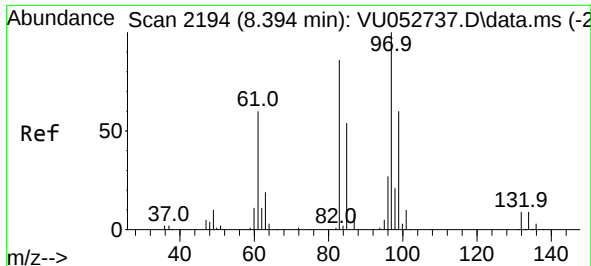
Ion Ratio Lower Upper

75 100

77 31.9 25.0 37.6

39 41.0 32.9 49.3

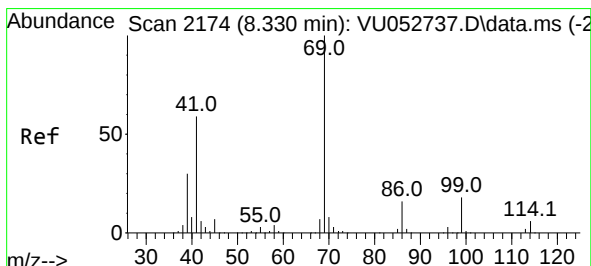
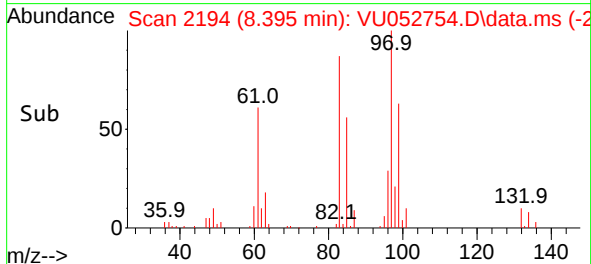
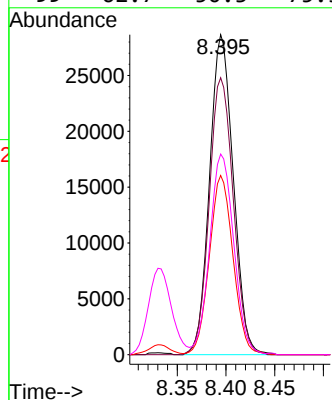
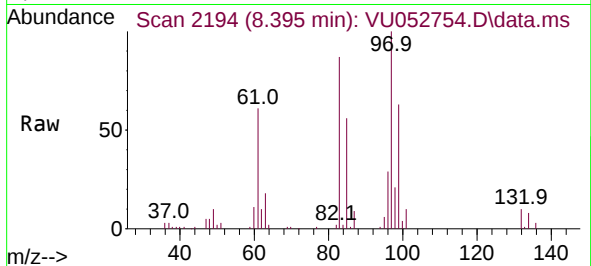




#55
1,1,2-Trichloroethane
Concen: 19.707 ug/l
RT: 8.395 min Scan# 2194
Delta R.T. 0.001 min
Lab File: VU052754.D
Acq: 20 Jan 2023 11:46

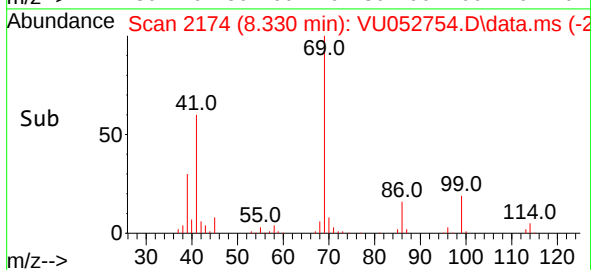
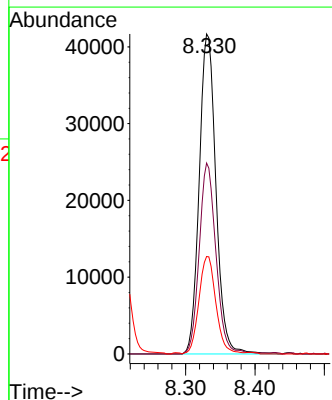
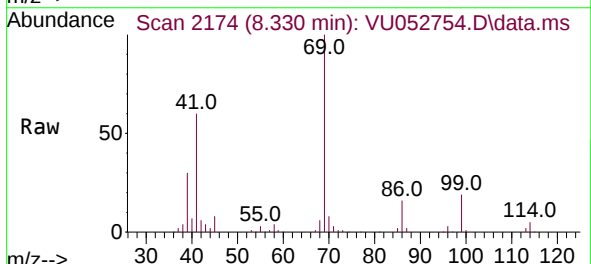
Instrument :
MSVOA_U
ClientSampleId :
VU0120WBS01

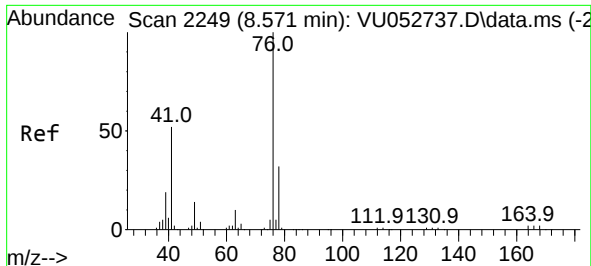
Tgt Ion:	97	Resp:	48583
Ion	Ratio	Lower	Upper
97	100		
83	86.5	69.2	103.8
85	56.0	43.8	65.8
99	62.7	50.3	75.5



#56
Ethyl methacrylate
Concen: 19.154 ug/l
RT: 8.330 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VU052754.D
Acq: 20 Jan 2023 11:46

Tgt Ion:	69	Resp:	69881
Ion	Ratio	Lower	Upper
69	100		
41	59.8	47.6	71.4
39	30.9	24.3	36.5





#57

1,3-Dichloropropane

Concen: 19.736 ug/l

RT: 8.571 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU052754.D

Acq: 20 Jan 2023 11:46

Instrument :

MSVOA_U

ClientSampleId :

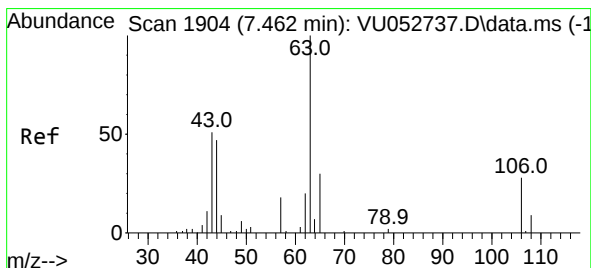
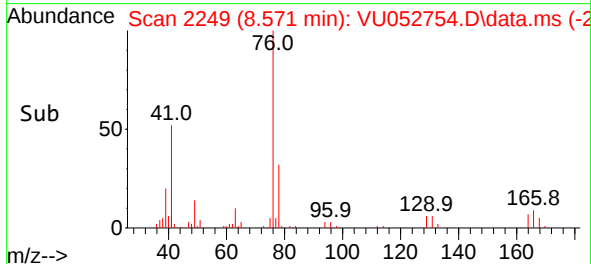
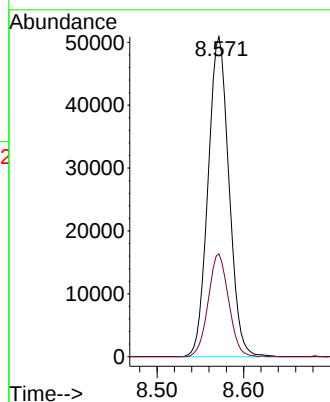
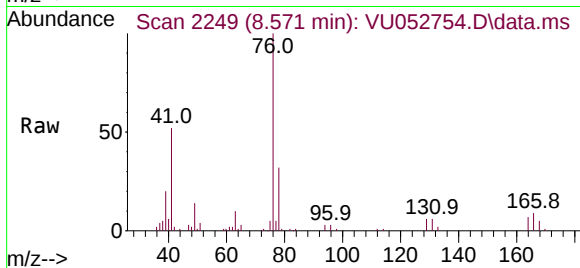
VU0120WBS01

Tgt Ion: 76 Resp: 85318

Ion Ratio Lower Upper

76 100

78 31.3 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 78.253 ug/l

RT: 7.462 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VU052754.D

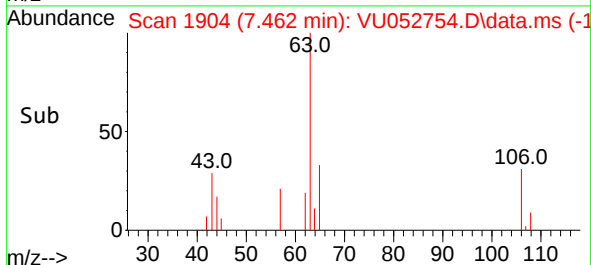
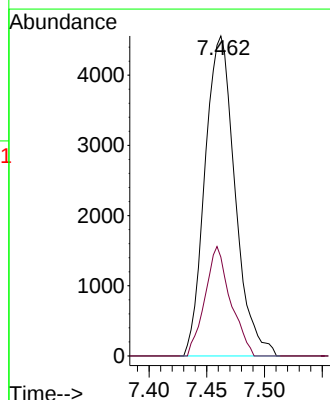
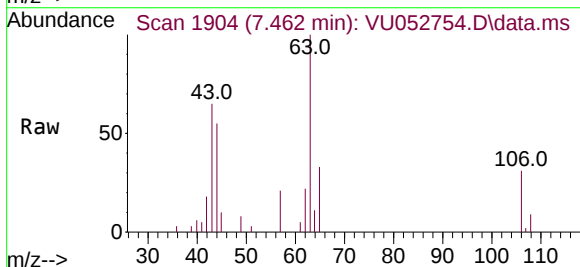
Acq: 20 Jan 2023 11:46

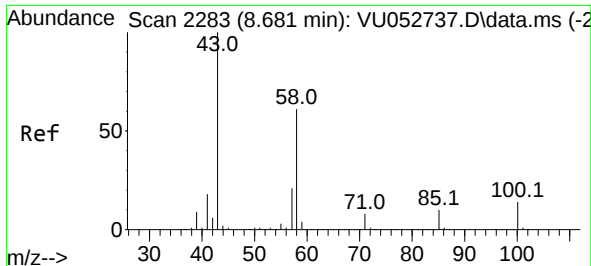
Tgt Ion: 63 Resp: 8248

Ion Ratio Lower Upper

63 100

106 29.1 23.2 34.8

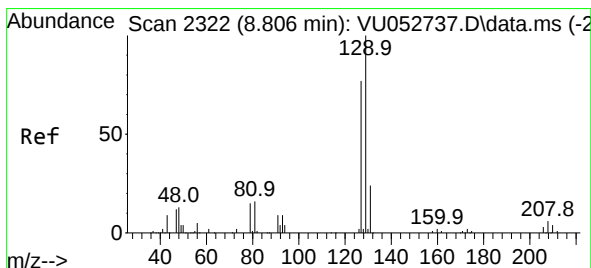
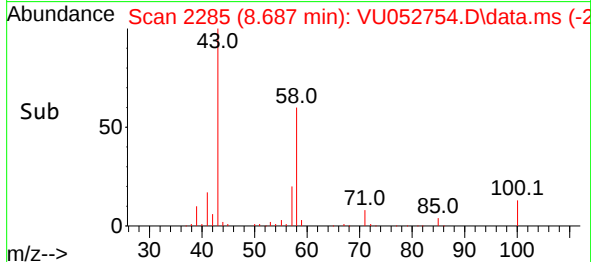
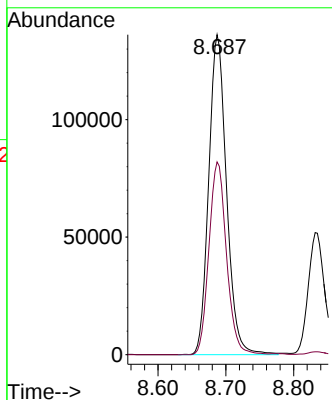
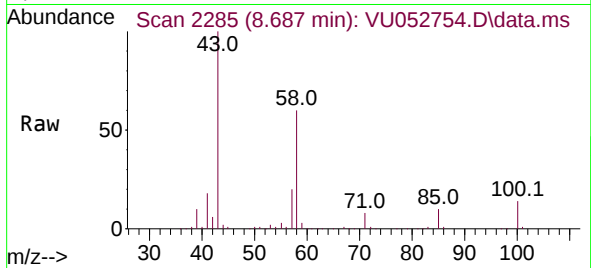




#59
2-Hexanone
Concen: 99.391 ug/l
RT: 8.687 min Scan# 21
Delta R.T. 0.007 min
Lab File: VU052754.D
Acq: 20 Jan 2023 11:46

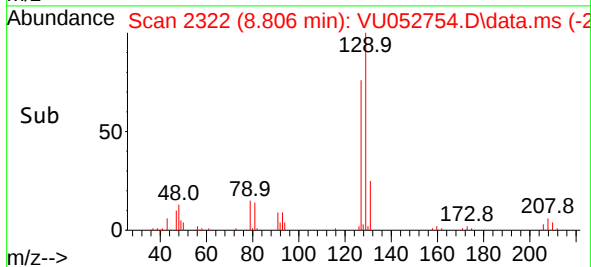
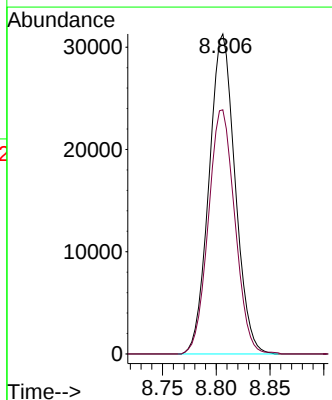
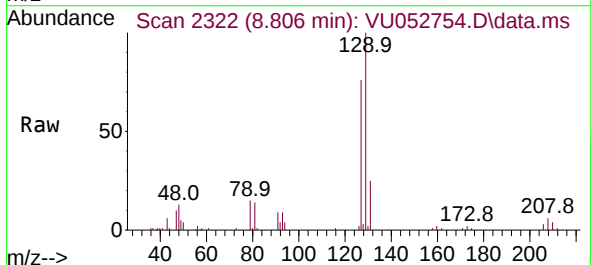
Instrument :
MSVOA_U
ClientSampleId :
VU0120WBS01

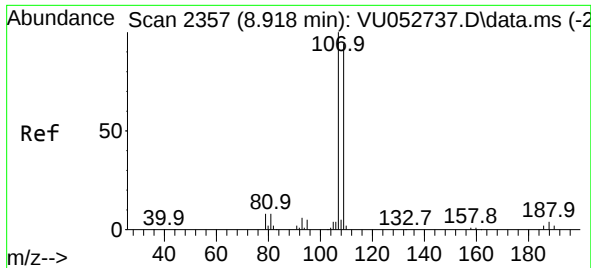
Tgt Ion: 43 Resp: 248333
Ion Ratio Lower Upper
43 100
58 59.5 29.8 89.5



#60
Dibromochloromethane
Concen: 19.476 ug/l
RT: 8.806 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VU052754.D
Acq: 20 Jan 2023 11:46

Tgt Ion: 129 Resp: 52727
Ion Ratio Lower Upper
129 100
127 77.6 39.1 117.2

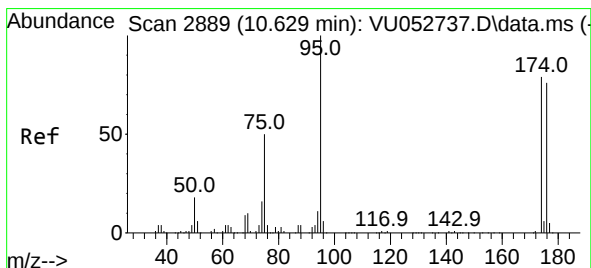
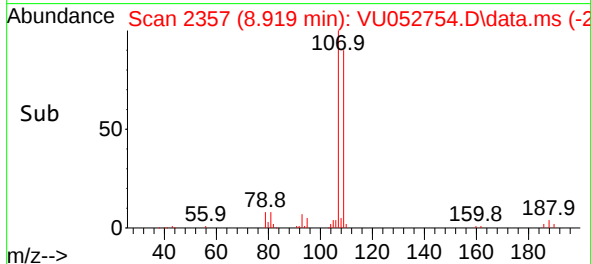
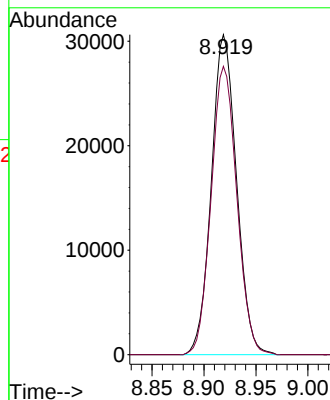
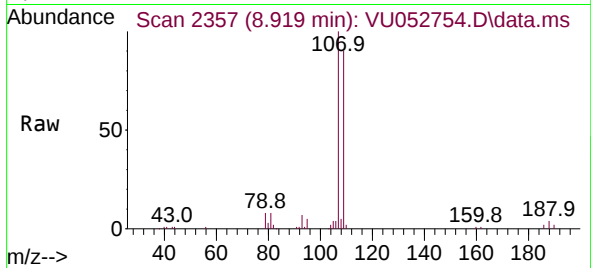




#61
1,2-Dibromoethane
Concen: 19.954 ug/l
RT: 8.919 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU052754.D
Acq: 20 Jan 2023 11:46

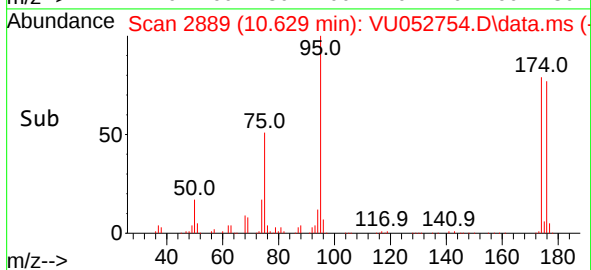
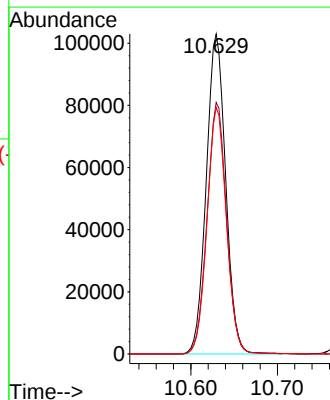
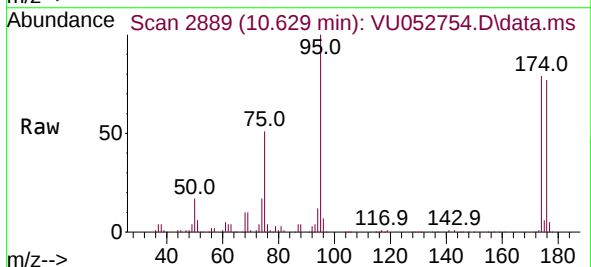
Instrument :
MSVOA_U
ClientSampleId :
VU0120WBS01

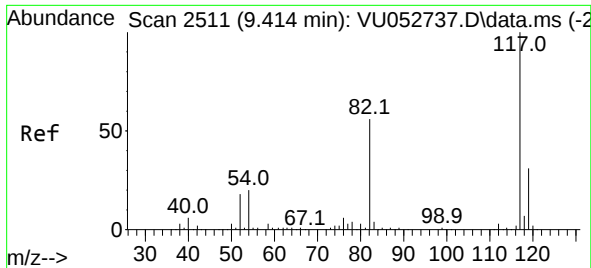
Tgt Ion:107 Resp: 51644
Ion Ratio Lower Upper
107 100
109 92.1 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 50.702 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. 0.000 min
Lab File: VU052754.D
Acq: 20 Jan 2023 11:46

Tgt Ion: 95 Resp: 160103
Ion Ratio Lower Upper
95 100
174 78.9 0.0 158.6
176 76.5 0.0 150.6

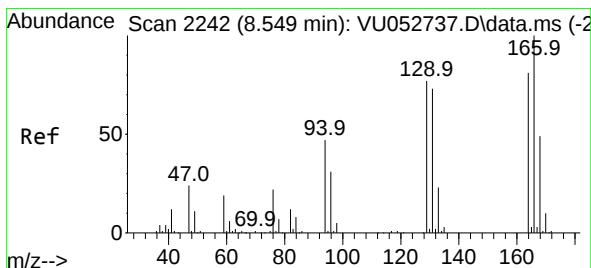
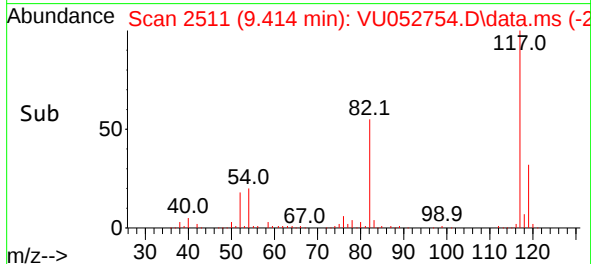
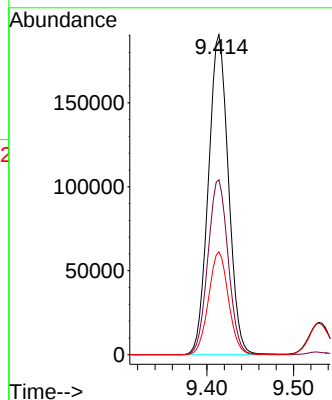
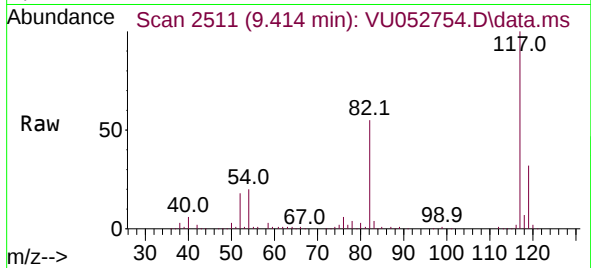




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.414 min Scan# 2511
Delta R.T. -0.000 min
Lab File: VU052754.D
Acq: 20 Jan 2023 11:46

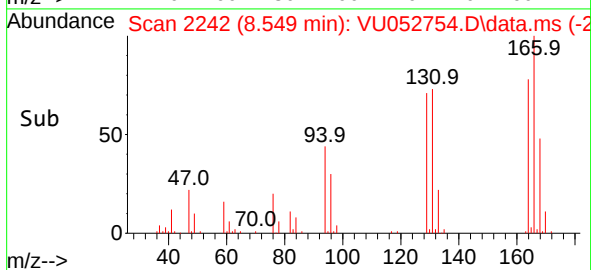
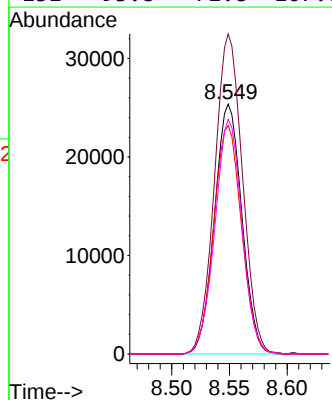
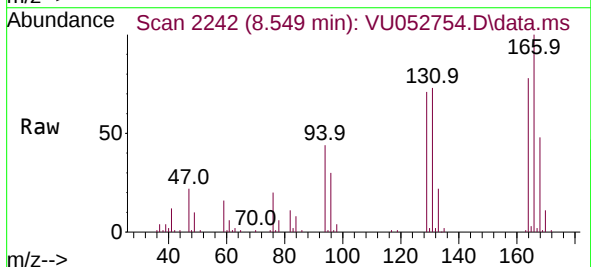
Instrument :
MSVOA_U
ClientSampleId :
VU0120WBS01

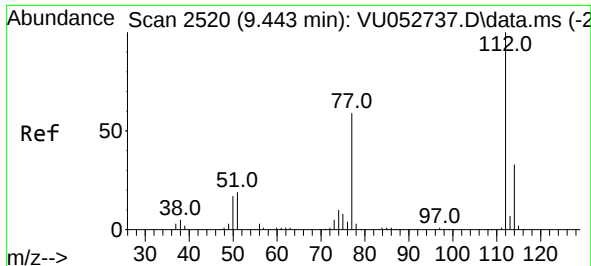
Tgt Ion:117 Resp: 306151
Ion Ratio Lower Upper
117 100
82 54.6 44.7 67.1
119 32.2 25.0 37.6



#64
Tetrachloroethene
Concen: 19.674 ug/l
RT: 8.549 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VU052754.D
Acq: 20 Jan 2023 11:46

Tgt Ion:164 Resp: 41845
Ion Ratio Lower Upper
164 100
166 128.0 98.9 148.3
129 91.4 76.0 114.0
131 93.8 71.8 107.6

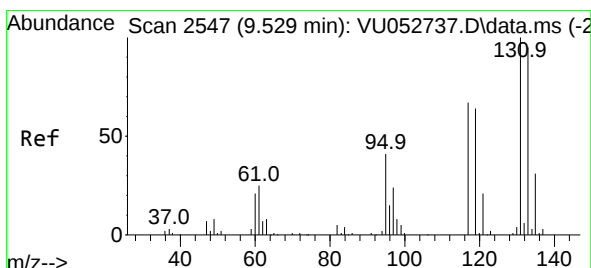
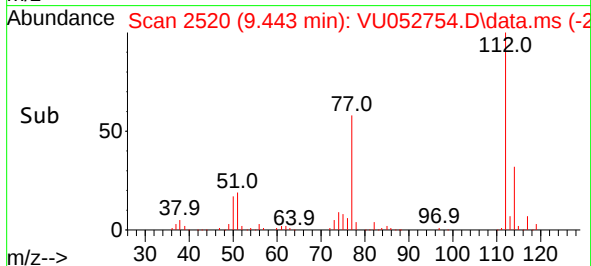
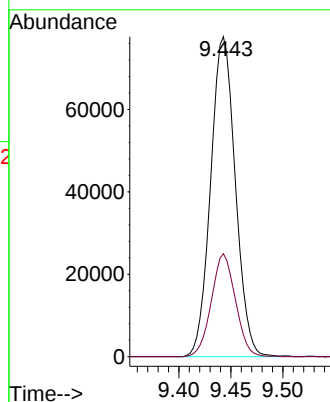
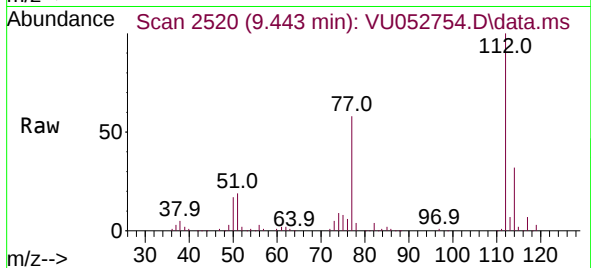




#65
Chlorobenzene
Concen: 19.795 ug/l
RT: 9.443 min Scan# 2520
Delta R.T. 0.000 min
Lab File: VU052754.D
Acq: 20 Jan 2023 11:46

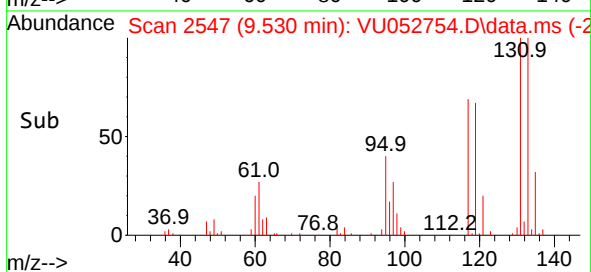
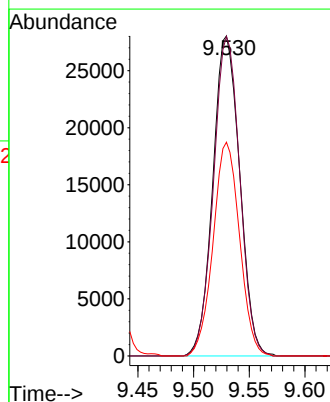
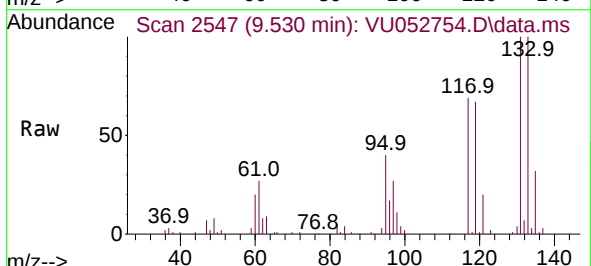
Instrument :
MSVOA_U
ClientSampleId :
VU0120WBS01

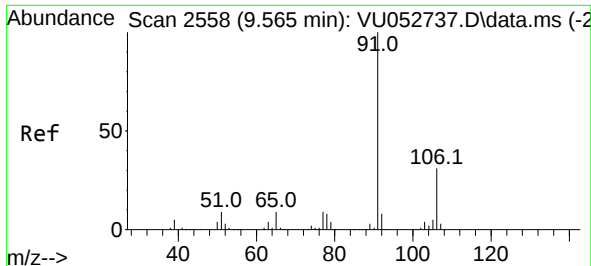
Tgt Ion:112 Resp: 128235
Ion Ratio Lower Upper
112 100
114 32.2 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 19.385 ug/l
RT: 9.530 min Scan# 2547
Delta R.T. 0.000 min
Lab File: VU052754.D
Acq: 20 Jan 2023 11:46

Tgt Ion:131 Resp: 47077
Ion Ratio Lower Upper
131 100
133 97.8 48.4 145.0
119 65.7 32.1 96.3





#67

Ethyl Benzene

Concen: 19.792 ug/l

RT: 9.565 min Scan# 2558

Delta R.T. 0.000 min

Lab File: VU052754.D

Acq: 20 Jan 2023 11:46

Instrument :

MSVOA_U

ClientSampleId :

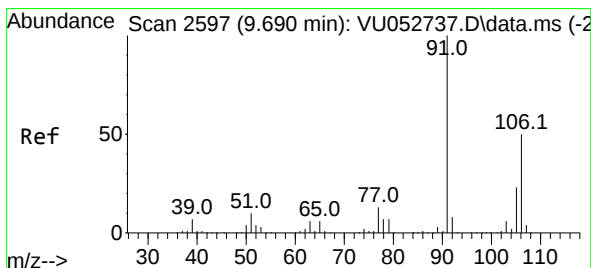
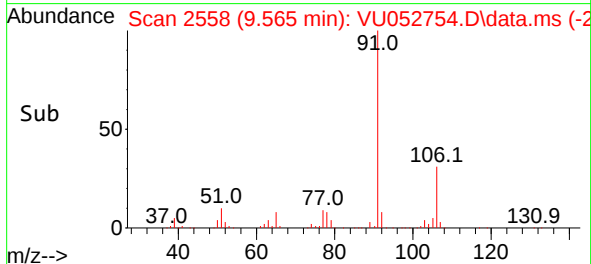
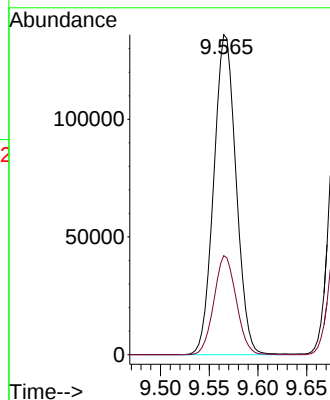
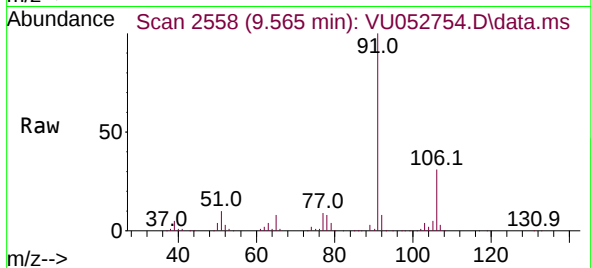
VU0120WBS01

Tgt Ion: 91 Resp: 216678

Ion Ratio Lower Upper

91 100

106 31.0 24.6 37.0



#68

m/p-Xylenes

Concen: 41.393 ug/l

RT: 9.690 min Scan# 2597

Delta R.T. 0.000 min

Lab File: VU052754.D

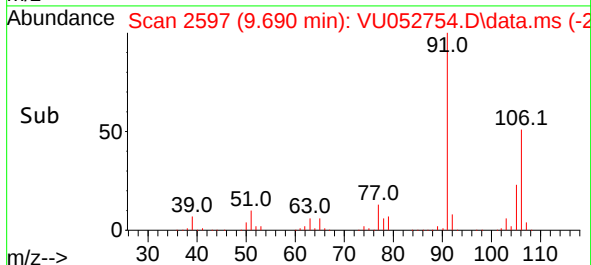
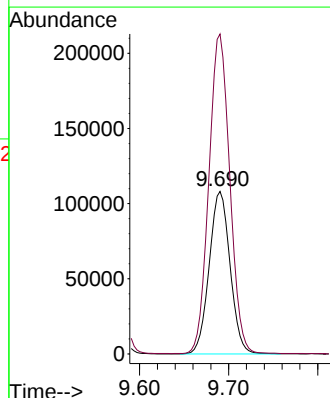
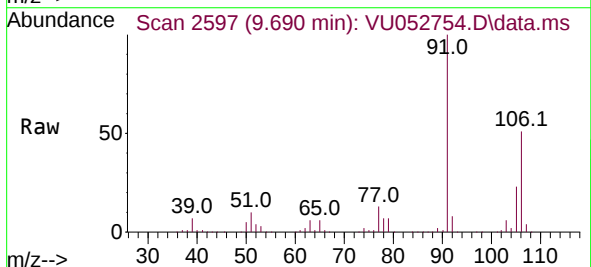
Acq: 20 Jan 2023 11:46

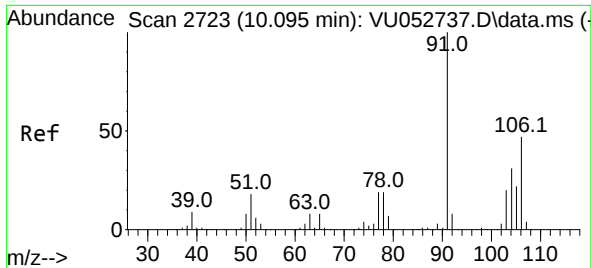
Tgt Ion: 106 Resp: 175999

Ion Ratio Lower Upper

106 100

91 196.6 160.8 241.2

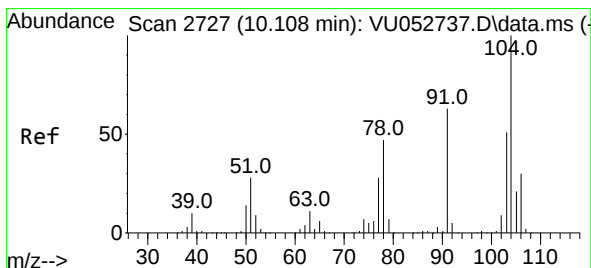
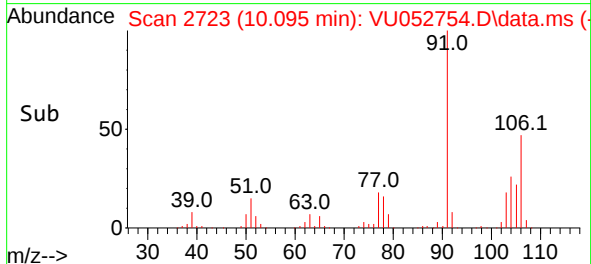
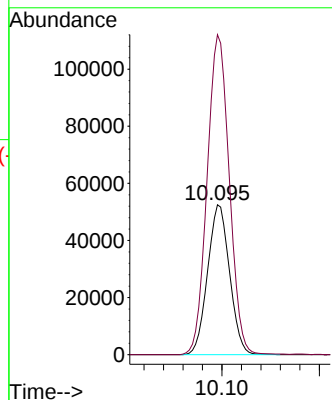
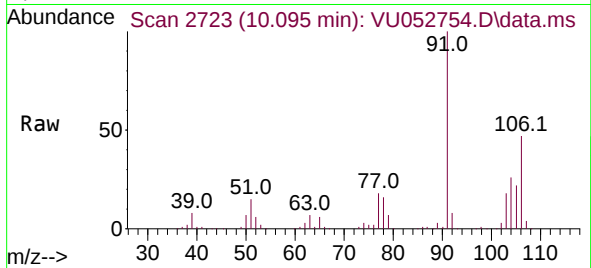




#69
o-Xylene
Concen: 20.245 ug/l
RT: 10.095 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU052754.D
Acq: 20 Jan 2023 11:46

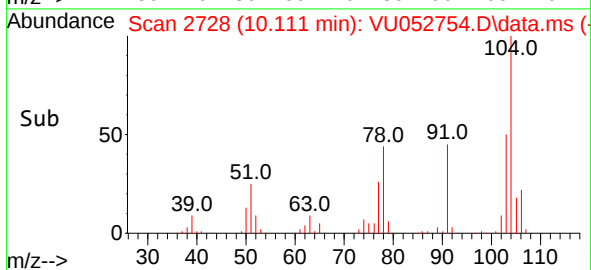
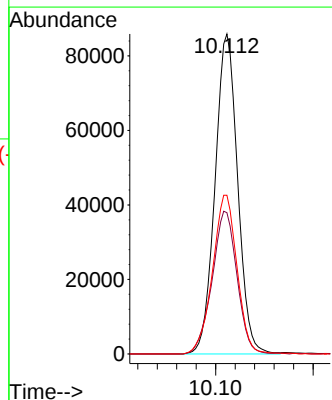
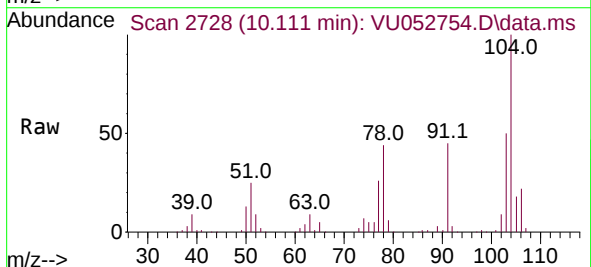
Instrument :
MSVOA_U
ClientSampleId :
VU0120WBS01

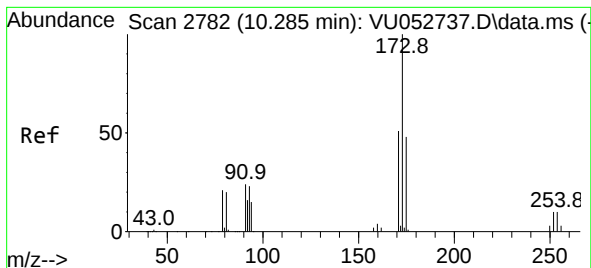
Tgt Ion:106 Resp: 82176
Ion Ratio Lower Upper
106 100
91 215.4 107.9 323.7



#70
Styrene
Concen: 19.527 ug/l
RT: 10.111 min Scan# 2728
Delta R.T. 0.003 min
Lab File: VU052754.D
Acq: 20 Jan 2023 11:46

Tgt Ion:104 Resp: 138476
Ion Ratio Lower Upper
104 100
78 48.9 39.9 59.9
103 53.6 43.4 65.2





#71

Bromoform

Concen: 20.209 ug/l

RT: 10.288 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU052754.D

Acq: 20 Jan 2023 11:46

Instrument :

MSVOA_U

ClientSampleId :

VU0120WBS01

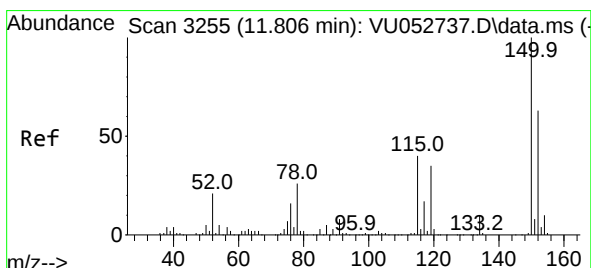
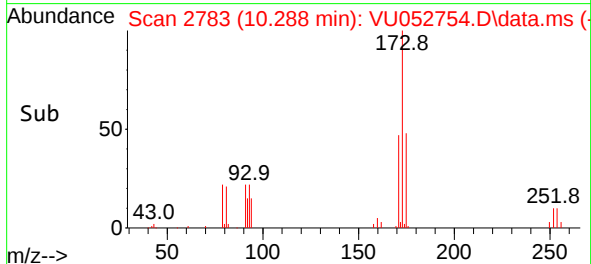
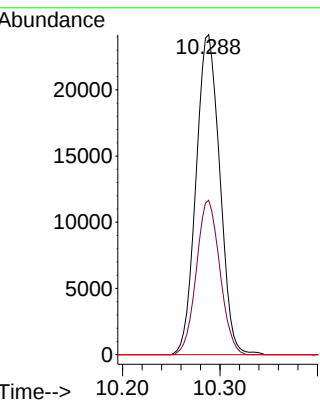
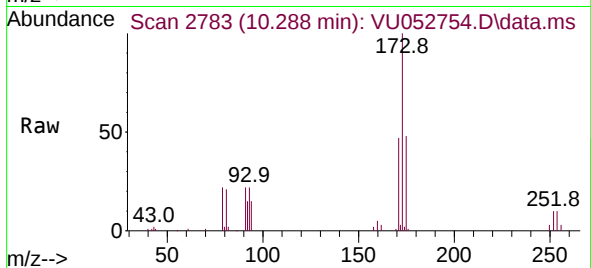
Tgt Ion:173 Resp: 40987

Ion Ratio Lower Upper

173 100

175 47.7 24.1 72.2

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.809 min Scan# 3256

Delta R.T. 0.003 min

Lab File: VU052754.D

Acq: 20 Jan 2023 11:46

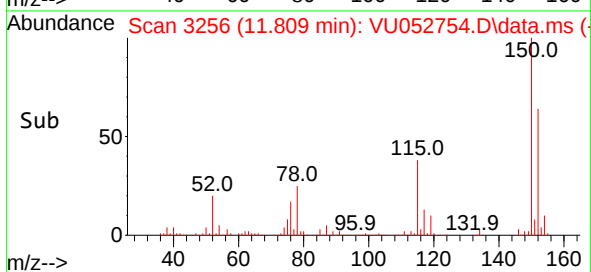
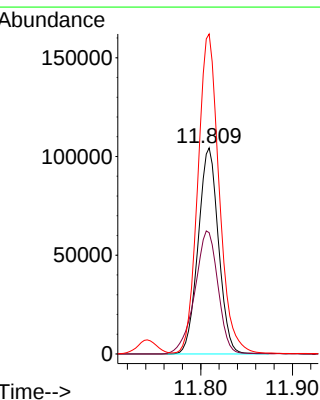
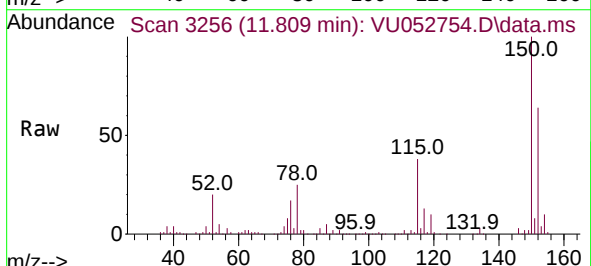
Tgt Ion:152 Resp: 161083

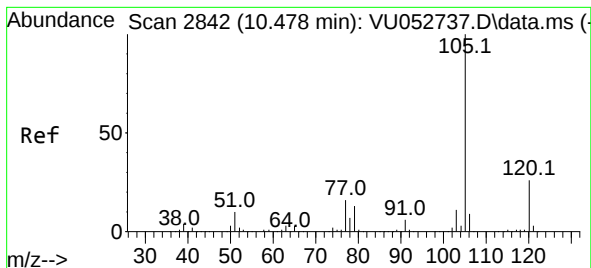
Ion Ratio Lower Upper

152 100

115 67.8 41.7 125.1

150 162.9 0.0 349.2





#73

Isopropylbenzene

Concen: 20.552 ug/l

RT: 10.481 min Scan# 218097

Delta R.T. 0.003 min

Lab File: VU052754.D

Acq: 20 Jan 2023 11:46

Instrument :

MSVOA_U

ClientSampleId :

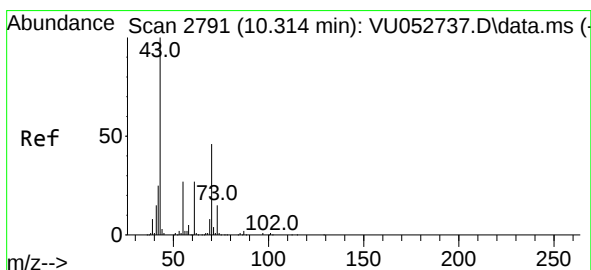
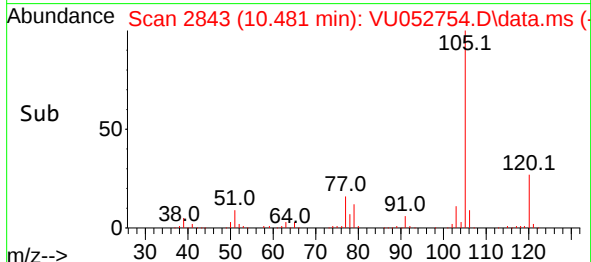
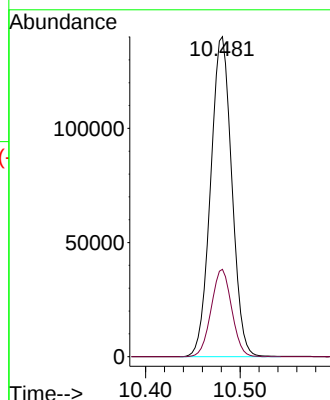
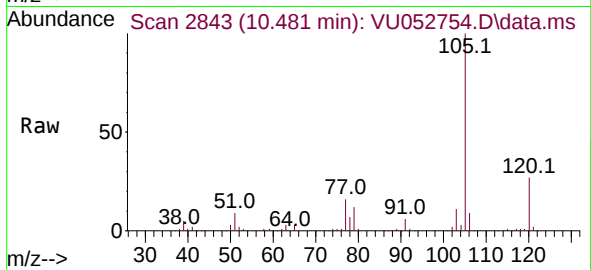
VU0120WBS01

Tgt Ion:105 Resp: 218097

Ion Ratio Lower Upper

105 100

120 26.4 13.2 39.5



#74

N-amy1 acetate

Concen: 19.612 ug/l

RT: 10.317 min Scan# 2792

Delta R.T. 0.003 min

Lab File: VU052754.D

Acq: 20 Jan 2023 11:46

Tgt Ion: 43 Resp: 79289

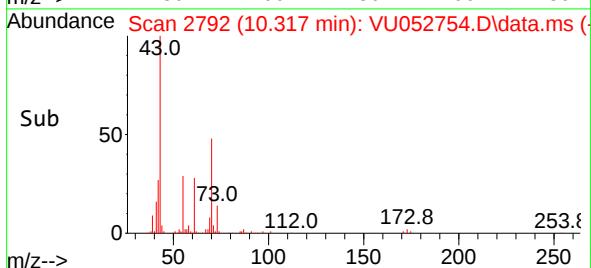
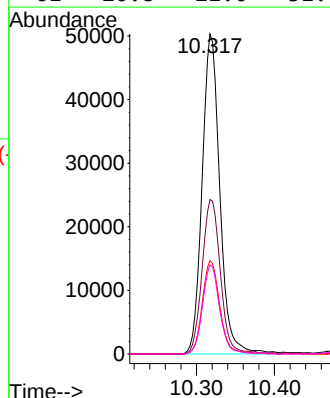
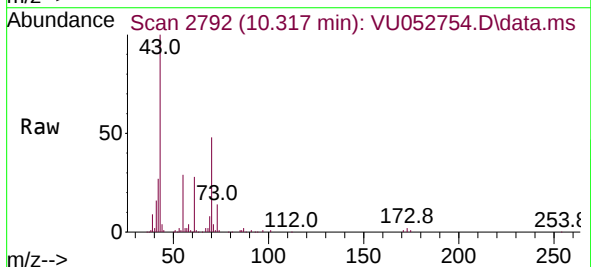
Ion Ratio Lower Upper

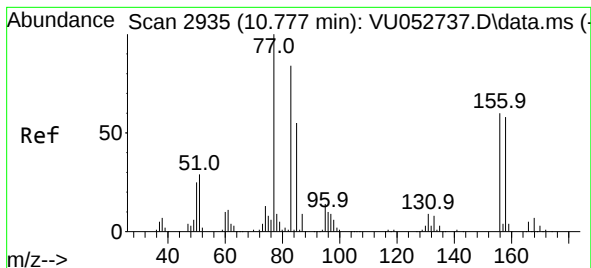
43 100

70 49.8 37.9 56.9

55 28.9 21.9 32.9

61 26.8 21.0 31.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.164 ug/l

RT: 10.780 min Scan# 2936

Delta R.T. 0.003 min

Lab File: VU052754.D

Acq: 20 Jan 2023 11:46

Instrument :

MSVOA_U

ClientSampleId :

VU0120WBS01

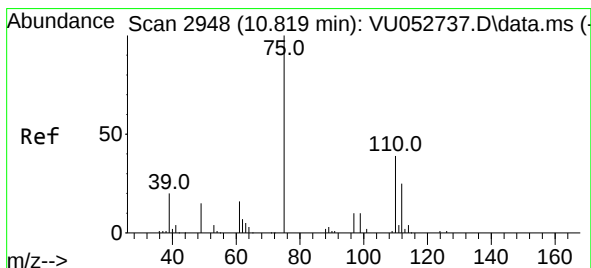
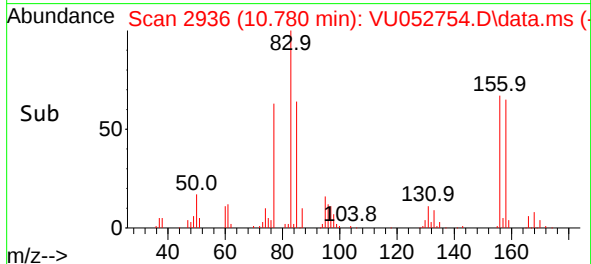
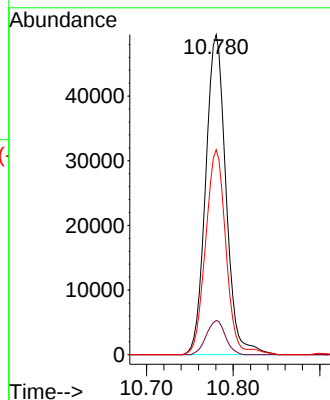
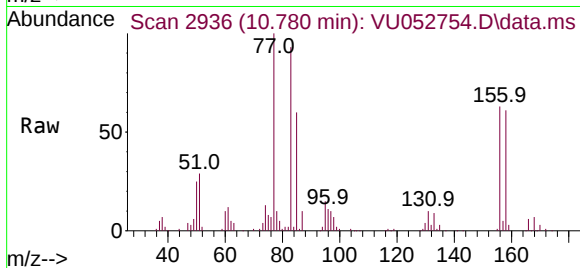
Tgt Ion: 83 Resp: 80573

Ion Ratio Lower Upper

83 100

131 10.0 5.0 14.9

85 64.4 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 19.360 ug/l

RT: 10.819 min Scan# 2948

Delta R.T. 0.000 min

Lab File: VU052754.D

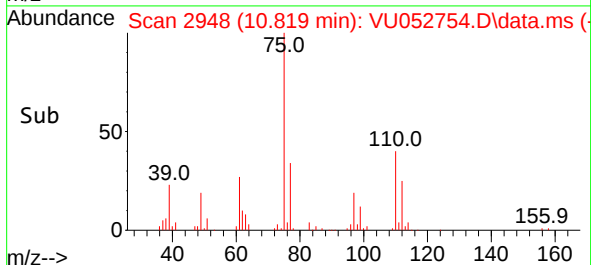
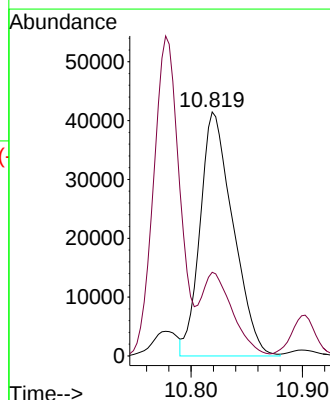
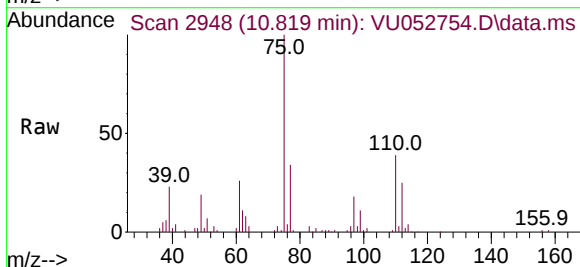
Acq: 20 Jan 2023 11:46

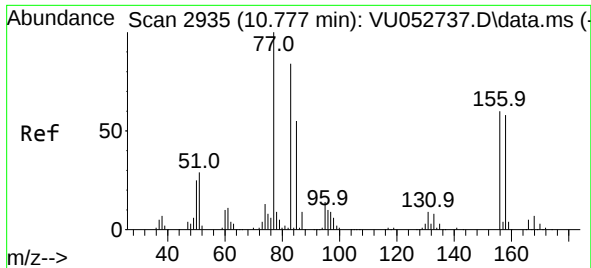
Tgt Ion: 75 Resp: 85104

Ion Ratio Lower Upper

75 100

77 30.9 15.0 45.1

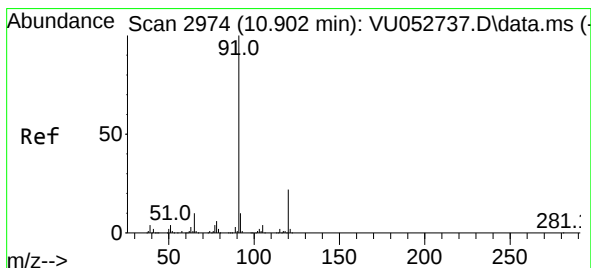
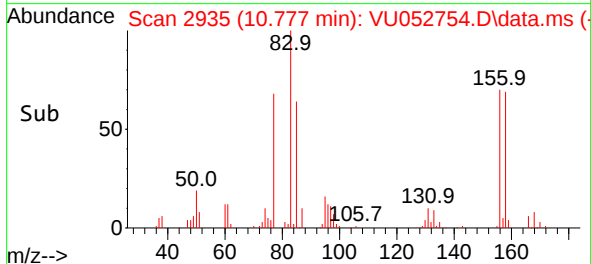
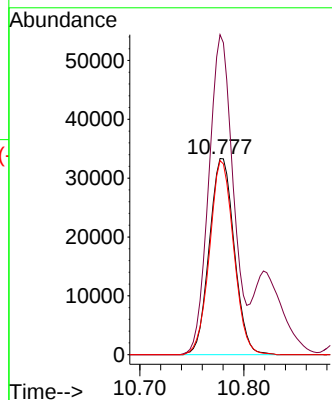
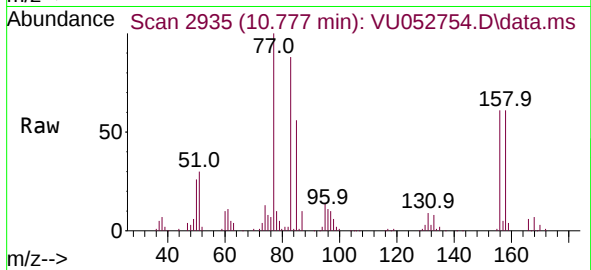




#77
Bromobenzene
Concen: 20.222 ug/l
RT: 10.777 min Scan# 2935
Delta R.T. 0.000 min
Lab File: VU052754.D
Acq: 20 Jan 2023 11:46

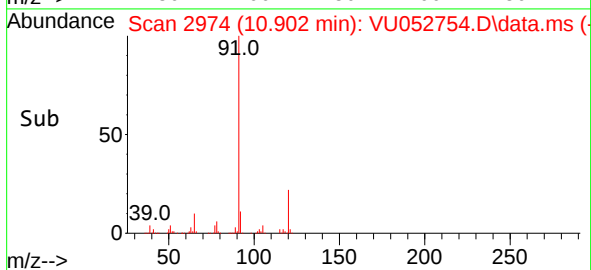
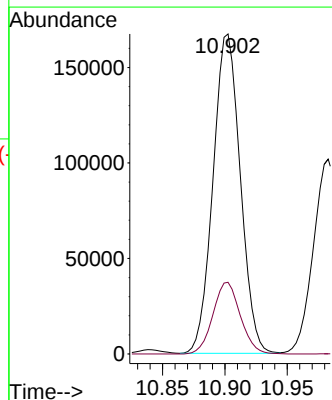
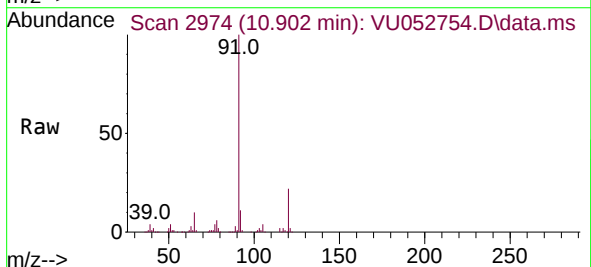
Instrument :
MSVOA_U
ClientSampleId :
VU0120WBS01

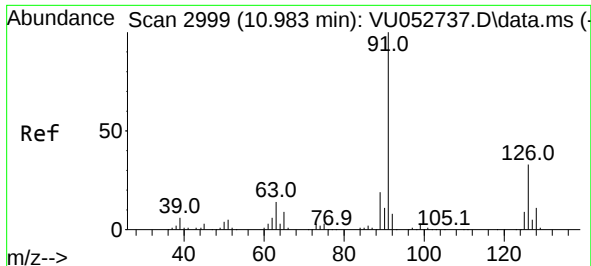
Tgt Ion:156 Resp: 55500
Ion Ratio Lower Upper
156 100
77 158.8 83.8 251.4
158 95.9 48.7 146.1



#78
n-propylbenzene
Concen: 20.415 ug/l
RT: 10.902 min Scan# 2974
Delta R.T. 0.000 min
Lab File: VU052754.D
Acq: 20 Jan 2023 11:46

Tgt Ion: 91 Resp: 254791
Ion Ratio Lower Upper
91 100
120 22.5 11.3 33.8

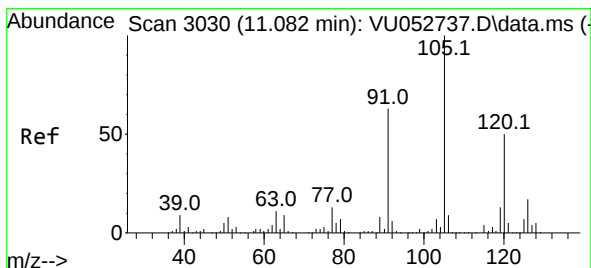
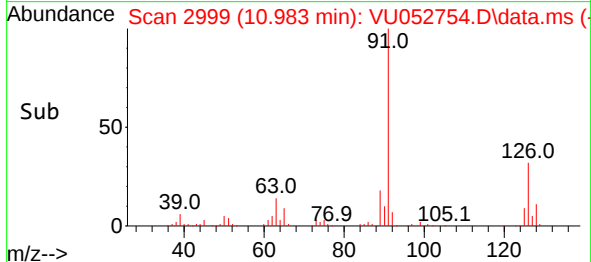
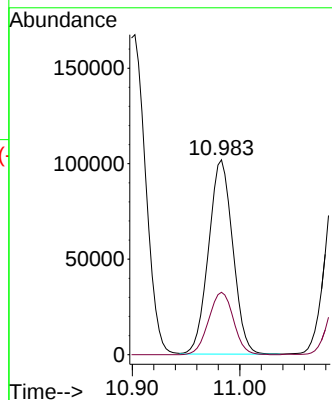
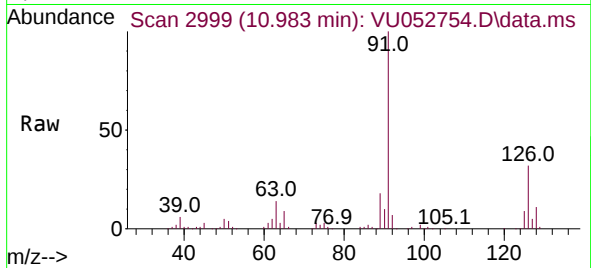




#79
2-Chlorotoluene
Concen: 20.650 ug/l
RT: 10.983 min Scan# 2999
Delta R.T. 0.000 min
Lab File: VU052754.D
Acq: 20 Jan 2023 11:46

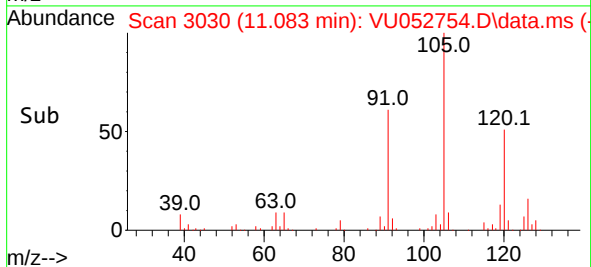
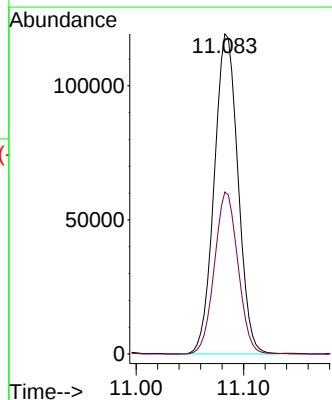
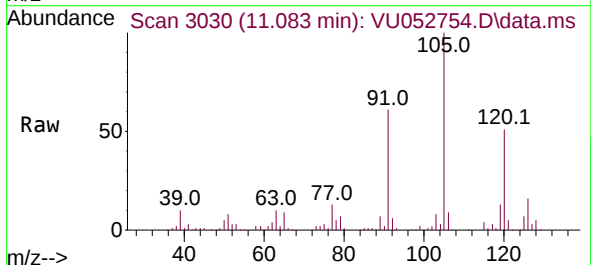
Instrument :
MSVOA_U
ClientSampleId :
VU0120WBS01

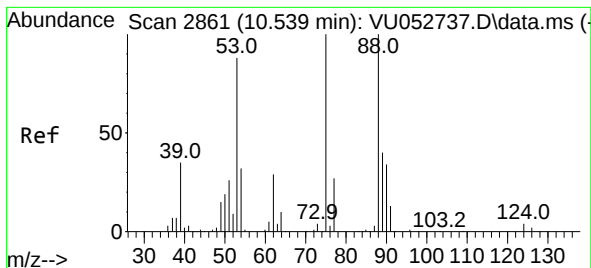
Tgt Ion: 91 Resp: 159255
Ion Ratio Lower Upper
91 100
126 32.8 16.7 50.0



#80
1,3,5-Trimethylbenzene
Concen: 20.799 ug/l
RT: 11.083 min Scan# 3030
Delta R.T. 0.000 min
Lab File: VU052754.D
Acq: 20 Jan 2023 11:46

Tgt Ion: 105 Resp: 183357
Ion Ratio Lower Upper
105 100
120 50.2 25.1 75.2

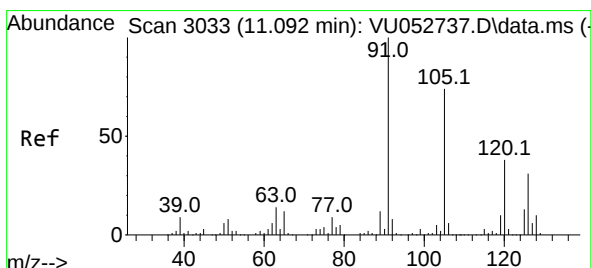
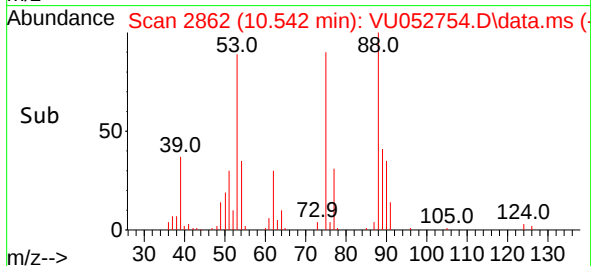
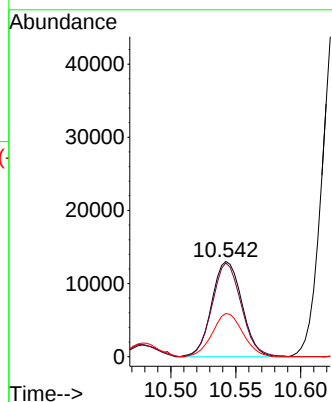
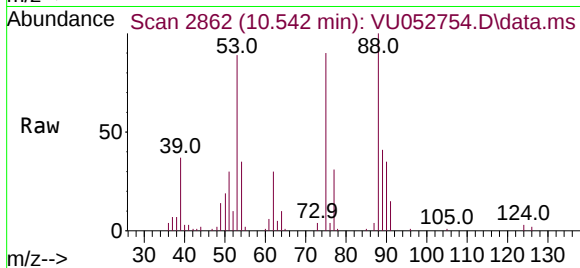




#81
trans-1,4-Dichloro-2-butene
Concen: 18.535 ug/l
RT: 10.542 min Scan# 2862
Delta R.T. 0.003 min
Lab File: VU052754.D
Acq: 20 Jan 2023 11:46

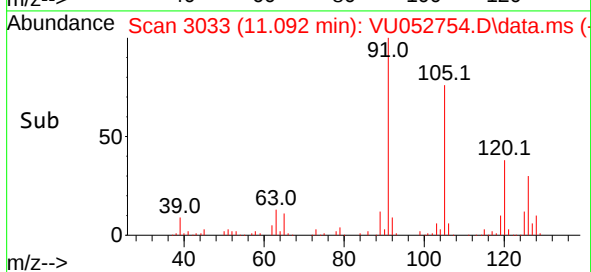
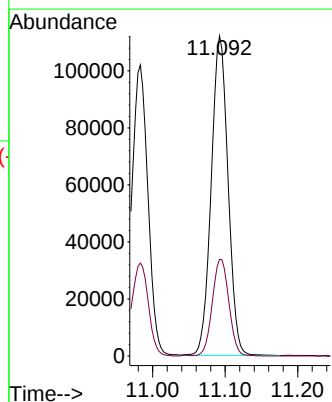
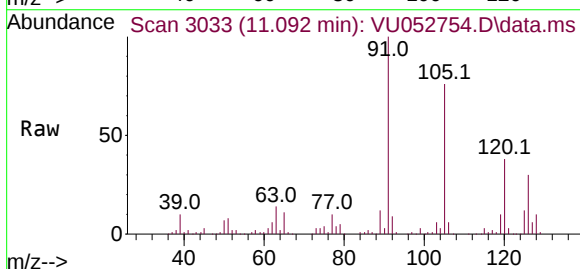
Instrument :
MSVOA_U
ClientSampleId :
VU0120WBS01

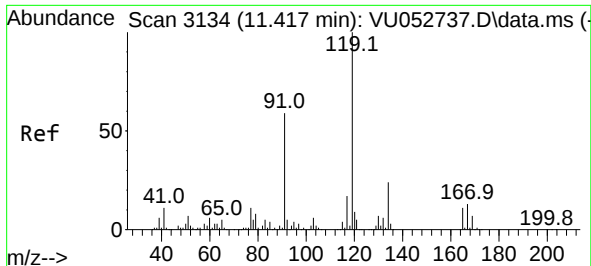
Tgt Ion: 75 Resp: 20967
Ion Ratio Lower Upper
75 100
53 95.7 72.4 108.6
89 45.9 35.0 52.4



#82
4-Chlorotoluene
Concen: 20.555 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU052754.D
Acq: 20 Jan 2023 11:46

Tgt Ion: 91 Resp: 180684
Ion Ratio Lower Upper
91 100
126 29.8 14.9 44.7

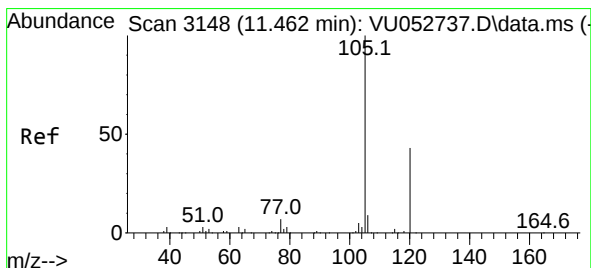
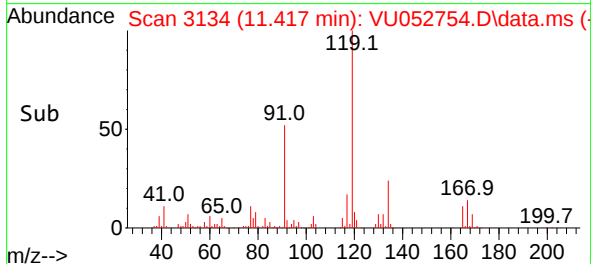
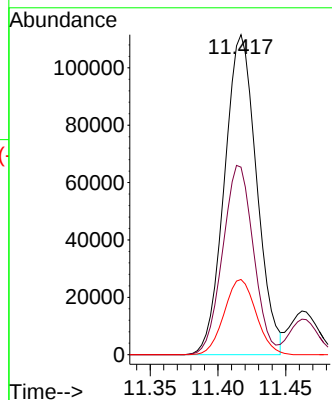
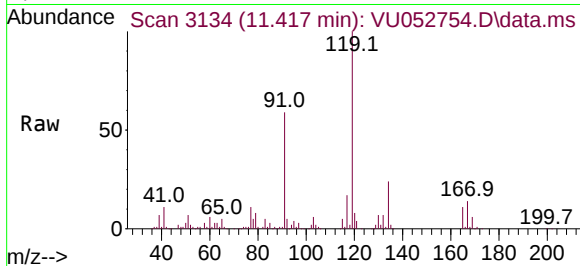




#83
tert-Butylbenzene
Concen: 20.367 ug/l
RT: 11.417 min Scan# 3134
Delta R.T. 0.000 min
Lab File: VU052754.D
Acq: 20 Jan 2023 11:46

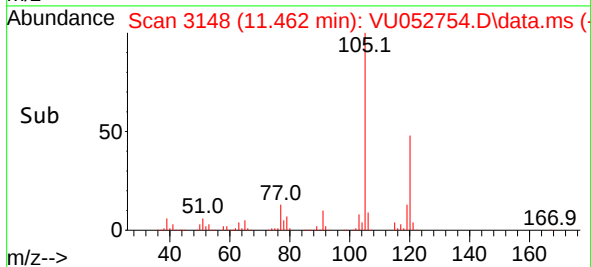
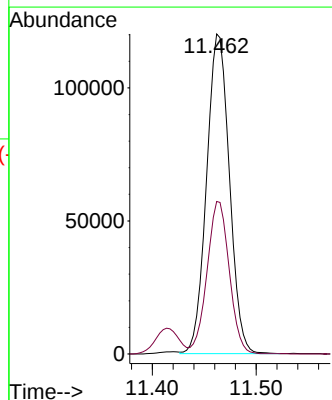
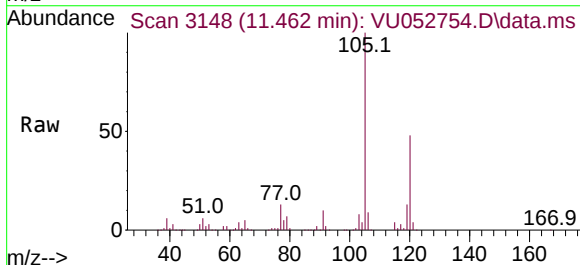
Instrument :
MSVOA_U
ClientSampleId :
VU0120WBS01

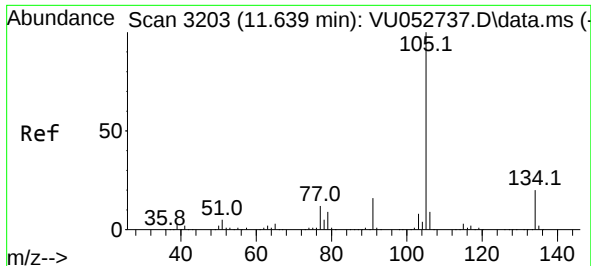
Tgt Ion:119 Resp: 184291
Ion Ratio Lower Upper
119 100
91 56.5 28.4 85.2
134 23.3 11.5 34.5



#84
1,2,4-Trimethylbenzene
Concen: 20.958 ug/l
RT: 11.462 min Scan# 3148
Delta R.T. 0.000 min
Lab File: VU052754.D
Acq: 20 Jan 2023 11:46

Tgt Ion:105 Resp: 183388
Ion Ratio Lower Upper
105 100
120 46.4 23.2 69.5

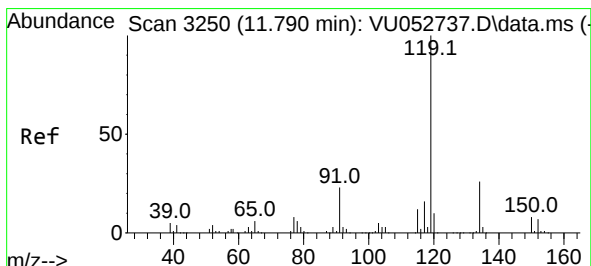
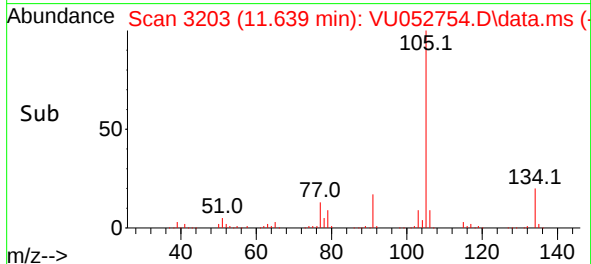
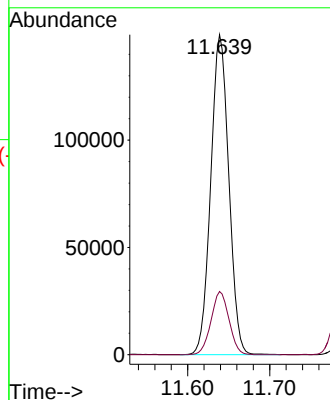
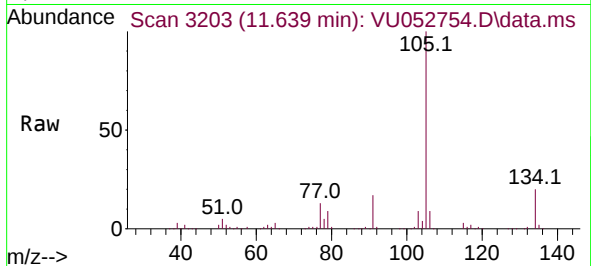




#85
 sec-Butylbenzene
 Concen: 20.566 ug/l
 RT: 11.639 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU052754.D
 Acq: 20 Jan 2023 11:46

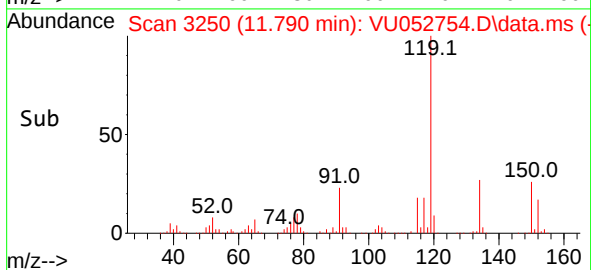
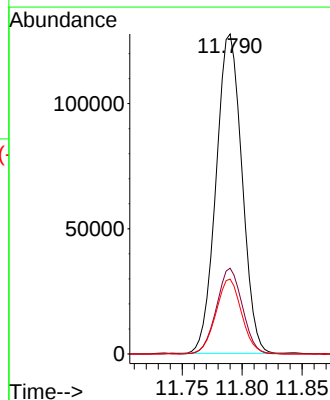
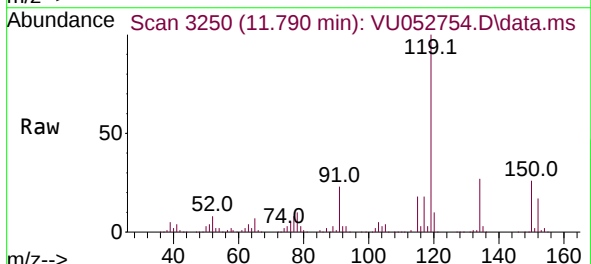
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0120WBS01

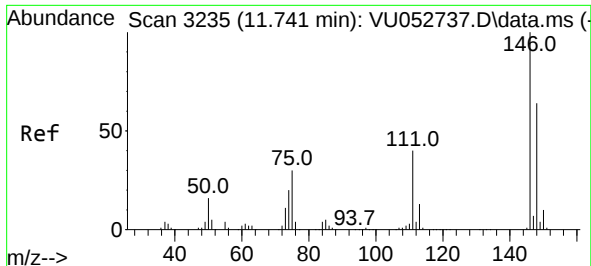
Tgt Ion:105 Resp: 227791
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 20.315 ug/l
 RT: 11.790 min Scan# 3250
 Delta R.T. -0.000 min
 Lab File: VU052754.D
 Acq: 20 Jan 2023 11:46

Tgt Ion:119 Resp: 191332
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.1 39.1
 91 23.4 11.5 34.5





#87

1,3-Dichlorobenzene

Concen: 19.956 ug/l

RT: 11.742 min Scan# 3235

Delta R.T. 0.001 min

Lab File: VU052754.D

Acq: 20 Jan 2023 11:46

Instrument :

MSVOA_U

ClientSampleId :

VU0120WBS01

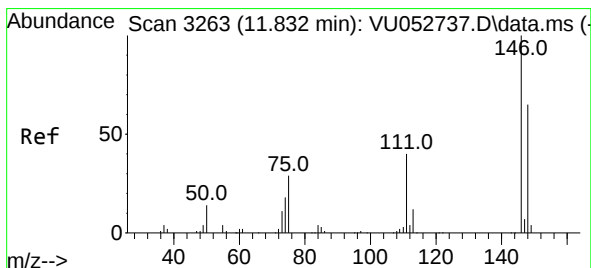
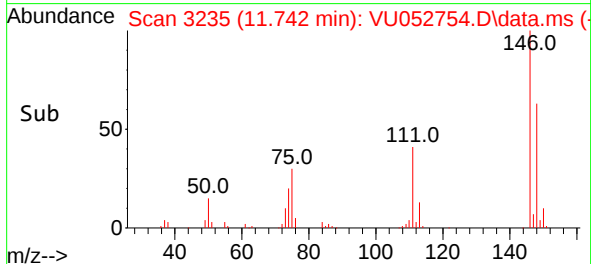
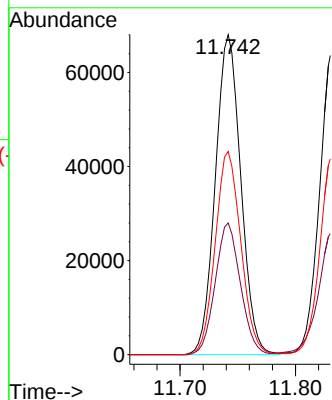
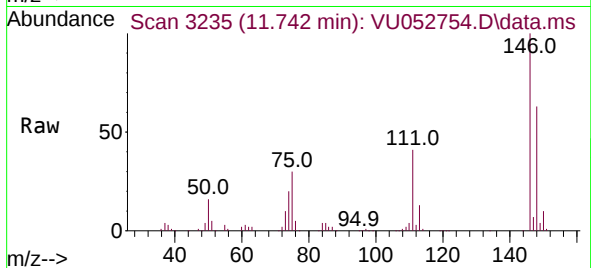
Tgt Ion:146 Resp: 104406

Ion Ratio Lower Upper

146 100

111 40.7 20.1 60.2

148 63.9 31.6 94.7



#88

1,4-Dichlorobenzene

Concen: 19.455 ug/l

RT: 11.832 min Scan# 3263

Delta R.T. 0.000 min

Lab File: VU052754.D

Acq: 20 Jan 2023 11:46

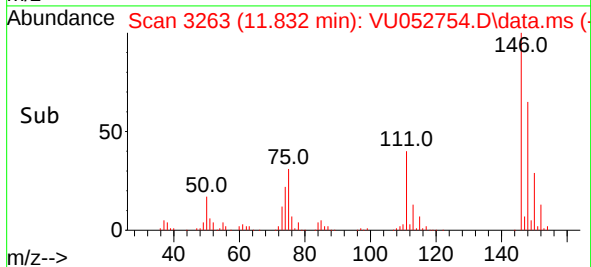
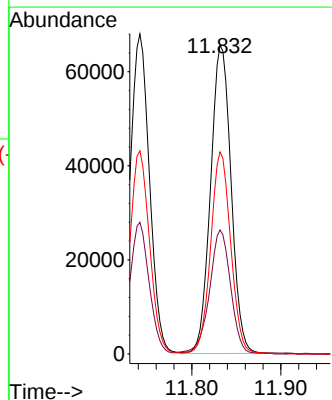
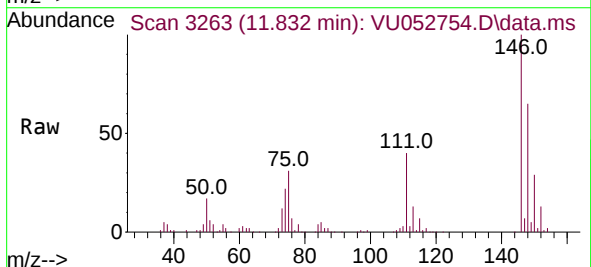
Tgt Ion:146 Resp: 104654

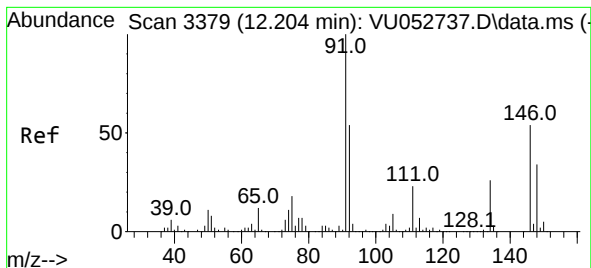
Ion Ratio Lower Upper

146 100

111 41.7 20.3 61.0

148 64.3 32.3 96.8





#89

n-Butylbenzene

Concen: 18.534 ug/l

RT: 12.205 min Scan# 3379

Delta R.T. 0.001 min

Lab File: VU052754.D

Acq: 20 Jan 2023 11:46

Instrument :

MSVOA_U

ClientSampleId :

VU0120WBS01

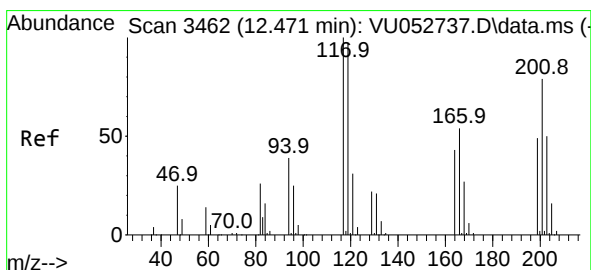
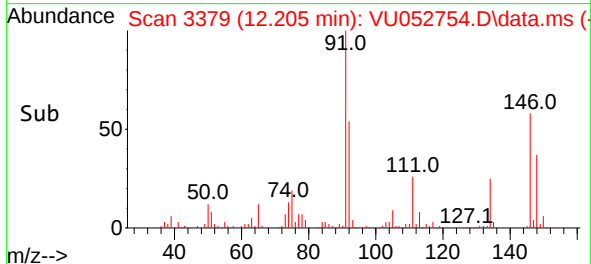
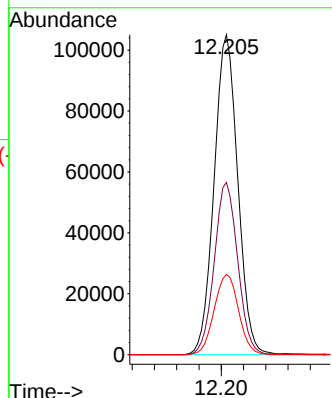
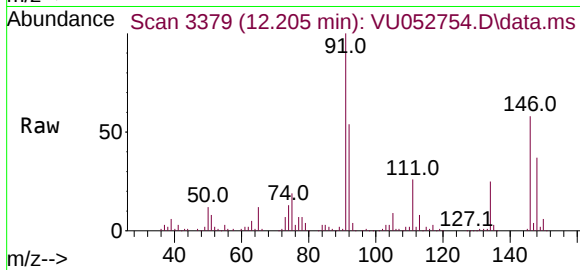
Tgt Ion: 91 Resp: 154949

Ion Ratio Lower Upper

91 100

92 53.4 26.8 80.3

134 25.8 13.1 39.3



#90

Hexachloroethane

Concen: 18.256 ug/l

RT: 12.472 min Scan# 3462

Delta R.T. 0.000 min

Lab File: VU052754.D

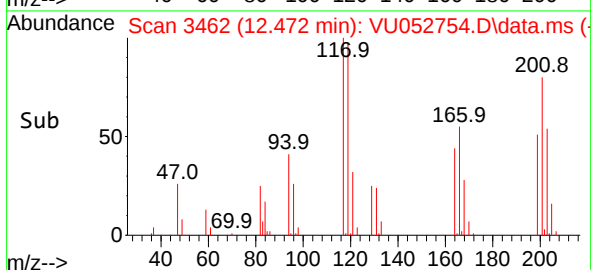
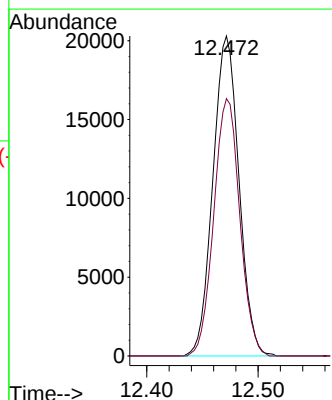
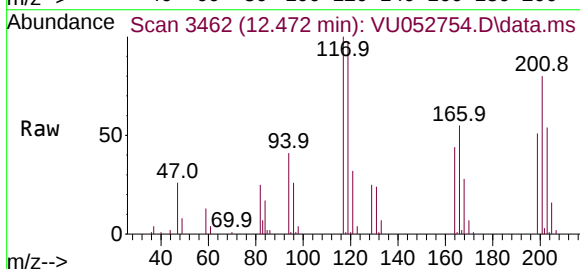
Acq: 20 Jan 2023 11:46

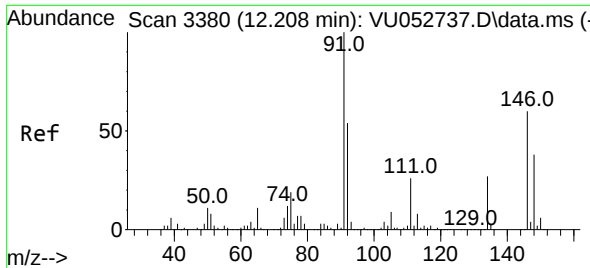
Tgt Ion: 117 Resp: 32987

Ion Ratio Lower Upper

117 100

201 80.3 39.3 117.9

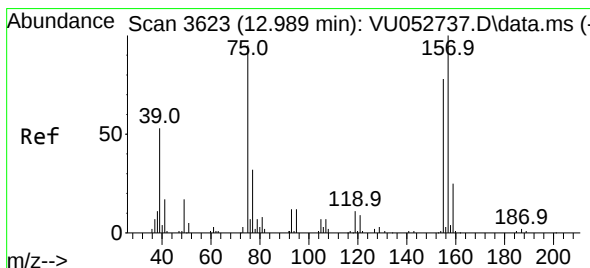
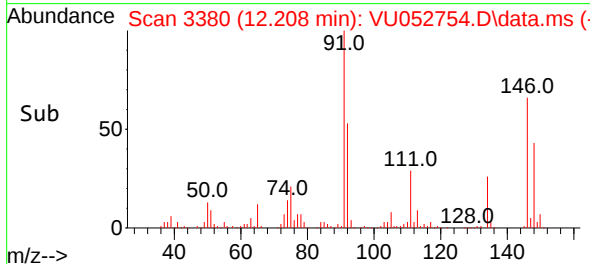
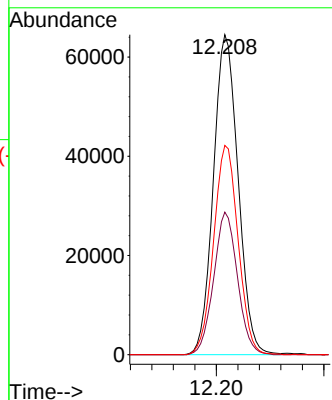
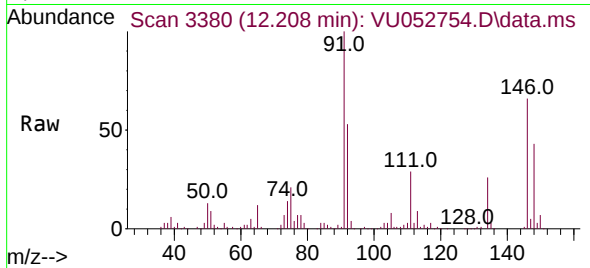




#91
 1,2-Dichlorobenzene
 Concen: 19.518 ug/l
 RT: 12.208 min Scan# 311
 Delta R.T. 0.000 min
 Lab File: VU052754.D
 Acq: 20 Jan 2023 11:46

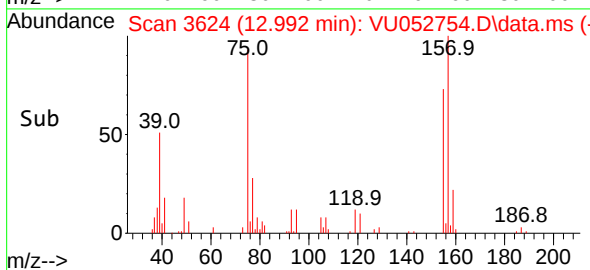
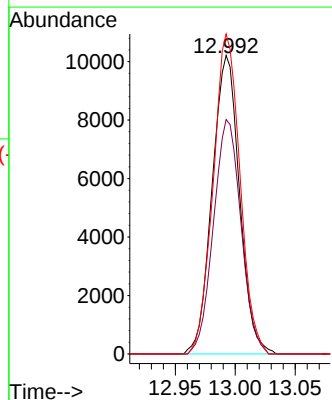
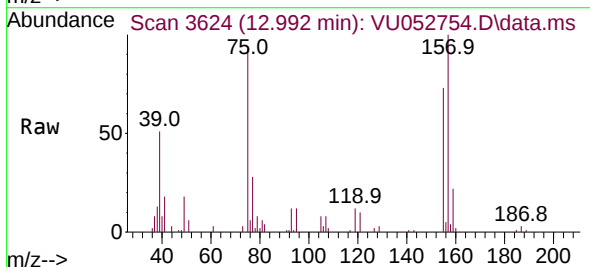
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0120WBS01

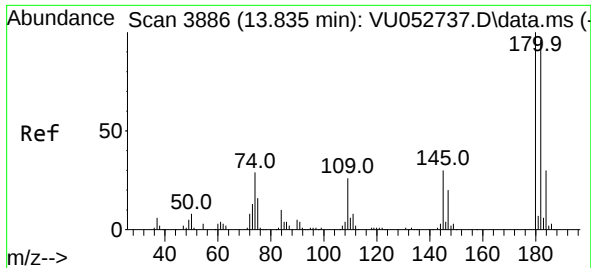
Tgt Ion:146 Resp: 102975
 Ion Ratio Lower Upper
 146 100
 111 42.9 21.1 63.1
 148 64.8 31.4 94.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.507 ug/l
 RT: 12.992 min Scan# 3624
 Delta R.T. 0.003 min
 Lab File: VU052754.D
 Acq: 20 Jan 2023 11:46

Tgt Ion: 75 Resp: 16145
 Ion Ratio Lower Upper
 75 100
 155 79.1 41.4 124.4
 157 105.3 53.4 160.2

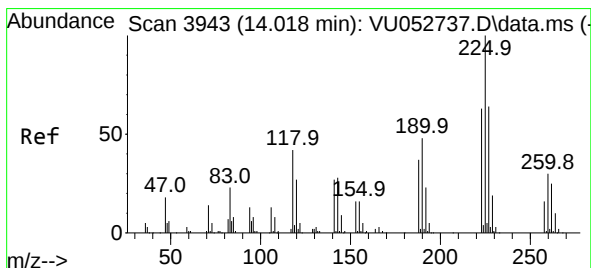
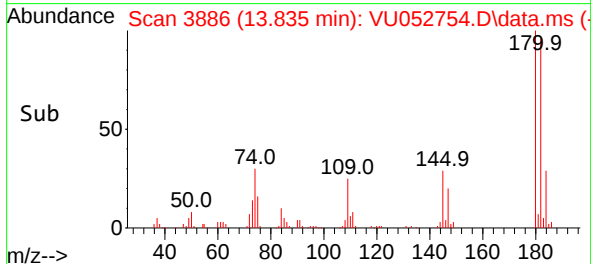
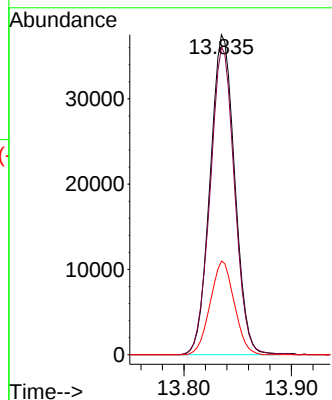
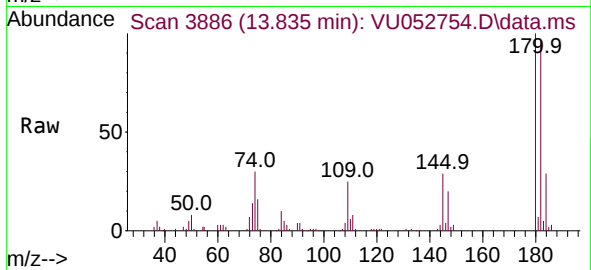




#93
1,2,4-Trichlorobenzene
Concen: 19.337 ug/l
RT: 13.835 min Scan# 3886
Delta R.T. 0.000 min
Lab File: VU052754.D
Acq: 20 Jan 2023 11:46

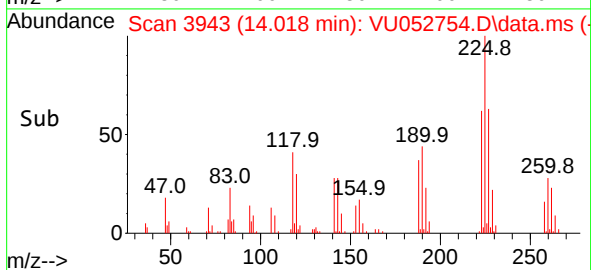
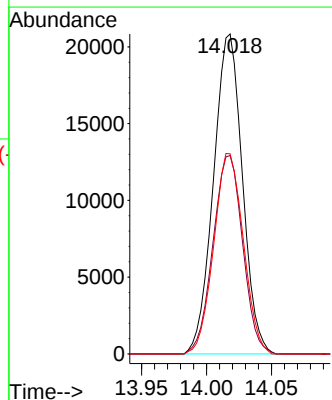
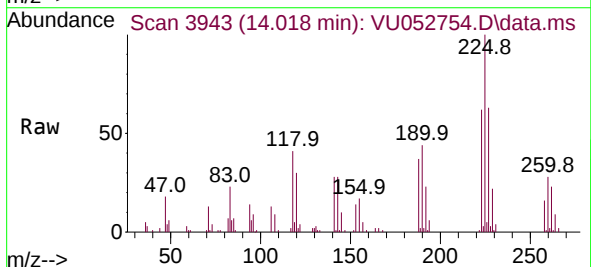
Instrument :
MSVOA_U
ClientSampleId :
VU0120WBS01

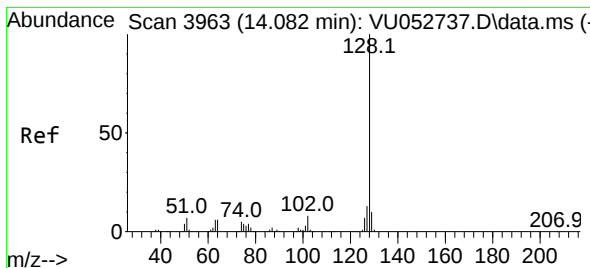
Tgt Ion:180 Resp: 59582
Ion Ratio Lower Upper
180 100
182 95.0 47.4 142.3
145 28.6 14.9 44.5



#94
Hexachlorobutadiene
Concen: 18.886 ug/l
RT: 14.018 min Scan# 3943
Delta R.T. 0.000 min
Lab File: VU052754.D
Acq: 20 Jan 2023 11:46

Tgt Ion:225 Resp: 32256
Ion Ratio Lower Upper
225 100
223 63.5 31.8 95.3
227 64.0 31.8 95.4





#95

Naphthalene

Concen: 17.677 ug/l

RT: 14.082 min Scan# 3963

Delta R.T. 0.000 min

Lab File: VU052754.D

Acq: 20 Jan 2023 11:46

Instrument :

MSVOA_U

ClientSampleId :

VU0120WBS01

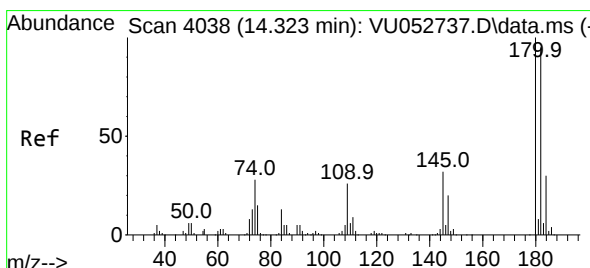
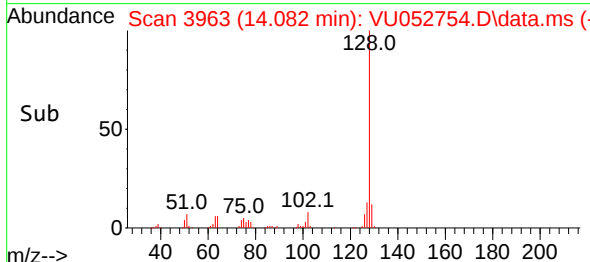
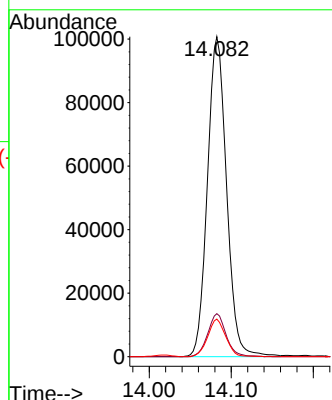
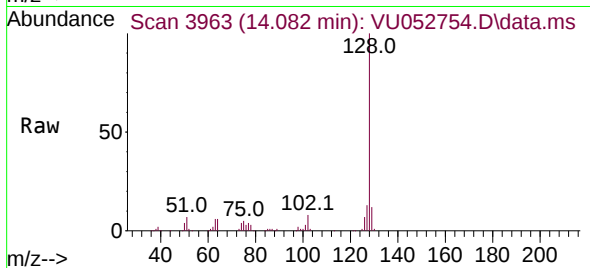
Tgt Ion:128 Resp: 163471

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.353 ug/l

RT: 14.327 min Scan# 4039

Delta R.T. 0.003 min

Lab File: VU052754.D

Acq: 20 Jan 2023 11:46

Tgt Ion:180 Resp: 59200

Ion Ratio Lower Upper

180 100

182 93.8 48.1 144.3

145 31.7 15.8 47.4

