

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011923\
 Data File : VU052740.D
 Acq On : 19 Jan 2023 16:02
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICSVU011923

Quant Time: Jan 20 01:10:53 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	223842	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.247	114	359382	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	336784	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	179696	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.697	65	145395	45.102	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.200%
35) Dibromofluoromethane	5.285	113	118826	47.484	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.960%
50) Toluene-d8	7.893	98	446478	47.576	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.160%
62) 4-Bromofluorobenzene	10.629	95	163385	47.660	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	124446	47.147	ug/l	99
3) Chloromethane	1.520	50	123082	45.397	ug/l	99
4) Vinyl Chloride	1.604	62	131909	48.781	ug/l	97
5) Bromomethane	1.858	94	67620	50.654	ug/l	98
6) Chloroethane	1.935	64	80235	46.939	ug/l	100
7) Trichlorofluoromethane	2.137	101	192965	46.351	ug/l	98
8) Diethyl Ether	2.375	74	72406	47.779	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.581	101	115818	48.109	ug/l	99
10) Methyl Iodide	2.723	142	108655	50.416	ug/l	98
11) Tert butyl alcohol	3.234	59	53122	96.710	ug/l #	71
12) 1,1-Dichloroethene	2.578	96	113284	47.579	ug/l	99
13) Acrolein	2.488	56	127450	252.434	ug/l	100
14) Allyl chloride	2.922	41	191423	51.042	ug/l	99
15) Acrylonitrile	3.314	53	378870	249.979	ug/l	100
16) Acetone	2.639	43	387723	252.353	ug/l	99
17) Carbon Disulfide	2.793	76	330523	46.330	ug/l	100
18) Methyl Acetate	2.948	43	205844	48.408	ug/l	100
19) Methyl tert-butyl Ether	3.359	73	405329	50.248	ug/l	100
20) Methylene Chloride	3.044	84	137876	50.391	ug/l	99
21) trans-1,2-Dichloroethene	3.350	96	125548	48.915	ug/l	98
22) Diisopropyl ether	3.986	45	391168	50.155	ug/l	98
23) Vinyl Acetate	3.951	43	1548711	258.799	ug/l	100
24) 1,1-Dichloroethane	3.867	63	236091	47.729	ug/l	99
25) 2-Butanone	4.703	43	514947	259.876	ug/l	98
26) 2,2-Dichloropropane	4.661	77	199282	49.109	ug/l	99
27) cis-1,2-Dichloroethene	4.665	96	140946	50.025	ug/l	99
28) Bromochloromethane	4.970	49	96375	46.677	ug/l	99
29) Tetrahydrofuran	5.050	42	305371	265.478	ug/l	99
30) Chloroform	5.083	83	239460	45.288	ug/l	98
31) Cyclohexane	5.385	56	212353	47.010	ug/l	99
32) 1,1,1-Trichloroethane	5.311	97	205056	47.347	ug/l	100
36) 1,1-Dichloropropene	5.523	75	180408	50.246	ug/l	99
37) Ethyl Acetate	4.800	43	187152	47.951	ug/l	98
38) Carbon Tetrachloride	5.520	117	178419	48.301	ug/l	98
39) Methylcyclohexane	6.761	83	221059	52.909	ug/l	98
40) Benzene	5.771	78	528799	48.775	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.967	41	98716	52.281	ug/l	99
42) 1,2-Dichloroethane	5.790	62	187289	47.842	ug/l	100
43) Isopropyl Acetate	5.906	43	285423	52.464	ug/l	100
44) Trichloroethene	6.539	130	133608	49.824	ug/l	100
45) 1,2-Dichloropropane	6.787	63	137648	49.224	ug/l	97
46) Dibromomethane	6.915	93	92668	47.852	ug/l	99
47) Bromodichloromethane	7.102	83	184910	47.718	ug/l	100
48) Methyl methacrylate	6.957	41	133915	54.018	ug/l	100
49) 1,4-Dioxane	7.021	88	54303	1130.447	ug/l	99
51) 4-Methyl-2-Pentanone	7.787	43	919010	261.005	ug/l	99
52) Toluene	7.967	92	334449	51.008	ug/l	100
53) t-1,3-Dichloropropene	8.205	75	206844	51.100	ug/l	99
54) cis-1,3-Dichloropropene	7.603	75	220920	51.173	ug/l	99
55) 1,1,2-Trichloroethane	8.394	97	131548	49.151	ug/l	97
56) Ethyl methacrylate	8.330	69	209194	48.803	ug/l	99
57) 1,3-Dichloropropane	8.571	76	230509	49.116	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.459	63	25897	226.321	ug/l	98
59) 2-Hexanone	8.681	43	733998	270.601	ug/l	99
60) Dibromochloromethane	8.806	129	144023	49.002	ug/l	99
61) 1,2-Dibromoethane	8.918	107	140184	49.891	ug/l	100
64) Tetrachloroethene	8.549	164	112454	48.063	ug/l	97
65) Chlorobenzene	9.443	112	350051	49.120	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.529	131	129208	48.365	ug/l	98
67) Ethyl Benzene	9.565	91	622726	51.707	ug/l	100
68) m/p-Xylenes	9.690	106	494665	105.758	ug/l	100
69) o-Xylene	10.095	106	235193	52.672	ug/l	98
70) Styrene	10.111	104	399000	48.982	ug/l	100
71) Bromoform	10.285	173	108025	48.417	ug/l #	97
73) Isopropylbenzene	10.481	105	626052	52.884	ug/l	100
74) N-amyl acetate	10.317	43	242142	53.691	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.777	83	217985	46.477	ug/l	99
76) 1,2,3-Trichloropropane	10.819	75	239217	48.782	ug/l	98
77) Bromobenzene	10.777	156	150588	49.185	ug/l	99
78) n-propylbenzene	10.902	91	746069	53.586	ug/l	99
79) 2-Chlorotoluene	10.983	91	438493	50.968	ug/l	99
80) 1,3,5-Trimethylbenzene	11.082	105	532992	54.196	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.542	75	64602	51.192	ug/l	99
82) 4-Chlorotoluene	11.092	91	508280	51.832	ug/l	100
83) tert-Butylbenzene	11.417	119	525418	52.052	ug/l	100
84) 1,2,4-Trimethylbenzene	11.462	105	530826	54.381	ug/l	100
85) sec-Butylbenzene	11.639	105	675942	54.705	ug/l	100
86) p-Isopropyltoluene	11.790	119	578223	55.034	ug/l	99
87) 1,3-Dichlorobenzene	11.741	146	291531	49.951	ug/l	100
88) 1,4-Dichlorobenzene	11.831	146	293394	48.893	ug/l	99
89) n-Butylbenzene	12.204	91	499252	48.920	ug/l	100
90) Hexachloroethane	12.471	117	97551	48.395	ug/l	100
91) 1,2-Dichlorobenzene	12.208	146	289199	49.137	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.992	75	48831	50.176	ug/l	99
93) 1,2,4-Trichlorobenzene	13.835	180	190089	55.301	ug/l	100
94) Hexachlorobutadiene	14.015	225	94986	49.853	ug/l	99
95) Naphthalene	14.082	128	569294	49.878	ug/l	100
96) 1,2,3-Trichlorobenzene	14.323	180	187290	54.884	ug/l	100

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QLast Update : Fri Jan 20 01:04:16 2023
Response via : Initial Calibration

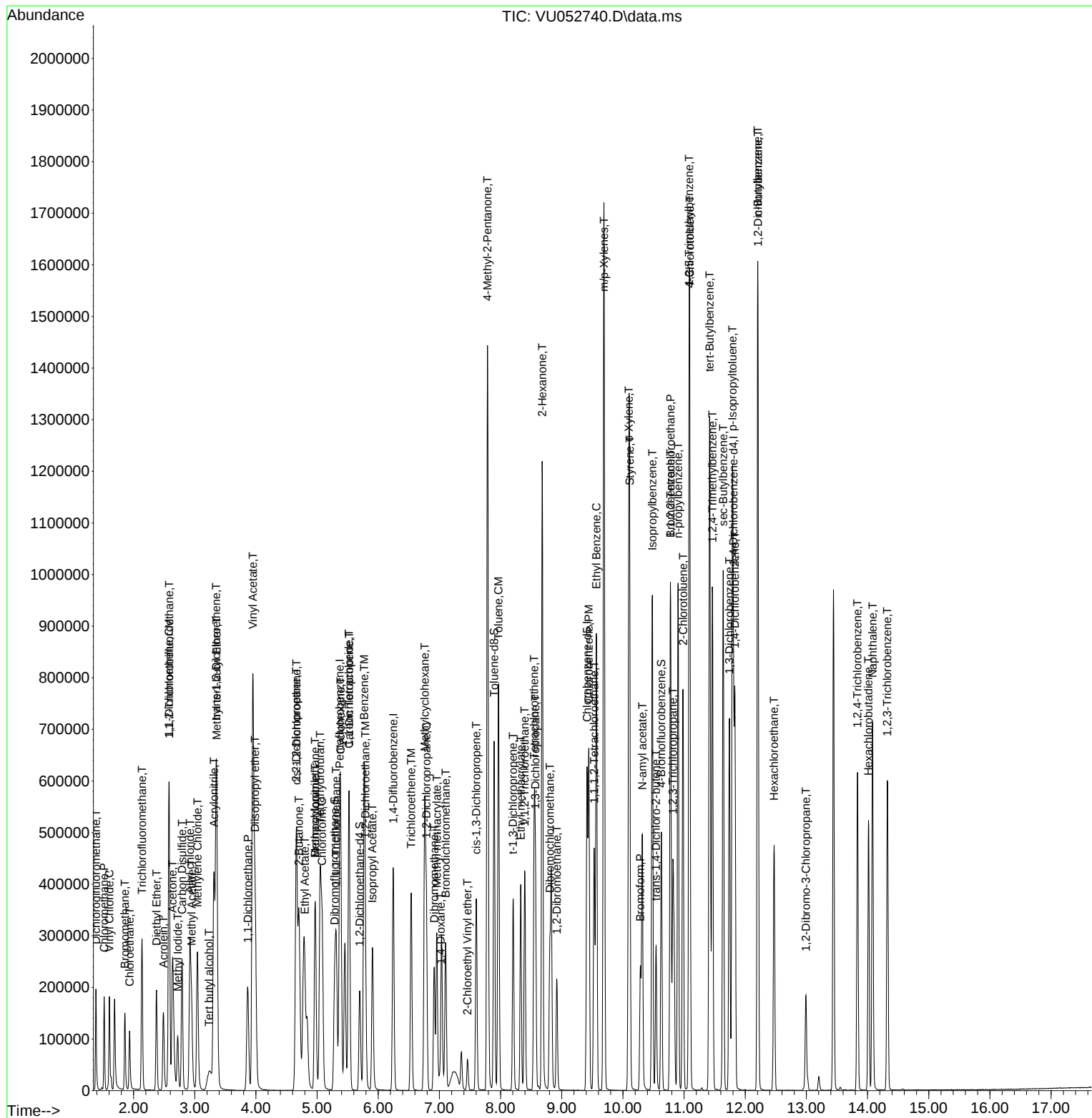
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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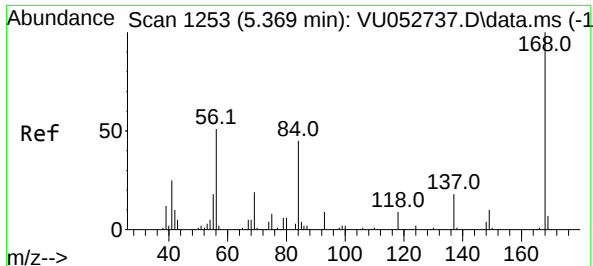
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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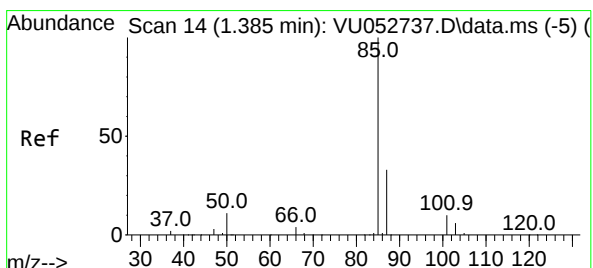
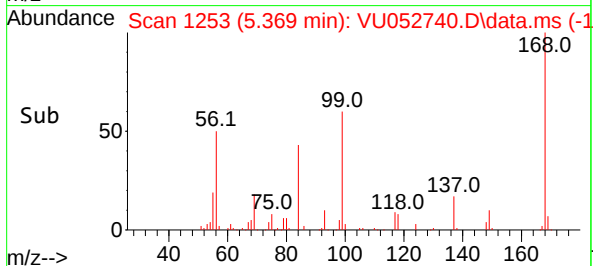
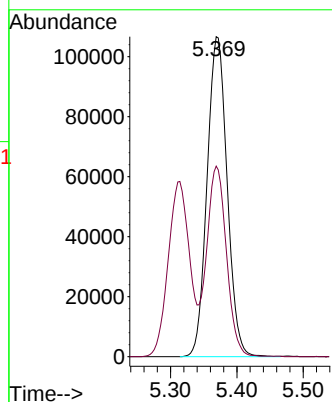
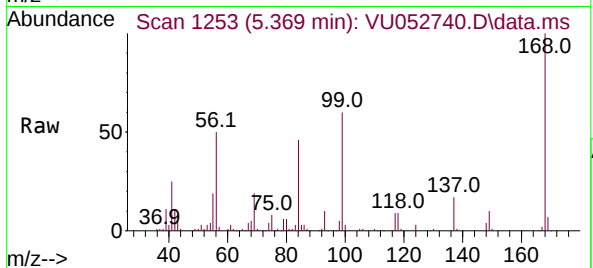




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. -0.000 min
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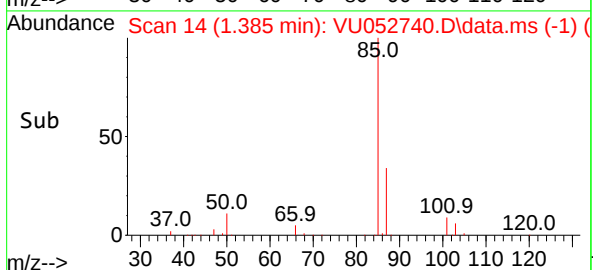
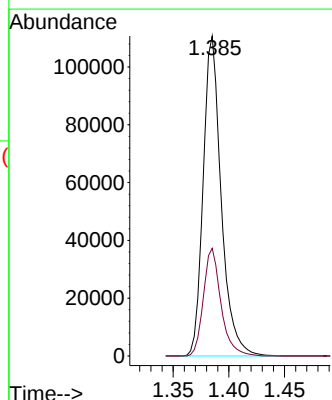
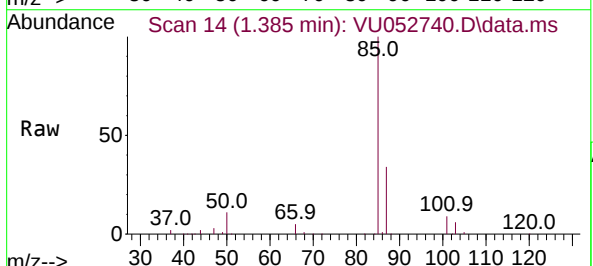
Instrument :
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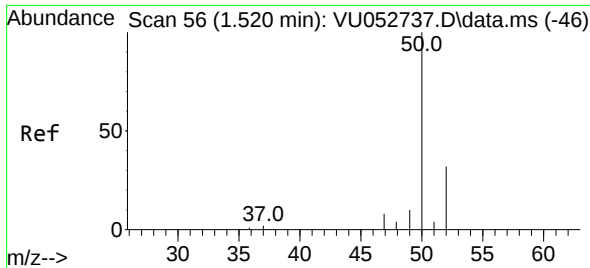
Tgt Ion:168 Resp: 223842
Ion Ratio Lower Upper
168 100
99 59.4 46.4 69.6



#2
Dichlorodifluoromethane
Concen: 47.147 ug/l
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU052740.D
Acq: 19 Jan 2023 16:02

Tgt Ion: 85 Resp: 124446
Ion Ratio Lower Upper
85 100
87 33.6 16.6 49.7

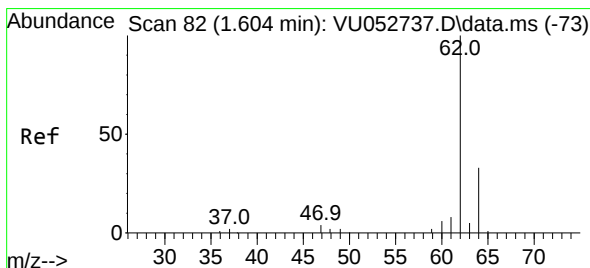
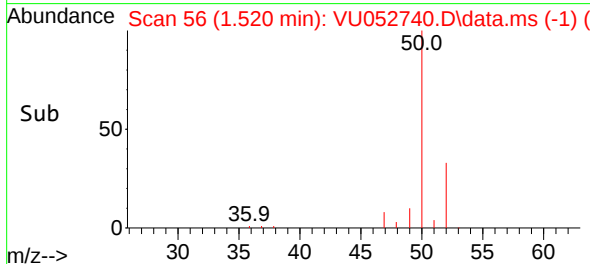
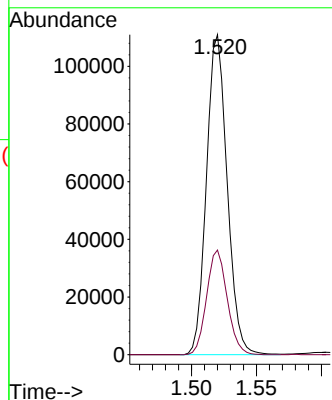
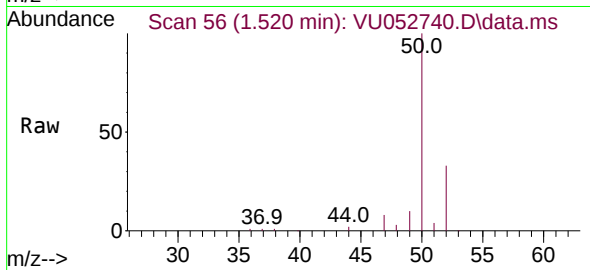




#3
Chloromethane
Concen: 45.397 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.000 min
Lab File: VU052740.D
Acq: 19 Jan 2023 16:02

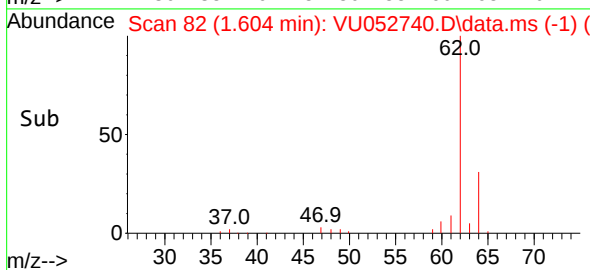
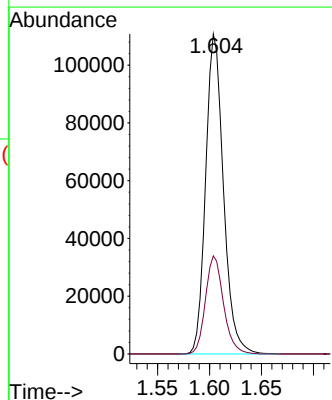
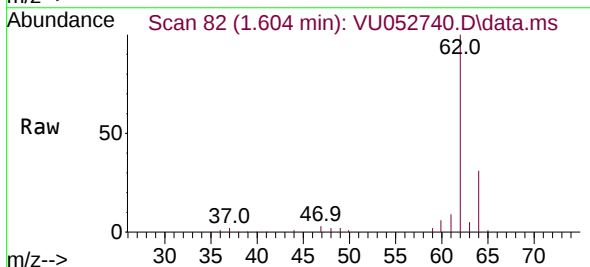
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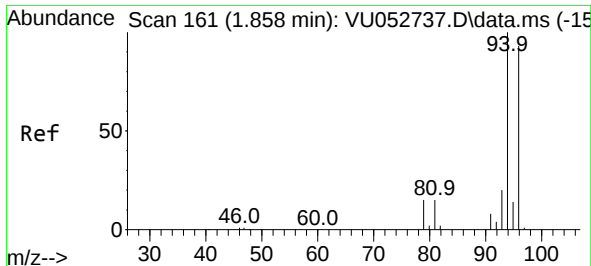
Tgt Ion: 50 Resp: 123082
Ion Ratio Lower Upper
50 100
52 32.7 25.8 38.6



#4
Vinyl Chloride
Concen: 48.781 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU052740.D
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Tgt Ion: 62 Resp: 131909
Ion Ratio Lower Upper
62 100
64 30.6 26.1 39.1

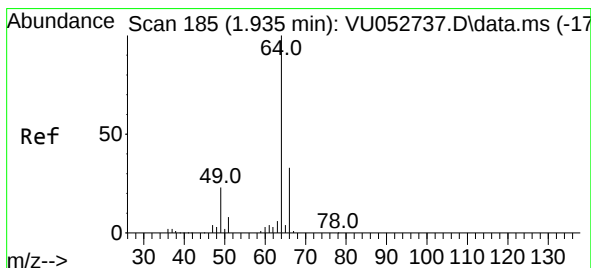
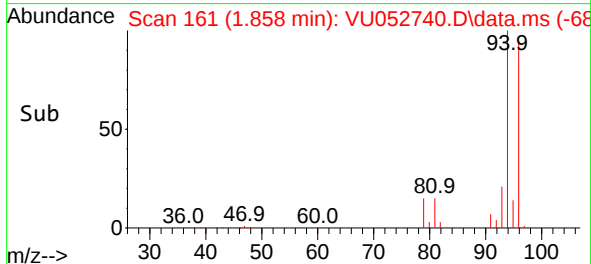
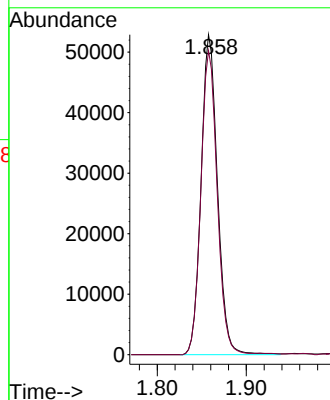
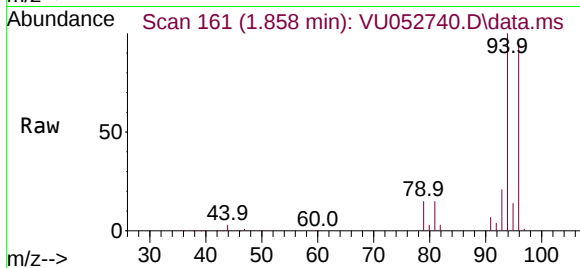




#5
Bromomethane
Concen: 50.654 ug/l
RT: 1.858 min Scan# 161
Delta R.T. -0.000 min
Lab File: VU052740.D
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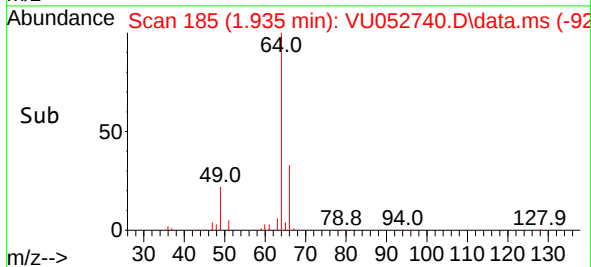
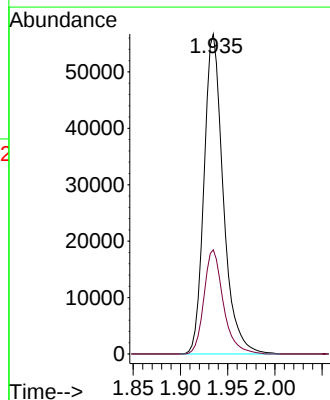
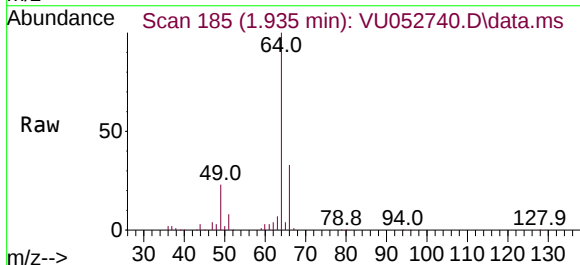
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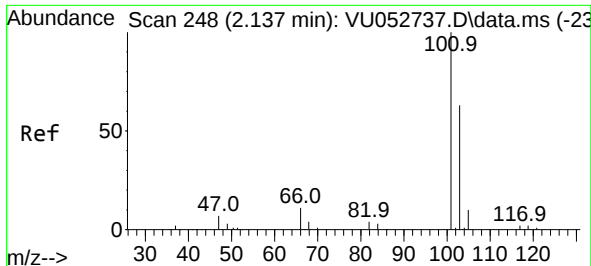
Tgt Ion: 94 Resp: 67620
Ion Ratio Lower Upper
94 100
96 95.0 74.3 111.5



#6
Chloroethane
Concen: 46.939 ug/l
RT: 1.935 min Scan# 185
Delta R.T. -0.000 min
Lab File: VU052740.D
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Tgt Ion: 64 Resp: 80235
Ion Ratio Lower Upper
64 100
66 32.5 26.1 39.1

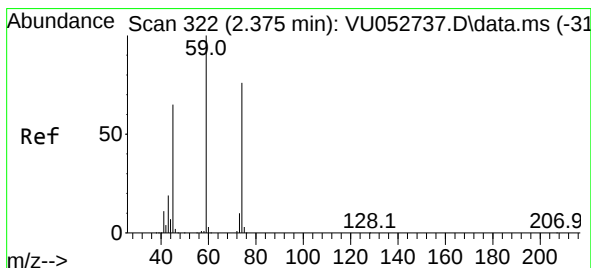
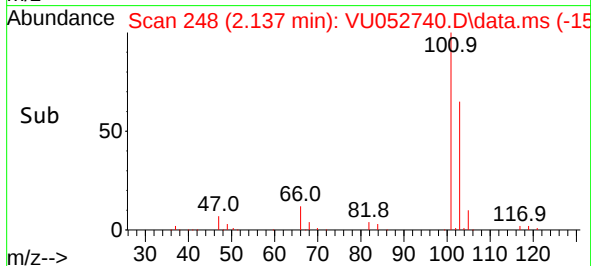
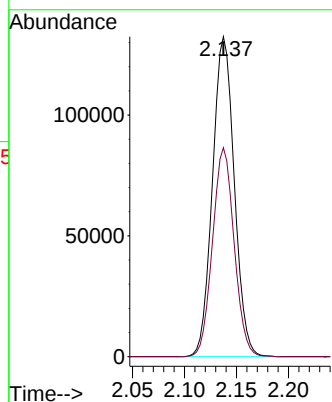
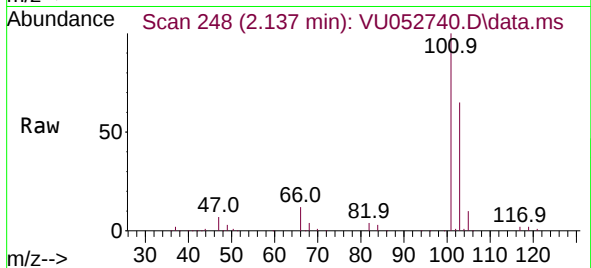




#7
 Trichlorofluoromethane
 Concen: 46.351 ug/l
 RT: 2.137 min Scan# 248
 Delta R.T. -0.000 min
 Lab File: VU052740.D
 Acq: 19 Jan 2023 16:02

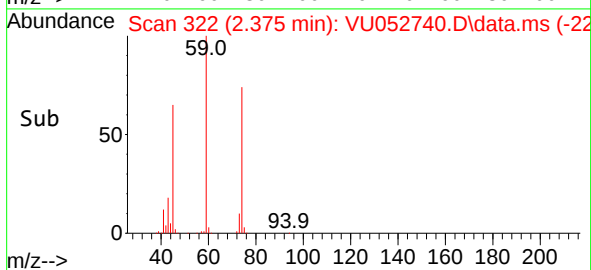
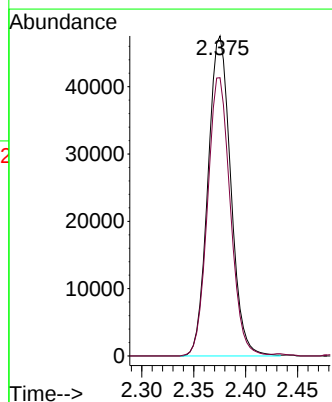
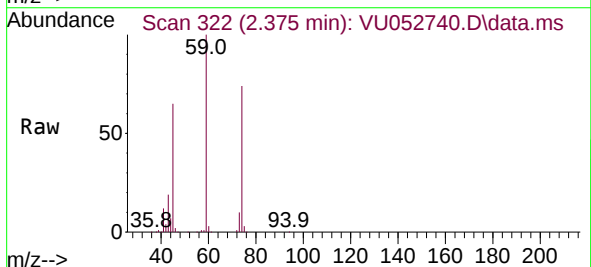
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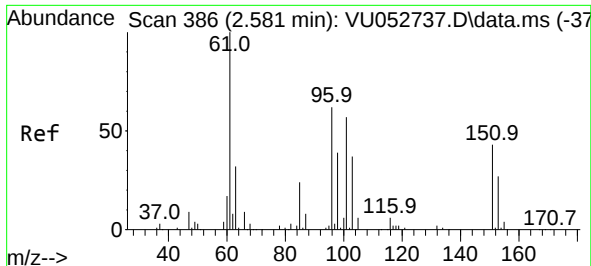
Tgt Ion:101 Resp: 192965
 Ion Ratio Lower Upper
 101 100
 103 65.3 50.7 76.1



#8
 Diethyl Ether
 Concen: 47.779 ug/l
 RT: 2.375 min Scan# 322
 Delta R.T. -0.000 min
 Lab File: VU052740.D
 Acq: 19 Jan 2023 16:02

Tgt Ion: 74 Resp: 72406
 Ion Ratio Lower Upper
 74 100
 45 86.8 42.4 127.3

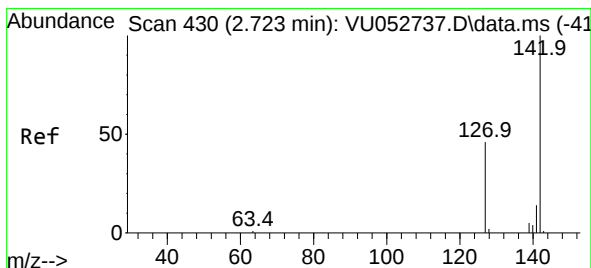
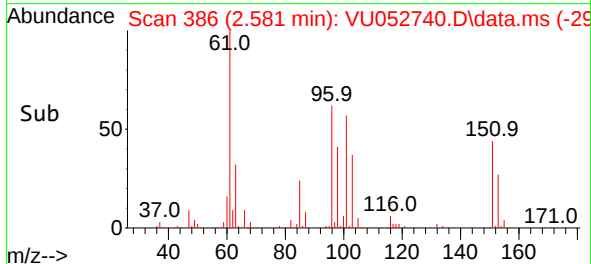
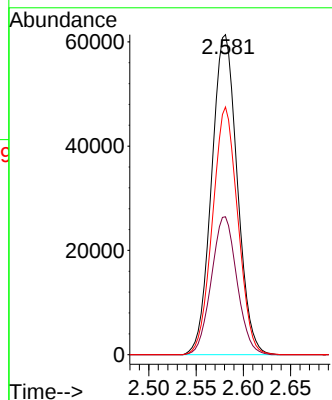
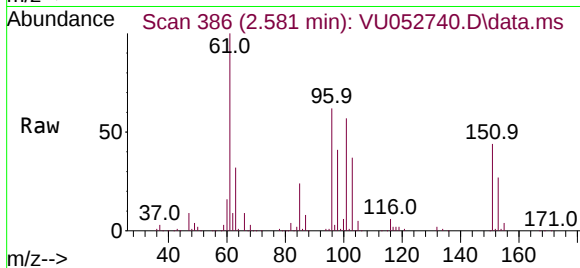




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.109 ug/l
RT: 2.581 min Scan# 386
Delta R.T. -0.000 min
Lab File: VU052740.D
Acq: 19 Jan 2023 16:02

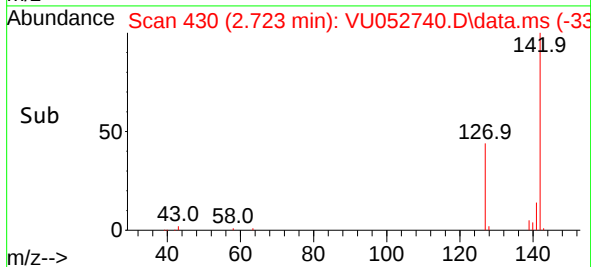
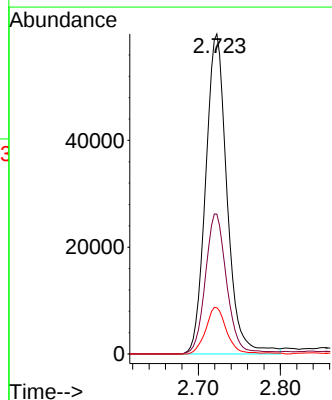
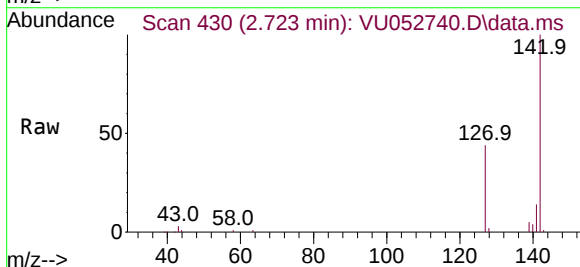
Instrument :
MSVOA_U
ClientSampleId :
ICVVU011923

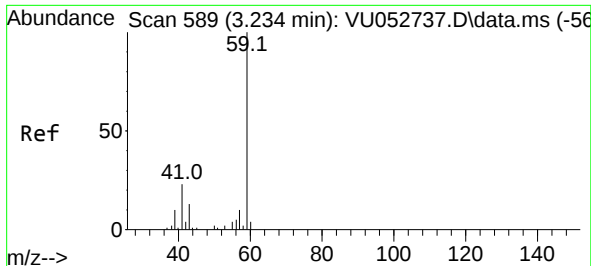
Tgt Ion:101 Resp: 115818
Ion Ratio Lower Upper
101 100
85 43.0 35.1 52.7
151 76.3 61.9 92.9



#10
Methyl Iodide
Concen: 50.416 ug/l
RT: 2.723 min Scan# 430
Delta R.T. -0.000 min
Lab File: VU052740.D
Acq: 19 Jan 2023 16:02

Tgt Ion:142 Resp: 108655
Ion Ratio Lower Upper
142 100
127 44.0 36.3 54.5
141 14.1 11.8 17.6

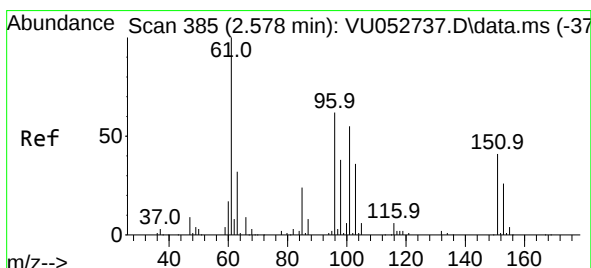
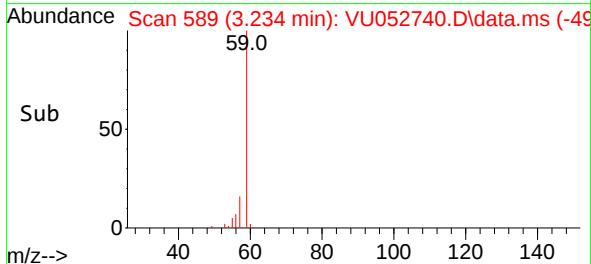
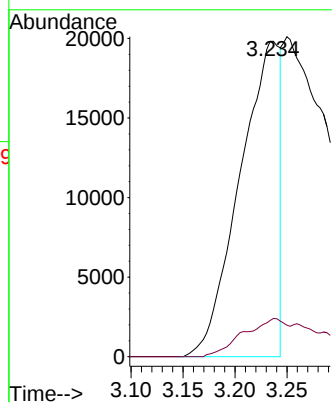
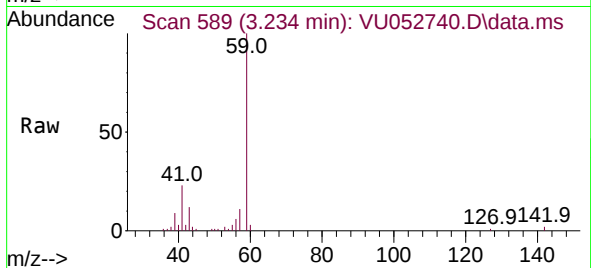




#11
Tert butyl alcohol
Concen: 96.710 ug/l
RT: 3.234 min Scan# 589
Delta R.T. -0.000 min
Lab File: VU052740.D
Acq: 19 Jan 2023 16:02

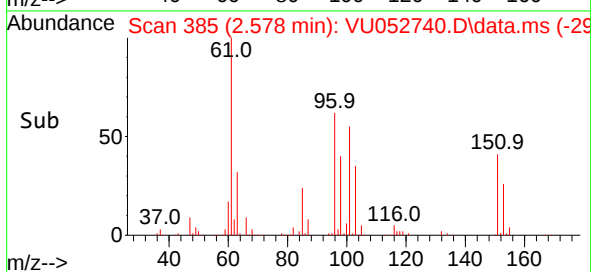
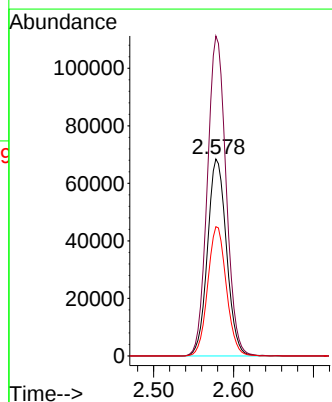
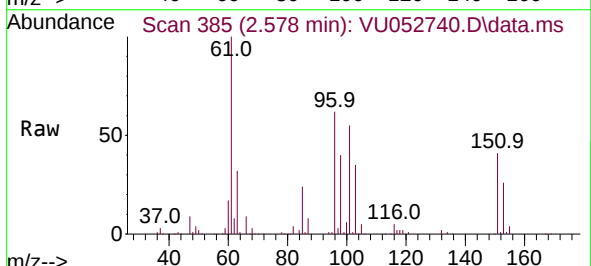
Instrument :
MSVOA_U
ClientSampleId :
ICVVU011923

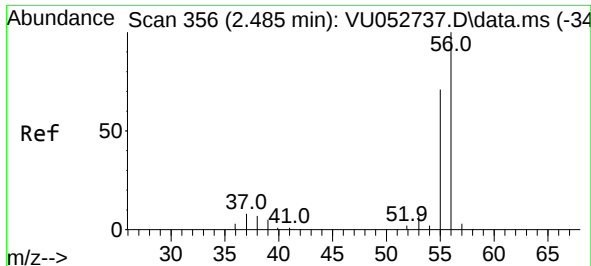
Tgt Ion: 59 Resp: 53122
Ion Ratio Lower Upper
59 100
57 13.3 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 47.579 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.000 min
Lab File: VU052740.D
Acq: 19 Jan 2023 16:02

Tgt Ion: 96 Resp: 113284
Ion Ratio Lower Upper
96 100
61 162.5 129.8 194.6
98 65.6 49.9 74.9





#13

Acrolein

Concen: 252.434 ug/l

RT: 2.488 min Scan# 356

Delta R.T. 0.003 min

Lab File: VU052740.D

Acq: 19 Jan 2023 16:02

Instrument :

MSVOA_U

ClientSampleId :

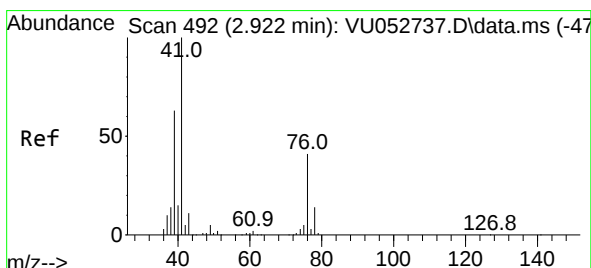
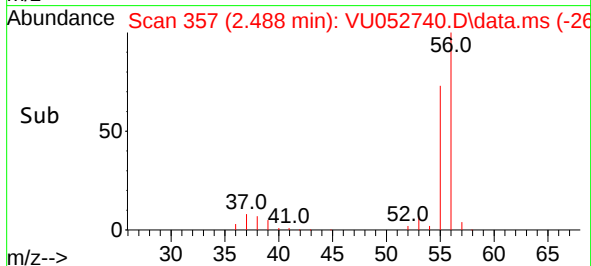
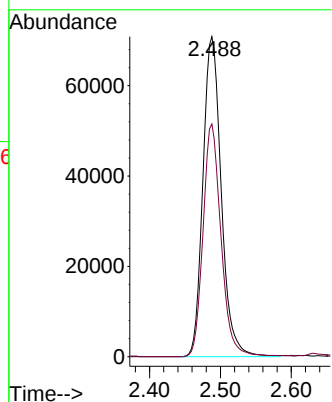
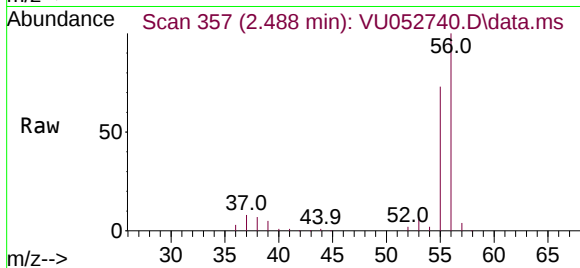
ICVVU011923

Tgt Ion: 56 Resp: 127450

Ion Ratio Lower Upper

56 100

55 71.5 57.2 85.8



#14

Allyl chloride

Concen: 51.042 ug/l

RT: 2.922 min Scan# 492

Delta R.T. -0.000 min

Lab File: VU052740.D

Acq: 19 Jan 2023 16:02

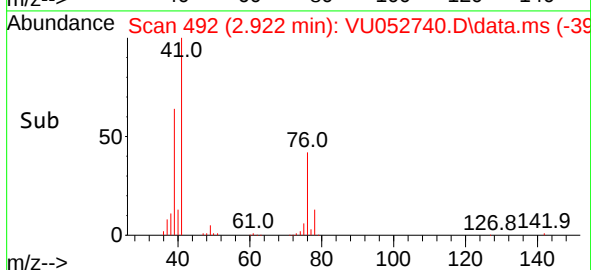
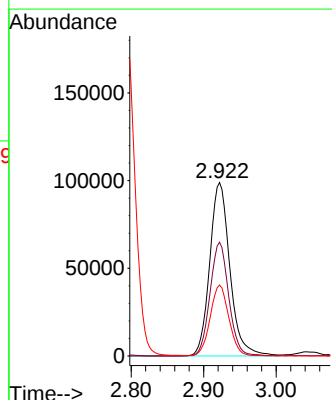
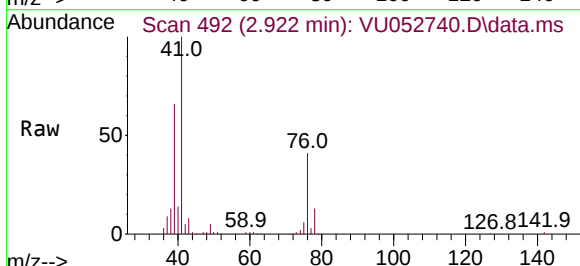
Tgt Ion: 41 Resp: 191423

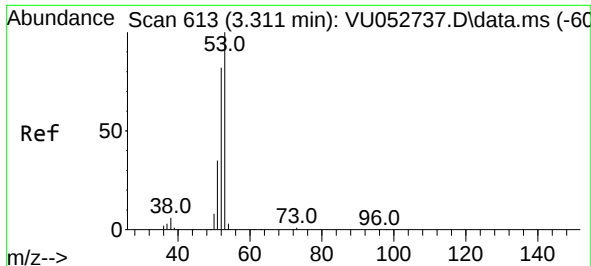
Ion Ratio Lower Upper

41 100

39 60.7 48.2 72.2

76 37.9 29.4 44.0

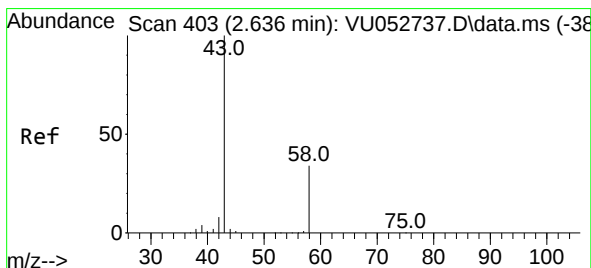
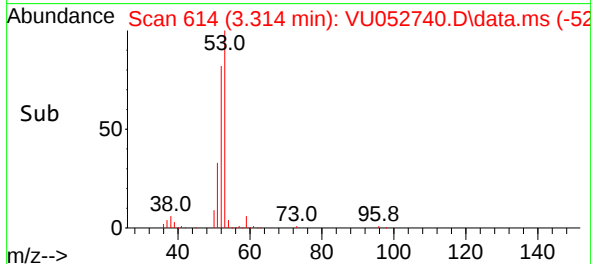
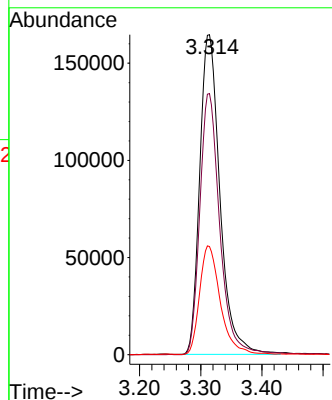
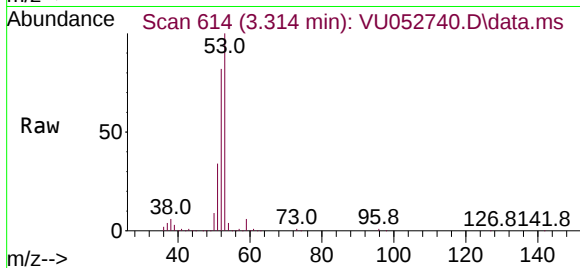




#15
Acrylonitrile
Concen: 249.979 ug/l
RT: 3.314 min Scan# 613
Delta R.T. 0.003 min
Lab File: VU052740.D
Acq: 19 Jan 2023 16:02

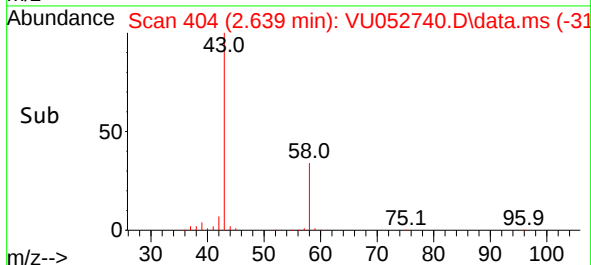
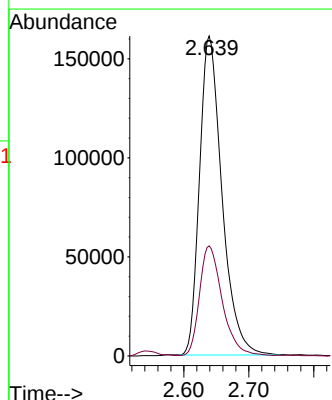
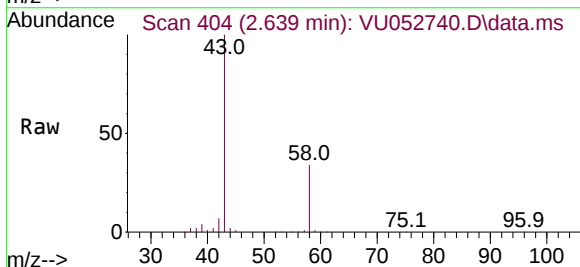
Instrument :
MSVOA_U
ClientSampleId :
ICVVU011923

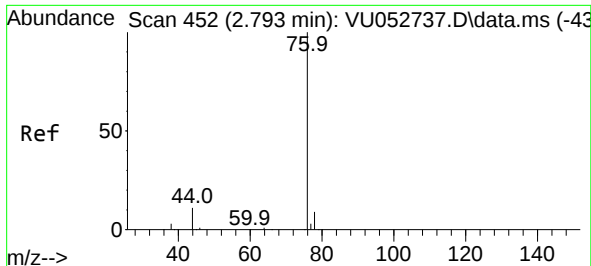
Tgt Ion: 53 Resp: 378870
Ion Ratio Lower Upper
53 100
52 80.7 64.9 97.3
51 34.7 27.6 41.4



#16
Acetone
Concen: 252.353 ug/l
RT: 2.639 min Scan# 404
Delta R.T. 0.003 min
Lab File: VU052740.D
Acq: 19 Jan 2023 16:02

Tgt Ion: 43 Resp: 387723
Ion Ratio Lower Upper
43 100
58 34.4 27.1 40.7

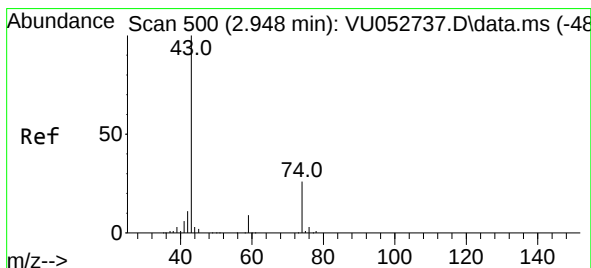
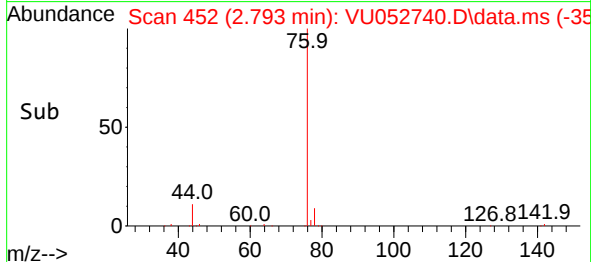
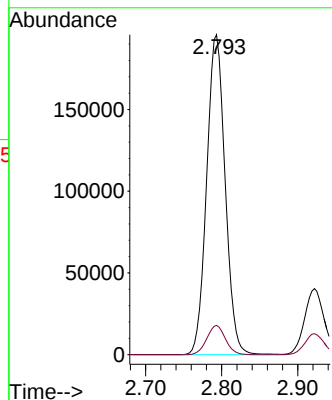
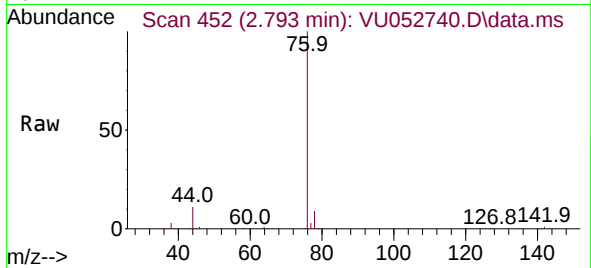




#17
Carbon Disulfide
Concen: 46.330 ug/l
RT: 2.793 min Scan# 452
Delta R.T. -0.000 min
Lab File: VU052740.D
Acq: 19 Jan 2023 16:02

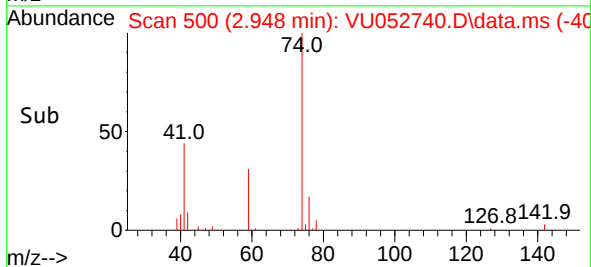
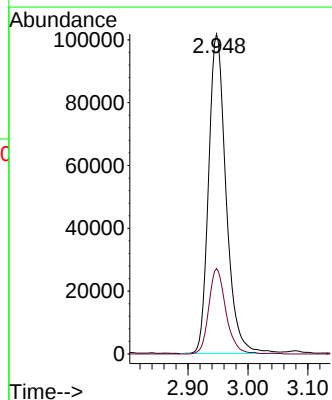
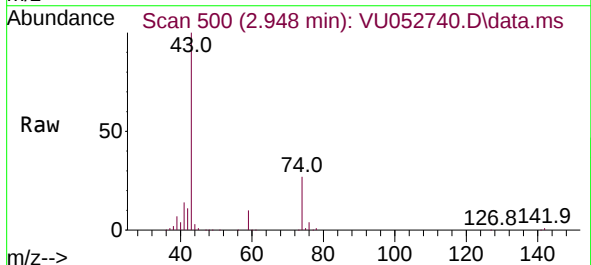
Instrument :
MSVOA_U
ClientSampleId :
ICVVU011923

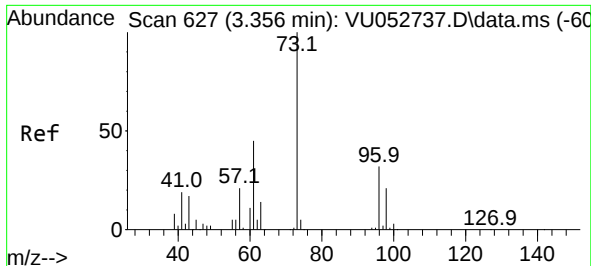
Tgt Ion: 76 Resp: 330523
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2



#18
Methyl Acetate
Concen: 48.408 ug/l
RT: 2.948 min Scan# 500
Delta R.T. -0.000 min
Lab File: VU052740.D
Acq: 19 Jan 2023 16:02

Tgt Ion: 43 Resp: 205844
Ion Ratio Lower Upper
43 100
74 26.2 21.1 31.7





#19

Methyl tert-butyl Ether

Concen: 50.248 ug/l

RT: 3.359 min Scan# 61

Delta R.T. 0.003 min

Lab File: VU052740.D

Acq: 19 Jan 2023 16:02

Instrument :

MSVOA_U

ClientSampleId :

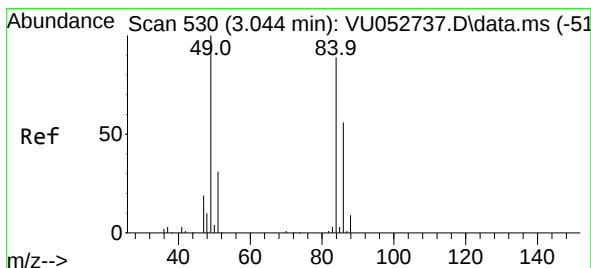
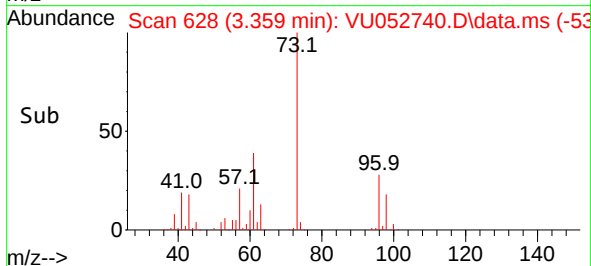
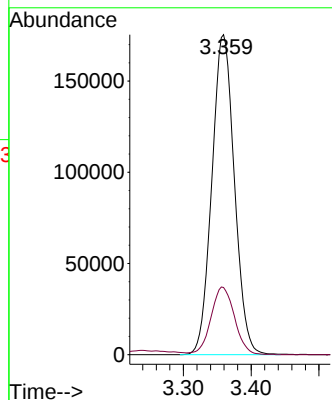
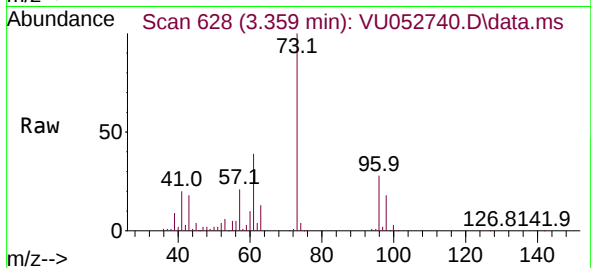
ICVVU011923

Tgt Ion: 73 Resp: 405329

Ion Ratio Lower Upper

73 100

57 21.0 16.9 25.3



#20

Methylene Chloride

Concen: 50.391 ug/l

RT: 3.044 min Scan# 530

Delta R.T. 0.000 min

Lab File: VU052740.D

Acq: 19 Jan 2023 16:02

Tgt Ion: 84 Resp: 137876

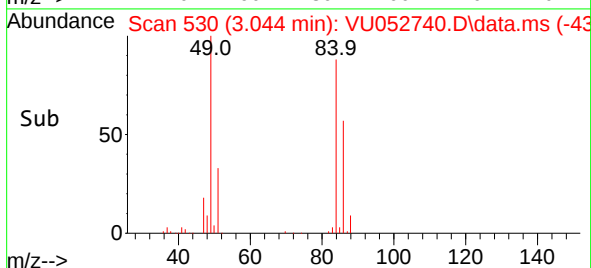
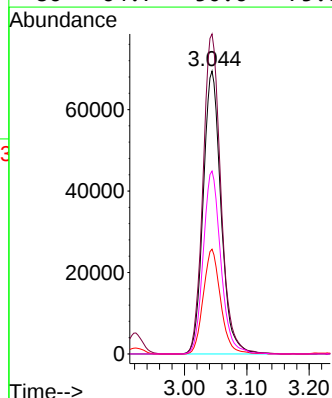
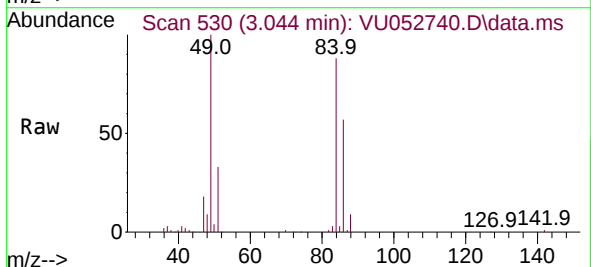
Ion Ratio Lower Upper

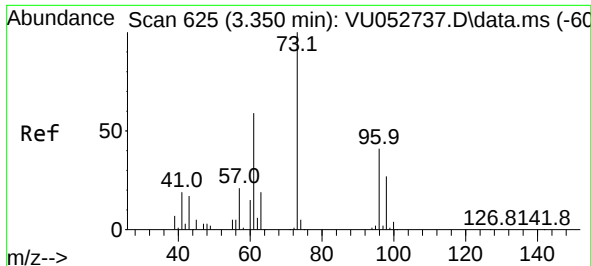
84 100

49 113.1 90.2 135.4

51 37.1 28.1 42.1

86 64.7 50.6 75.8

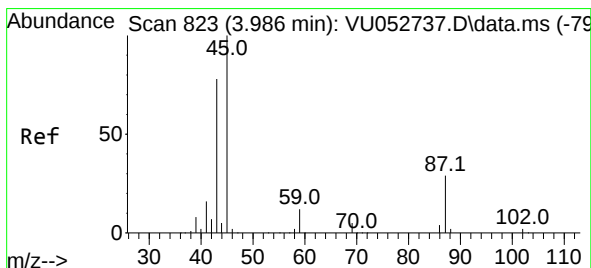
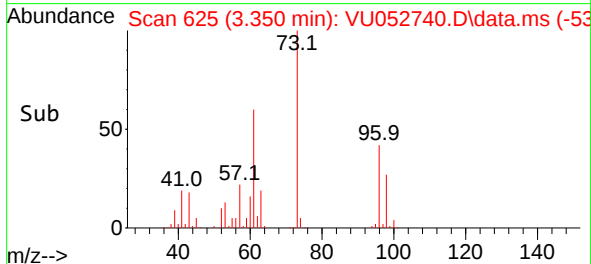
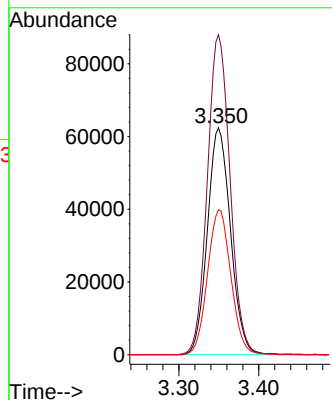
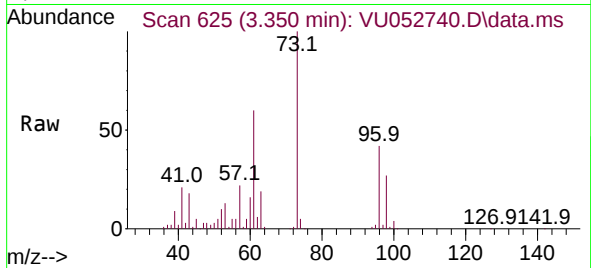




#21
trans-1,2-Dichloroethene
Concen: 48.915 ug/l
RT: 3.350 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU052740.D
Acq: 19 Jan 2023 16:02

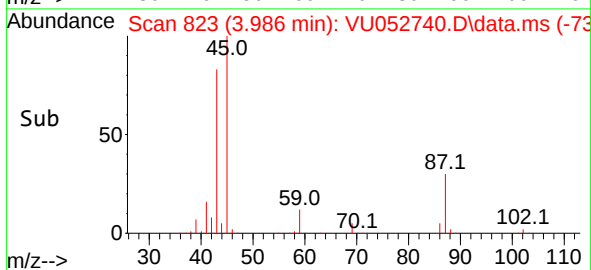
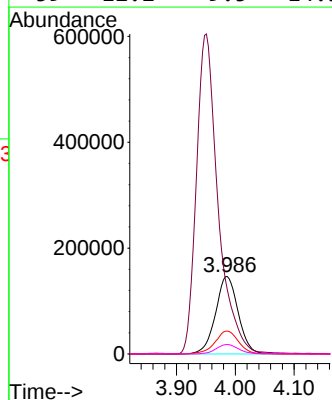
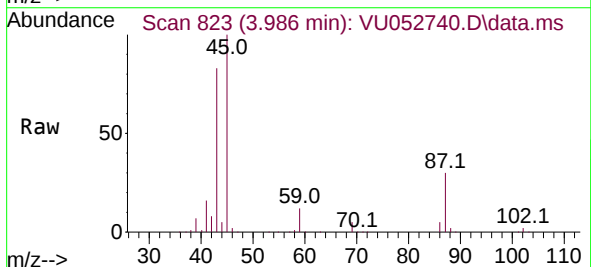
Instrument :
MSVOA_U
ClientSampleId :
ICVVU011923

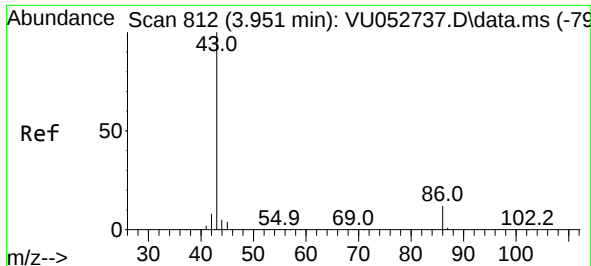
Tgt Ion: 96 Resp: 125548
Ion Ratio Lower Upper
96 100
61 140.8 114.7 172.1
98 63.9 52.4 78.6



#22
Diisopropyl ether
Concen: 50.155 ug/l
RT: 3.986 min Scan# 823
Delta R.T. -0.000 min
Lab File: VU052740.D
Acq: 19 Jan 2023 16:02

Tgt Ion: 45 Resp: 391168
Ion Ratio Lower Upper
45 100
43 82.5 64.6 97.0
87 29.6 23.2 34.8
59 12.2 9.5 14.3

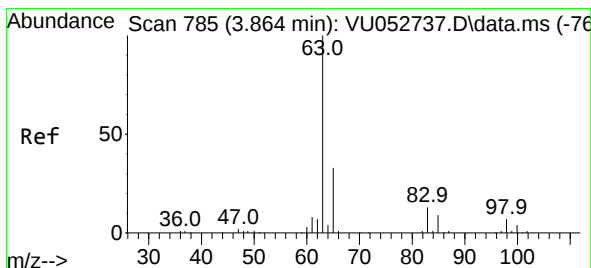
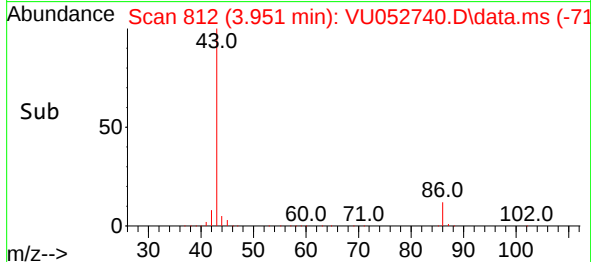
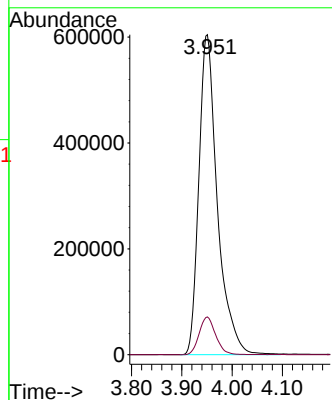
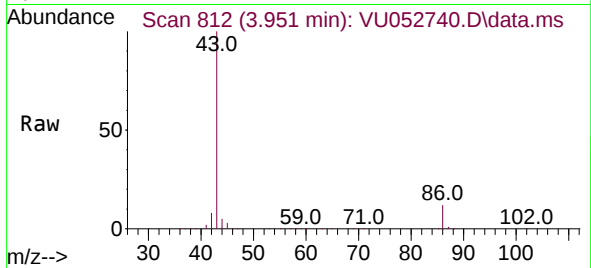




#23
 Vinyl Acetate
 Concen: 258.799 ug/l
 RT: 3.951 min Scan# 812
 Delta R.T. -0.000 min
 Lab File: VU052740.D
 Acq: 19 Jan 2023 16:02

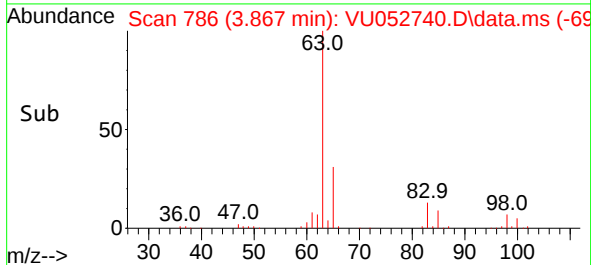
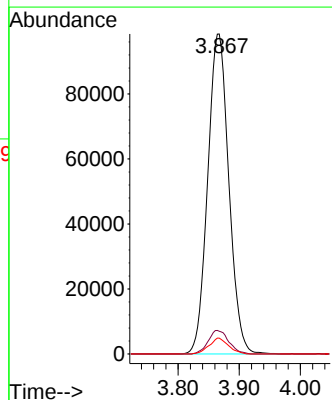
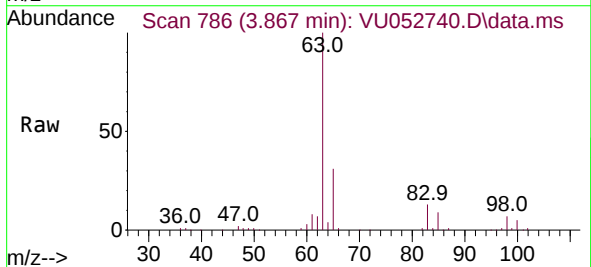
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU011923

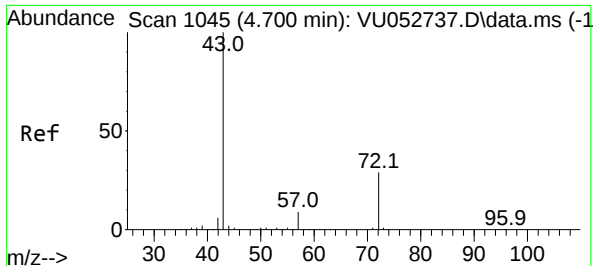
Tgt Ion: 43 Resp: 1548711
 Ion Ratio Lower Upper
 43 100
 86 11.8 9.4 14.0



#24
 1,1-Dichloroethane
 Concen: 47.729 ug/l
 RT: 3.867 min Scan# 786
 Delta R.T. 0.003 min
 Lab File: VU052740.D
 Acq: 19 Jan 2023 16:02

Tgt Ion: 63 Resp: 236091
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.6 10.9
 100 5.0 2.2 6.6





#25

2-Butanone

Concen: 259.876 ug/l

RT: 4.703 min Scan# 1046

Delta R.T. 0.003 min

Lab File: VU052740.D

Acq: 19 Jan 2023 16:02

Instrument :

MSVOA_U

ClientSampleId :

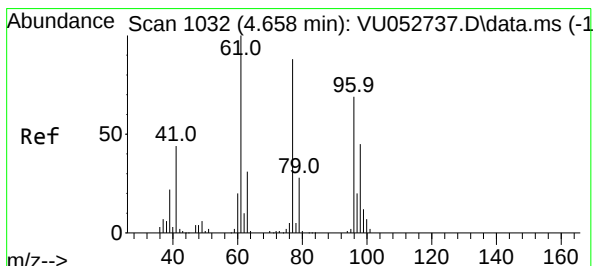
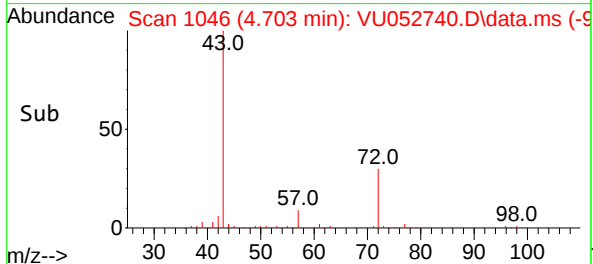
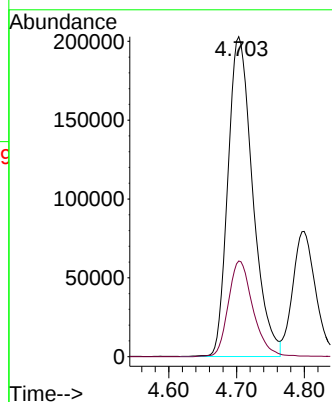
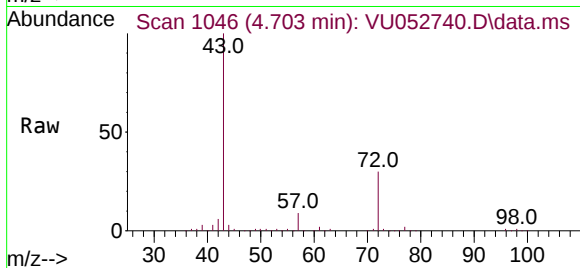
ICVVU011923

Tgt Ion: 43 Resp: 514947

Ion Ratio Lower Upper

43 100

72 29.9 23.3 34.9



#26

2,2-Dichloropropane

Concen: 49.109 ug/l

RT: 4.661 min Scan# 1033

Delta R.T. 0.003 min

Lab File: VU052740.D

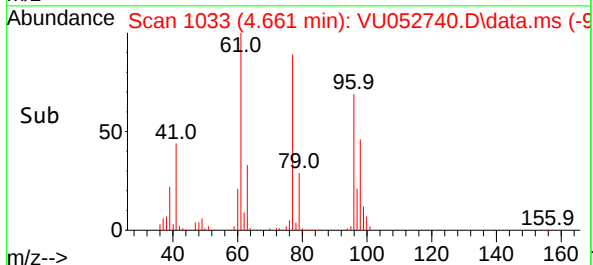
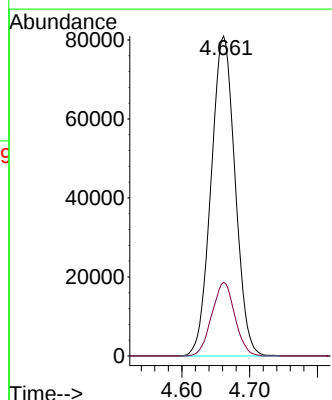
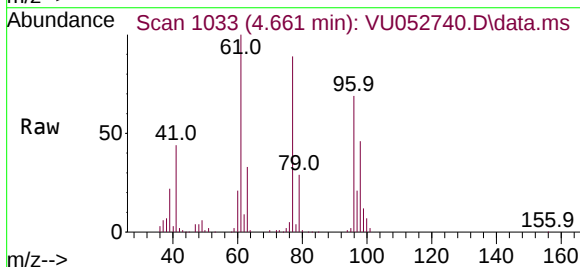
Acq: 19 Jan 2023 16:02

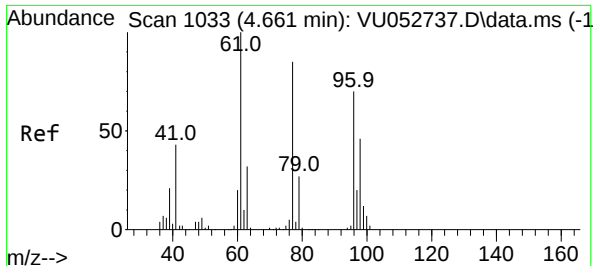
Tgt Ion: 77 Resp: 199282

Ion Ratio Lower Upper

77 100

97 22.1 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 50.025 ug/l

RT: 4.665 min Scan# 1033

Delta R.T. 0.003 min

Lab File: VU052740.D

Acq: 19 Jan 2023 16:02

Instrument :

MSVOA_U

ClientSampleId :

ICVVU011923

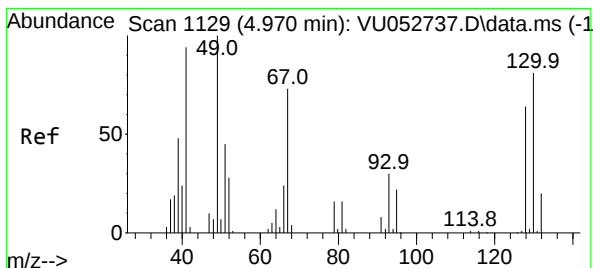
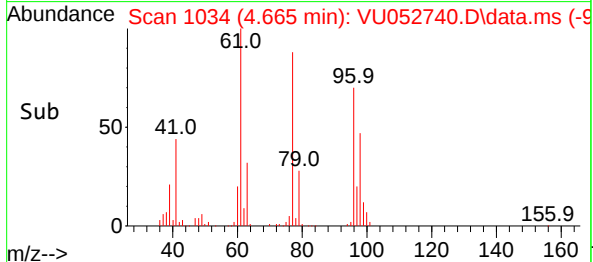
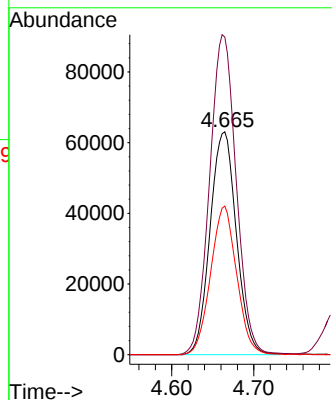
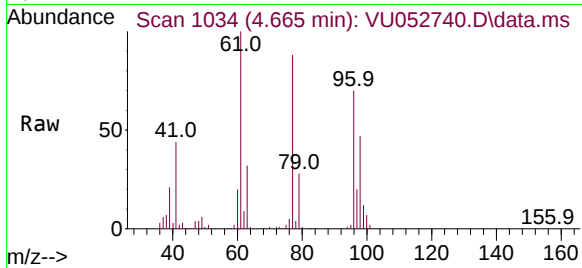
Tgt Ion: 96 Resp: 140946

Ion Ratio Lower Upper

96 100

61 145.0 0.0 287.2

98 65.8 0.0 128.4



#28

Bromochloromethane

Concen: 46.677 ug/l

RT: 4.970 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VU052740.D

Acq: 19 Jan 2023 16:02

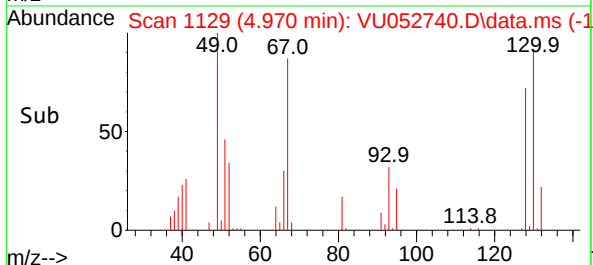
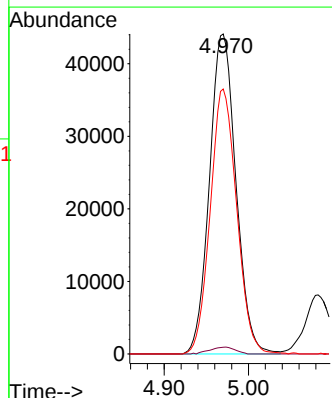
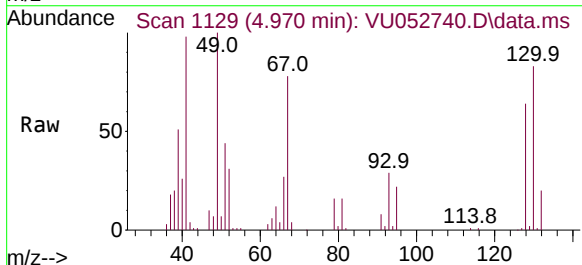
Tgt Ion: 49 Resp: 96375

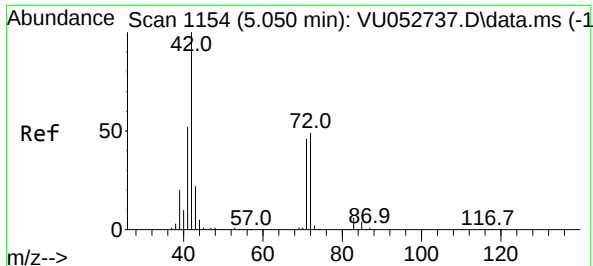
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 82.7 65.5 98.3

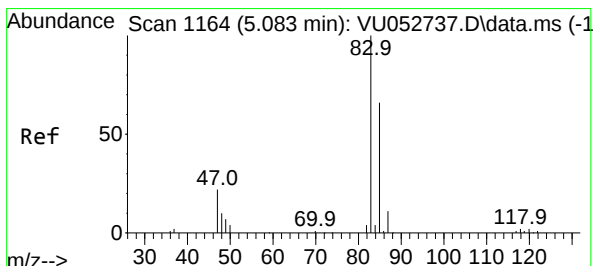
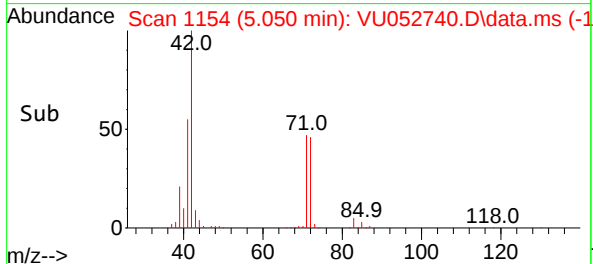
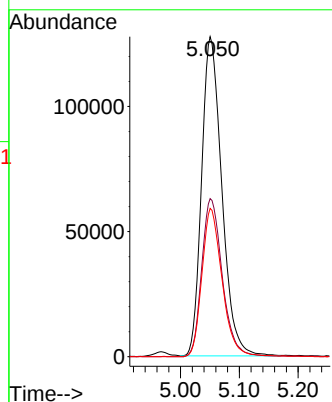
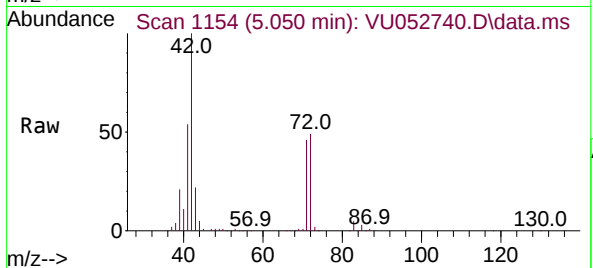




#29
Tetrahydrofuran
Concen: 265.478 ug/l
RT: 5.050 min Scan# 1154
Delta R.T. -0.000 min
Lab File: VU052740.D
Acq: 19 Jan 2023 16:02

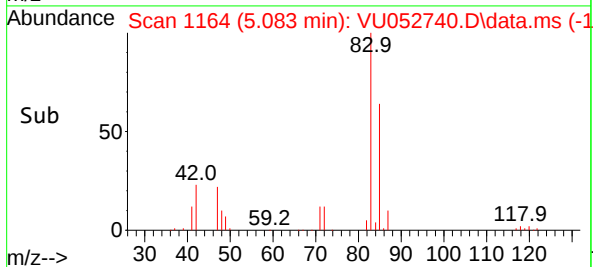
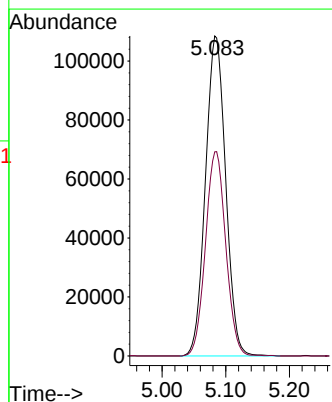
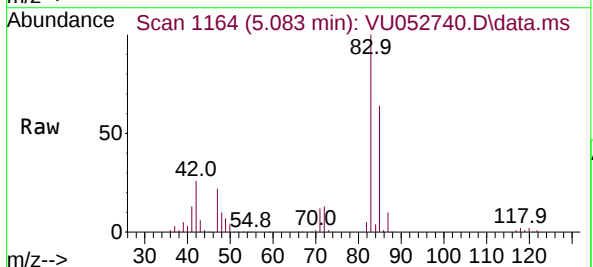
Instrument :
MSVOA_U
ClientSampleId :
ICVVU011923

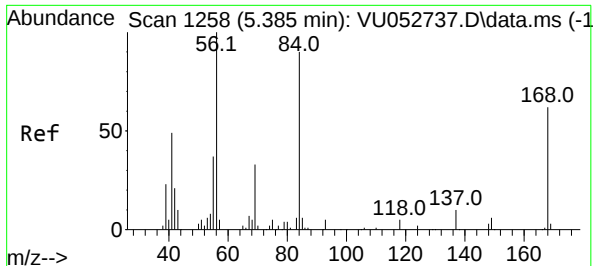
Tgt Ion: 42 Resp: 305371
Ion Ratio Lower Upper
42 100
72 50.2 40.5 60.7
71 46.1 37.4 56.0



#30
Chloroform
Concen: 45.288 ug/l
RT: 5.083 min Scan# 1164
Delta R.T. -0.000 min
Lab File: VU052740.D
Acq: 19 Jan 2023 16:02

Tgt Ion: 83 Resp: 239460
Ion Ratio Lower Upper
83 100
85 63.8 52.6 79.0

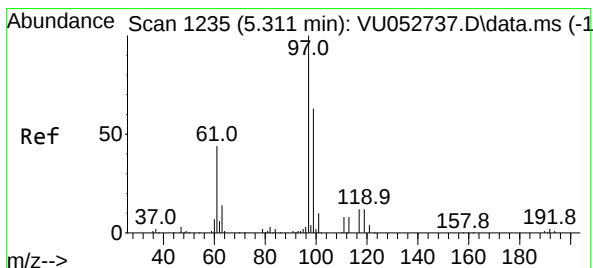
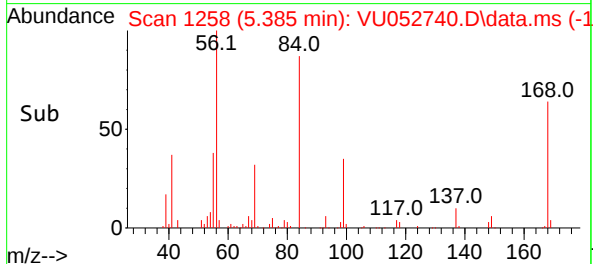
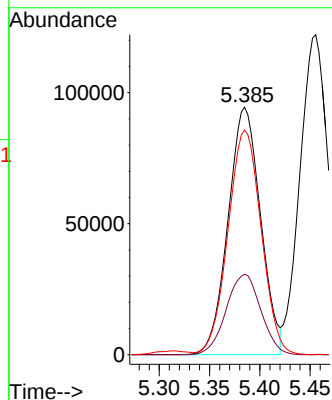
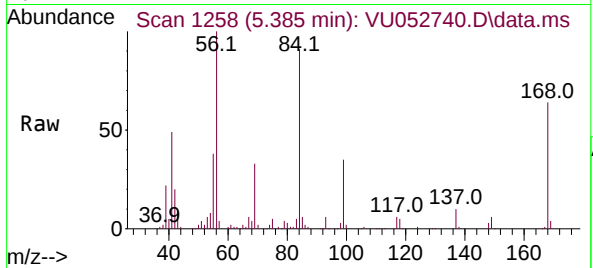




#31
Cyclohexane
Concen: 47.010 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VU052740.D
Acq: 19 Jan 2023 16:02

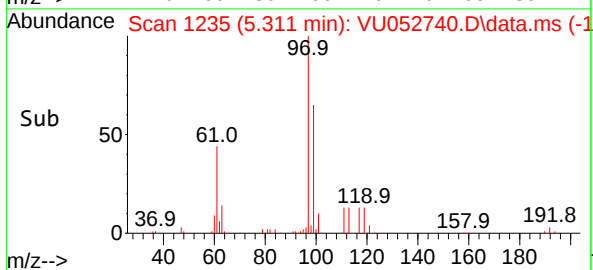
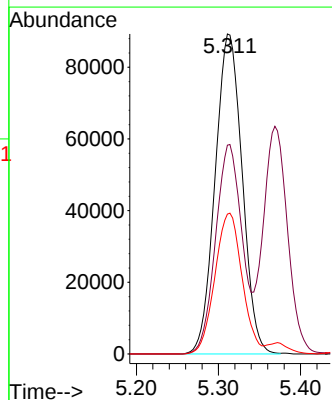
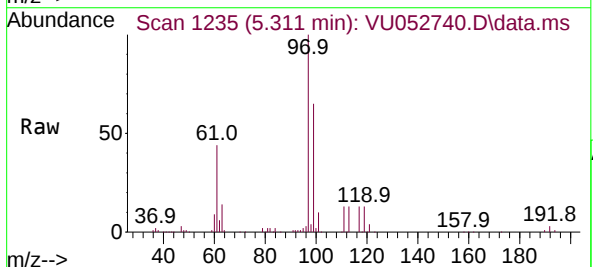
Instrument :
MSVOA_U
ClientSampleId :
ICVVU011923

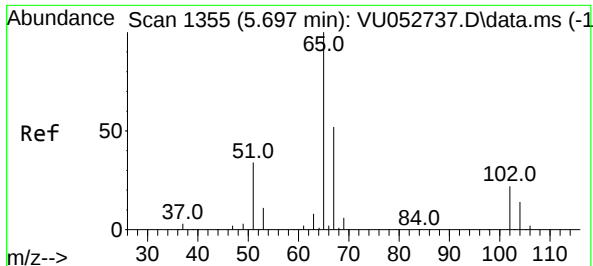
Tgt Ion: 56 Resp: 212353
Ion Ratio Lower Upper
56 100
69 32.5 26.2 39.2
84 89.5 72.2 108.4



#32
1,1,1-Trichloroethane
Concen: 47.347 ug/l
RT: 5.311 min Scan# 1235
Delta R.T. -0.000 min
Lab File: VU052740.D
Acq: 19 Jan 2023 16:02

Tgt Ion: 97 Resp: 205056
Ion Ratio Lower Upper
97 100
99 63.3 50.5 75.7
61 44.4 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 45.102 ug/l

RT: 5.697 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU052740.D

Acq: 19 Jan 2023 16:02

Instrument :

MSVOA_U

ClientSampleId :

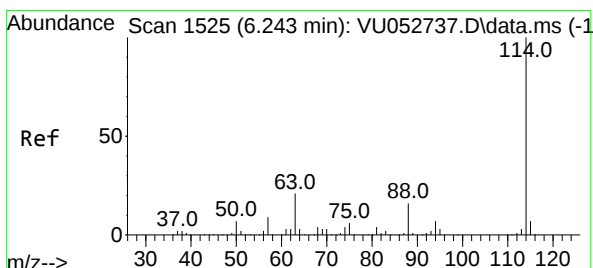
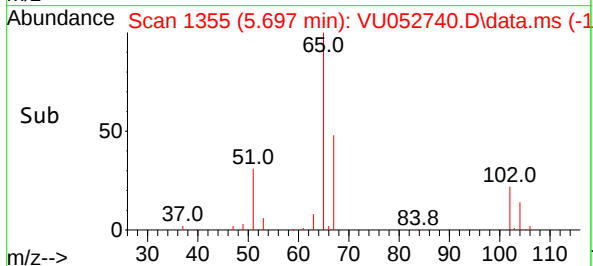
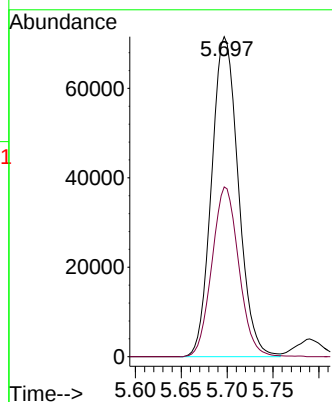
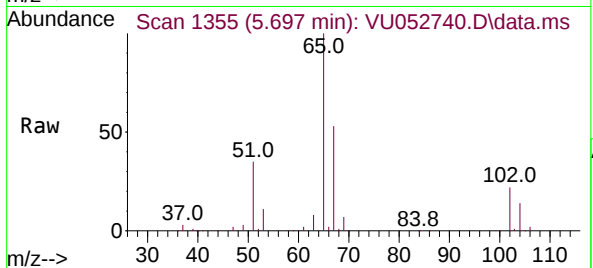
ICVVU011923

Tgt Ion: 65 Resp: 145395

Ion Ratio Lower Upper

65 100

67 53.2 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.247 min Scan# 1526

Delta R.T. 0.003 min

Lab File: VU052740.D

Acq: 19 Jan 2023 16:02

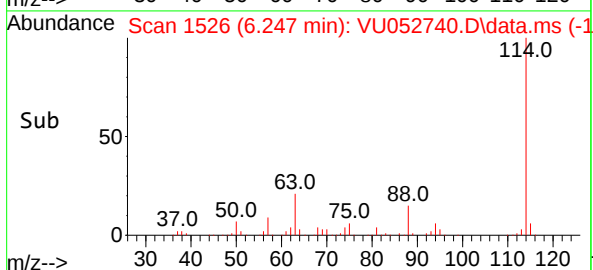
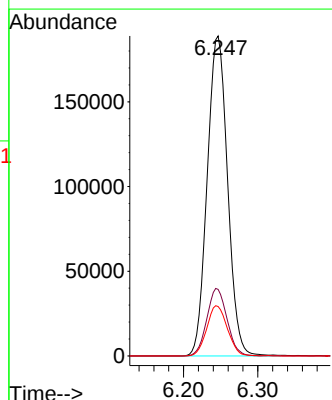
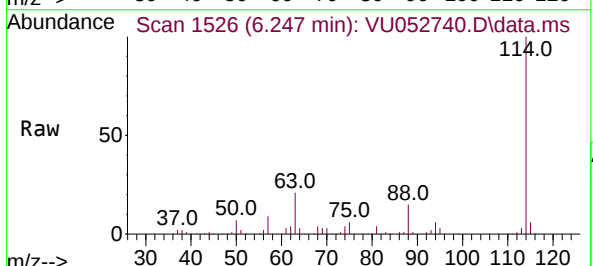
Tgt Ion: 114 Resp: 359382

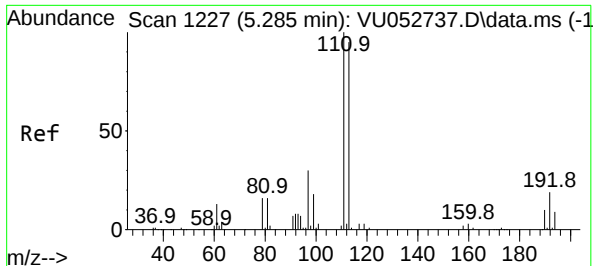
Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.4

88 15.5 0.0 32.8

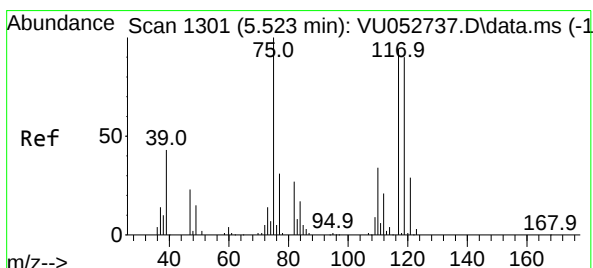
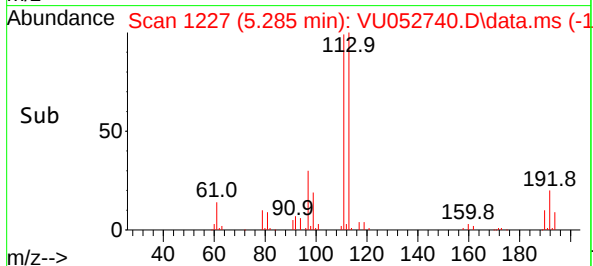
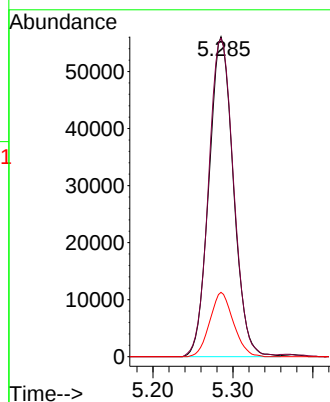
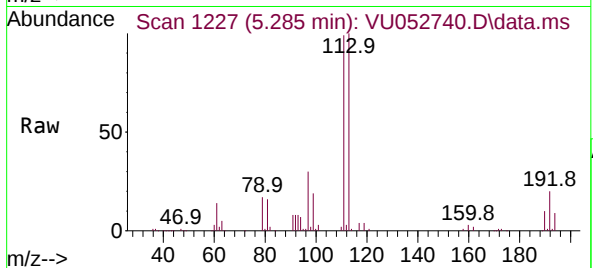




#35
Dibromofluoromethane
Concen: 47.484 ug/l
RT: 5.285 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU052740.D
Acq: 19 Jan 2023 16:02

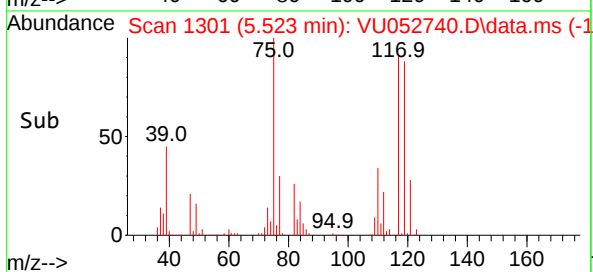
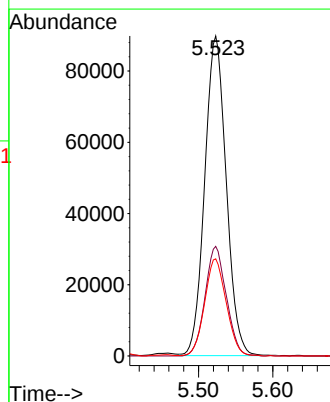
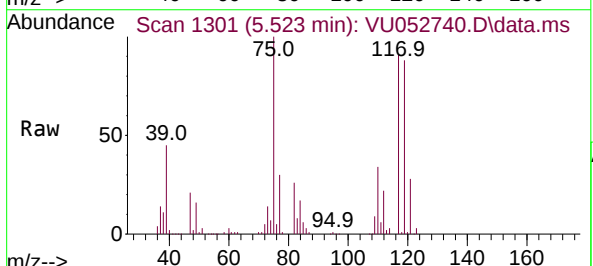
Instrument :
MSVOA_U
ClientSampleId :
ICVVU011923

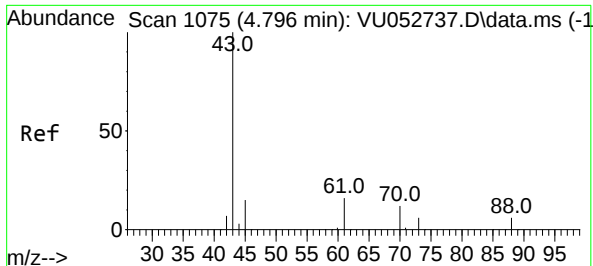
Tgt Ion:113 Resp: 118826
Ion Ratio Lower Upper
113 100
111 101.7 81.2 121.8
192 19.4 15.7 23.5



#36
1,1-Dichloropropene
Concen: 50.246 ug/l
RT: 5.523 min Scan# 1301
Delta R.T. -0.000 min
Lab File: VU052740.D
Acq: 19 Jan 2023 16:02

Tgt Ion: 75 Resp: 180408
Ion Ratio Lower Upper
75 100
110 33.9 17.1 51.2
77 30.7 25.0 37.4

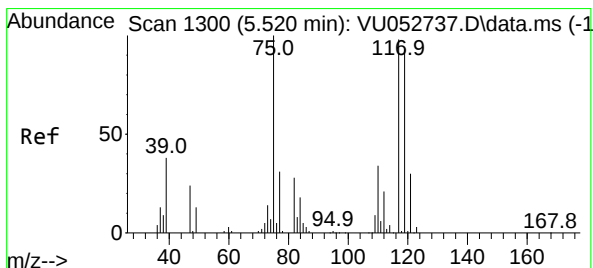
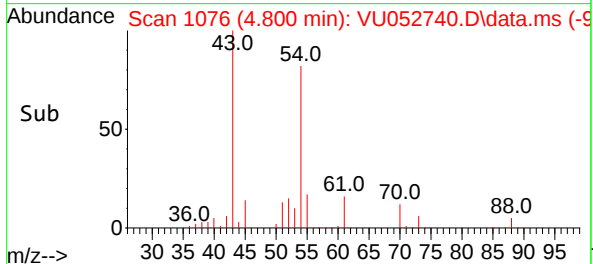
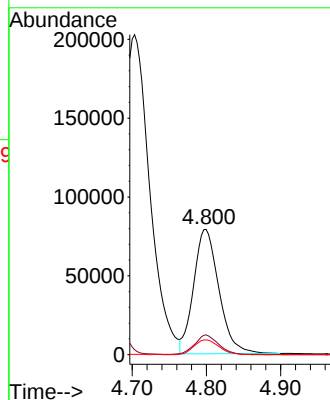
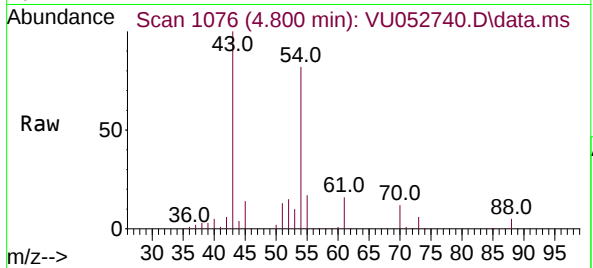




#37
Ethyl Acetate
Concen: 47.951 ug/l
RT: 4.800 min Scan# 1075
Delta R.T. 0.003 min
Lab File: VU052740.D
Acq: 19 Jan 2023 16:02

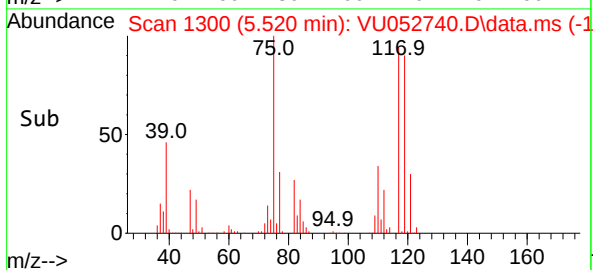
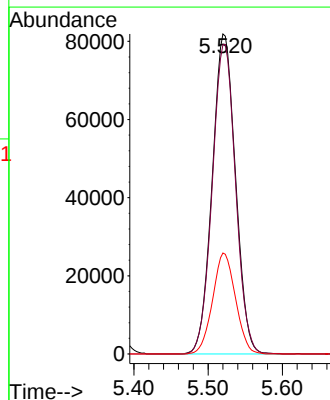
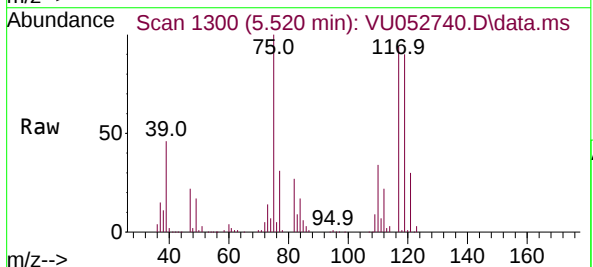
Instrument :
MSVOA_U
ClientSampleId :
ICVVU011923

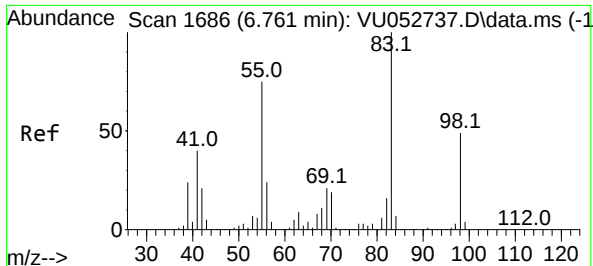
Tgt Ion: 43 Resp: 187152
Ion Ratio Lower Upper
43 100
61 14.6 12.2 18.4
70 11.8 8.9 13.3



#38
Carbon Tetrachloride
Concen: 48.301 ug/l
RT: 5.520 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VU052740.D
Acq: 19 Jan 2023 16:02

Tgt Ion: 117 Resp: 178419
Ion Ratio Lower Upper
117 100
119 96.6 75.6 113.4
121 31.5 24.2 36.4





#39

Methylcyclohexane

Concen: 52.909 ug/l

RT: 6.761 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU052740.D

Acq: 19 Jan 2023 16:02

Instrument :

MSVOA_U

ClientSampleId :

ICVVU011923

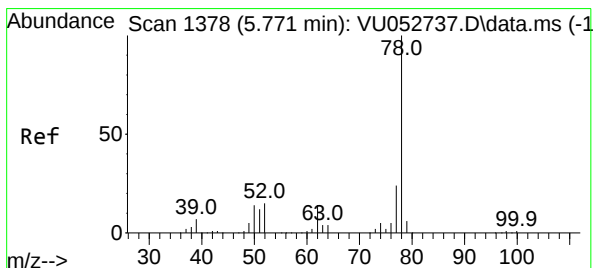
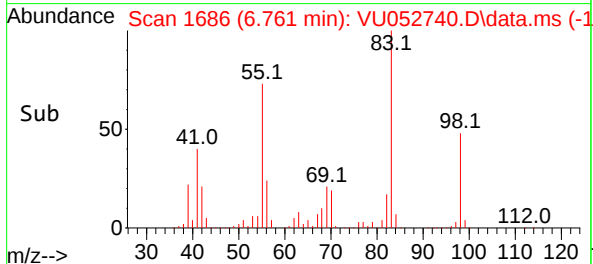
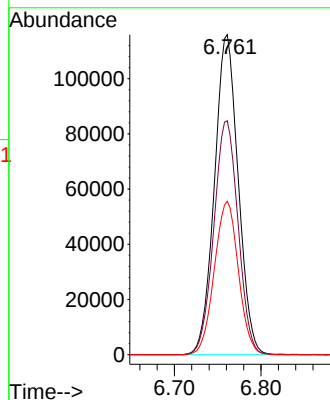
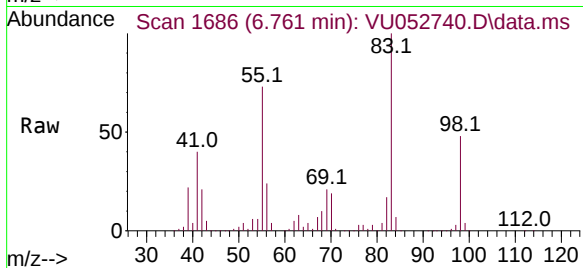
Tgt Ion: 83 Resp: 221059

Ion Ratio Lower Upper

83 100

55 73.1 60.4 90.6

98 47.9 38.9 58.3



#40

Benzene

Concen: 48.775 ug/l

RT: 5.771 min Scan# 1378

Delta R.T. -0.000 min

Lab File: VU052740.D

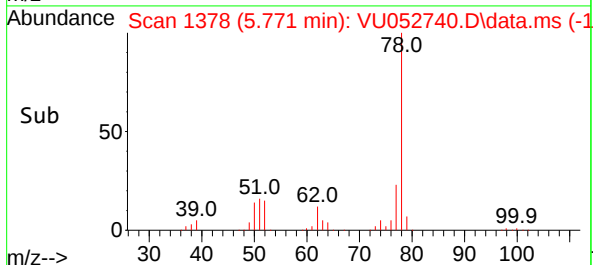
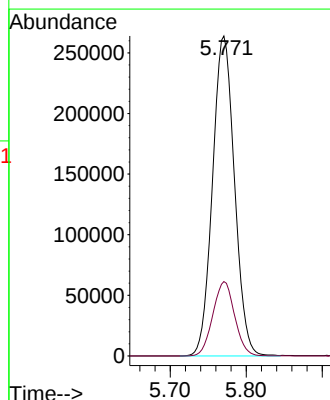
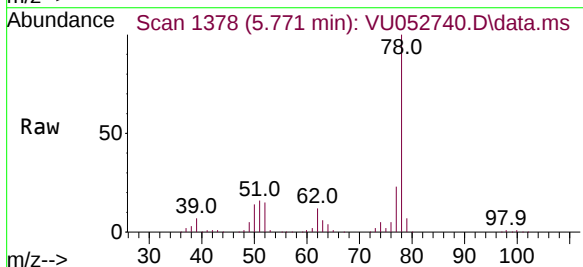
Acq: 19 Jan 2023 16:02

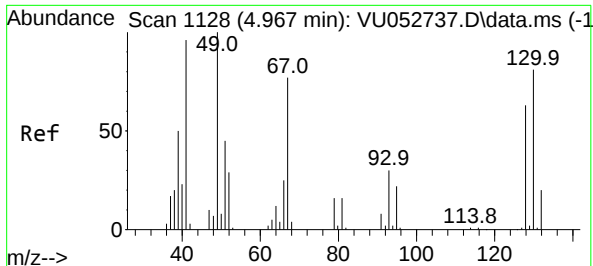
Tgt Ion: 78 Resp: 528799

Ion Ratio Lower Upper

78 100

77 23.3 18.9 28.3



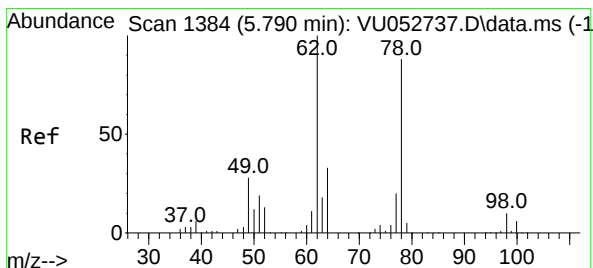
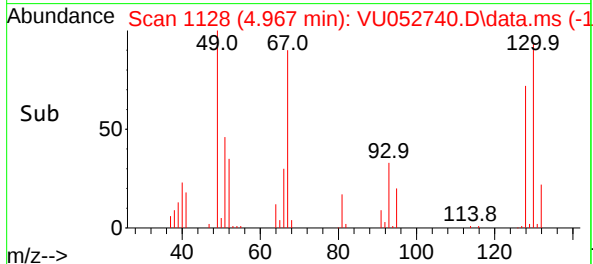
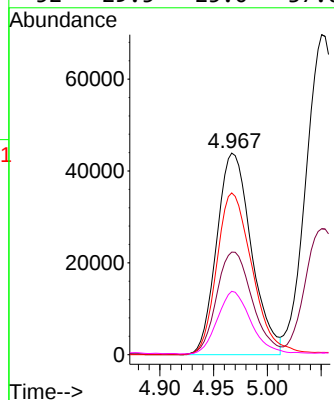
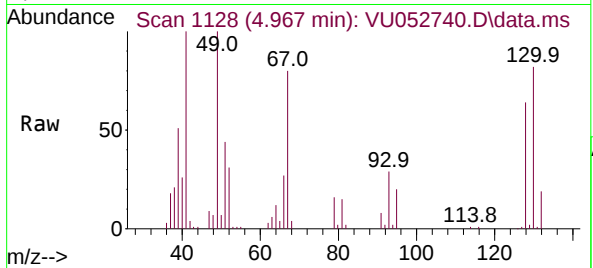


#41
Methacrylonitrile
Concen: 52.281 ug/l
RT: 4.967 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VU052740.D
Acq: 19 Jan 2023 16:02

Instrument :
MSVOA_U
ClientSampleId :
ICVVU011923

Tgt Ion: 41 Resp: 98716

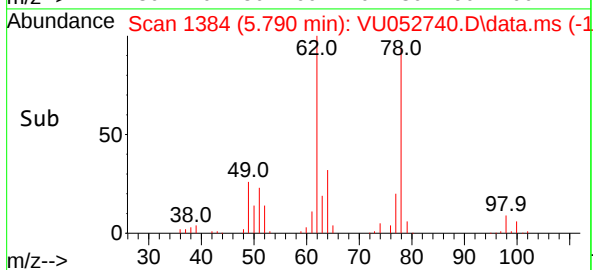
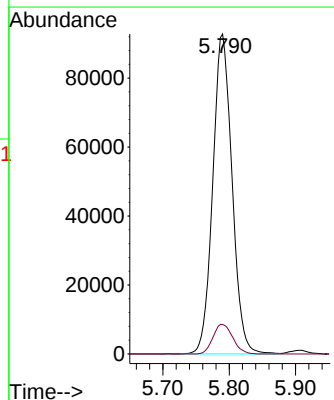
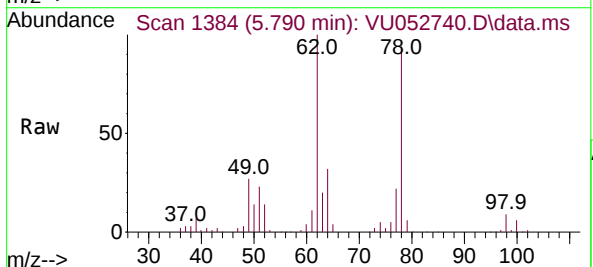
Ion	Ratio	Lower	Upper
41	100		
39	52.6	42.2	63.2
67	82.8	65.0	97.6
52	29.5	25.0	37.6



#42
1,2-Dichloroethane
Concen: 47.842 ug/l
RT: 5.790 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VU052740.D
Acq: 19 Jan 2023 16:02

Tgt Ion: 62 Resp: 187289

Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.0

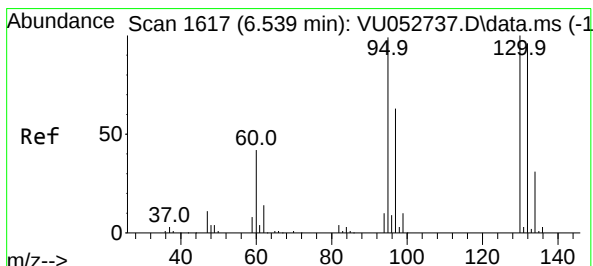
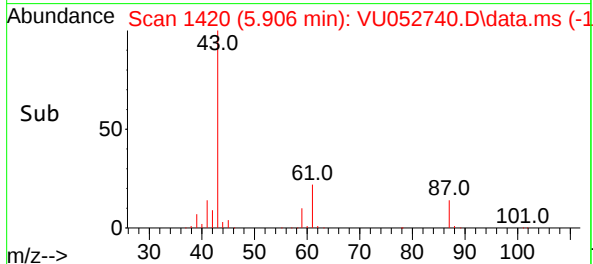
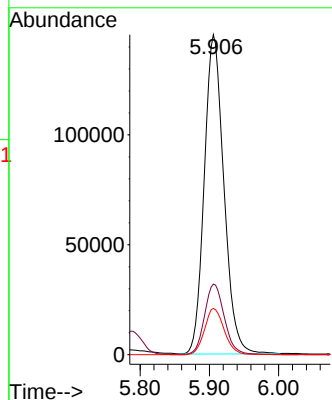
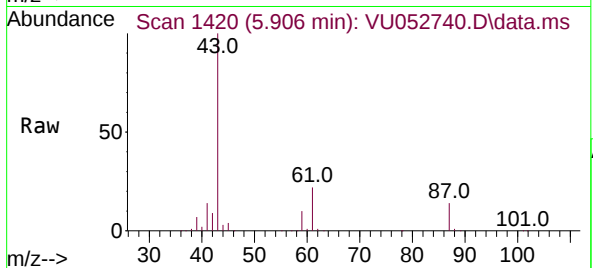




#43
Isopropyl Acetate
Concen: 52.464 ug/l
RT: 5.906 min Scan# 1420
Delta R.T. -0.000 min
Lab File: VU052740.D
Acq: 19 Jan 2023 16:02

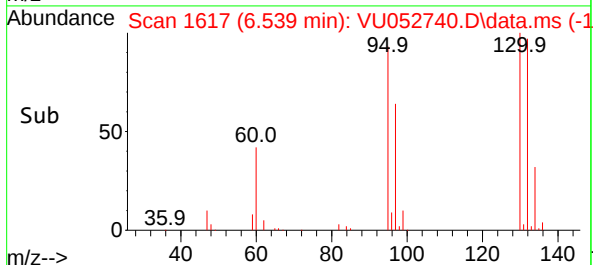
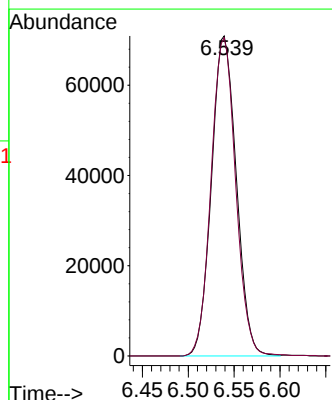
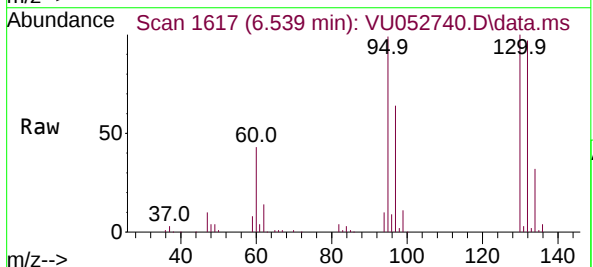
Instrument :
MSVOA_U
ClientSampleId :
ICVVU011923

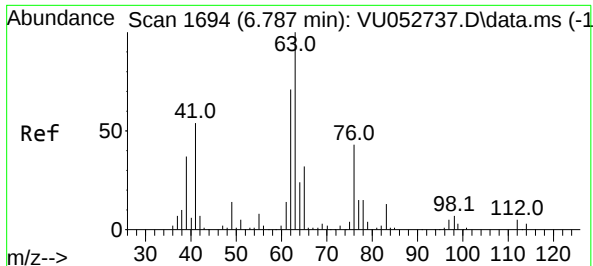
Tgt Ion: 43 Resp: 285423
Ion Ratio Lower Upper
43 100
61 22.4 18.1 27.1
87 14.5 11.7 17.5



#44
Trichloroethene
Concen: 49.824 ug/l
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU052740.D
Acq: 19 Jan 2023 16:02

Tgt Ion:130 Resp: 133608
Ion Ratio Lower Upper
130 100
95 99.5 0.0 198.2





#45

1,2-Dichloropropane

Concen: 49.224 ug/l

RT: 6.787 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU052740.D

Acq: 19 Jan 2023 16:02

Instrument :

MSVOA_U

ClientSampleId :

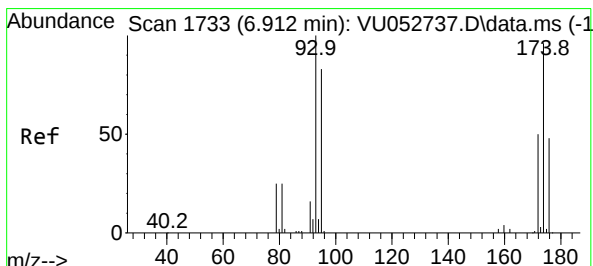
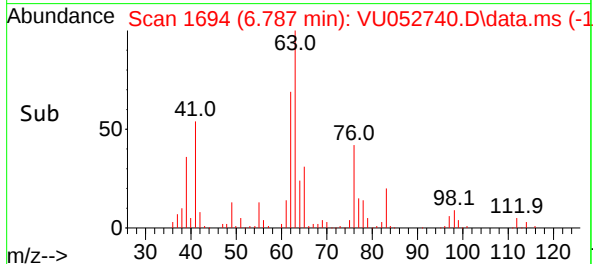
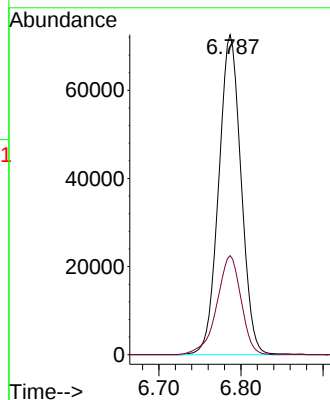
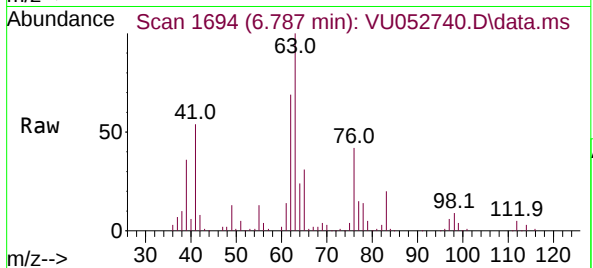
ICVVU011923

Tgt Ion: 63 Resp: 137648

Ion Ratio Lower Upper

63 100

65 31.0 26.0 39.0



#46

Dibromomethane

Concen: 47.852 ug/l

RT: 6.915 min Scan# 1734

Delta R.T. 0.003 min

Lab File: VU052740.D

Acq: 19 Jan 2023 16:02

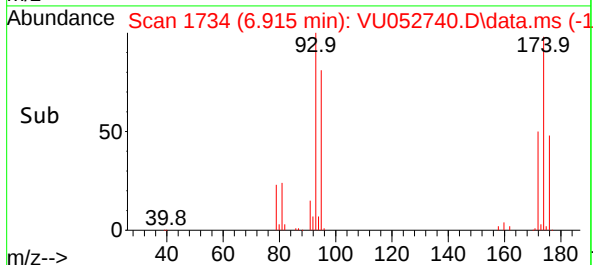
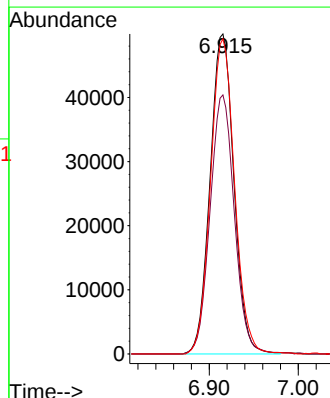
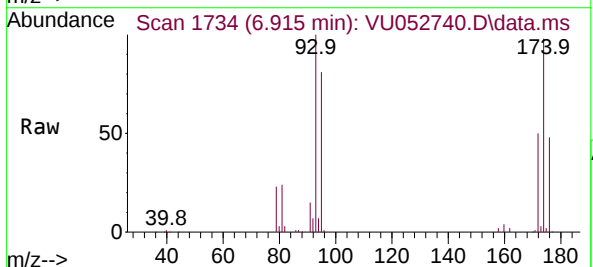
Tgt Ion: 93 Resp: 92668

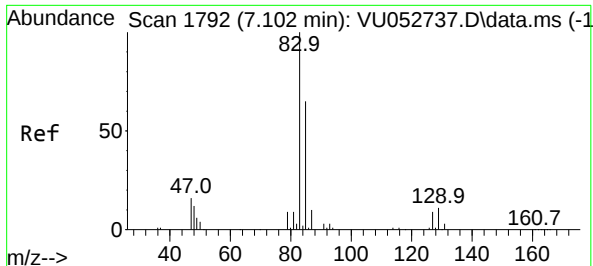
Ion Ratio Lower Upper

93 100

95 82.6 66.6 99.8

174 99.5 78.6 117.8

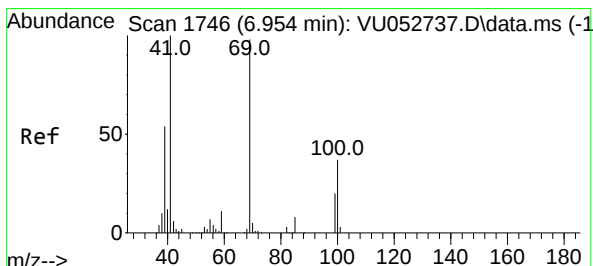
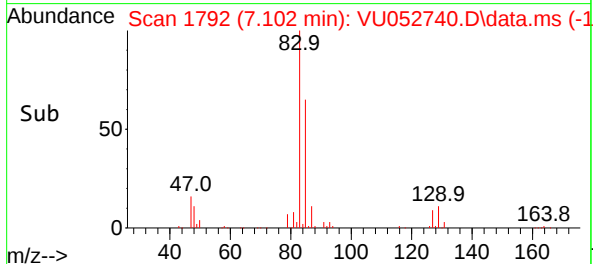
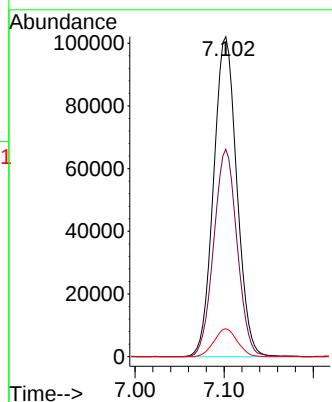
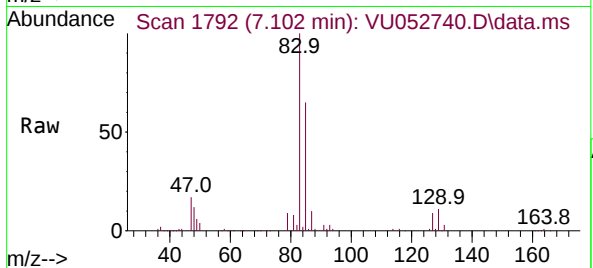




#47
Bromodichloromethane
Concen: 47.718 ug/l
RT: 7.102 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU052740.D
Acq: 19 Jan 2023 16:02

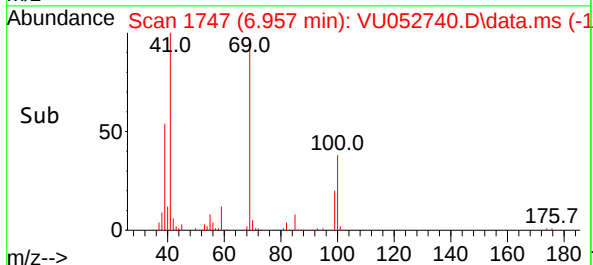
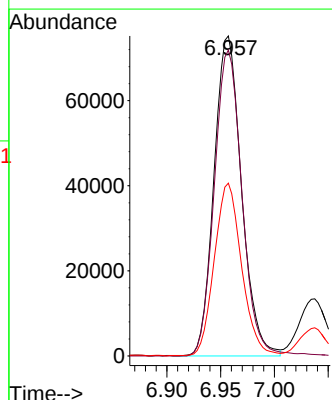
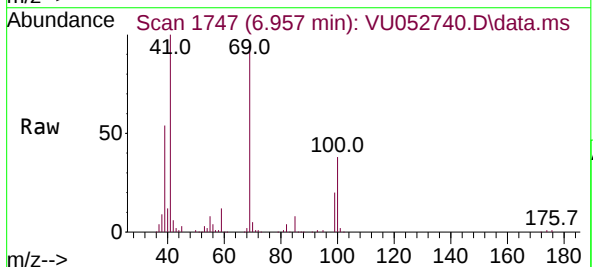
Instrument :
MSVOA_U
ClientSampleId :
ICVVU011923

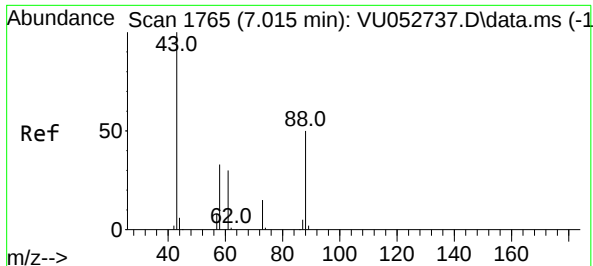
Tgt Ion: 83 Resp: 184910
Ion Ratio Lower Upper
83 100
85 64.8 51.6 77.4
127 8.7 6.9 10.3



#48
Methyl methacrylate
Concen: 54.018 ug/l
RT: 6.957 min Scan# 1747
Delta R.T. 0.003 min
Lab File: VU052740.D
Acq: 19 Jan 2023 16:02

Tgt Ion: 41 Resp: 133915
Ion Ratio Lower Upper
41 100
69 96.5 77.2 115.8
39 53.1 42.9 64.3





#49

1,4-Dioxane

Concen: 1130.447 ug/l

RT: 7.021 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU052740.D

Acq: 19 Jan 2023 16:02

Instrument :

MSVOA_U

ClientSampleId :

ICVVU011923

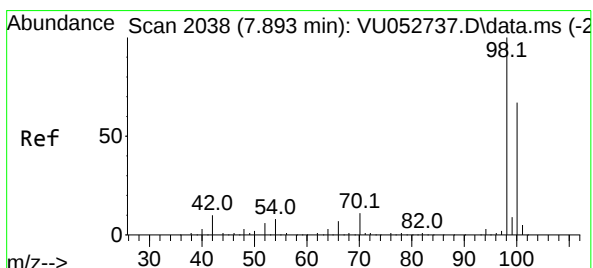
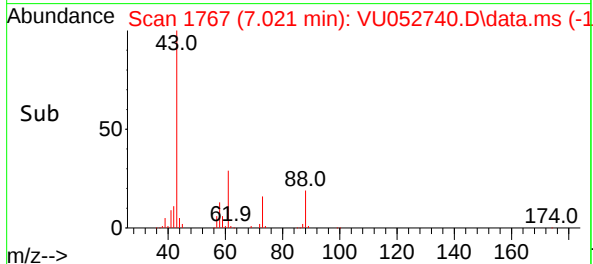
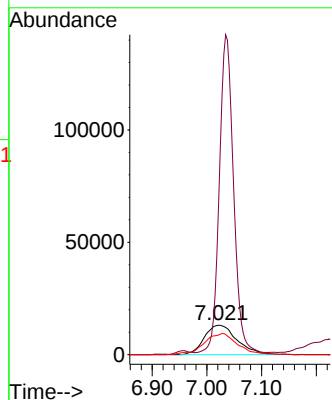
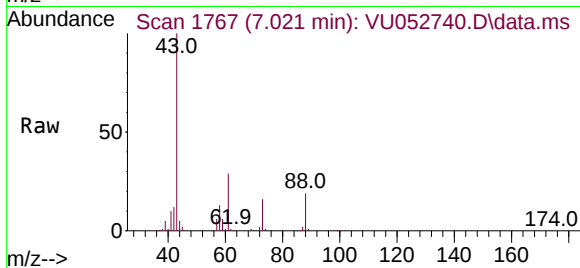
Tgt Ion: 88 Resp: 54303

Ion Ratio Lower Upper

88 100

43 467.5 374.7 562.1

58 69.2 59.2 88.8



#50

Toluene-d8

Concen: 47.576 ug/l

RT: 7.893 min Scan# 2038

Delta R.T. -0.000 min

Lab File: VU052740.D

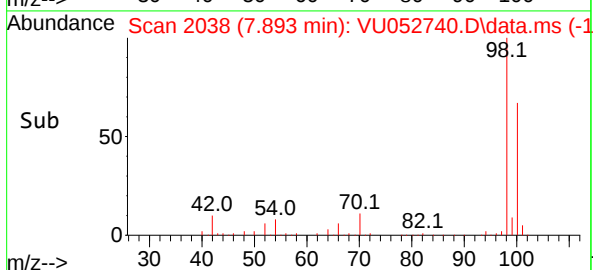
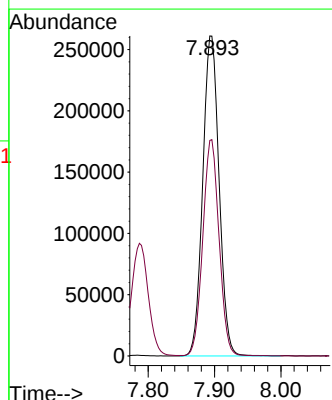
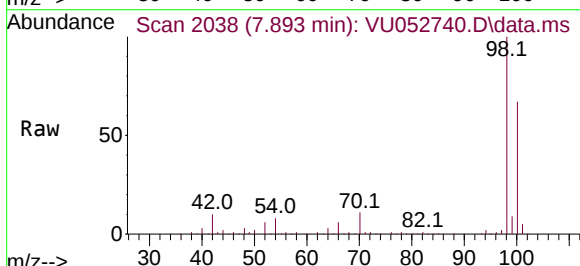
Acq: 19 Jan 2023 16:02

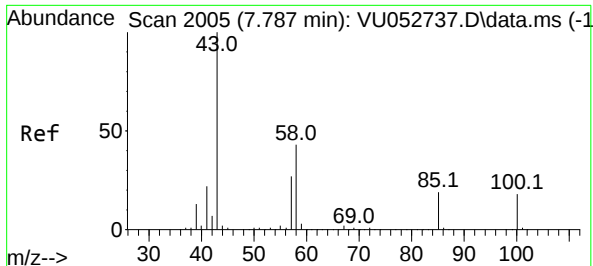
Tgt Ion: 98 Resp: 446478

Ion Ratio Lower Upper

98 100

100 67.1 53.7 80.5

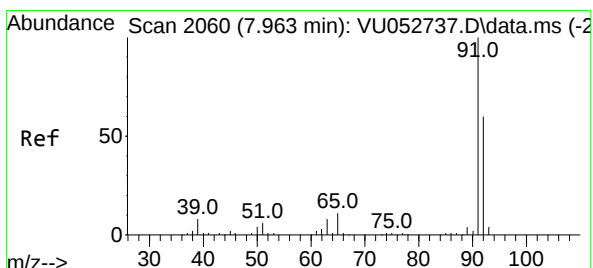
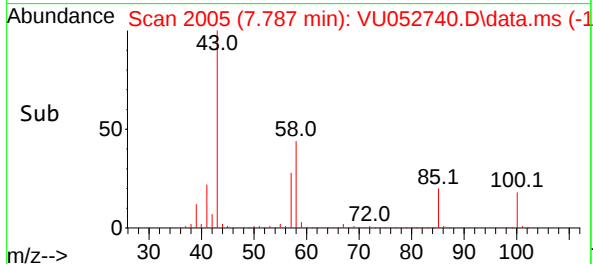
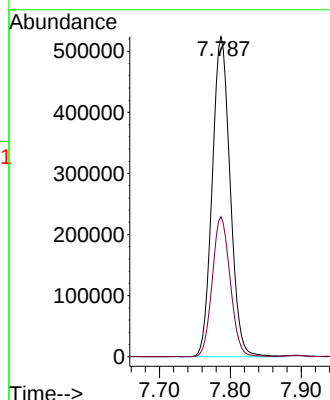
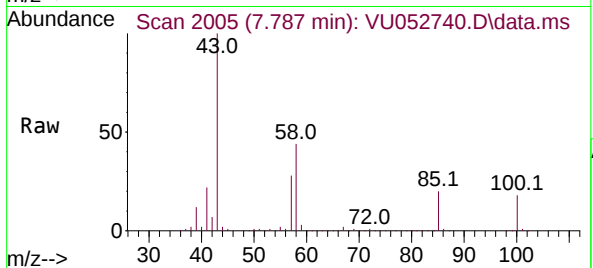




#51
4-Methyl-2-Pentanone
Concen: 261.005 ug/l
RT: 7.787 min Scan# 2005
Delta R.T. -0.000 min
Lab File: VU052740.D
Acq: 19 Jan 2023 16:02

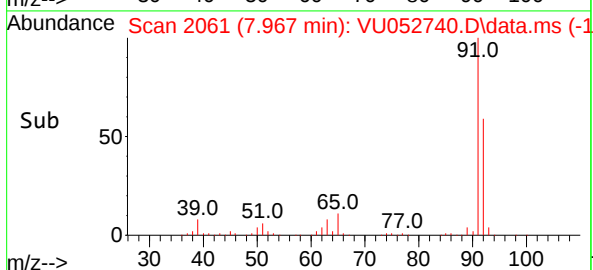
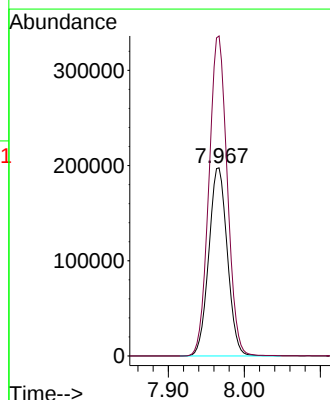
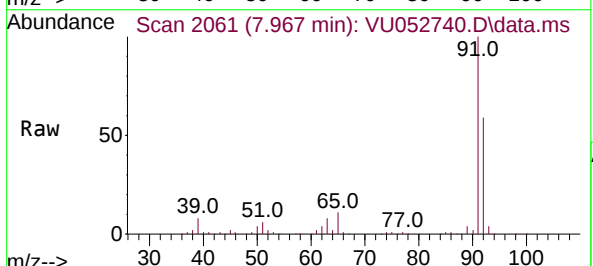
Instrument :
MSVOA_U
ClientSampleId :
ICVVU011923

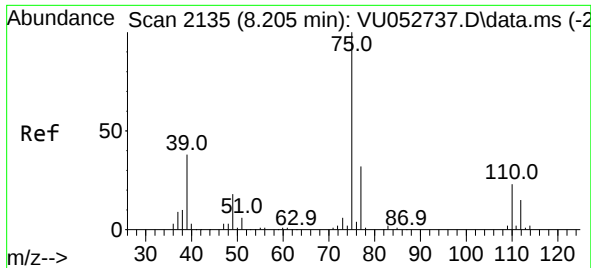
Tgt Ion: 43 Resp: 919010
Ion Ratio Lower Upper
43 100
58 43.7 34.6 52.0



#52
Toluene
Concen: 51.008 ug/l
RT: 7.967 min Scan# 2061
Delta R.T. 0.003 min
Lab File: VU052740.D
Acq: 19 Jan 2023 16:02

Tgt Ion: 92 Resp: 334449
Ion Ratio Lower Upper
92 100
91 168.6 134.9 202.3

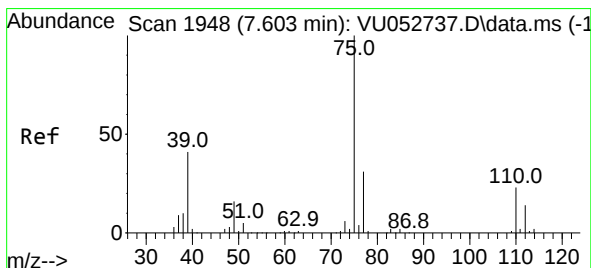
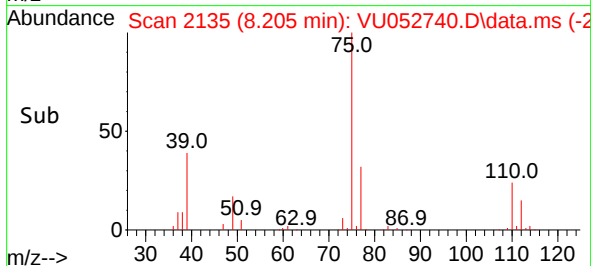
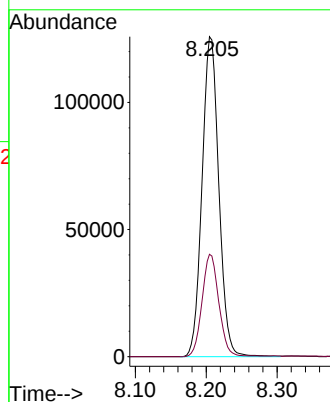
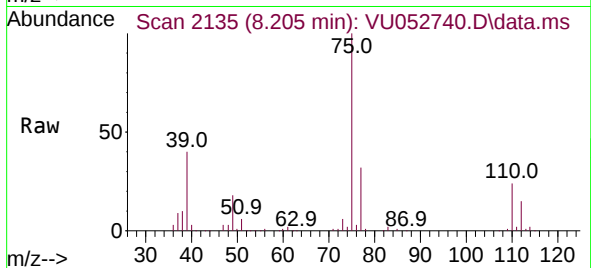




#53
 t-1,3-Dichloropropene
 Concen: 51.100 ug/l
 RT: 8.205 min Scan# 2135
 Delta R.T. -0.000 min
 Lab File: VU052740.D
 Acq: 19 Jan 2023 16:02

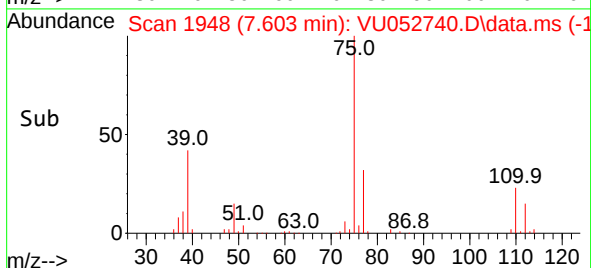
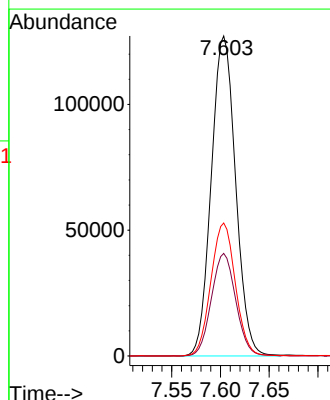
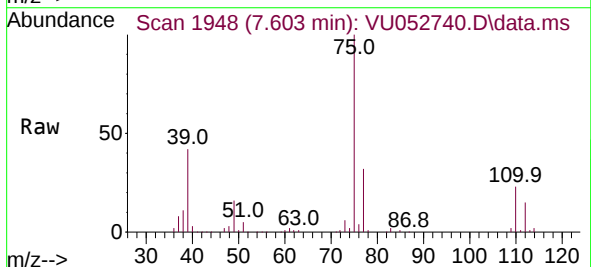
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU011923

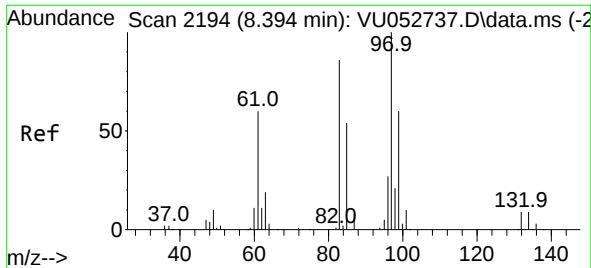
Tgt Ion: 75 Resp: 206844
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 51.173 ug/l
 RT: 7.603 min Scan# 1948
 Delta R.T. -0.000 min
 Lab File: VU052740.D
 Acq: 19 Jan 2023 16:02

Tgt Ion: 75 Resp: 220920
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.0 37.6
 39 41.6 32.9 49.3



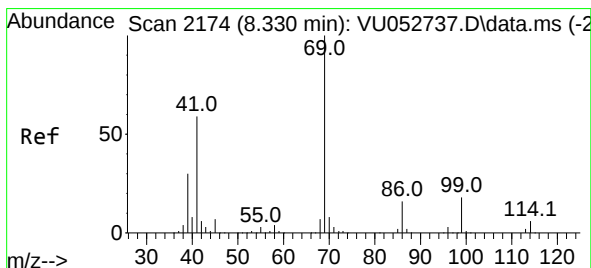
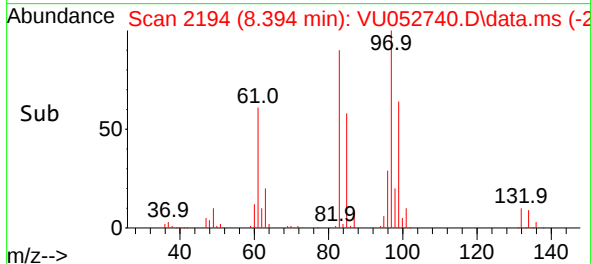
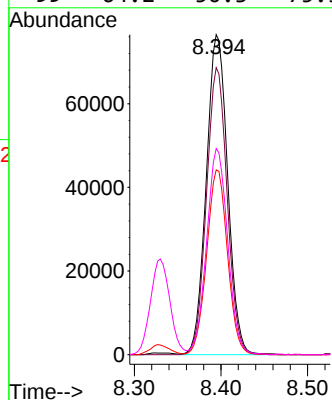
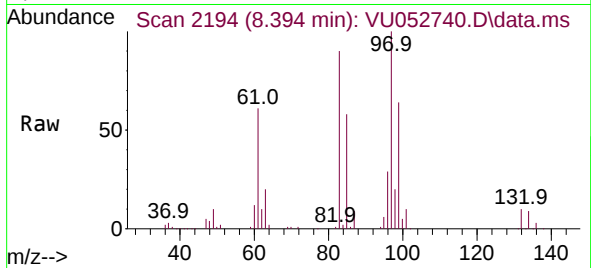


#55
1,1,2-Trichloroethane
Concen: 49.151 ug/l
RT: 8.394 min Scan# 2194
Delta R.T. 0.000 min
Lab File: VU052740.D
Acq: 19 Jan 2023 16:02

Instrument :
MSVOA_U
ClientSampleId :
ICVVU011923

Tgt Ion: 97 Resp: 131548

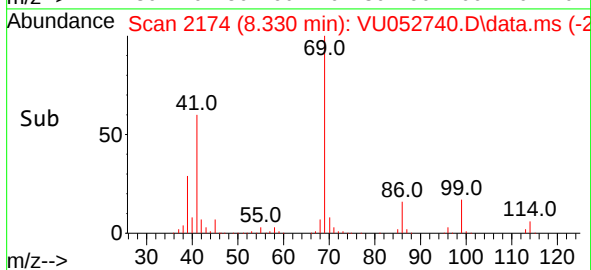
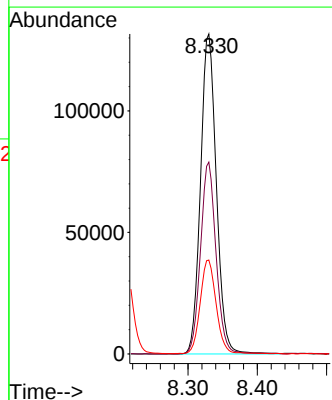
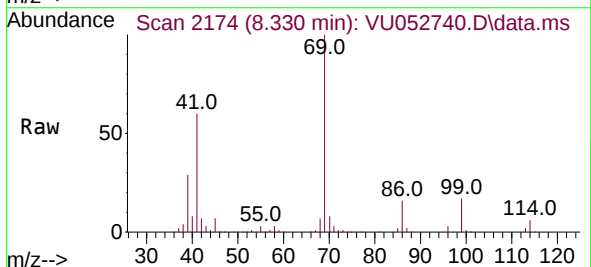
Ion	Ratio	Lower	Upper
97	100		
83	89.7	69.2	103.8
85	57.8	43.8	65.8
99	64.2	50.3	75.5

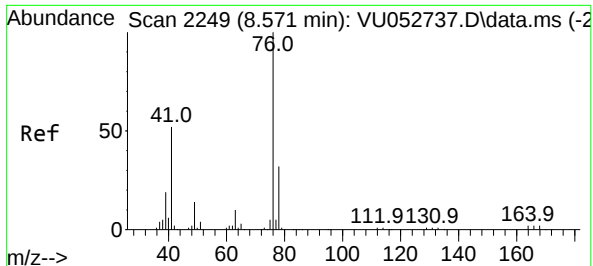


#56
Ethyl methacrylate
Concen: 48.803 ug/l
RT: 8.330 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VU052740.D
Acq: 19 Jan 2023 16:02

Tgt Ion: 69 Resp: 209194

Ion	Ratio	Lower	Upper
69	100		
41	58.9	47.6	71.4
39	29.2	24.3	36.5

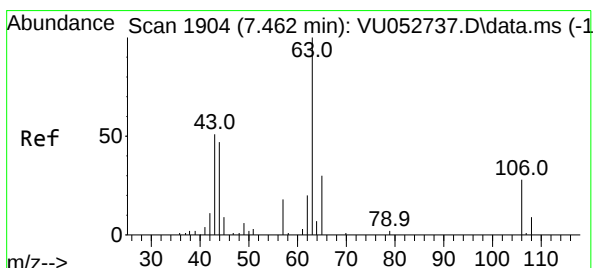
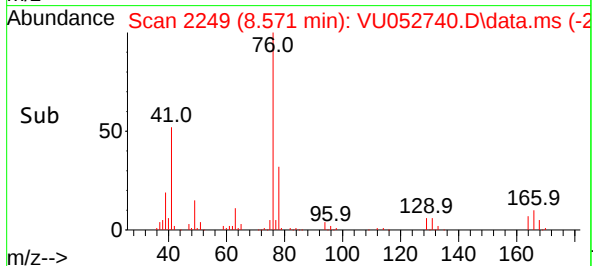
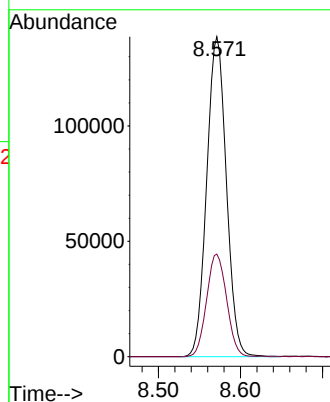
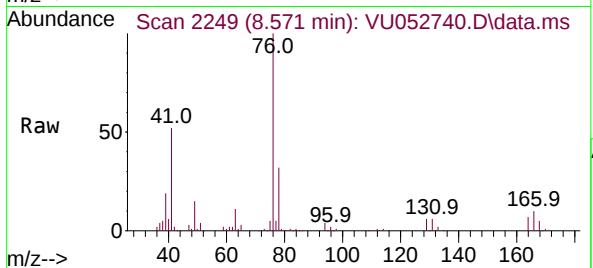




#57
1,3-Dichloropropane
Concen: 49.116 ug/l
RT: 8.571 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU052740.D
Acq: 19 Jan 2023 16:02

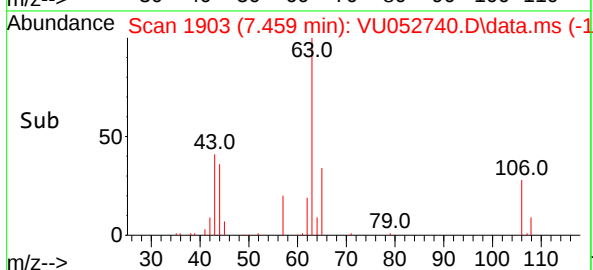
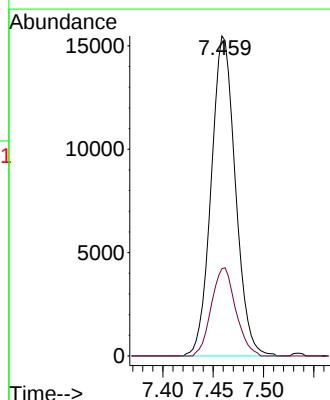
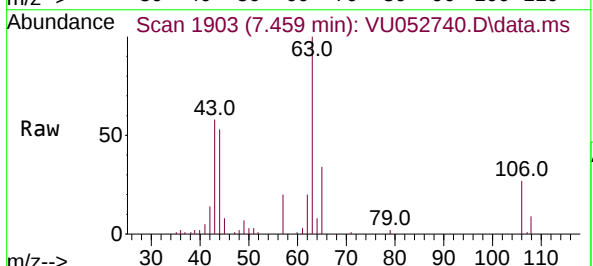
Instrument :
MSVOA_U
ClientSampleId :
ICVVU011923

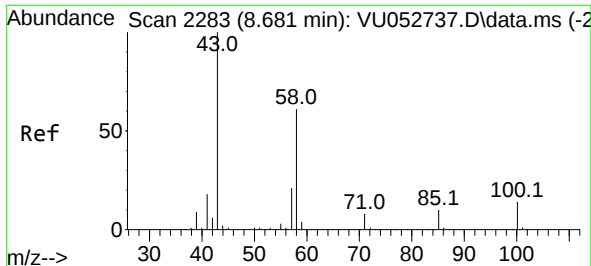
Tgt Ion: 76 Resp: 230509
Ion Ratio Lower Upper
76 100
78 32.7 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 226.321 ug/l
RT: 7.459 min Scan# 1903
Delta R.T. -0.003 min
Lab File: VU052740.D
Acq: 19 Jan 2023 16:02

Tgt Ion: 63 Resp: 25897
Ion Ratio Lower Upper
63 100
106 27.7 23.2 34.8

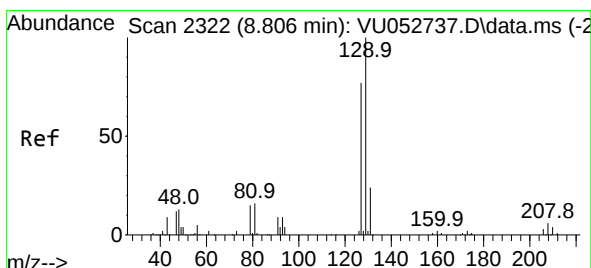
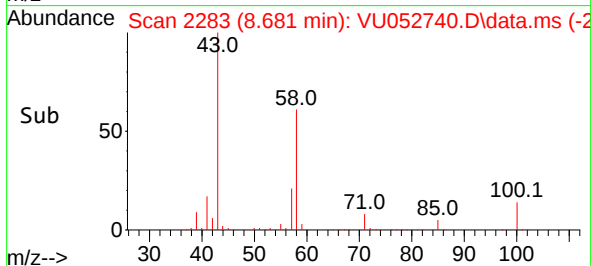
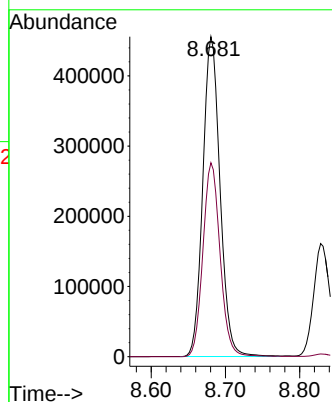
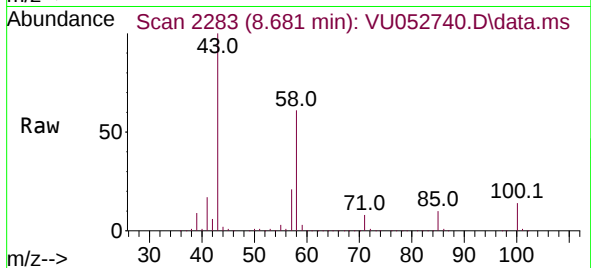




#59
2-Hexanone
Concen: 270.601 ug/l
RT: 8.681 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU052740.D
Acq: 19 Jan 2023 16:02

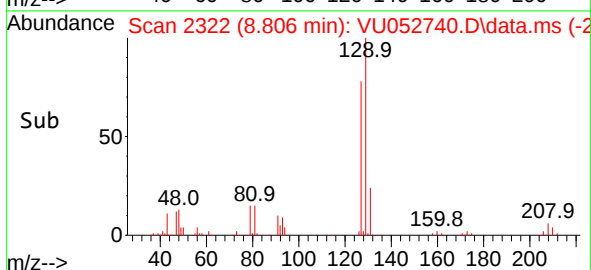
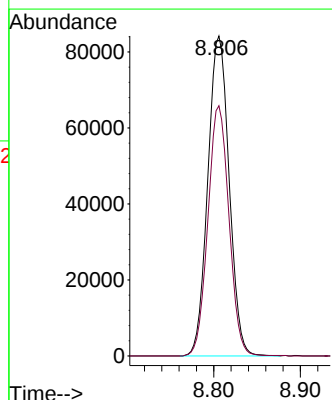
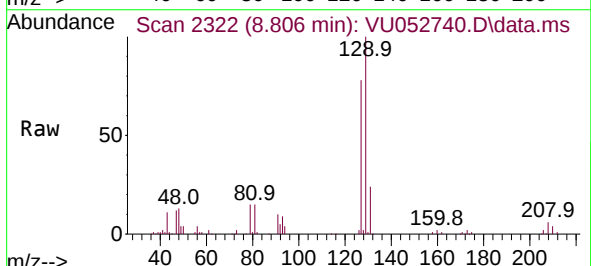
Instrument :
MSVOA_U
ClientSampleId :
ICVVU011923

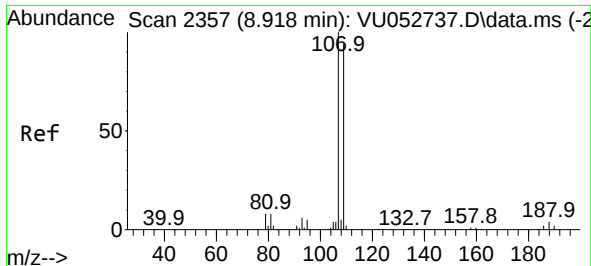
Tgt Ion: 43 Resp: 733998
Ion Ratio Lower Upper
43 100
58 60.5 29.8 89.5



#60
Dibromochloromethane
Concen: 49.002 ug/l
RT: 8.806 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VU052740.D
Acq: 19 Jan 2023 16:02

Tgt Ion: 129 Resp: 144023
Ion Ratio Lower Upper
129 100
127 77.2 39.1 117.2

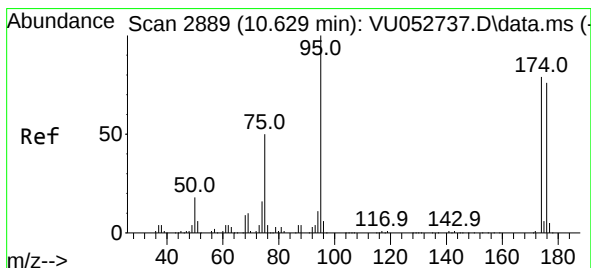
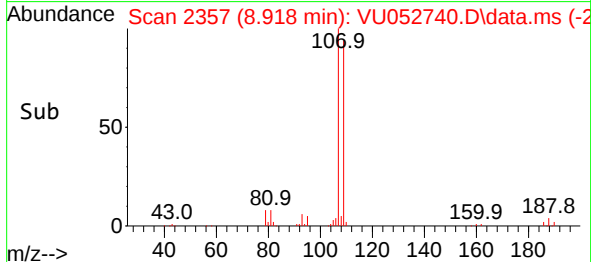
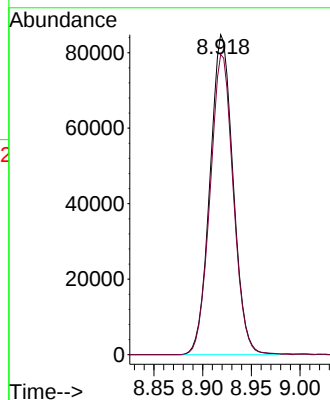
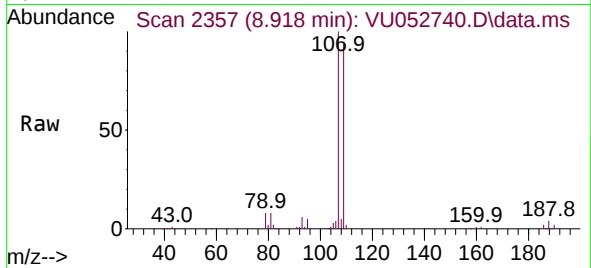




#61
 1,2-Dibromoethane
 Concen: 49.891 ug/l
 RT: 8.918 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU052740.D
 Acq: 19 Jan 2023 16:02

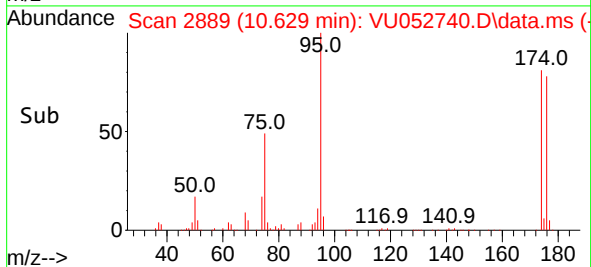
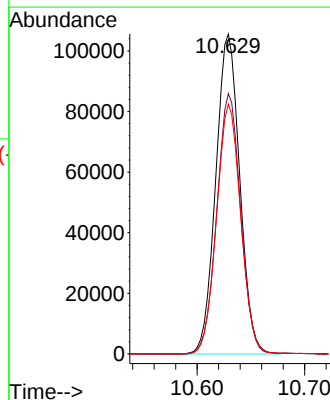
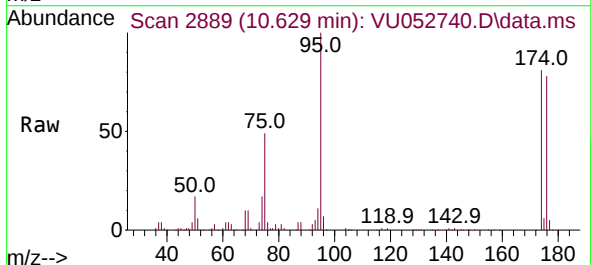
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU011923

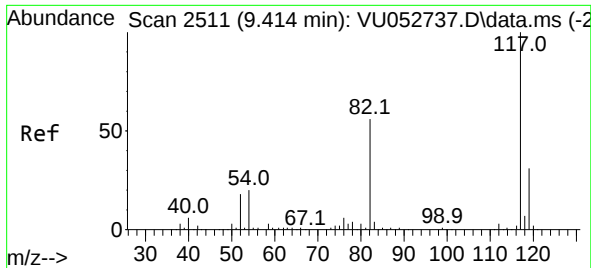
Tgt Ion:107 Resp: 140184
 Ion Ratio Lower Upper
 107 100
 109 94.0 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 47.660 ug/l
 RT: 10.629 min Scan# 2889
 Delta R.T. -0.000 min
 Lab File: VU052740.D
 Acq: 19 Jan 2023 16:02

Tgt Ion: 95 Resp: 163385
 Ion Ratio Lower Upper
 95 100
 174 81.2 0.0 158.6
 176 78.9 0.0 150.6

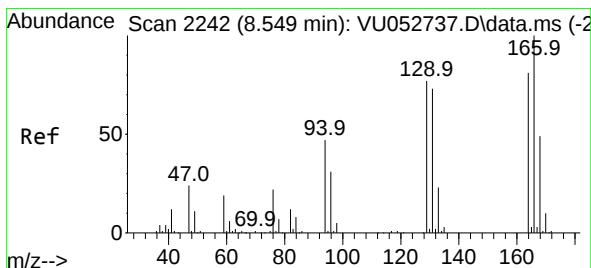
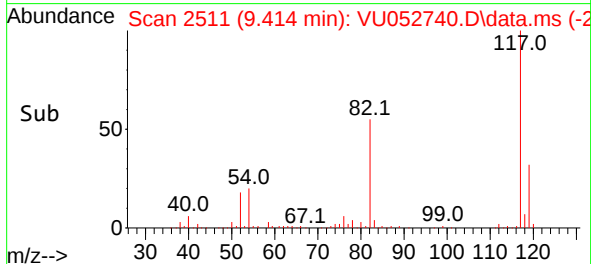
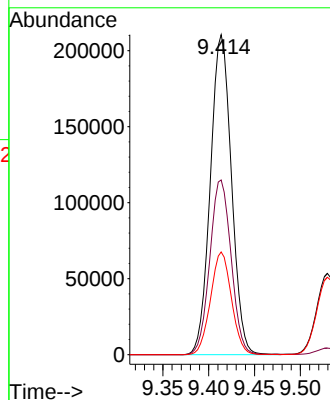
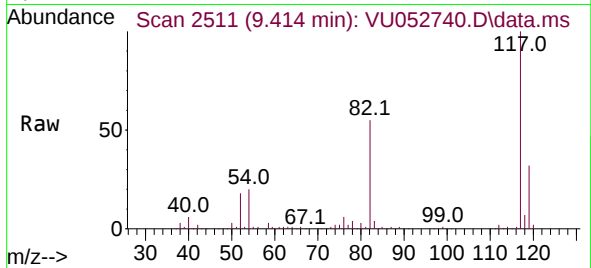




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.414 min Scan# 2511
Delta R.T. -0.000 min
Lab File: VU052740.D
Acq: 19 Jan 2023 16:02

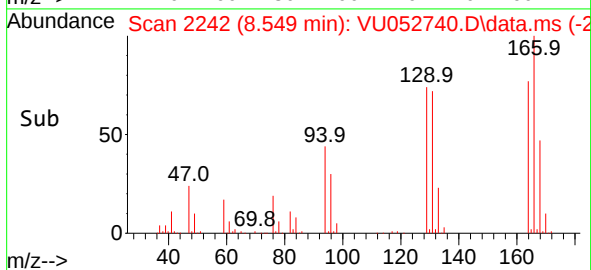
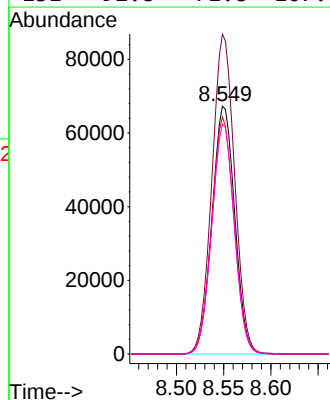
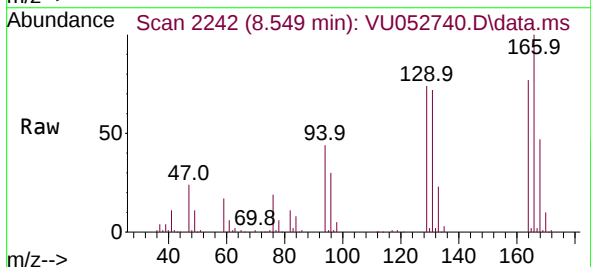
Instrument :
MSVOA_U
ClientSampleId :
ICVVU011923

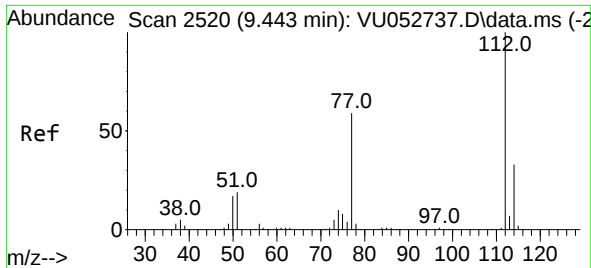
Tgt Ion:117 Resp: 336784
Ion Ratio Lower Upper
117 100
82 54.6 44.7 67.1
119 32.1 25.0 37.6



#64
Tetrachloroethene
Concen: 48.063 ug/l
RT: 8.549 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VU052740.D
Acq: 19 Jan 2023 16:02

Tgt Ion:164 Resp: 112454
Ion Ratio Lower Upper
164 100
166 129.1 98.9 148.3
129 95.7 76.0 114.0
131 92.8 71.8 107.6

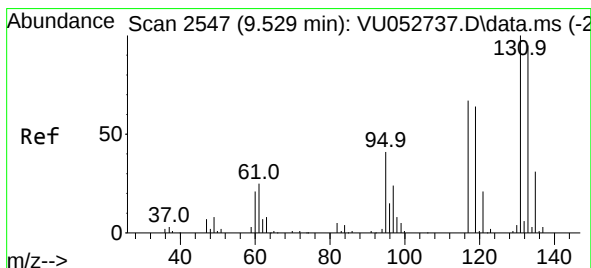
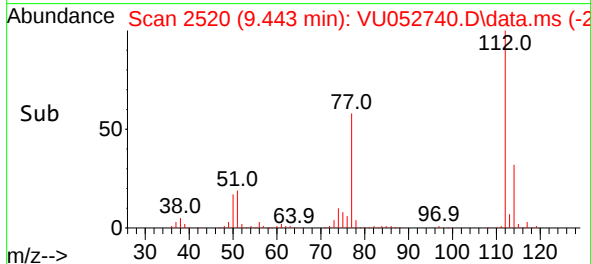
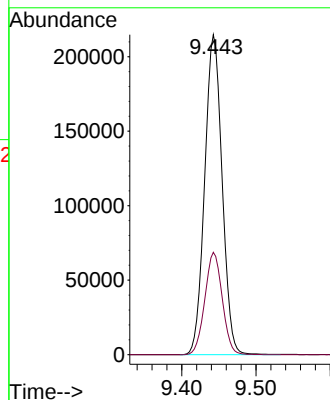
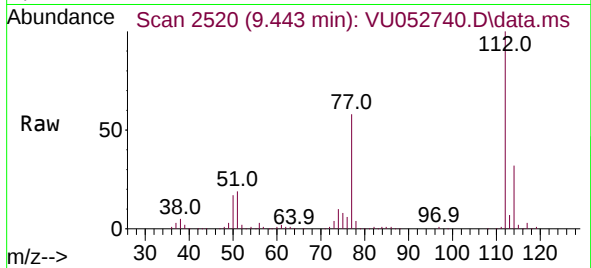




#65
Chlorobenzene
Concen: 49.120 ug/l
RT: 9.443 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VU052740.D
Acq: 19 Jan 2023 16:02

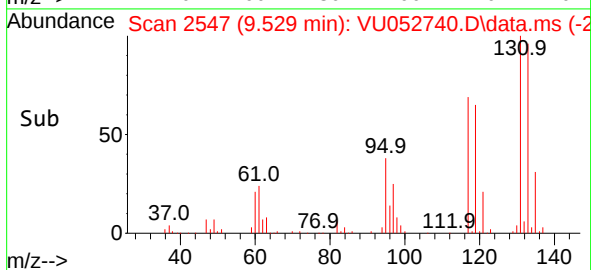
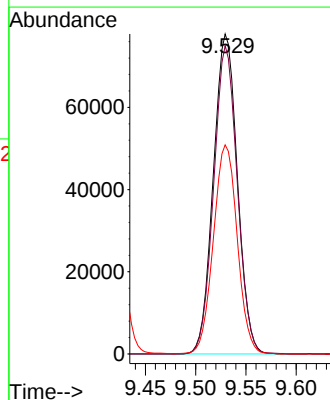
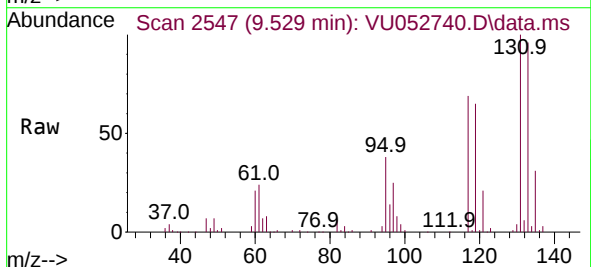
Instrument :
MSVOA_U
ClientSampleId :
ICVVU011923

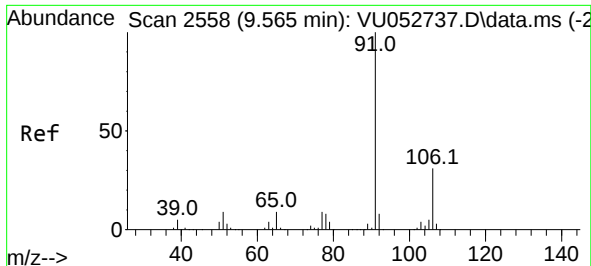
Tgt Ion:112 Resp: 350051
Ion Ratio Lower Upper
112 100
114 32.0 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 48.365 ug/l
RT: 9.529 min Scan# 2547
Delta R.T. -0.000 min
Lab File: VU052740.D
Acq: 19 Jan 2023 16:02

Tgt Ion:131 Resp: 129208
Ion Ratio Lower Upper
131 100
133 94.6 48.4 145.0
119 65.2 32.1 96.3





#67

Ethyl Benzene

Concen: 51.707 ug/l

RT: 9.565 min Scan# 2558

Delta R.T. -0.000 min

Lab File: VU052740.D

Acq: 19 Jan 2023 16:02

Instrument :

MSVOA_U

ClientSampleId :

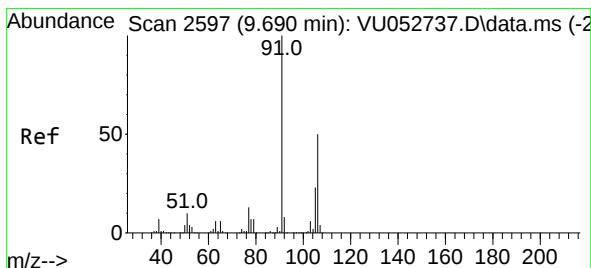
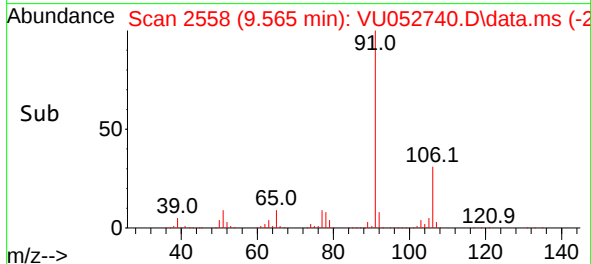
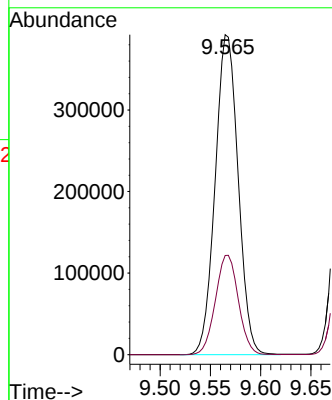
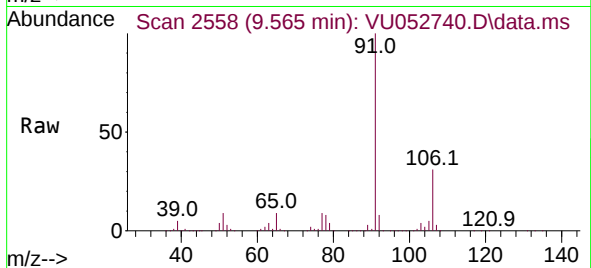
ICVVU011923

Tgt Ion: 91 Resp: 622726

Ion Ratio Lower Upper

91 100

106 31.0 24.6 37.0



#68

m/p-Xylenes

Concen: 105.758 ug/l

RT: 9.690 min Scan# 2597

Delta R.T. -0.000 min

Lab File: VU052740.D

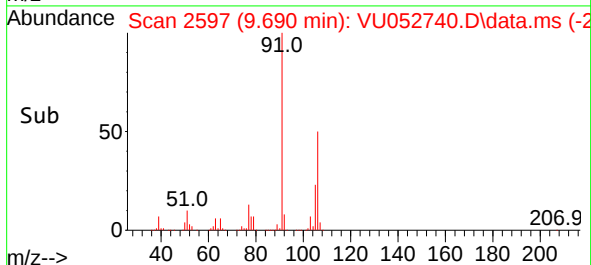
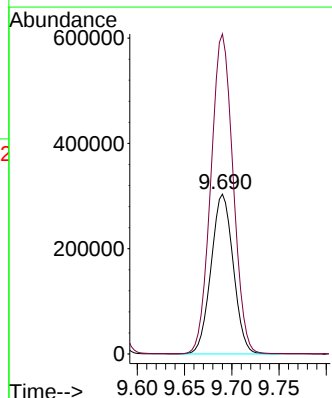
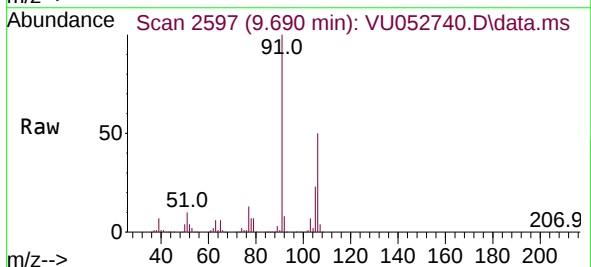
Acq: 19 Jan 2023 16:02

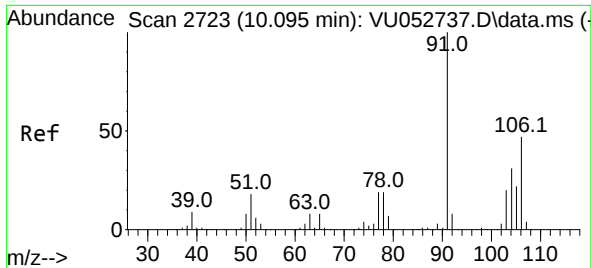
Tgt Ion:106 Resp: 494665

Ion Ratio Lower Upper

106 100

91 201.2 160.8 241.2

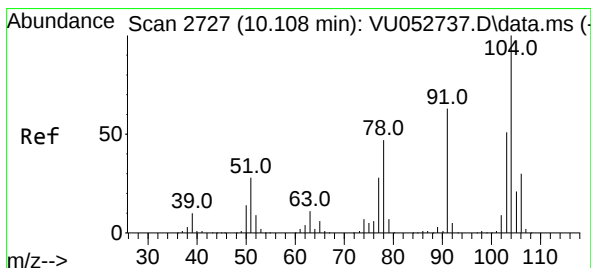
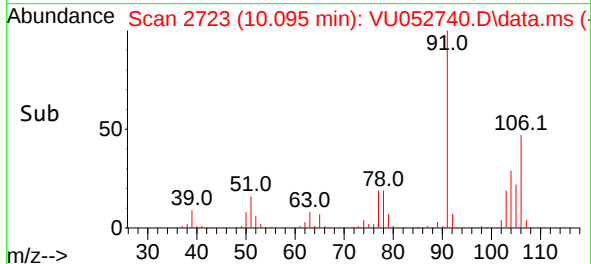
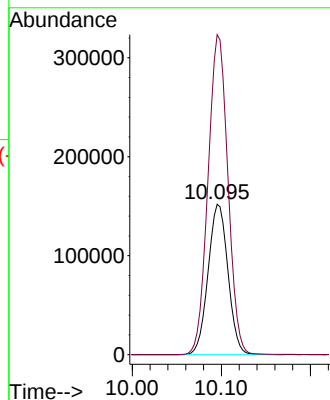
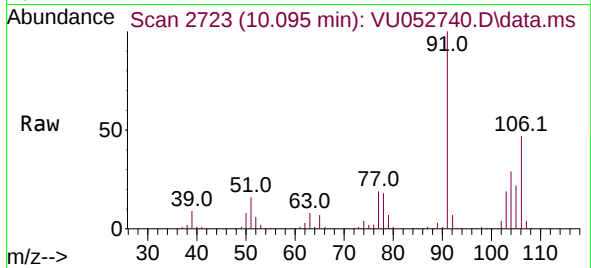




#69
o-Xylene
Concen: 52.672 ug/l
RT: 10.095 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU052740.D
Acq: 19 Jan 2023 16:02

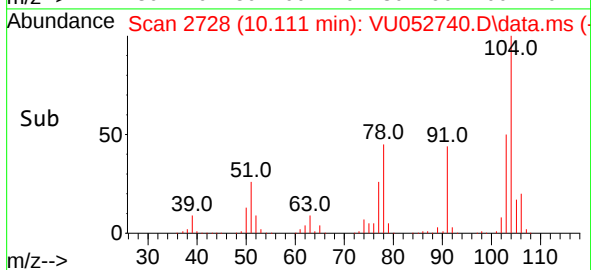
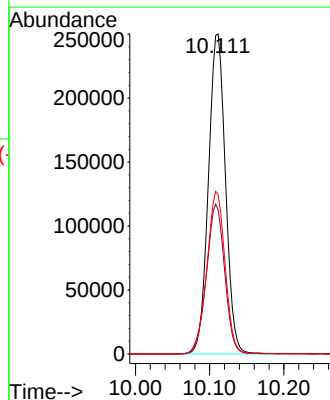
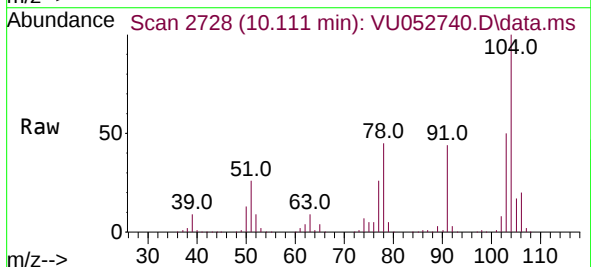
Instrument :
MSVOA_U
ClientSampleId :
ICVVU011923

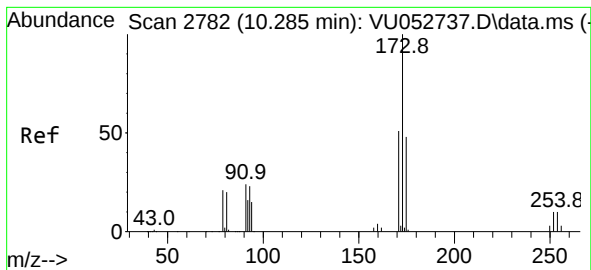
Tgt Ion:106 Resp: 235193
Ion Ratio Lower Upper
106 100
91 213.1 107.9 323.7



#70
Styrene
Concen: 48.982 ug/l
RT: 10.111 min Scan# 2728
Delta R.T. 0.003 min
Lab File: VU052740.D
Acq: 19 Jan 2023 16:02

Tgt Ion:104 Resp: 399000
Ion Ratio Lower Upper
104 100
78 50.1 39.9 59.9
103 54.1 43.4 65.2





#71

Bromoform

Concen: 48.417 ug/l

RT: 10.285 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU052740.D

Acq: 19 Jan 2023 16:02

Instrument :

MSVOA_U

ClientSampleId :

ICVVU011923

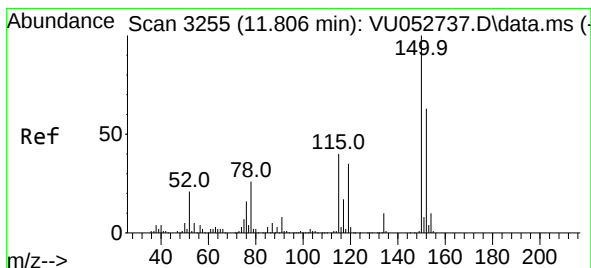
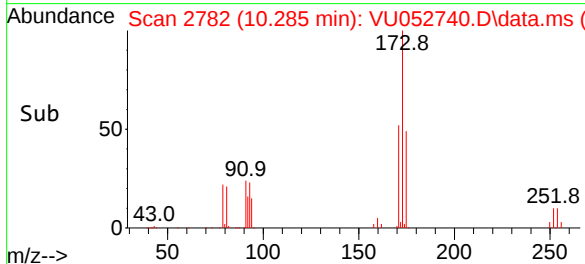
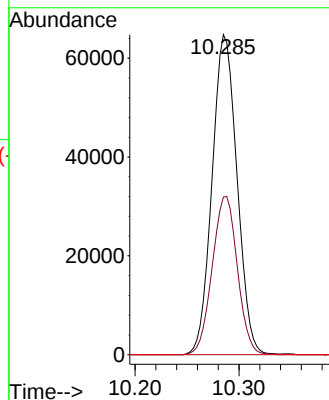
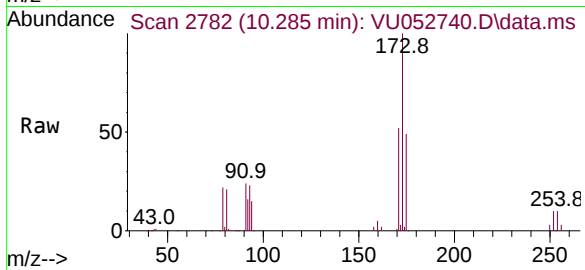
Tgt Ion:173 Resp: 108025

Ion Ratio Lower Upper

173 100

175 49.8 24.1 72.2

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.806 min Scan# 3255

Delta R.T. -0.000 min

Lab File: VU052740.D

Acq: 19 Jan 2023 16:02

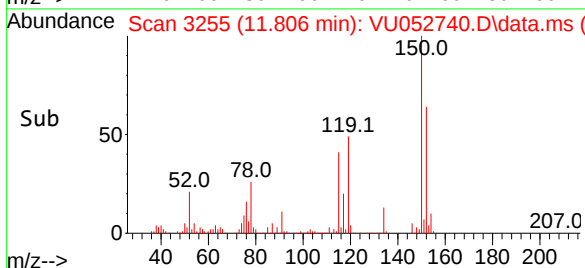
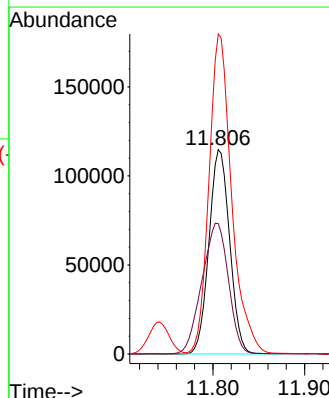
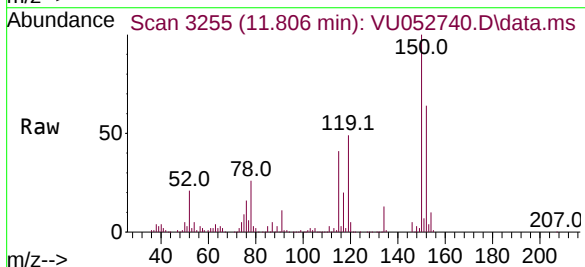
Tgt Ion:152 Resp: 179696

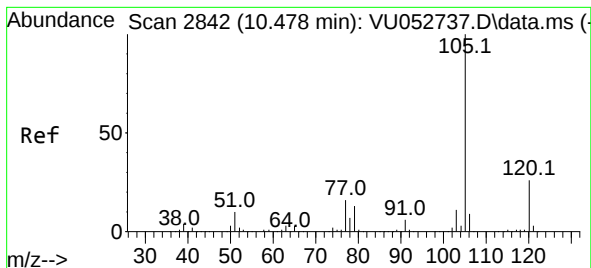
Ion Ratio Lower Upper

152 100

115 82.0 41.7 125.1

150 171.5 0.0 349.2





#73

Isopropylbenzene

Concen: 52.884 ug/l

RT: 10.481 min Scan# 2843

Delta R.T. 0.003 min

Lab File: VU052740.D

Acq: 19 Jan 2023 16:02

Instrument :

MSVOA_U

ClientSampleId :

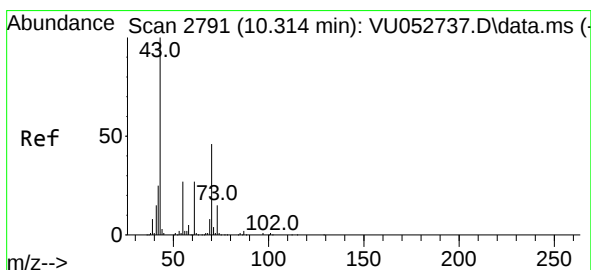
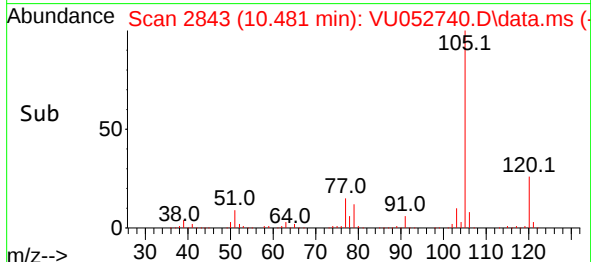
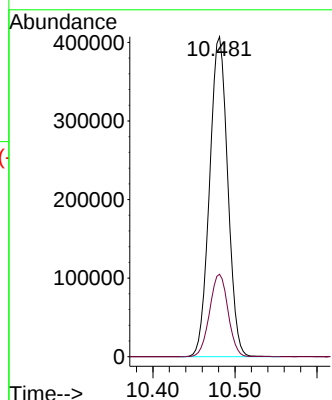
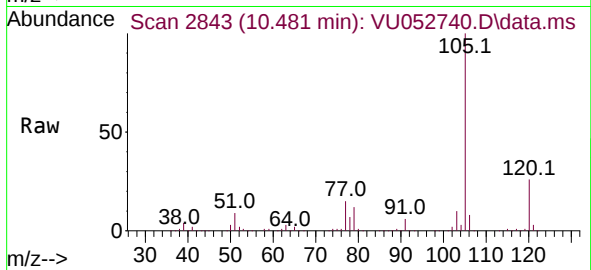
ICVVU011923

Tgt Ion:105 Resp: 626052

Ion Ratio Lower Upper

105 100

120 26.2 13.2 39.5



#74

N-amy1 acetate

Concen: 53.691 ug/l

RT: 10.317 min Scan# 2792

Delta R.T. 0.003 min

Lab File: VU052740.D

Acq: 19 Jan 2023 16:02

Tgt Ion: 43 Resp: 242142

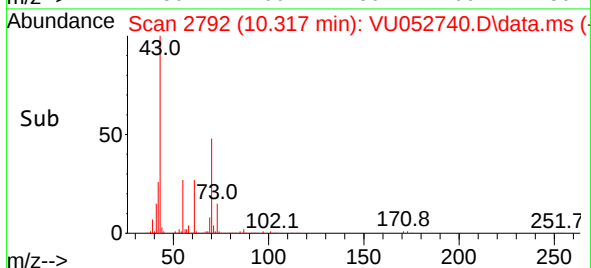
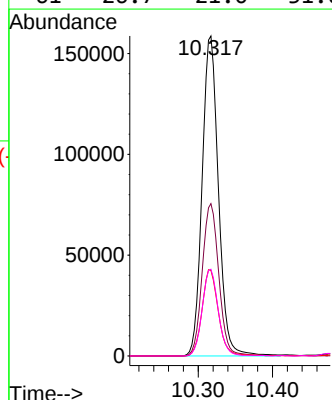
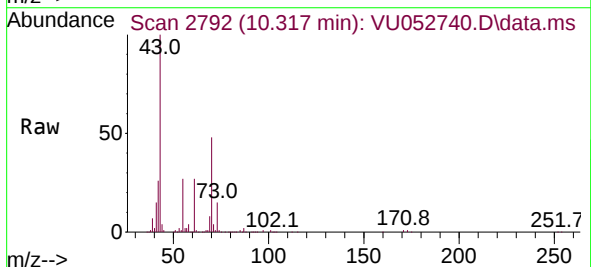
Ion Ratio Lower Upper

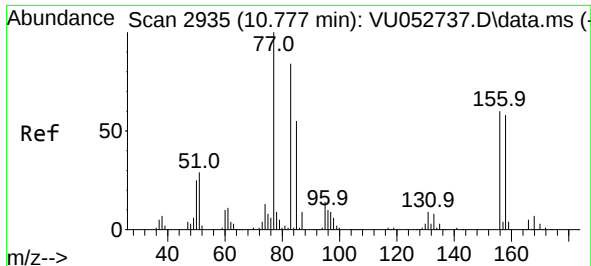
43 100

70 48.3 37.9 56.9

55 26.9 21.9 32.9

61 26.7 21.0 31.6

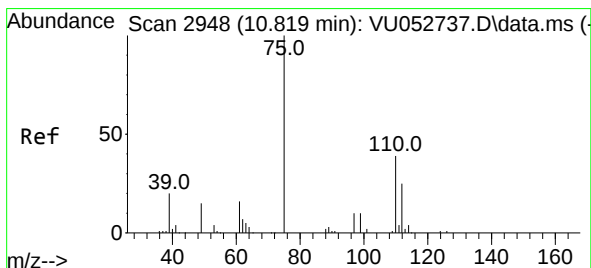
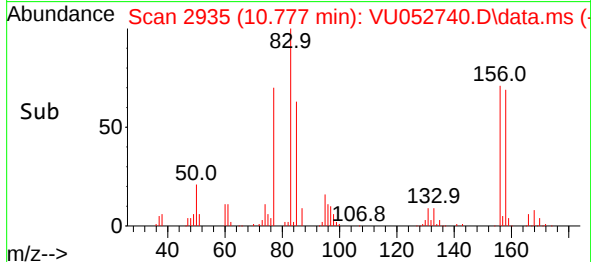
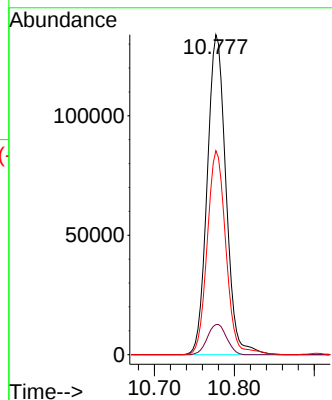
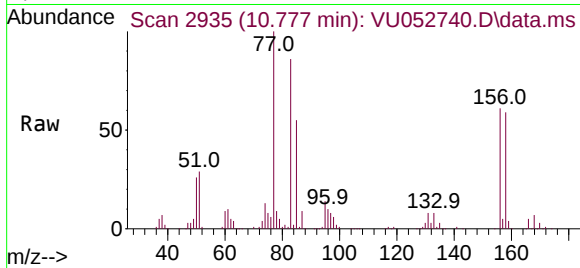




#75
1,1,2,2-Tetrachloroethane
Concen: 46.477 ug/l
RT: 10.777 min Scan# 2935
Delta R.T. -0.000 min
Lab File: VU052740.D
Acq: 19 Jan 2023 16:02

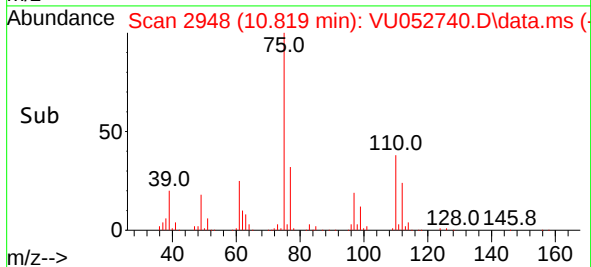
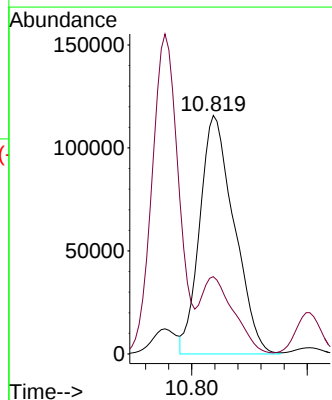
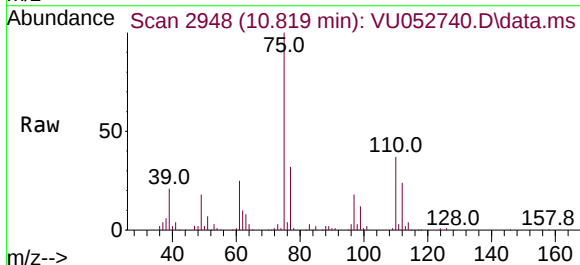
Instrument :
MSVOA_U
ClientSampleId :
ICVVU011923

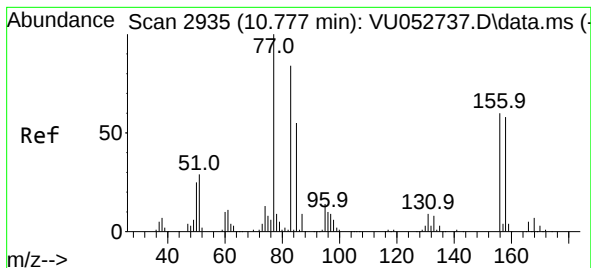
Tgt Ion: 83 Resp: 217985
Ion Ratio Lower Upper
83 100
131 9.7 5.0 14.9
85 63.7 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 48.782 ug/l
RT: 10.819 min Scan# 2948
Delta R.T. -0.000 min
Lab File: VU052740.D
Acq: 19 Jan 2023 16:02

Tgt Ion: 75 Resp: 239217
Ion Ratio Lower Upper
75 100
77 30.9 15.0 45.1





#77

Bromobenzene

Concen: 49.185 ug/l

RT: 10.777 min Scan# 2935

Delta R.T. -0.000 min

Lab File: VU052740.D

Acq: 19 Jan 2023 16:02

Instrument :

MSVOA_U

ClientSampleId :

ICVVU011923

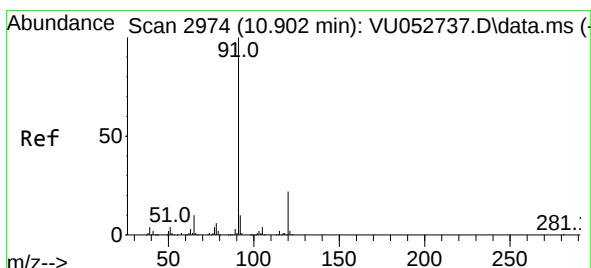
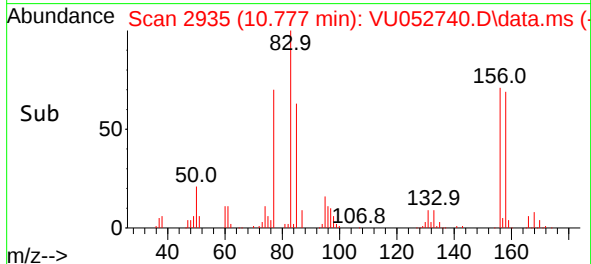
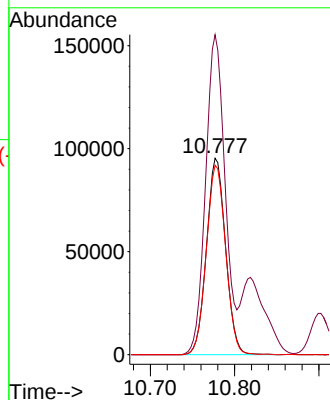
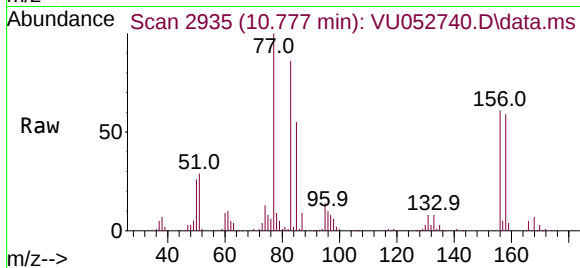
Tgt Ion:156 Resp: 150588

Ion Ratio Lower Upper

156 100

77 165.2 83.8 251.4

158 97.4 48.7 146.1



#78

n-propylbenzene

Concen: 53.586 ug/l

RT: 10.902 min Scan# 2974

Delta R.T. -0.000 min

Lab File: VU052740.D

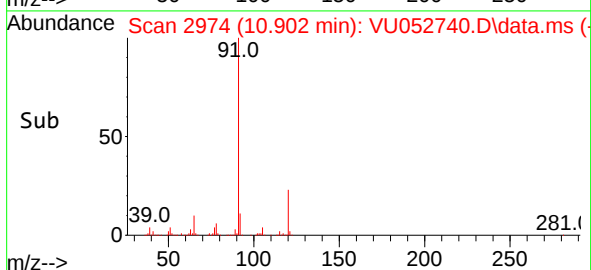
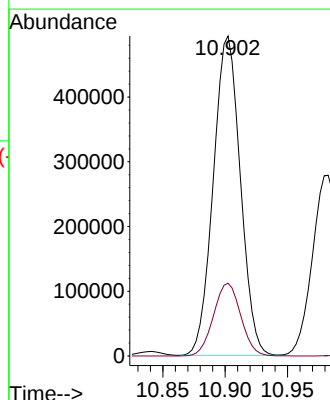
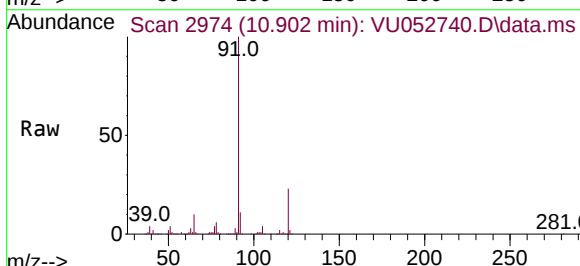
Acq: 19 Jan 2023 16:02

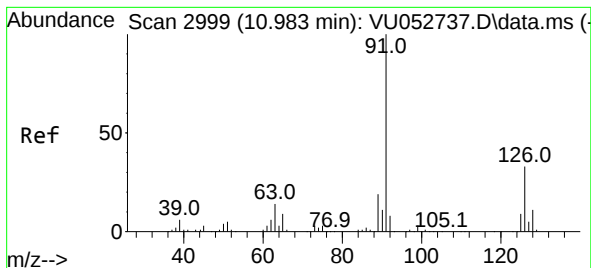
Tgt Ion: 91 Resp: 746069

Ion Ratio Lower Upper

91 100

120 23.0 11.3 33.8





#79

2-Chlorotoluene

Concen: 50.968 ug/l

RT: 10.983 min Scan# 2999

Delta R.T. -0.000 min

Lab File: VU052740.D

Acq: 19 Jan 2023 16:02

Instrument :

MSVOA_U

ClientSampleId :

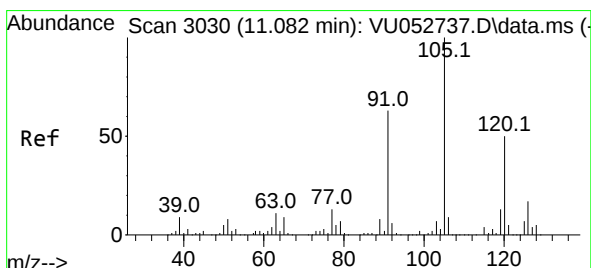
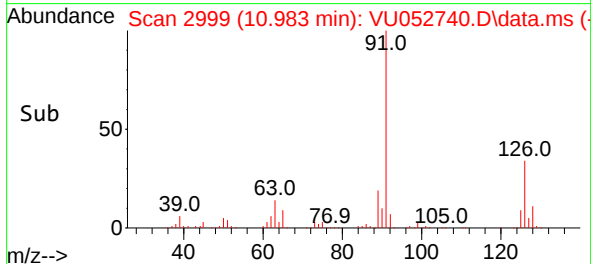
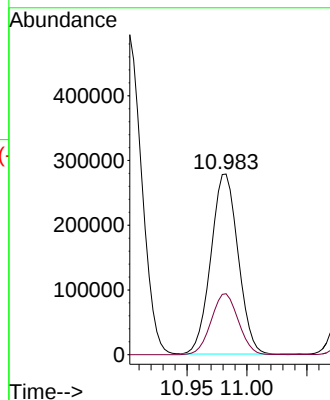
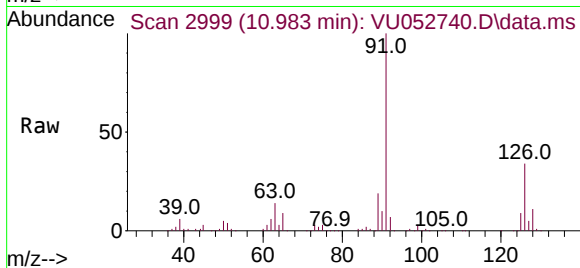
ICVVU011923

Tgt Ion: 91 Resp: 438493

Ion Ratio Lower Upper

91 100

126 33.9 16.7 50.0



#80

1,3,5-Trimethylbenzene

Concen: 54.196 ug/l

RT: 11.082 min Scan# 3030

Delta R.T. -0.000 min

Lab File: VU052740.D

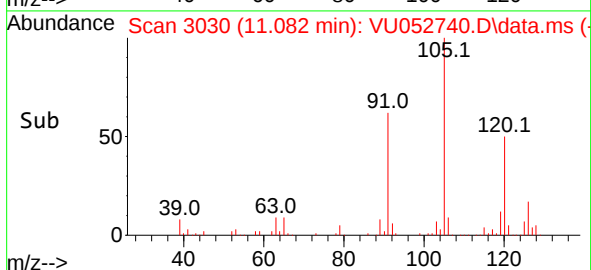
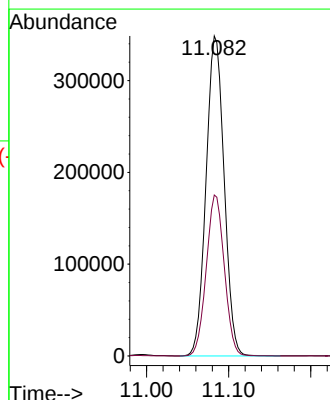
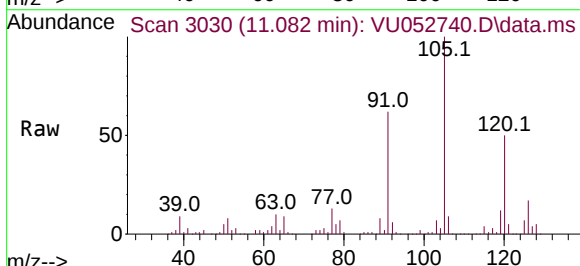
Acq: 19 Jan 2023 16:02

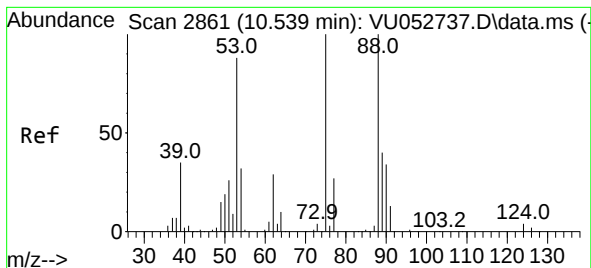
Tgt Ion: 105 Resp: 532992

Ion Ratio Lower Upper

105 100

120 50.2 25.1 75.2

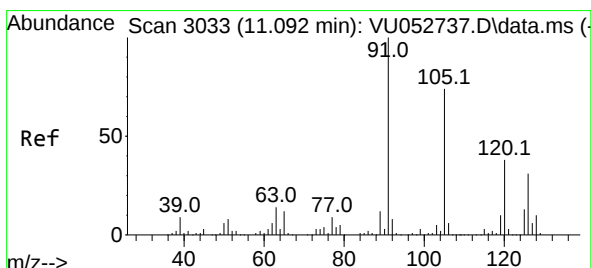
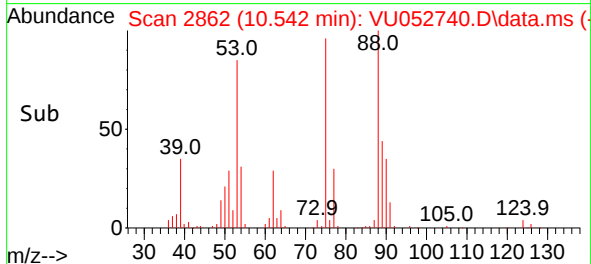
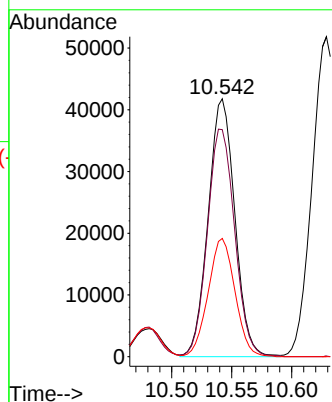
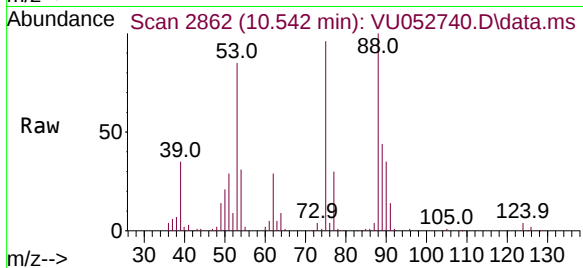




#81
trans-1,4-Dichloro-2-butene
Concen: 51.192 ug/l
RT: 10.542 min Scan# 2862
Delta R.T. 0.003 min
Lab File: VU052740.D
Acq: 19 Jan 2023 16:02

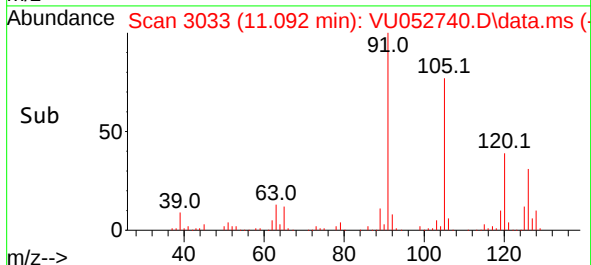
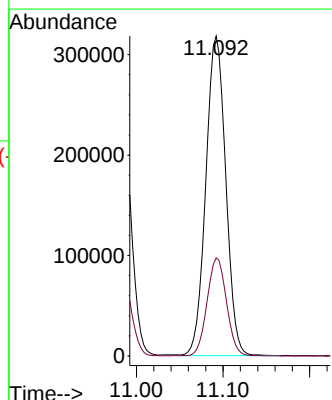
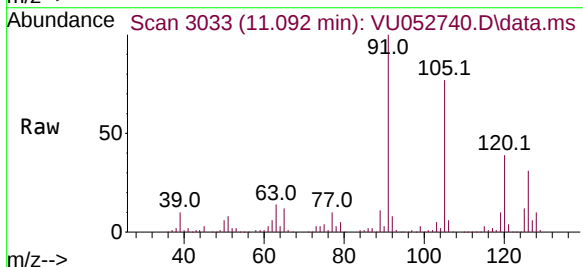
Instrument :
MSVOA_U
ClientSampleId :
ICVVU011923

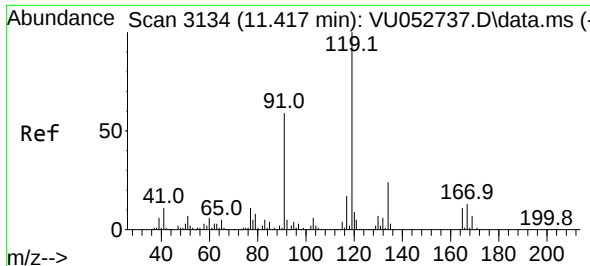
Tgt Ion: 75 Resp: 64602
Ion Ratio Lower Upper
75 100
53 90.5 72.4 108.6
89 46.2 35.0 52.4



#82
4-Chlorotoluene
Concen: 51.832 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. -0.000 min
Lab File: VU052740.D
Acq: 19 Jan 2023 16:02

Tgt Ion: 91 Resp: 508280
Ion Ratio Lower Upper
91 100
126 30.0 14.9 44.7

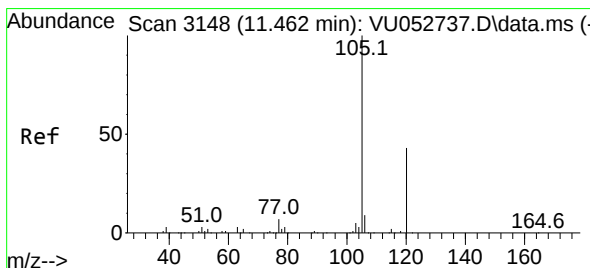
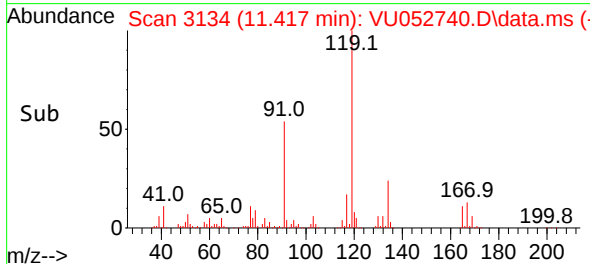
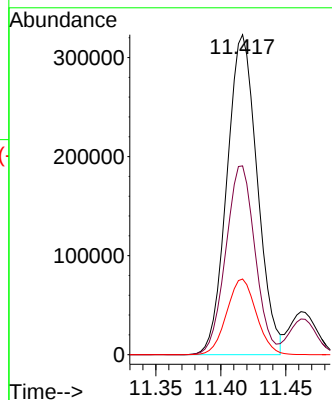
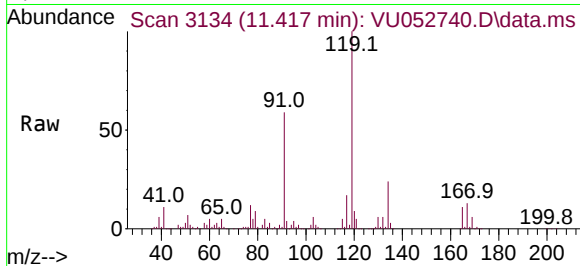




#83
tert-Butylbenzene
Concen: 52.052 ug/l
RT: 11.417 min Scan# 3134
Delta R.T. -0.000 min
Lab File: VU052740.D
Acq: 19 Jan 2023 16:02

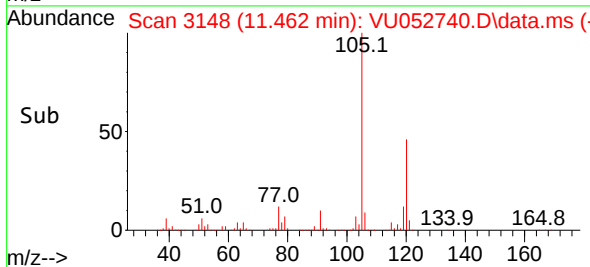
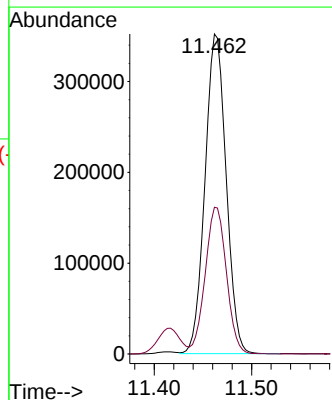
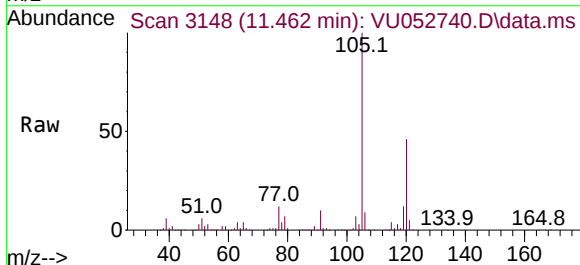
Instrument :
MSVOA_U
ClientSampleId :
ICVVU011923

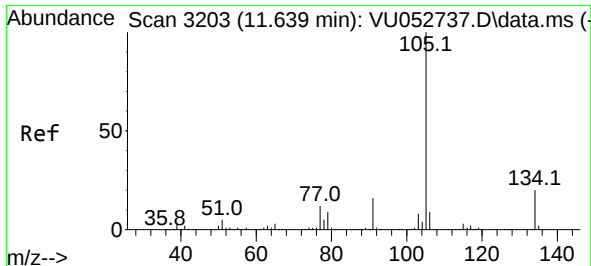
Tgt Ion:119 Resp: 525418
Ion Ratio Lower Upper
119 100
91 56.9 28.4 85.2
134 23.1 11.5 34.5



#84
1,2,4-Trimethylbenzene
Concen: 54.381 ug/l
RT: 11.462 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU052740.D
Acq: 19 Jan 2023 16:02

Tgt Ion:105 Resp: 530826
Ion Ratio Lower Upper
105 100
120 46.1 23.2 69.5

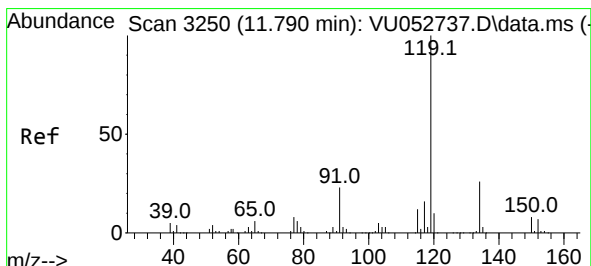
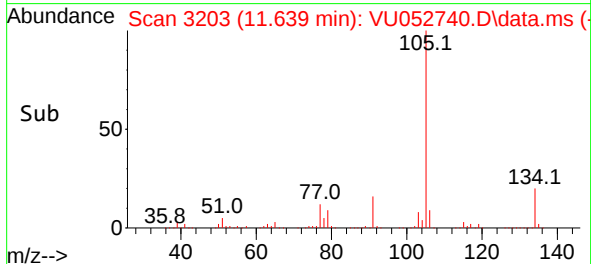
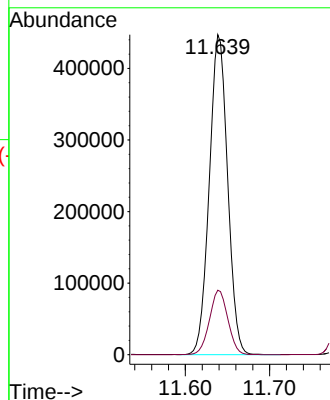
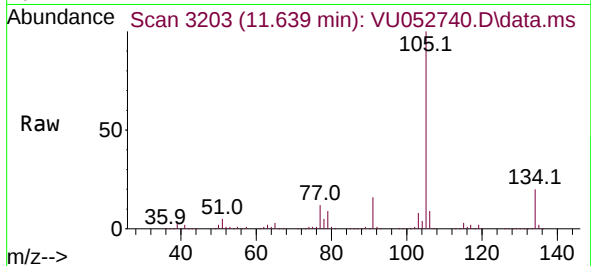




#85
 sec-Butylbenzene
 Concen: 54.705 ug/l
 RT: 11.639 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU052740.D
 Acq: 19 Jan 2023 16:02

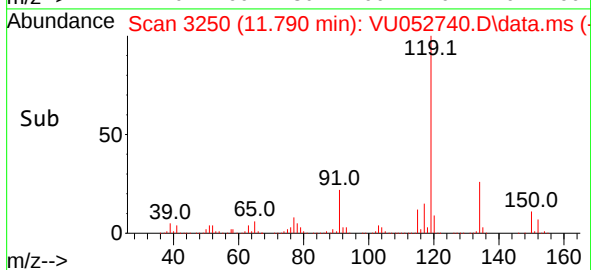
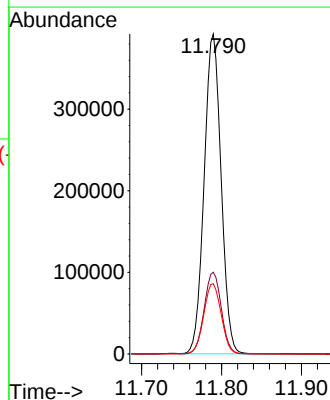
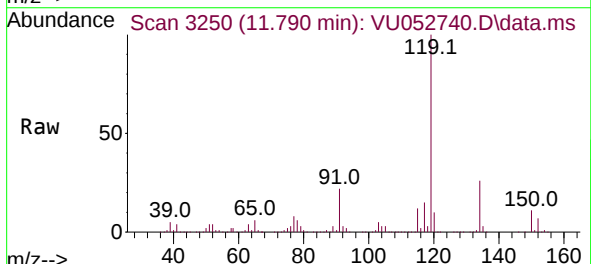
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU011923

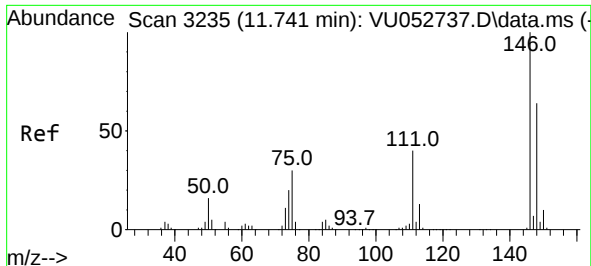
Tgt Ion:105 Resp: 675942
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 55.034 ug/l
 RT: 11.790 min Scan# 3250
 Delta R.T. -0.000 min
 Lab File: VU052740.D
 Acq: 19 Jan 2023 16:02

Tgt Ion:119 Resp: 578223
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.1 39.1
 91 22.5 11.5 34.5





#87

1,3-Dichlorobenzene

Concen: 49.951 ug/l

RT: 11.741 min Scan# 3235

Delta R.T. 0.000 min

Lab File: VU052740.D

Acq: 19 Jan 2023 16:02

Instrument :

MSVOA_U

ClientSampleId :

ICVVU011923

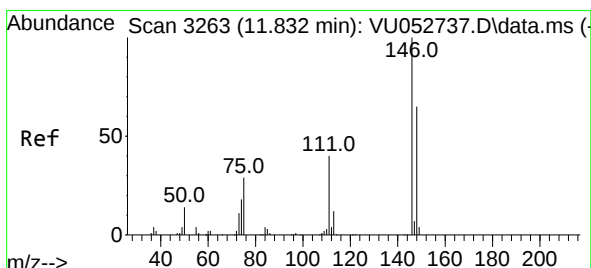
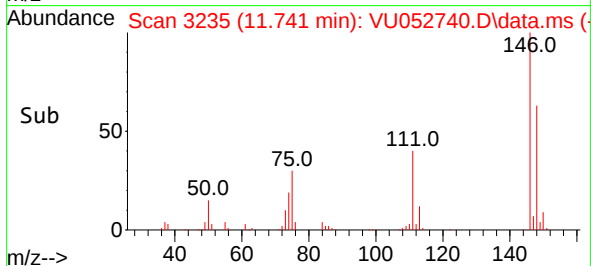
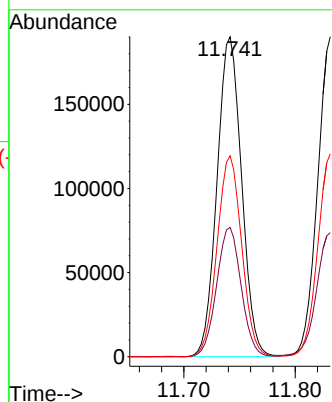
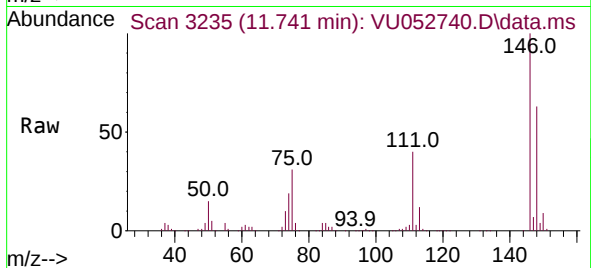
Tgt Ion:146 Resp: 291531

Ion Ratio Lower Upper

146 100

111 40.4 20.1 60.2

148 63.1 31.6 94.7



#88

1,4-Dichlorobenzene

Concen: 48.893 ug/l

RT: 11.831 min Scan# 3263

Delta R.T. -0.000 min

Lab File: VU052740.D

Acq: 19 Jan 2023 16:02

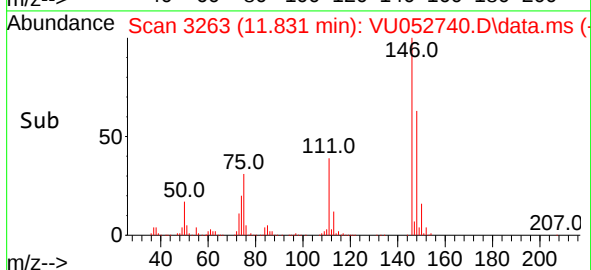
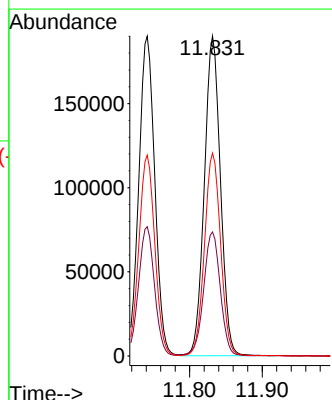
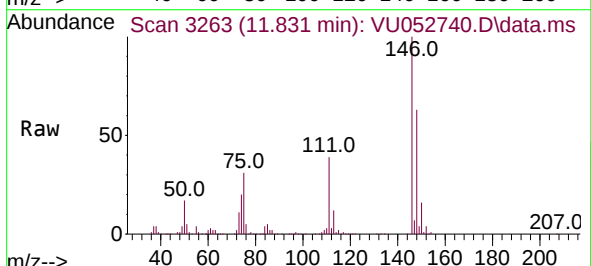
Tgt Ion:146 Resp: 293394

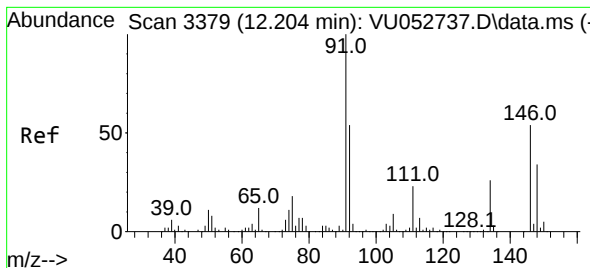
Ion Ratio Lower Upper

146 100

111 40.0 20.3 61.0

148 63.4 32.3 96.8





#89

n-Butylbenzene

Concen: 48.920 ug/l

RT: 12.204 min Scan# 3379

Delta R.T. 0.000 min

Lab File: VU052740.D

Acq: 19 Jan 2023 16:02

Instrument :

MSVOA_U

ClientSampleId :

ICVVU011923

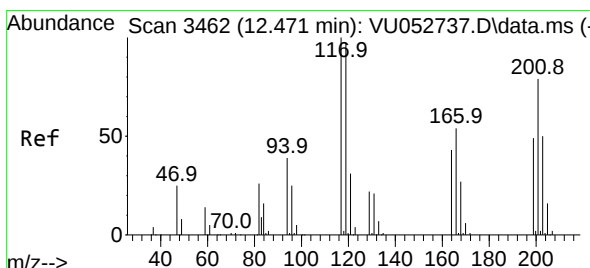
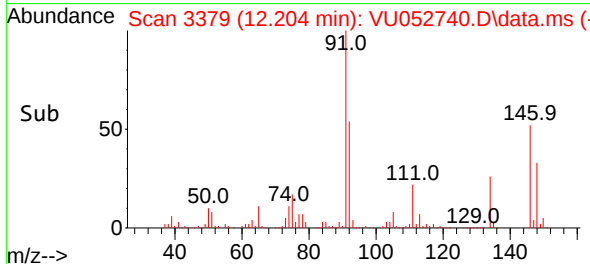
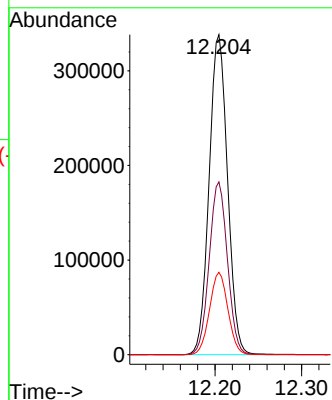
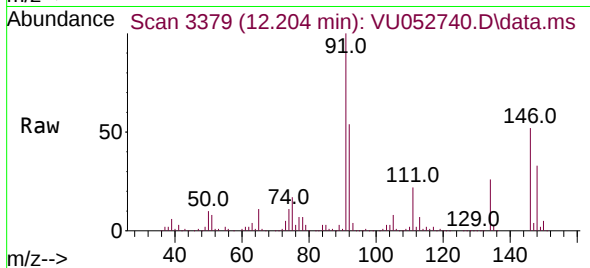
Tgt Ion: 91 Resp: 499252

Ion Ratio Lower Upper

91 100

92 53.6 26.8 80.3

134 25.7 13.1 39.3



#90

Hexachloroethane

Concen: 48.395 ug/l

RT: 12.471 min Scan# 3462

Delta R.T. -0.000 min

Lab File: VU052740.D

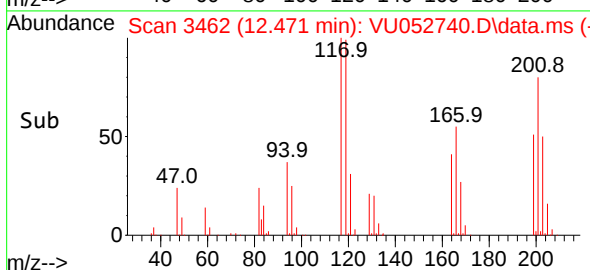
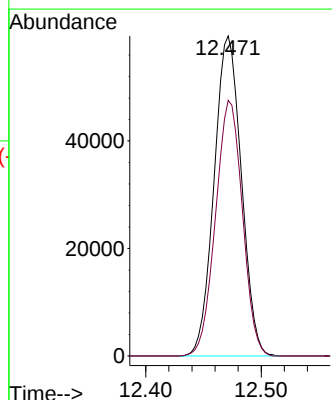
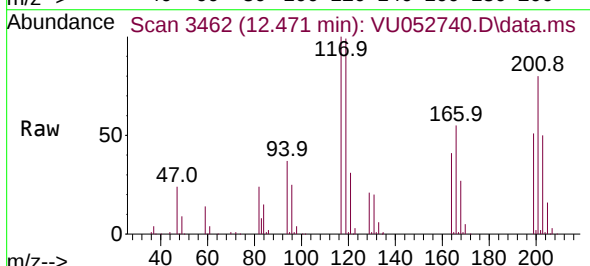
Acq: 19 Jan 2023 16:02

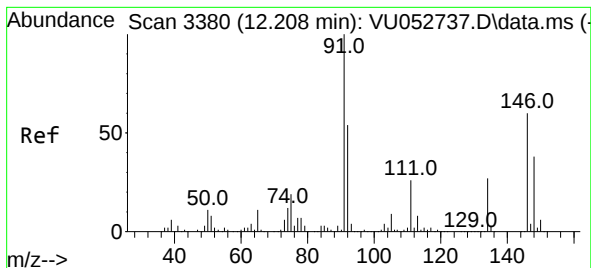
Tgt Ion: 117 Resp: 97551

Ion Ratio Lower Upper

117 100

201 78.7 39.3 117.9





#91

1,2-Dichlorobenzene

Concen: 49.137 ug/l

RT: 12.208 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU052740.D

Acq: 19 Jan 2023 16:02

Instrument :

MSVOA_U

ClientSampleId :

ICVVU011923

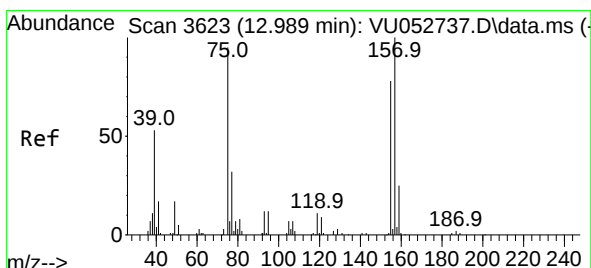
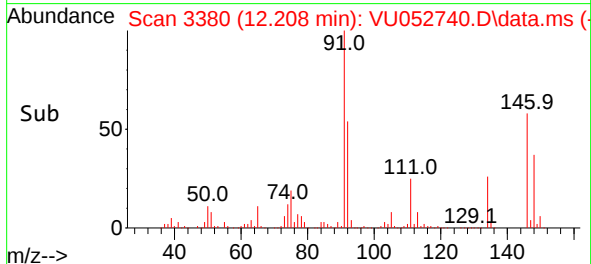
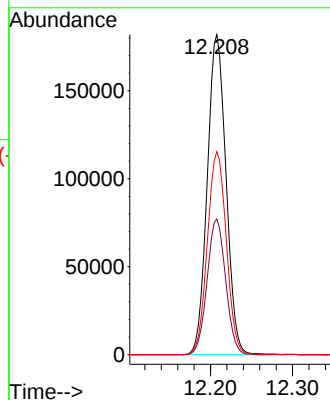
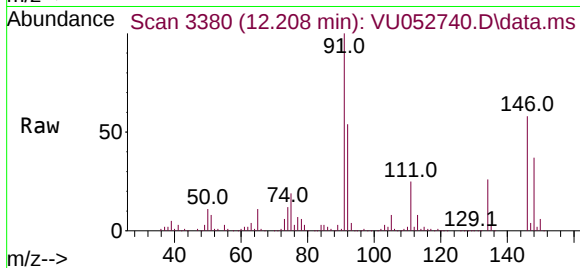
Tgt Ion:146 Resp: 289199

Ion Ratio Lower Upper

146 100

111 42.0 21.1 63.1

148 64.1 31.4 94.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.176 ug/l

RT: 12.992 min Scan# 3624

Delta R.T. 0.003 min

Lab File: VU052740.D

Acq: 19 Jan 2023 16:02

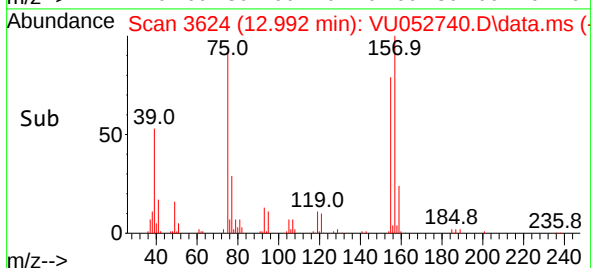
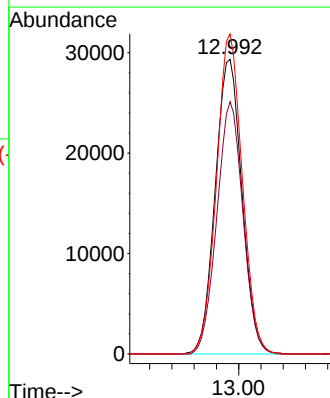
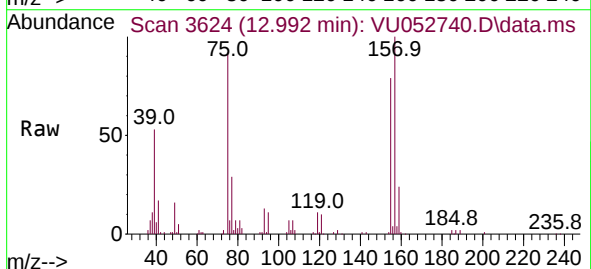
Tgt Ion: 75 Resp: 48831

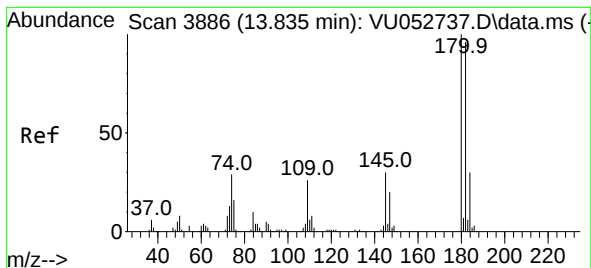
Ion Ratio Lower Upper

75 100

155 83.7 41.4 124.4

157 105.3 53.4 160.2





#93

1,2,4-Trichlorobenzene

Concen: 55.301 ug/l

RT: 13.835 min Scan# 3886

Delta R.T. -0.000 min

Lab File: VU052740.D

Acq: 19 Jan 2023 16:02

Instrument :

MSVOA_U

ClientSampleId :

ICVVU011923

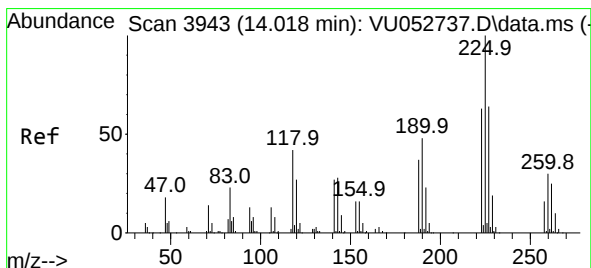
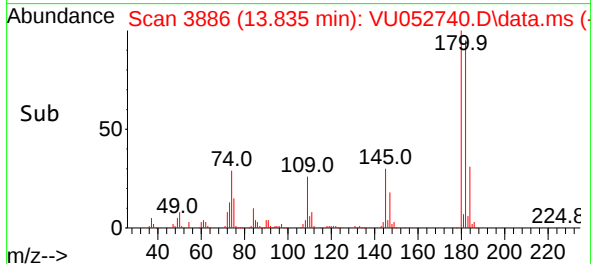
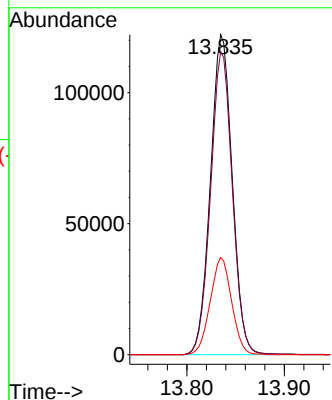
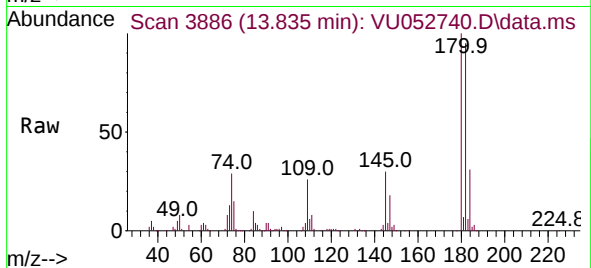
Tgt Ion:180 Resp: 190089

Ion Ratio Lower Upper

180 100

182 94.4 47.4 142.3

145 29.8 14.9 44.5



#94

Hexachlorobutadiene

Concen: 49.853 ug/l

RT: 14.015 min Scan# 3942

Delta R.T. -0.003 min

Lab File: VU052740.D

Acq: 19 Jan 2023 16:02

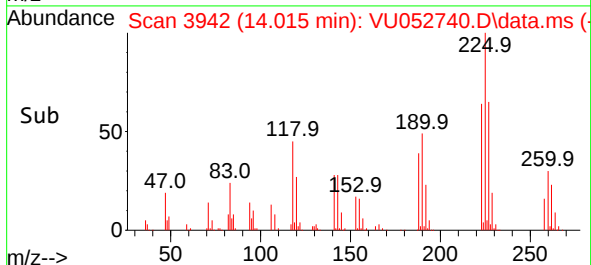
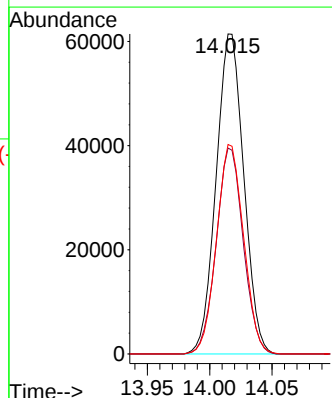
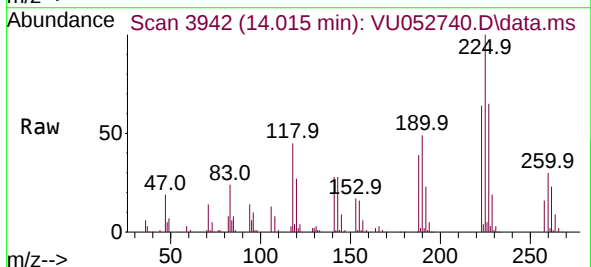
Tgt Ion:225 Resp: 94986

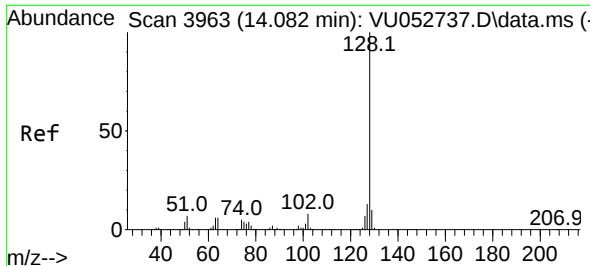
Ion Ratio Lower Upper

225 100

223 62.8 31.8 95.3

227 64.1 31.8 95.4

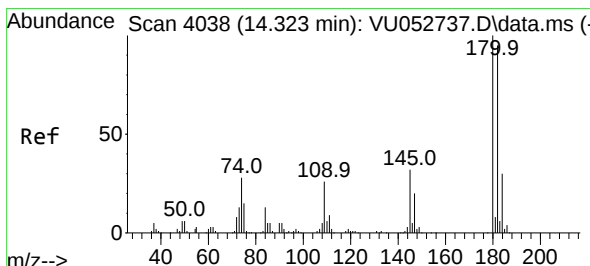
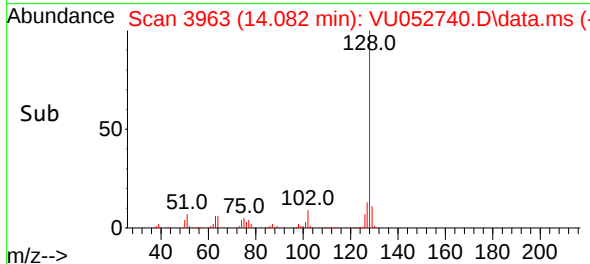
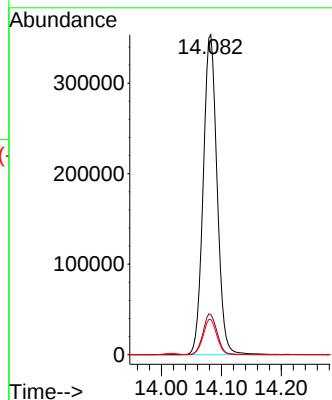
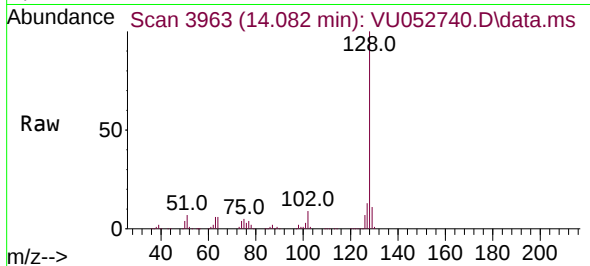




#95
Naphthalene
Concen: 49.878 ug/l
RT: 14.082 min Scan# 3963
Delta R.T. 0.000 min
Lab File: VU052740.D
Acq: 19 Jan 2023 16:02

Instrument :
MSVOA_U
ClientSampleId :
ICVVU011923

Tgt Ion:128 Resp: 569294
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 54.884 ug/l
RT: 14.323 min Scan# 4038
Delta R.T. -0.000 min
Lab File: VU052740.D
Acq: 19 Jan 2023 16:02

Tgt Ion:180 Resp: 187290
Ion Ratio Lower Upper
180 100
182 96.1 48.1 144.3
145 32.0 15.8 47.4

