

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112221\
 Data File : VU045933.D
 Acq On : 22 Nov 2021 23:31
 Operator : SY/MD
 Sample : VU1122WBS02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 23 05:21:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 05 13:35:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.379	168	100225	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	173547	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	173698	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	91816	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	76986	51.290	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.580%	
35) Dibromofluoromethane	5.292	113	59425	51.287	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.580%	
50) Toluene-d8	7.899	98	232783	54.028	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 108.060%	
62) 4-Bromofluorobenzene	10.632	95	90752	52.527	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 105.060%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	27179	20.915	ug/l	99
3) Chloromethane	1.520	50	26640	17.917	ug/l	100
4) Vinyl Chloride	1.607	62	28467	19.655	ug/l	100
5) Bromomethane	1.861	94	18590	23.012	ug/l	98
6) Chloroethane	1.938	64	17412	18.421	ug/l	99
7) Trichlorofluoromethane	2.144	101	39270	20.504	ug/l	97
8) Diethyl Ether	2.379	74	15327	20.217	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.584	101	22422	20.049	ug/l	96
10) Methyl Iodide	2.729	142	20742	14.173	ug/l	92
11) Tert butyl alcohol	3.192	59	2850	9.593	ug/l #	72
12) 1,1-Dichloroethene	2.584	96	22245	20.174	ug/l	95
13) Acrolein	2.504	56	4577	106.312	ug/l	91
14) Allyl chloride	2.929	41	35508	18.035	ug/l	95
15) Acrylonitrile	3.327	53	89976	113.433	ug/l	99
16) Acetone	2.658	43	74952	98.095	ug/l	96
17) Carbon Disulfide	2.800	76	61394	19.878	ug/l	99
18) Methyl Acetate	2.961	43	51691	19.862	ug/l	99
19) Methyl tert-butyl Ether	3.366	73	78221	19.707	ug/l	95
20) Methylene Chloride	3.051	84	26532	19.984	ug/l	93
21) trans-1,2-Dichloroethene	3.356	96	24620	21.462	ug/l	88
22) Diisopropyl ether	3.993	45	75143	19.437	ug/l #	80
23) Vinyl Acetate	3.961	43	294799	99.149	ug/l	98
24) 1,1-Dichloroethane	3.874	63	46640	20.246	ug/l	100
25) 2-Butanone	4.719	43	112069	105.751	ug/l	99
26) 2,2-Dichloropropane	4.671	77	34378	18.009	ug/l	99
27) cis-1,2-Dichloroethene	4.671	96	27749	20.595	ug/l	96
28) Bromochloromethane	4.980	49	30808	28.051	ug/l	89
29) Tetrahydrofuran	5.063	42	72089	111.210	ug/l	97
30) Chloroform	5.092	83	46643	20.472	ug/l	99
31) Cyclohexane	5.391	56	40610	18.543	ug/l	92
32) 1,1,1-Trichloroethane	5.321	97	40466	20.827	ug/l	97
36) 1,1-Dichloropropene	5.530	75	34898	20.623	ug/l	99
37) Ethyl Acetate	4.806	43	43334	22.293	ug/l	98
38) Carbon Tetrachloride	5.530	117	34374	20.149	ug/l	96
39) Methylcyclohexane	6.768	83	39694	19.120	ug/l	94
40) Benzene	5.777	78	101279	20.215	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	22450	21.854	ug/l	98
42) 1,2-Dichloroethane	5.797	62	37474	20.708	ug/l	99
43) Isopropyl Acetate	5.912	43	58643	19.724	ug/l	97
44) Trichloroethene	6.546	130	27224	22.701	ug/l	94
45) 1,2-Dichloropropane	6.793	63	26572	20.044	ug/l	98
46) Dibromomethane	6.922	93	19265	20.974	ug/l	96
47) Bromodichloromethane	7.108	83	36200	20.771	ug/l	96
48) Methyl methacrylate	6.960	41	26288	19.210	ug/l	94
49) 1,4-Dioxane	7.054	88	5870	166.796	ug/l #	93
51) 4-Methyl-2-Pentanone	7.793	43	205900	104.981	ug/l	98
52) Toluene	7.970	92	65350	21.306	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	39053	19.497	ug/l	98
54) cis-1,3-Dichloropropene	7.610	75	41916	19.702	ug/l	94
55) 1,1,2-Trichloroethane	8.401	97	26916	21.173	ug/l	99
56) Ethyl methacrylate	8.333	69	38752	18.596	ug/l	93
57) 1,3-Dichloropropane	8.578	76	46717	20.404	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.465	63	131659	112.497	ug/l	97
59) 2-Hexanone	8.687	43	157382	96.975	ug/l	100
60) Dibromochloromethane	8.813	129	27708	20.932	ug/l	100
61) 1,2-Dibromoethane	8.925	107	28425	20.848	ug/l	98
64) Tetrachloroethene	8.555	164	26233	26.313	ug/l	96
65) Chlorobenzene	9.449	112	68010	19.933	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.536	131	23835	19.587	ug/l	98
67) Ethyl Benzene	9.571	91	122009	19.969	ug/l	100
68) m/p-Xylenes	9.697	106	96077	41.695	ug/l	98
69) o-Xylene	10.102	106	45829	20.457	ug/l	100
70) Styrene	10.115	104	76556	20.200	ug/l	99
71) Bromoform	10.292	173	20404	19.709	ug/l #	99
73) Isopropylbenzene	10.484	105	121126	20.190	ug/l	99
74) N-amyl acetate	10.320	43	41932	15.494	ug/l	94
75) 1,1,2,2-Tetrachloroethane	10.783	83	45790	19.265	ug/l	99
76) 1,2,3-Trichloropropane	10.825	75	51501	18.496	ug/l	92
77) Bromobenzene	10.783	156	30107	20.670	ug/l	92
78) n-propylbenzene	10.906	91	148077	19.832	ug/l	99
79) 2-Chlorotoluene	10.986	91	88943	20.162	ug/l	99
80) 1,3,5-Trimethylbenzene	11.089	105	103257	19.700	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.546	75	11727	15.964	ug/l	96
82) 4-Chlorotoluene	11.099	91	103695	20.044	ug/l	97
83) tert-Butylbenzene	11.423	119	94688	18.951	ug/l	99
84) 1,2,4-Trimethylbenzene	11.468	105	101798	19.541	ug/l	100
85) sec-Butylbenzene	11.645	105	129347	19.519	ug/l	99
86) p-Isopropyltoluene	11.793	119	106863	19.298	ug/l	99
87) 1,3-Dichlorobenzene	11.745	146	57522	19.573	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	58539	19.695	ug/l	98
89) n-Butylbenzene	12.211	91	95717	17.944	ug/l	99
90) Hexachloroethane	12.475	117	15452	15.468	ug/l	95
91) 1,2-Dichlorobenzene	12.214	146	56835	19.878	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.996	75	10243	18.264	ug/l	92
93) 1,2,4-Trichlorobenzene	13.841	180	36942	18.686	ug/l	98
94) Hexachlorobutadiene	14.021	225	16095	18.860	ug/l	100
95) Naphthalene	14.086	128	131239	18.324	ug/l	99
96) 1,2,3-Trichlorobenzene	14.330	180	38214	19.461	ug/l	99

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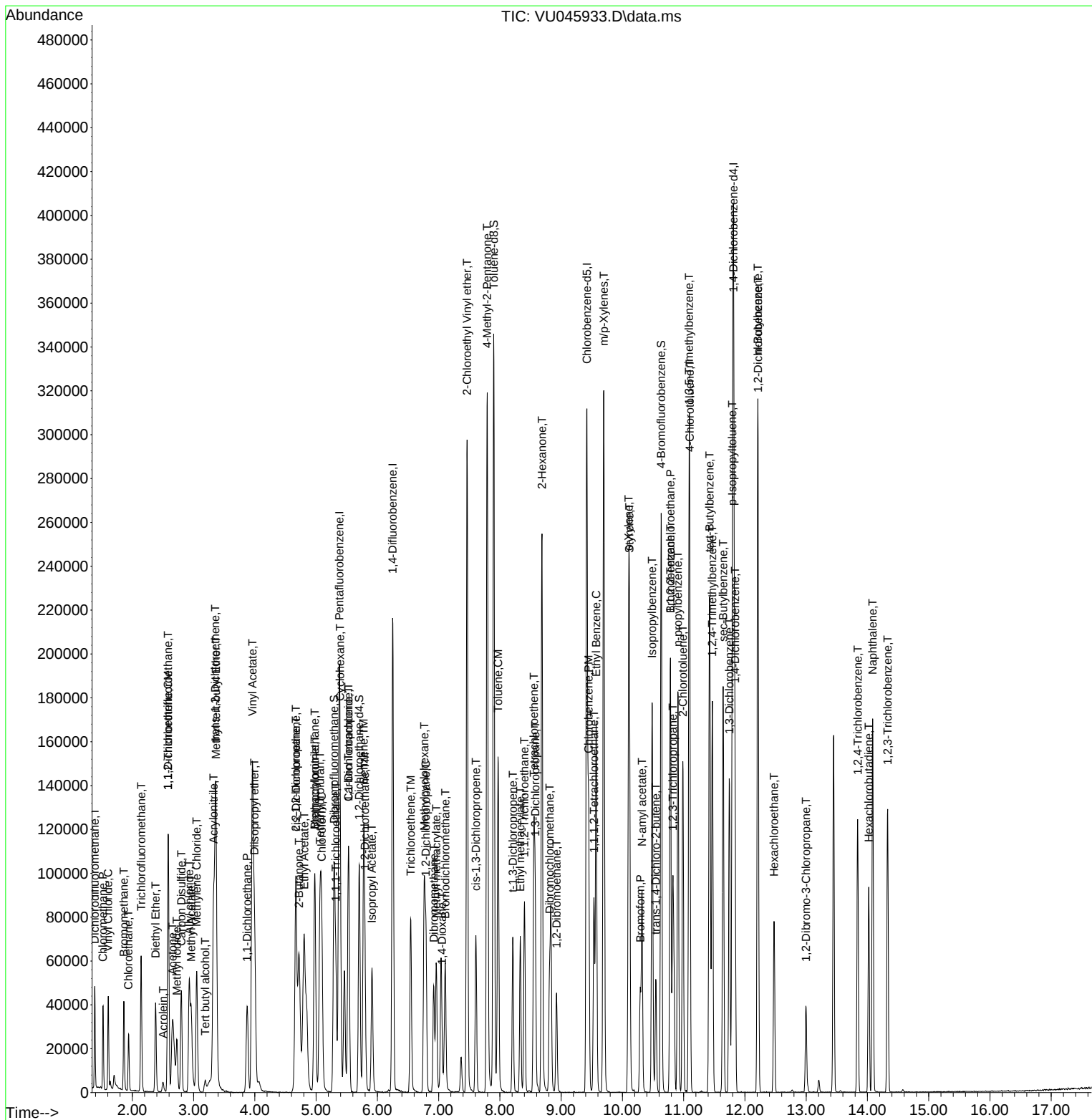
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MSVOA_U
ClientSampleId :

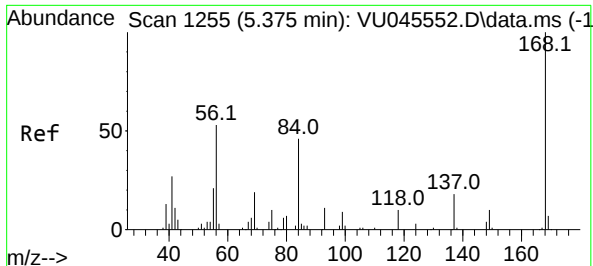
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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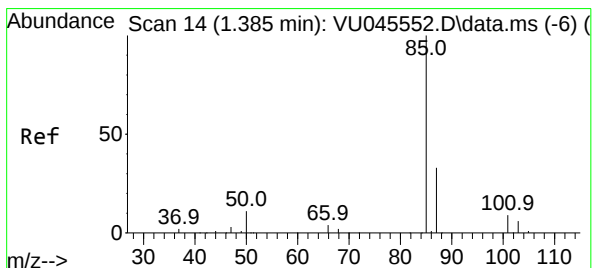
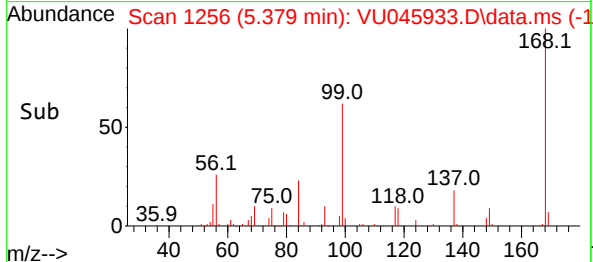
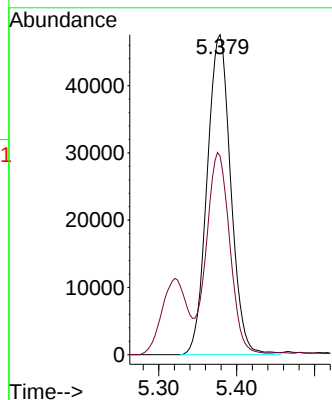
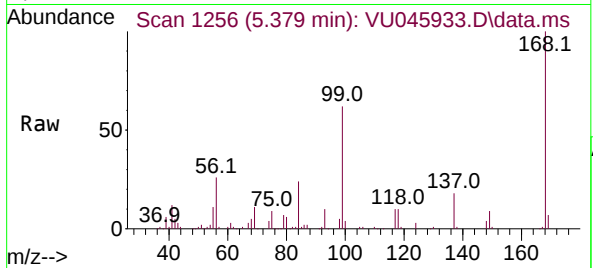




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 11
Delta R.T. 0.004 min
Lab File: VU045933.D
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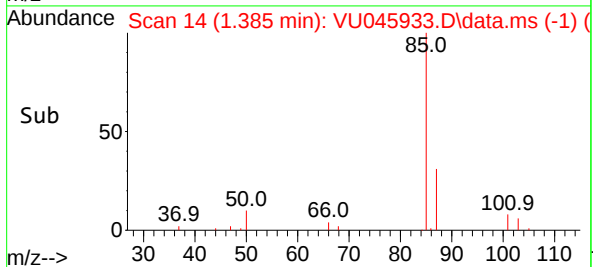
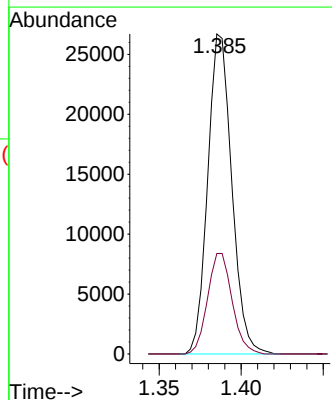
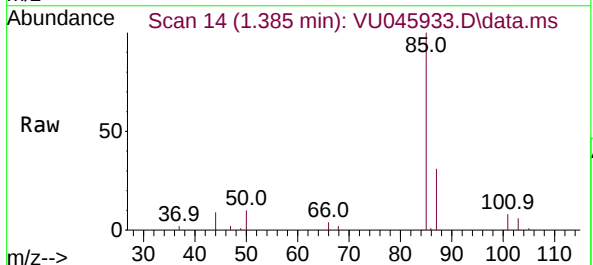
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ClientSampleId :

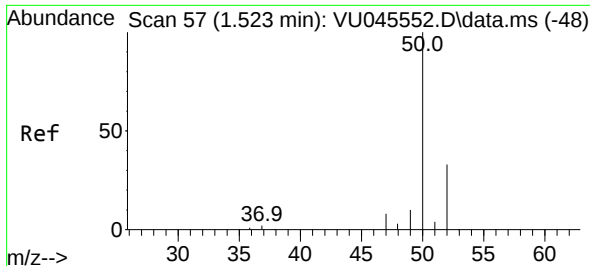
Tgt Ion:168 Resp: 100225
Ion Ratio Lower Upper
168 100
99 61.4 51.0 76.6



#2
Dichlorodifluoromethane
Concen: 20.915 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU045933.D
Acq: 22 Nov 2021 23:31

Tgt Ion: 85 Resp: 27179
Ion Ratio Lower Upper
85 100
87 31.4 15.9 47.7

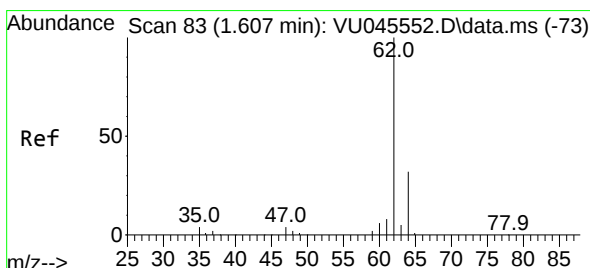
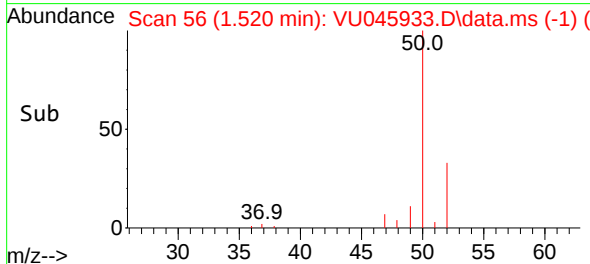
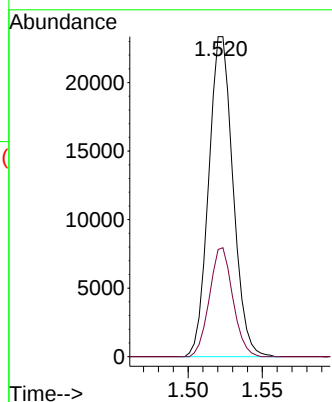
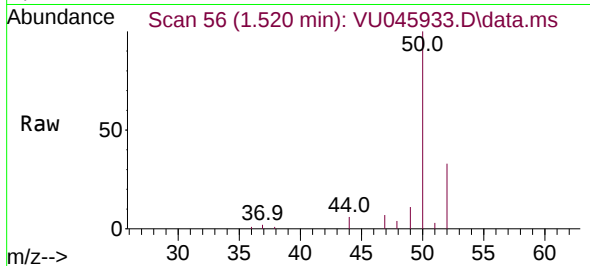




#3
Chloromethane
Concen: 17.917 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.003 min
Lab File: VU045933.D
Acq: 22 Nov 2021 23:31

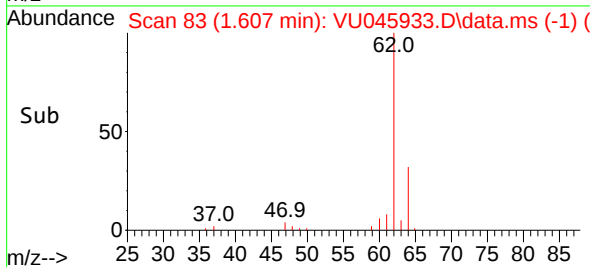
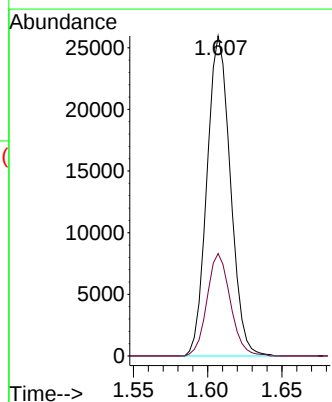
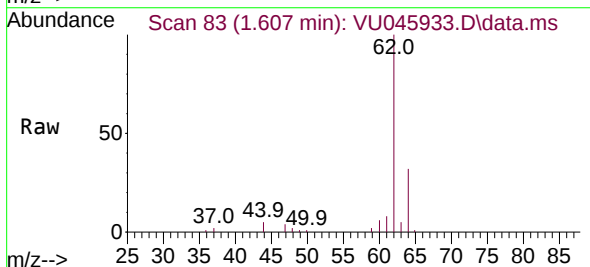
Instrument :
MSVOA_U
ClientSampleId :

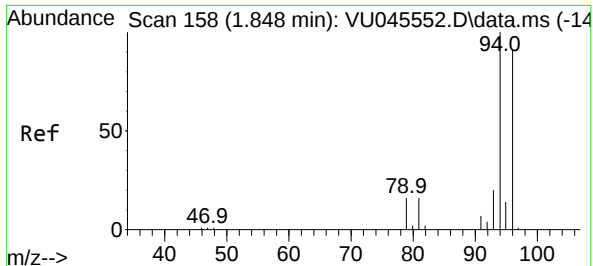
Tgt Ion: 50 Resp: 26640
Ion Ratio Lower Upper
50 100
52 33.5 26.6 40.0



#4
Vinyl Chloride
Concen: 19.655 ug/l
RT: 1.607 min Scan# 83
Delta R.T. 0.000 min
Lab File: VU045933.D
Acq: 22 Nov 2021 23:31

Tgt Ion: 62 Resp: 28467
Ion Ratio Lower Upper
62 100
64 32.0 25.8 38.6

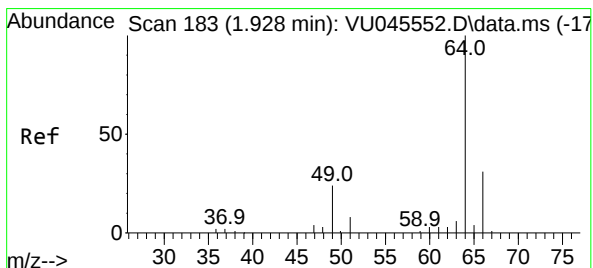
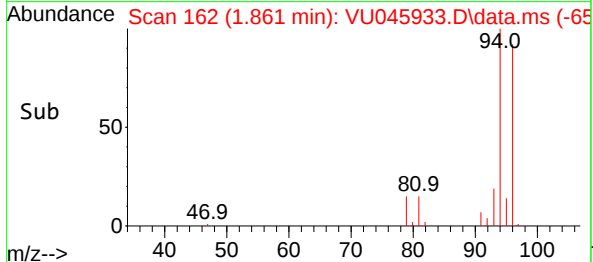
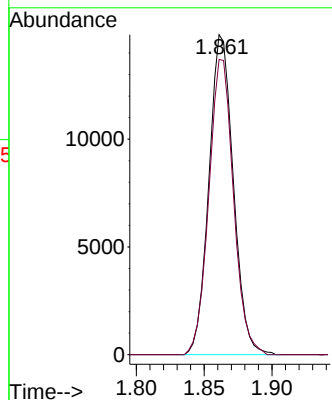
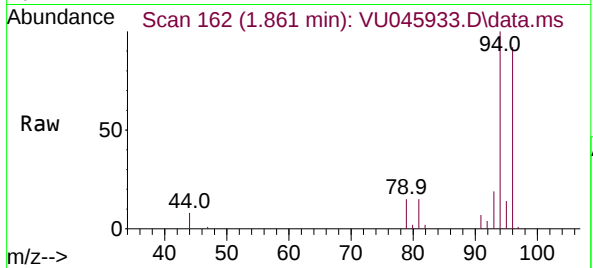




#5
Bromomethane
Concen: 23.012 ug/l
RT: 1.861 min Scan# 1
Delta R.T. 0.013 min
Lab File: VU045933.D
Acq: 22 Nov 2021 23:31

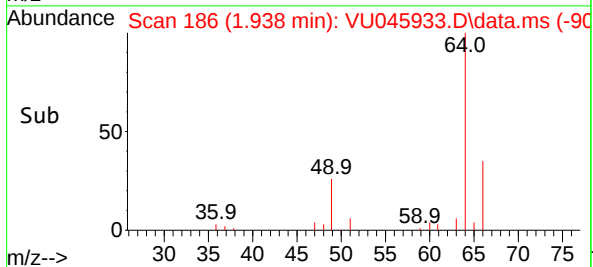
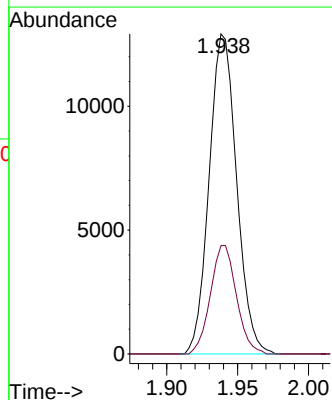
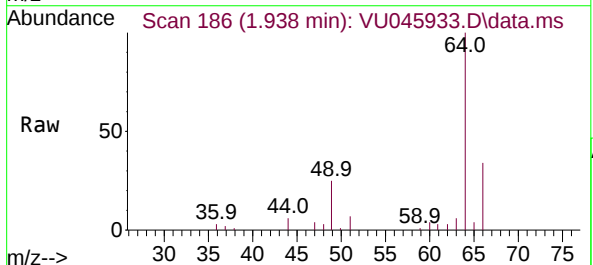
Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 94 Resp: 18590
Ion Ratio Lower Upper
94 100
96 92.2 75.4 113.2



#6
Chloroethane
Concen: 18.421 ug/l
RT: 1.938 min Scan# 186
Delta R.T. 0.010 min
Lab File: VU045933.D
Acq: 22 Nov 2021 23:31

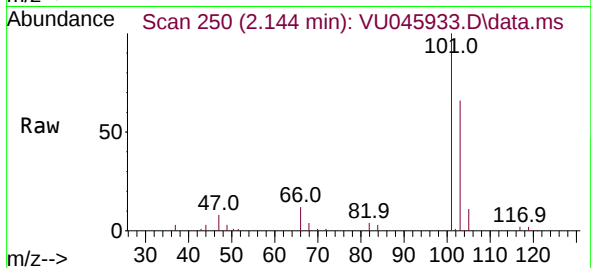
Tgt Ion: 64 Resp: 17412
Ion Ratio Lower Upper
64 100
66 33.8 26.7 40.1



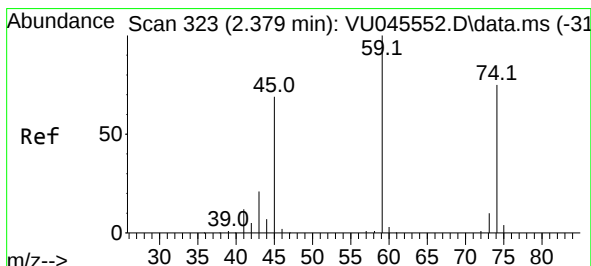
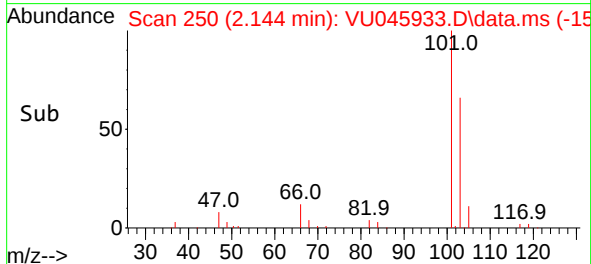
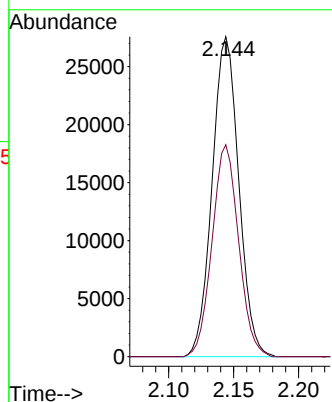


#7
 Trichlorofluoromethane
 Concen: 20.504 ug/l
 RT: 2.144 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VU045933.D
 Acq: 22 Nov 2021 23:31

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 ClientSampleId :

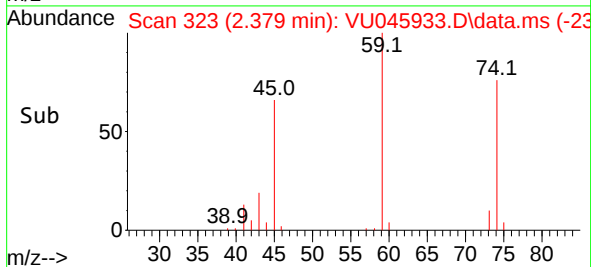
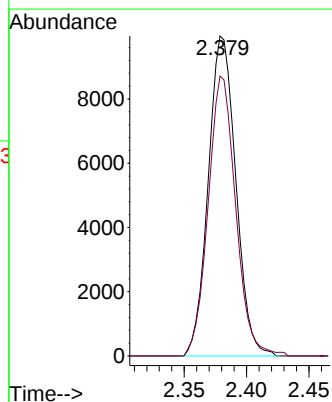
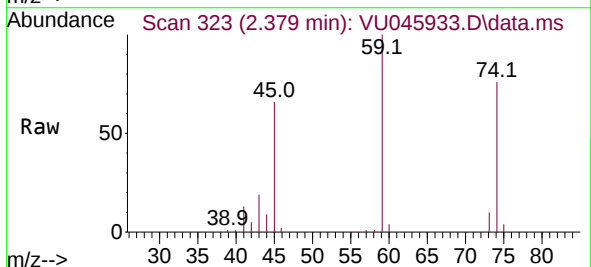


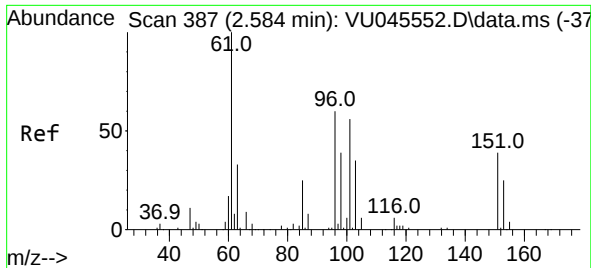
Tgt Ion:101 Resp: 39270
 Ion Ratio Lower Upper
 101 100
 103 66.3 51.4 77.0



#8
 Diethyl Ether
 Concen: 20.217 ug/l
 RT: 2.379 min Scan# 323
 Delta R.T. 0.000 min
 Lab File: VU045933.D
 Acq: 22 Nov 2021 23:31

Tgt Ion: 74 Resp: 15327
 Ion Ratio Lower Upper
 74 100
 45 87.5 47.3 141.8

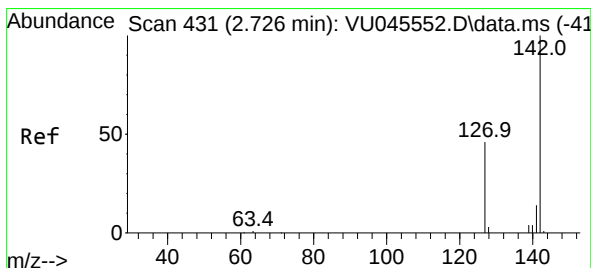
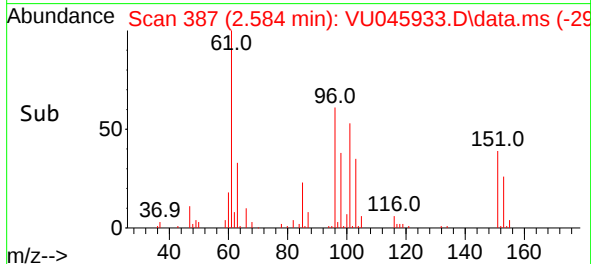
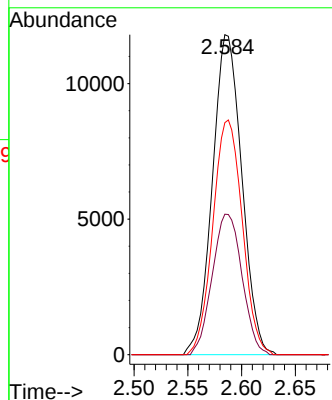
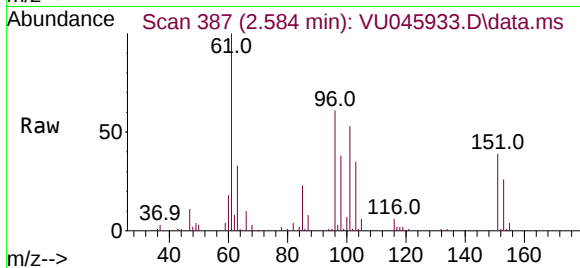




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.049 ug/l
RT: 2.584 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU045933.D
Acq: 22 Nov 2021 23:31

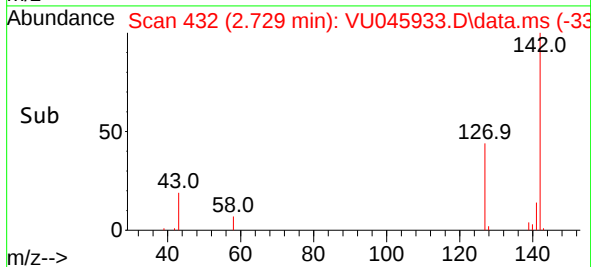
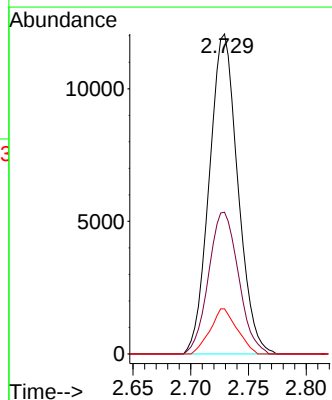
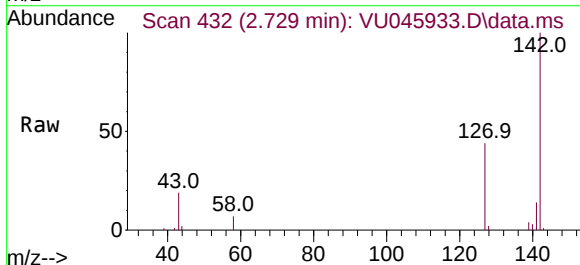
Instrument :
MSVOA_U
ClientSampleId :

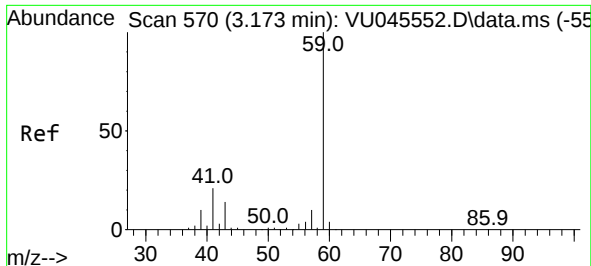
Tgt Ion:	101	Resp:	22422
Ion	Ratio	Lower	Upper
101	100		
85	44.5	35.0	52.4
151	73.5	54.6	82.0



#10
Methyl Iodide
Concen: 14.173 ug/l
RT: 2.729 min Scan# 432
Delta R.T. 0.003 min
Lab File: VU045933.D
Acq: 22 Nov 2021 23:31

Tgt Ion:	142	Resp:	20742
Ion	Ratio	Lower	Upper
142	100		
127	46.4	32.2	48.2
141	13.3	11.3	16.9

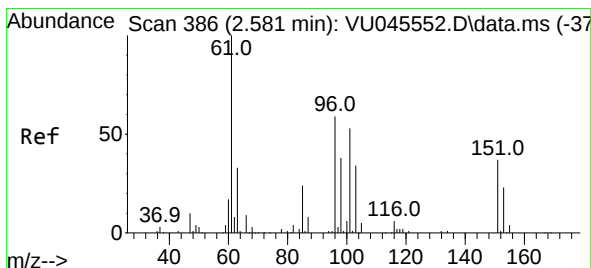
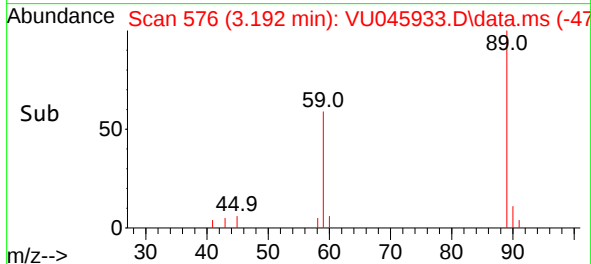
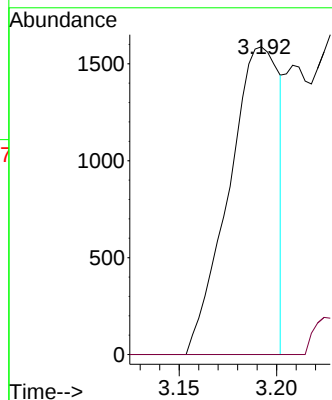
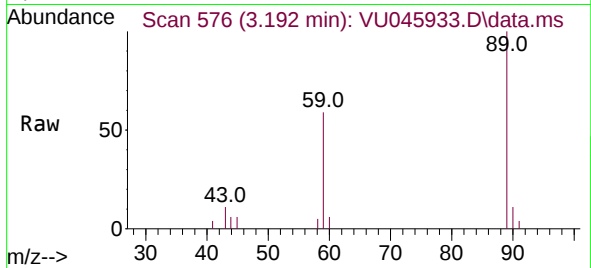




#11
Tert butyl alcohol
Concen: 9.593 ug/l
RT: 3.192 min Scan# 51
Delta R.T. 0.019 min
Lab File: VU045933.D
Acq: 22 Nov 2021 23:31

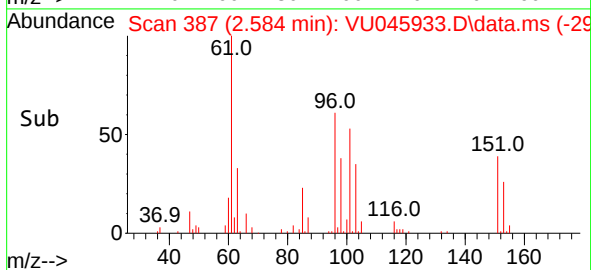
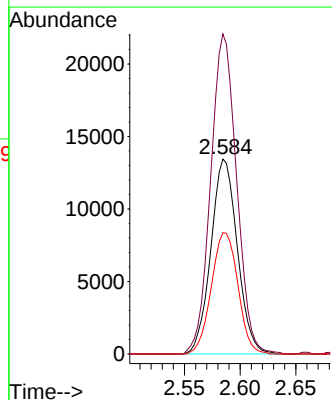
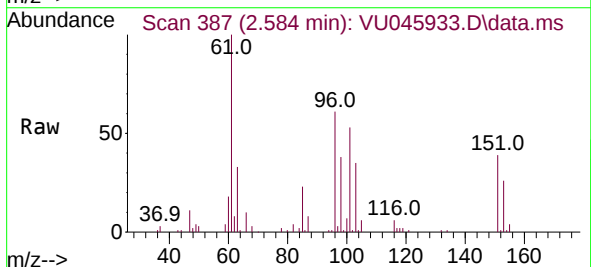
Instrument :
MSVOA_U
ClientSampleId :

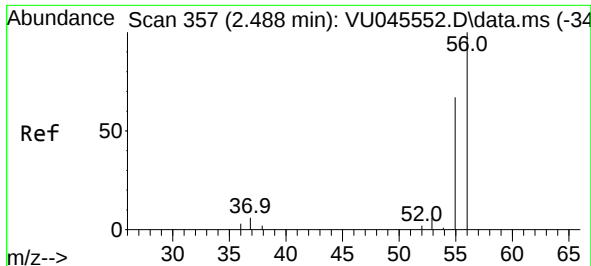
Tgt Ion: 59 Resp: 2850
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#12
1,1-Dichloroethene
Concen: 20.174 ug/l
RT: 2.584 min Scan# 387
Delta R.T. 0.003 min
Lab File: VU045933.D
Acq: 22 Nov 2021 23:31

Tgt Ion: 96 Resp: 22245
Ion Ratio Lower Upper
96 100
61 164.2 137.1 205.7
98 62.3 51.5 77.3

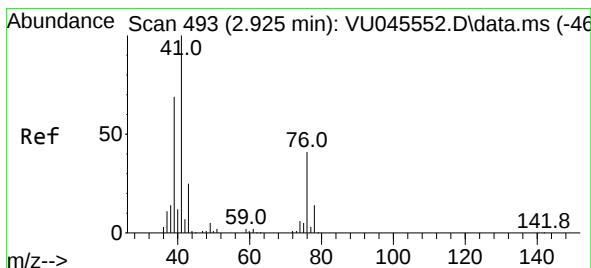
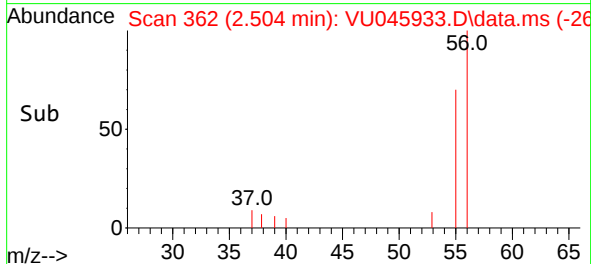
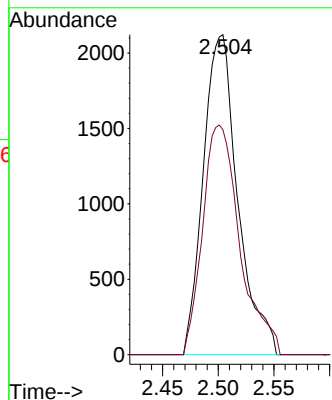
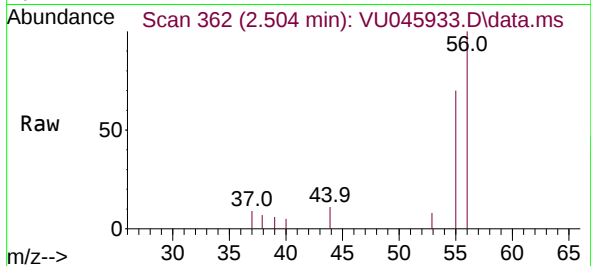




#13
Acrolein
Concen: 106.312 ug/l
RT: 2.504 min Scan# 30
Delta R.T. 0.016 min
Lab File: VU045933.D
Acq: 22 Nov 2021 23:31

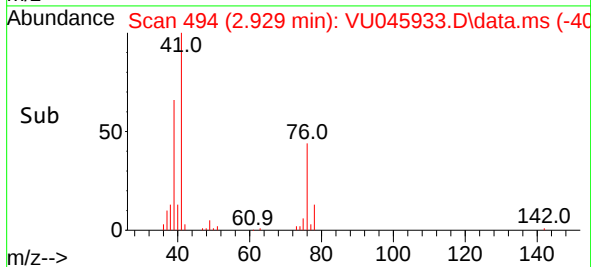
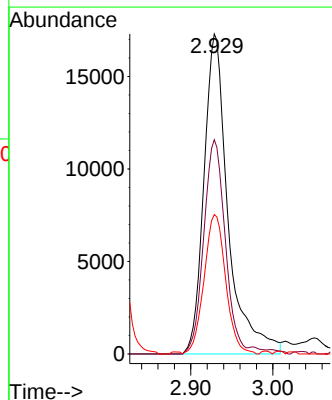
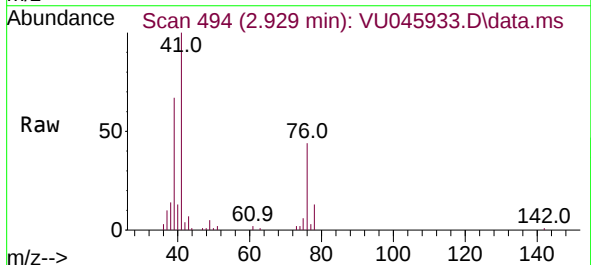
Instrument :
MSVOA_U
ClientSampleId :

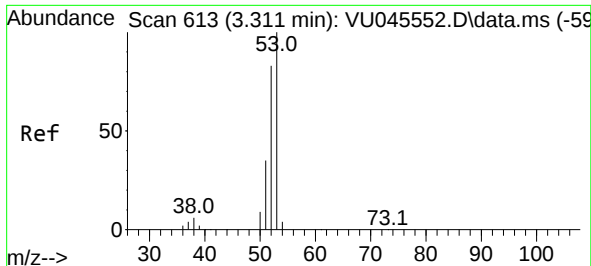
Tgt Ion: 56 Resp: 4577
Ion Ratio Lower Upper
56 100
55 77.5 56.3 84.5



#14
Allyl chloride
Concen: 18.035 ug/l
RT: 2.929 min Scan# 494
Delta R.T. 0.003 min
Lab File: VU045933.D
Acq: 22 Nov 2021 23:31

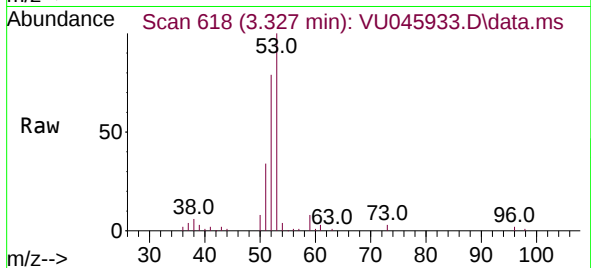
Tgt Ion: 41 Resp: 35508
Ion Ratio Lower Upper
41 100
39 59.2 49.7 74.5
76 38.9 27.7 41.5





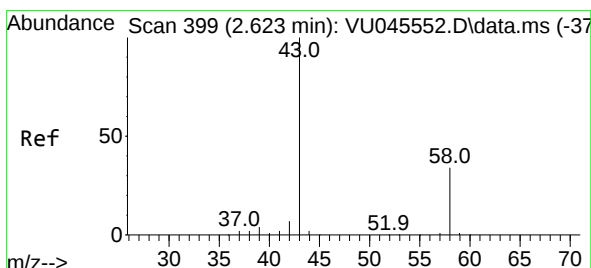
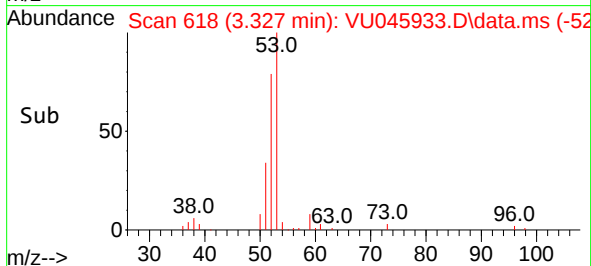
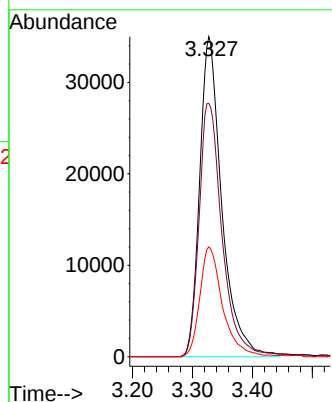
#15
Acrylonitrile
Concen: 113.433 ug/l
RT: 3.327 min Scan# 613
Delta R.T. 0.016 min
Lab File: VU045933.D
Acq: 22 Nov 2021 23:31

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 53 Resp: 89976

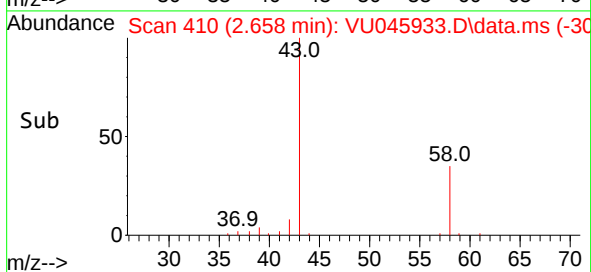
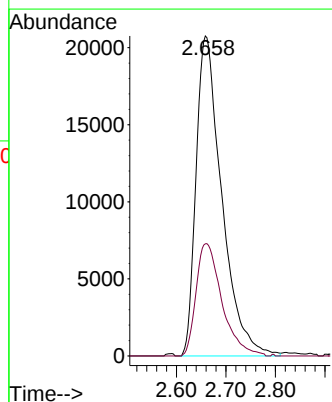
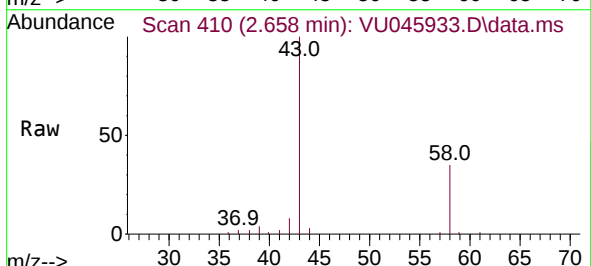
Ion	Ratio	Lower	Upper
53	100		
52	82.4	66.6	100.0
51	35.1	28.4	42.6

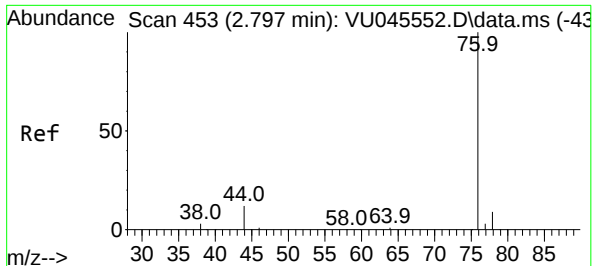


#16
Acetone
Concen: 98.095 ug/l
RT: 2.658 min Scan# 410
Delta R.T. 0.035 min
Lab File: VU045933.D
Acq: 22 Nov 2021 23:31

Tgt Ion: 43 Resp: 74952

Ion	Ratio	Lower	Upper
43	100		
58	35.1	26.2	39.2

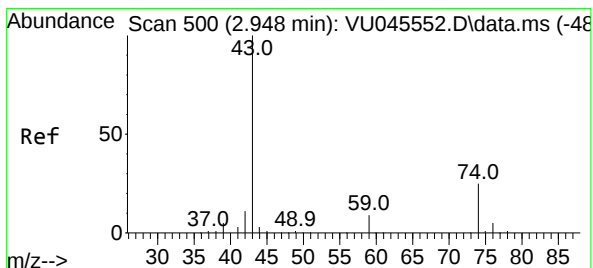
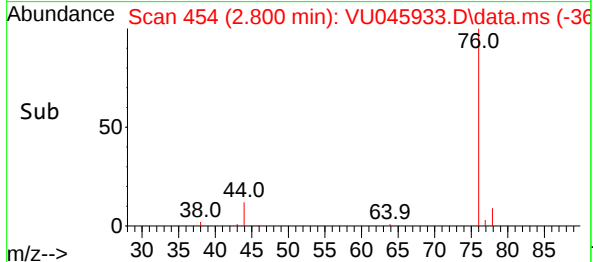
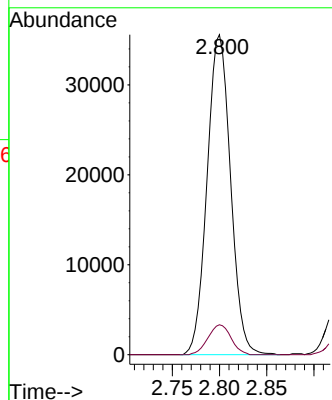
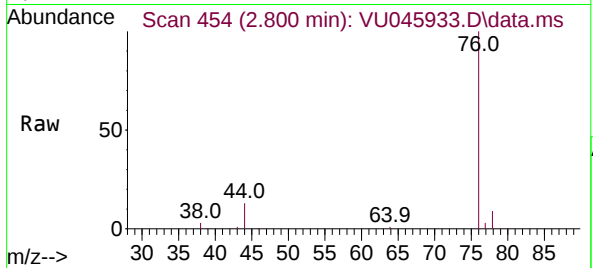




#17
Carbon Disulfide
Concen: 19.878 ug/l
RT: 2.800 min Scan# 41
Delta R.T. 0.003 min
Lab File: VU045933.D
Acq: 22 Nov 2021 23:31

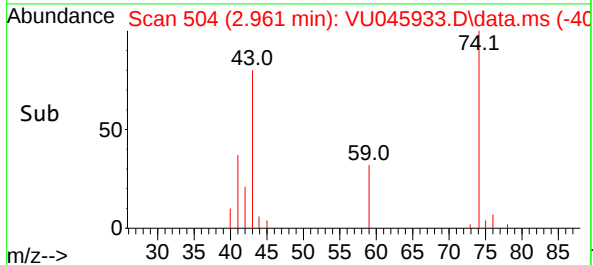
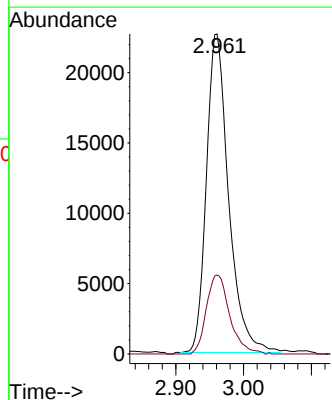
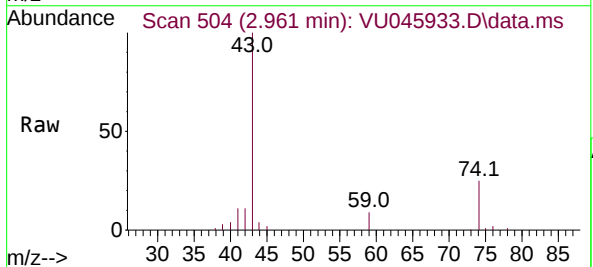
Instrument :
MSVOA_U
ClientSampleId :

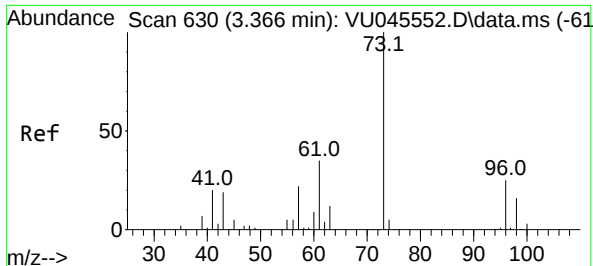
Tgt Ion: 76 Resp: 61394
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9



#18
Methyl Acetate
Concen: 19.862 ug/l
RT: 2.961 min Scan# 504
Delta R.T. 0.013 min
Lab File: VU045933.D
Acq: 22 Nov 2021 23:31

Tgt Ion: 43 Resp: 51691
Ion Ratio Lower Upper
43 100
74 25.9 20.2 30.2





#19

Methyl tert-butyl Ether

Concen: 19.707 ug/l

RT: 3.366 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU045933.D

Acq: 22 Nov 2021 23:31

Instrument :

MSVOA_U

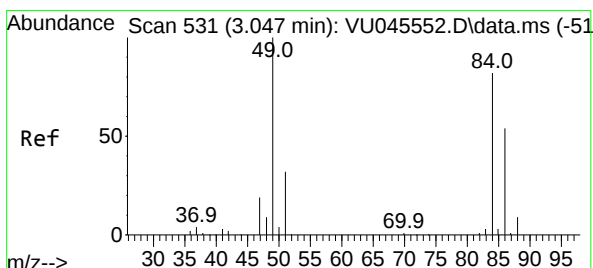
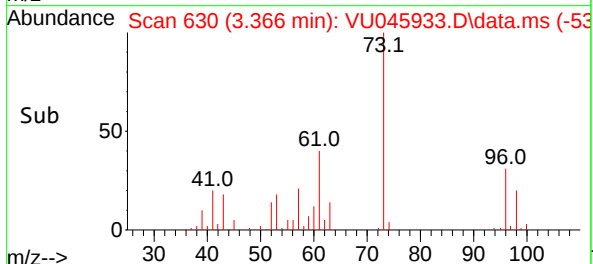
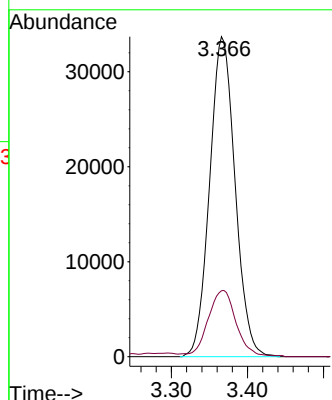
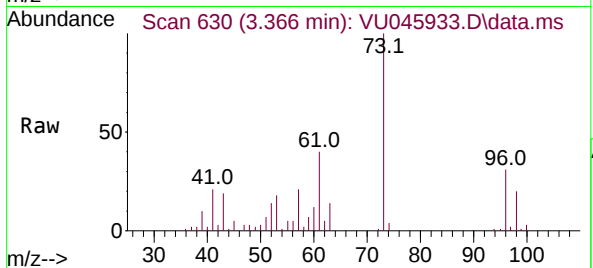
ClientSampleId :

Tgt Ion: 73 Resp: 78221

Ion Ratio Lower Upper

73 100

57 20.2 18.1 27.1



#20

Methylene Chloride

Concen: 19.984 ug/l

RT: 3.051 min Scan# 532

Delta R.T. 0.003 min

Lab File: VU045933.D

Acq: 22 Nov 2021 23:31

Tgt Ion: 84 Resp: 26532

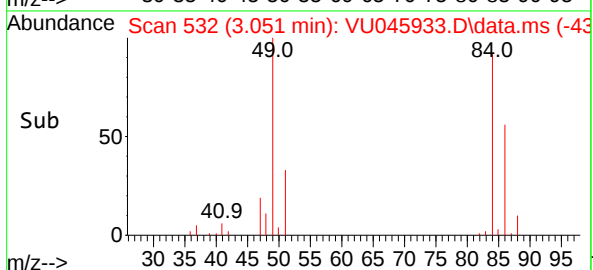
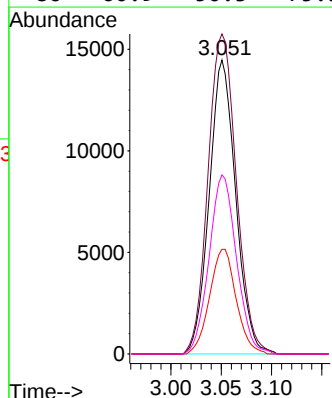
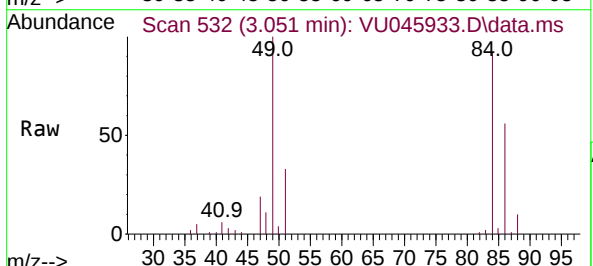
Ion Ratio Lower Upper

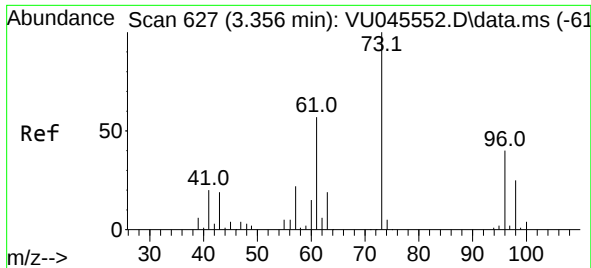
84 100

49 108.9 96.4 144.6

51 35.6 30.5 45.7

86 60.9 50.3 75.5

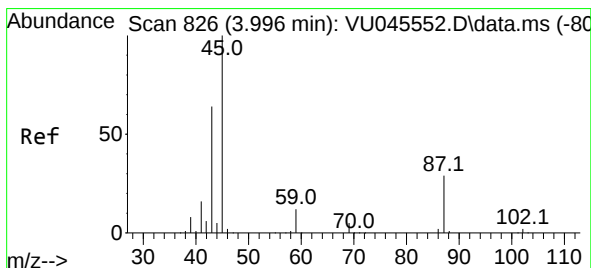
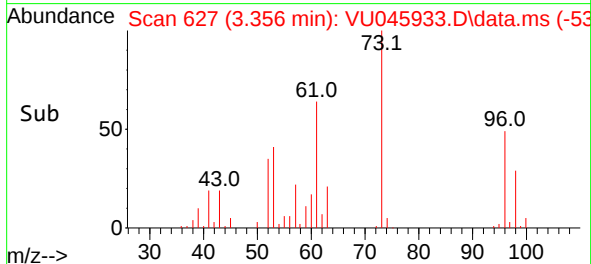
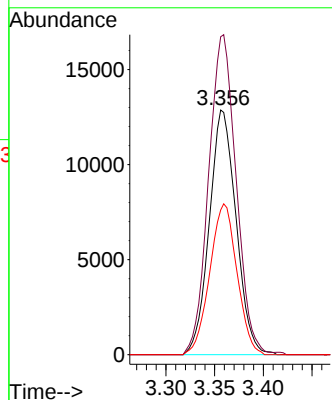
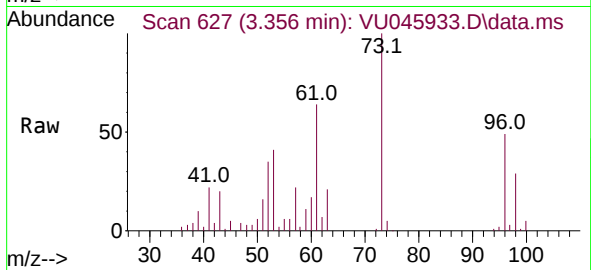




#21
trans-1,2-Dichloroethene
Concen: 21.462 ug/l
RT: 3.356 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU045933.D
Acq: 22 Nov 2021 23:31

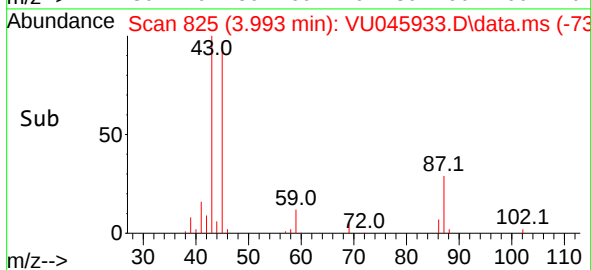
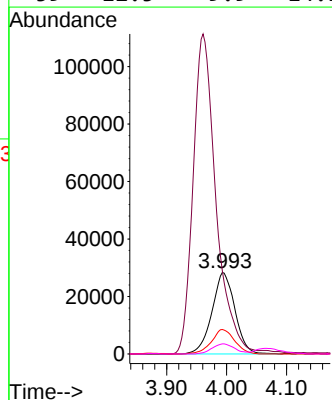
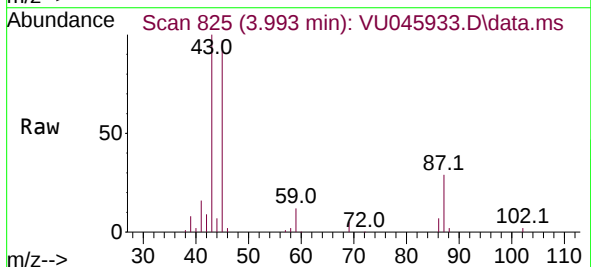
Instrument :
MSVOA_U
ClientSampleId :

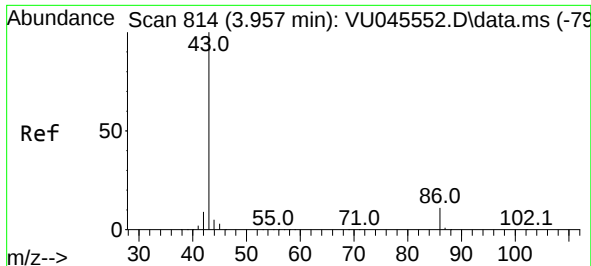
Tgt Ion: 96 Resp: 24620
Ion Ratio Lower Upper
96 100
61 130.0 118.2 177.4
98 59.1 52.1 78.1



#22
Diisopropyl ether
Concen: 19.437 ug/l
RT: 3.993 min Scan# 825
Delta R.T. -0.003 min
Lab File: VU045933.D
Acq: 22 Nov 2021 23:31

Tgt Ion: 45 Resp: 75143
Ion Ratio Lower Upper
45 100
43 99.9 60.0 90.0#
87 30.1 22.3 33.5
59 12.5 9.9 14.9

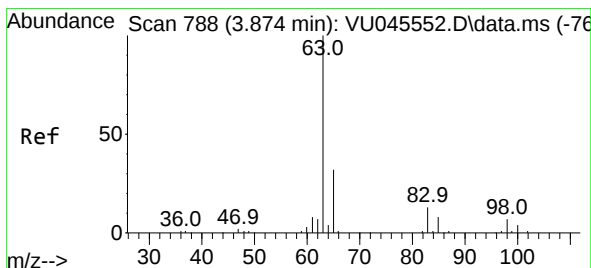
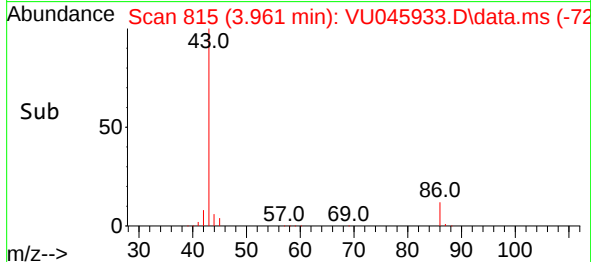
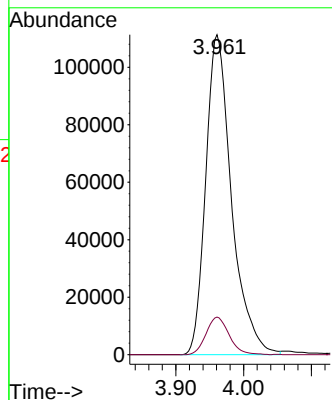
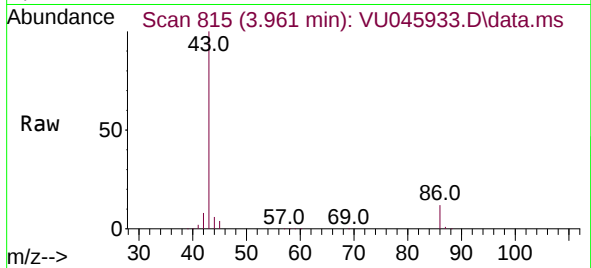




#23
 Vinyl Acetate
 Concen: 99.149 ug/l
 RT: 3.961 min Scan# 814
 Delta R.T. 0.003 min
 Lab File: VU045933.D
 Acq: 22 Nov 2021 23:31

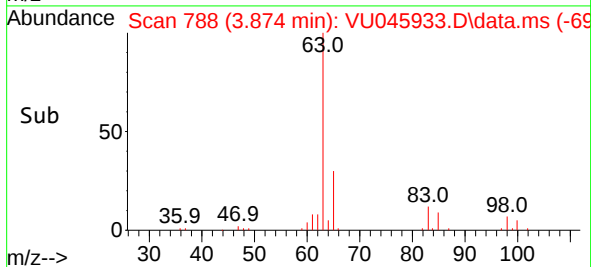
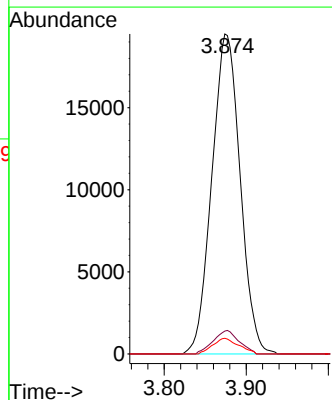
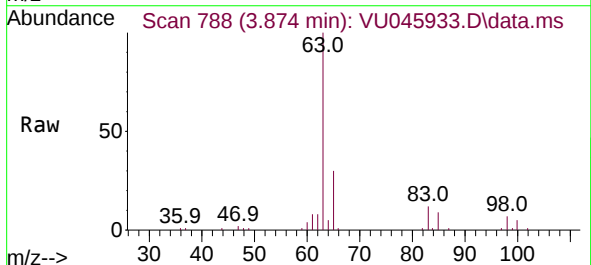
Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 43 Resp: 294799
 Ion Ratio Lower Upper
 43 100
 86 11.8 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 20.246 ug/l
 RT: 3.874 min Scan# 788
 Delta R.T. 0.000 min
 Lab File: VU045933.D
 Acq: 22 Nov 2021 23:31

Tgt Ion: 63 Resp: 46640
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.6
 100 4.9 2.4 7.2





#25

2-Butanone

Concen: 105.751 ug/l

RT: 4.719 min Scan# 1051

Delta R.T. 0.019 min

Lab File: VU045933.D

Acq: 22 Nov 2021 23:31

Instrument :

MSVOA_U

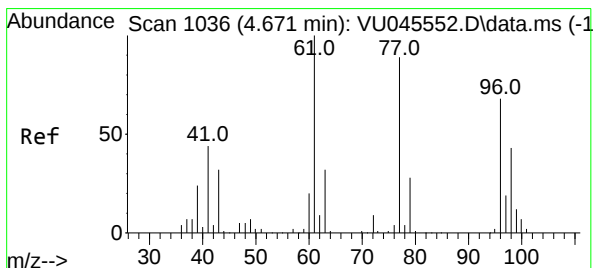
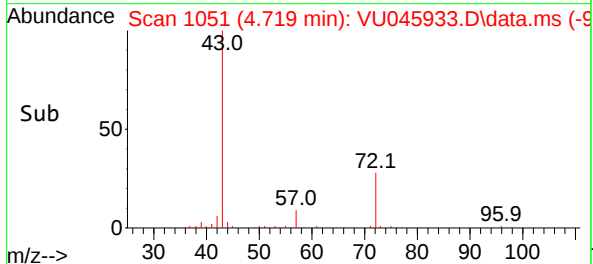
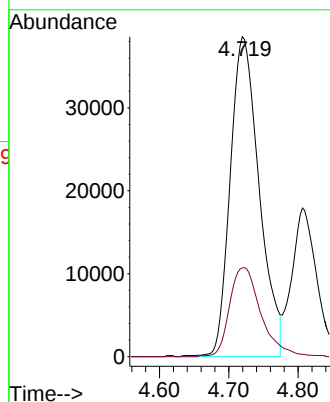
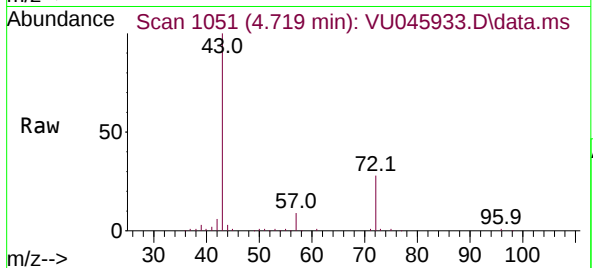
ClientSampleId :

Tgt Ion: 43 Resp: 112069

Ion Ratio Lower Upper

43 100

72 27.8 22.0 33.0



#26

2,2-Dichloropropane

Concen: 18.009 ug/l

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU045933.D

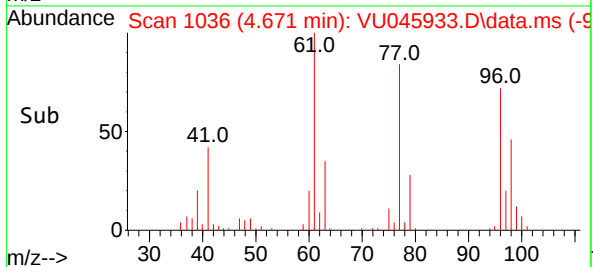
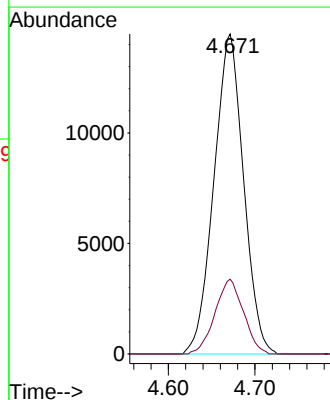
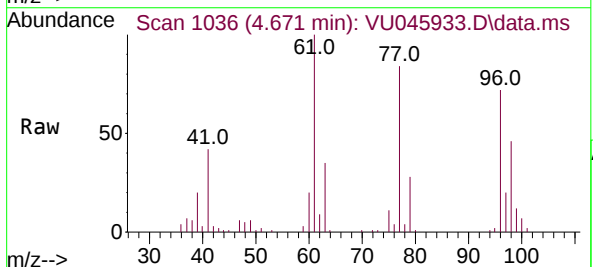
Acq: 22 Nov 2021 23:31

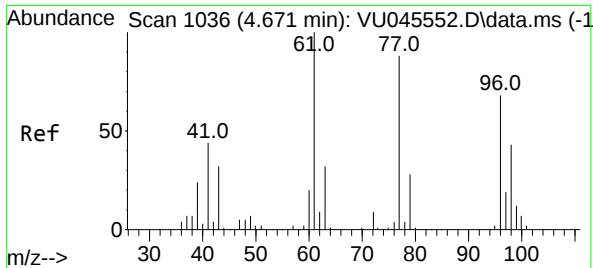
Tgt Ion: 77 Resp: 34378

Ion Ratio Lower Upper

77 100

97 22.4 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 20.595 ug/l

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU045933.D

Acq: 22 Nov 2021 23:31

Instrument :

MSVOA_U

ClientSampleId :

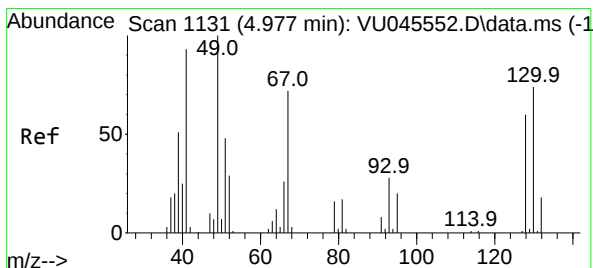
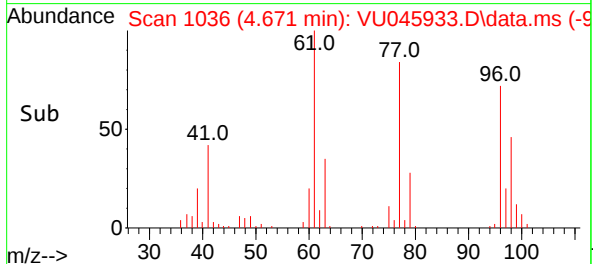
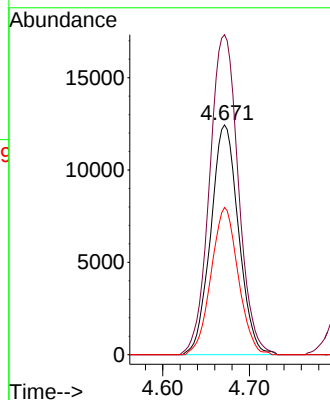
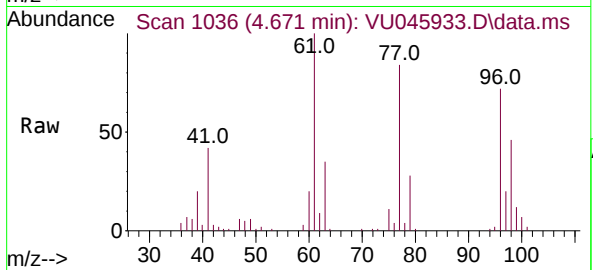
Tgt Ion: 96 Resp: 27749

Ion Ratio Lower Upper

96 100

61 144.1 0.0 299.2

98 62.5 0.0 127.6



#28

Bromochloromethane

Concen: 28.051 ug/l

RT: 4.980 min Scan# 1132

Delta R.T. 0.003 min

Lab File: VU045933.D

Acq: 22 Nov 2021 23:31

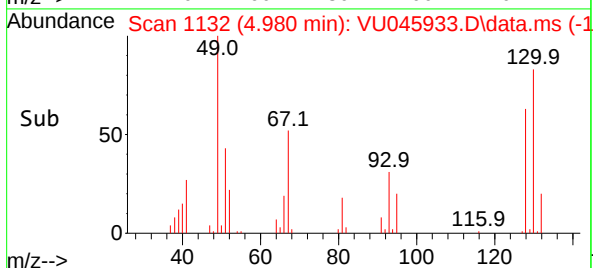
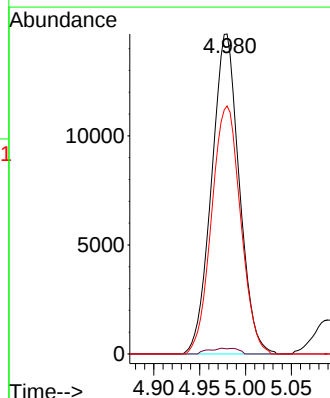
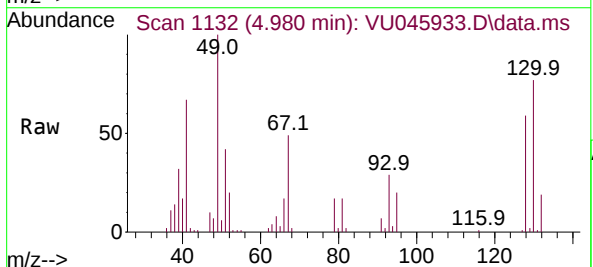
Tgt Ion: 49 Resp: 30808

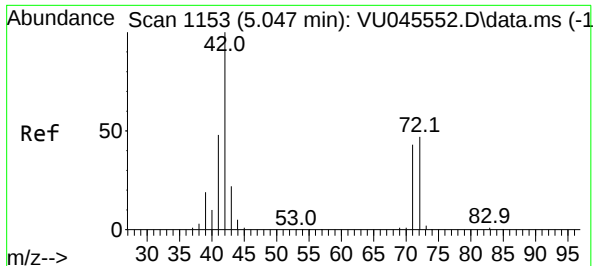
Ion Ratio Lower Upper

49 100

129 1.2 0.0 3.4

130 81.1 57.5 86.3





#29

Tetrahydrofuran

Concen: 111.210 ug/l

RT: 5.063 min Scan# 1158

Delta R.T. 0.016 min

Lab File: VU045933.D

Acq: 22 Nov 2021 23:31

Instrument :

MSVOA_U

ClientSampleId :

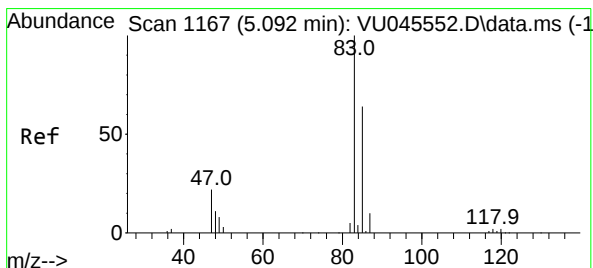
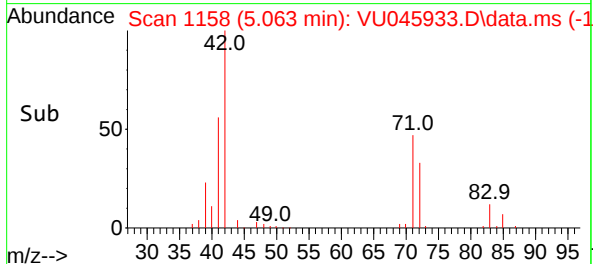
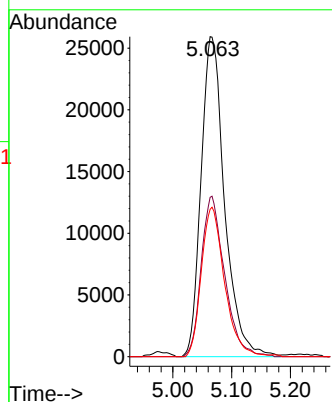
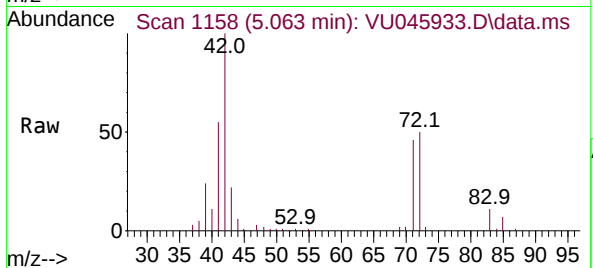
Tgt Ion: 42 Resp: 72089

Ion Ratio Lower Upper

42 100

72 49.9 38.2 57.4

71 46.1 35.4 53.2



#30

Chloroform

Concen: 20.472 ug/l

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU045933.D

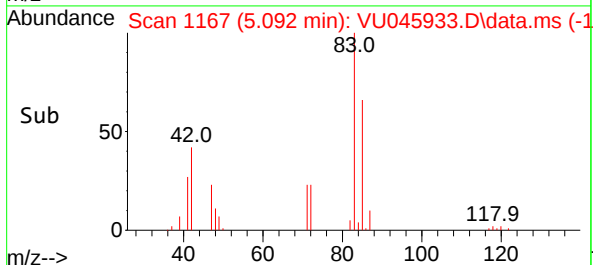
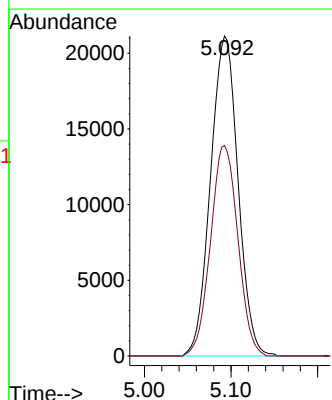
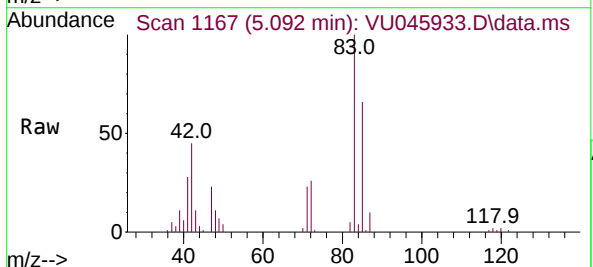
Acq: 22 Nov 2021 23:31

Tgt Ion: 83 Resp: 46643

Ion Ratio Lower Upper

83 100

85 65.8 52.0 78.0





#31

Cyclohexane

Concen: 18.543 ug/l

RT: 5.391 min Scan# 1260

Delta R.T. 0.000 min

Lab File: VU045933.D

Acq: 22 Nov 2021 23:31

Instrument :

MSVOA_U

ClientSampleId :

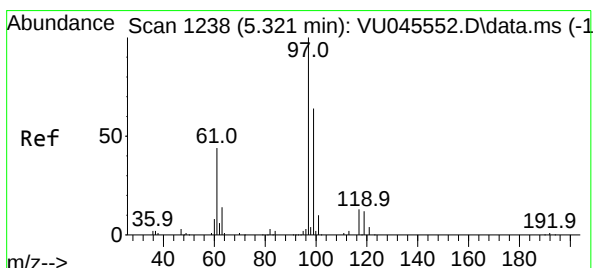
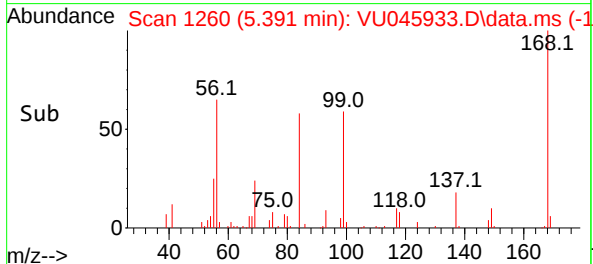
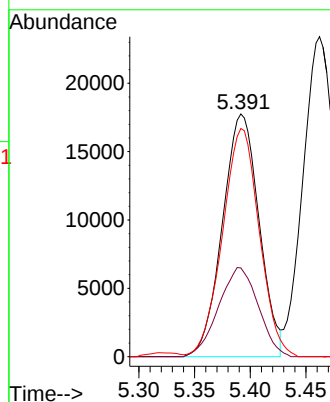
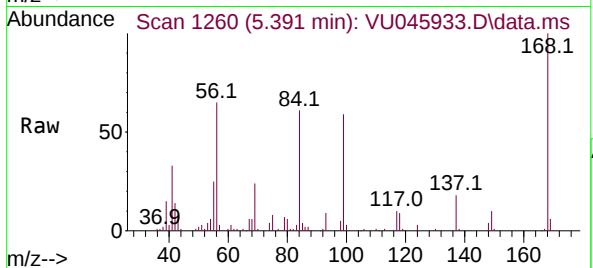
Tgt Ion: 56 Resp: 40610

Ion Ratio Lower Upper

56 100

69 36.6 26.4 39.6

84 93.0 68.4 102.6



#32

1,1,1-Trichloroethane

Concen: 20.827 ug/l

RT: 5.321 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VU045933.D

Acq: 22 Nov 2021 23:31

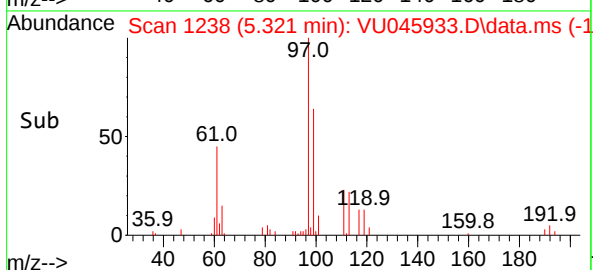
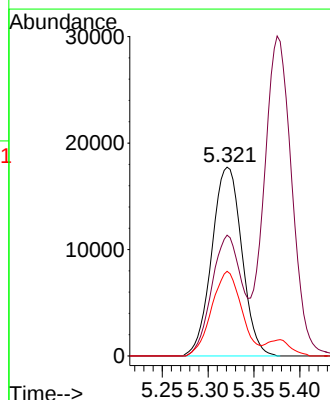
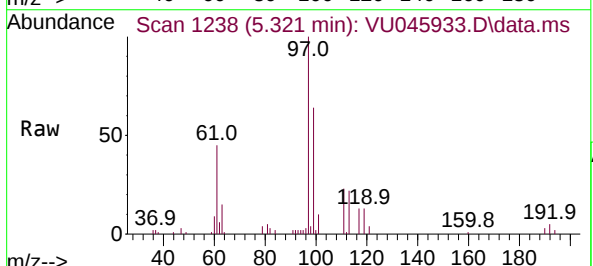
Tgt Ion: 97 Resp: 40466

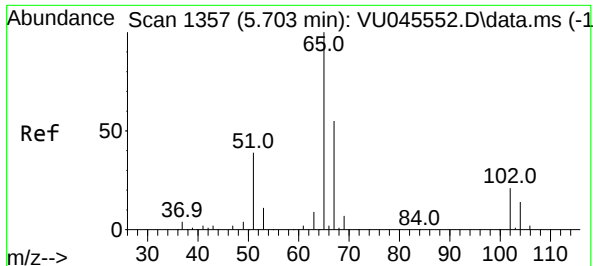
Ion Ratio Lower Upper

97 100

99 62.2 50.8 76.2

61 44.7 38.3 57.5





#33

1,2-Dichloroethane-d4

Concen: 51.290 ug/l

RT: 5.703 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045933.D

Acq: 22 Nov 2021 23:31

Instrument :

MSVOA_U

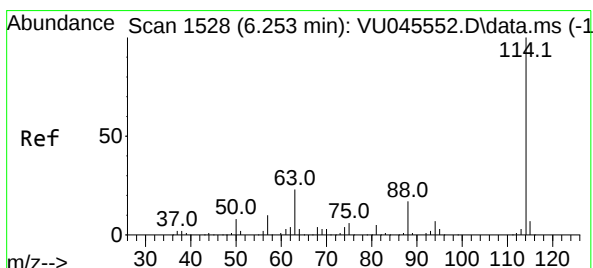
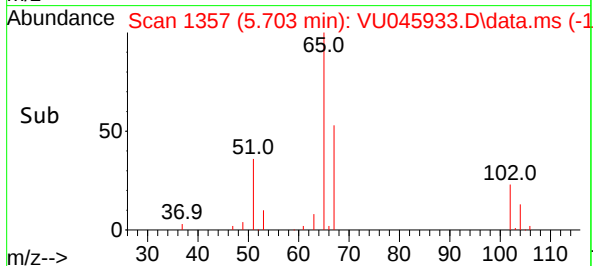
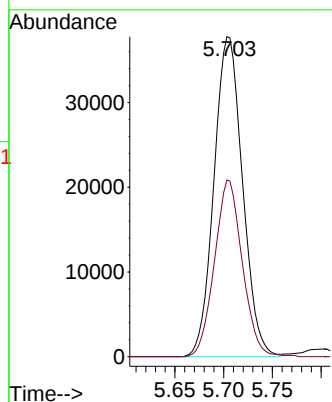
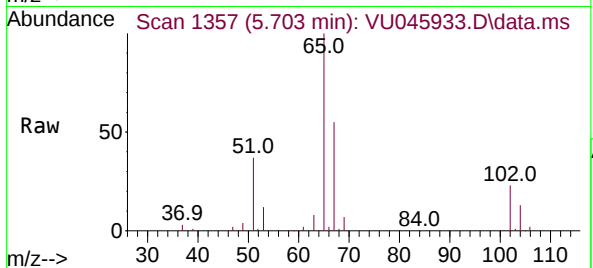
ClientSampleId :

Tgt Ion: 65 Resp: 76986

Ion Ratio Lower Upper

65 100

67 53.6 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. -0.003 min

Lab File: VU045933.D

Acq: 22 Nov 2021 23:31

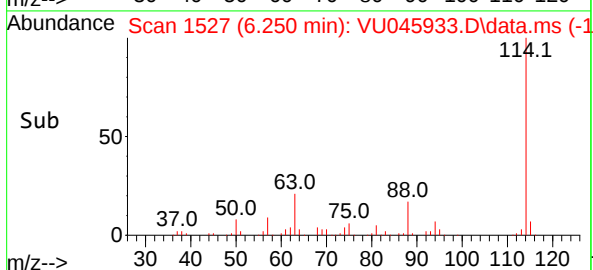
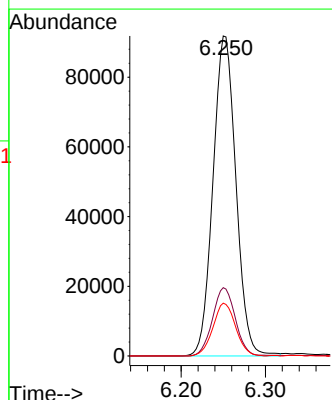
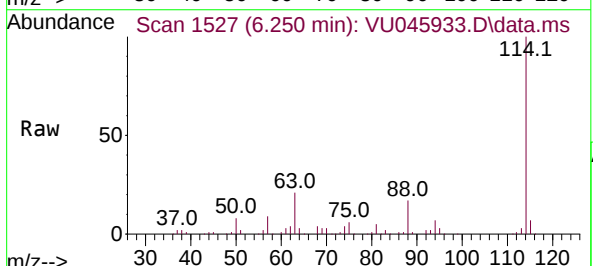
Tgt Ion: 114 Resp: 173547

Ion Ratio Lower Upper

114 100

63 21.3 0.0 45.6

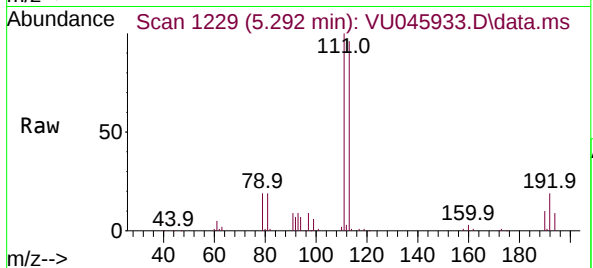
88 16.5 0.0 33.8



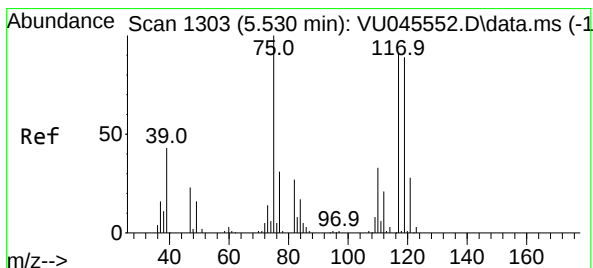
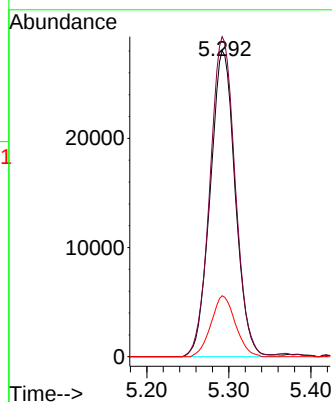
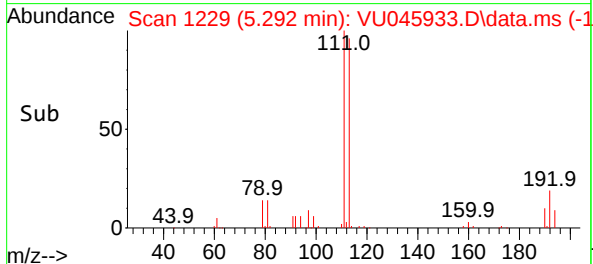


#35
Dibromofluoromethane
Concen: 51.287 ug/l
RT: 5.292 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045933.D
Acq: 22 Nov 2021 23:31

Instrument :
MSVOA_U
ClientSampleId :

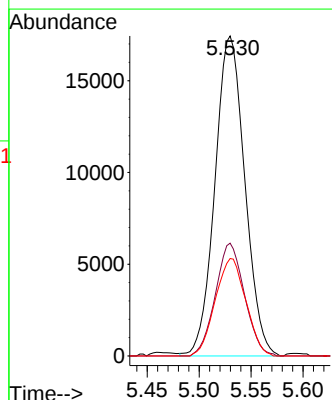
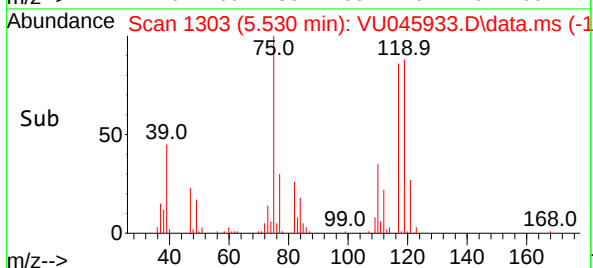
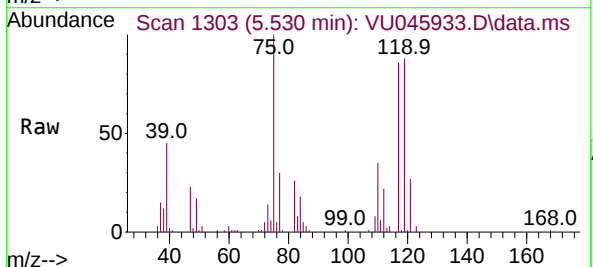


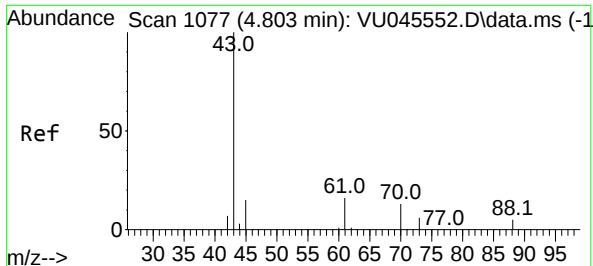
Tgt Ion:113 Resp: 59425
Ion Ratio Lower Upper
113 100
111 105.3 82.8 124.2
192 19.4 14.8 22.2



#36
1,1-Dichloropropene
Concen: 20.623 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VU045933.D
Acq: 22 Nov 2021 23:31

Tgt Ion: 75 Resp: 34898
Ion Ratio Lower Upper
75 100
110 34.2 16.7 50.0
77 31.1 25.0 37.4





#37

Ethyl Acetate

Concen: 22.293 ug/l

RT: 4.806 min Scan# 1077

Delta R.T. 0.003 min

Lab File: VU045933.D

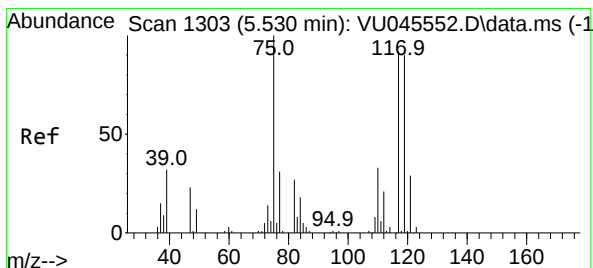
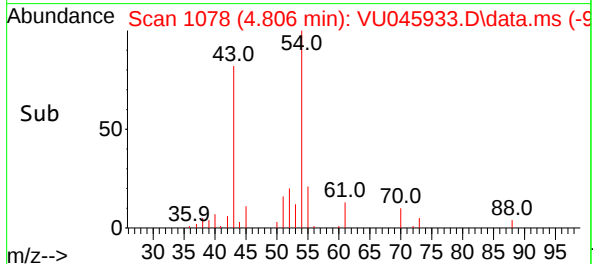
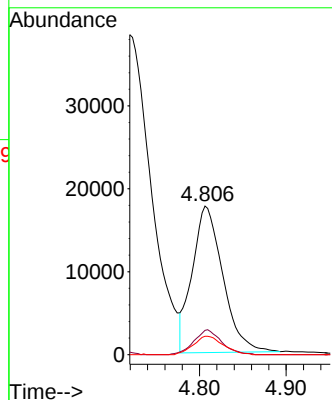
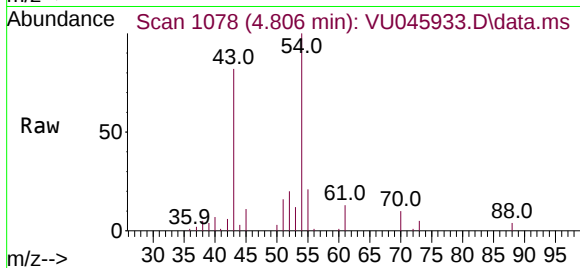
Acq: 22 Nov 2021 23:31

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 43	Resp: 43334
Ion Ratio	Lower Upper
43	100
61	15.4 11.6 17.4
70	12.3 9.1 13.7



#38

Carbon Tetrachloride

Concen: 20.149 ug/l

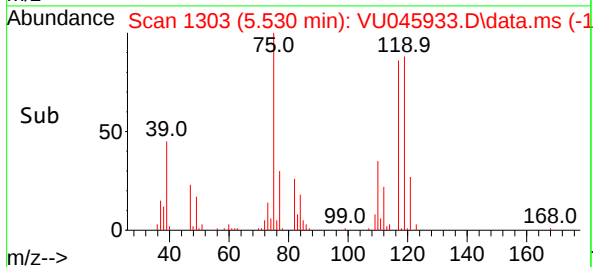
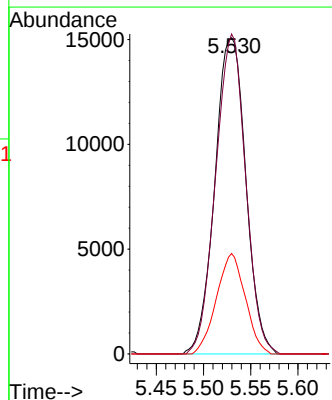
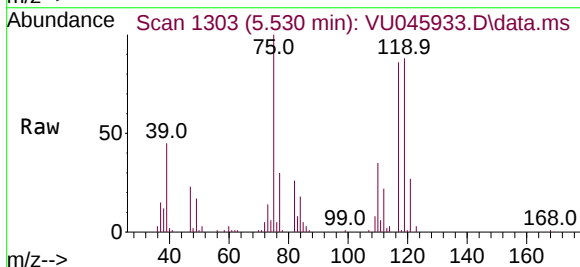
RT: 5.530 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VU045933.D

Acq: 22 Nov 2021 23:31

Tgt Ion: 117	Resp: 34374
Ion Ratio	Lower Upper
117	100
119	101.2 77.4 116.0
121	31.8 24.8 37.2





#39

Methylcyclohexane

Concen: 19.120 ug/l

RT: 6.768 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045933.D

Acq: 22 Nov 2021 23:31

Instrument :

MSVOA_U

ClientSampleId :

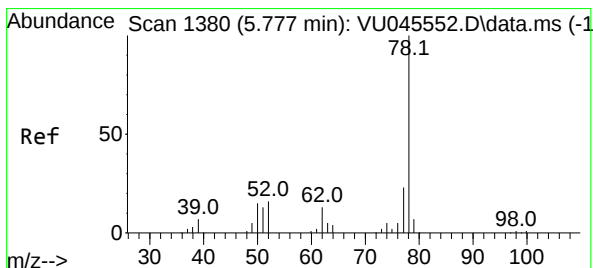
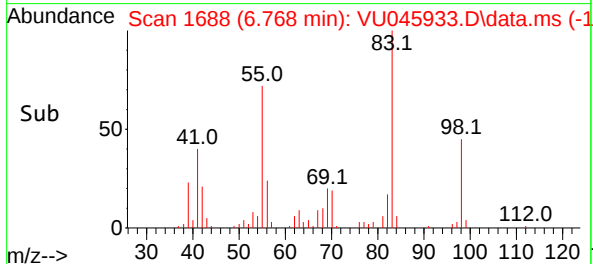
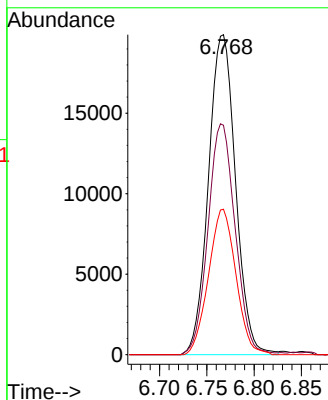
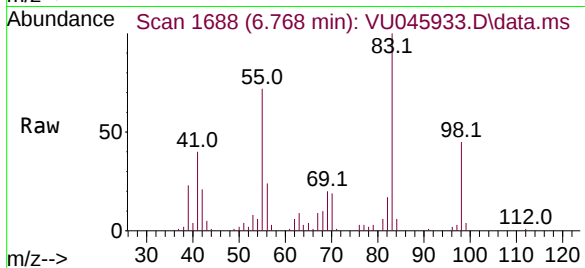
Tgt Ion: 83 Resp: 39694

Ion Ratio Lower Upper

83 100

55 71.7 63.6 95.4

98 45.5 37.1 55.7



#40

Benzene

Concen: 20.215 ug/l

RT: 5.777 min Scan# 1380

Delta R.T. 0.000 min

Lab File: VU045933.D

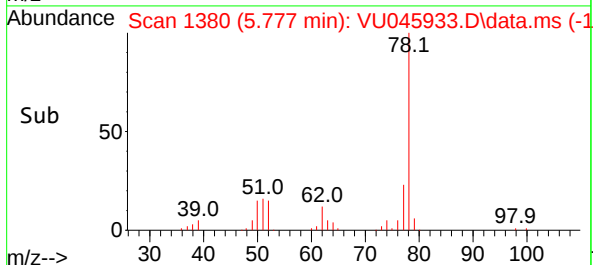
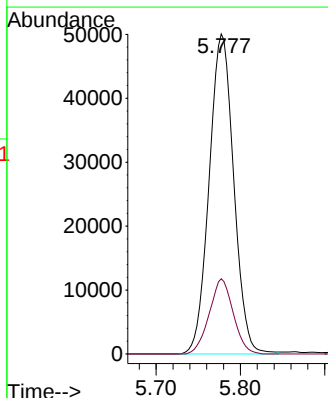
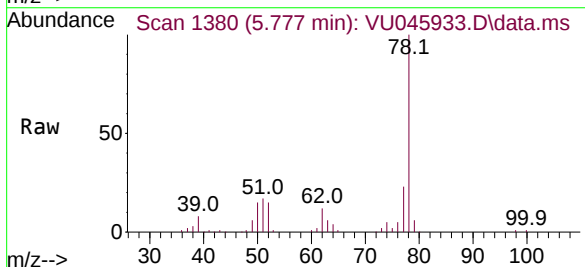
Acq: 22 Nov 2021 23:31

Tgt Ion: 78 Resp: 101279

Ion Ratio Lower Upper

78 100

77 23.5 19.0 28.4



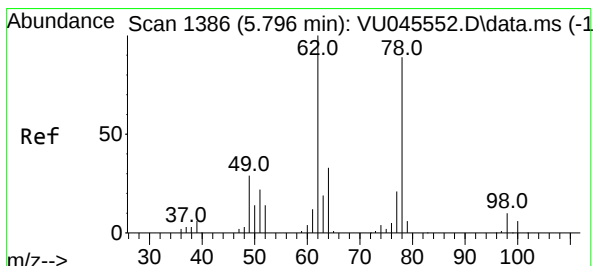
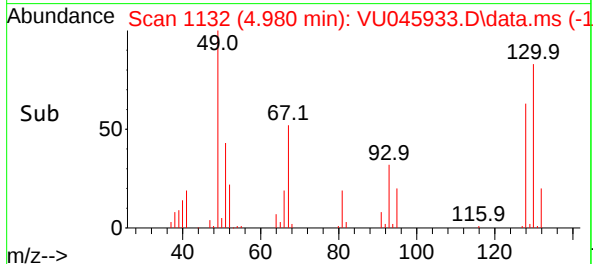
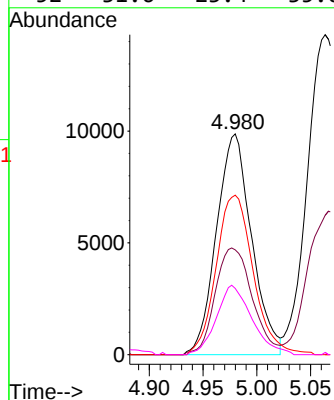
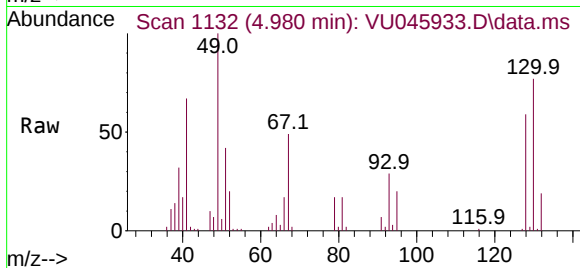


#41
Methacrylonitrile
Concen: 21.854 ug/l
RT: 4.980 min Scan# 1129
Delta R.T. 0.010 min
Lab File: VU045933.D
Acq: 22 Nov 2021 23:31

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 41 Resp: 22450

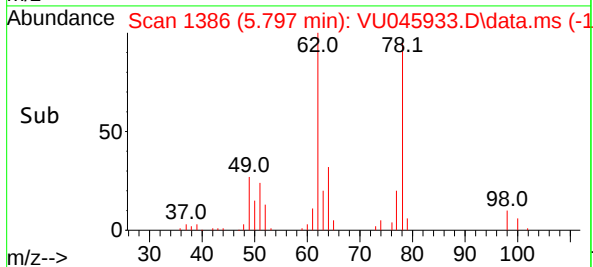
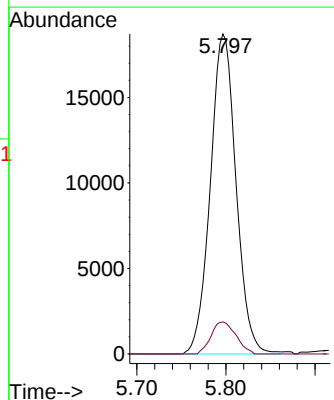
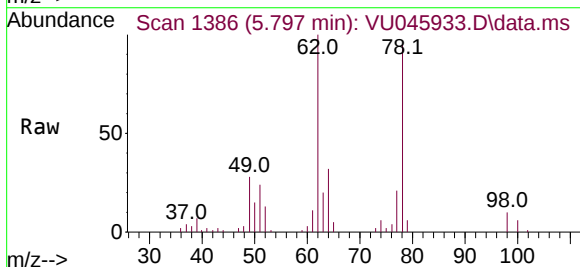
Ion	Ratio	Lower	Upper
41	100		
39	50.9	43.4	65.0
67	76.4	61.0	91.4
52	31.6	23.4	35.0

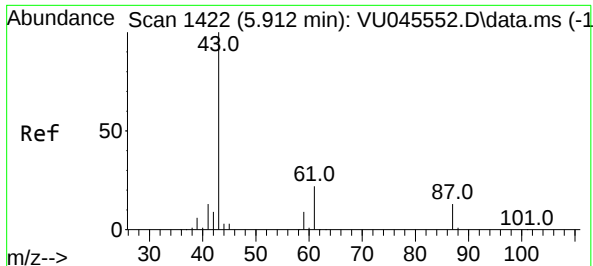


#42
1,2-Dichloroethane
Concen: 20.708 ug/l
RT: 5.797 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VU045933.D
Acq: 22 Nov 2021 23:31

Tgt Ion: 62 Resp: 37474

Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	18.4





#43

Isopropyl Acetate

Concen: 19.724 ug/l

RT: 5.912 min Scan# 1422

Delta R.T. 0.000 min

Lab File: VU045933.D

Acq: 22 Nov 2021 23:31

Instrument :

MSVOA_U

ClientSampleId :

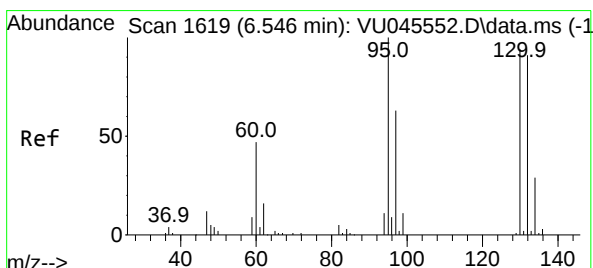
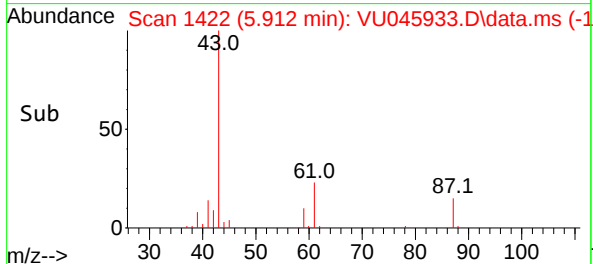
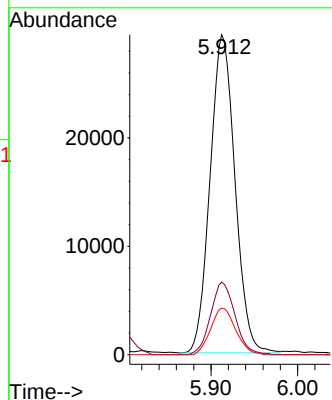
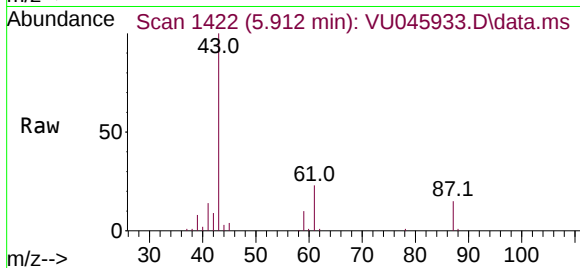
Tgt Ion: 43 Resp: 58643

Ion Ratio Lower Upper

43 100

61 22.4 16.9 25.3

87 14.7 11.0 16.4



#44

Trichloroethene

Concen: 22.701 ug/l

RT: 6.546 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VU045933.D

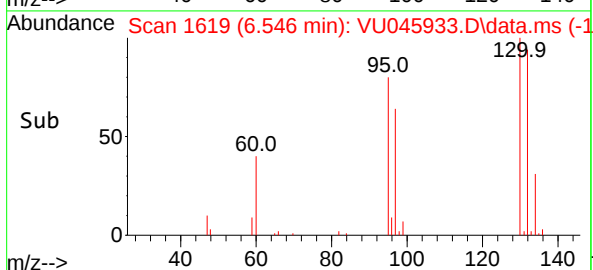
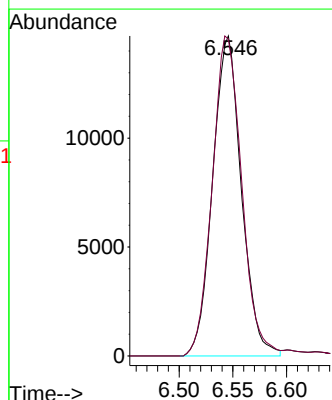
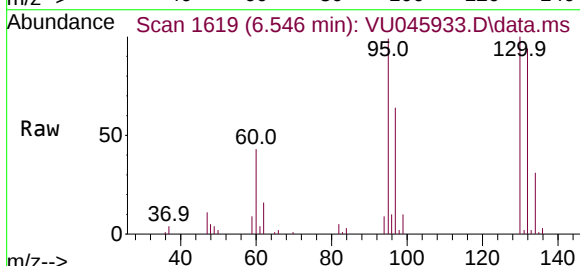
Acq: 22 Nov 2021 23:31

Tgt Ion:130 Resp: 27224

Ion Ratio Lower Upper

130 100

95 99.0 0.0 211.4





#45

1,2-Dichloropropane

Concen: 20.044 ug/l

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045933.D

Acq: 22 Nov 2021 23:31

Instrument :

MSVOA_U

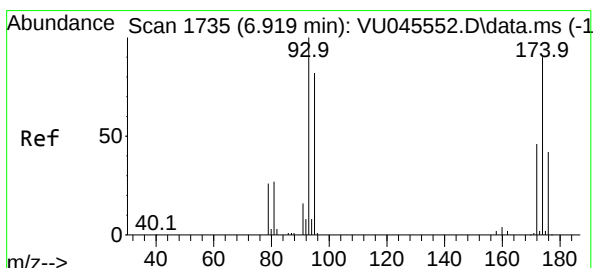
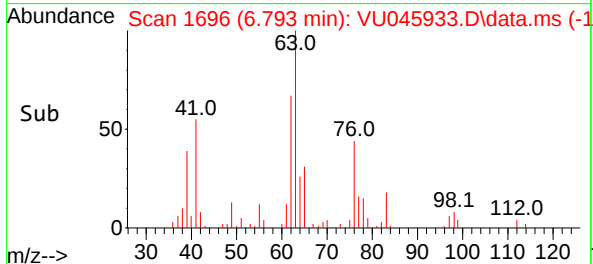
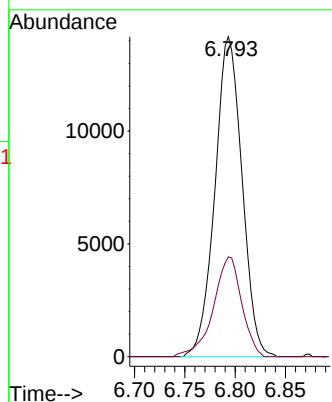
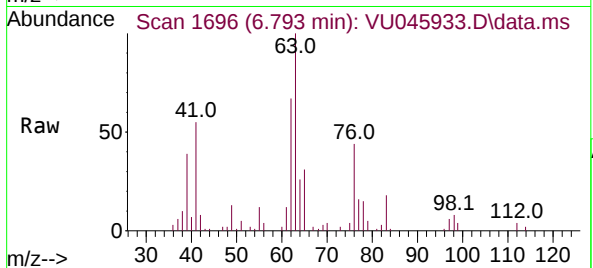
ClientSampleId :

Tgt Ion: 63 Resp: 26572

Ion Ratio Lower Upper

63 100

65 31.2 25.7 38.5



#46

Dibromomethane

Concen: 20.974 ug/l

RT: 6.922 min Scan# 1736

Delta R.T. 0.003 min

Lab File: VU045933.D

Acq: 22 Nov 2021 23:31

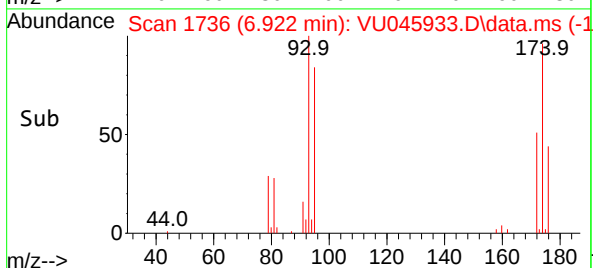
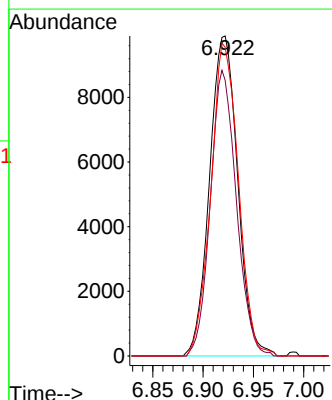
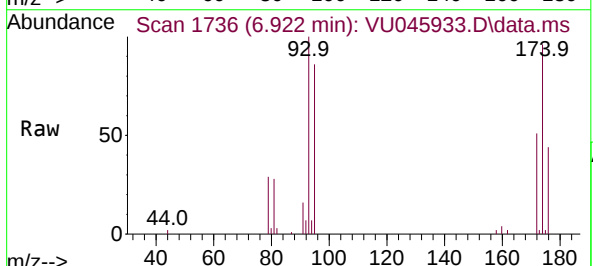
Tgt Ion: 93 Resp: 19265

Ion Ratio Lower Upper

93 100

95 82.5 66.2 99.2

174 95.5 71.0 106.6

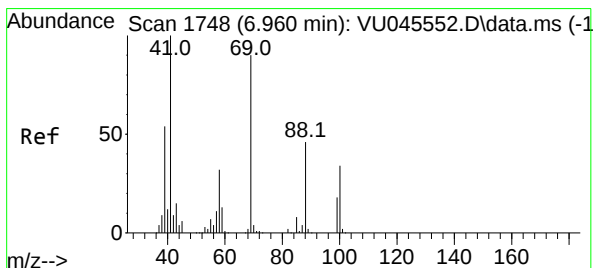
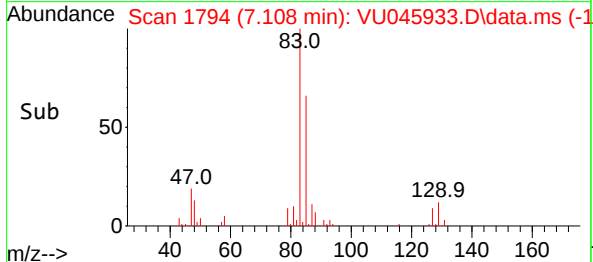
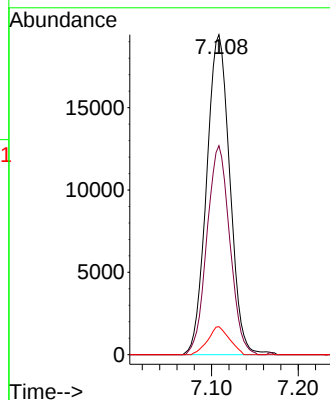
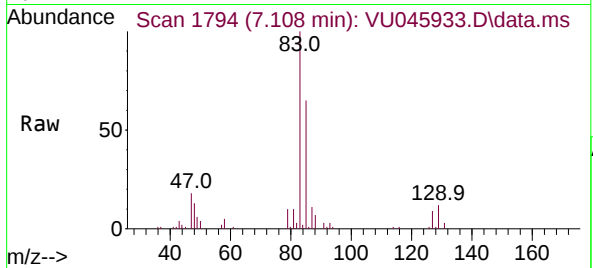




#47
Bromodichloromethane
Concen: 20.771 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU045933.D
Acq: 22 Nov 2021 23:31

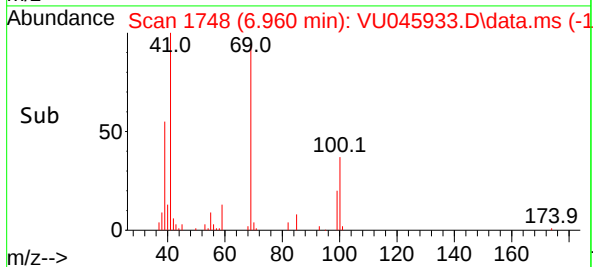
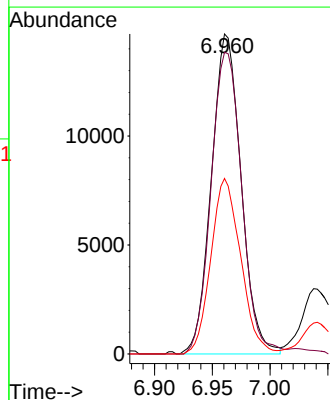
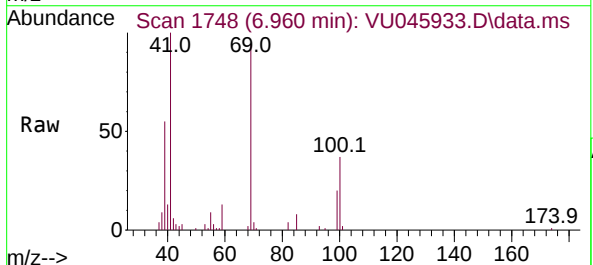
Instrument :
MSVOA_U
ClientSampleId :

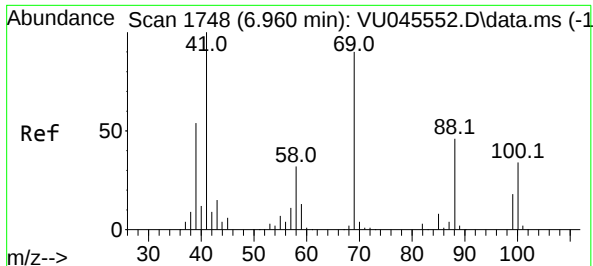
Tgt Ion: 83 Resp: 36200
Ion Ratio Lower Upper
83 100
85 65.3 49.8 74.6
127 8.8 6.2 9.2



#48
Methyl methacrylate
Concen: 19.210 ug/l
RT: 6.960 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VU045933.D
Acq: 22 Nov 2021 23:31

Tgt Ion: 41 Resp: 26288
Ion Ratio Lower Upper
41 100
69 97.3 70.2 105.2
39 55.0 43.9 65.9





#49

1,4-Dioxane

Concen: 166.796 ug/l

RT: 7.054 min Scan# 1

Delta R.T. 0.093 min

Lab File: VU045933.D

Acq: 22 Nov 2021 23:31

Instrument :

MSVOA_U

ClientSampleId :

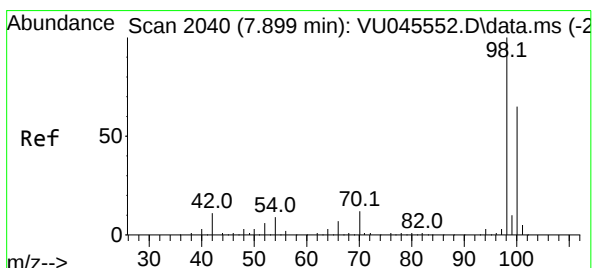
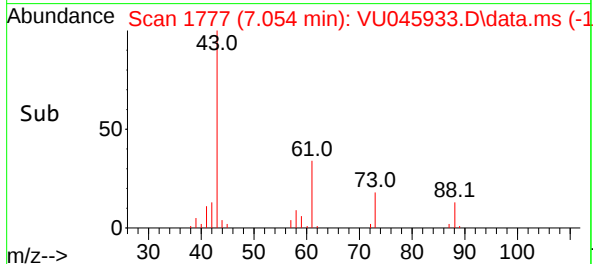
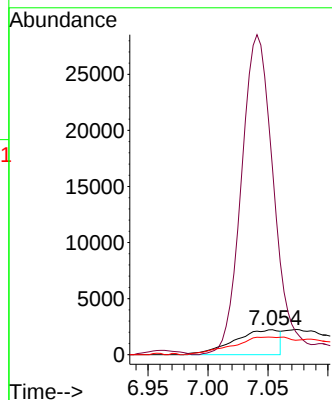
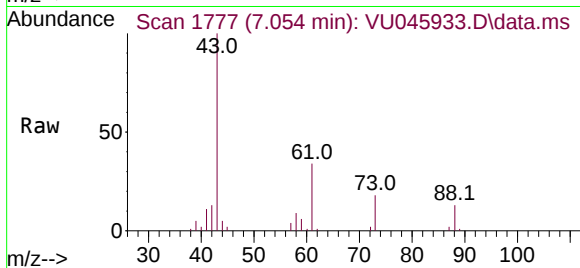
Tgt Ion: 88 Resp: 5870

Ion Ratio Lower Upper

88 100

43 907.1 0.0 0.0#

58 67.3 58.7 88.1



#50

Toluene-d8

Concen: 54.028 ug/l

RT: 7.899 min Scan# 2040

Delta R.T. 0.000 min

Lab File: VU045933.D

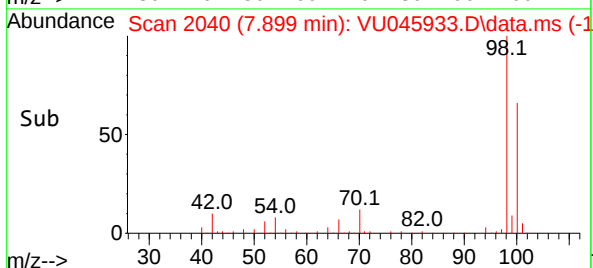
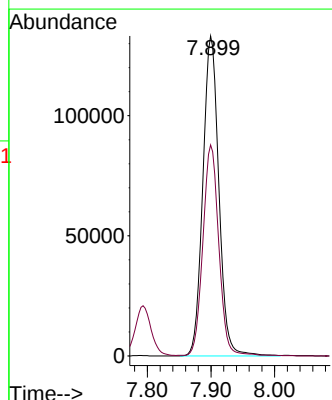
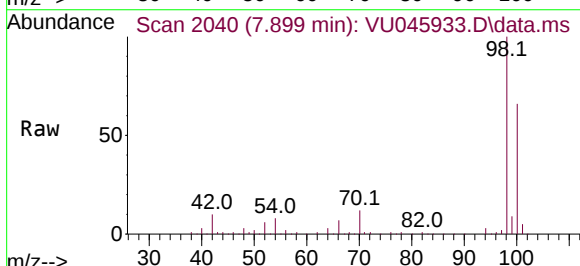
Acq: 22 Nov 2021 23:31

Tgt Ion: 98 Resp: 232783

Ion Ratio Lower Upper

98 100

100 65.0 52.5 78.7

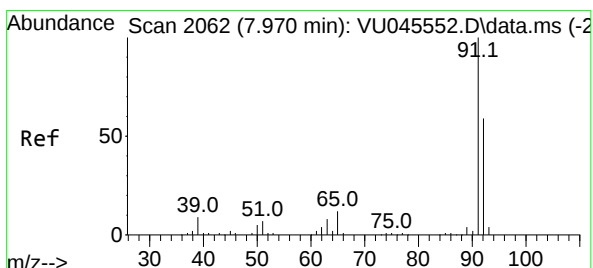
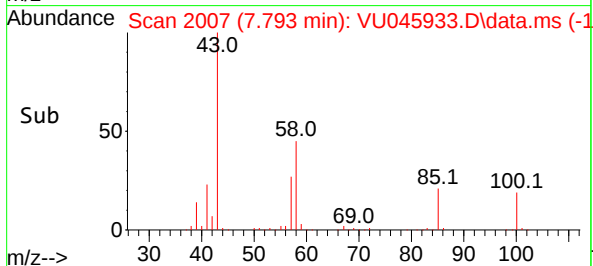
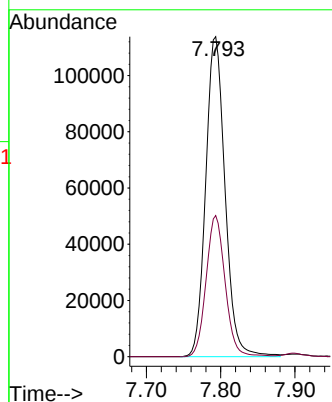
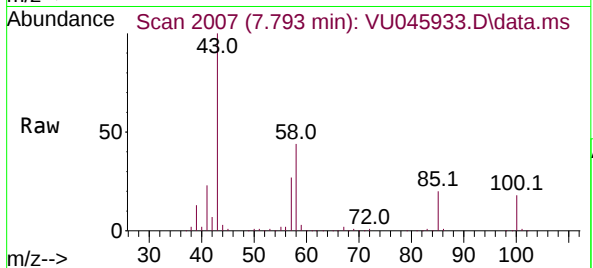




#51
4-Methyl-2-Pentanone
Concen: 104.981 ug/l
RT: 7.793 min Scan# 2007
Delta R.T. 0.000 min
Lab File: VU045933.D
Acq: 22 Nov 2021 23:31

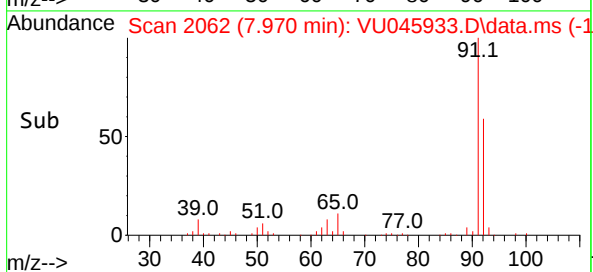
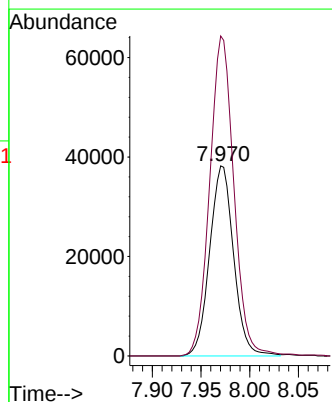
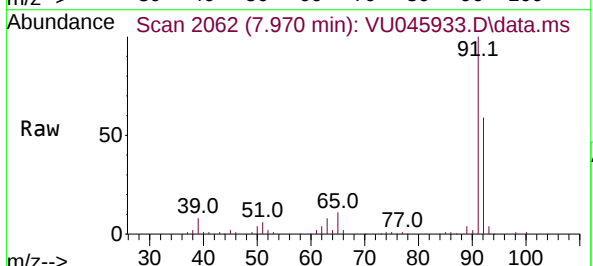
Instrument :
MSVOA_U
ClientSampleId :

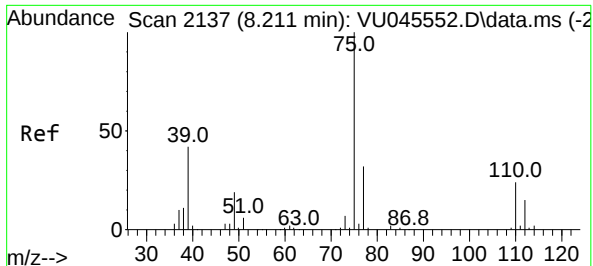
Tgt Ion: 43 Resp: 205900
Ion Ratio Lower Upper
43 100
58 43.4 33.8 50.8



#52
Toluene
Concen: 21.306 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU045933.D
Acq: 22 Nov 2021 23:31

Tgt Ion: 92 Resp: 65350
Ion Ratio Lower Upper
92 100
91 170.2 135.6 203.4





#53

t-1,3-Dichloropropene

Concen: 19.497 ug/l

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU045933.D

Acq: 22 Nov 2021 23:31

Instrument :

MSVOA_U

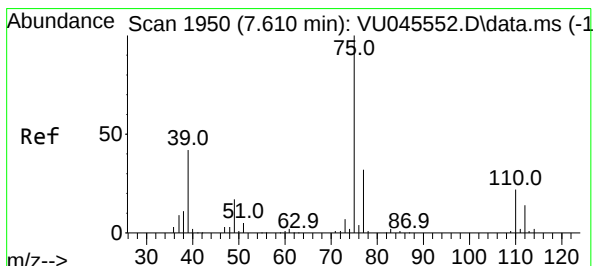
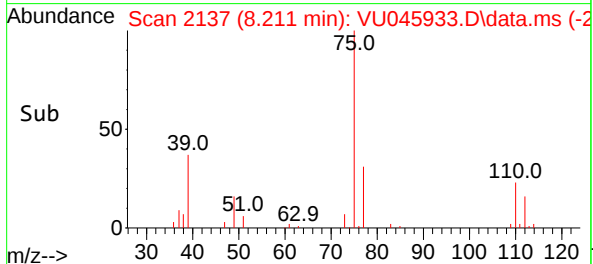
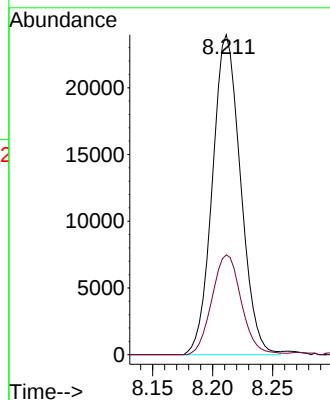
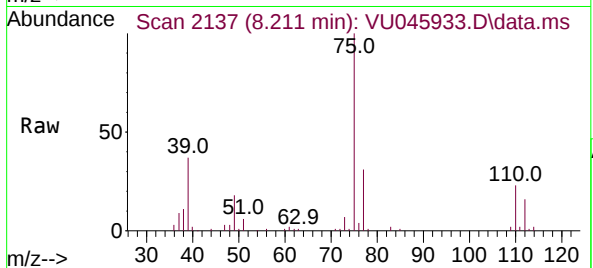
ClientSampleId :

Tgt Ion: 75 Resp: 39053

Ion Ratio Lower Upper

75 100

77 31.2 25.8 38.8



#54

cis-1,3-Dichloropropene

Concen: 19.702 ug/l

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU045933.D

Acq: 22 Nov 2021 23:31

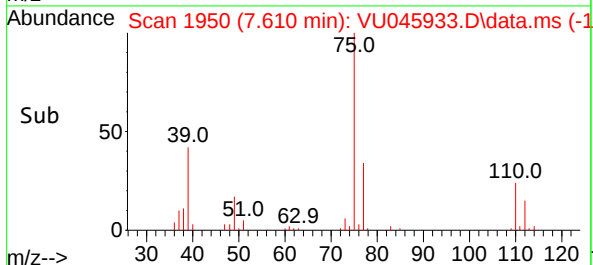
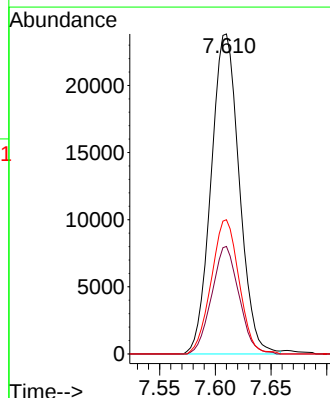
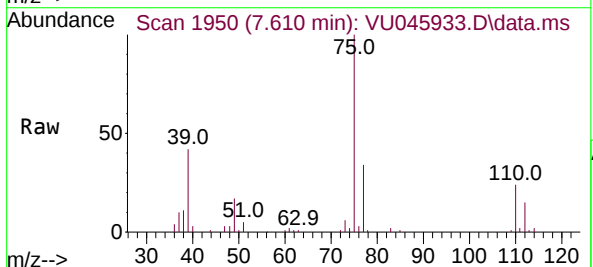
Tgt Ion: 75 Resp: 41916

Ion Ratio Lower Upper

75 100

77 33.6 24.6 37.0

39 41.9 37.1 55.7

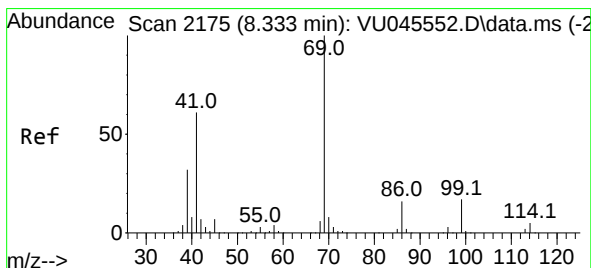
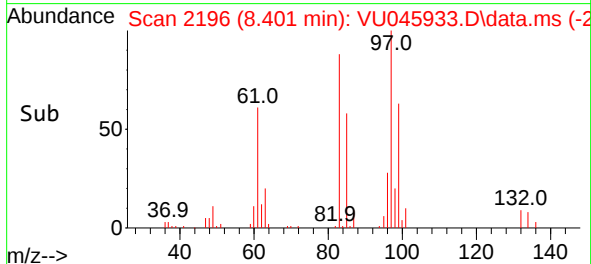
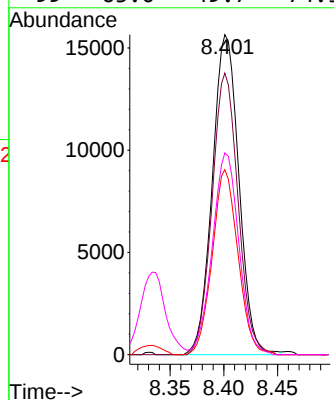
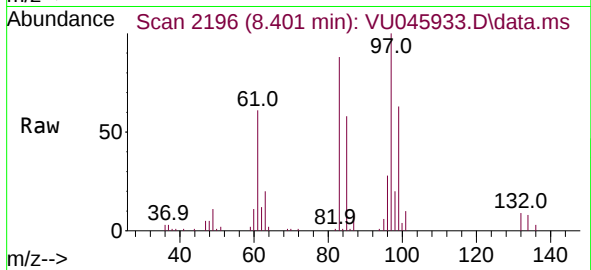




#55
1,1,2-Trichloroethane
Concen: 21.173 ug/l
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU045933.D
Acq: 22 Nov 2021 23:31

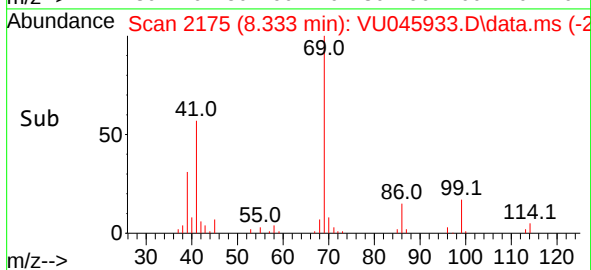
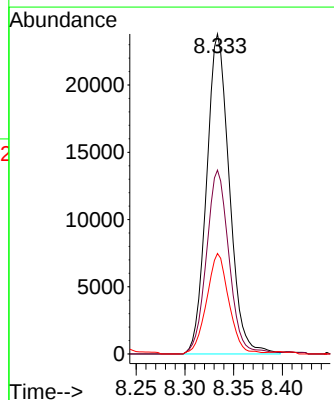
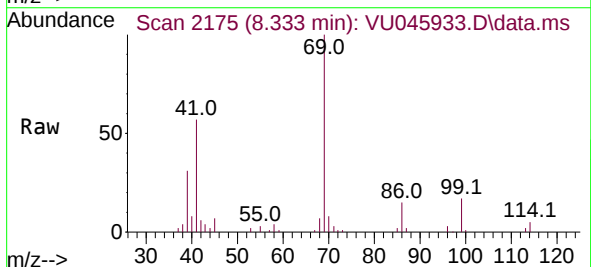
Instrument :
MSVOA_U
ClientSampleId :

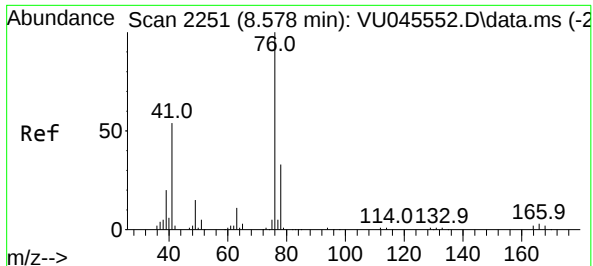
Tgt Ion:	97	Resp:	26916
Ion	Ratio	Lower	Upper
97	100		
83	88.0	70.3	105.5
85	57.8	45.5	68.3
99	63.0	49.7	74.5



#56
Ethyl methacrylate
Concen: 18.596 ug/l
RT: 8.333 min Scan# 2175
Delta R.T. 0.000 min
Lab File: VU045933.D
Acq: 22 Nov 2021 23:31

Tgt Ion:	69	Resp:	38752
Ion	Ratio	Lower	Upper
69	100		
41	57.1	51.0	76.4
39	30.7	26.6	39.8





#57

1,3-Dichloropropane

Concen: 20.404 ug/l

RT: 8.578 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU045933.D

Acq: 22 Nov 2021 23:31

Instrument :

MSVOA_U

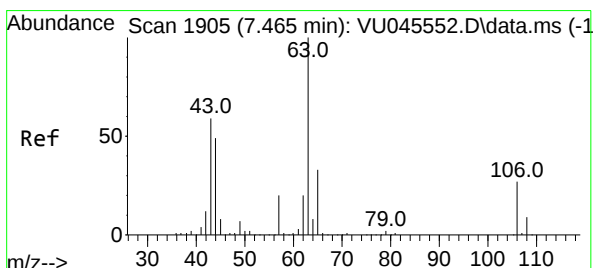
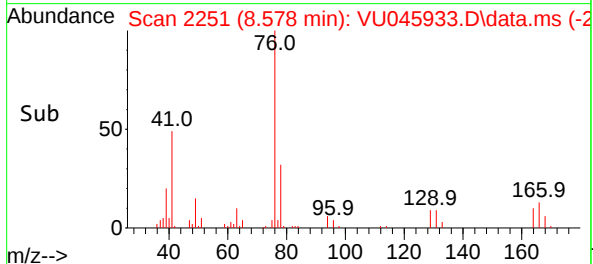
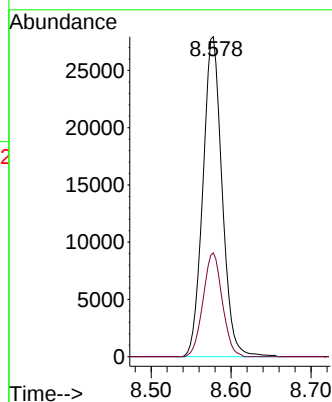
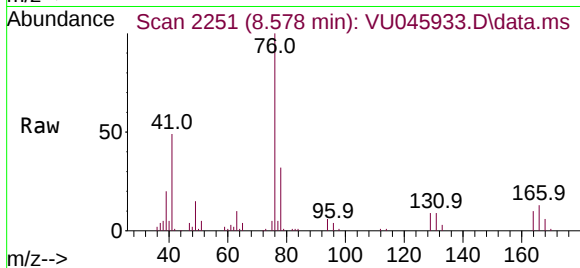
ClientSampleId :

Tgt Ion: 76 Resp: 46717

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 112.497 ug/l

RT: 7.465 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VU045933.D

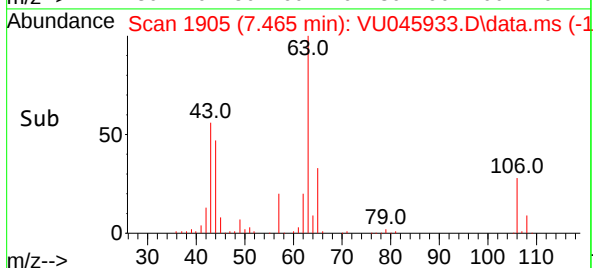
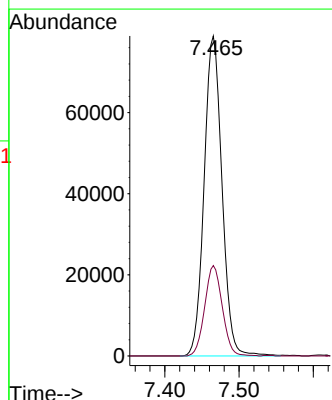
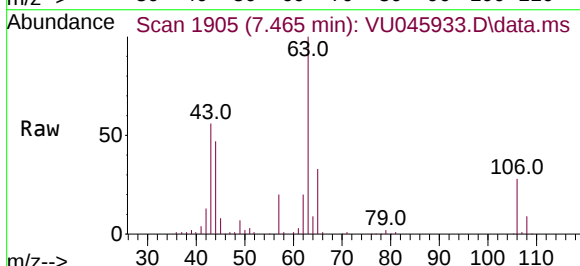
Acq: 22 Nov 2021 23:31

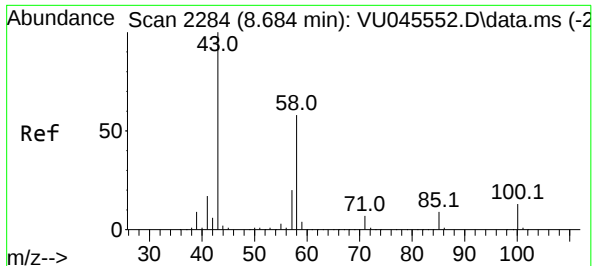
Tgt Ion: 63 Resp: 131659

Ion Ratio Lower Upper

63 100

106 27.8 21.0 31.4





#59

2-Hexanone

Concen: 96.975 ug/l

RT: 8.687 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU045933.D

Acq: 22 Nov 2021 23:31

Instrument :

MSVOA_U

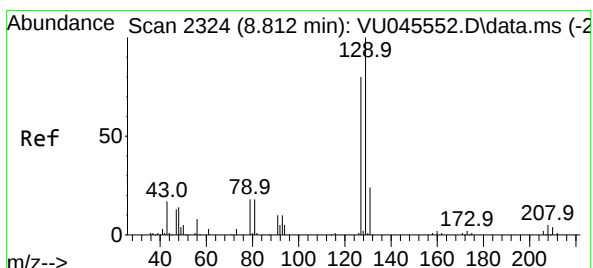
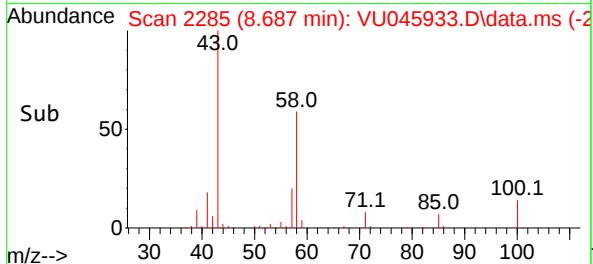
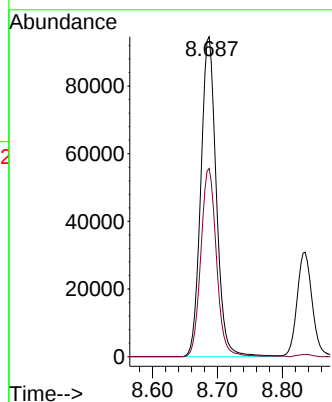
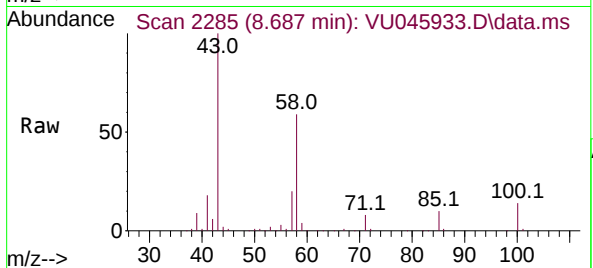
ClientSampleId :

Tgt Ion: 43 Resp: 157382

Ion Ratio Lower Upper

43 100

58 59.3 29.5 88.6



#60

Dibromochloromethane

Concen: 20.932 ug/l

RT: 8.813 min Scan# 2324

Delta R.T. 0.000 min

Lab File: VU045933.D

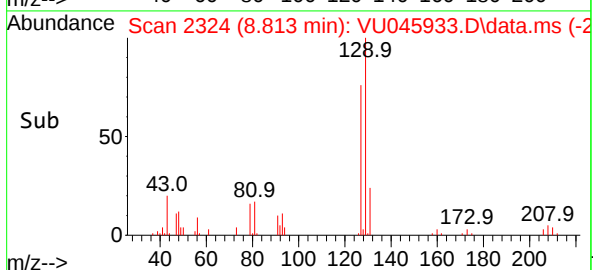
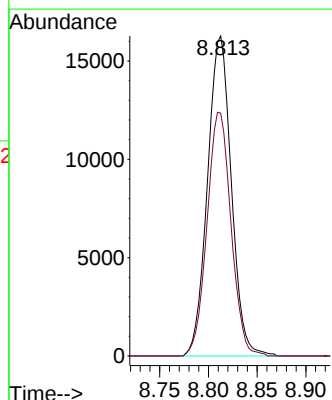
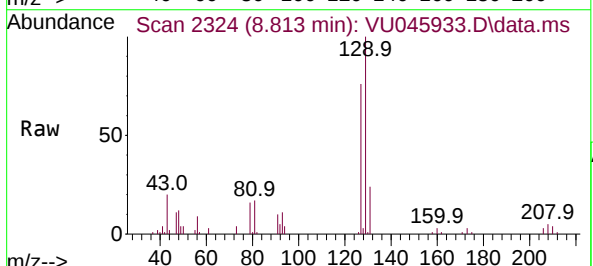
Acq: 22 Nov 2021 23:31

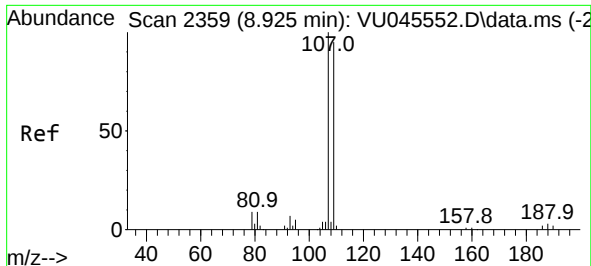
Tgt Ion: 129 Resp: 27708

Ion Ratio Lower Upper

129 100

127 76.6 38.5 115.3

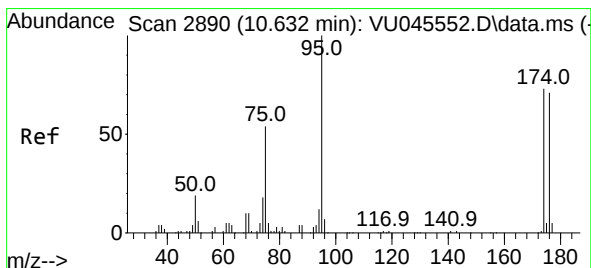
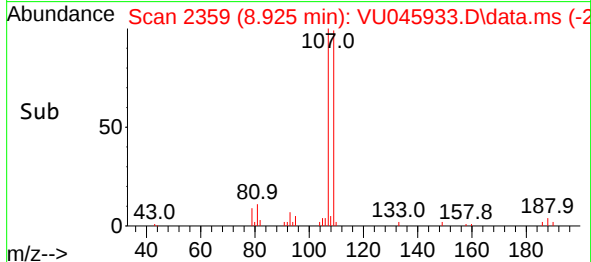
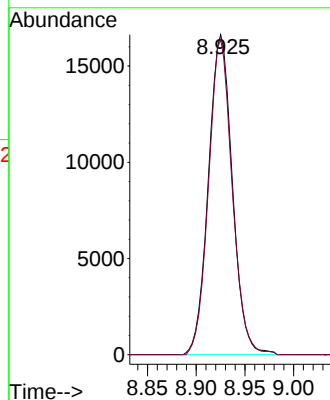
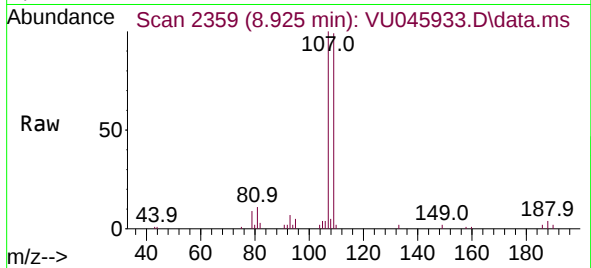




#61
1,2-Dibromoethane
Concen: 20.848 ug/l
RT: 8.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045933.D
Acq: 22 Nov 2021 23:31

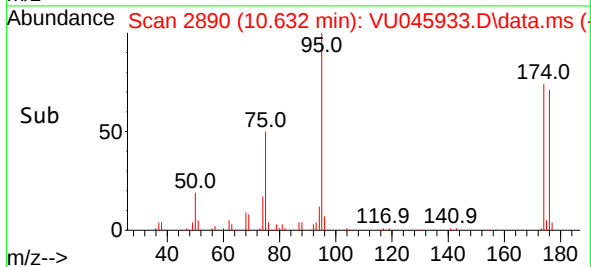
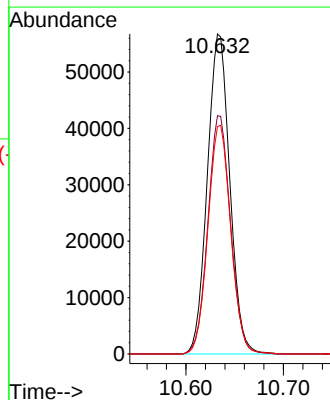
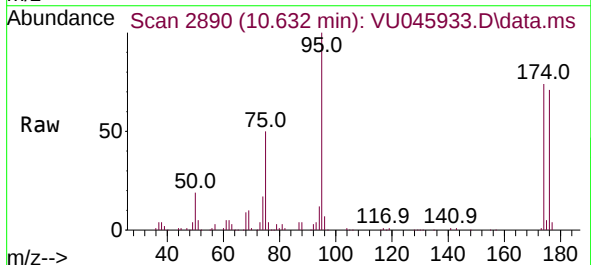
Instrument :
MSVOA_U
ClientSampleId :

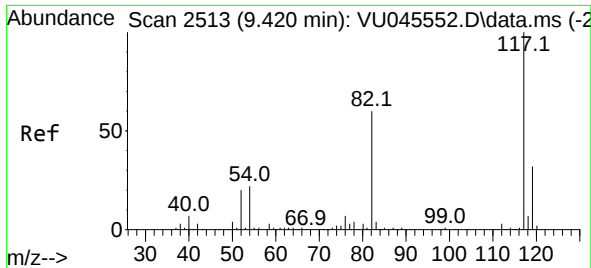
Tgt Ion:107 Resp: 28425
Ion Ratio Lower Upper
107 100
109 97.2 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 52.527 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.000 min
Lab File: VU045933.D
Acq: 22 Nov 2021 23:31

Tgt Ion: 95 Resp: 90752
Ion Ratio Lower Upper
95 100
174 75.2 0.0 141.8
176 72.5 0.0 138.2

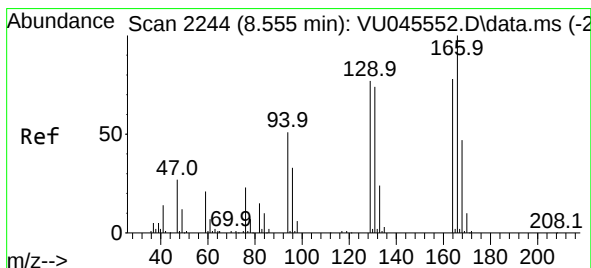
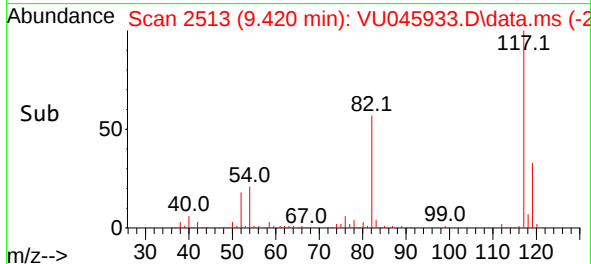
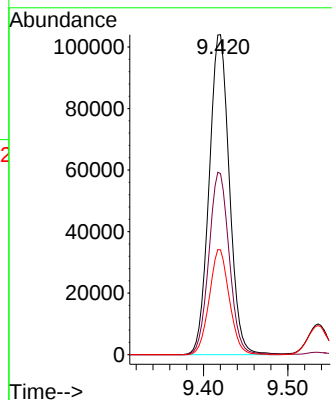
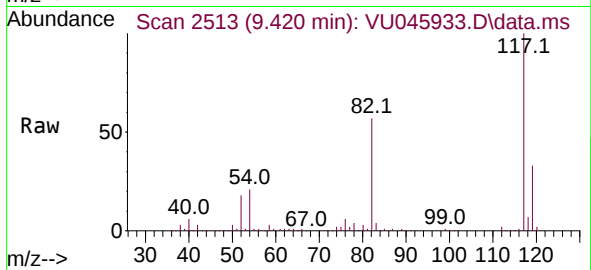




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045933.D
Acq: 22 Nov 2021 23:31

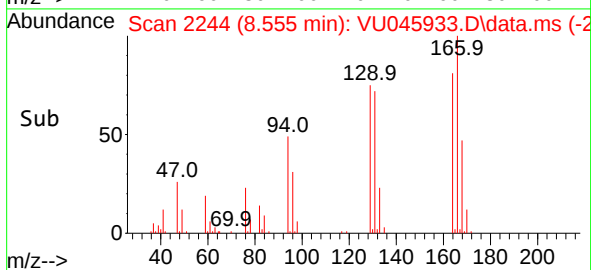
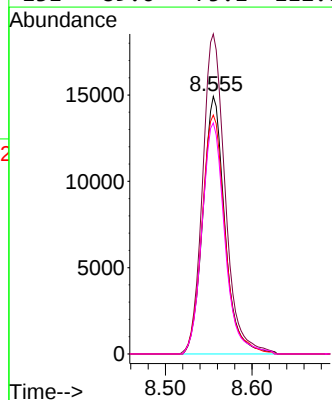
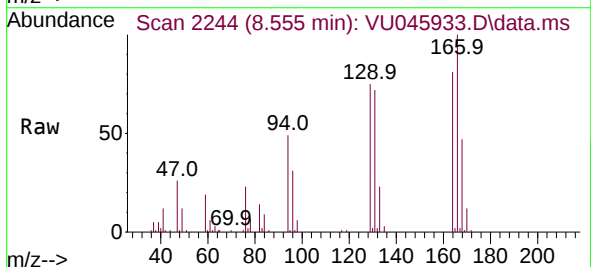
Instrument :
MSVOA_U
ClientSampleId :

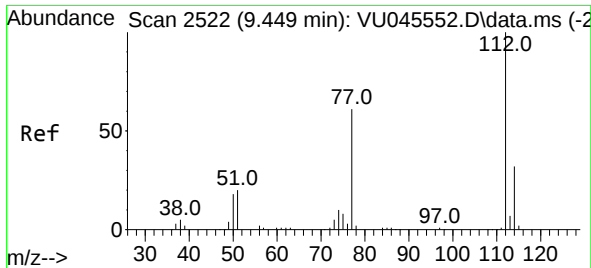
Tgt Ion:117 Resp: 173698
Ion Ratio Lower Upper
117 100
82 56.6 47.8 71.8
119 32.7 25.8 38.8



#64
Tetrachloroethene
Concen: 26.313 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU045933.D
Acq: 22 Nov 2021 23:31

Tgt Ion:164 Resp: 26233
Ion Ratio Lower Upper
164 100
166 124.2 102.2 153.4
129 92.7 78.2 117.4
131 89.6 75.1 112.7

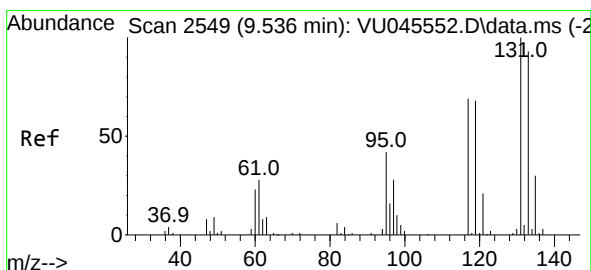
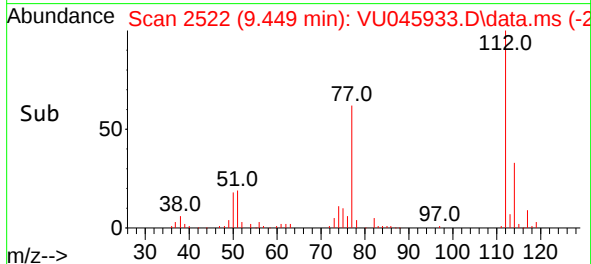
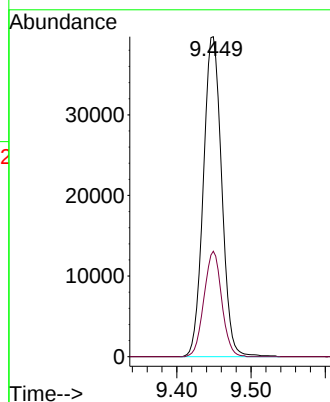
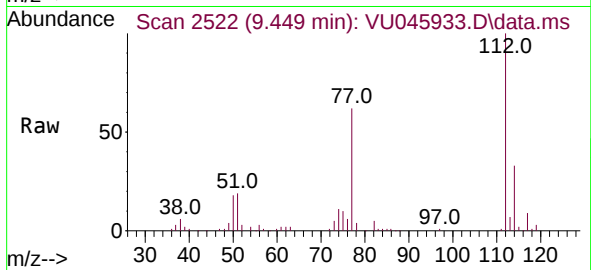




#65
Chlorobenzene
Concen: 19.933 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU045933.D
Acq: 22 Nov 2021 23:31

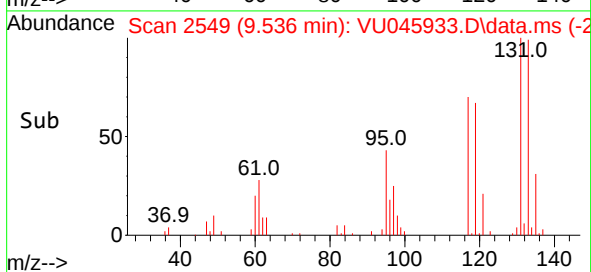
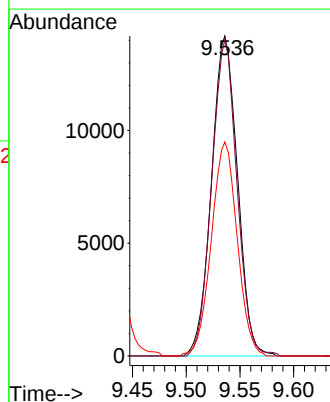
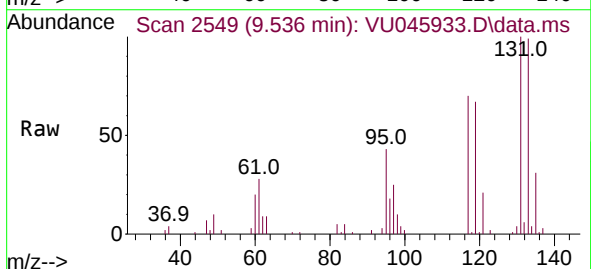
Instrument :
MSVOA_U
ClientSampleId :

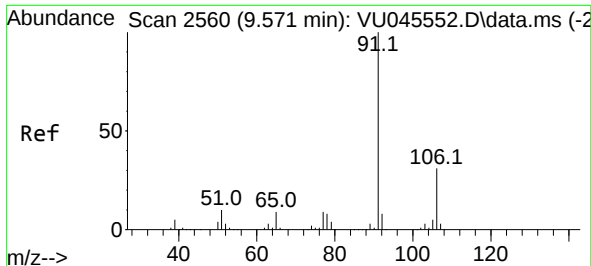
Tgt Ion:112 Resp: 68010
Ion Ratio Lower Upper
112 100
114 33.0 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 19.587 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. 0.000 min
Lab File: VU045933.D
Acq: 22 Nov 2021 23:31

Tgt Ion:131 Resp: 23835
Ion Ratio Lower Upper
131 100
133 96.2 47.9 143.6
119 66.6 34.5 103.6





#67

Ethyl Benzene

Concen: 19.969 ug/l

RT: 9.571 min Scan# 2560

Delta R.T. 0.000 min

Lab File: VU045933.D

Acq: 22 Nov 2021 23:31

Instrument :

MSVOA_U

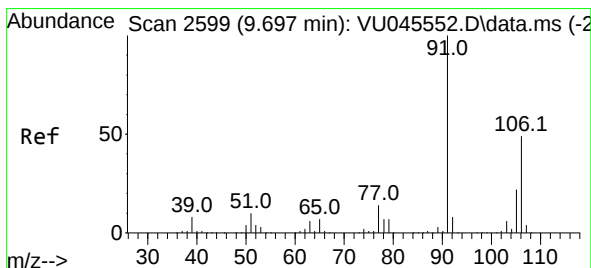
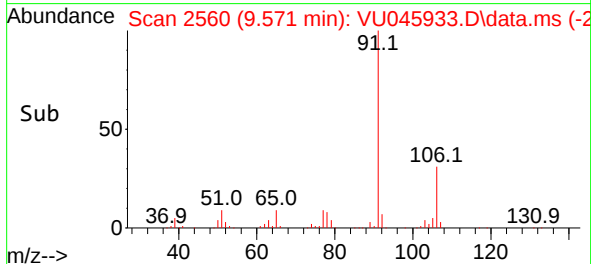
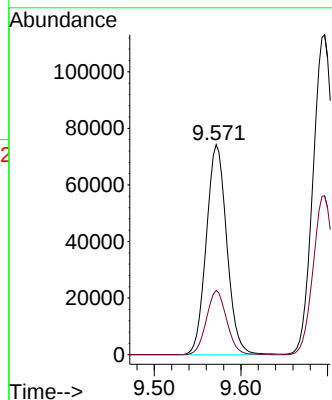
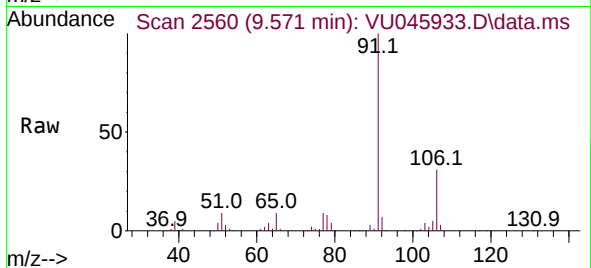
ClientSampleId :

Tgt Ion: 91 Resp: 122009

Ion Ratio Lower Upper

91 100

106 30.6 24.6 36.8



#68

m/p-Xylenes

Concen: 41.695 ug/l

RT: 9.697 min Scan# 2599

Delta R.T. 0.000 min

Lab File: VU045933.D

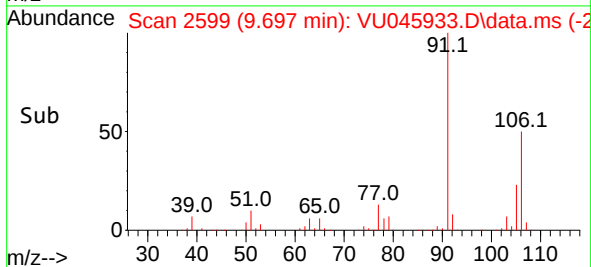
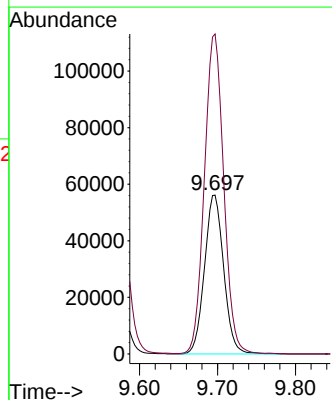
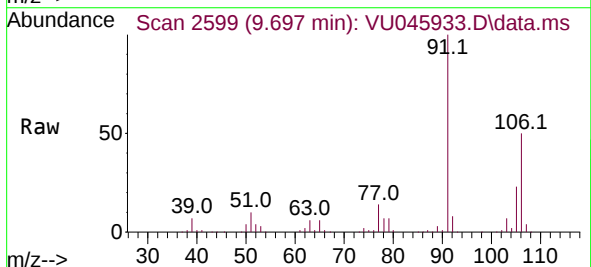
Acq: 22 Nov 2021 23:31

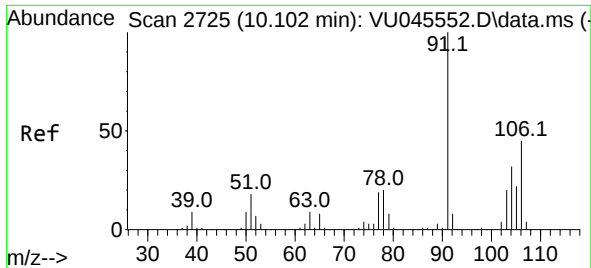
Tgt Ion: 106 Resp: 96077

Ion Ratio Lower Upper

106 100

91 202.1 164.7 247.1

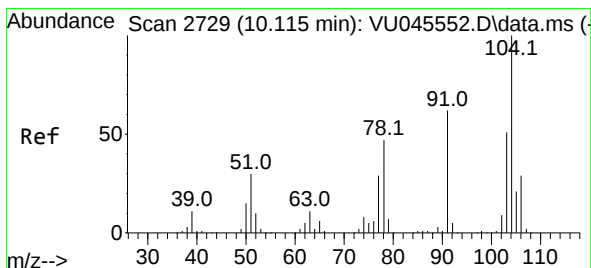
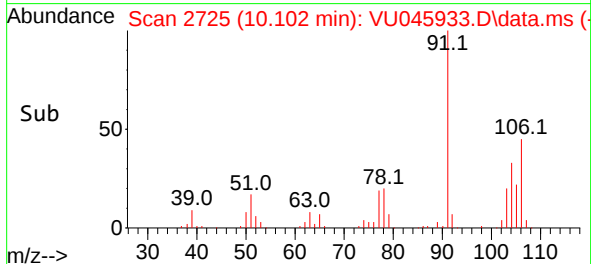
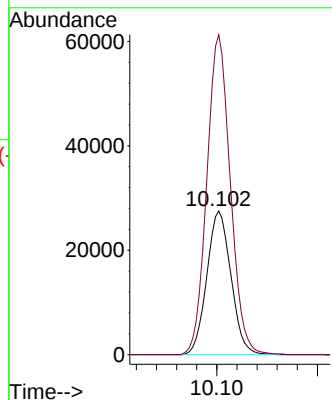
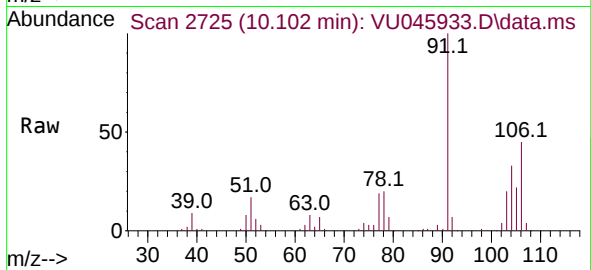




#69
o-Xylene
Concen: 20.457 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU045933.D
Acq: 22 Nov 2021 23:31

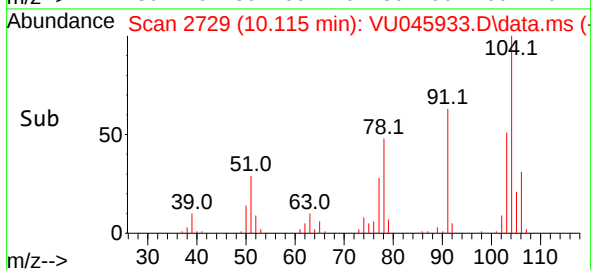
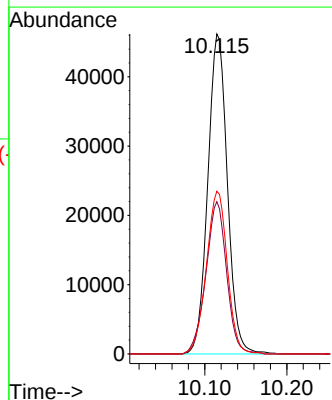
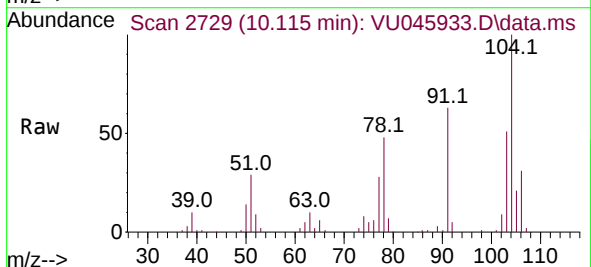
Instrument :
MSVOA_U
ClientSampleId :

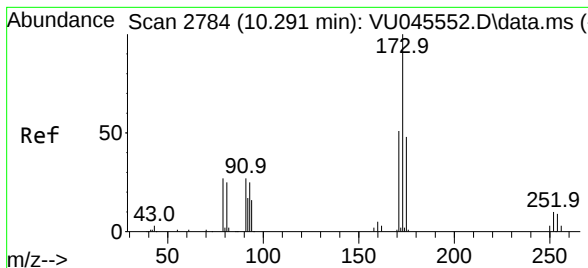
Tgt Ion:106 Resp: 45829
Ion Ratio Lower Upper
106 100
91 217.1 108.7 326.3



#70
Styrene
Concen: 20.200 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU045933.D
Acq: 22 Nov 2021 23:31

Tgt Ion:104 Resp: 76556
Ion Ratio Lower Upper
104 100
78 50.3 41.8 62.6
103 54.4 43.8 65.6





#71

Bromoform

Concen: 19.709 ug/l

RT: 10.292 min Scan# 21

Delta R.T. 0.001 min

Lab File: VU045933.D

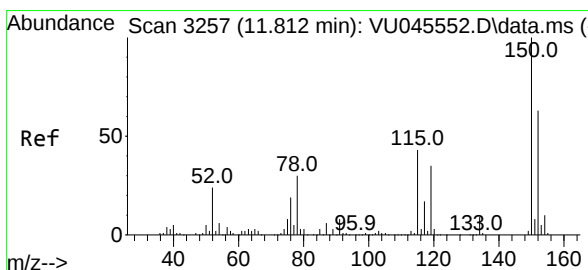
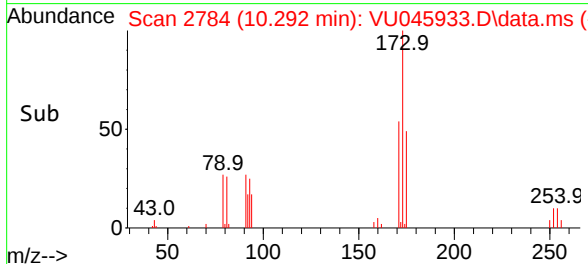
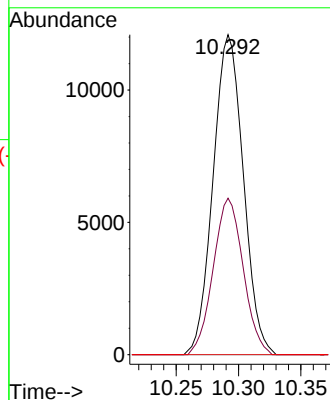
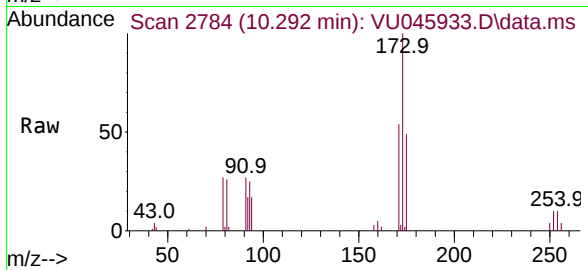
Acq: 22 Nov 2021 23:31

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:173	Resp:	20404
Ion Ratio	Lower	Upper
173	100	
175	48.5	24.1 72.2
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

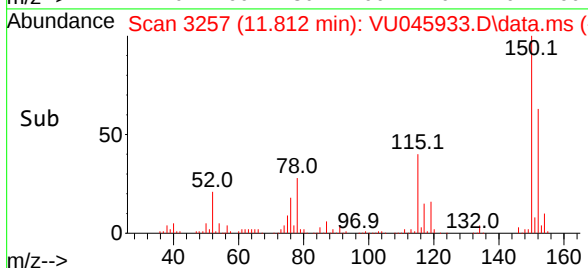
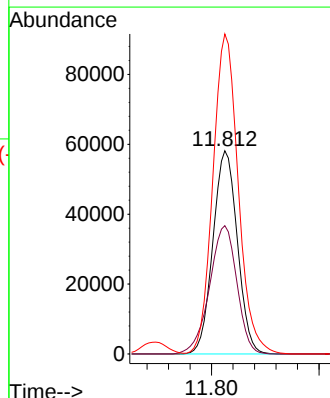
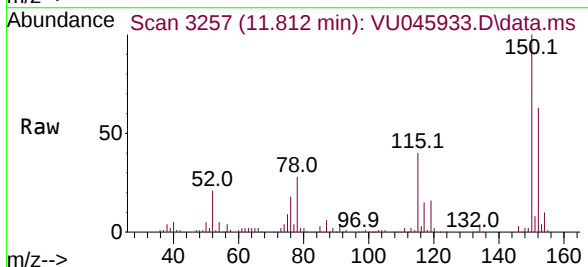
RT: 11.812 min Scan# 3257

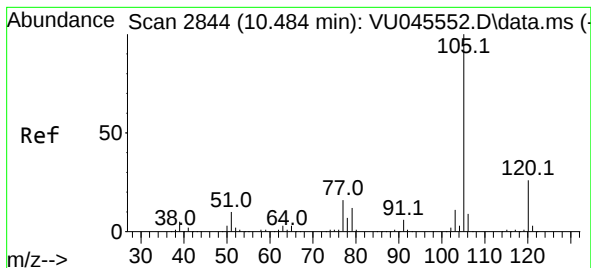
Delta R.T. 0.000 min

Lab File: VU045933.D

Acq: 22 Nov 2021 23:31

Tgt Ion:152	Resp:	91816
Ion Ratio	Lower	Upper
152	100	
115	70.4	42.7 128.1
150	163.3	0.0 346.8





#73

Isopropylbenzene

Concen: 20.190 ug/l

RT: 10.484 min Scan# 2844

Delta R.T. 0.000 min

Lab File: VU045933.D

Acq: 22 Nov 2021 23:31

Instrument :

MSVOA_U

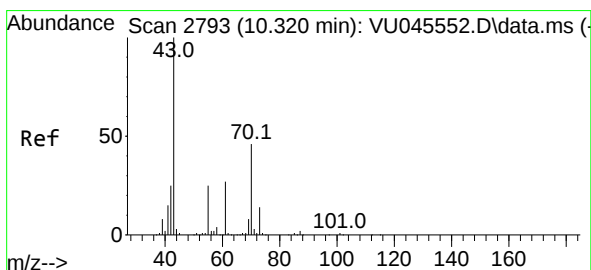
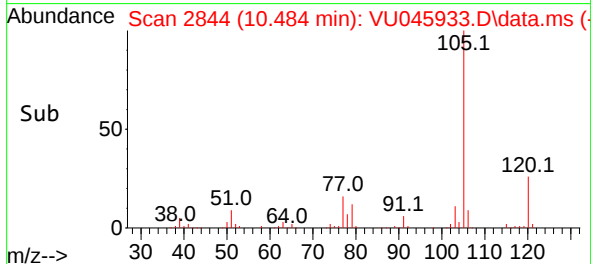
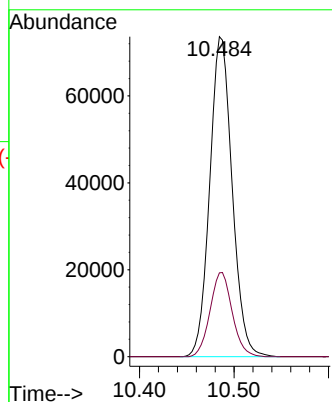
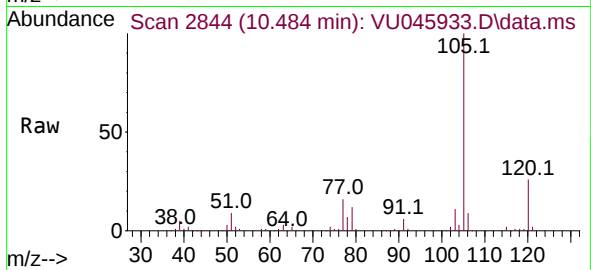
ClientSampleId :

Tgt Ion:105 Resp: 121126

Ion Ratio Lower Upper

105 100

120 26.0 12.9 38.6



#74

N-ethyl acetate

Concen: 15.494 ug/l

RT: 10.320 min Scan# 2793

Delta R.T. 0.000 min

Lab File: VU045933.D

Acq: 22 Nov 2021 23:31

Tgt Ion: 43 Resp: 41932

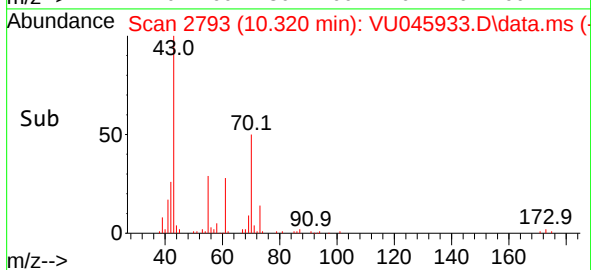
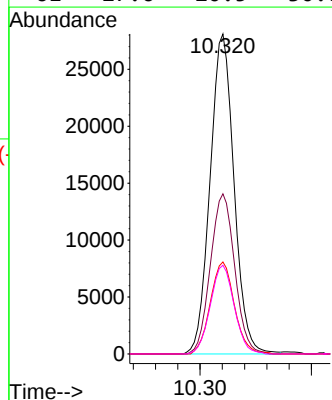
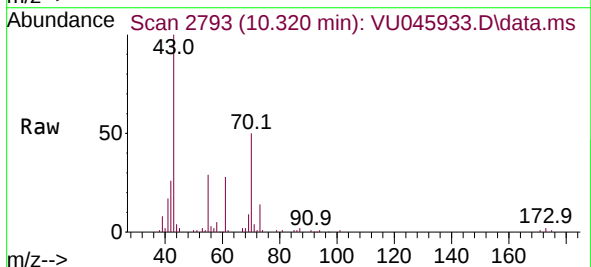
Ion Ratio Lower Upper

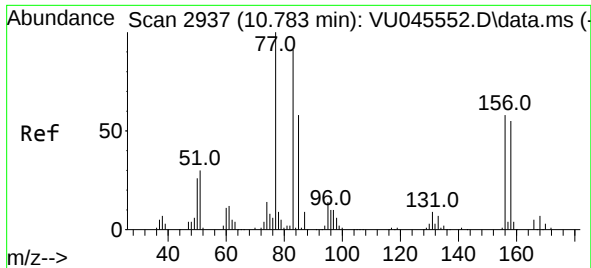
43 100

70 50.7 36.9 55.3

55 29.0 20.6 31.0

61 27.6 20.5 30.7

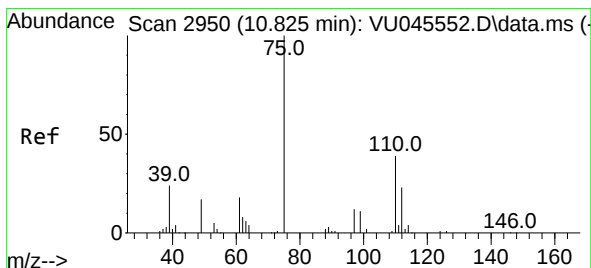
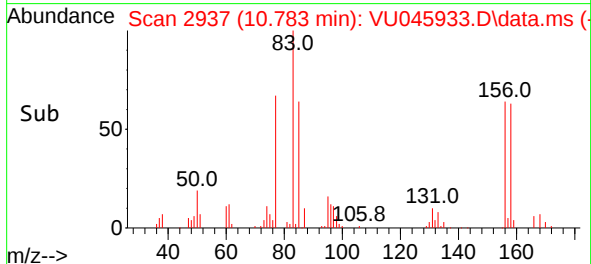
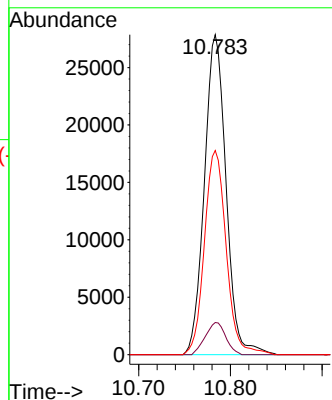
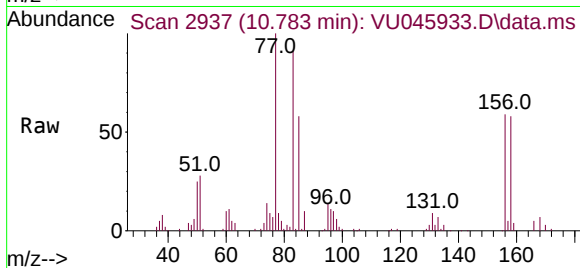




#75
1,1,2,2-Tetrachloroethane
Concen: 19.265 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU045933.D
Acq: 22 Nov 2021 23:31

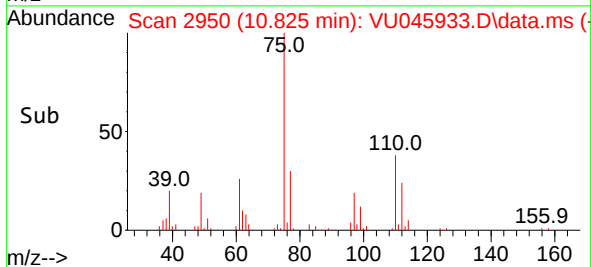
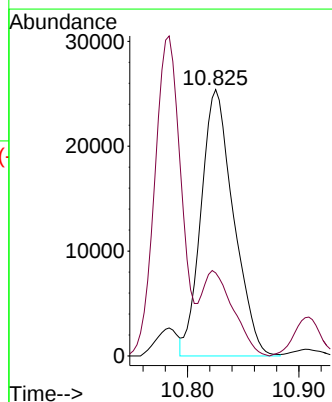
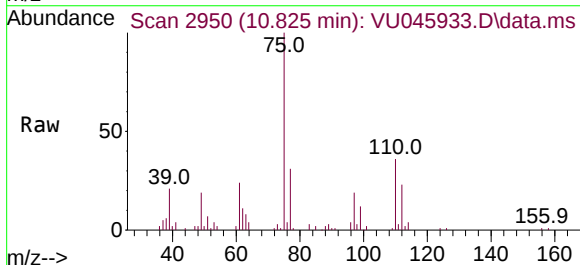
Instrument :
MSVOA_U
ClientSampleId :

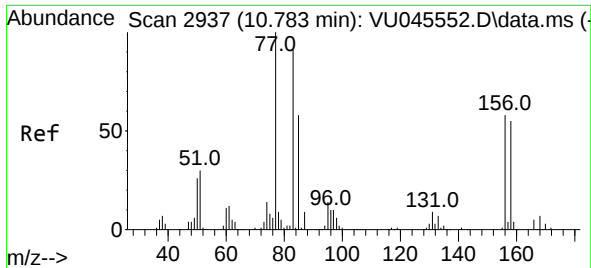
Tgt Ion: 83 Resp: 45790
Ion Ratio Lower Upper
83 100
131 9.5 4.4 13.2
85 64.2 31.9 95.9



#76
1,2,3-Trichloropropane
Concen: 18.496 ug/l
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU045933.D
Acq: 22 Nov 2021 23:31

Tgt Ion: 75 Resp: 51501
Ion Ratio Lower Upper
75 100
77 29.9 17.1 51.3

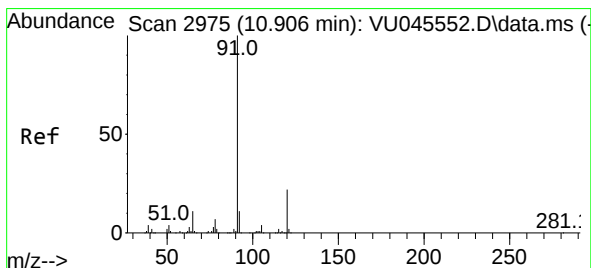
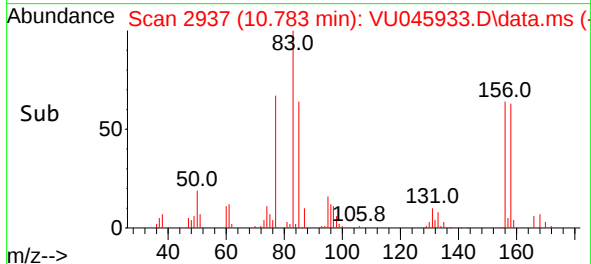
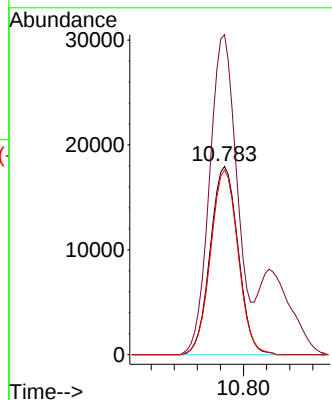
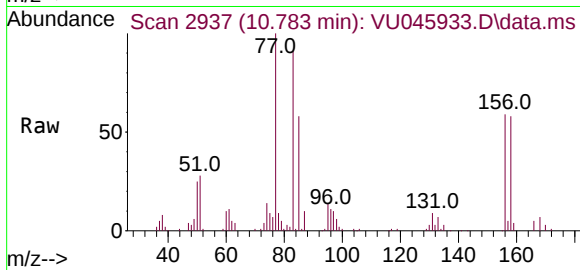




#77
Bromobenzene
Concen: 20.670 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU045933.D
Acq: 22 Nov 2021 23:31

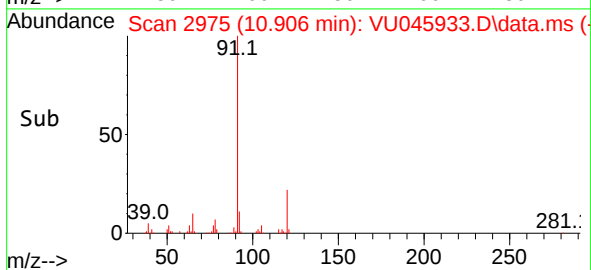
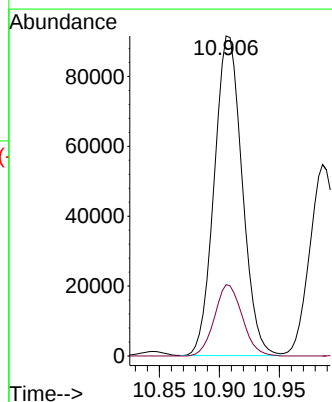
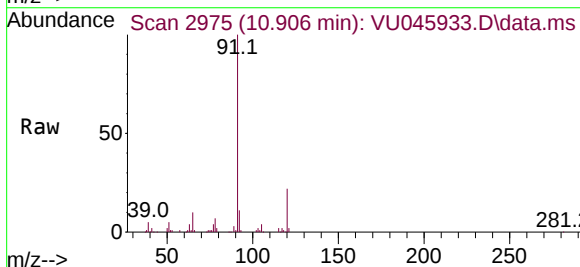
Instrument :
MSVOA_U
ClientSampleId :

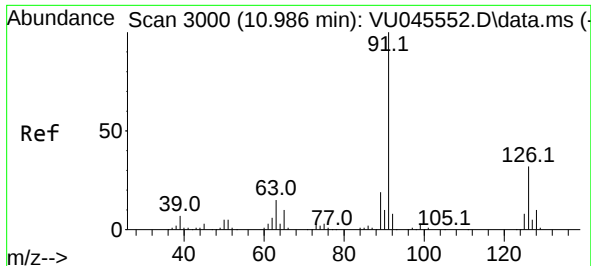
Tgt Ion:156 Resp: 30107
Ion Ratio Lower Upper
156 100
77 165.9 91.1 273.4
158 96.7 47.9 143.6



#78
n-propylbenzene
Concen: 19.832 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. 0.000 min
Lab File: VU045933.D
Acq: 22 Nov 2021 23:31

Tgt Ion: 91 Resp: 148077
Ion Ratio Lower Upper
91 100
120 22.2 10.9 32.7

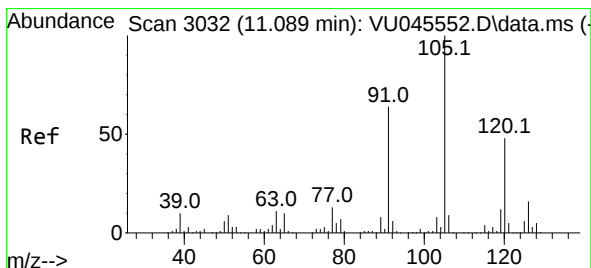
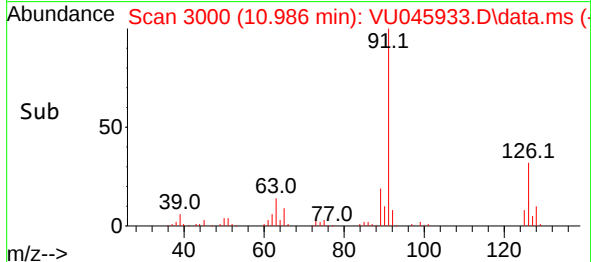
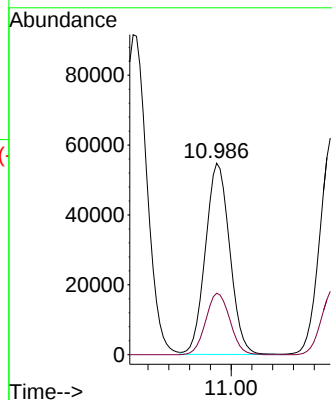
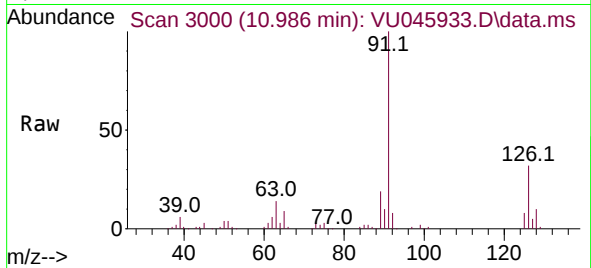




#79
2-Chlorotoluene
Concen: 20.162 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. 0.000 min
Lab File: VU045933.D
Acq: 22 Nov 2021 23:31

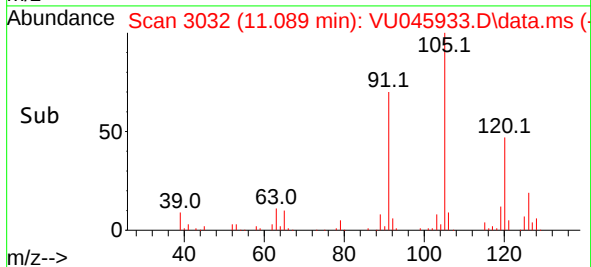
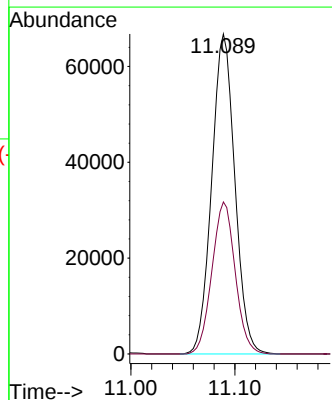
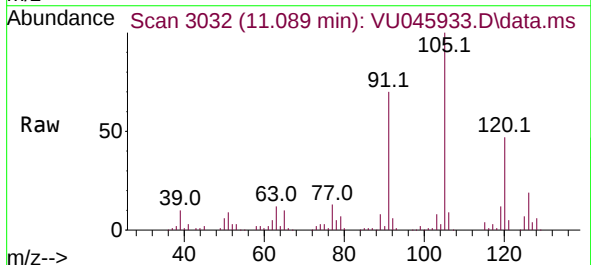
Instrument :
MSVOA_U
ClientSampleId :

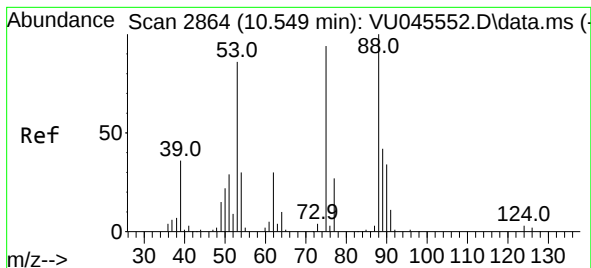
Tgt Ion: 91 Resp: 88943
Ion Ratio Lower Upper
91 100
126 31.9 15.6 46.8



#80
1,3,5-Trimethylbenzene
Concen: 19.700 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU045933.D
Acq: 22 Nov 2021 23:31

Tgt Ion: 105 Resp: 103257
Ion Ratio Lower Upper
105 100
120 47.7 23.9 71.8

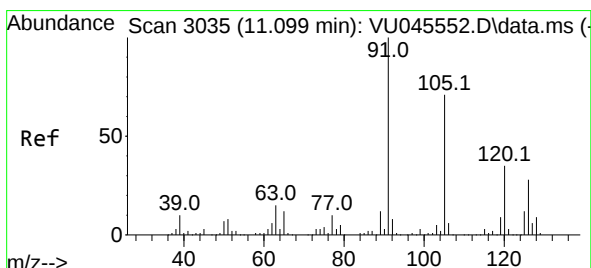
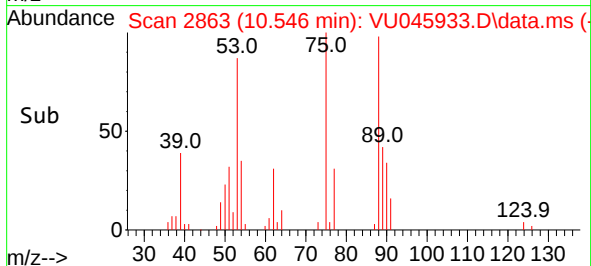
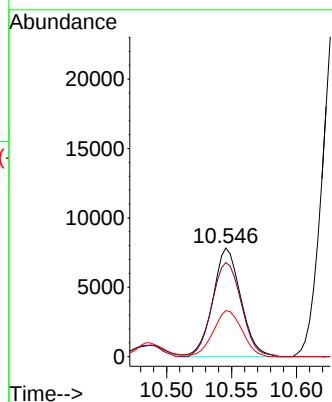
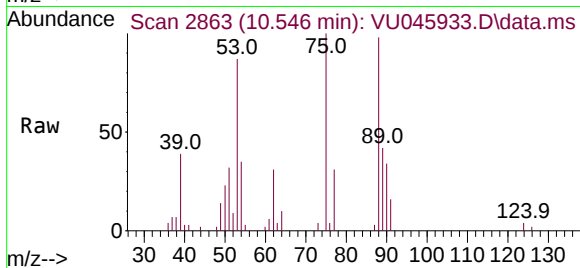




#81
trans-1,4-Dichloro-2-butene
Concen: 15.964 ug/l
RT: 10.546 min Scan# 2863
Delta R.T. -0.003 min
Lab File: VU045933.D
Acq: 22 Nov 2021 23:31

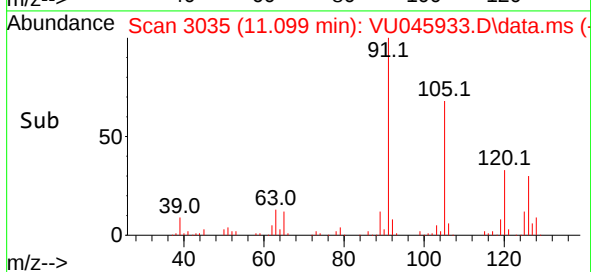
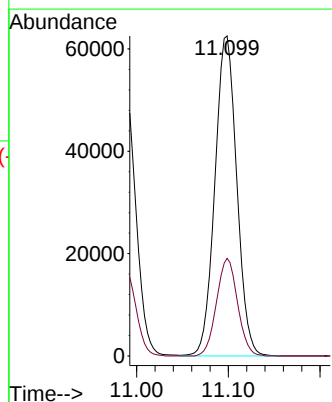
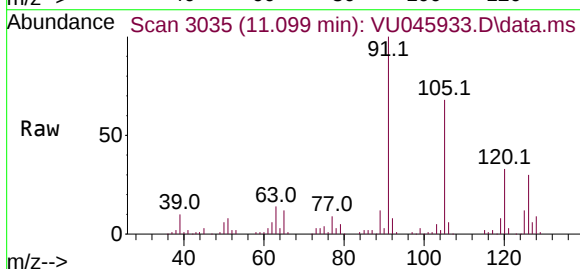
Instrument :
MSVOA_U
ClientSampleId :

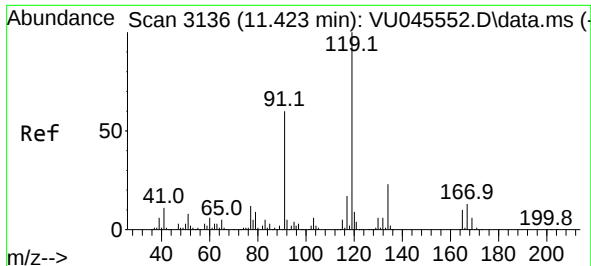
Tgt Ion: 75 Resp: 11727
Ion Ratio Lower Upper
75 100
53 90.8 76.2 114.4
89 43.6 34.0 51.0



#82
4-Chlorotoluene
Concen: 20.044 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VU045933.D
Acq: 22 Nov 2021 23:31

Tgt Ion: 91 Resp: 103695
Ion Ratio Lower Upper
91 100
126 29.3 13.8 41.4

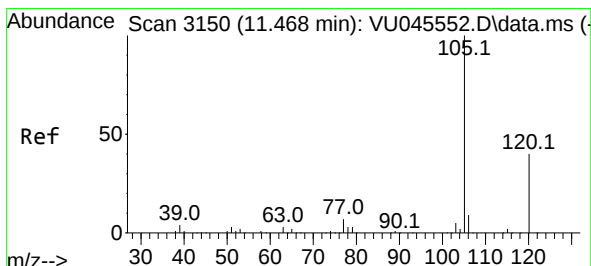
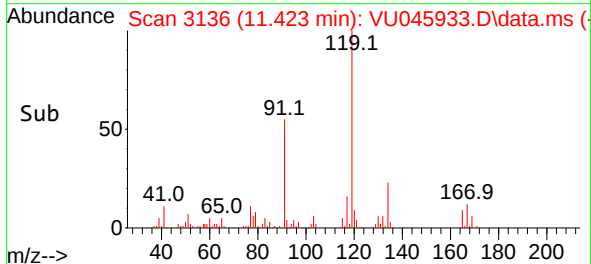
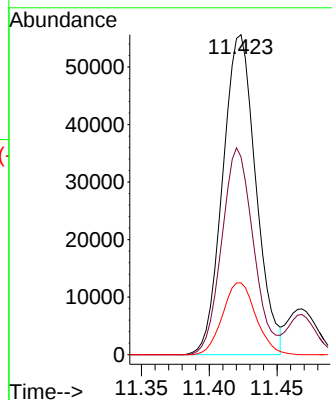
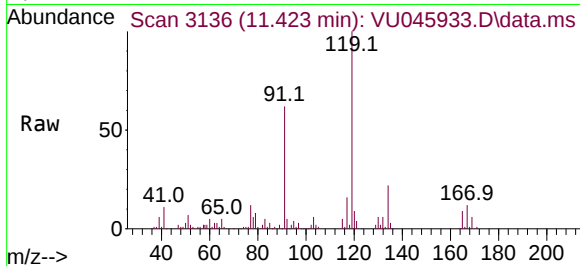




#83
tert-Butylbenzene
Concen: 18.951 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU045933.D
Acq: 22 Nov 2021 23:31

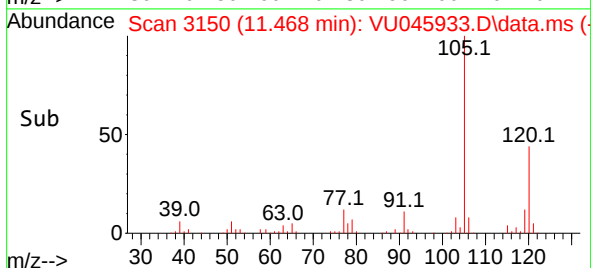
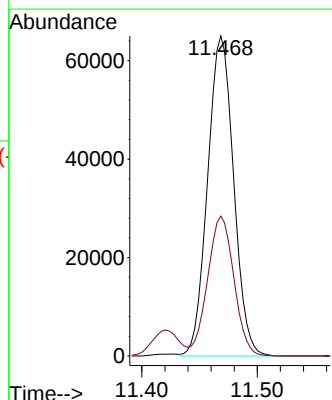
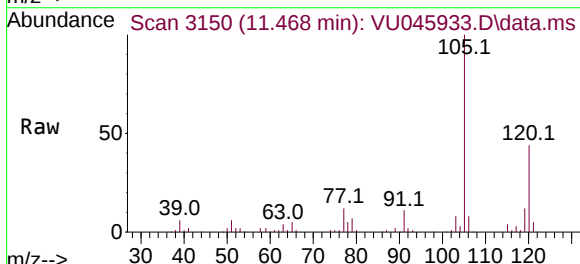
Instrument :
MSVOA_U
ClientSampleId :

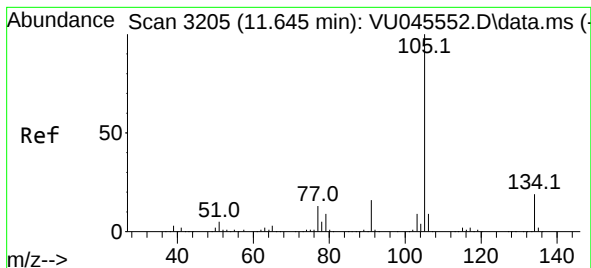
Tgt Ion:119 Resp: 94688
Ion Ratio Lower Upper
119 100
91 62.1 30.5 91.5
134 22.5 11.5 34.5



#84
1,2,4-Trimethylbenzene
Concen: 19.541 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU045933.D
Acq: 22 Nov 2021 23:31

Tgt Ion:105 Resp: 101798
Ion Ratio Lower Upper
105 100
120 44.2 22.2 66.6





#85

sec-Butylbenzene

Concen: 19.519 ug/l

RT: 11.645 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU045933.D

Acq: 22 Nov 2021 23:31

Instrument :

MSVOA_U

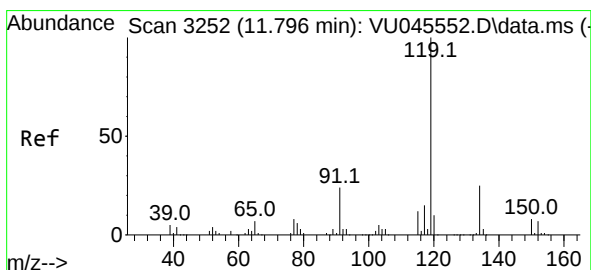
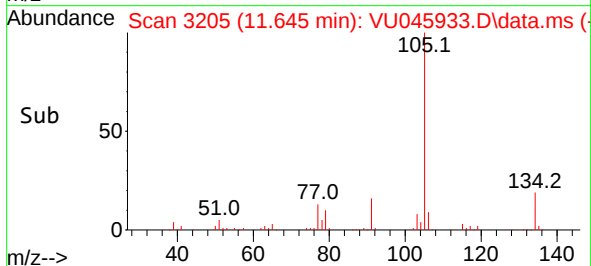
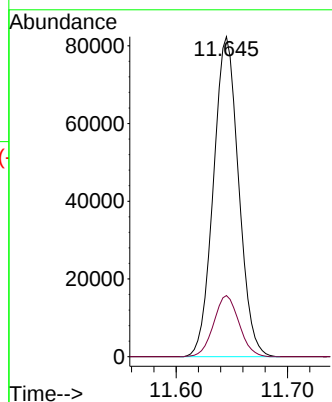
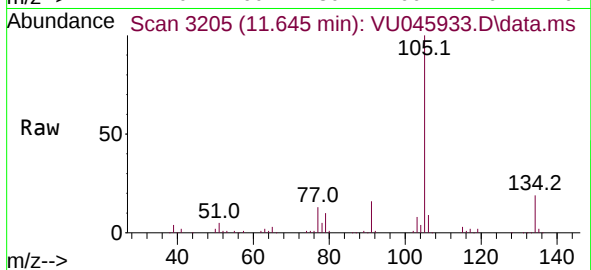
ClientSampleId :

Tgt Ion:105 Resp: 129347

Ion Ratio Lower Upper

105 100

134 19.2 9.4 28.3



#86

p-Isopropyltoluene

Concen: 19.298 ug/l

RT: 11.793 min Scan# 3251

Delta R.T. -0.003 min

Lab File: VU045933.D

Acq: 22 Nov 2021 23:31

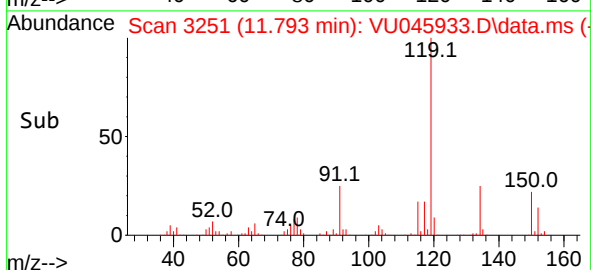
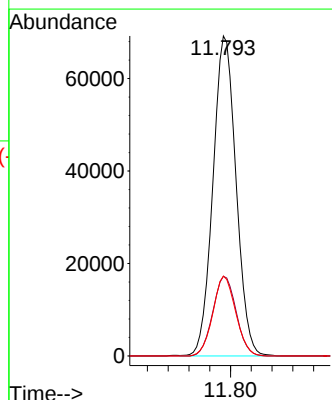
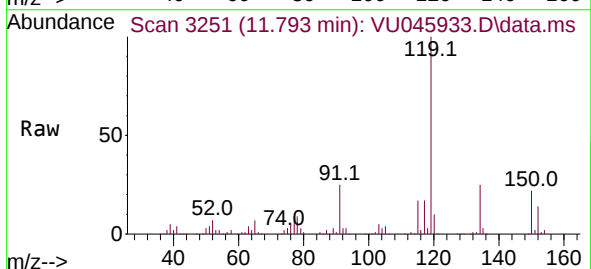
Tgt Ion:119 Resp: 106863

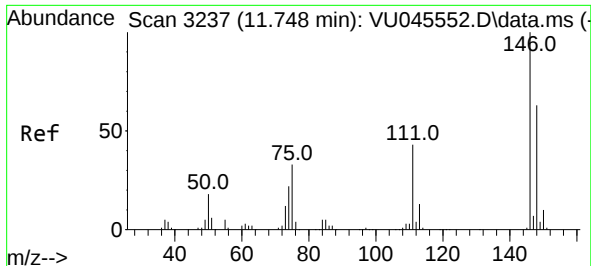
Ion Ratio Lower Upper

119 100

134 25.1 12.7 38.1

91 24.6 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 19.573 ug/l

RT: 11.745 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU045933.D

Acq: 22 Nov 2021 23:31

Instrument :

MSVOA_U

ClientSampleId :

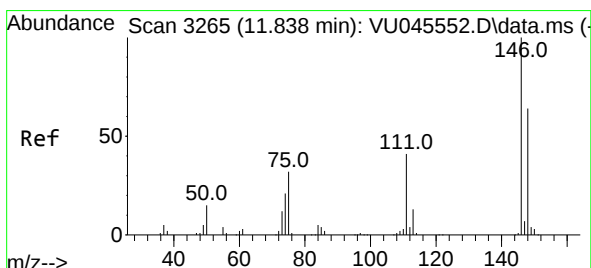
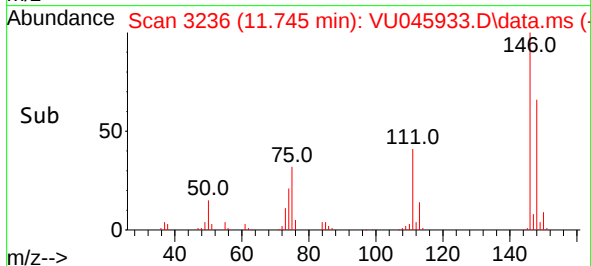
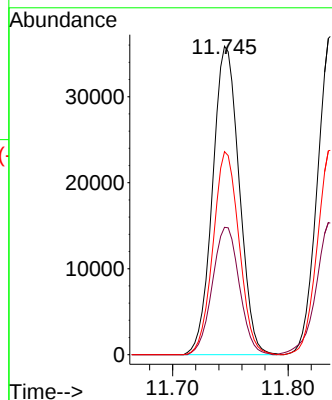
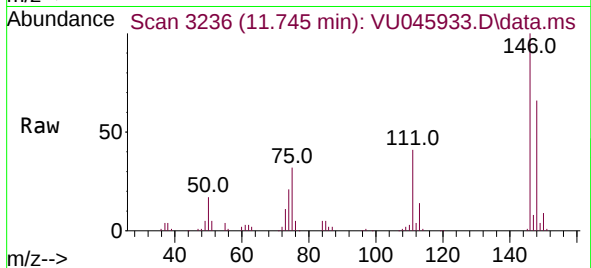
Tgt Ion:146 Resp: 57522

Ion Ratio Lower Upper

146 100

111 41.9 21.3 63.9

148 64.4 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 19.695 ug/l

RT: 11.838 min Scan# 3265

Delta R.T. 0.000 min

Lab File: VU045933.D

Acq: 22 Nov 2021 23:31

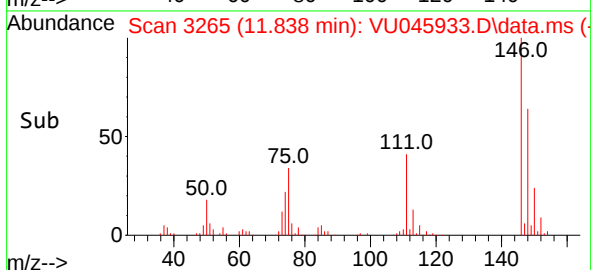
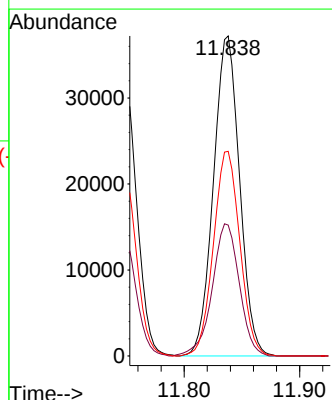
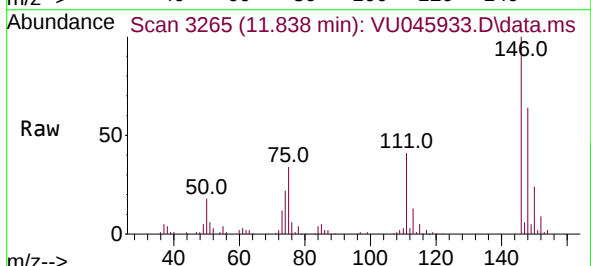
Tgt Ion:146 Resp: 58539

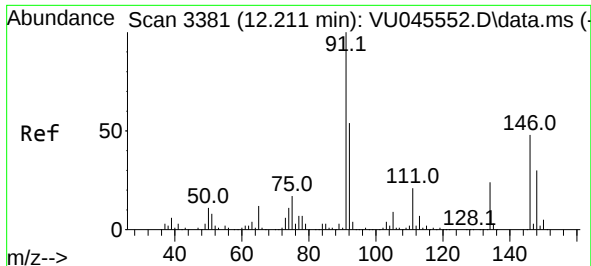
Ion Ratio Lower Upper

146 100

111 42.7 20.6 61.9

148 64.8 31.9 95.7





#89

n-Butylbenzene

Concen: 17.944 ug/l

RT: 12.211 min Scan# 3381

Delta R.T. 0.000 min

Lab File: VU045933.D

Acq: 22 Nov 2021 23:31

Instrument :

MSVOA_U

ClientSampleId :

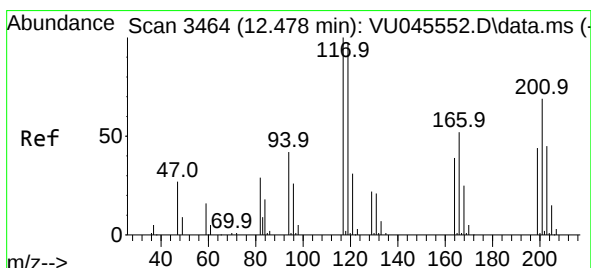
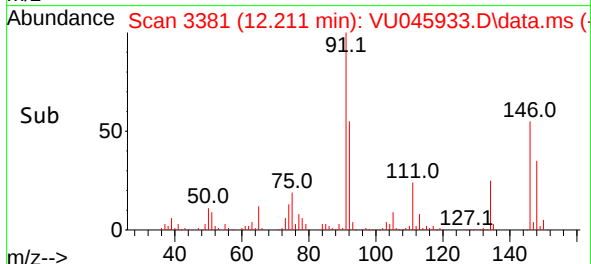
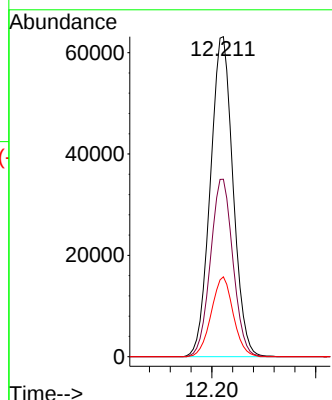
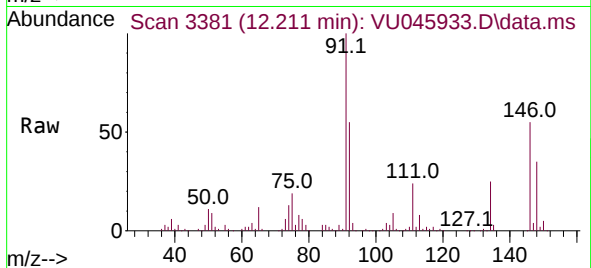
Tgt Ion: 91 Resp: 95717

Ion Ratio Lower Upper

91 100

92 54.9 27.1 81.2

134 24.2 11.8 35.4



#90

Hexachloroethane

Concen: 15.468 ug/l

RT: 12.475 min Scan# 3463

Delta R.T. -0.003 min

Lab File: VU045933.D

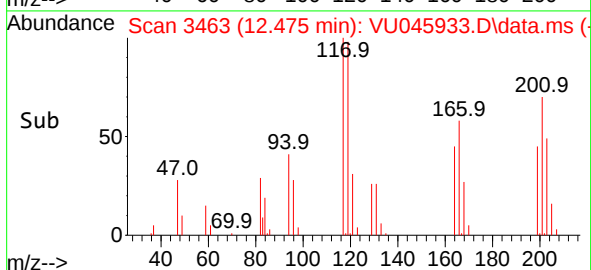
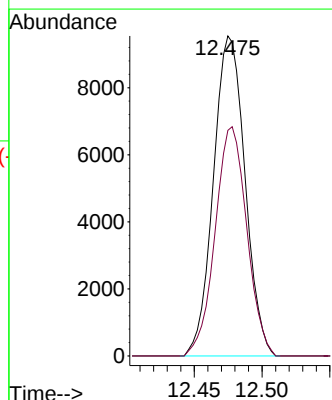
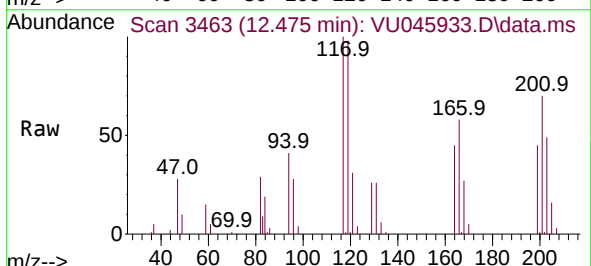
Acq: 22 Nov 2021 23:31

Tgt Ion: 117 Resp: 15452

Ion Ratio Lower Upper

117 100

201 71.9 33.8 101.4





#91

1,2-Dichlorobenzene

Concen: 19.878 ug/l

RT: 12.214 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU045933.D

Acq: 22 Nov 2021 23:31

Instrument :

MSVOA_U

ClientSampleId :

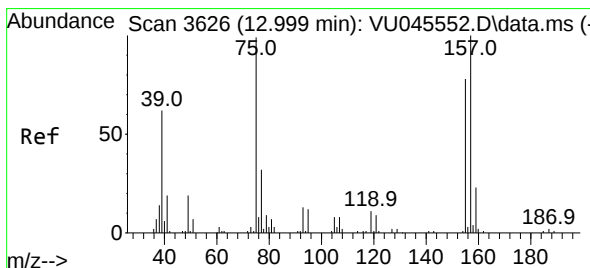
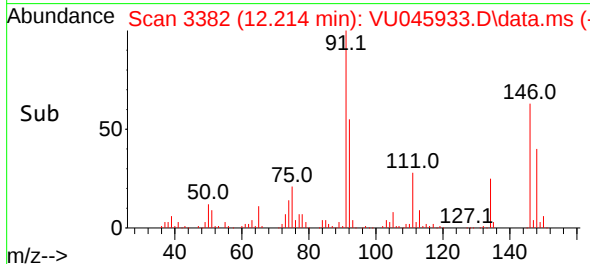
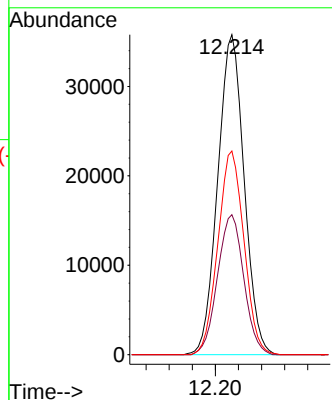
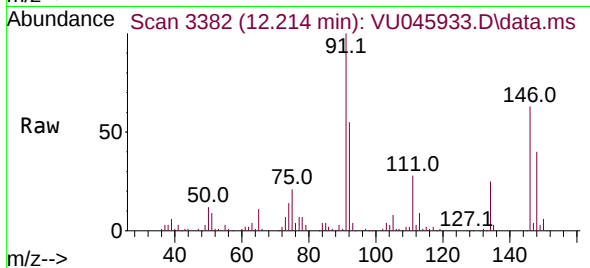
Tgt Ion:146 Resp: 56835

Ion Ratio Lower Upper

146 100

111 43.5 21.9 65.5

148 62.9 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.264 ug/l

RT: 12.996 min Scan# 3625

Delta R.T. -0.003 min

Lab File: VU045933.D

Acq: 22 Nov 2021 23:31

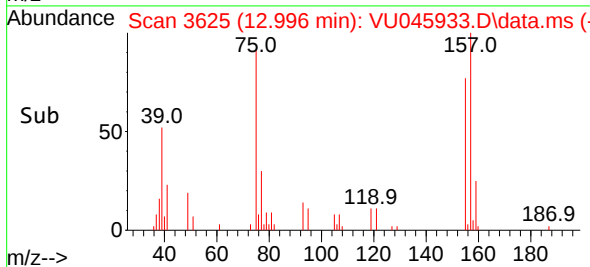
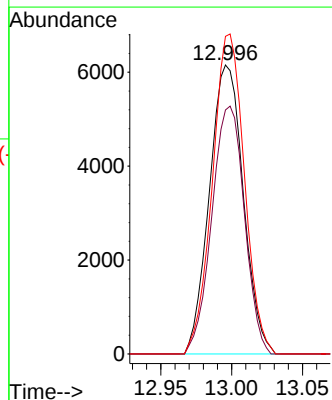
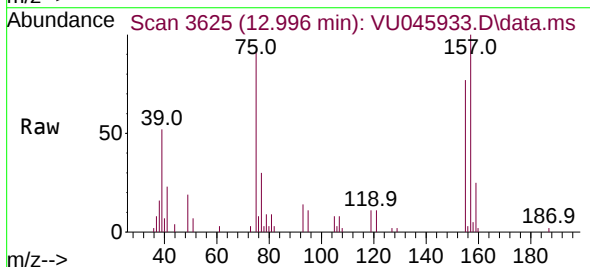
Tgt Ion: 75 Resp: 10243

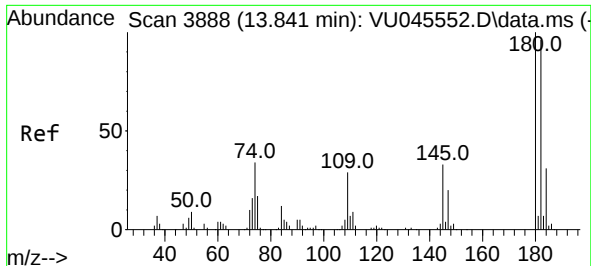
Ion Ratio Lower Upper

75 100

155 82.4 37.8 113.3

157 104.6 48.4 145.2

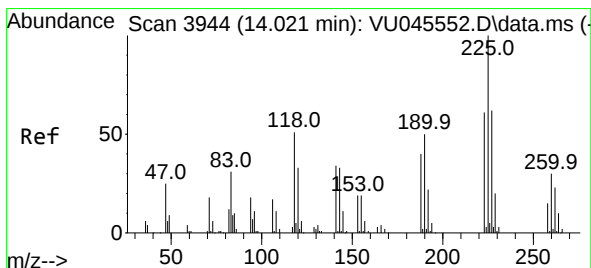
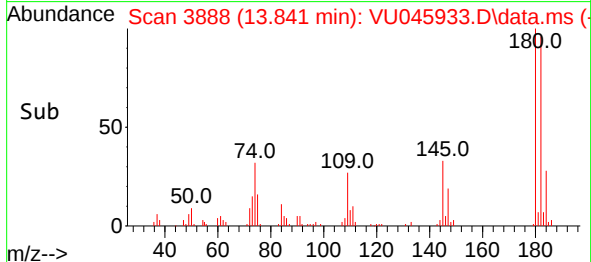
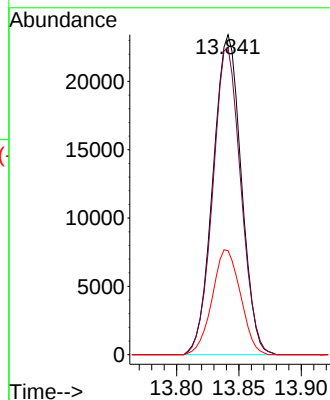
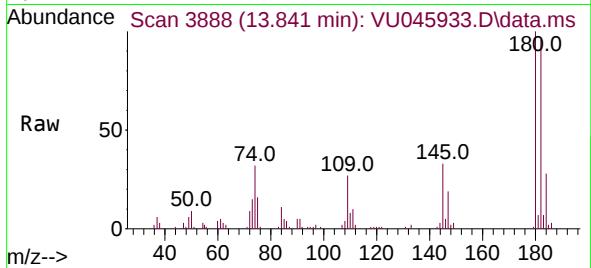




#93
 1,2,4-Trichlorobenzene
 Concen: 18.686 ug/l
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU045933.D
 Acq: 22 Nov 2021 23:31

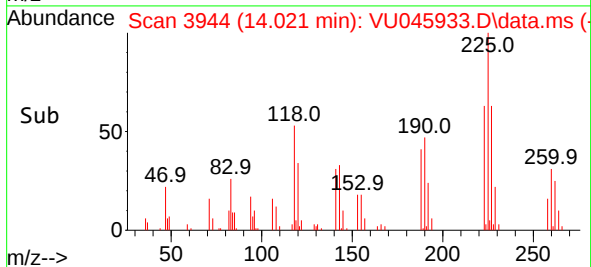
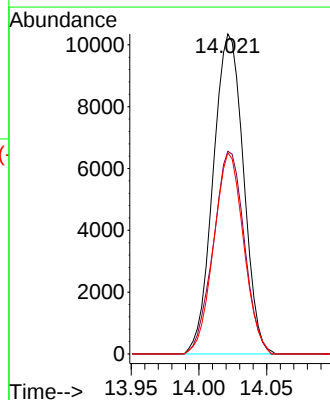
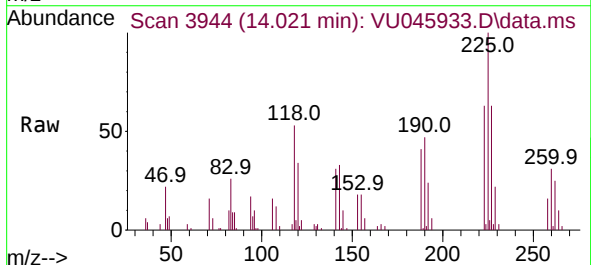
Instrument :
 MSVOA_U
 ClientSampleId :

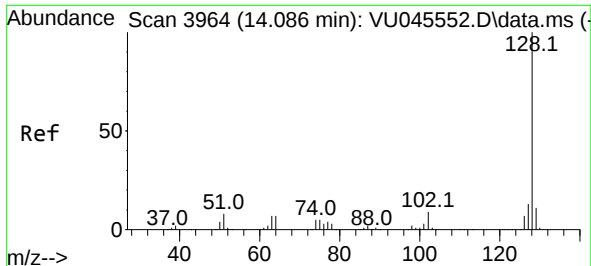
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.0	141.2
145	32.9	15.6	46.7



#94
 Hexachlorobutadiene
 Concen: 18.860 ug/l
 RT: 14.021 min Scan# 3944
 Delta R.T. 0.000 min
 Lab File: VU045933.D
 Acq: 22 Nov 2021 23:31

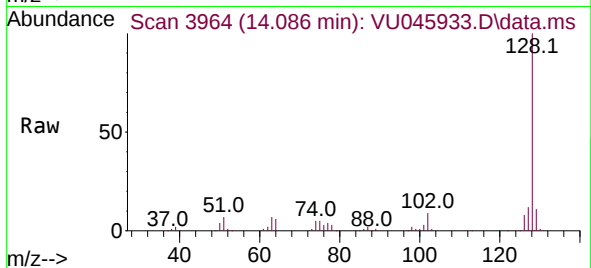
Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.6	32.0	96.2
227	62.0	31.1	93.5



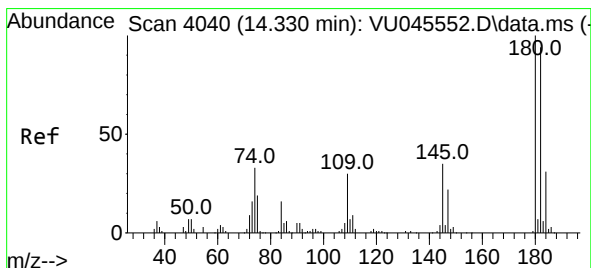
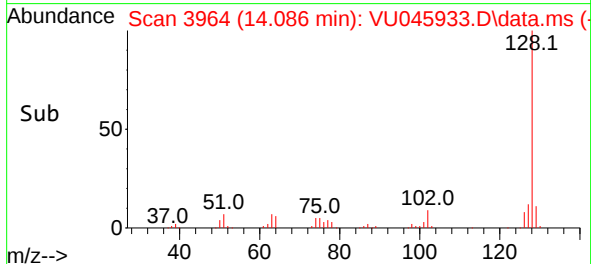
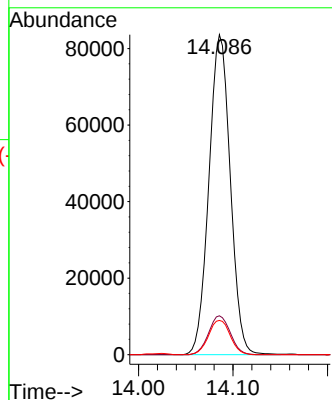


#95
Naphthalene
Concen: 18.324 ug/l
RT: 14.086 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU045933.D
Acq: 22 Nov 2021 23:31

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 131239
Ion Ratio Lower Upper
128 100
127 12.3 10.6 15.8
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.461 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU045933.D
Acq: 22 Nov 2021 23:31

Tgt Ion:180 Resp: 38214
Ion Ratio Lower Upper
180 100
182 94.6 47.7 143.1
145 33.2 16.7 50.0

