

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101321\
 Data File : VU045302.D
 Acq On : 13 Oct 2021 11:05
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 14 05:05:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101321DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Oct 14 05:02:20 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.118	96	42504	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.636	95	15152	0.950	ug/l	0.00
Spiked Amount 1.000			Recovery	=	95.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	14148	0.784	ug/l	0.00
Spiked Amount 1.000			Recovery	=	78.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	80721	4.880	ug/l	100
3) Chloromethane	1.520	50	81795	4.373	ug/l	99
4) Vinyl Chloride	1.604	62	86009	4.062	ug/l	99
5) Bromomethane	1.858	94	45445	2.783	ug/l	100
6) Chloroethane	1.935	64	54515	3.491	ug/l	99
7) Trichlorofluoromethane	2.141	101	99880	3.060	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	58577	2.960	ug/l	99
9) 1,1-Dichloroethene	2.581	96	54036	2.956	ug/l	99
10) Iodomethane	2.726	142	61482	2.887	ug/l	100
11) Allyl Chloride	2.928	41	79699	3.700	ug/l	99
12) Acrylonitrile	3.330	53	29266	8.522	ug/l	96
13) Acetone	2.645	43	75262	32.225	ug/l	97
14) Carbon Disulfide	2.797	76	166356	3.126	ug/l	100
15) Methylene Chloride	3.051	84	62460	2.136	ug/l	97
16) trans-1,2-Dichloroethene	3.356	96	59124	2.999	ug/l	98
17) 1,1-Dichloroethane	3.874	63	111525	3.318	ug/l	100
18) 2-Butanone	4.719	43	101812	25.517	ug/l	99
19) Cyclohexane	5.391	56	91872	3.022	ug/l	90
20) Methylcyclohexane	6.768	83	102736	5.394	ug/l	98
21) 2,2-Dichloropropane	4.671	77	93313	3.033	ug/l	100
22) cis-1,2-Dichloroethene	4.674	96	64524	2.873	ug/l	99
23) Diethyl Ether	2.382	59	52668	3.943	ug/l	97
24) tert-Butyl Alcohol	3.218	59	49299	68.313	ug/l	# 95
25) Methyl tert-Butyl Ether	3.372	73	153389	3.347	ug/l	97
26) Bromochloromethane	4.980	128	27933	2.661	ug/l	98
27) Chloroform	5.096	83	111065	2.861	ug/l	99
28) 1,1,1-Trichloroethane	5.321	97	92819	2.815	ug/l	99
29) 1,1-Dichloropropene	5.530	75	87144	5.437	ug/l	99
30) Carbon Tetrachloride	5.530	117	72221	4.692	ug/l	98
31) Isopropyl Ether	4.002	45	177079	3.680	ug/l	99
32) Ethyl-t-butyl ether	4.510	59	180572	3.443	ug/l	100
33) Tert-Amyl methyl ether	5.948	73	159754	5.774	ug/l	99
34) Propionitrile	4.797	54	27898	26.059	ug/l	# 91
35) Benzene	5.777	78	245648	5.365	ug/l	99
36) 1,2-Dichloroethane	5.800	62	77729	5.228	ug/l	99
37) Trichloroethene	6.546	130	60342	4.682	ug/l	98
38) 1,2-Dichloropropane	6.796	63	63582	5.494	ug/l	98
39) Methacrylonitrile	4.980	41	22421	3.917	ug/l	95
40) Methyl acrylate	4.854	55	33830	3.560	ug/l	# 94
41) Tetrahydrofuran	5.070	42	24291	8.317	ug/l	94
42) 1-Chlorobutane	5.462	56	123382	5.884	ug/l	99
43) Dibromomethane	6.922	93	31956	4.656	ug/l	99
44) Bromodichloromethane	7.112	83	78952	4.945	ug/l	98

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 ALS Vial : 5 Sample Multiplier: 1

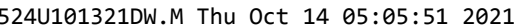
Instrument :
 MSVOA_U
 ClientSampleId :

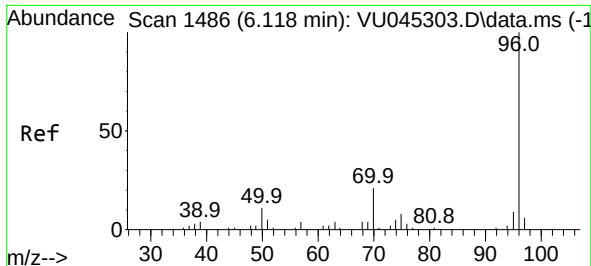
Quant Time: Oct 14 05:05:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101321DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Oct 14 05:02:20 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.796	43	221573	30.173	ug/l	99
46) t-1,4-Dichloro-2-butene	10.828	75	75701	25.093	ug/l #	54
47) Methyl methacrylate	6.967	69	66052	11.175	ug/l	99
48) Ethyl methacrylate	8.340	69	65835	5.547	ug/l	99
49) Toluene	7.973	92	152131	5.128	ug/l	100
50) t-1,3-Dichloropropene	8.214	75	77836	5.484	ug/l	100
51) cis-1,3-Dichloropropene	7.613	75	91889	5.653	ug/l	100
52) 1,1,2-Trichloroethane	8.404	97	45690	4.698	ug/l	97
53) 1,3-Dichloropropane	8.581	76	84736	5.008	ug/l	99
54) 2-Hexanone	8.690	43	166122	31.357	ug/l	100
55) Dibromochloromethane	8.812	129	47810	4.389	ug/l	98
56) 1,2-Dibromoethane	8.928	107	42871	4.520	ug/l	96
58) Tetrachloroethene	8.555	164	53522	4.467	ug/l	99
59) Chlorobenzene	9.449	112	156300	4.709	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.539	131	52764	4.482	ug/l	98
61) Pentachloroethane	11.430	117	38131	4.146	ug/l	100
62) Hexachloroethane	12.478	117	39831	4.299	ug/l	99
63) Ethyl Benzene	9.574	91	287921	5.192	ug/l	99
64) m/p-Xylenes	9.697	106	220323	10.022	ug/l	100
65) o-Xylene	10.102	106	106573	5.003	ug/l	99
66) Styrene	10.118	104	175616	4.912	ug/l	100
67) Bromoform	10.295	173	25414	4.192	ug/l	99
69) Isopropylbenzene	10.488	105	277099	4.975	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.787	83	58309	4.473	ug/l	99
71) 1,2,3-Trichloropropane	10.828	75	75701	8.015	ug/l	72
72) Bromobenzene	10.783	156	61030	4.353	ug/l	99
73) n-propylbenzene	10.909	120	72440	4.720	ug/l	97
74) 2-Chlorotoluene	10.989	126	63372	4.609	ug/l	99
75) 1,3,5-Trimethylbenzene	11.092	105	237143	4.965	ug/l	99
76) 4-Chlorotoluene	11.102	126	64678	4.467	ug/l	97
77) tert-Butylbenzene	11.423	119	226682	4.775	ug/l	99
78) 1,2,4-Trimethylbenzene	11.472	105	240837	4.932	ug/l	100
79) sec-Butylbenzene	11.648	105	310865	4.822	ug/l	98
80) Nitrobenzene	13.211	77	8493	27.772	ug/l #	96
81) p-Isopropyltoluene	11.796	119	253358	4.822	ug/l	100
82) 1,3-Dichlorobenzene	11.748	146	120379	4.300	ug/l	99
83) 1,4-Dichlorobenzene	11.838	146	118909	4.238	ug/l	99
84) n-Butylbenzene	12.211	91	239420	4.784	ug/l	99
85) 1,2-Dichlorobenzene	12.217	146	112862	4.048	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.999	75	10161	5.283	ug/l	97
87) 1,2,4-Trichlorobenzene	13.844	180	70415	4.053	ug/l	100
88) Hexachlorobutadiene	14.024	225	33104	3.468	ug/l	99
89) Naphthalene	14.089	128	139442	4.134	ug/l	100
90) 1,2,3-Trichlorobenzene	14.333	180	65732	3.917	ug/l	98

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

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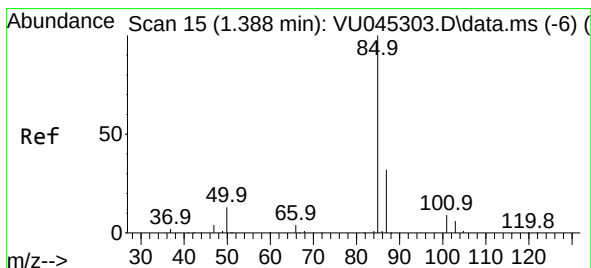
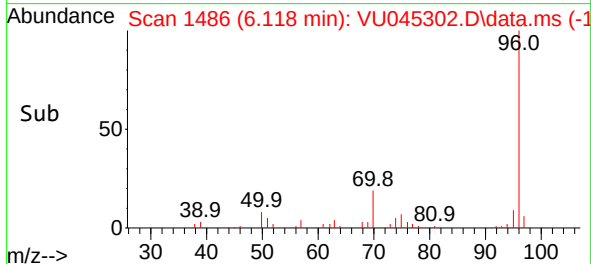
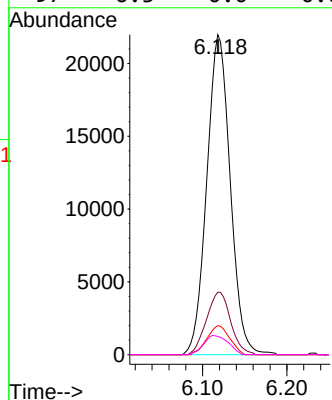
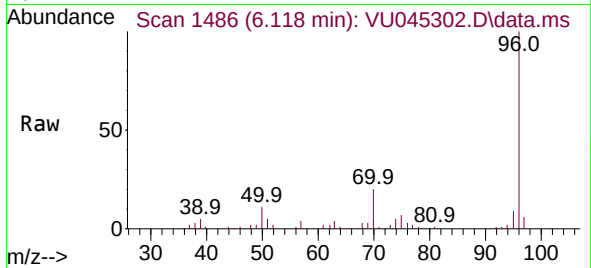




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.118 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VU045302.D
Acq: 13 Oct 2021 11:05

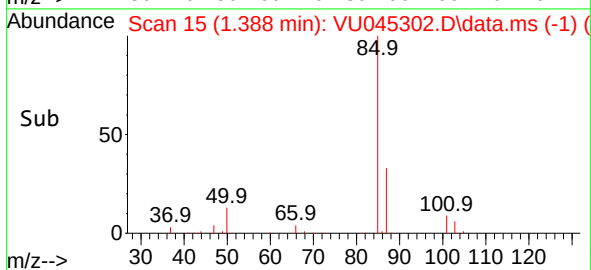
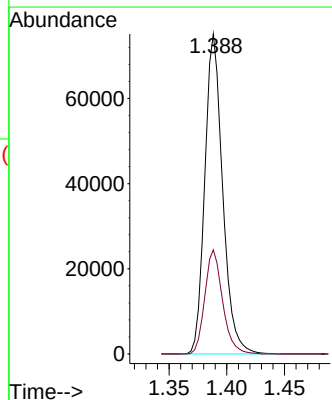
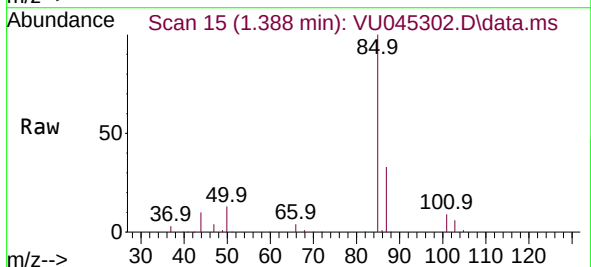
Instrument :
MSVOA_U
ClientSampled :

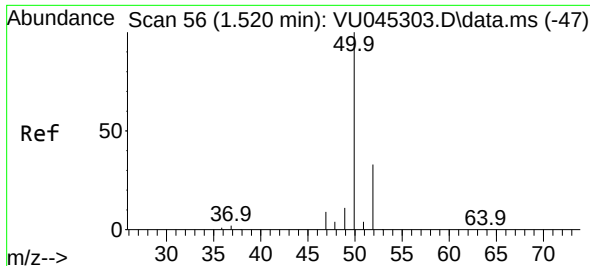
Tgt Ion:	96	Resp:	42504
Ion	Ratio	Lower	Upper
96	100		
70	20.2	16.8	25.2
95	8.8	7.3	10.9
97	6.3	0.0	0.0



#2
Dichlorodifluoromethane
Concen: 4.880 ug/l
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU045302.D
Acq: 13 Oct 2021 11:05

Tgt Ion:	85	Resp:	80721
Ion	Ratio	Lower	Upper
85	100		
87	32.5	16.2	48.6

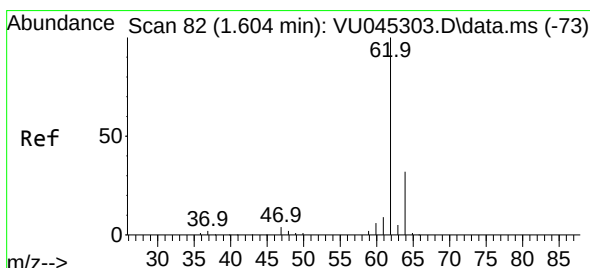
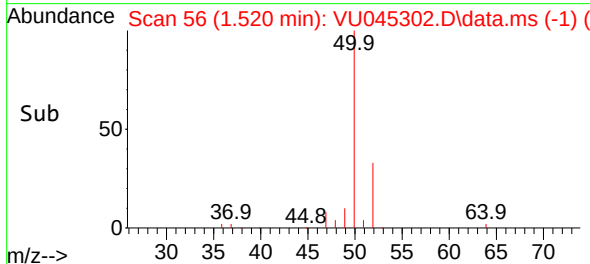
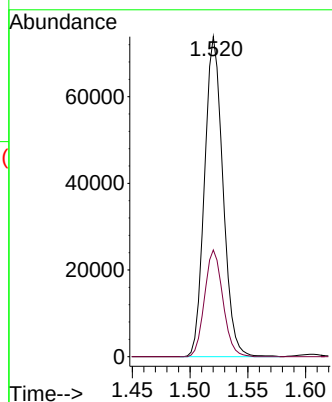
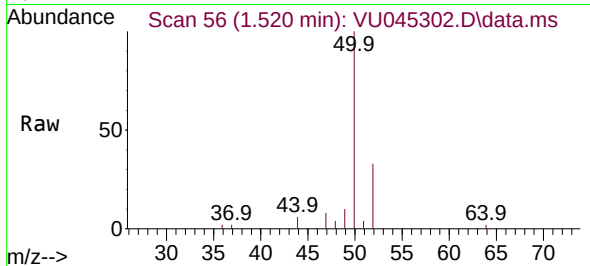




#3
Chloromethane
Concen: 4.373 ug/l
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU045302.D
Acq: 13 Oct 2021 11:05

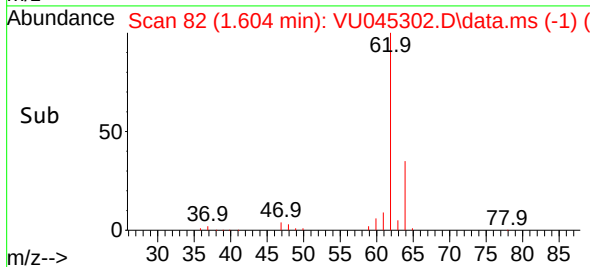
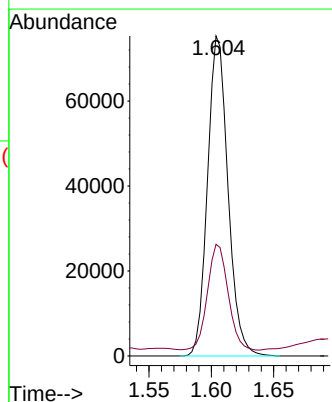
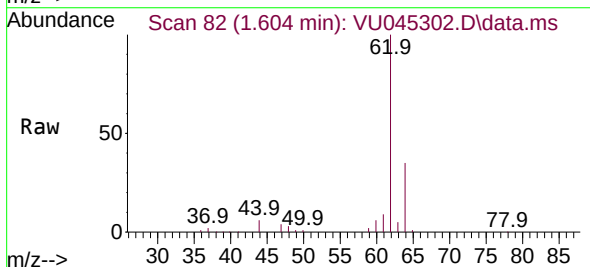
Instrument :
MSVOA_U
ClientSampled :

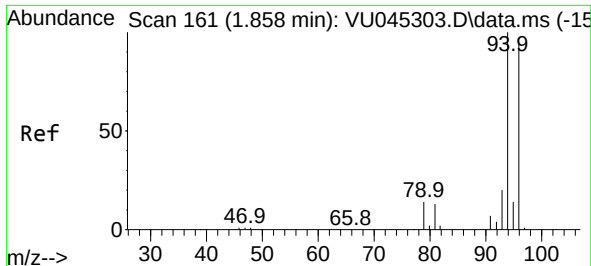
Tgt Ion: 50 Resp: 81795
Ion Ratio Lower Upper
50 100
52 33.4 26.2 39.4



#4
Vinyl Chloride
Concen: 4.062 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU045302.D
Acq: 13 Oct 2021 11:05

Tgt Ion: 62 Resp: 86009
Ion Ratio Lower Upper
62 100
64 32.9 26.0 39.0

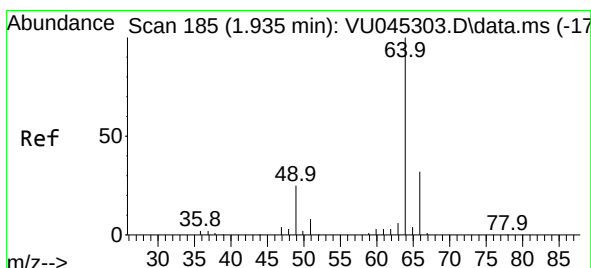
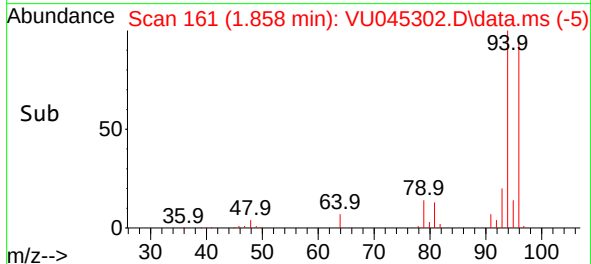
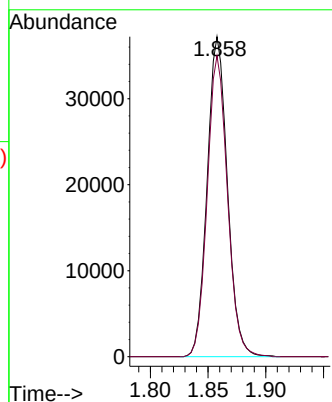
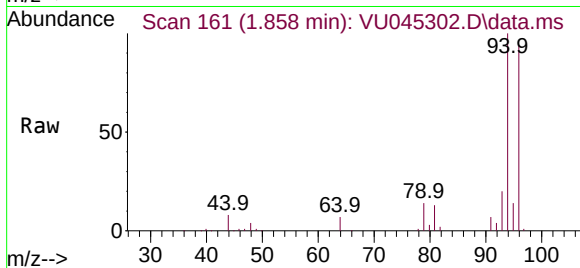




#5
Bromomethane
Concen: 2.783 ug/l
RT: 1.858 min Scan# 161
Delta R.T. 0.000 min
Lab File: VU045302.D
Acq: 13 Oct 2021 11:05

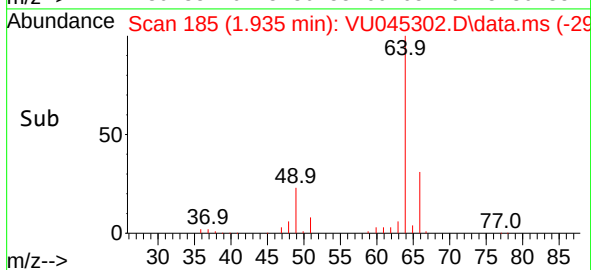
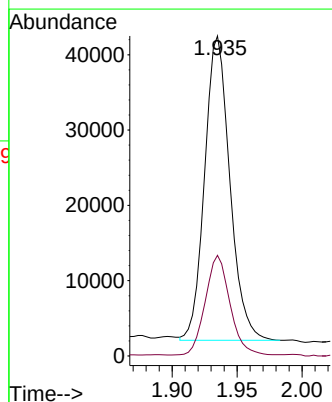
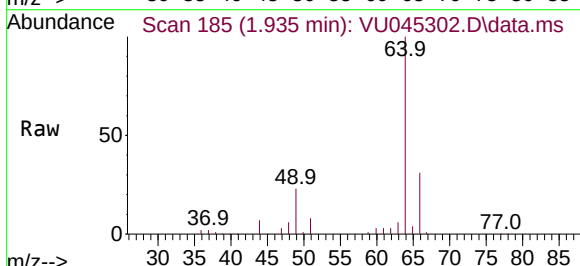
Instrument :
MSVOA_U
ClientSampled :

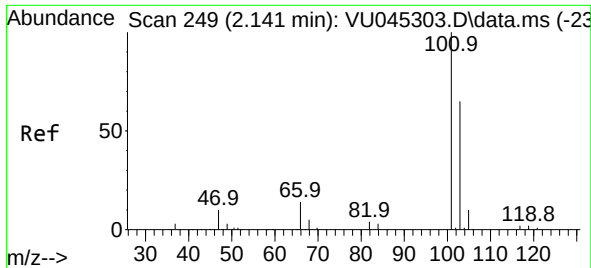
Tgt Ion: 94 Resp: 45445
Ion Ratio Lower Upper
94 100
96 94.0 75.0 112.4



#6
Chloroethane
Concen: 3.491 ug/l
RT: 1.935 min Scan# 185
Delta R.T. 0.000 min
Lab File: VU045302.D
Acq: 13 Oct 2021 11:05

Tgt Ion: 64 Resp: 54515
Ion Ratio Lower Upper
64 100
66 32.6 25.8 38.8

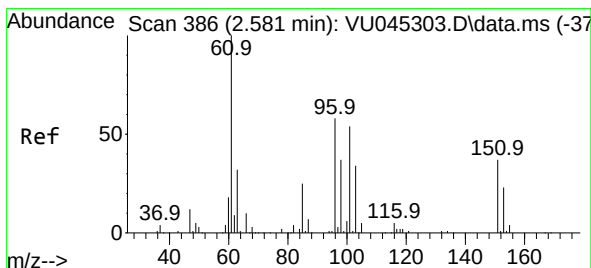
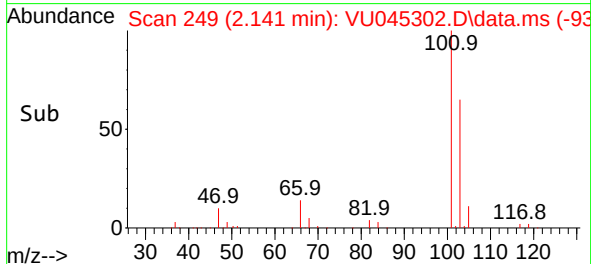
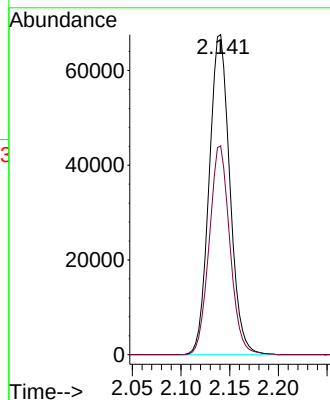
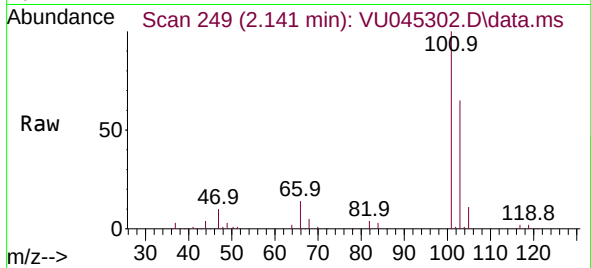




#7
 Trichlorofluoromethane
 Concen: 3.060 ug/l
 RT: 2.141 min Scan# 249
 Delta R.T. 0.000 min
 Lab File: VU045302.D
 Acq: 13 Oct 2021 11:05

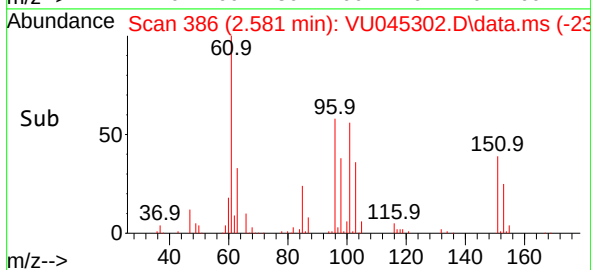
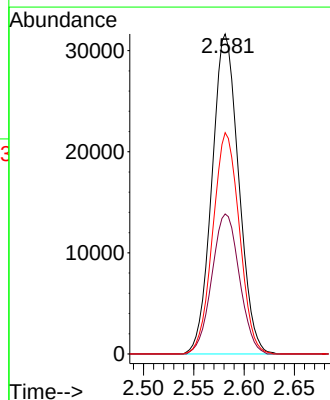
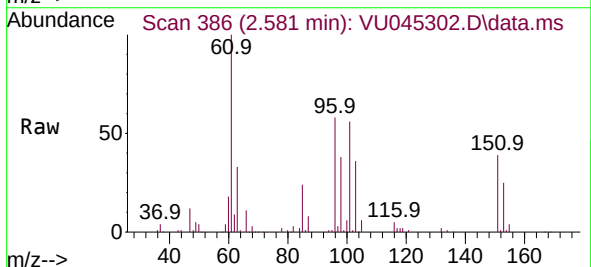
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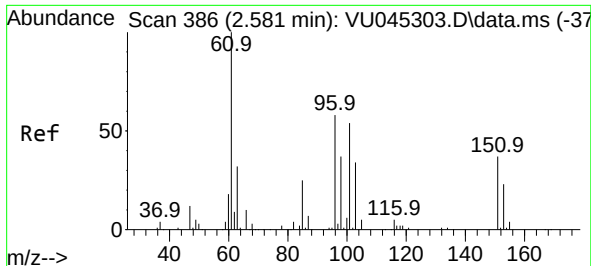
Tgt Ion:101 Resp: 99880
 Ion Ratio Lower Upper
 101 100
 103 65.2 52.2 78.2



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.960 ug/l
 RT: 2.581 min Scan# 386
 Delta R.T. 0.000 min
 Lab File: VU045302.D
 Acq: 13 Oct 2021 11:05

Tgt Ion:101 Resp: 58577
 Ion Ratio Lower Upper
 101 100
 85 45.0 35.8 53.6
 151 68.8 54.6 81.8

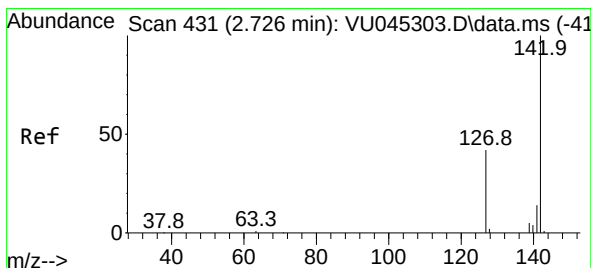
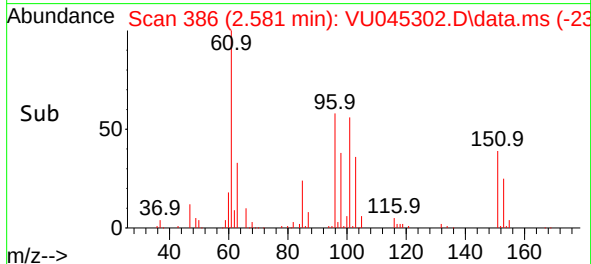
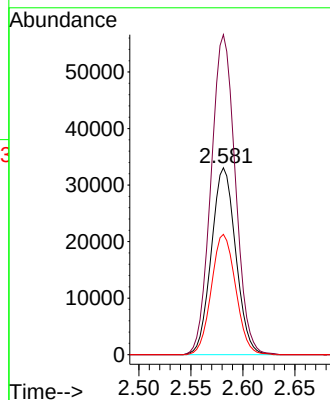
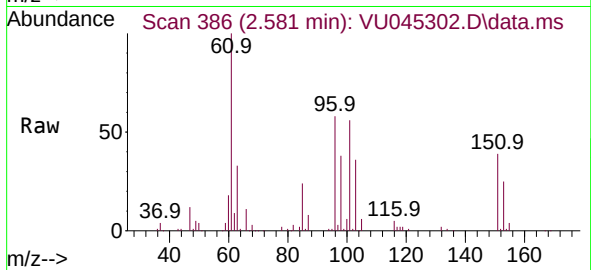




#9
1,1-Dichloroethene
Concen: 2.956 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU045302.D
Acq: 13 Oct 2021 11:05

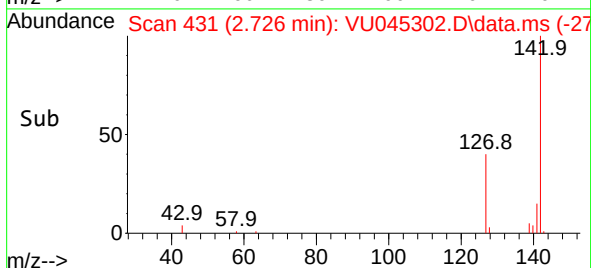
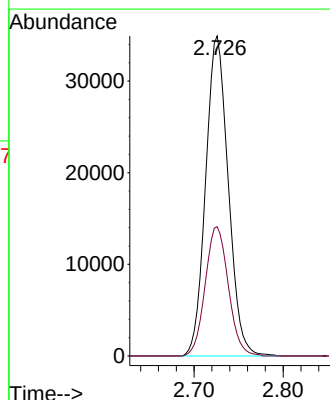
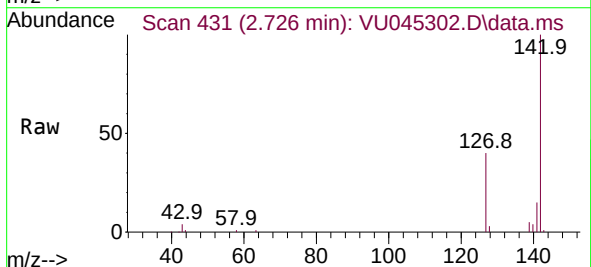
Instrument :
MSVOA_U
ClientSampleId :

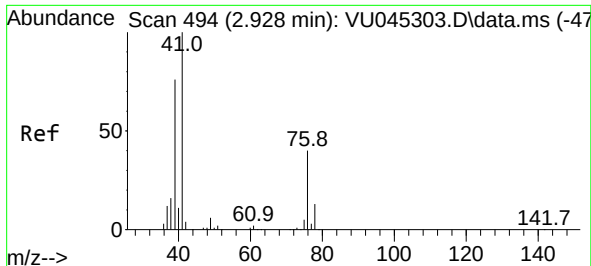
Tgt Ion: 96 Resp: 54036
Ion Ratio Lower Upper
96 100
61 171.2 0.0 514.2
98 64.4 0.0 126.4



#10
Iodomethane
Concen: 2.887 ug/l
RT: 2.726 min Scan# 431
Delta R.T. 0.000 min
Lab File: VU045302.D
Acq: 13 Oct 2021 11:05

Tgt Ion: 142 Resp: 61482
Ion Ratio Lower Upper
142 100
127 41.4 33.2 49.8

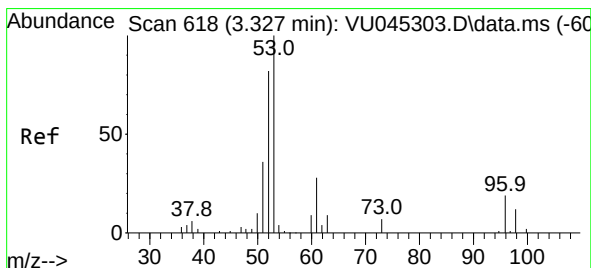
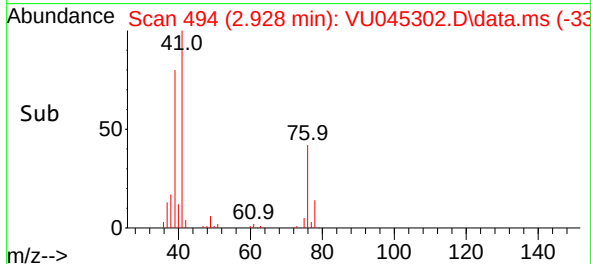
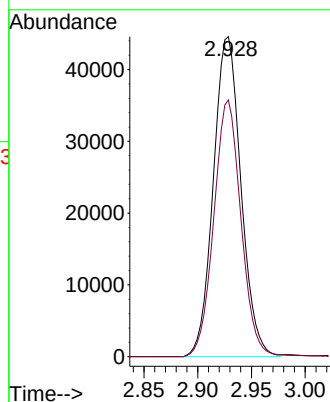
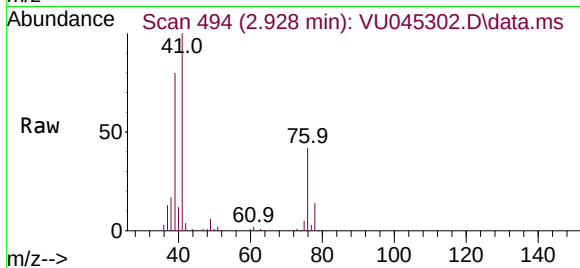




#11
 Allyl Chloride
 Concen: 3.700 ug/l
 RT: 2.928 min Scan# 494
 Delta R.T. 0.000 min
 Lab File: VU045302.D
 Acq: 13 Oct 2021 11:05

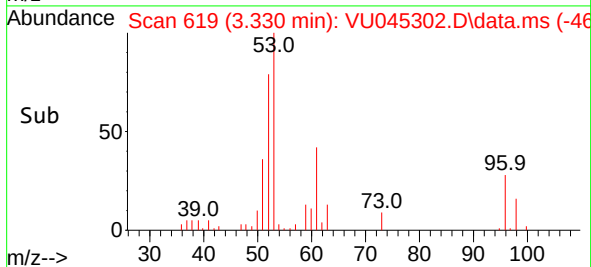
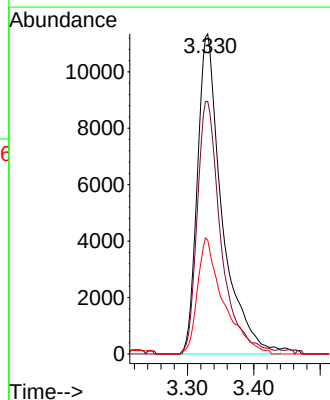
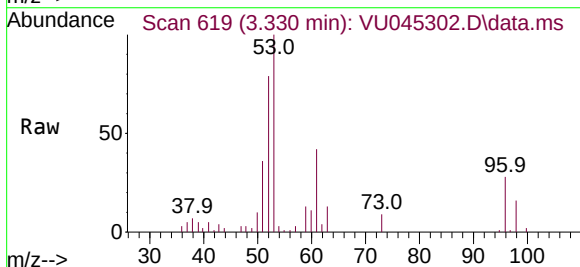
Instrument :
 MSVOA_U
 ClientSampled :

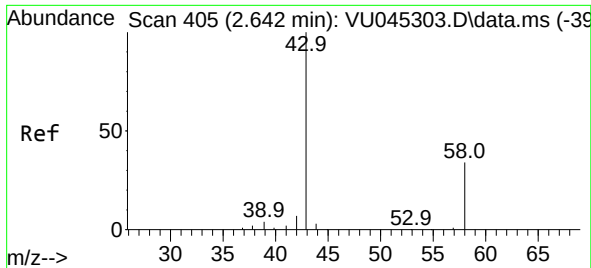
Tgt Ion: 41 Resp: 79699
 Ion Ratio Lower Upper
 41 100
 39 79.0 62.4 93.6



#12
 Acrylonitrile
 Concen: 8.522 ug/l
 RT: 3.330 min Scan# 619
 Delta R.T. 0.003 min
 Lab File: VU045302.D
 Acq: 13 Oct 2021 11:05

Tgt Ion: 53 Resp: 29266
 Ion Ratio Lower Upper
 53 100
 52 76.1 56.7 85.1
 51 38.3 30.3 45.5

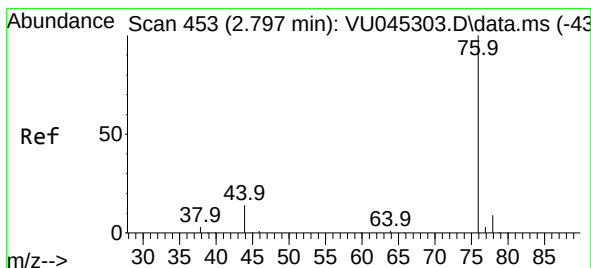
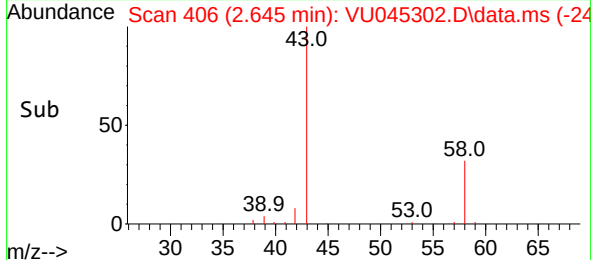
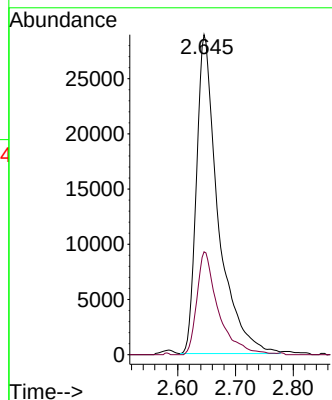
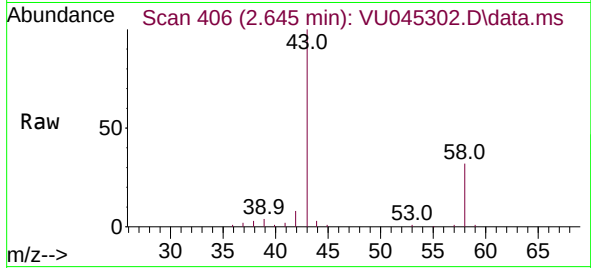




#13
Acetone
Concen: 32.225 ug/l
RT: 2.645 min Scan# 406
Delta R.T. 0.003 min
Lab File: VU045302.D
Acq: 13 Oct 2021 11:05

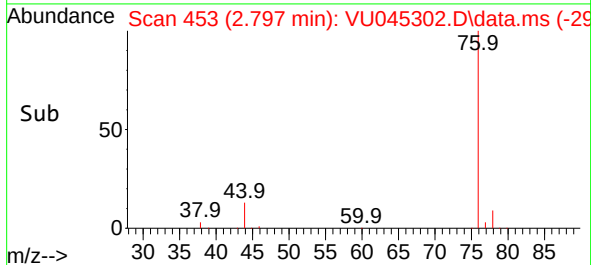
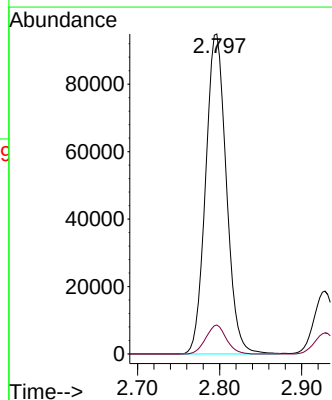
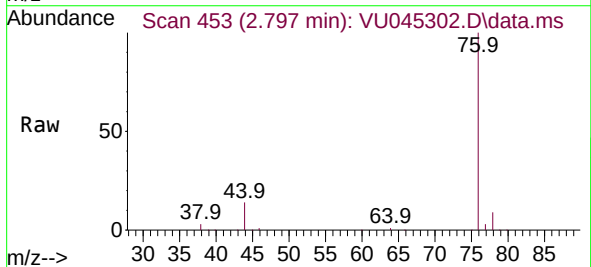
Instrument :
MSVOA_U
ClientSampled :

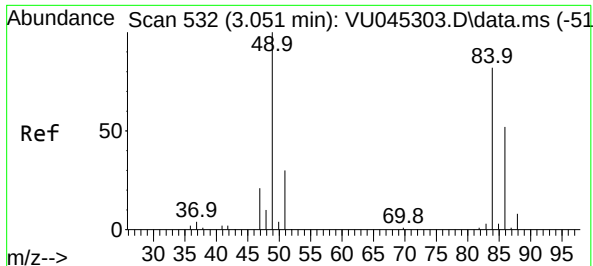
Tgt Ion: 43 Resp: 75262
Ion Ratio Lower Upper
43 100
58 32.3 27.1 40.7



#14
Carbon Disulfide
Concen: 3.126 ug/l
RT: 2.797 min Scan# 453
Delta R.T. 0.000 min
Lab File: VU045302.D
Acq: 13 Oct 2021 11:05

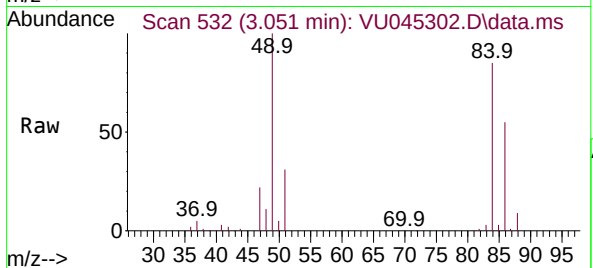
Tgt Ion: 76 Resp: 166356
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7





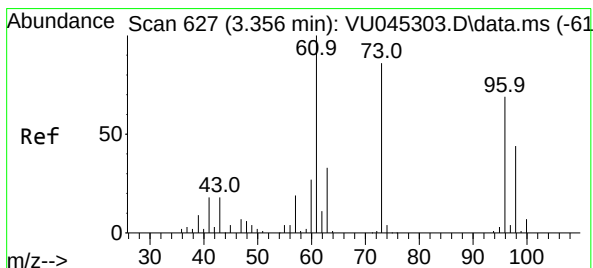
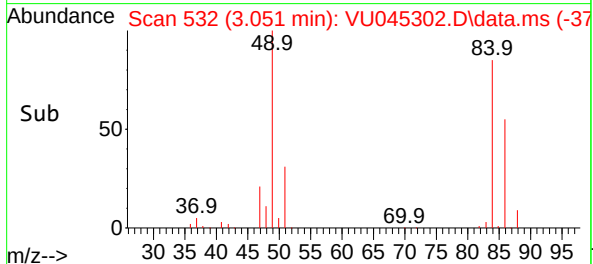
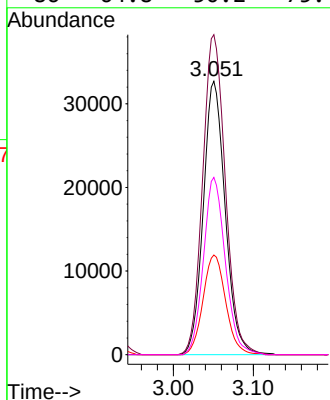
#15
Methylene Chloride
Concen: 2.136 ug/l
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU045302.D
Acq: 13 Oct 2021 11:05

Instrument :
MSVOA_U
ClientSampled :

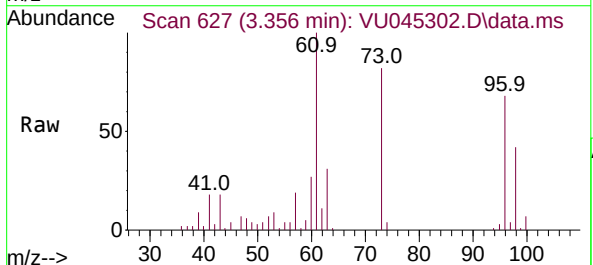


Tgt Ion: 84 Resp: 62460

Ion	Ratio	Lower	Upper
84	100		
49	117.0	97.2	145.8
51	36.4	0.0	73.4
86	64.8	50.2	75.4

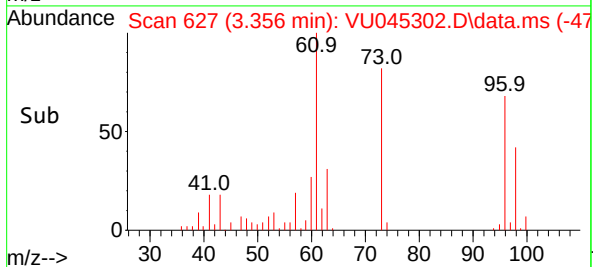
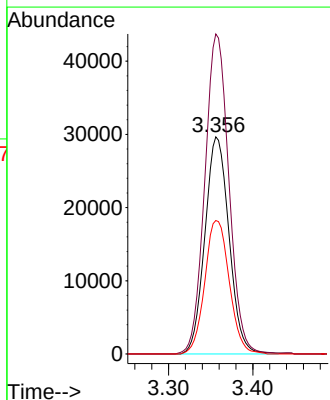


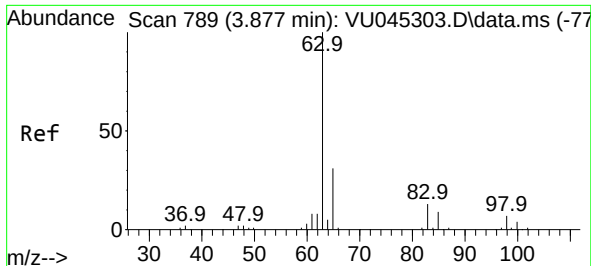
#16
trans-1,2-Dichloroethene
Concen: 2.999 ug/l
RT: 3.356 min Scan# 627
Delta R.T. 0.000 min
Lab File: VU045302.D
Acq: 13 Oct 2021 11:05



Tgt Ion: 96 Resp: 59124

Ion	Ratio	Lower	Upper
96	100		
61	147.0	115.8	173.6
98	61.4	51.1	76.7





#17

1,1-Dichloroethane

Concen: 3.318 ug/l

RT: 3.874 min Scan# 788

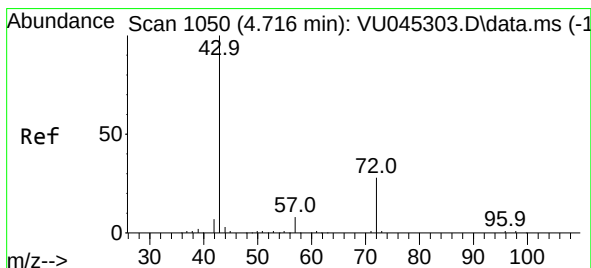
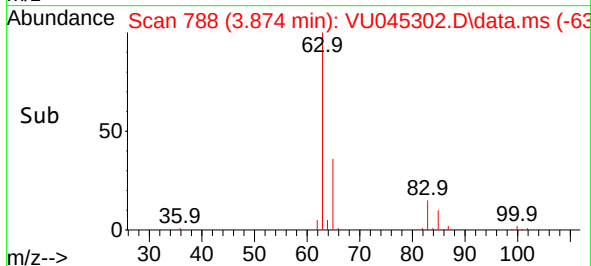
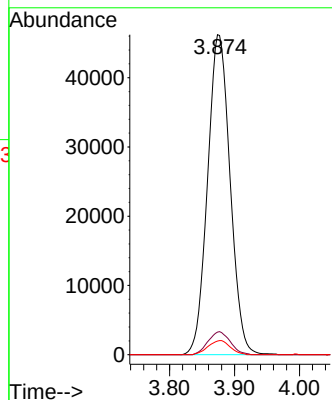
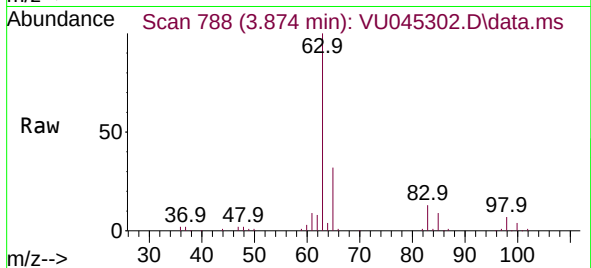
Delta R.T. -0.003 min

Lab File: VU045302.D

Acq: 13 Oct 2021 11:05

Tgt Ion:	63	Resp:	111525
Ion Ratio	Lower	Upper	
63	100		
98	7.1	3.6	10.8
100	4.3	2.1	6.5

Instrument :
MSVOA_U
ClientSampled :



#18

2-Butanone

Concen: 25.517 ug/l

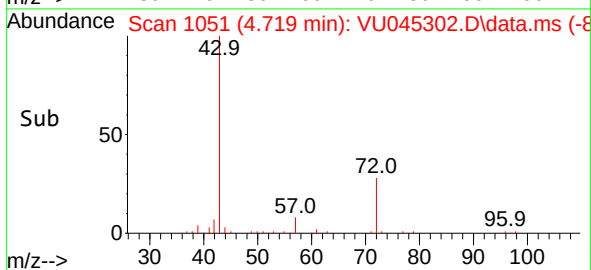
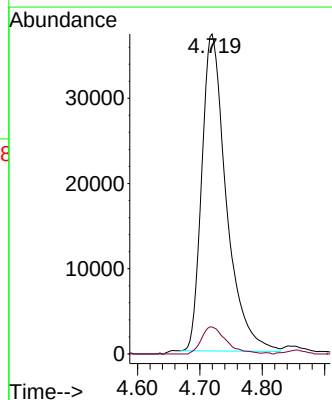
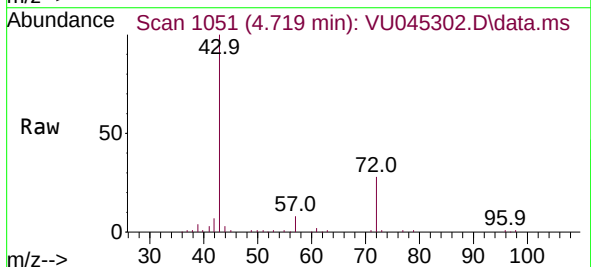
RT: 4.719 min Scan# 1051

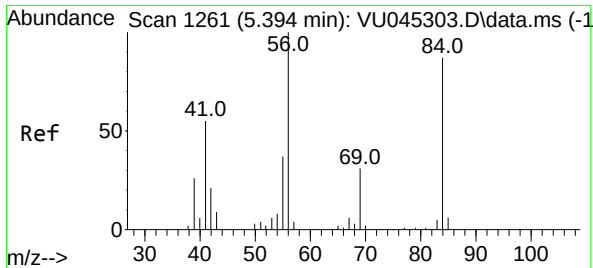
Delta R.T. 0.003 min

Lab File: VU045302.D

Acq: 13 Oct 2021 11:05

Tgt Ion:	43	Resp:	101812
Ion Ratio	Lower	Upper	
43	100		
57	8.5	0.0	16.6





#19

Cyclohexane

Concen: 3.022 ug/l

RT: 5.391 min Scan# 1260

Delta R.T. -0.003 min

Lab File: VU045302.D

Acq: 13 Oct 2021 11:05

Tgt Ion: 56 Resp: 91872

Ion Ratio Lower Upper

56 100

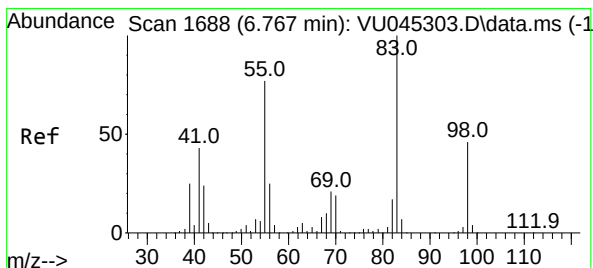
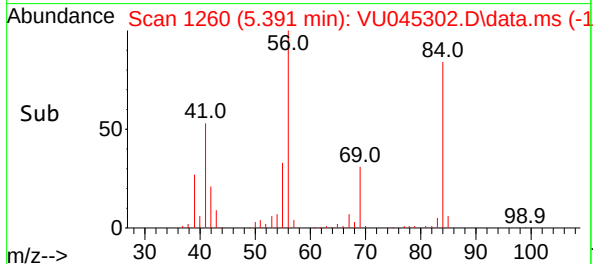
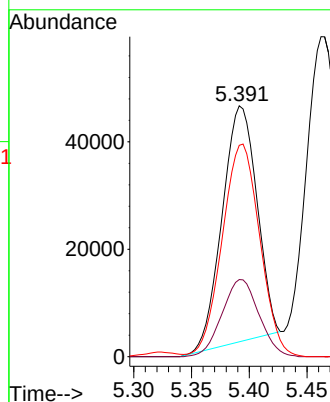
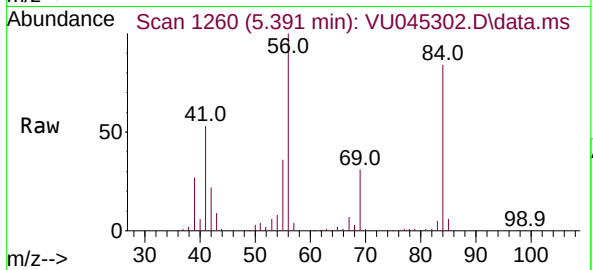
69 34.8 24.7 37.1

84 96.6 68.8 103.2

Instrument :

MSVOA_U

ClientSampleId :



#20

Methylcyclohexane

Concen: 5.394 ug/l

RT: 6.768 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VU045302.D

Acq: 13 Oct 2021 11:05

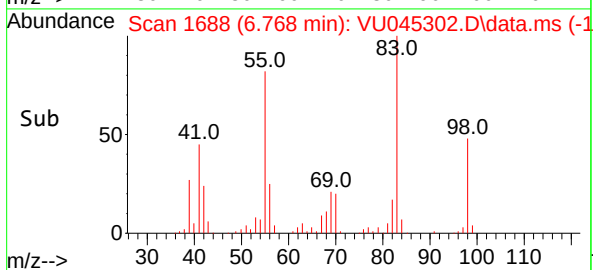
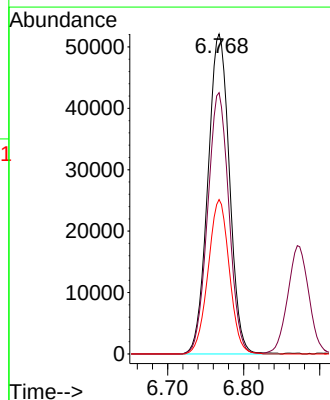
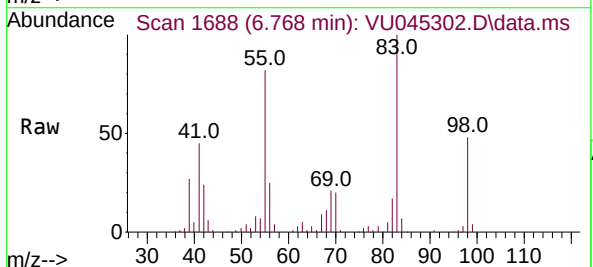
Tgt Ion: 83 Resp: 102736

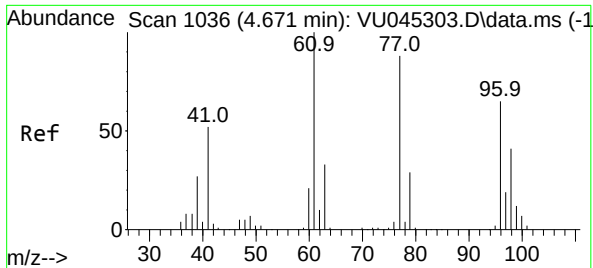
Ion Ratio Lower Upper

83 100

55 80.1 61.9 92.9

98 47.4 37.4 56.2





#21

2,2-Dichloropropane

Concen: 3.033 ug/l

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU045302.D

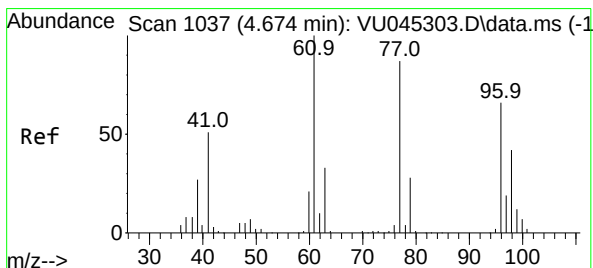
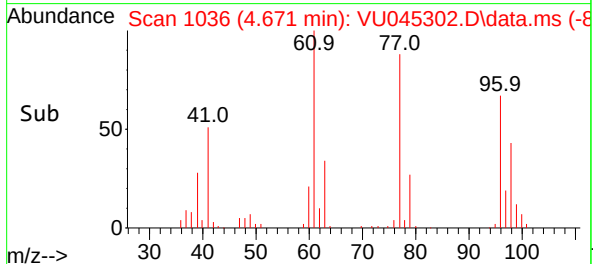
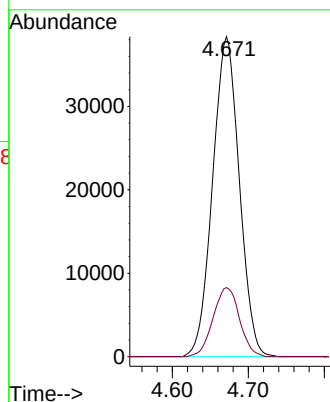
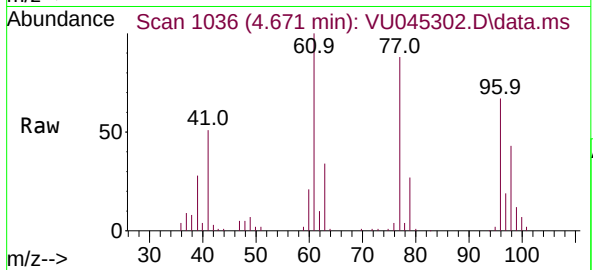
Acq: 13 Oct 2021 11:05

Tgt Ion: 77 Resp: 93313

Ion Ratio Lower Upper

77 100

97 21.4 17.2 25.8



#22

cis-1,2-Dichloroethene

Concen: 2.873 ug/l

RT: 4.674 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VU045302.D

Acq: 13 Oct 2021 11:05

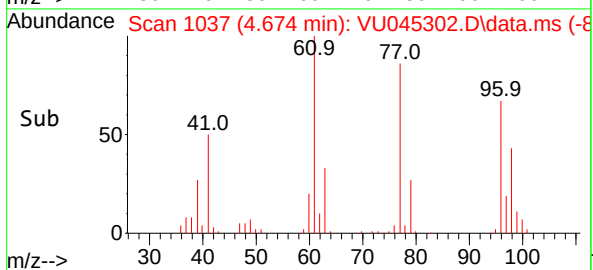
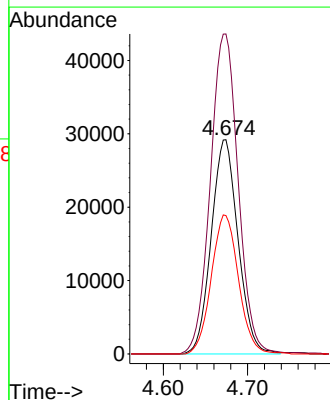
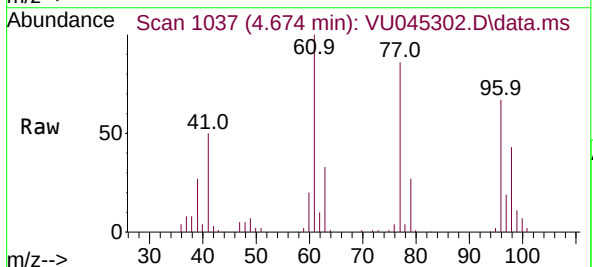
Tgt Ion: 96 Resp: 64524

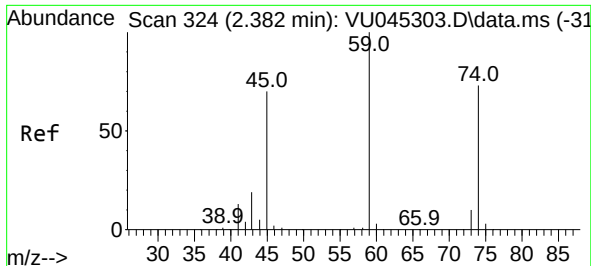
Ion Ratio Lower Upper

96 100

61 155.1 0.0 385.3

98 66.0 32.1 96.3

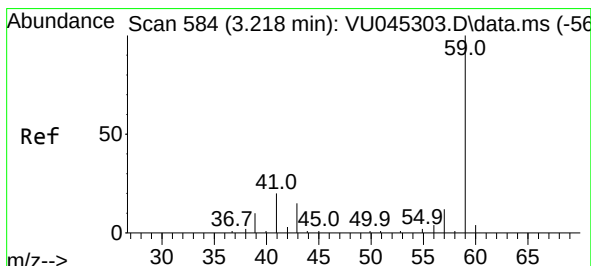
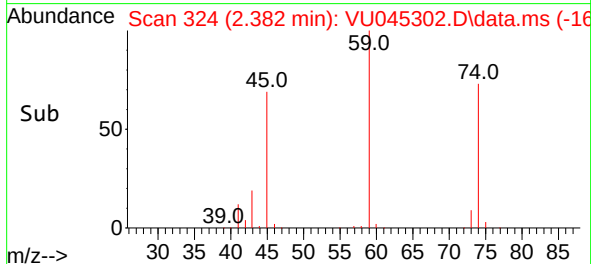
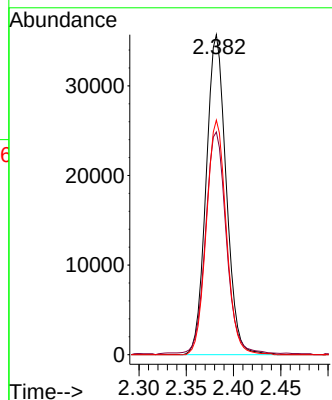
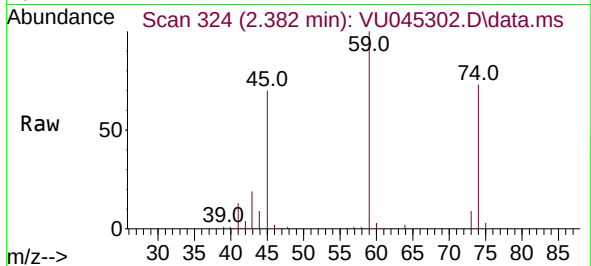




#23
Diethyl Ether
Concen: 3.943 ug/l
RT: 2.382 min Scan# 324
Delta R.T. 0.000 min
Lab File: VU045302.D
Acq: 13 Oct 2021 11:05

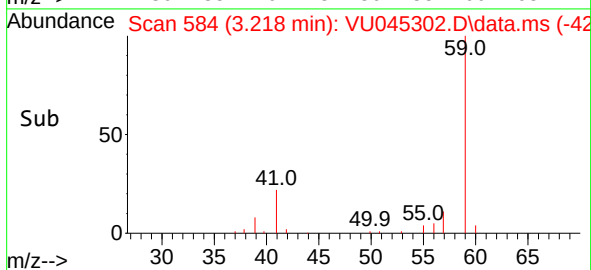
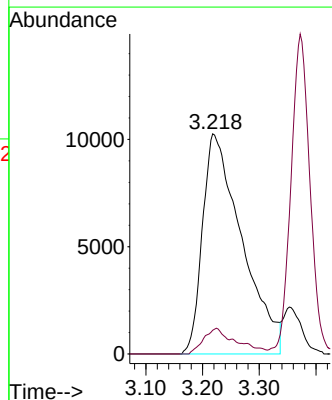
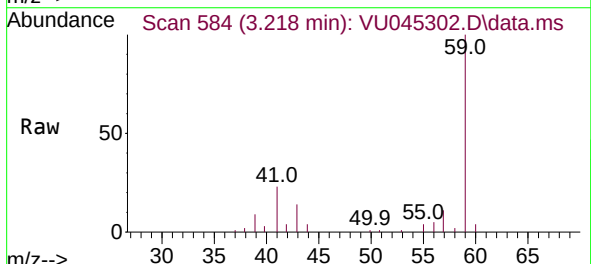
Instrument :
MSVOA_U
ClientSampled :

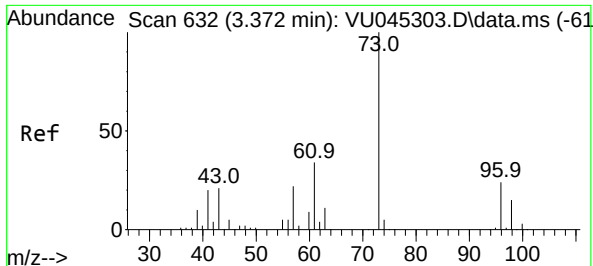
Tgt Ion:	59	Resp:	52668
Ion	Ratio	Lower	Upper
59	100		
45	73.5	55.6	83.4
74	72.9	58.1	87.1



#24
tert-Butyl Alcohol
Concen: 68.313 ug/l
RT: 3.218 min Scan# 584
Delta R.T. 0.000 min
Lab File: VU045302.D
Acq: 13 Oct 2021 11:05

Tgt Ion:	59	Resp:	49299
Ion	Ratio	Lower	Upper
59	100		
57	6.3	6.5	9.7#





#25

Methyl tert-Butyl Ether

Concen: 3.347 ug/l

RT: 3.372 min Scan# 632

Delta R.T. 0.000 min

Lab File: VU045302.D

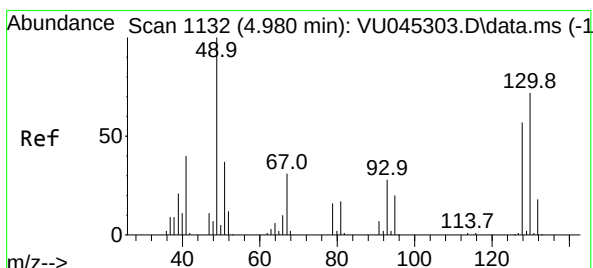
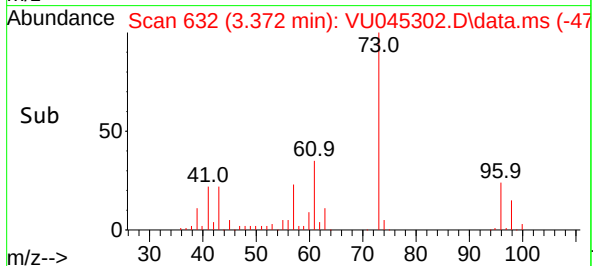
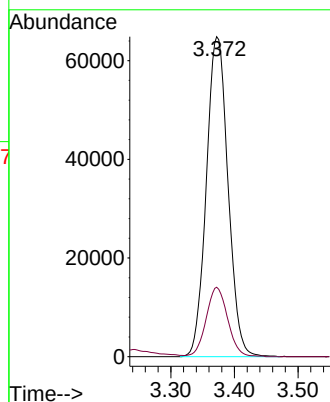
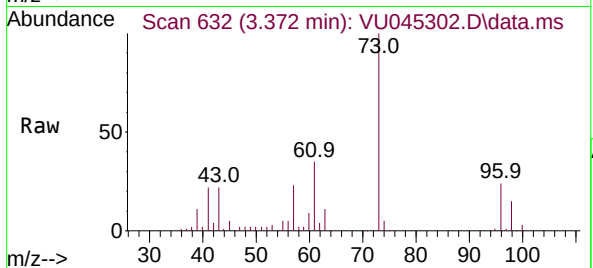
Acq: 13 Oct 2021 11:05

Tgt Ion: 73 Resp: 153389

Ion Ratio Lower Upper

73 100

43 21.6 16.3 24.5



#26

Bromochloromethane

Concen: 2.661 ug/l

RT: 4.980 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VU045302.D

Acq: 13 Oct 2021 11:05

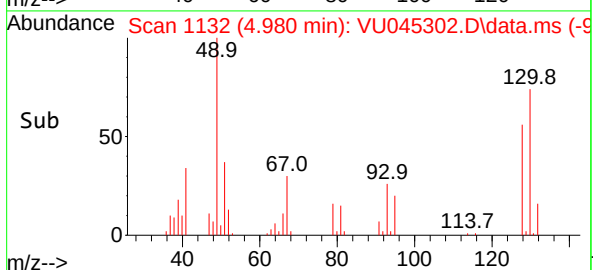
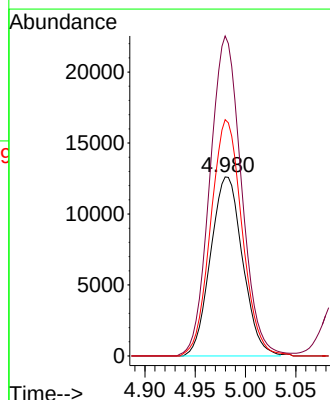
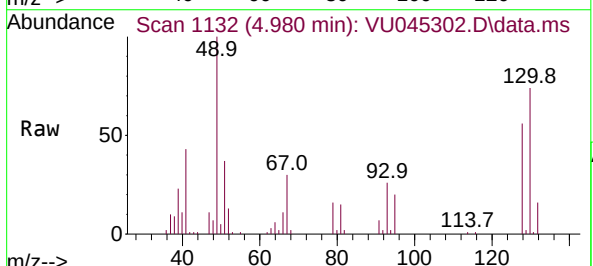
Tgt Ion: 128 Resp: 27933

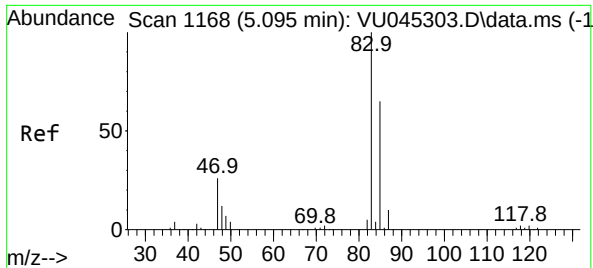
Ion Ratio Lower Upper

128 100

49 176.2 0.0 347.4

130 129.8 101.5 152.3



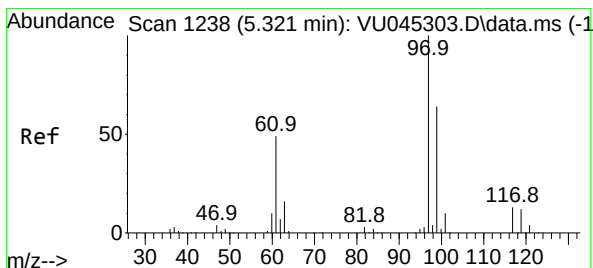
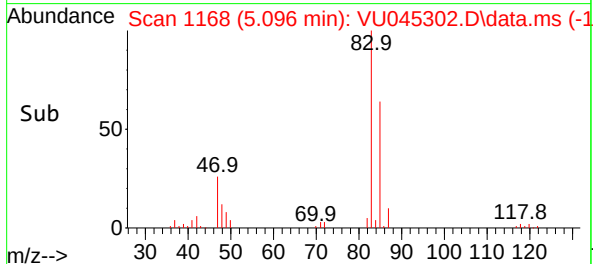
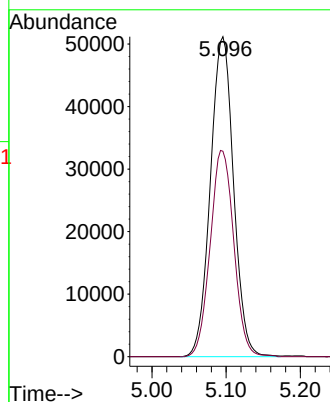
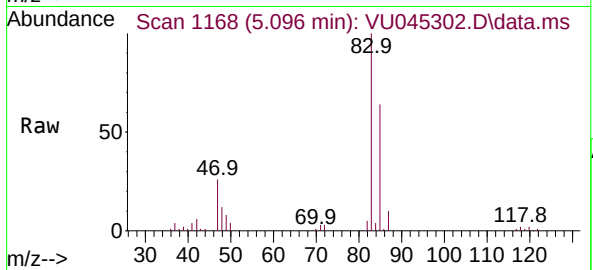


#27

Chloroform
Concen: 2.861 ug/l
RT: 5.096 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VU045302.D
Acq: 13 Oct 2021 11:05

Instrument :
MSVOA_U
ClientSampled :

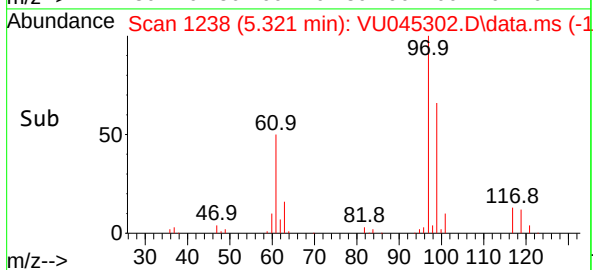
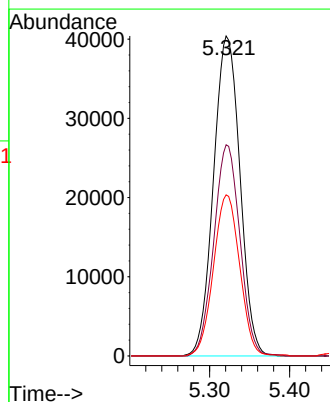
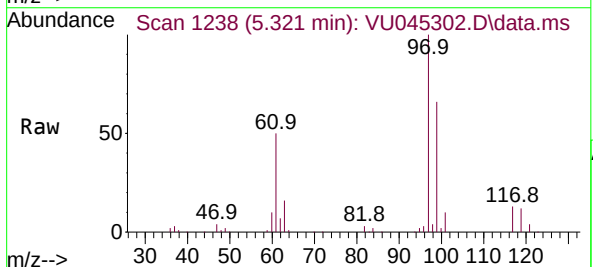
Tgt Ion: 83 Resp: 111065
Ion Ratio Lower Upper
83 100
85 64.2 0.0 129.2

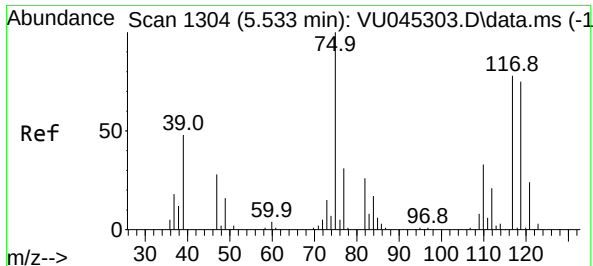


#28

1,1,1-Trichloroethane
Concen: 2.815 ug/l
RT: 5.321 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VU045302.D
Acq: 13 Oct 2021 11:05

Tgt Ion: 97 Resp: 92819
Ion Ratio Lower Upper
97 100
99 65.2 32.2 96.6
61 49.9 24.5 73.5



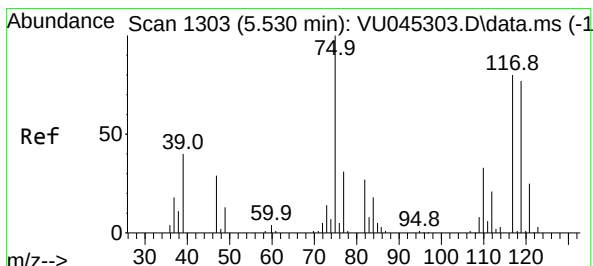
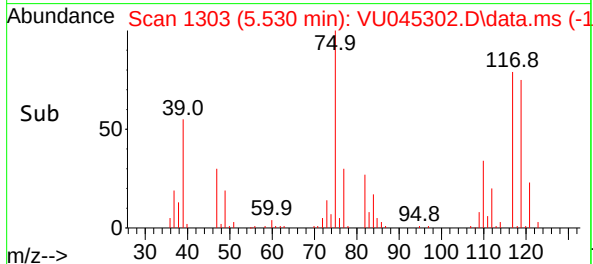
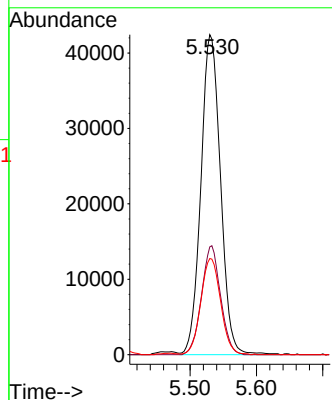
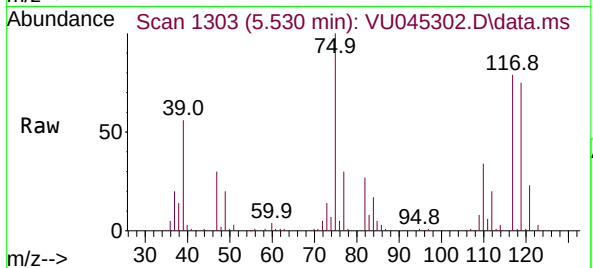


#29

1,1-Dichloropropene
Concen: 5.437 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. -0.003 min
Lab File: VU045302.D
Acq: 13 Oct 2021 11:05

Instrument :
MSVOA_U
ClientSampleId :

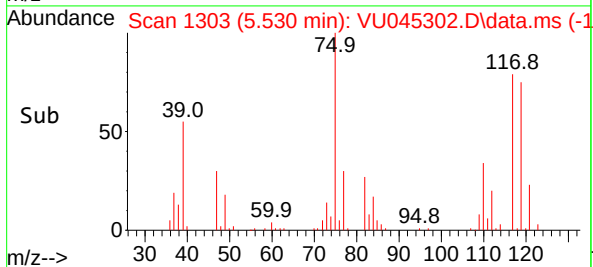
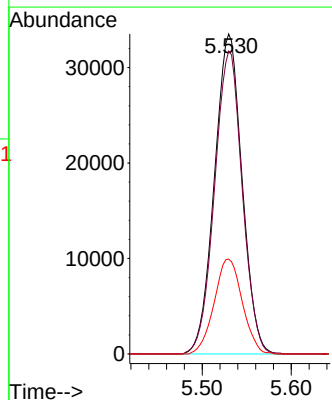
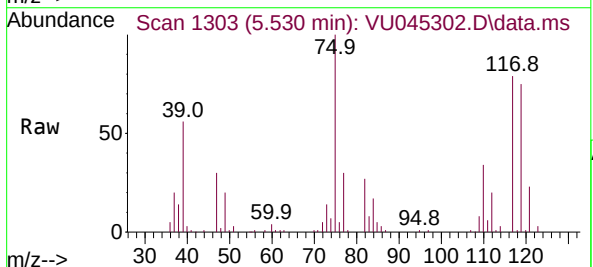
Tgt Ion: 75 Resp: 87144
Ion Ratio Lower Upper
75 100
110 32.9 16.8 50.3
77 30.4 24.7 37.1

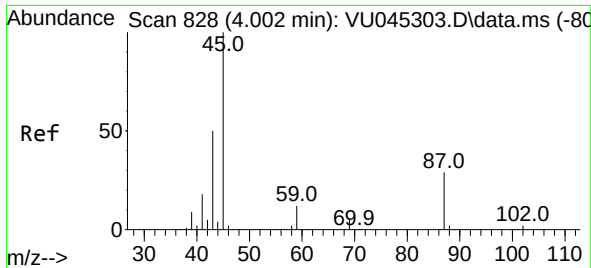


#30

Carbon Tetrachloride
Concen: 4.692 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VU045302.D
Acq: 13 Oct 2021 11:05

Tgt Ion: 117 Resp: 72221
Ion Ratio Lower Upper
117 100
119 94.7 76.8 115.2
121 29.6 24.6 37.0

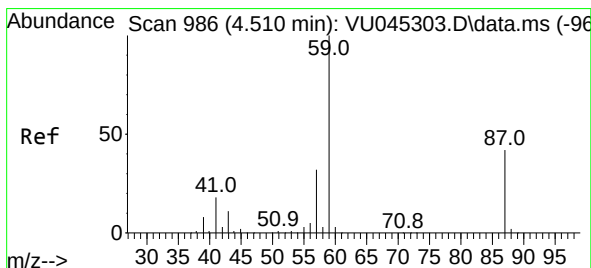
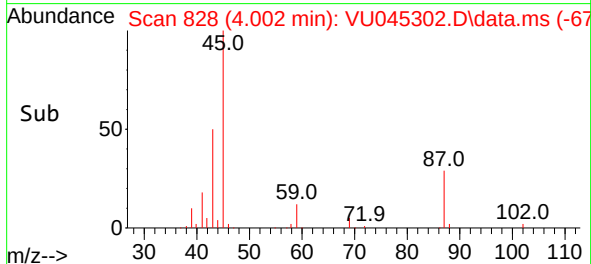
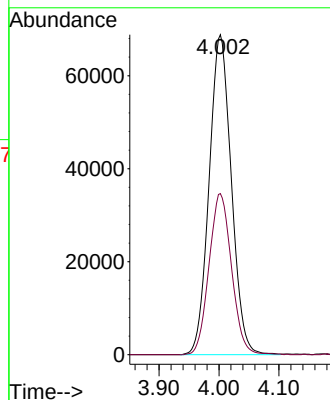
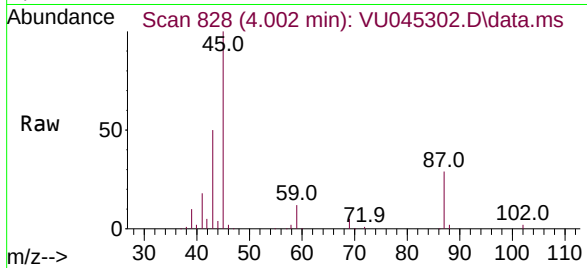




#31
Isopropyl Ether
Concen: 3.680 ug/l
RT: 4.002 min Scan# 828
Delta R.T. 0.000 min
Lab File: VU045302.D
Acq: 13 Oct 2021 11:05

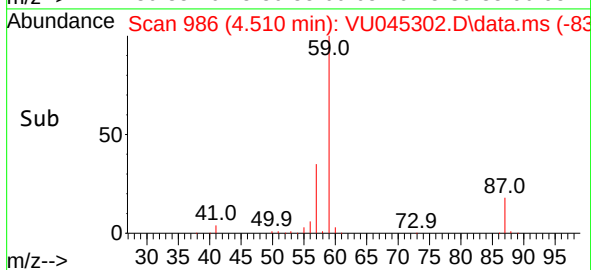
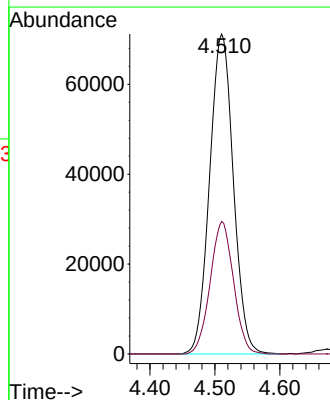
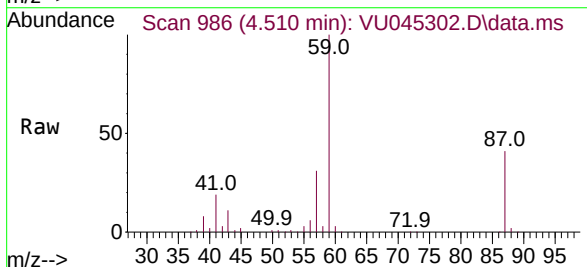
Instrument :
MSVOA_U
ClientSampled :

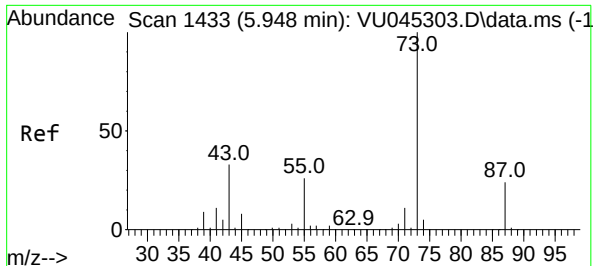
Tgt Ion: 45 Resp: 177079
Ion Ratio Lower Upper
45 100
43 51.1 25.3 75.8



#32
Ethyl-t-butyl ether
Concen: 3.443 ug/l
RT: 4.510 min Scan# 986
Delta R.T. 0.000 min
Lab File: VU045302.D
Acq: 13 Oct 2021 11:05

Tgt Ion: 59 Resp: 180572
Ion Ratio Lower Upper
59 100
87 40.7 32.7 49.1

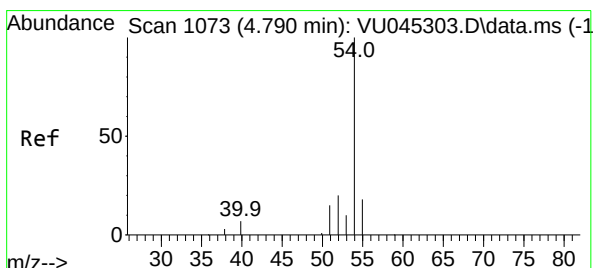
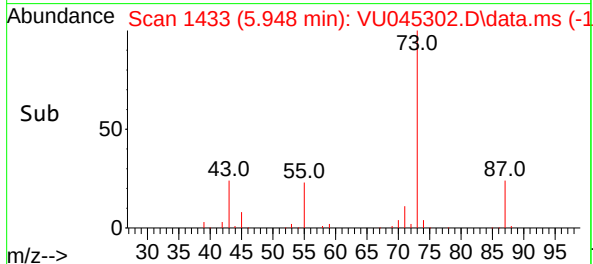
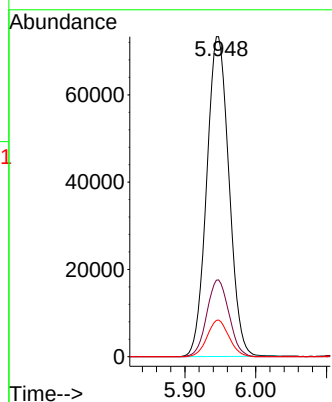
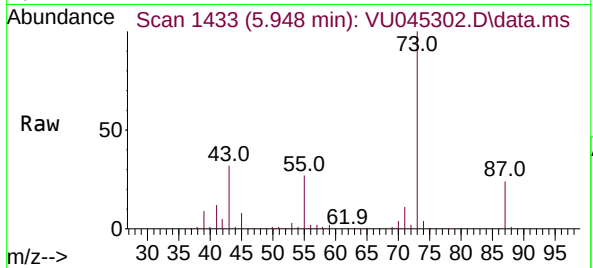




#33
Tert-Amyl methyl ether
Concen: 5.774 ug/l
RT: 5.948 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VU045302.D
Acq: 13 Oct 2021 11:05

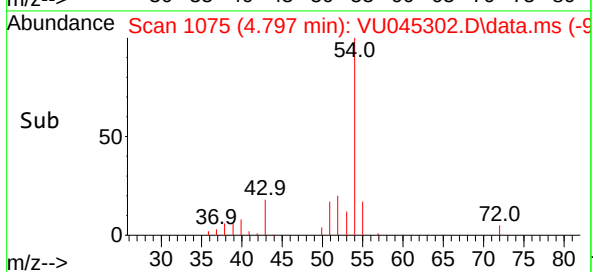
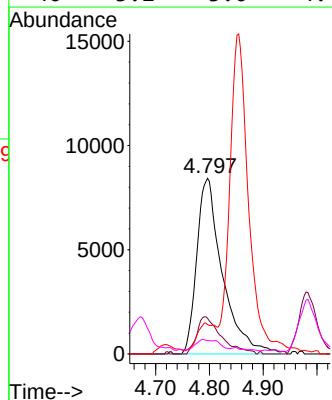
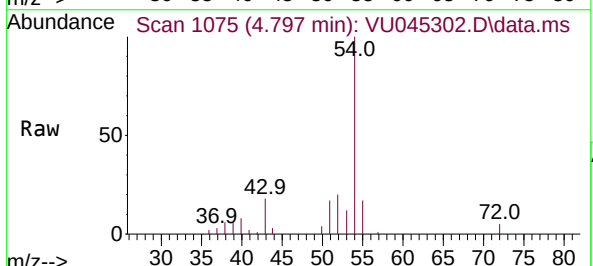
Instrument :
MSVOA_U
ClientSampled :

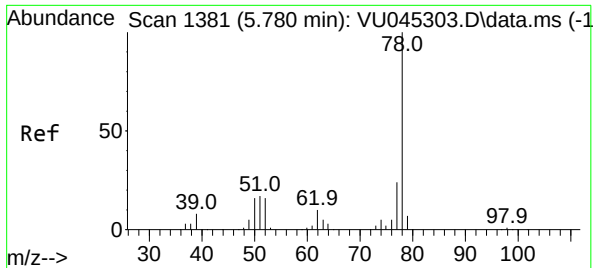
Tgt Ion: 73 Resp: 159754
Ion Ratio Lower Upper
73 100
87 23.9 18.6 28.0
71 11.2 9.0 13.6



#34
Propionitrile
Concen: 26.059 ug/l
RT: 4.797 min Scan# 1075
Delta R.T. 0.007 min
Lab File: VU045302.D
Acq: 13 Oct 2021 11:05

Tgt Ion: 54 Resp: 27898
Ion Ratio Lower Upper
54 100
52 20.1 11.9 17.9#
55 8.1 8.0 12.0
40 3.2 3.0 4.4

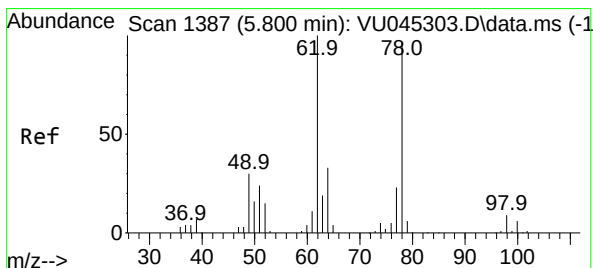
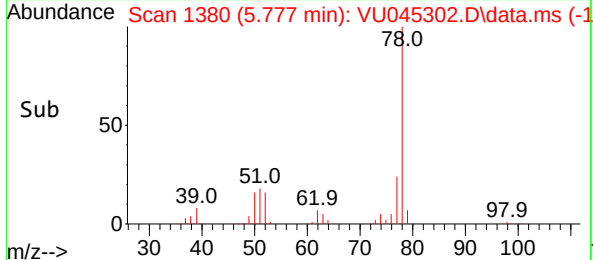
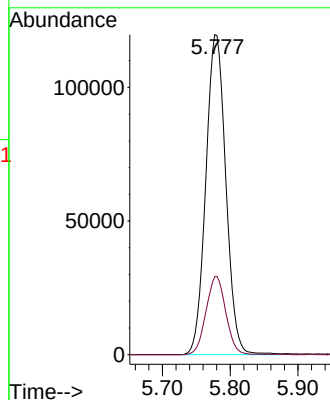
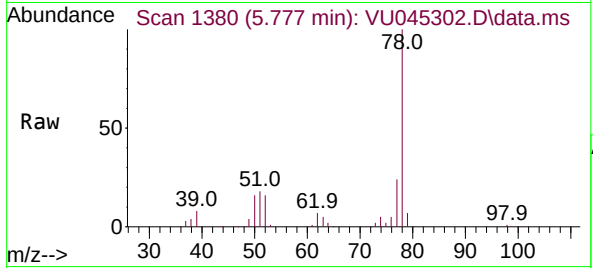




#35
Benzene
Concen: 5.365 ug/l
RT: 5.777 min Scan# 1380
Delta R.T. -0.003 min
Lab File: VU045302.D
Acq: 13 Oct 2021 11:05

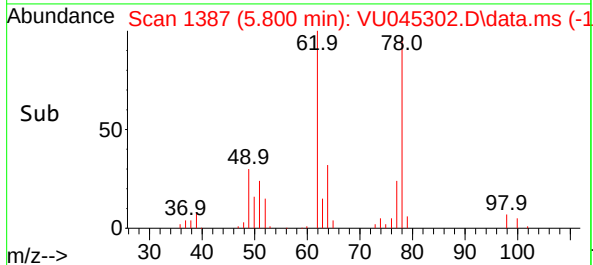
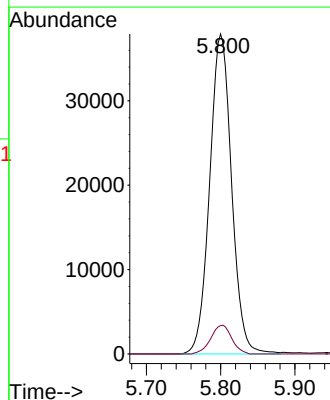
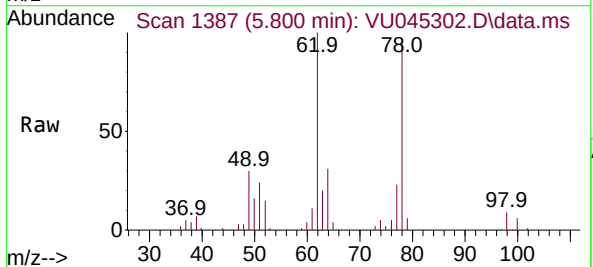
Instrument :
MSVOA_U
ClientSampled :

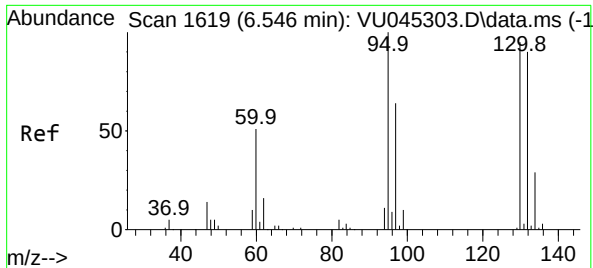
Tgt Ion: 78 Resp: 245648
Ion Ratio Lower Upper
78 100
77 24.4 19.1 28.7



#36
1,2-Dichloroethane
Concen: 5.228 ug/l
RT: 5.800 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VU045302.D
Acq: 13 Oct 2021 11:05

Tgt Ion: 62 Resp: 77729
Ion Ratio Lower Upper
62 100
98 8.6 7.3 10.9

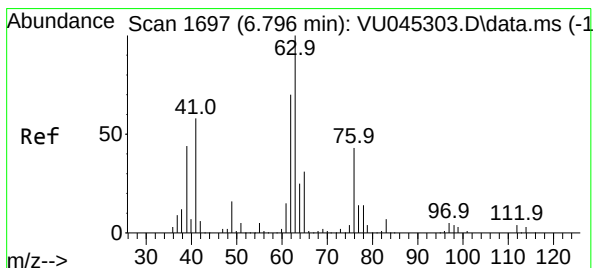
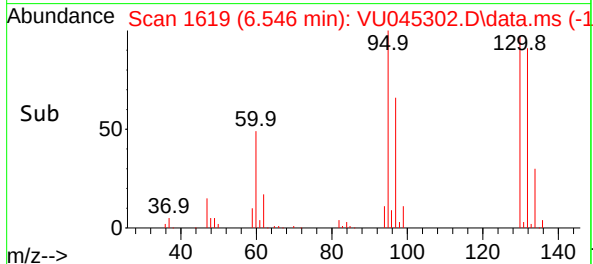
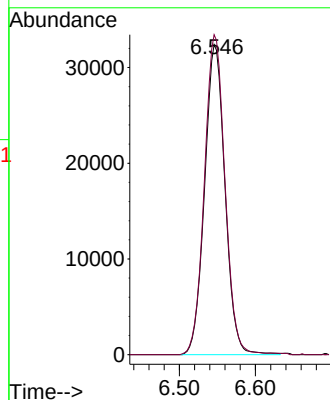
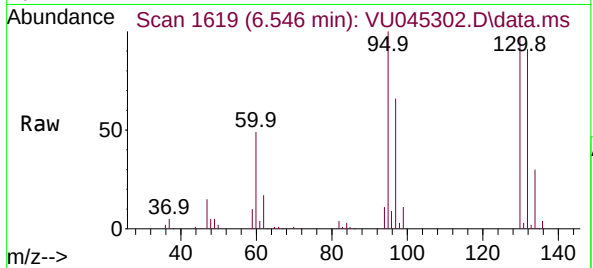




#37
Trichloroethene
Concen: 4.682 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU045302.D
Acq: 13 Oct 2021 11:05

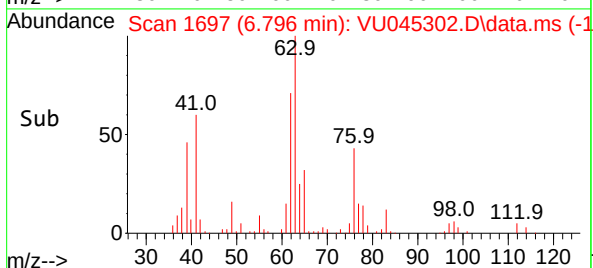
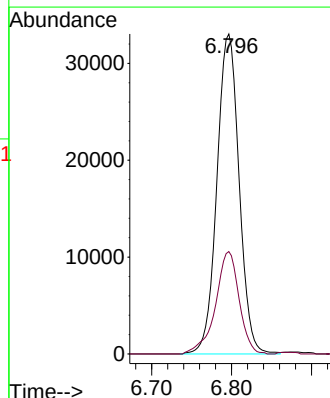
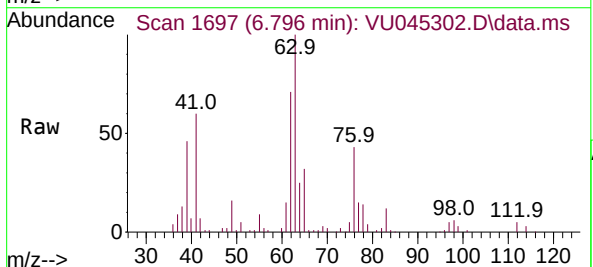
Instrument :
MSVOA_U
ClientSampleId :

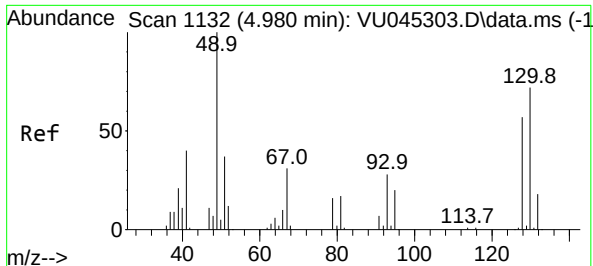
Tgt Ion:130 Resp: 60342
Ion Ratio Lower Upper
130 100
95 103.2 83.8 125.8



#38
1,2-Dichloropropane
Concen: 5.494 ug/l
RT: 6.796 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VU045302.D
Acq: 13 Oct 2021 11:05

Tgt Ion: 63 Resp: 63582
Ion Ratio Lower Upper
63 100
65 32.0 24.7 37.1





#39

Methacrylonitrile

Concen: 3.917 ug/l

RT: 4.980 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VU045302.D

Acq: 13 Oct 2021 11:05

Tgt Ion: 41 Resp: 22421

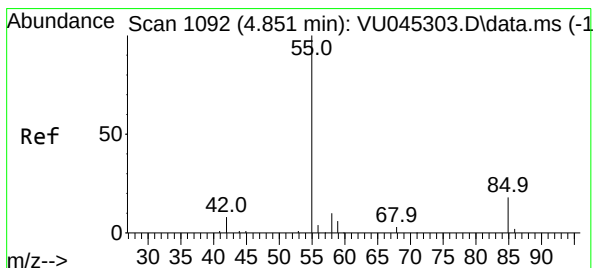
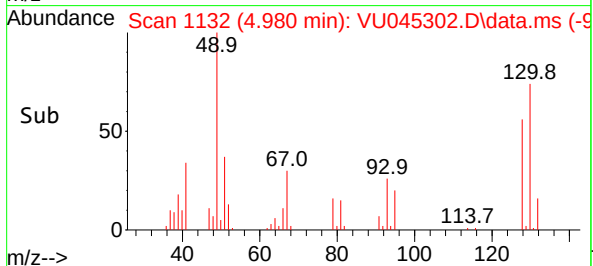
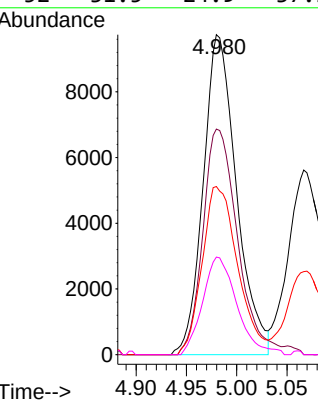
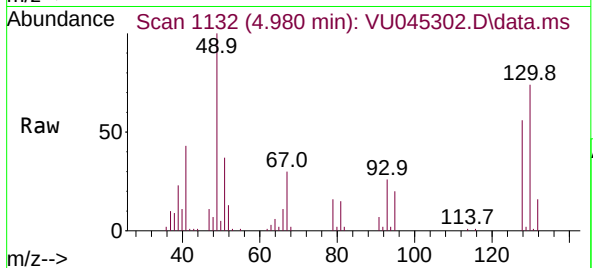
Ion Ratio Lower Upper

41 100

67 74.4 65.2 97.8

39 56.3 43.0 64.6

52 31.5 24.9 37.3



#40

Methyl acrylate

Concen: 3.560 ug/l

RT: 4.854 min Scan# 1093

Delta R.T. 0.003 min

Lab File: VU045302.D

Acq: 13 Oct 2021 11:05

Tgt Ion: 55 Resp: 33830

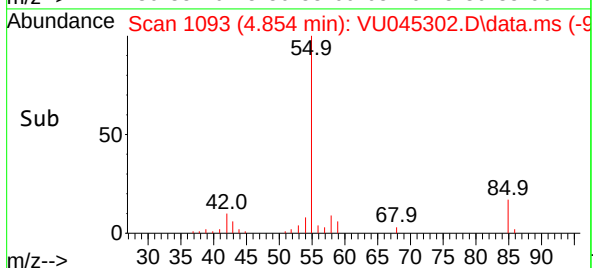
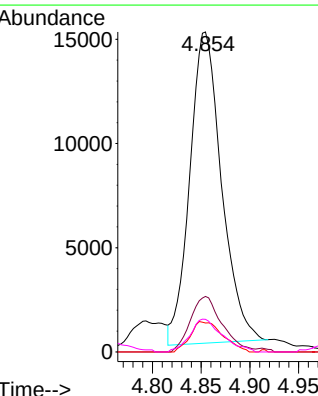
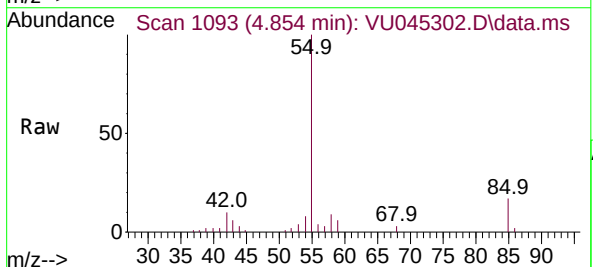
Ion Ratio Lower Upper

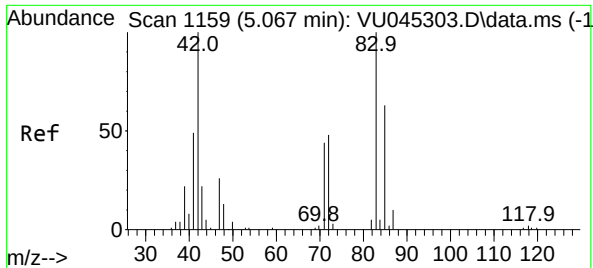
55 100

85 17.9 12.2 18.2

58 10.0 6.7 10.1

42 10.7 6.9 10.3





#41

Tetrahydrofuran

Concen: 8.317 ug/l

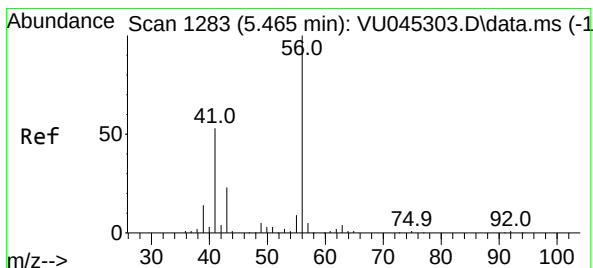
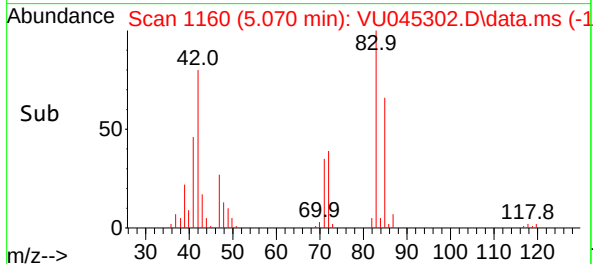
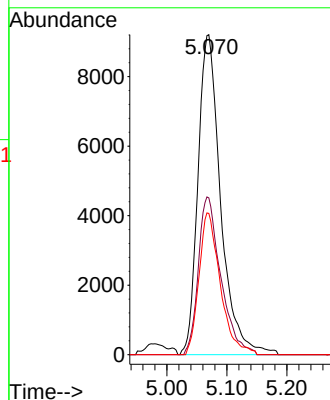
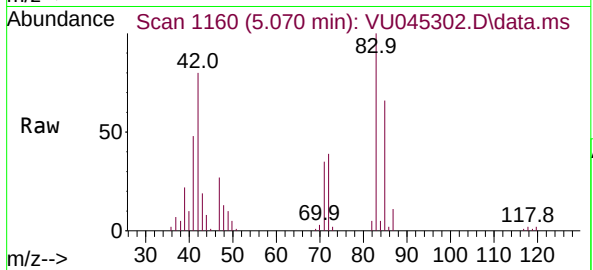
RT: 5.070 min Scan# 1160

Delta R.T. 0.003 min

Lab File: VU045302.D

Acq: 13 Oct 2021 11:05

Tgt Ion:	42	Resp:	24291
Ion	Ratio	Lower	Upper
42	100		
72	48.7	42.4	63.6
71	41.7	36.4	54.6



#42

1-Chlorobutane

Concen: 5.884 ug/l

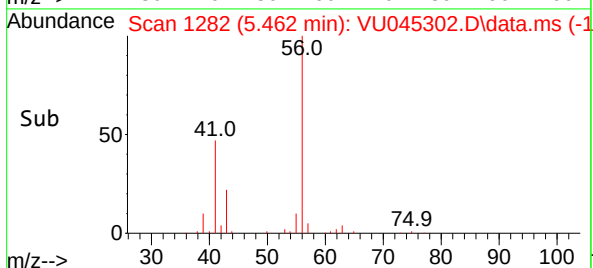
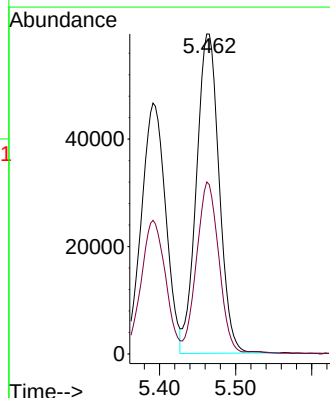
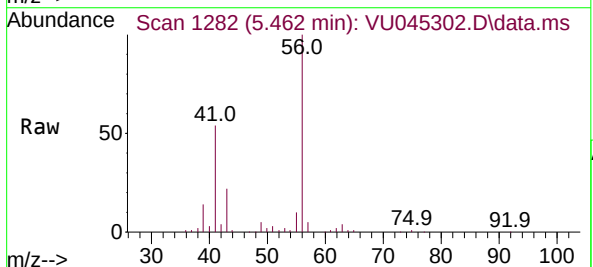
RT: 5.462 min Scan# 1282

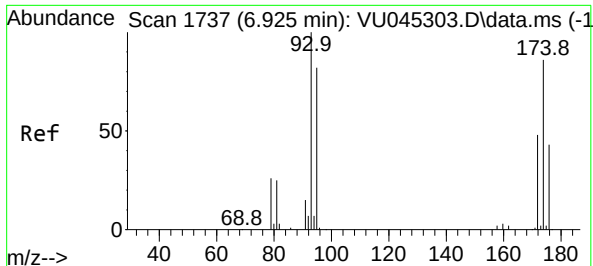
Delta R.T. -0.003 min

Lab File: VU045302.D

Acq: 13 Oct 2021 11:05

Tgt Ion:	56	Resp:	123382
Ion	Ratio	Lower	Upper
56	100		
41	51.6	26.0	78.0





#43

Dibromomethane

Concen: 4.656 ug/l

RT: 6.922 min Scan# 1736

Delta R.T. -0.003 min

Lab File: VU045302.D

Acq: 13 Oct 2021 11:05

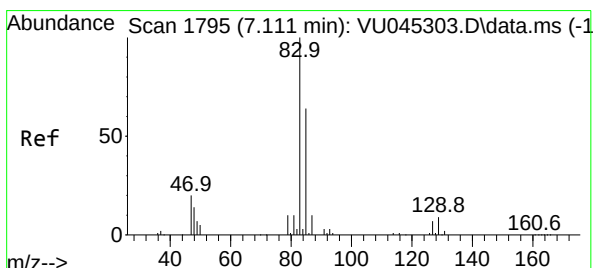
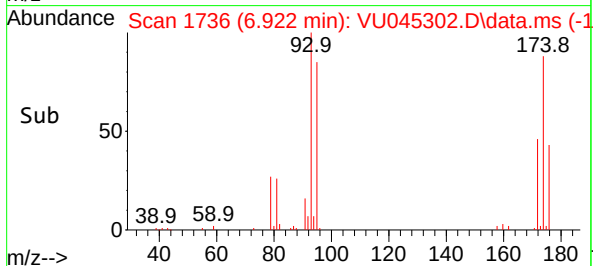
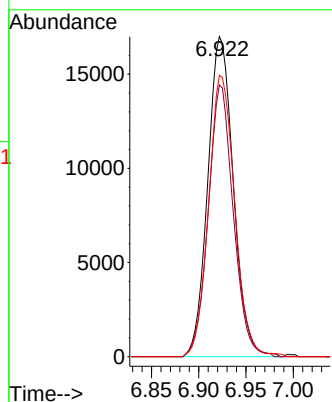
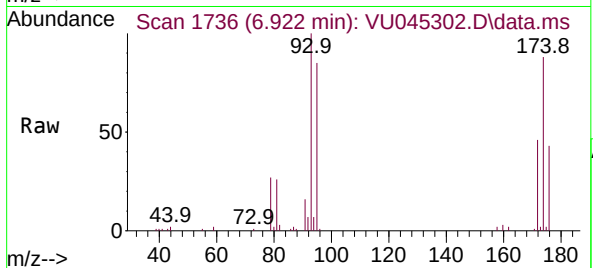
Tgt Ion: 93 Resp: 31956

Ion Ratio Lower Upper

93 100

95 82.8 66.2 99.2

174 89.5 70.7 106.1



#44

Bromodichloromethane

Concen: 4.945 ug/l

RT: 7.112 min Scan# 1795

Delta R.T. 0.000 min

Lab File: VU045302.D

Acq: 13 Oct 2021 11:05

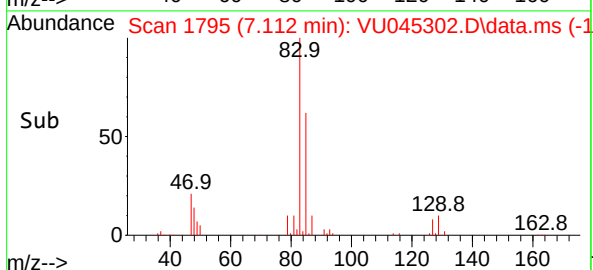
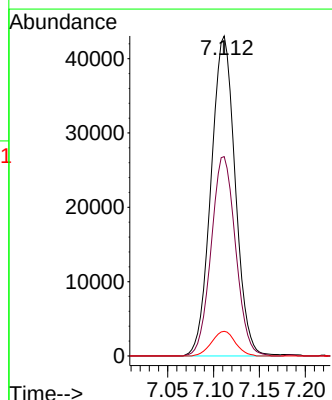
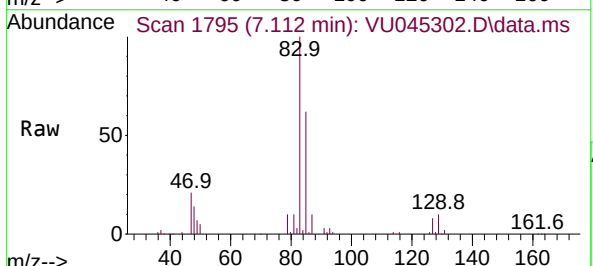
Tgt Ion: 83 Resp: 78952

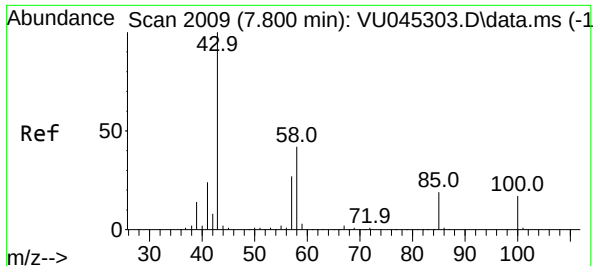
Ion Ratio Lower Upper

83 100

85 62.3 50.9 76.3

127 7.7 6.0 9.0





#45

4-Methyl-2-Pentanone

Concen: 30.173 ug/l

RT: 7.796 min Scan# 2008

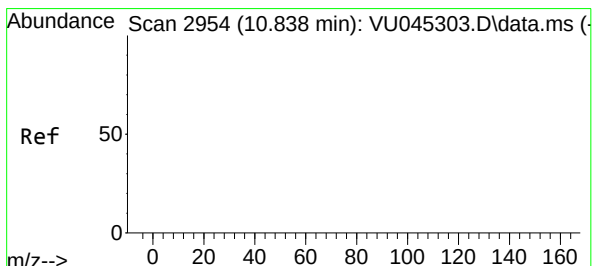
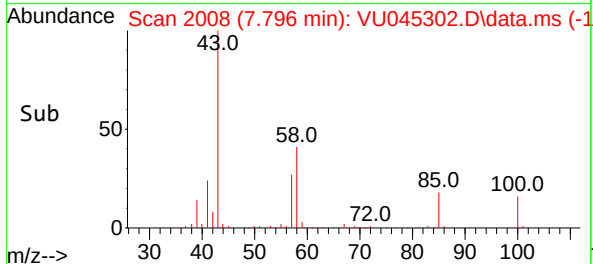
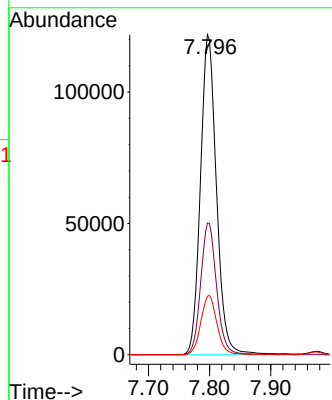
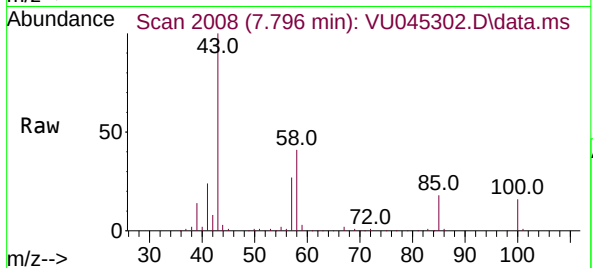
Delta R.T. -0.003 min

Lab File: VU045302.D

Acq: 13 Oct 2021 11:05

Tgt Ion: 43 Resp: 221573

Ion	Ratio	Lower	Upper
43	100		
58	40.8	21.0	63.0
85	18.6	14.8	22.2



#46

t-1,4-Dichloro-2-butene

Concen: 25.093 ug/l

RT: 10.828 min Scan# 2951

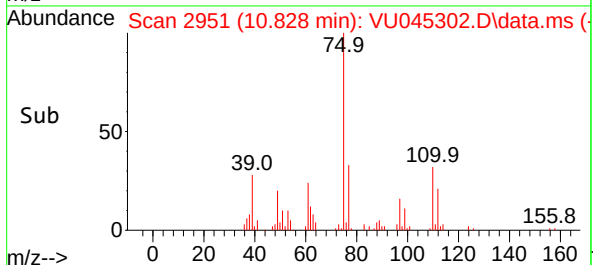
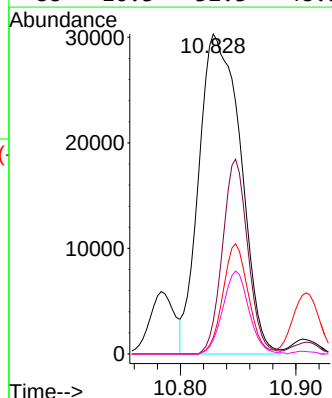
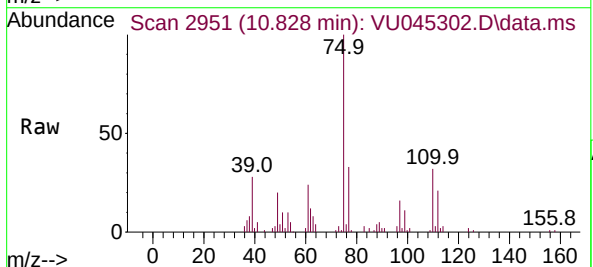
Delta R.T. -0.010 min

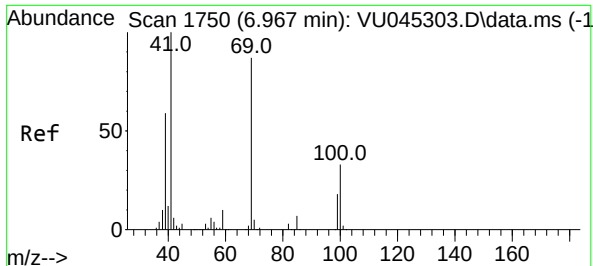
Lab File: VU045302.D

Acq: 13 Oct 2021 11:05

Tgt Ion: 75 Resp: 75701

Ion	Ratio	Lower	Upper
75	100		
53	37.4	66.8	100.2#
89	21.1	41.7	62.5#
88	16.3	32.3	48.5#





#47

Methyl methacrylate

Concen: 11.175 ug/l

RT: 6.967 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VU045302.D

Acq: 13 Oct 2021 11:05

Tgt Ion: 69 Resp: 66052

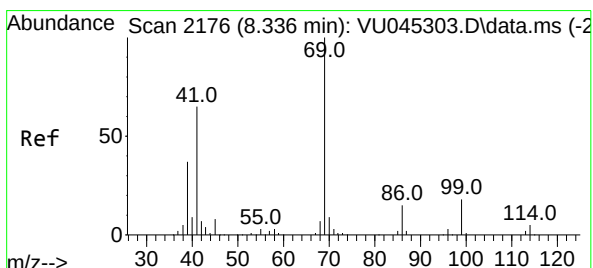
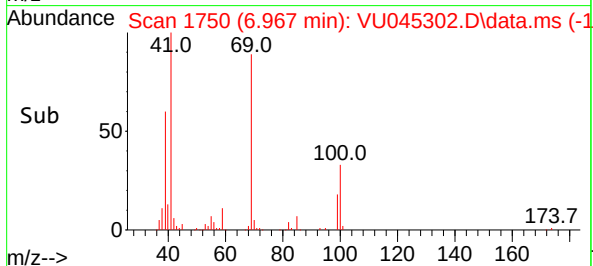
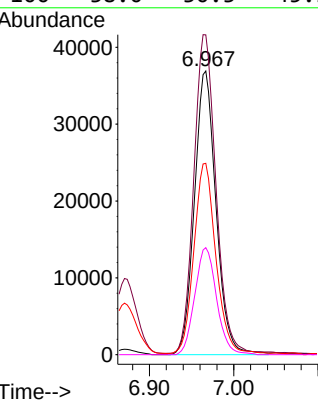
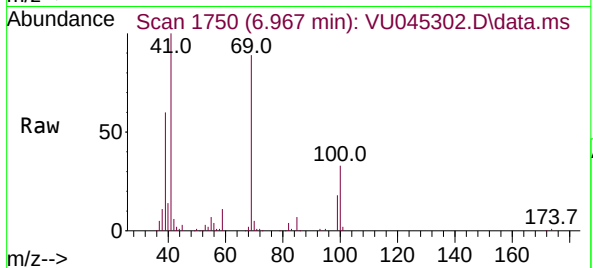
Ion Ratio Lower Upper

69 100

41 114.6 0.0 230.0

39 67.8 55.1 82.7

100 38.0 30.3 45.5



#48

Ethyl methacrylate

Concen: 5.547 ug/l

RT: 8.340 min Scan# 2177

Delta R.T. 0.003 min

Lab File: VU045302.D

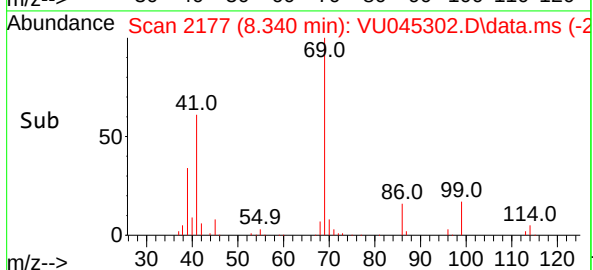
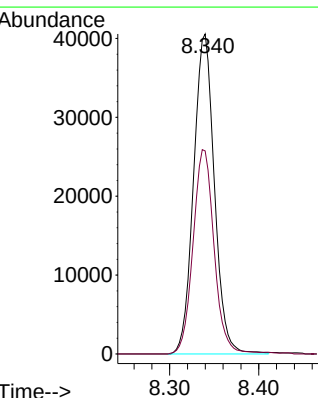
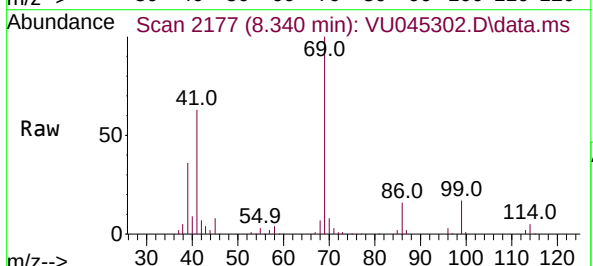
Acq: 13 Oct 2021 11:05

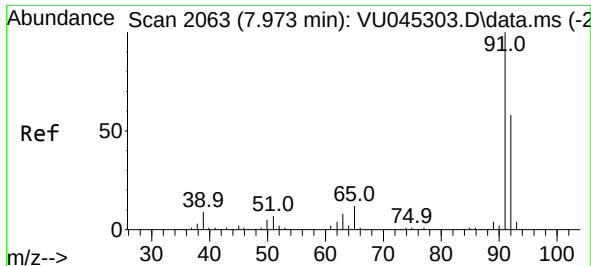
Tgt Ion: 69 Resp: 65835

Ion Ratio Lower Upper

69 100

41 64.5 32.6 98.0

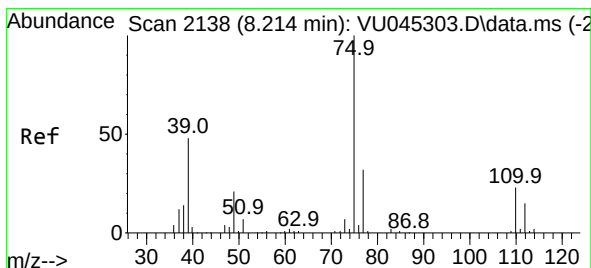
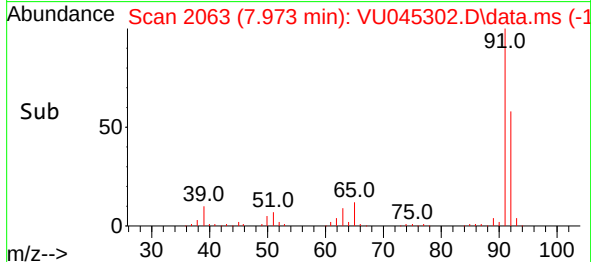
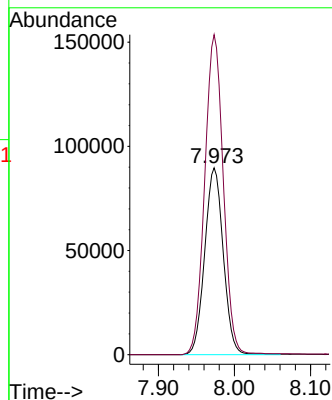
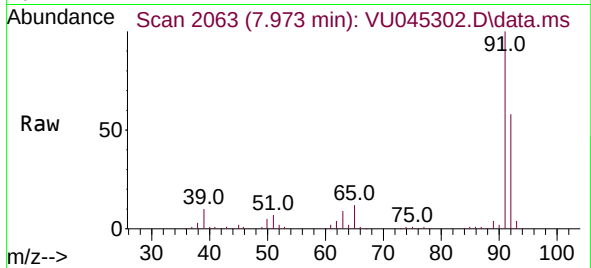




#49
Toluene
Concen: 5.128 ug/l
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045302.D
Acq: 13 Oct 2021 11:05

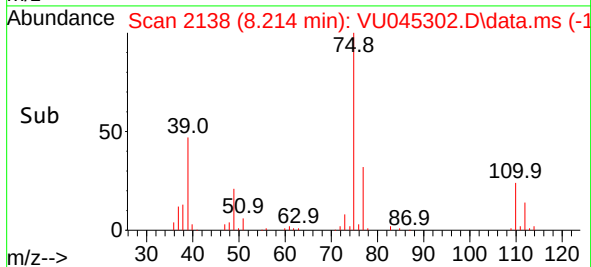
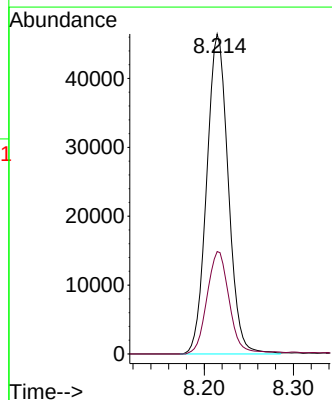
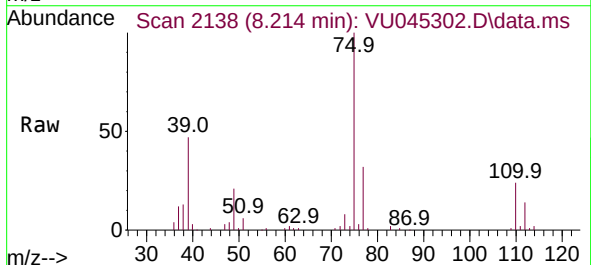
Instrument :
MSVOA_U
ClientSampled :

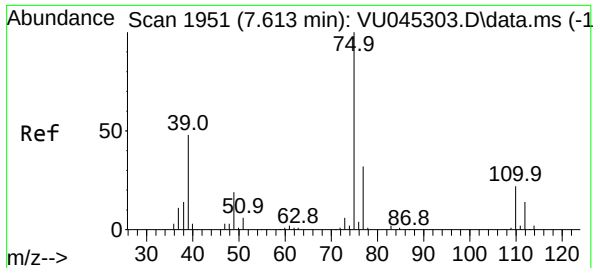
Tgt Ion: 92 Resp: 152131
Ion Ratio Lower Upper
92 100
91 171.4 136.8 205.2



#50
t-1,3-Dichloropropene
Concen: 5.484 ug/l
RT: 8.214 min Scan# 2138
Delta R.T. 0.000 min
Lab File: VU045302.D
Acq: 13 Oct 2021 11:05

Tgt Ion: 75 Resp: 77836
Ion Ratio Lower Upper
75 100
77 32.0 25.6 38.4

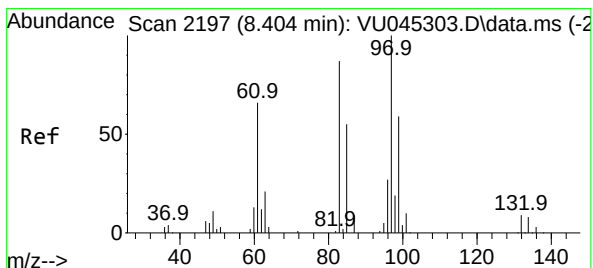
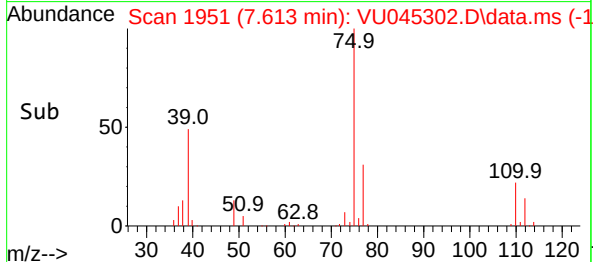
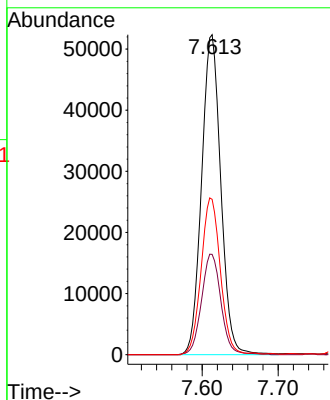
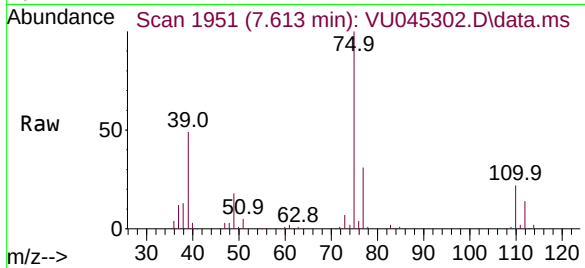




#51
 cis-1,3-Dichloropropene
 Concen: 5.653 ug/l
 RT: 7.613 min Scan# 1951
 Delta R.T. 0.000 min
 Lab File: VU045302.D
 Acq: 13 Oct 2021 11:05

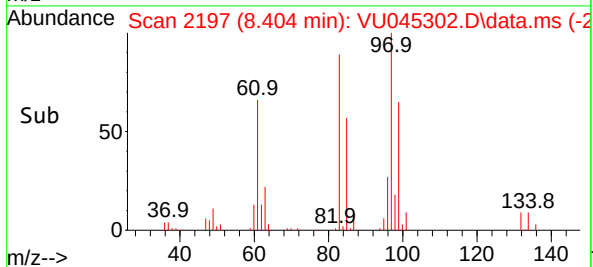
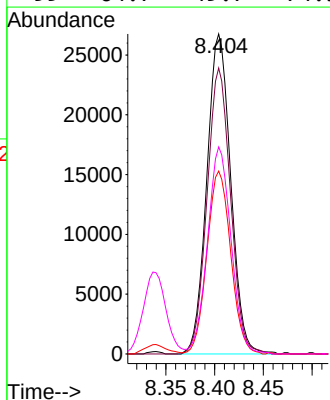
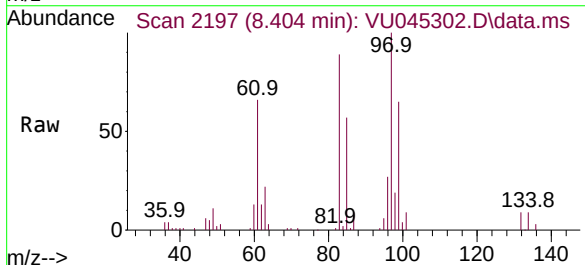
Instrument :
 MSVOA_U
 ClientSampled :

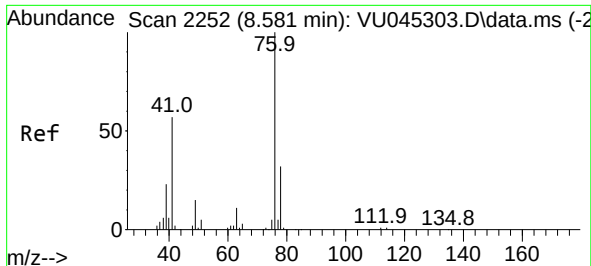
Tgt Ion:	75	Resp:	91889
Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.2	37.8
39	48.5	38.6	57.8



#52
 1,1,2-Trichloroethane
 Concen: 4.698 ug/l
 RT: 8.404 min Scan# 2197
 Delta R.T. 0.000 min
 Lab File: VU045302.D
 Acq: 13 Oct 2021 11:05

Tgt Ion:	97	Resp:	45690
Ion	Ratio	Lower	Upper
97	100		
83	89.3	69.8	104.8
85	57.2	44.2	66.4
99	64.7	49.7	74.5





#53

1,3-Dichloropropane

Concen: 5.008 ug/l

RT: 8.581 min Scan# 2252

Delta R.T. 0.000 min

Lab File: VU045302.D

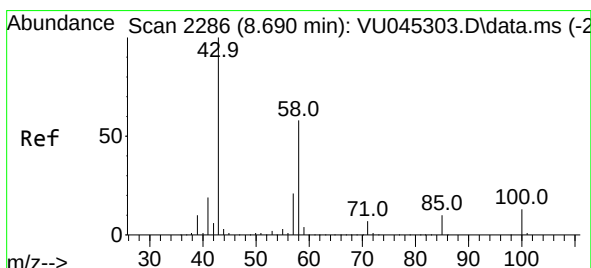
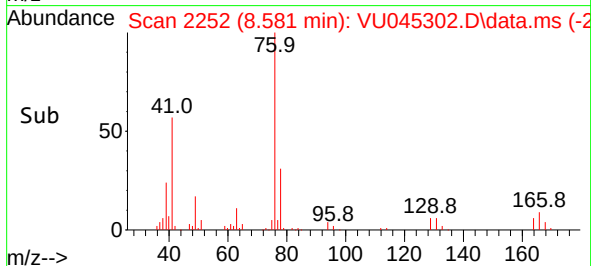
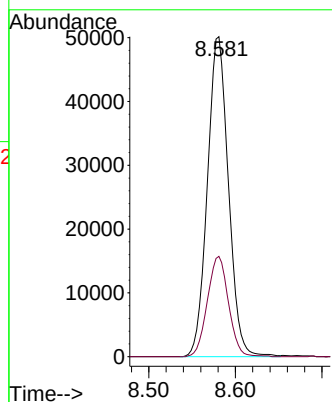
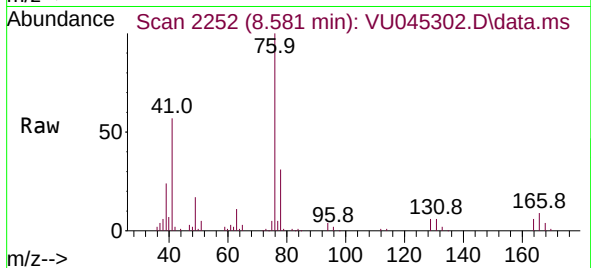
Acq: 13 Oct 2021 11:05

Tgt Ion: 76 Resp: 84736

Ion Ratio Lower Upper

76 100

78 31.4 25.4 38.2



#54

2-Hexanone

Concen: 31.357 ug/l

RT: 8.690 min Scan# 2286

Delta R.T. 0.000 min

Lab File: VU045302.D

Acq: 13 Oct 2021 11:05

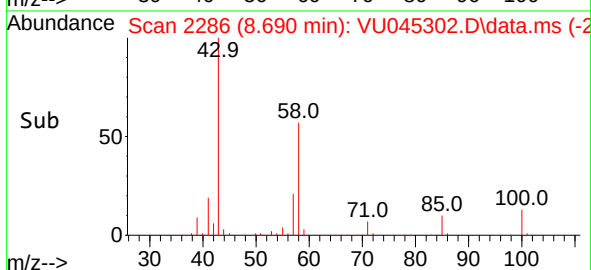
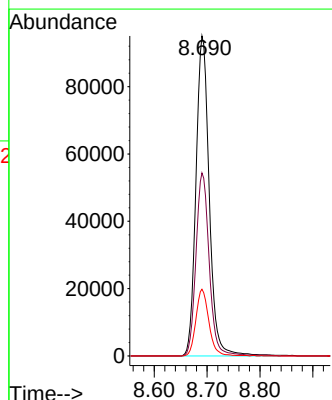
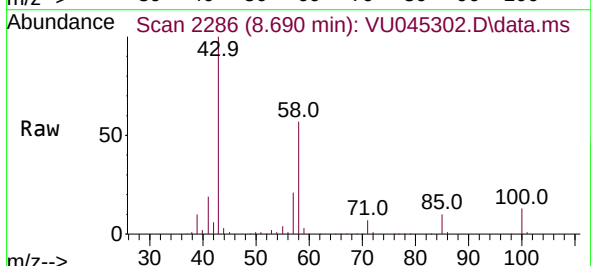
Tgt Ion: 43 Resp: 166122

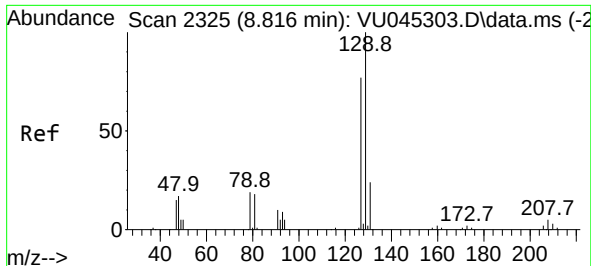
Ion Ratio Lower Upper

43 100

58 57.4 37.7 77.7

57 20.3 0.5 40.5

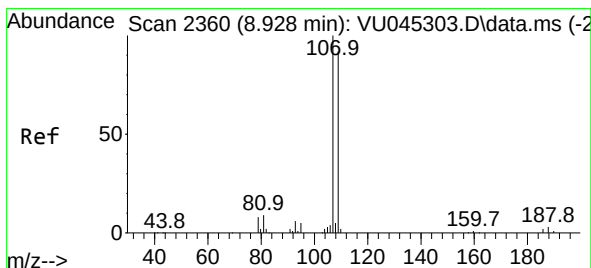
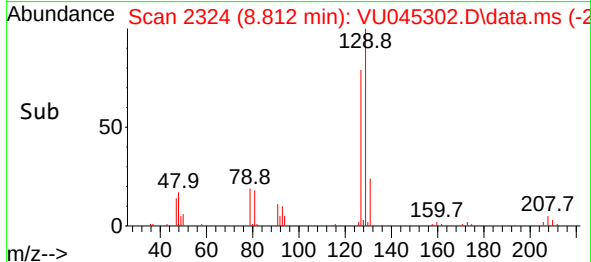
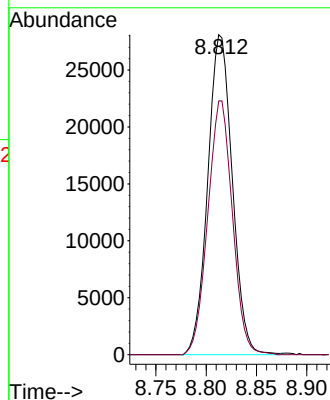
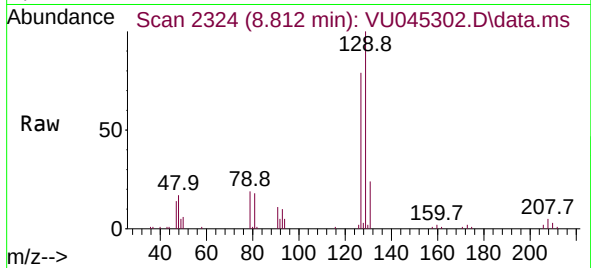




#55
Dibromochloromethane
Concen: 4.389 ug/l
RT: 8.812 min Scan# 2324
Delta R.T. -0.003 min
Lab File: VU045302.D
Acq: 13 Oct 2021 11:05

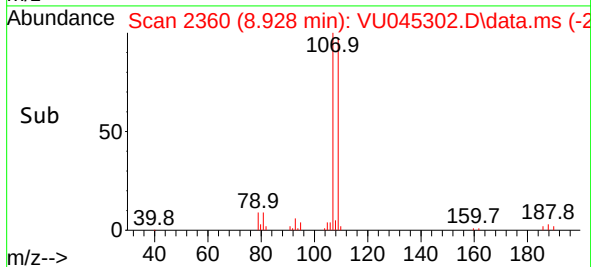
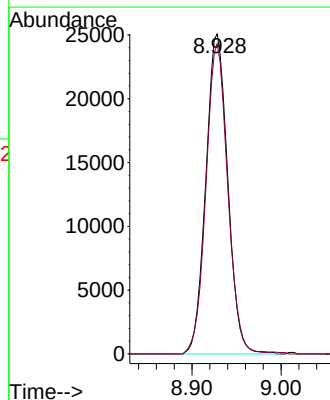
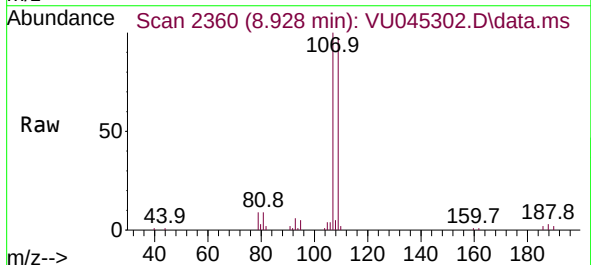
Instrument :
MSVOA_U
ClientSampled :

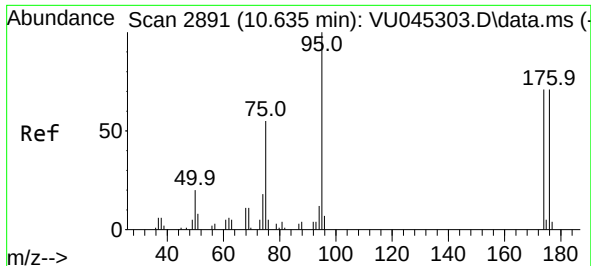
Tgt Ion:129 Resp: 47810
Ion Ratio Lower Upper
129 100
127 79.4 62.2 93.4



#56
1,2-Dibromoethane
Concen: 4.520 ug/l
RT: 8.928 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VU045302.D
Acq: 13 Oct 2021 11:05

Tgt Ion:107 Resp: 42871
Ion Ratio Lower Upper
107 100
109 96.1 0.0 185.0

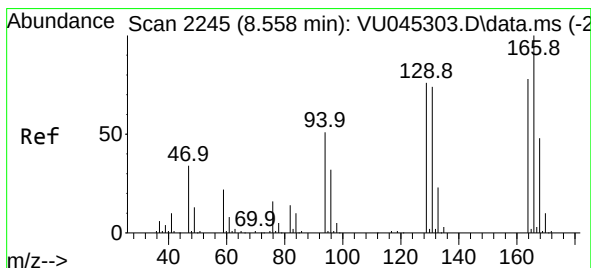
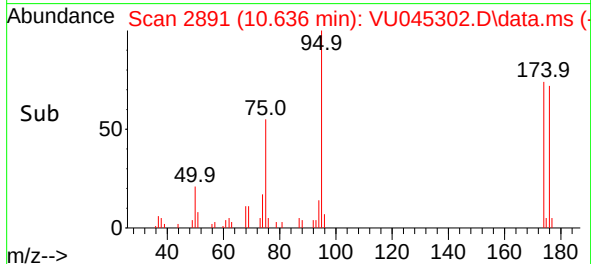
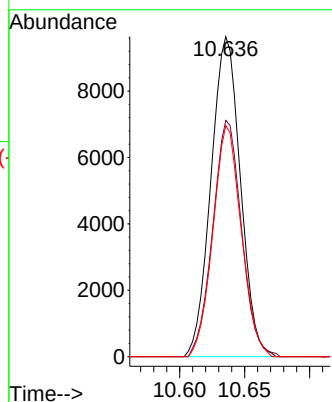
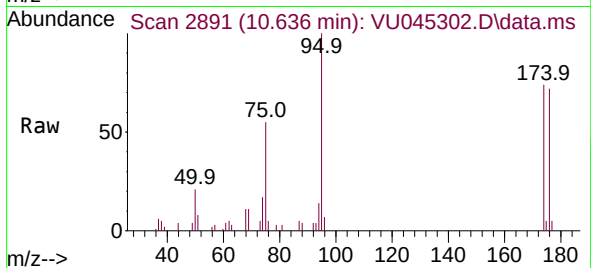




#57
4-Bromofluorobenzene
Concen: 0.950 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU045302.D
Acq: 13 Oct 2021 11:05

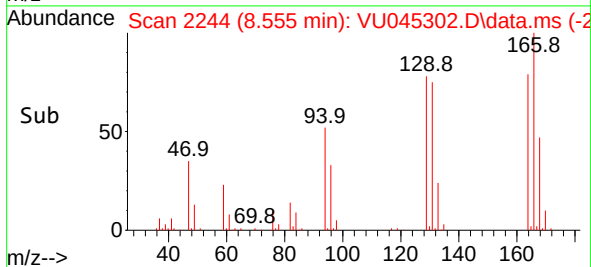
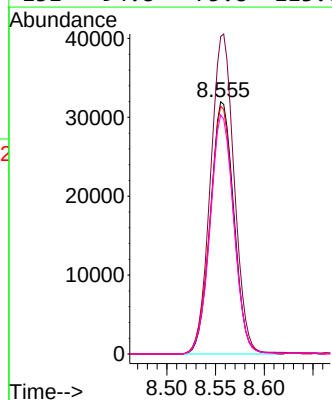
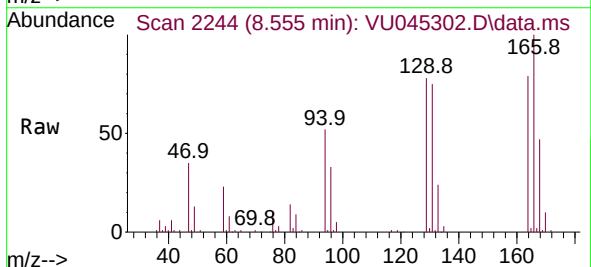
Instrument :
MSVOA_U
ClientSampled :

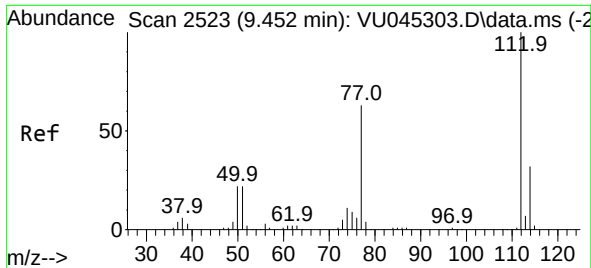
Tgt Ion: 95 Resp: 15152
Ion Ratio Lower Upper
95 100
174 72.2 56.6 84.8
176 69.7 54.3 81.5



#58
Tetrachloroethene
Concen: 4.467 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. -0.003 min
Lab File: VU045302.D
Acq: 13 Oct 2021 11:05

Tgt Ion: 164 Resp: 53522
Ion Ratio Lower Upper
164 100
166 125.9 102.0 153.0
129 98.2 77.1 115.7
131 94.8 75.8 113.6

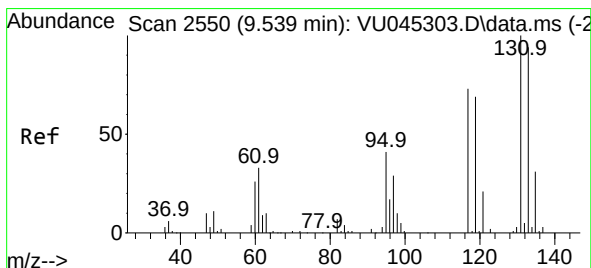
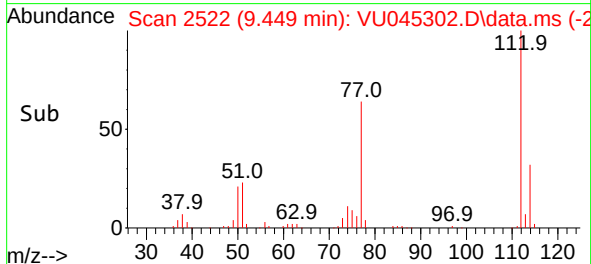
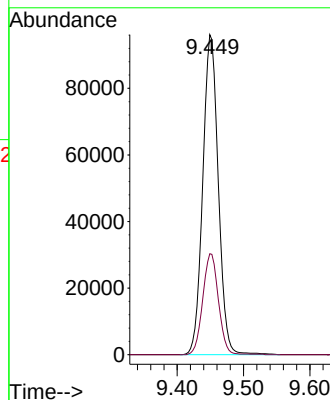
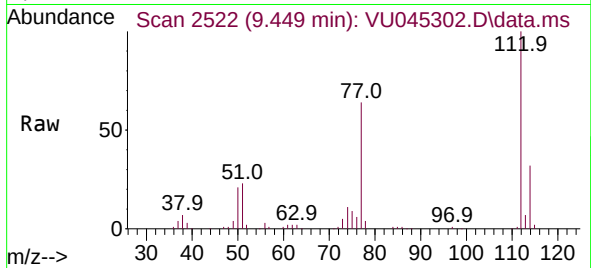




#59
Chlorobenzene
Concen: 4.709 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. -0.003 min
Lab File: VU045302.D
Acq: 13 Oct 2021 11:05

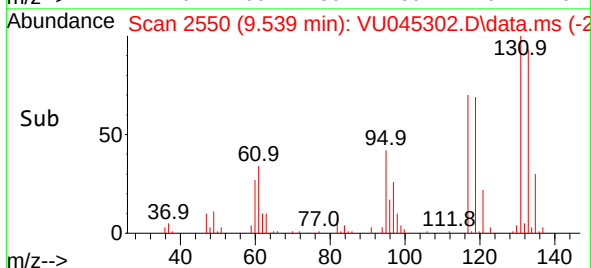
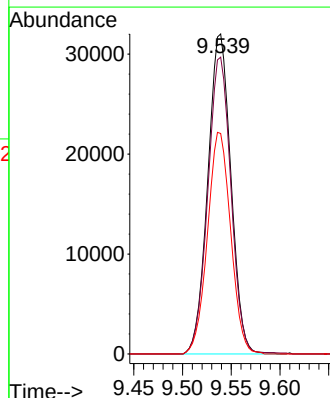
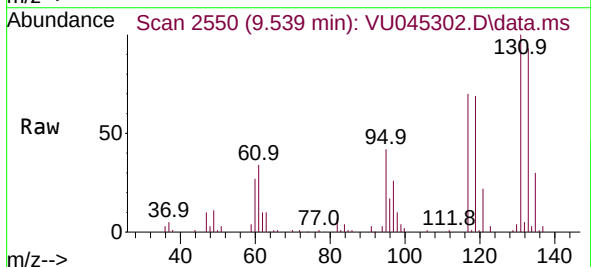
Instrument :
MSVOA_U
ClientSampled :

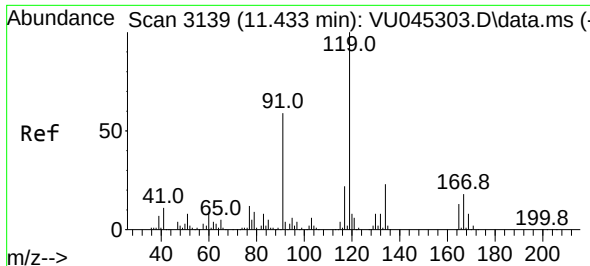
Tgt Ion:112 Resp: 156300
Ion Ratio Lower Upper
112 100
114 31.5 25.4 38.0



#60
1,1,1,2-Tetrachloroethane
Concen: 4.482 ug/l
RT: 9.539 min Scan# 2550
Delta R.T. 0.000 min
Lab File: VU045302.D
Acq: 13 Oct 2021 11:05

Tgt Ion:131 Resp: 52764
Ion Ratio Lower Upper
131 100
133 93.2 76.0 114.0
119 69.7 54.9 82.3

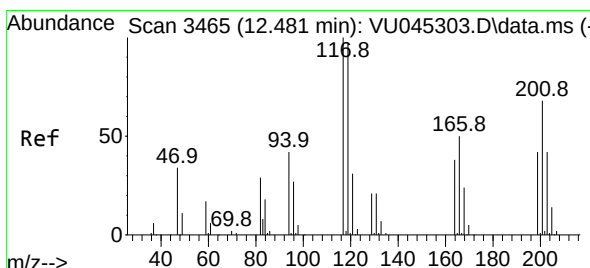
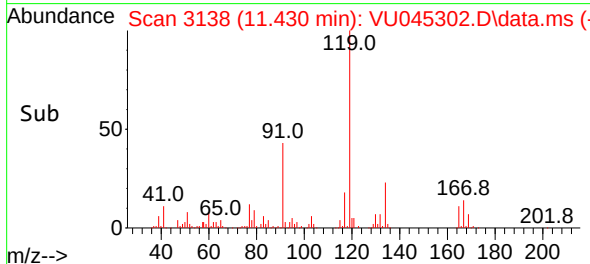
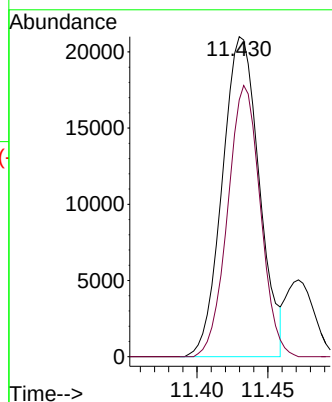
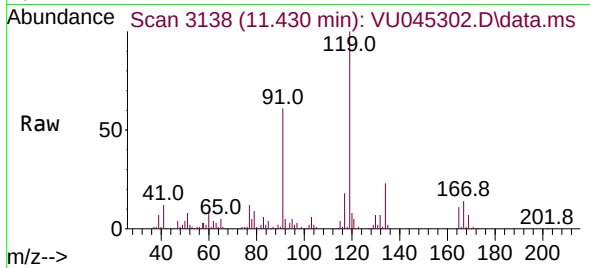




#61
 Pentachloroethane
 Concen: 4.146 ug/l
 RT: 11.430 min Scan# 3138
 Delta R.T. -0.003 min
 Lab File: VU045302.D
 Acq: 13 Oct 2021 11:05

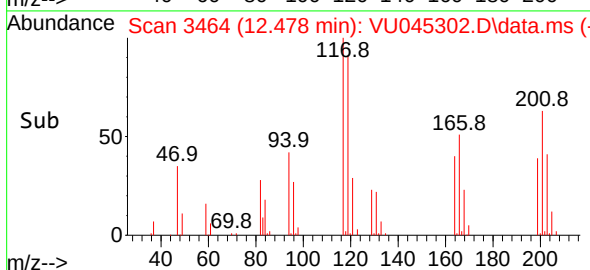
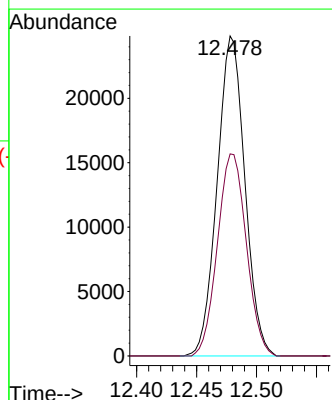
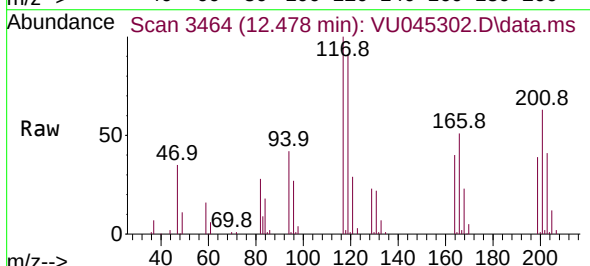
Instrument :
 MSVOA_U
 ClientSampled :

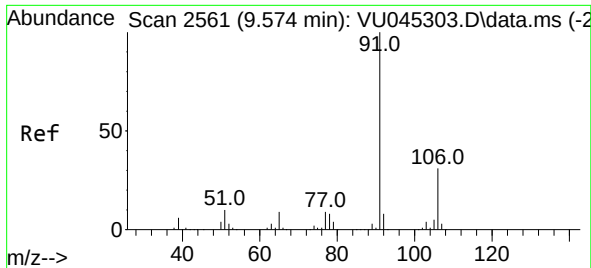
Tgt Ion:117 Resp: 38131
 Ion Ratio Lower Upper
 117 100
 167 74.9 59.7 89.5



#62
 Hexachloroethane
 Concen: 4.299 ug/l
 RT: 12.478 min Scan# 3464
 Delta R.T. -0.003 min
 Lab File: VU045302.D
 Acq: 13 Oct 2021 11:05

Tgt Ion:117 Resp: 39831
 Ion Ratio Lower Upper
 117 100
 201 65.9 53.6 80.4

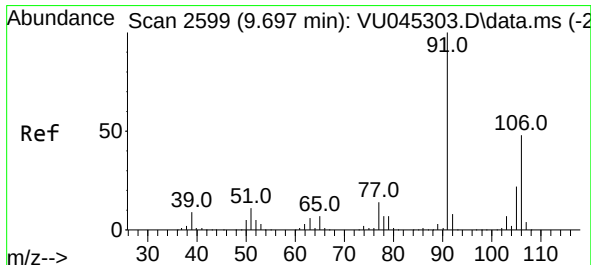
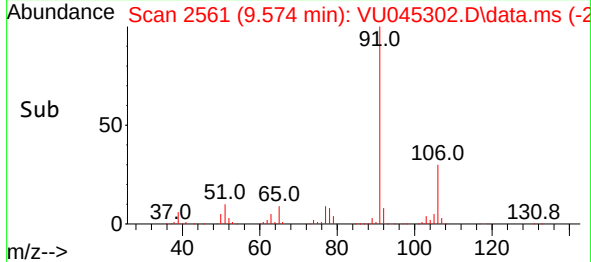
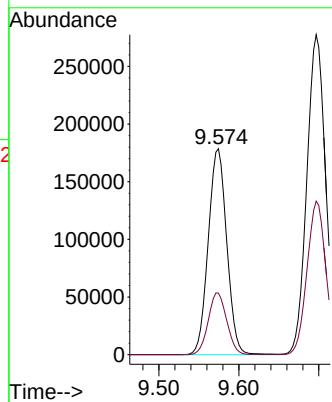
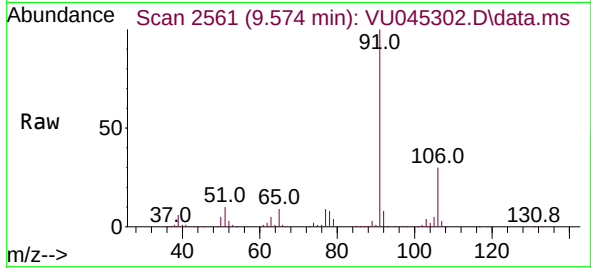




#63
Ethyl Benzene
Concen: 5.192 ug/l
RT: 9.574 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU045302.D
Acq: 13 Oct 2021 11:05

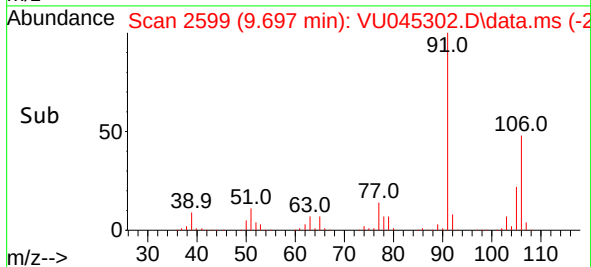
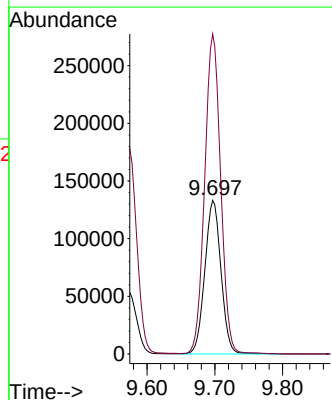
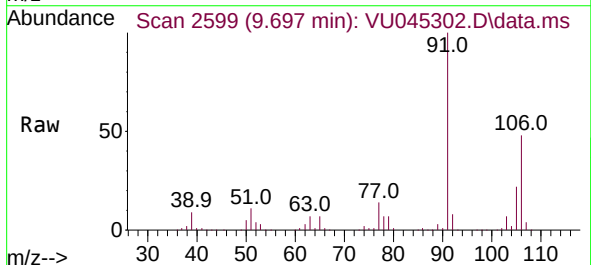
Instrument :
MSVOA_U
ClientSampled :

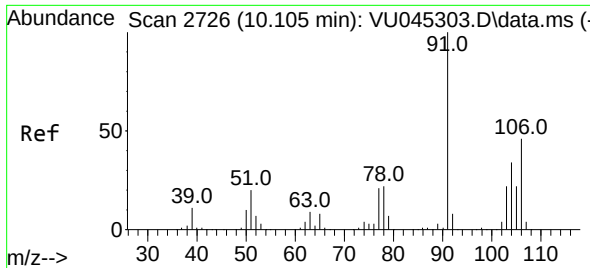
Tgt Ion: 91 Resp: 287921
Ion Ratio Lower Upper
91 100
106 29.9 24.4 36.6



#64
m/p-Xylenes
Concen: 10.022 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU045302.D
Acq: 13 Oct 2021 11:05

Tgt Ion: 106 Resp: 220323
Ion Ratio Lower Upper
106 100
91 206.8 165.5 248.3

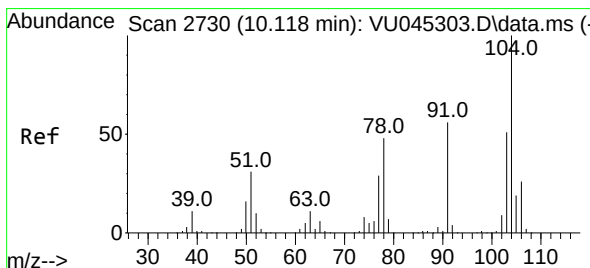
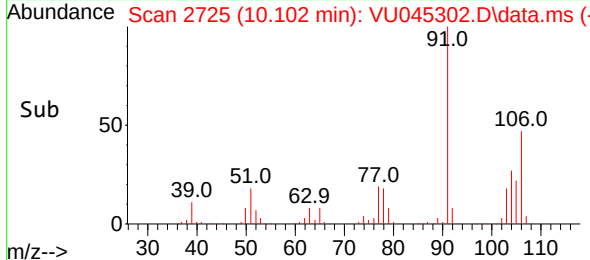
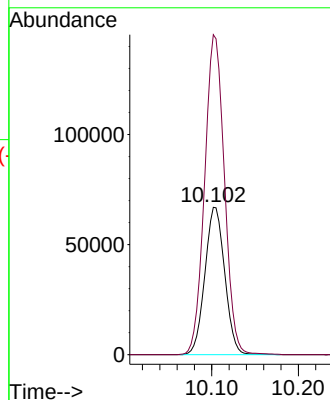
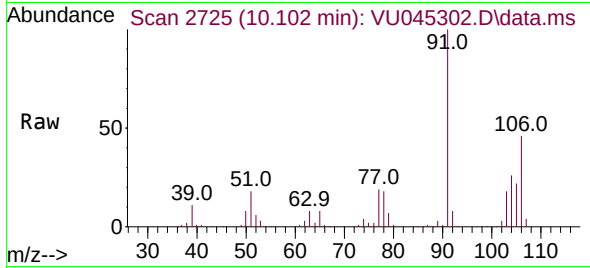




#65
o-Xylene
Concen: 5.003 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. -0.003 min
Lab File: VU045302.D
Acq: 13 Oct 2021 11:05

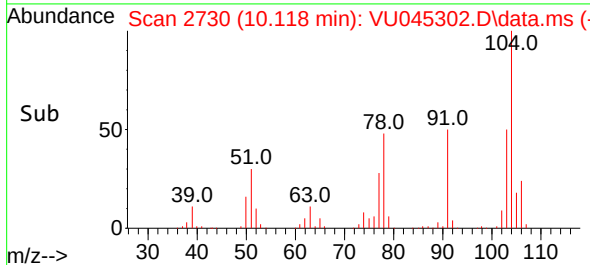
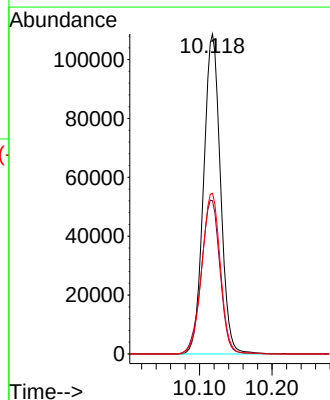
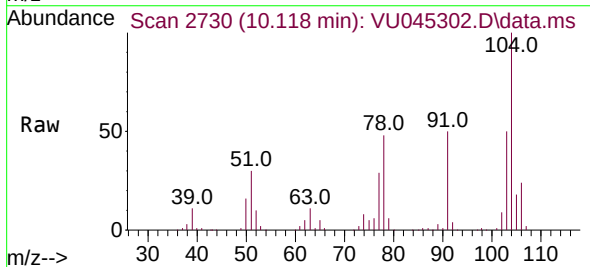
Instrument :
MSVOA_U
ClientSampleId :

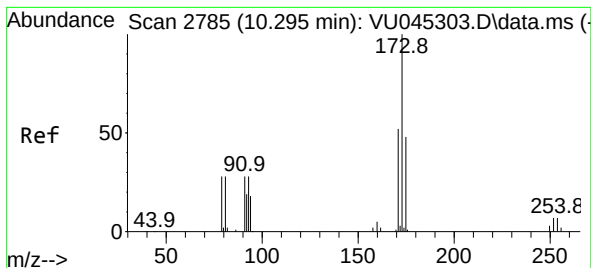
Tgt Ion:106 Resp: 106573
Ion Ratio Lower Upper
106 100
91 217.0 109.4 328.2



#66
Styrene
Concen: 4.912 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. 0.000 min
Lab File: VU045302.D
Acq: 13 Oct 2021 11:05

Tgt Ion:104 Resp: 175616
Ion Ratio Lower Upper
104 100
78 53.3 42.4 63.6
103 55.0 44.2 66.4





#67

Bromoform

Concen: 4.192 ug/l

RT: 10.295 min Scan# 2785

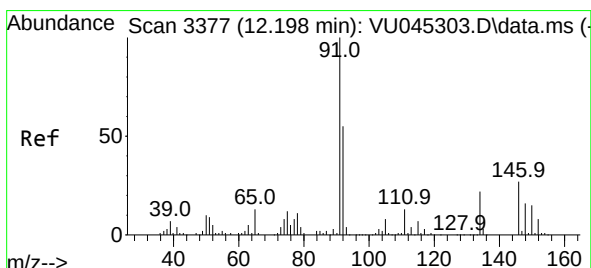
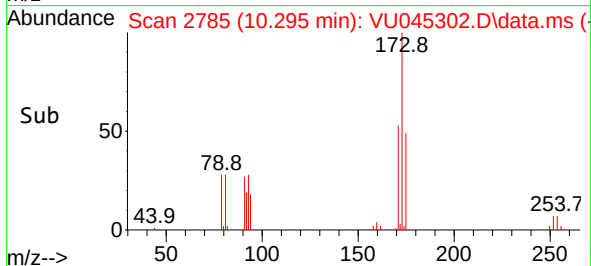
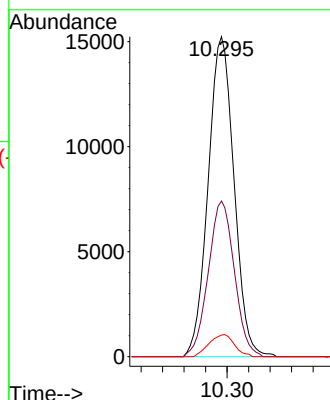
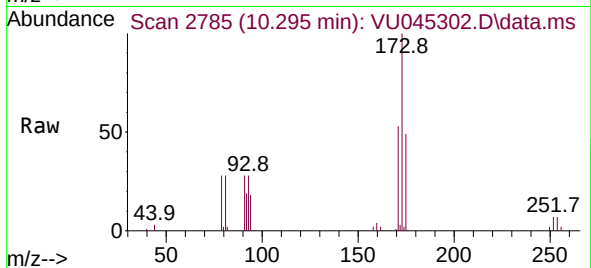
Delta R.T. 0.000 min

Lab File: VU045302.D

Acq: 13 Oct 2021 11:05

Tgt Ion:	173	Resp:	25414
Ion Ratio	Lower	Upper	
173	100		
175	49.1	39.0	58.4
254	6.7	5.5	8.3

Instrument :
MSVOA_U
ClientSampled :



#68

1,2-Dichlorobenzene-d4

Concen: 0.784 ug/l

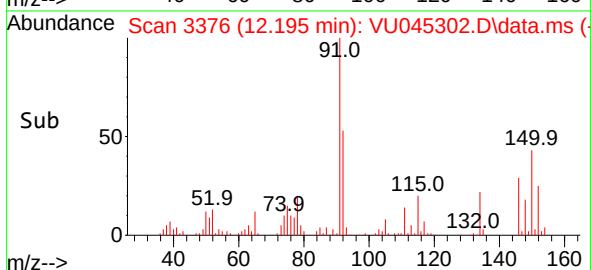
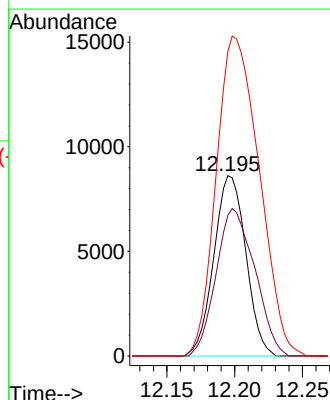
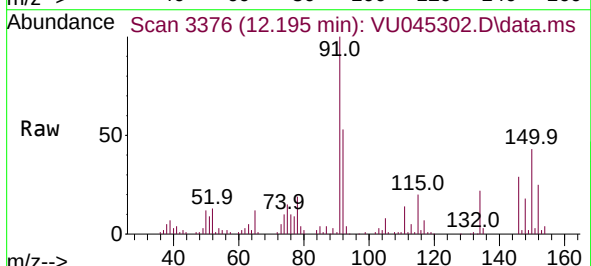
RT: 12.195 min Scan# 3376

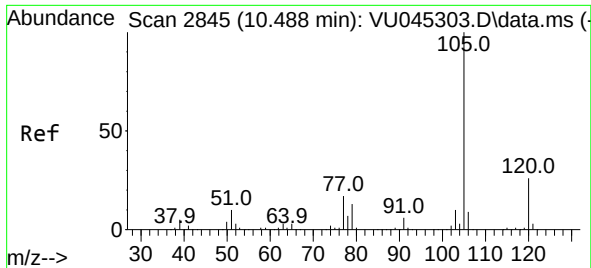
Delta R.T. -0.003 min

Lab File: VU045302.D

Acq: 13 Oct 2021 11:05

Tgt Ion:	152	Resp:	14148
Ion Ratio	Lower	Upper	
152	100		
115	98.5	0.0	251.0
150	237.9	0.0	613.8

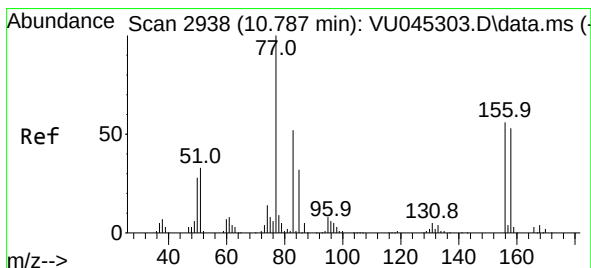
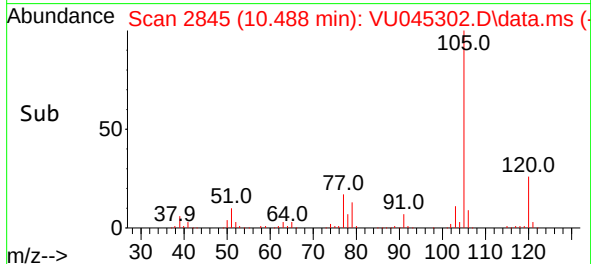
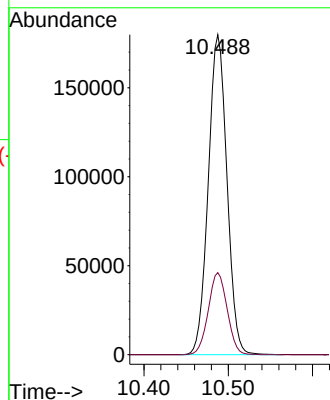
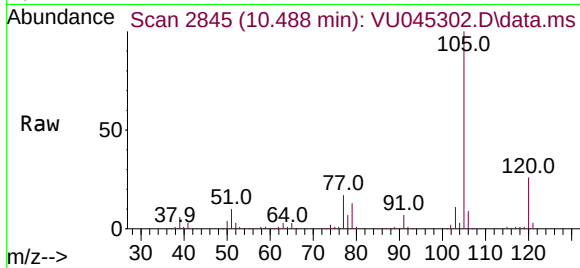




#69
Isopropylbenzene
Concen: 4.975 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU045302.D
Acq: 13 Oct 2021 11:05

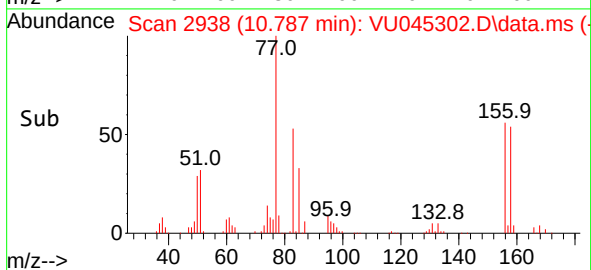
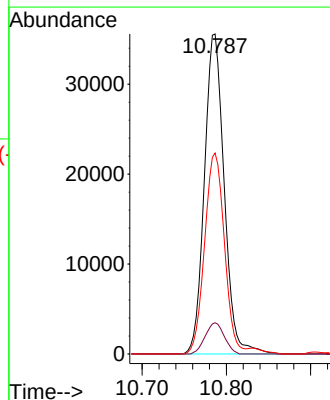
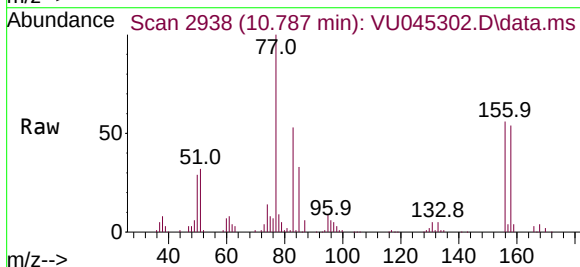
Instrument :
MSVOA_U
ClientSampled :

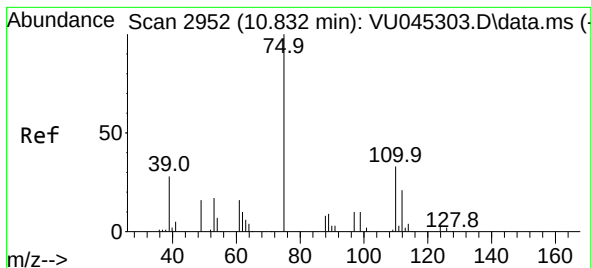
Tgt Ion:105 Resp: 277099
Ion Ratio Lower Upper
105 100
120 25.9 12.8 38.4



#70
1,1,2,2-Tetrachloroethane
Concen: 4.473 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. 0.000 min
Lab File: VU045302.D
Acq: 13 Oct 2021 11:05

Tgt Ion: 83 Resp: 58309
Ion Ratio Lower Upper
83 100
131 9.4 7.6 11.4
85 62.6 50.9 76.3

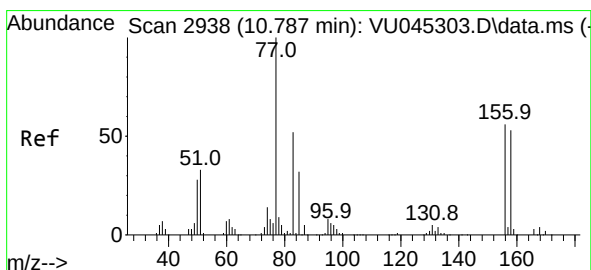
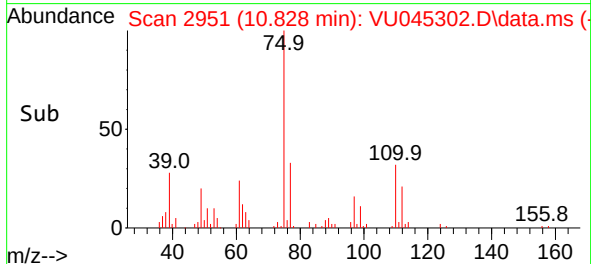
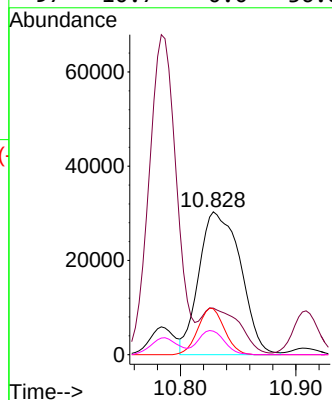
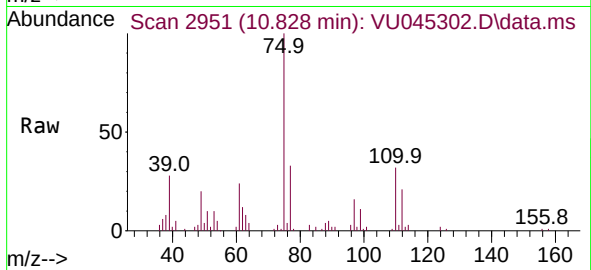




#71
1,2,3-Trichloropropane
Concen: 8.015 ug/l
RT: 10.828 min Scan# 2951
Delta R.T. -0.003 min
Lab File: VU045302.D
Acq: 13 Oct 2021 11:05

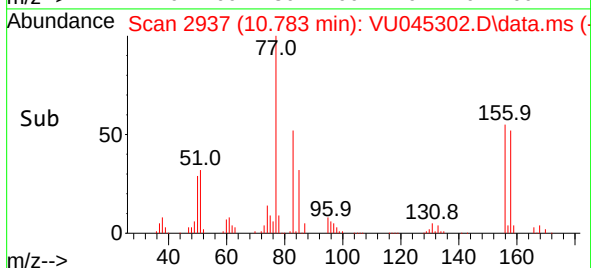
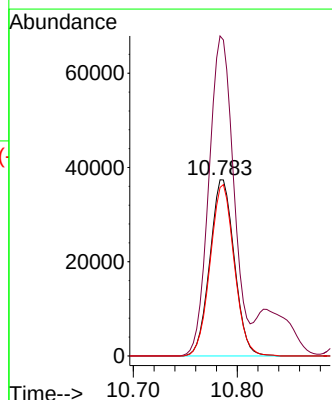
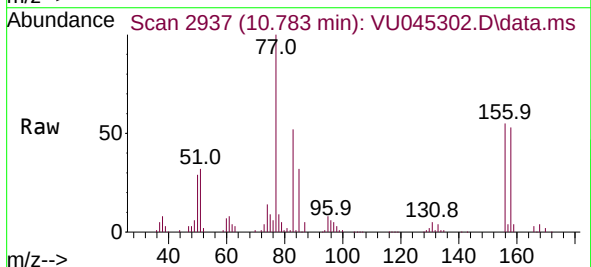
Instrument :
MSVOA_U
ClientSampled :

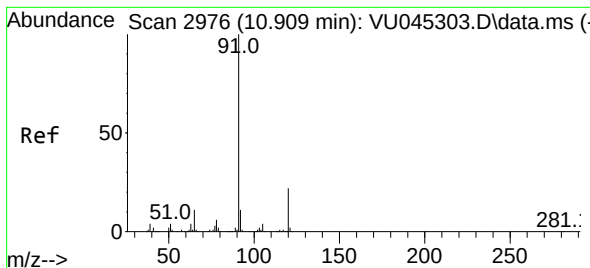
Tgt Ion:	75	Resp:	75701
Ion	Ratio	Lower	Upper
75	100		
77	28.9	0.0	105.6
110	20.8	0.0	71.2
97	10.7	0.0	36.8



#72
Bromobenzene
Concen: 4.353 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. -0.003 min
Lab File: VU045302.D
Acq: 13 Oct 2021 11:05

Tgt Ion:	156	Resp:	61030
Ion	Ratio	Lower	Upper
156	100		
77	184.3	0.0	370.6
158	96.0	0.0	193.4

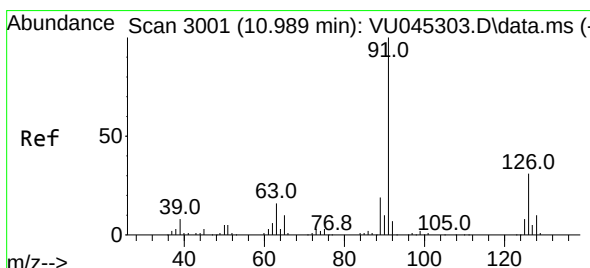
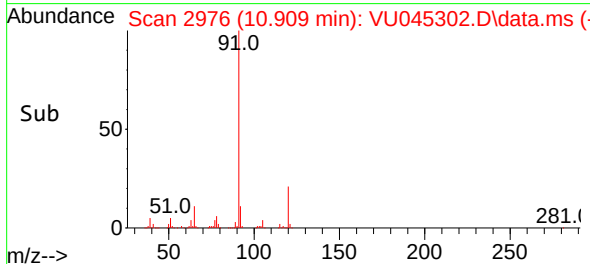
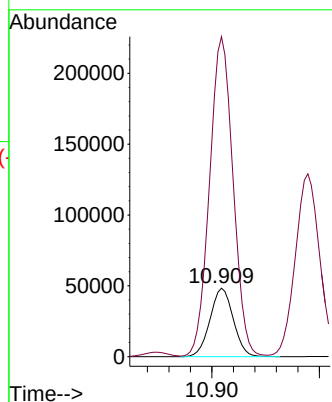
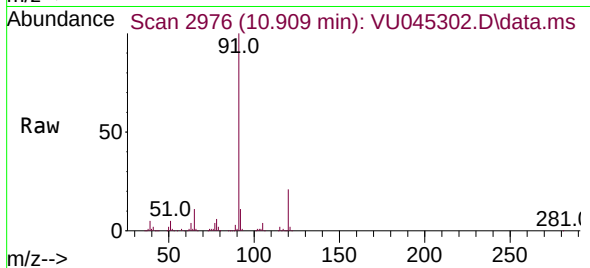




#73
n-propylbenzene
Concen: 4.720 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.000 min
Lab File: VU045302.D
Acq: 13 Oct 2021 11:05

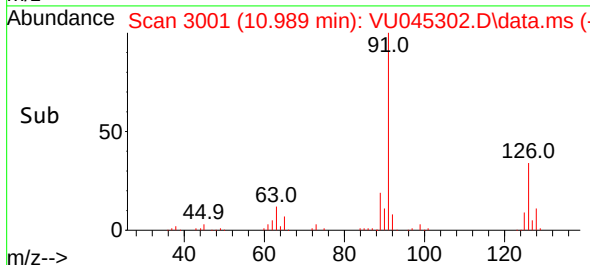
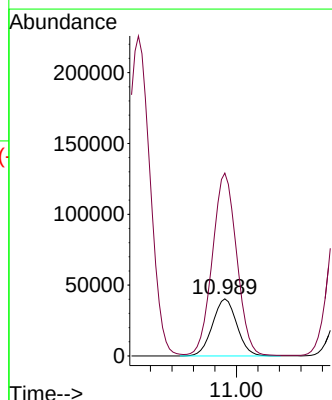
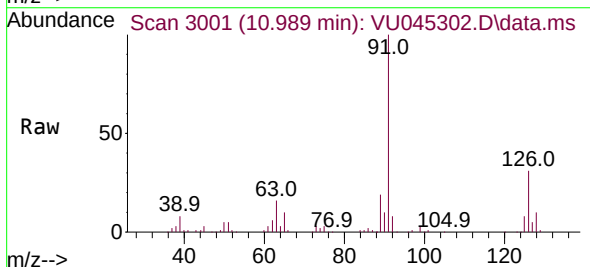
Instrument :
MSVOA_U
ClientSampled :

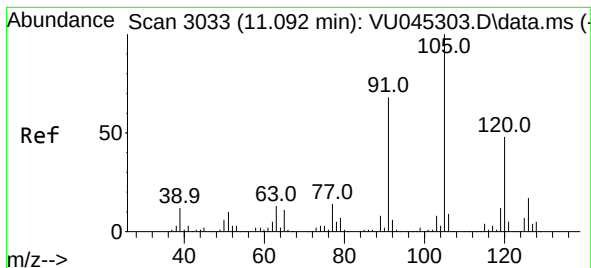
Tgt Ion:120 Resp: 72440
Ion Ratio Lower Upper
120 100
91 471.2 370.7 556.1



#74
2-Chlorotoluene
Concen: 4.609 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. 0.000 min
Lab File: VU045302.D
Acq: 13 Oct 2021 11:05

Tgt Ion:126 Resp: 63372
Ion Ratio Lower Upper
126 100
91 318.5 0.0 639.6





#75

1,3,5-Trimethylbenzene

Concen: 4.965 ug/l

RT: 11.092 min Scan# 3033

Delta R.T. 0.000 min

Lab File: VU045302.D

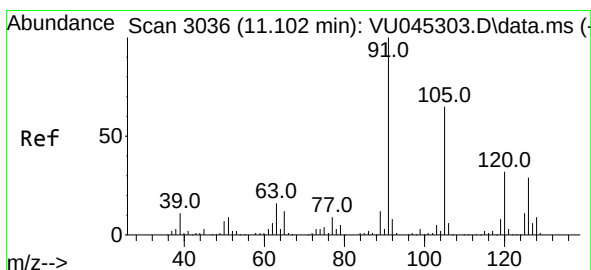
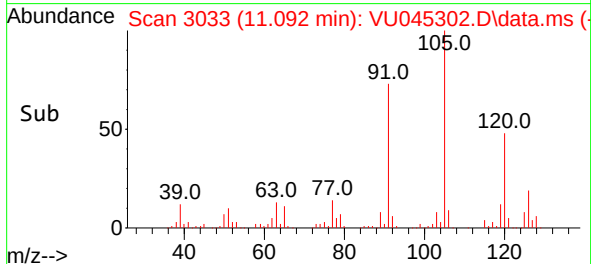
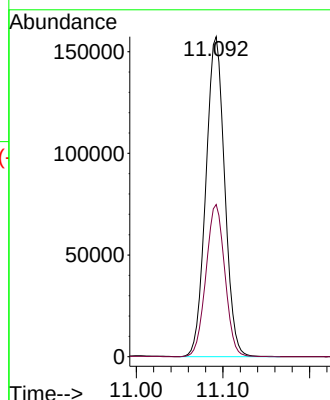
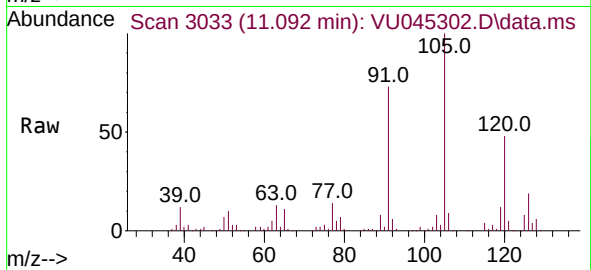
Acq: 13 Oct 2021 11:05

Tgt Ion:105 Resp: 237143

Ion Ratio Lower Upper

105 100

120 47.9 38.6 58.0



#76

4-Chlorotoluene

Concen: 4.467 ug/l

RT: 11.102 min Scan# 3036

Delta R.T. 0.000 min

Lab File: VU045302.D

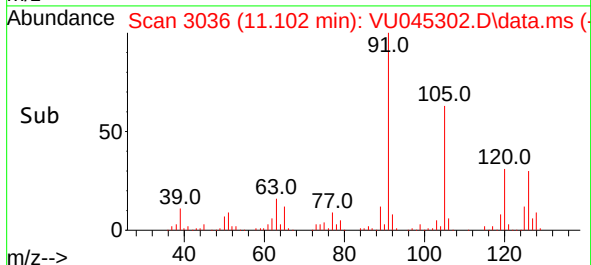
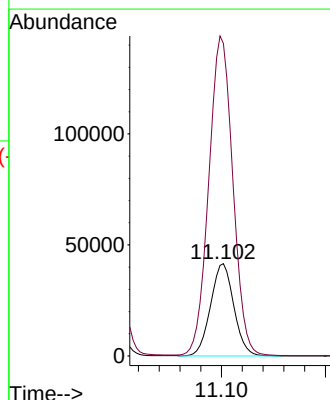
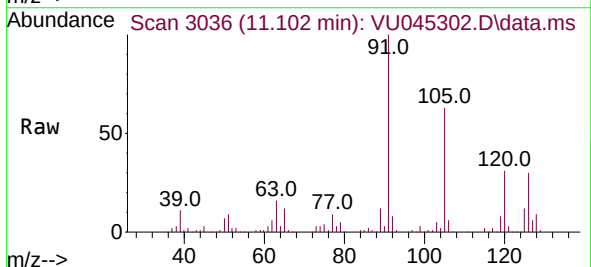
Acq: 13 Oct 2021 11:05

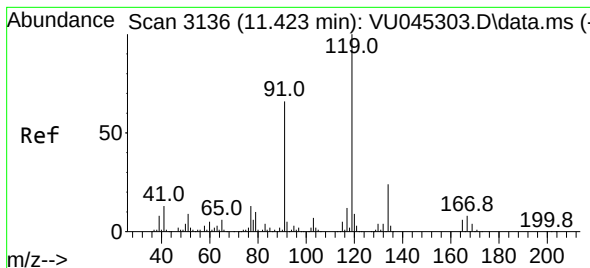
Tgt Ion:126 Resp: 64678

Ion Ratio Lower Upper

126 100

91 358.0 0.0 728.0





#77

tert-Butylbenzene

Concen: 4.775 ug/l

RT: 11.423 min Scan# 3136

Delta R.T. 0.000 min

Lab File: VU045302.D

Acq: 13 Oct 2021 11:05

Tgt Ion:119 Resp: 226682

Ion Ratio Lower Upper

119 100

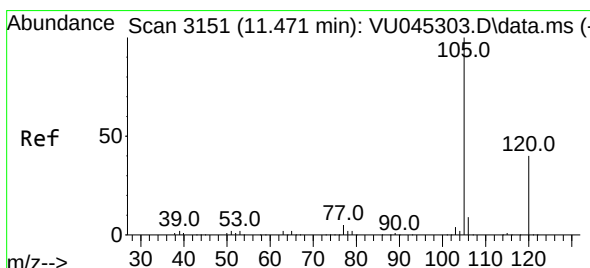
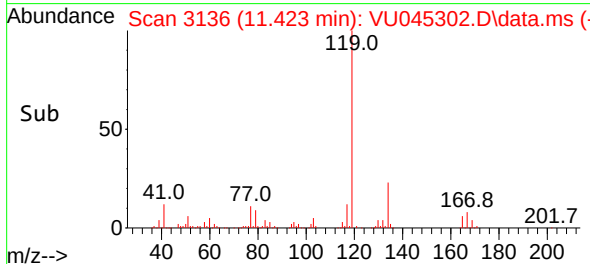
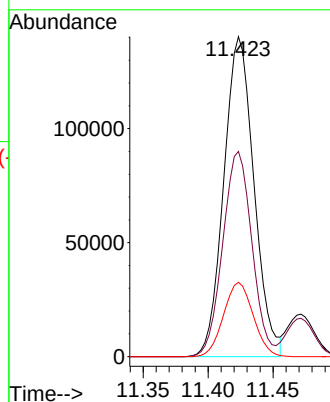
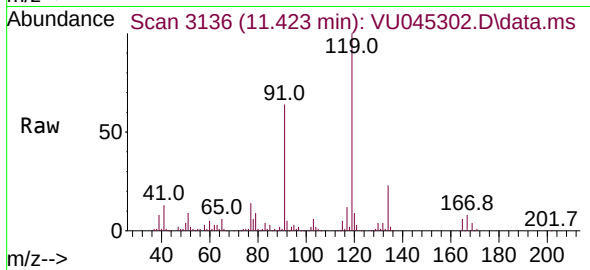
91 62.2 31.4 94.3

134 22.9 18.5 27.7

Instrument :

MSVOA_U

ClientSampleId :



#78

1,2,4-Trimethylbenzene

Concen: 4.932 ug/l

RT: 11.472 min Scan# 3151

Delta R.T. 0.000 min

Lab File: VU045302.D

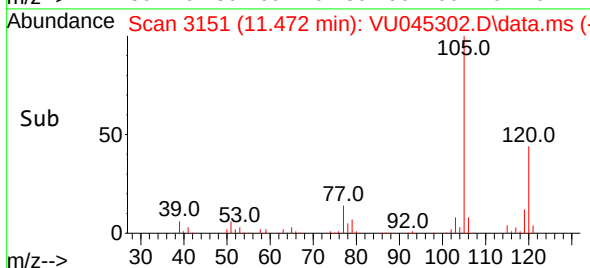
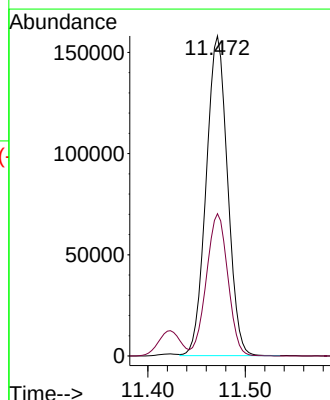
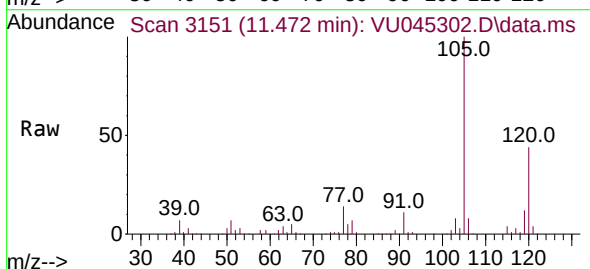
Acq: 13 Oct 2021 11:05

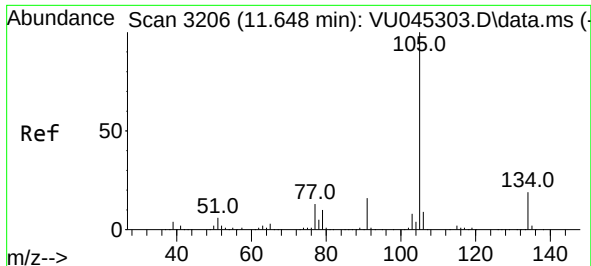
Tgt Ion:105 Resp: 240837

Ion Ratio Lower Upper

105 100

120 44.7 22.3 66.8

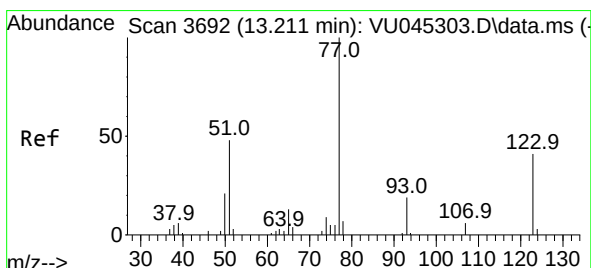
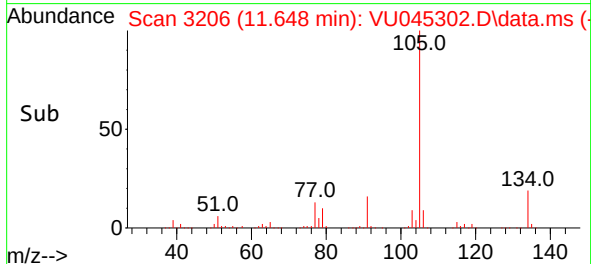
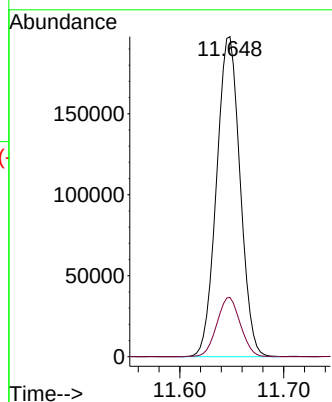
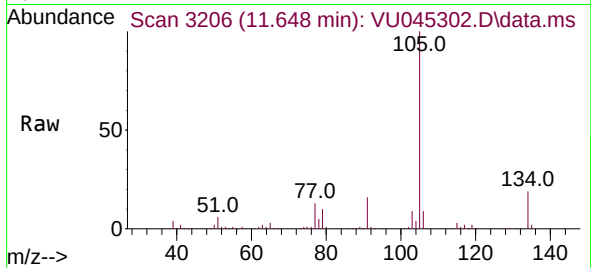




#79
 sec-Butylbenzene
 Concen: 4.822 ug/l
 RT: 11.648 min Scan# 3206
 Delta R.T. 0.000 min
 Lab File: VU045302.D
 Acq: 13 Oct 2021 11:05

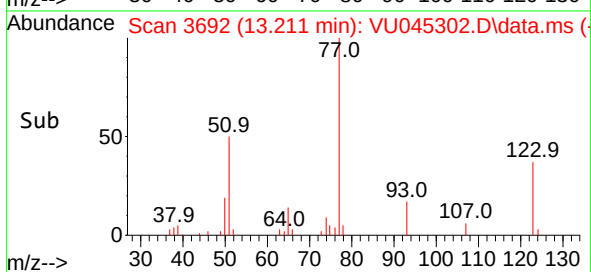
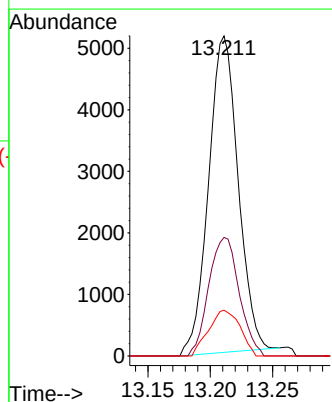
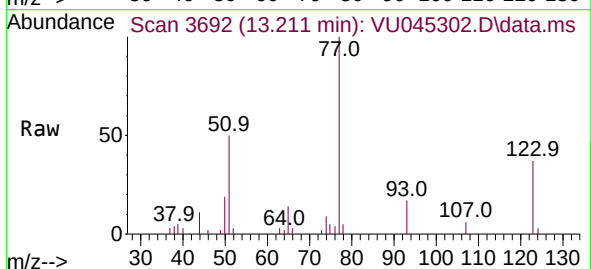
Instrument :
 MSVOA_U
 ClientSampled :

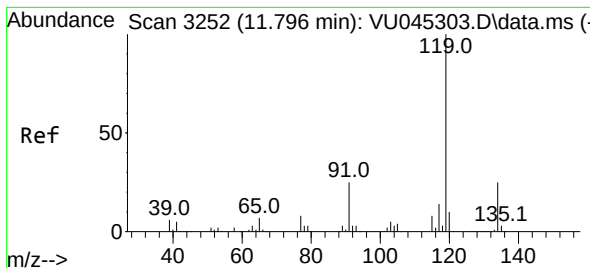
Tgt Ion:105 Resp: 310865
 Ion Ratio Lower Upper
 105 100
 134 18.5 15.4 23.0



#80
 Nitrobenzene
 Concen: 27.772 ug/l
 RT: 13.211 min Scan# 3692
 Delta R.T. 0.000 min
 Lab File: VU045302.D
 Acq: 13 Oct 2021 11:05

Tgt Ion: 77 Resp: 8493
 Ion Ratio Lower Upper
 77 100
 123 38.5 18.2 64.4
 65 15.4 12.0 15.2#

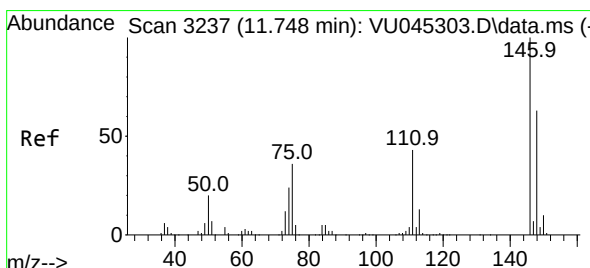
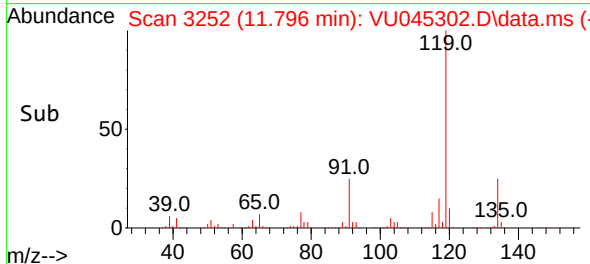
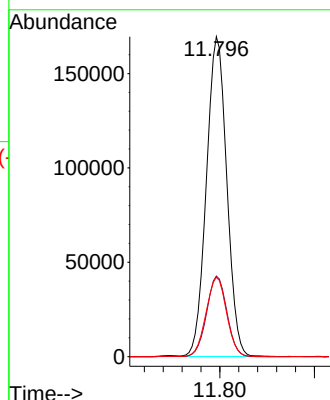
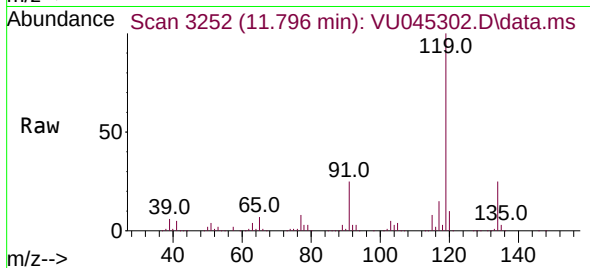




#81
p-Isopropyltoluene
Concen: 4.822 ug/l
RT: 11.796 min Scan# 3252
Delta R.T. 0.000 min
Lab File: VU045302.D
Acq: 13 Oct 2021 11:05

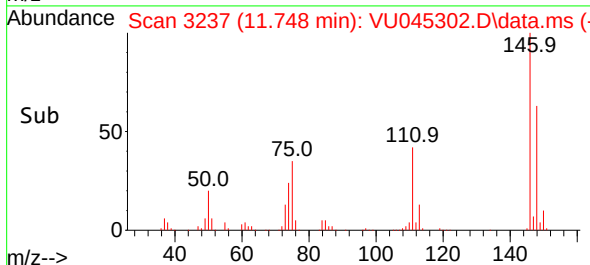
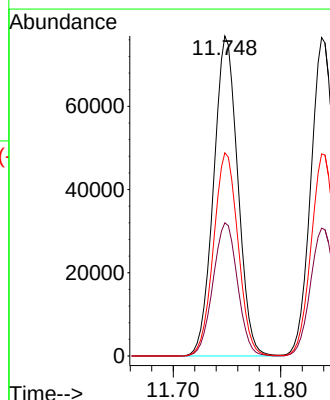
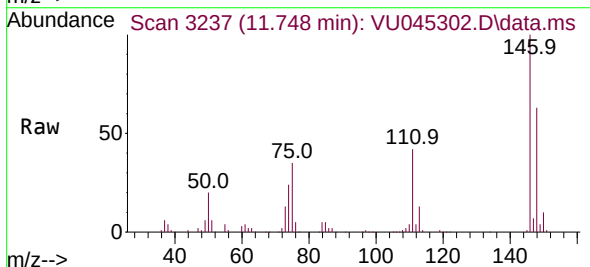
Instrument :
MSVOA_U
ClientSampleId :

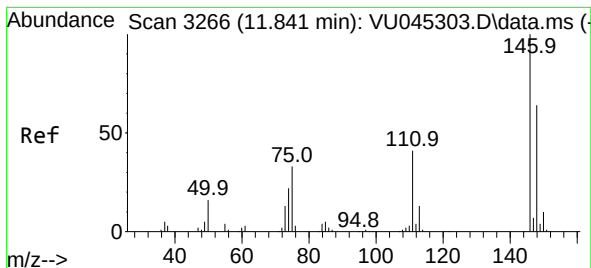
Tgt Ion:119 Resp: 253358
Ion Ratio Lower Upper
119 100
134 25.1 20.2 30.4
91 25.0 19.9 29.9



#82
1,3-Dichlorobenzene
Concen: 4.300 ug/l
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU045302.D
Acq: 13 Oct 2021 11:05

Tgt Ion:146 Resp: 120379
Ion Ratio Lower Upper
146 100
111 42.1 33.9 50.9
148 64.3 50.9 76.3





#83

1,4-Dichlorobenzene

Concen: 4.238 ug/l

RT: 11.838 min Scan# 3265

Delta R.T. -0.003 min

Lab File: VU045302.D

Acq: 13 Oct 2021 11:05

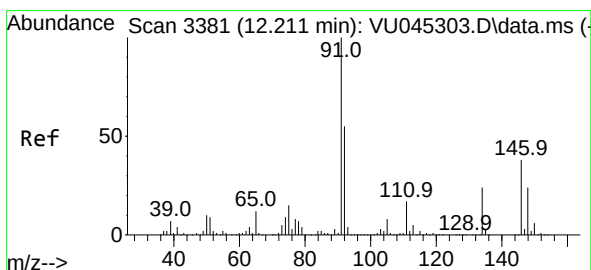
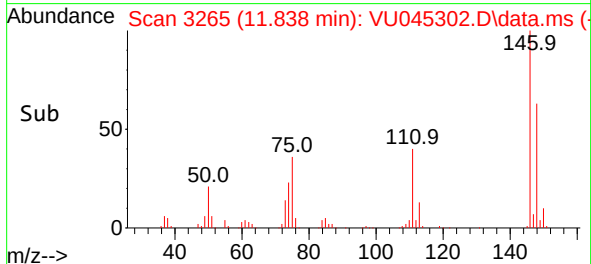
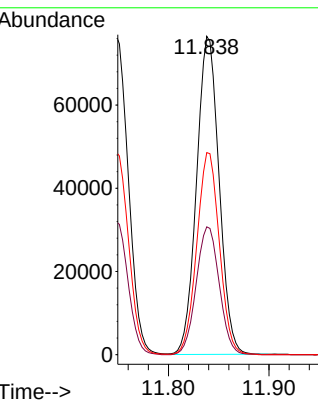
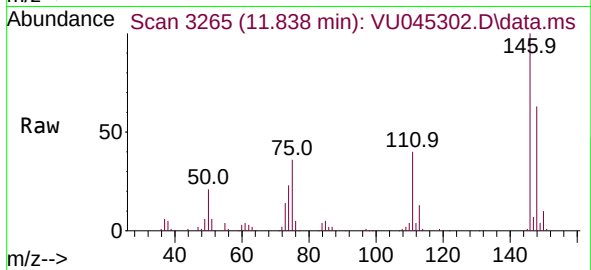
Tgt Ion:146 Resp: 118909

Ion Ratio Lower Upper

146 100

111 41.2 32.7 49.1

148 63.7 51.4 77.0



#84

n-Butylbenzene

Concen: 4.784 ug/l

RT: 12.211 min Scan# 3381

Delta R.T. 0.000 min

Lab File: VU045302.D

Acq: 13 Oct 2021 11:05

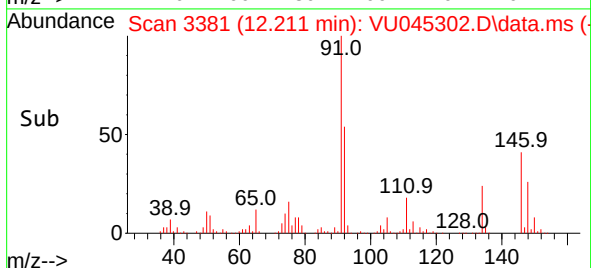
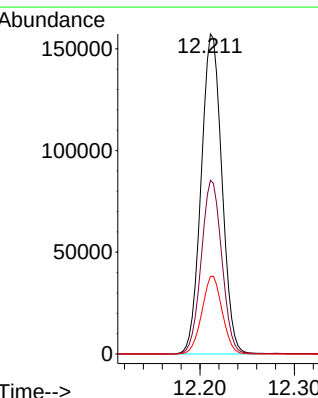
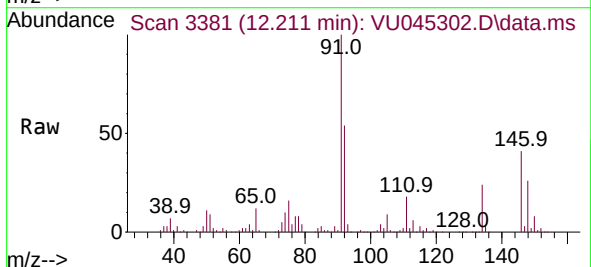
Tgt Ion: 91 Resp: 239420

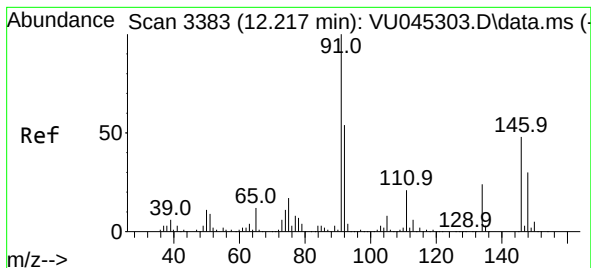
Ion Ratio Lower Upper

91 100

92 53.9 43.5 65.3

134 23.8 19.0 28.4





#85

1,2-Dichlorobenzene

Concen: 4.048 ug/l

RT: 12.217 min Scan# 3383

Delta R.T. 0.000 min

Lab File: VU045302.D

Acq: 13 Oct 2021 11:05

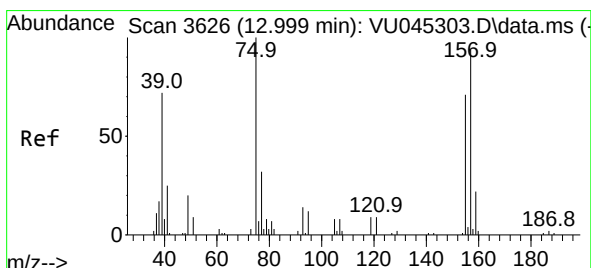
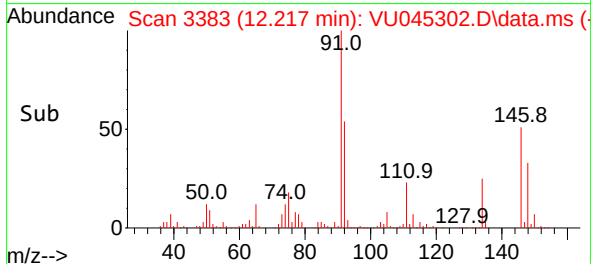
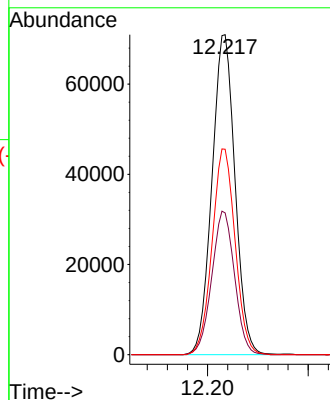
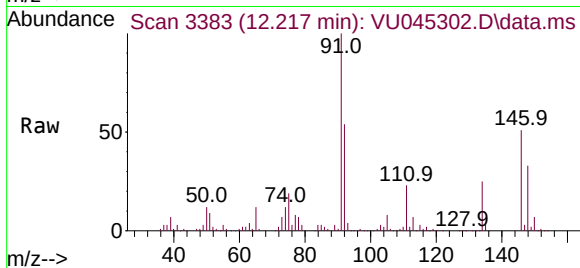
Tgt Ion:146 Resp: 112862

Ion Ratio Lower Upper

146 100

111 44.3 22.1 66.1

148 64.2 31.6 94.7



#86

1,2-Dibromo-3-Chloropropane

Concen: 5.283 ug/l

RT: 12.999 min Scan# 3626

Delta R.T. 0.000 min

Lab File: VU045302.D

Acq: 13 Oct 2021 11:05

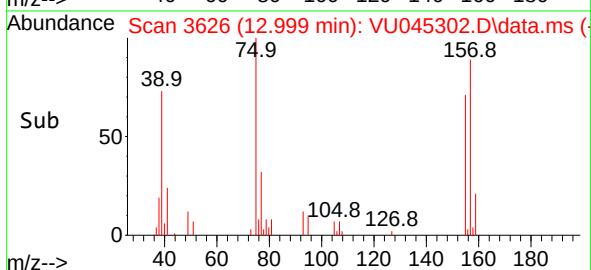
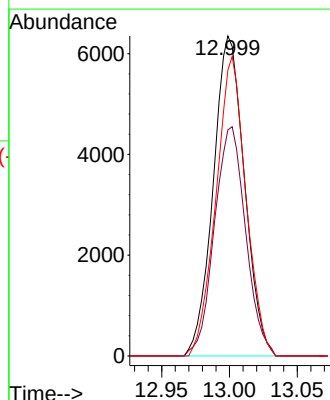
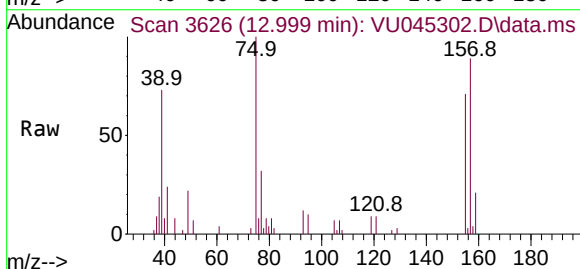
Tgt Ion: 75 Resp: 10161

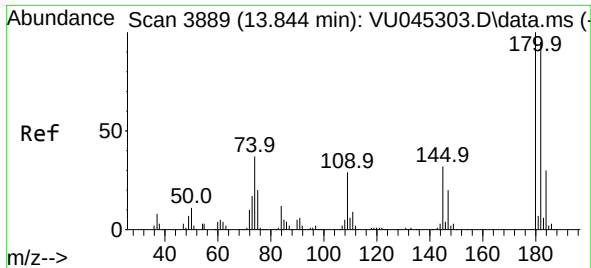
Ion Ratio Lower Upper

75 100

155 71.7 57.8 86.8

157 89.4 75.1 112.7

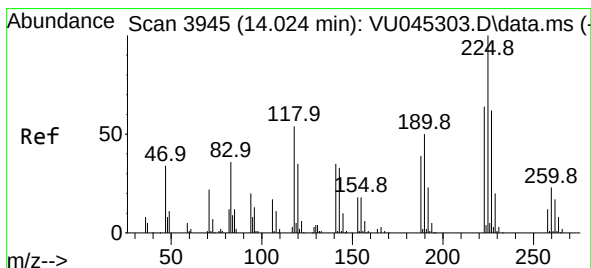
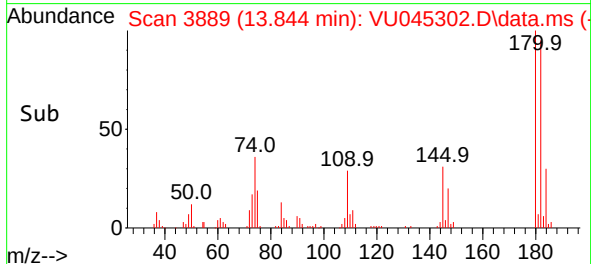
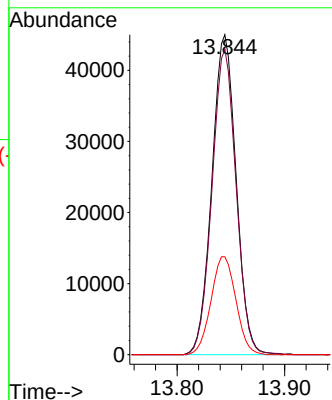
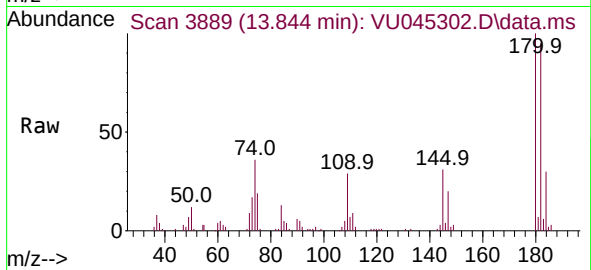




#87
1,2,4-Trichlorobenzene
Concen: 4.053 ug/l
RT: 13.844 min Scan# 3889
Delta R.T. 0.000 min
Lab File: VU045302.D
Acq: 13 Oct 2021 11:05

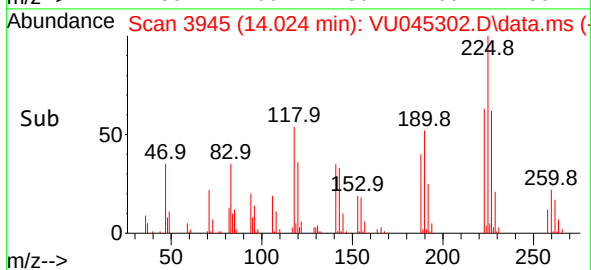
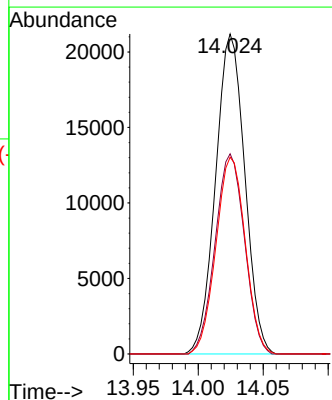
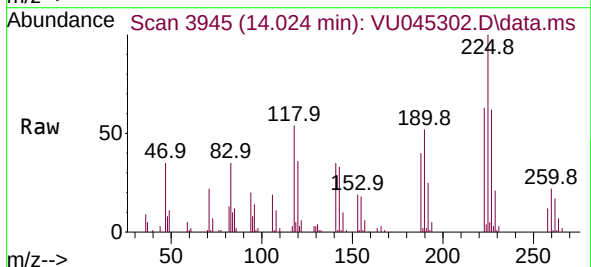
Instrument :
MSVOA_U
ClientSampled :

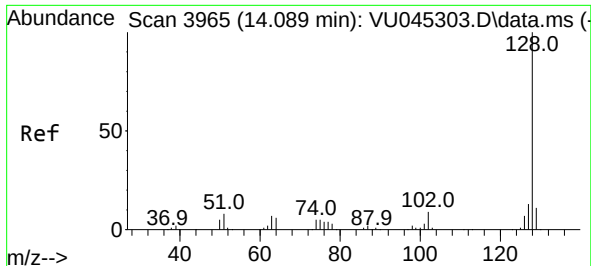
Tgt Ion:180 Resp: 70415
Ion Ratio Lower Upper
180 100
182 94.9 75.8 113.8
145 31.5 25.3 37.9



#88
Hexachlorobutadiene
Concen: 3.468 ug/l
RT: 14.024 min Scan# 3945
Delta R.T. 0.000 min
Lab File: VU045302.D
Acq: 13 Oct 2021 11:05

Tgt Ion:225 Resp: 33104
Ion Ratio Lower Upper
225 100
223 62.8 51.1 76.7
227 61.6 49.9 74.9

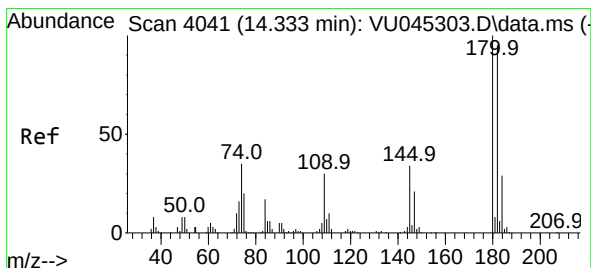
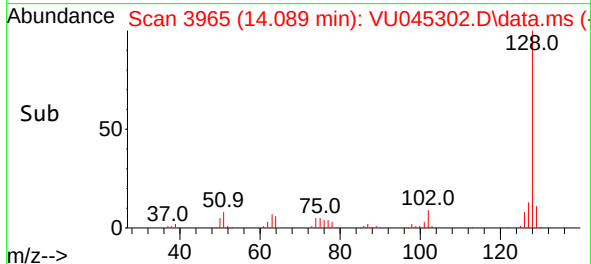
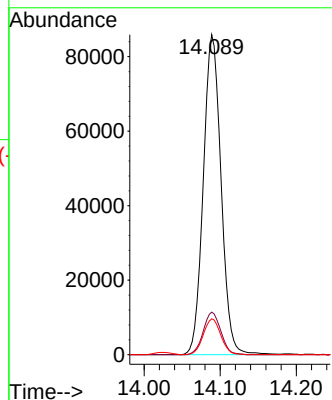
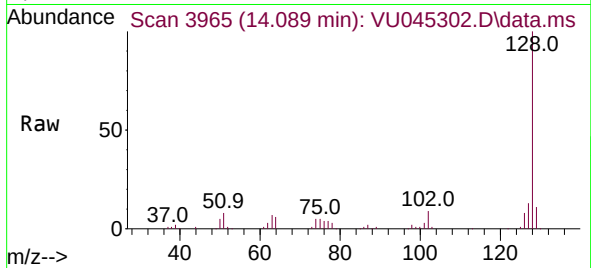




#89
Naphthalene
Concen: 4.134 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VU045302.D
Acq: 13 Oct 2021 11:05

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:128 Resp: 139442
Ion Ratio Lower Upper
128 100
127 13.2 10.6 16.0
129 11.0 8.6 13.0



#90
1,2,3-Trichlorobenzene
Concen: 3.917 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VU045302.D
Acq: 13 Oct 2021 11:05

Tgt Ion:180 Resp: 65732
Ion Ratio Lower Upper
180 100
182 96.4 75.4 113.0
145 33.9 27.0 40.4

