

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102921\
 Data File : VU045451.D
 Acq On : 28 Oct 2021 21:12
 Operator : SY/MD
 Sample : VSTDIC150
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 29 04:05:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U102821W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 29 04:00:46 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.378	168	199888	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	369537	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	355769	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	181758	50.000	ug/l	# 0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.706	65	469419	140.713	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 281.420%#	
35) Dibromofluoromethane	5.295	113	349537	148.760	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 297.520%#	
50) Toluene-d8	7.902	98	1381121	148.546	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 297.100%#	
62) 4-Bromofluorobenzene	10.635	95	543929	144.559	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 289.120%#	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.385	85	439053	174.269	ug/l	99
3) Chloromethane	1.520	50	573664	172.099	ug/l	99
4) Vinyl Chloride	1.604	62	515397	160.586	ug/l	100
5) Bromomethane	1.858	94	267505	190.485	ug/l	100
6) Chloroethane	1.932	64	212750	89.453	ug/l	99
7) Trichlorofluoromethane	2.134	101	577122	139.692	ug/l	100
8) Diethyl Ether	2.379	74	269819	142.089	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.581	101	348850	147.102	ug/l	100
10) Methyl Iodide	2.723	142	381675	162.776	ug/l	100
11) Tert butyl alcohol	3.215	59	291283	321.760	ug/l	98
12) 1,1-Dichloroethene	2.578	96	361320	154.207	ug/l	97
13) Acrolein	2.491	56	122534	608.066	ug/l	100
14) Allyl chloride	2.925	41	652183	150.144	ug/l	100
15) Acrylonitrile	3.324	53	1330226	706.842	ug/l	99
16) Acetone	2.642	43	1071851	570.338	ug/l	100
17) Carbon Disulfide	2.793	76	1061204	153.144	ug/l	100
18) Methyl Acetate	2.954	43	850741	149.230	ug/l	100
19) Methyl tert-butyl Ether	3.369	73	1325821	147.613	ug/l	100
20) Methylene Chloride	3.047	84	429683	145.998	ug/l	99
21) trans-1,2-Dichloroethene	3.356	96	383631	149.713	ug/l	99
22) Diisopropyl ether	3.996	45	1290264	146.085	ug/l	99
23) Vinyl Acetate	3.960	43	5137321	723.306	ug/l	100
24) 1,1-Dichloroethane	3.874	63	747129	147.225	ug/l	99
25) 2-Butanone	4.710	43	1721741	638.729	ug/l	99
26) 2,2-Dichloropropane	4.668	77	577702	136.911	ug/l	100
27) cis-1,2-Dichloroethene	4.671	96	450208	148.977	ug/l	100
28) Bromochloromethane	4.980	49	318157	147.568	ug/l	100
29) Tetrahydrofuran	5.057	42	1108721	682.492	ug/l	100
30) Chloroform	5.092	83	713234	140.526	ug/l	99
31) Cyclohexane	5.391	56	707545	141.643	ug/l	98
32) 1,1,1-Trichloroethane	5.321	97	604696	144.414	ug/l	98
36) 1,1-Dichloropropene	5.530	75	553318	145.633	ug/l	99
37) Ethyl Acetate	4.809	43	655160	131.960	ug/l	99
38) Carbon Tetrachloride	5.530	117	484552	147.872	ug/l	99
39) Methylcyclohexane	6.767	83	709275	151.880	ug/l	100
40) Benzene	5.777	78	1636641	144.453	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.976	41	363295	141.937	ug/l	99
42) 1,2-Dichloroethane	5.800	62	590107	134.058	ug/l	99
43) Isopropyl Acetate	5.915	43	1037498	138.915	ug/l	99
44) Trichloroethene	6.546	130	387128	145.122	ug/l	100
45) 1,2-Dichloropropane	6.793	63	436438	145.290	ug/l	99
46) Dibromomethane	6.922	93	290122	143.891	ug/l	99
47) Bromodichloromethane	7.111	83	578505	147.617	ug/l	99
48) Methyl methacrylate	6.964	41	503250	139.005	ug/l	99
49) 1,4-Dioxane	7.021	88	216537	2552.494	ug/l #	100
51) 4-Methyl-2-Pentanone	7.800	43	3377014	633.573	ug/l	99
52) Toluene	7.973	92	1021549	144.526	ug/l	100
53) t-1,3-Dichloropropene	8.214	75	684783	153.793	ug/l	99
54) cis-1,3-Dichloropropene	7.610	75	721565	154.172	ug/l	99
55) 1,1,2-Trichloroethane	8.404	97	409726	139.942	ug/l	99
56) Ethyl methacrylate	8.336	69	741210	147.013	ug/l	99
57) 1,3-Dichloropropane	8.581	76	732550	140.011	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.468	63	1919748	1166.887	ug/l	99
59) 2-Hexanone	8.693	43	2644449	616.560	ug/l	99
60) Dibromochloromethane	8.816	129	413691	149.597	ug/l	99
61) 1,2-Dibromoethane	8.928	107	443473	143.019	ug/l	99
64) Tetrachloroethene	8.558	164	312347	137.642	ug/l	99
65) Chlorobenzene	9.449	112	1043970	142.716	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.539	131	368685	145.328	ug/l	99
67) Ethyl Benzene	9.574	91	1978989	147.224	ug/l	99
68) m/p-Xylenes	9.697	106	1501508	287.826	ug/l	100
69) o-Xylene	10.105	106	736495	142.769	ug/l	100
70) Styrene	10.118	104	1281713	148.666	ug/l	99
71) Bromoform	10.295	173	320871	150.979	ug/l #	99
73) Isopropylbenzene	10.488	105	1895621	141.541	ug/l	100
74) N-amyl acetate	10.324	43	964776	145.427	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.787	83	747911	131.727	ug/l	100
76) 1,2,3-Trichloropropane	10.832	75	883588	169.512	ug/l	94
77) Bromobenzene	10.787	156	447747	139.367	ug/l	100
78) n-propylbenzene	10.909	91	2358104	144.839	ug/l	100
79) 2-Chlorotoluene	10.989	91	1380751	135.782	ug/l	99
80) 1,3,5-Trimethylbenzene	11.092	105	1638380	140.673	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.552	75	270763	147.091	ug/l	96
82) 4-Chlorotoluene	11.098	91	1617658	140.980	ug/l	100
83) tert-Butylbenzene	11.423	119	1598484	141.591	ug/l	98
84) 1,2,4-Trimethylbenzene	11.471	105	1655774	143.934	ug/l	99
85) sec-Butylbenzene	11.648	105	2096388	143.846	ug/l	100
86) p-Isopropyltoluene	11.796	119	1729683	147.620	ug/l	100
87) 1,3-Dichlorobenzene	11.751	146	872959	142.393	ug/l	99
88) 1,4-Dichlorobenzene	11.841	146	877872	139.766	ug/l	100
89) n-Butylbenzene	12.211	91	1718757	158.076	ug/l	99
90) Hexachloroethane	12.481	117	312230	147.765	ug/l	96
91) 1,2-Dichlorobenzene	12.217	146	870810	139.217	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.999	75	185194	137.731	ug/l	97
93) 1,2,4-Trichlorobenzene	13.844	180	605808	168.476	ug/l	100
94) Hexachlorobutadiene	14.024	225	227017	153.795	ug/l	100
95) Naphthalene	14.089	128	2214063	162.998	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	594329	163.807	ug/l	99

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MSVOA_U
ClientSampleId :

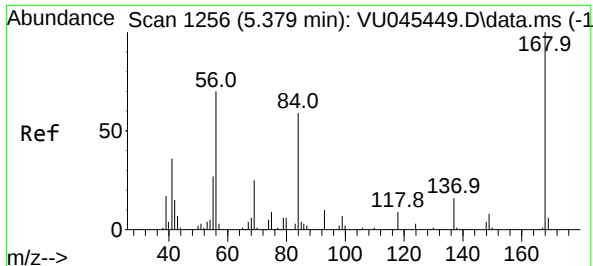
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

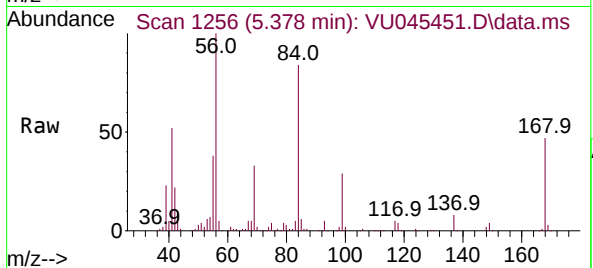
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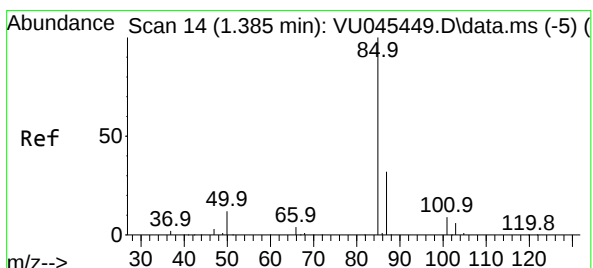
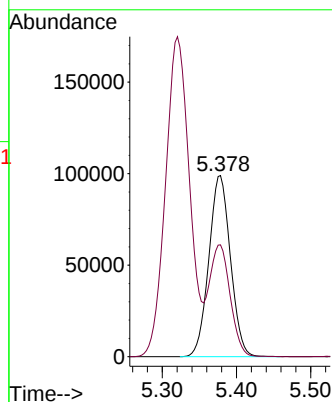
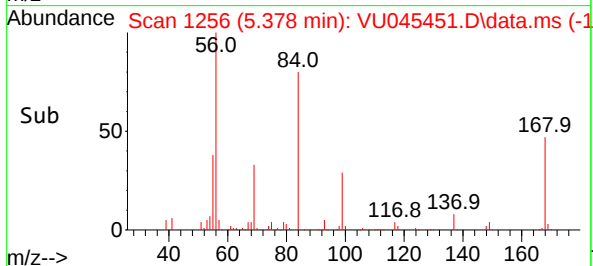


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. -0.001 min
Lab File: VU045451.D
Acq: 28 Oct 2021 21:12

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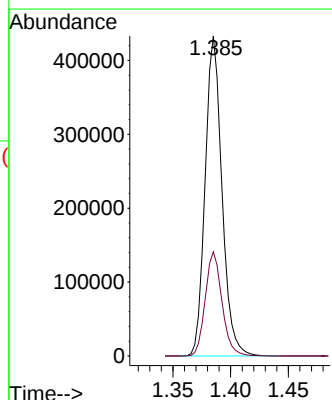
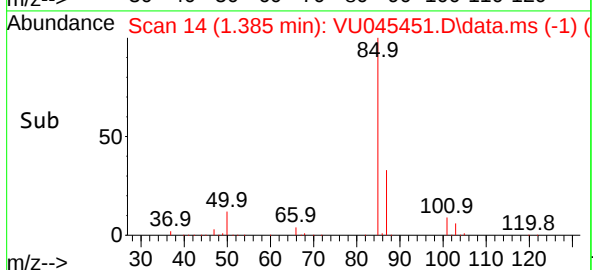
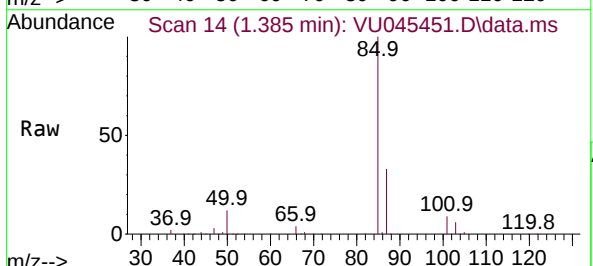


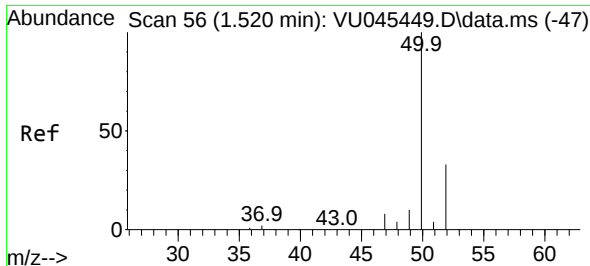
Tgt Ion:168 Resp: 199888
Ion Ratio Lower Upper
168 100
99 61.6 51.0 76.6



#2
Dichlorodifluoromethane
Concen: 174.269 ug/l
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU045451.D
Acq: 28 Oct 2021 21:12

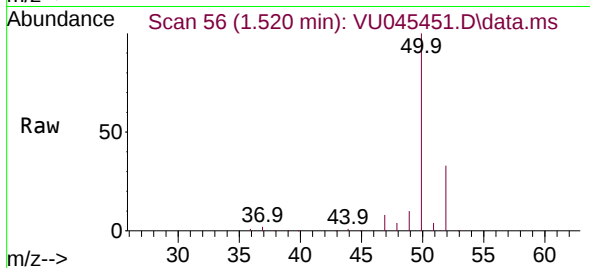
Tgt Ion: 85 Resp: 439053
Ion Ratio Lower Upper
85 100
87 32.5 15.9 47.7



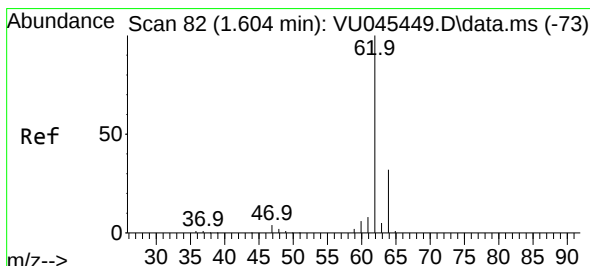
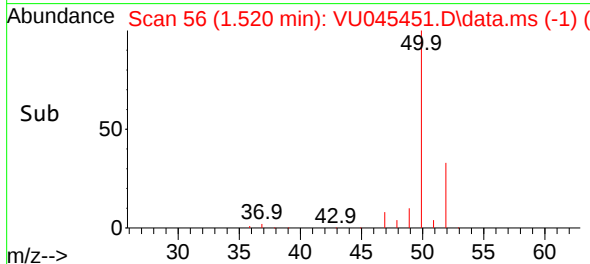
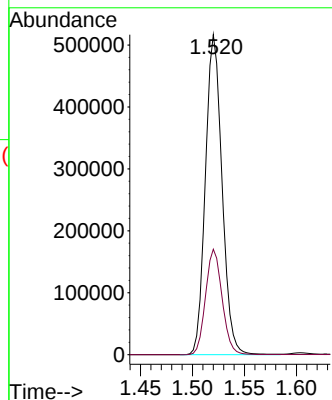


#3
Chloromethane
Concen: 172.099 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.000 min
Lab File: VU045451.D
Acq: 28 Oct 2021 21:12

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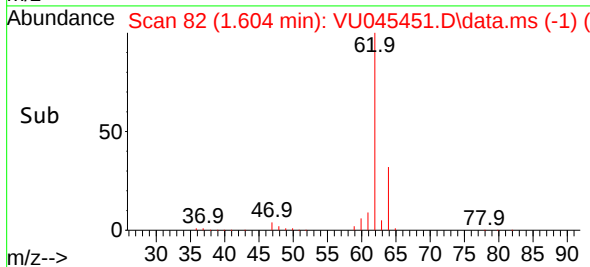
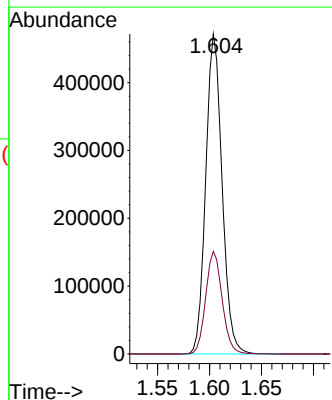
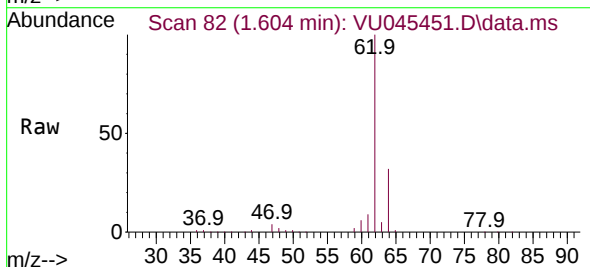


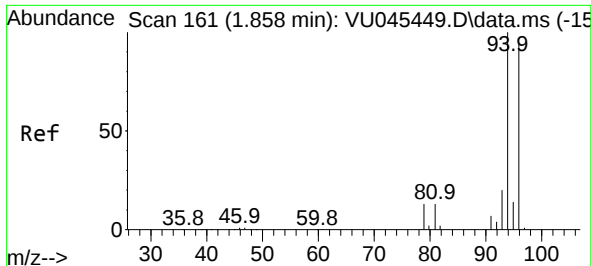
Tgt Ion: 50 Resp: 573664
Ion Ratio Lower Upper
50 100
52 32.9 26.6 40.0



#4
Vinyl Chloride
Concen: 160.586 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU045451.D
Acq: 28 Oct 2021 21:12

Tgt Ion: 62 Resp: 515397
Ion Ratio Lower Upper
62 100
64 32.1 25.8 38.6

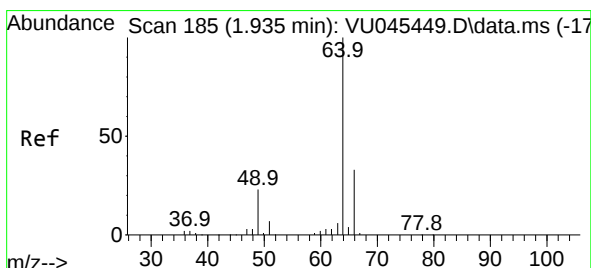
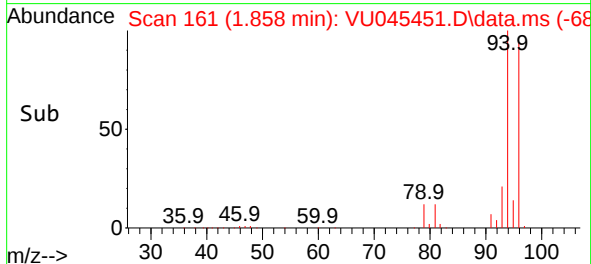
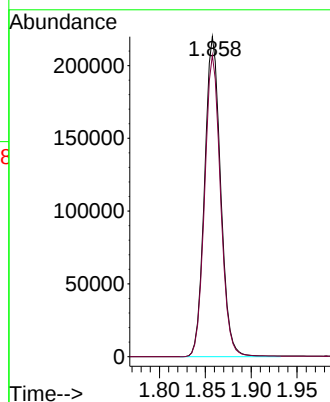
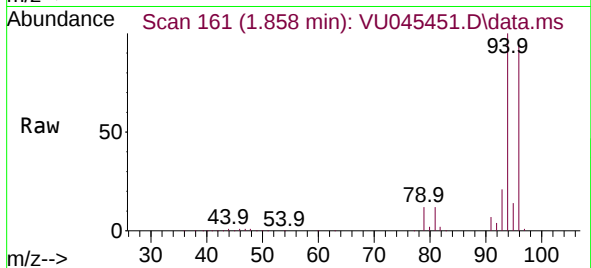




#5
Bromomethane
Concen: 190.485 ug/l
RT: 1.858 min Scan# 161
Delta R.T. -0.000 min
Lab File: VU045451.D
Acq: 28 Oct 2021 21:12

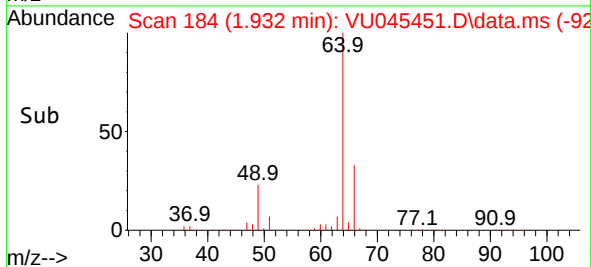
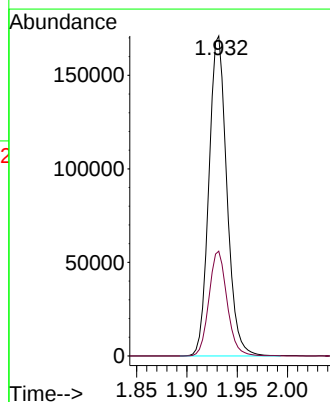
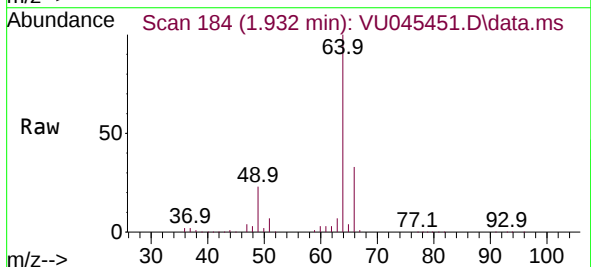
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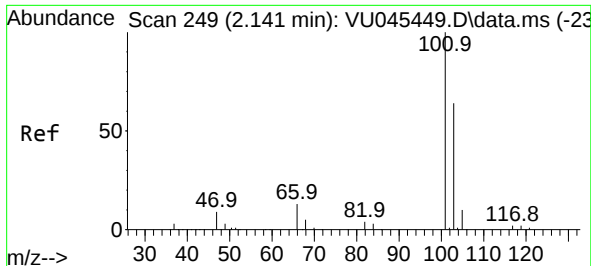
Tgt Ion: 94 Resp: 267505
Ion Ratio Lower Upper
94 100
96 94.2 75.4 113.2



#6
Chloroethane
Concen: 89.453 ug/l
RT: 1.932 min Scan# 184
Delta R.T. -0.003 min
Lab File: VU045451.D
Acq: 28 Oct 2021 21:12

Tgt Ion: 64 Resp: 212750
Ion Ratio Lower Upper
64 100
66 32.8 26.7 40.1

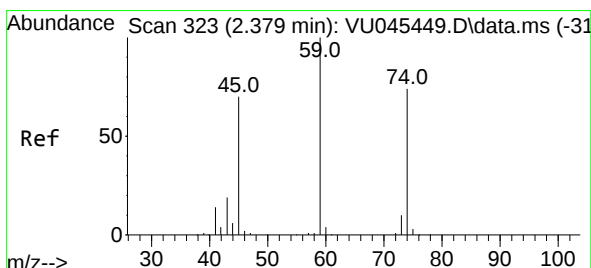
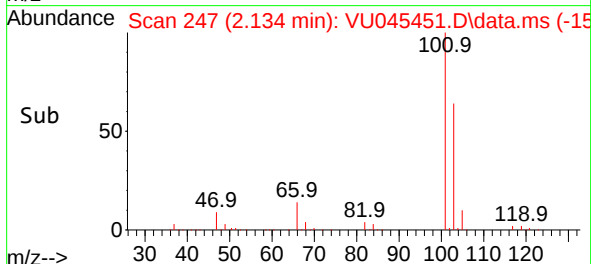
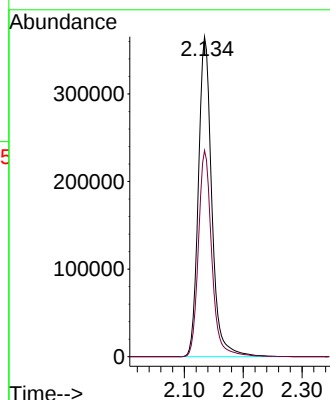
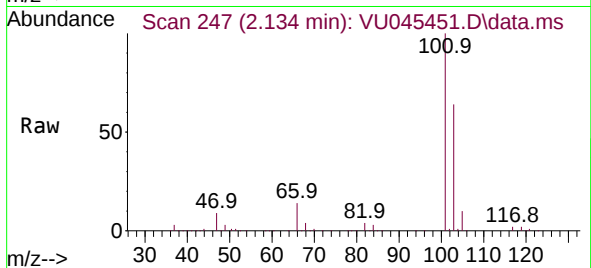




#7
Trichlorofluoromethane
Concen: 139.692 ug/l
RT: 2.134 min Scan# 249
Delta R.T. -0.007 min
Lab File: VU045451.D
Acq: 28 Oct 2021 21:12

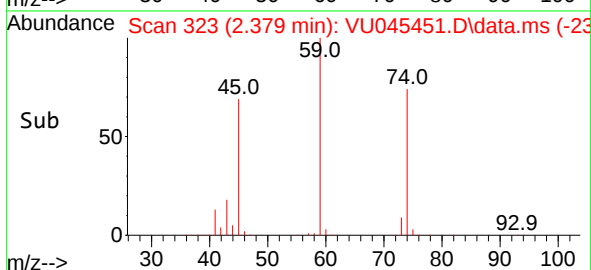
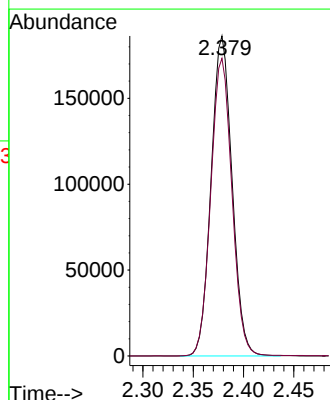
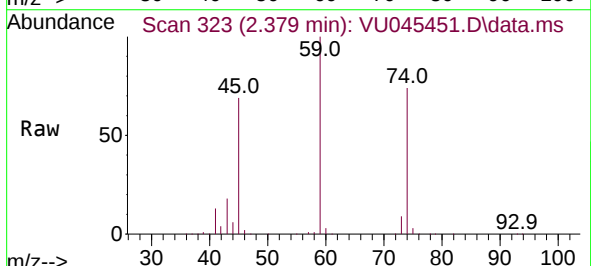
Instrument :
MSVOA_U
ClientSampleId :

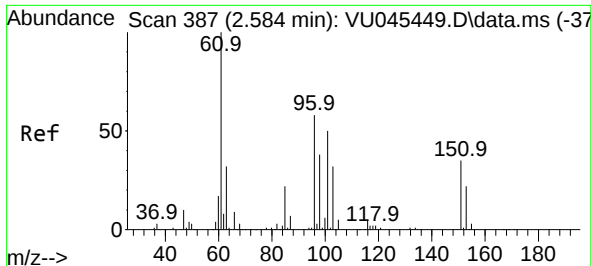
Tgt Ion:101 Resp: 577122
Ion Ratio Lower Upper
101 100
103 64.4 51.4 77.0



#8
Diethyl Ether
Concen: 142.089 ug/l
RT: 2.379 min Scan# 323
Delta R.T. -0.000 min
Lab File: VU045451.D
Acq: 28 Oct 2021 21:12

Tgt Ion: 74 Resp: 269819
Ion Ratio Lower Upper
74 100
45 94.0 47.3 141.8

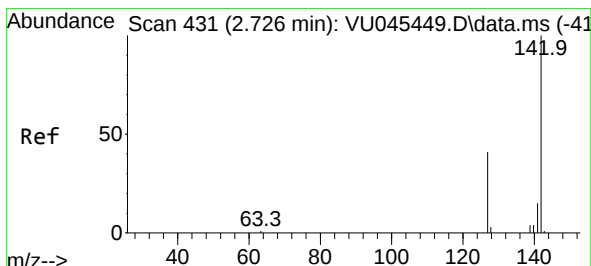
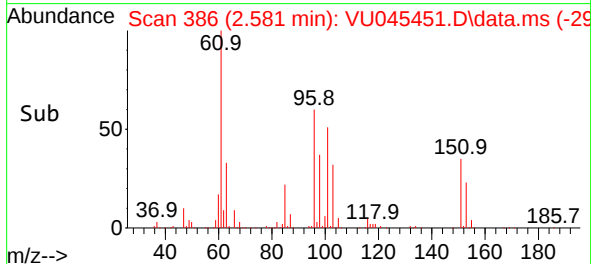
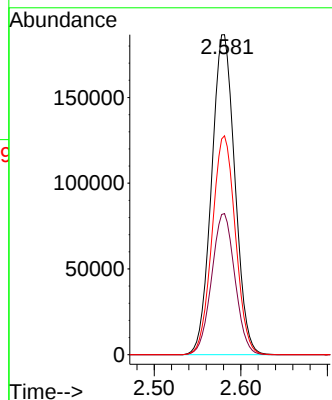
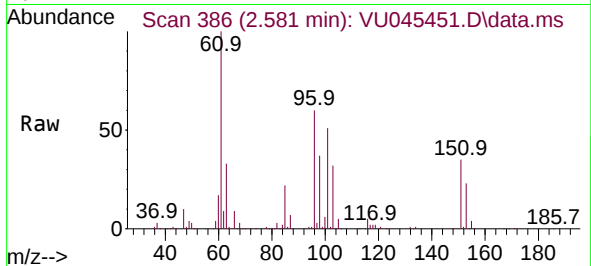




#9
1,1,2-Trichlorotrifluoroethane
Concen: 147.102 ug/l
RT: 2.581 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU045451.D
Acq: 28 Oct 2021 21:12

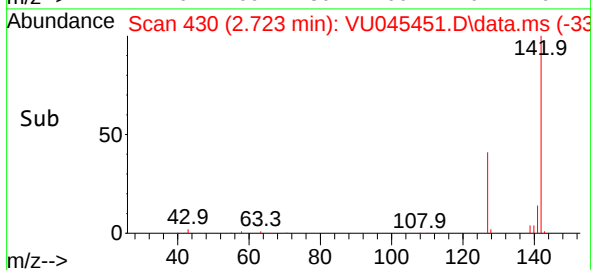
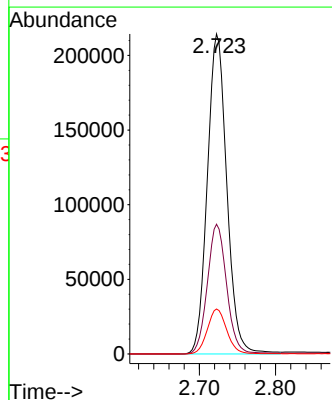
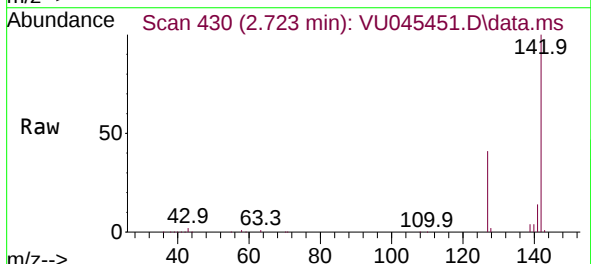
Instrument :
MSVOA_U
ClientSampleId :

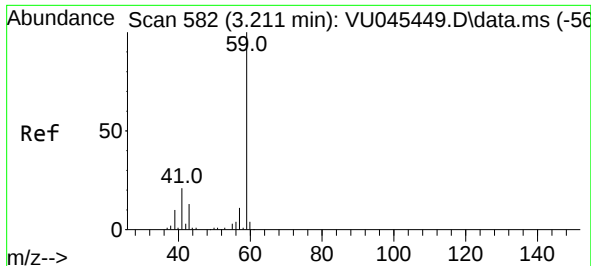
Tgt Ion:101 Resp: 348850
Ion Ratio Lower Upper
101 100
85 43.9 35.0 52.4
151 68.4 54.6 82.0



#10
Methyl Iodide
Concen: 162.776 ug/l
RT: 2.723 min Scan# 430
Delta R.T. -0.003 min
Lab File: VU045451.D
Acq: 28 Oct 2021 21:12

Tgt Ion:142 Resp: 381675
Ion Ratio Lower Upper
142 100
127 40.2 32.2 48.2
141 14.0 11.3 16.9

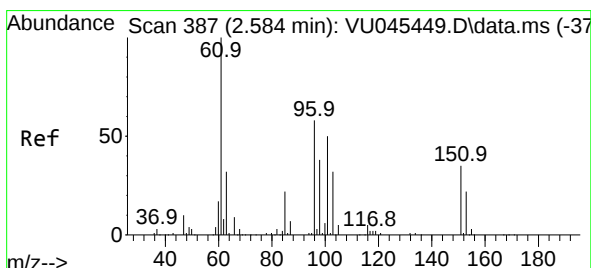
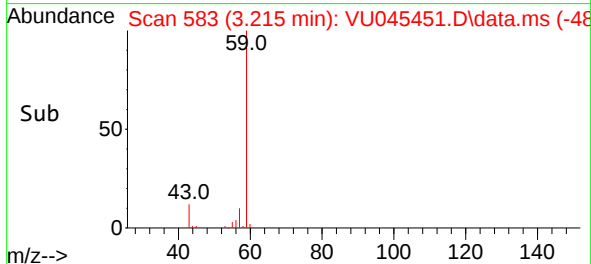
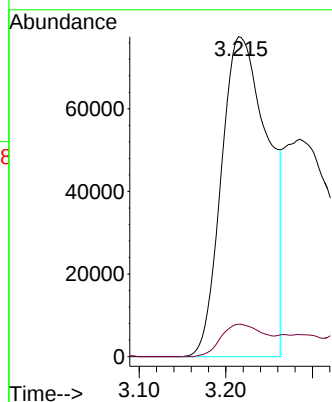
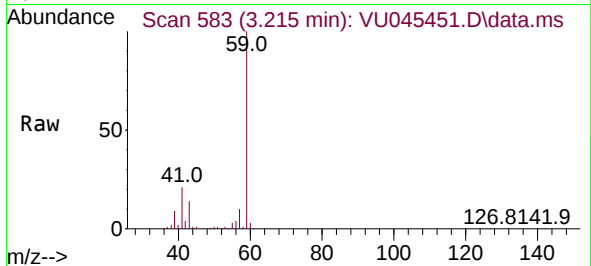




#11
Tert butyl alcohol
Concen: 321.760 ug/l
RT: 3.215 min Scan# 582
Delta R.T. 0.003 min
Lab File: VU045451.D
Acq: 28 Oct 2021 21:12

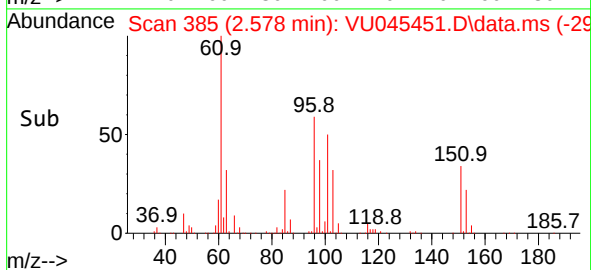
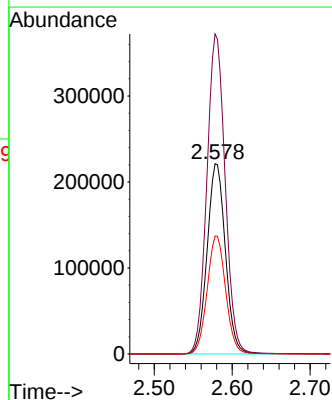
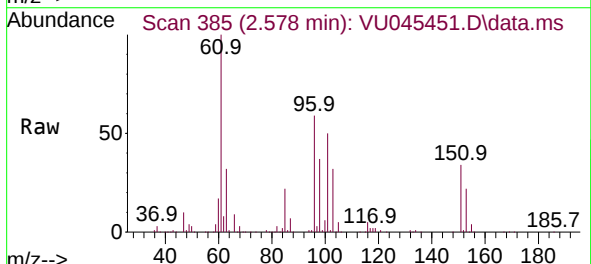
Instrument :
MSVOA_U
ClientSampleId :

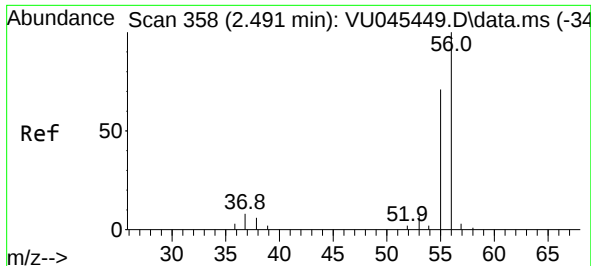
Tgt Ion: 59 Resp: 291283
Ion Ratio Lower Upper
59 100
57 9.5 8.3 12.5



#12
1,1-Dichloroethene
Concen: 154.207 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.007 min
Lab File: VU045451.D
Acq: 28 Oct 2021 21:12

Tgt Ion: 96 Resp: 361320
Ion Ratio Lower Upper
96 100
61 168.2 137.1 205.7
98 62.0 51.5 77.3

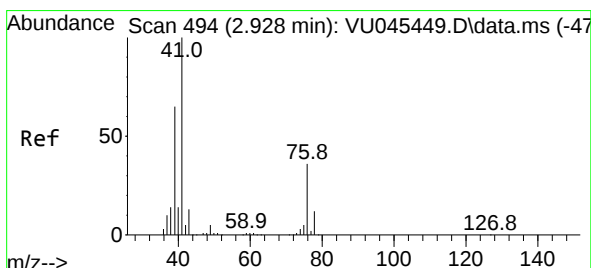
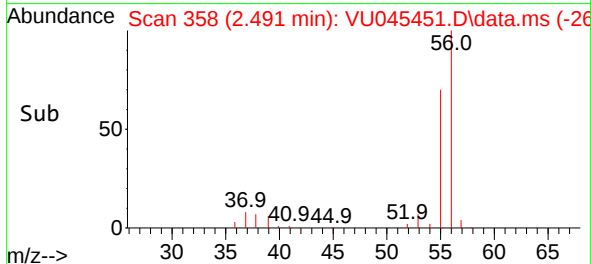
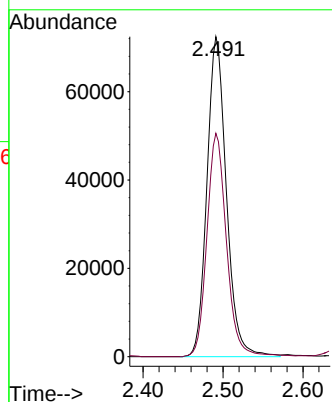
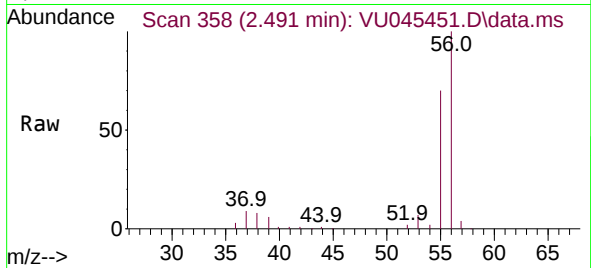




#13
Acrolein
Concen: 608.066 ug/l
RT: 2.491 min Scan# 358
Delta R.T. -0.000 min
Lab File: VU045451.D
Acq: 28 Oct 2021 21:12

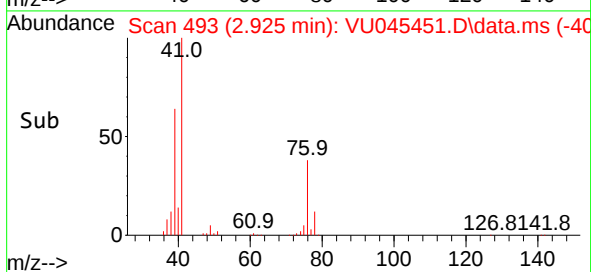
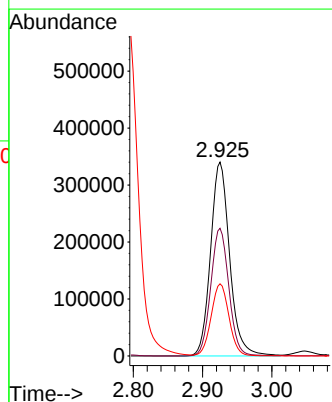
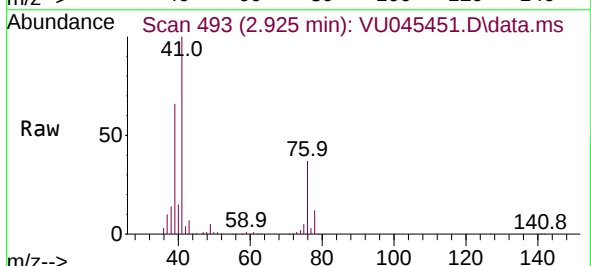
Instrument :
MSVOA_U
ClientSampleId :

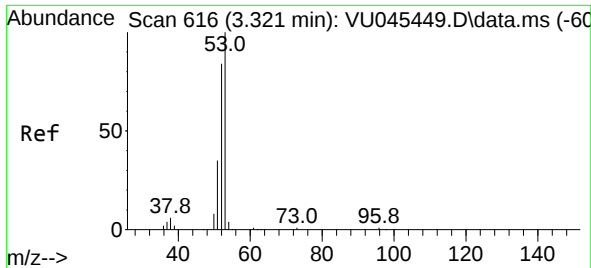
Tgt Ion: 56 Resp: 122534
Ion Ratio Lower Upper
56 100
55 70.4 56.3 84.5



#14
Allyl chloride
Concen: 150.144 ug/l
RT: 2.925 min Scan# 493
Delta R.T. -0.003 min
Lab File: VU045451.D
Acq: 28 Oct 2021 21:12

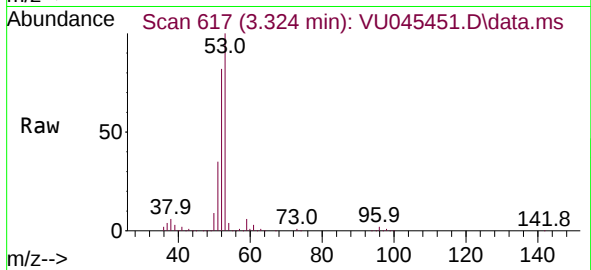
Tgt Ion: 41 Resp: 652183
Ion Ratio Lower Upper
41 100
39 62.4 49.7 74.5
76 34.6 27.7 41.5





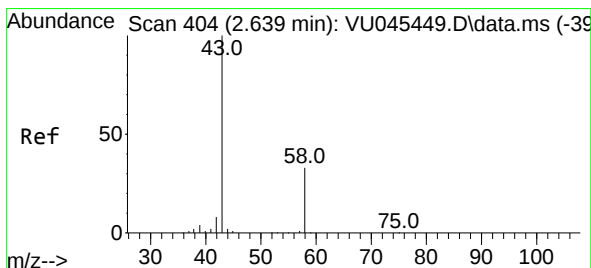
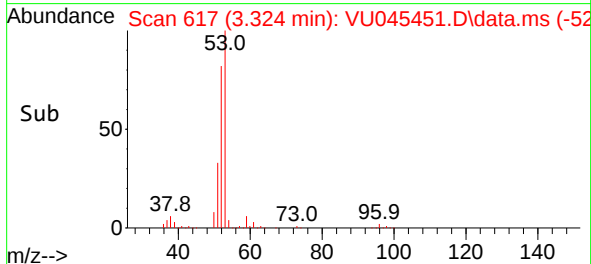
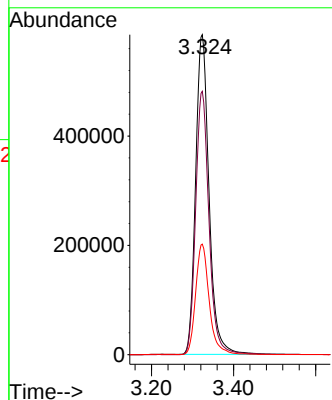
#15
Acrylonitrile
Concen: 706.842 ug/l
RT: 3.324 min Scan# 616
Delta R.T. 0.003 min
Lab File: VU045451.D
Acq: 28 Oct 2021 21:12

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 53 Resp: 1330226

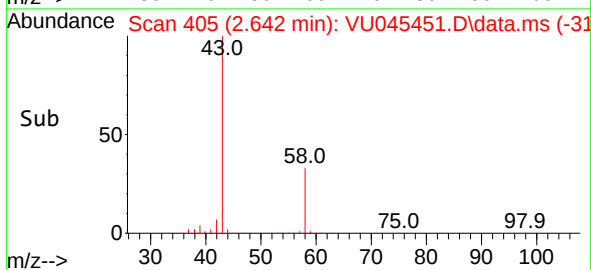
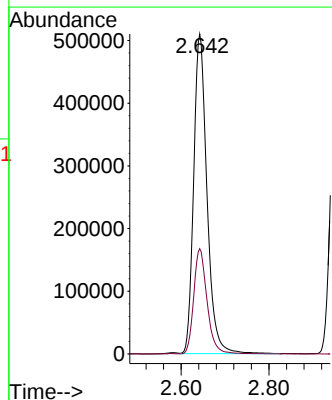
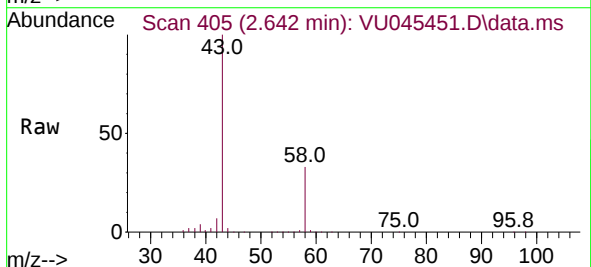
Ion	Ratio	Lower	Upper
53	100		
52	82.2	66.6	100.0
51	34.8	28.4	42.6

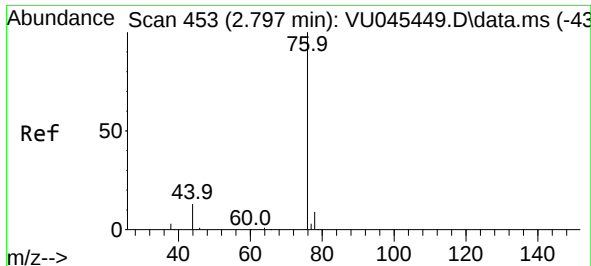


#16
Acetone
Concen: 570.338 ug/l
RT: 2.642 min Scan# 405
Delta R.T. 0.003 min
Lab File: VU045451.D
Acq: 28 Oct 2021 21:12

Tgt Ion: 43 Resp: 1071851

Ion	Ratio	Lower	Upper
43	100		
58	32.9	26.2	39.2

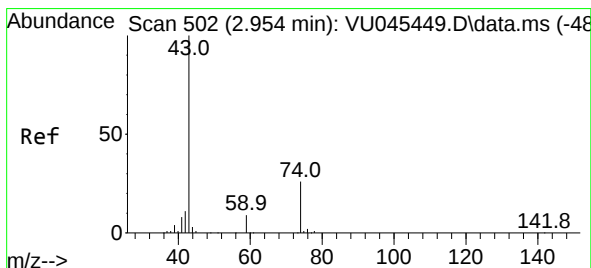
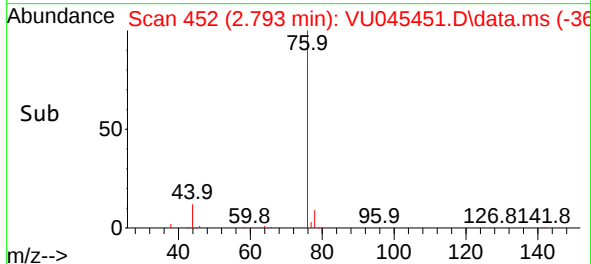
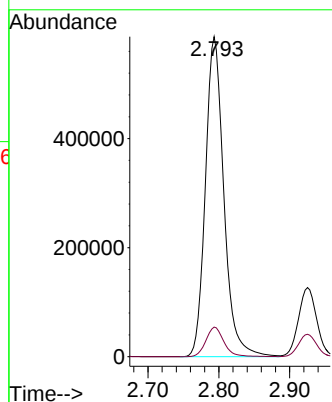
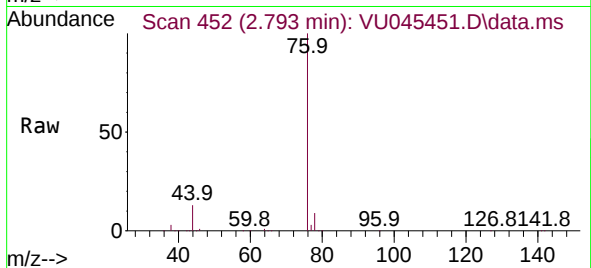




#17
Carbon Disulfide
Concen: 153.144 ug/l
RT: 2.793 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU045451.D
Acq: 28 Oct 2021 21:12

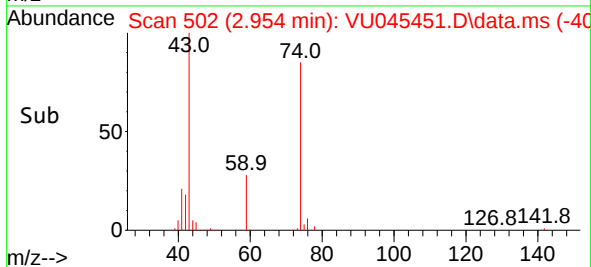
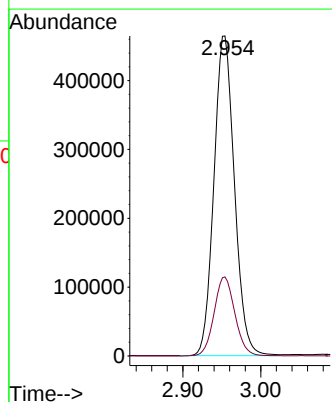
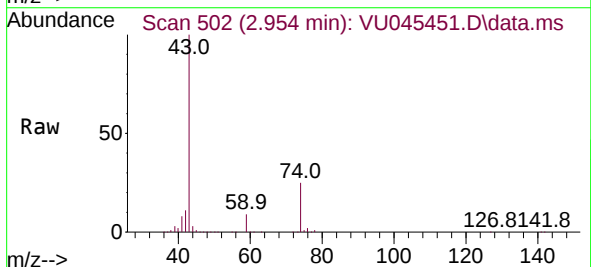
Instrument :
MSVOA_U
ClientSampleId :

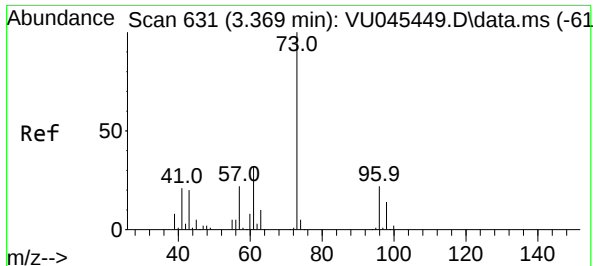
Tgt Ion: 76 Resp: 1061204
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#18
Methyl Acetate
Concen: 149.230 ug/l
RT: 2.954 min Scan# 502
Delta R.T. -0.000 min
Lab File: VU045451.D
Acq: 28 Oct 2021 21:12

Tgt Ion: 43 Resp: 850741
Ion Ratio Lower Upper
43 100
74 25.1 20.2 30.2

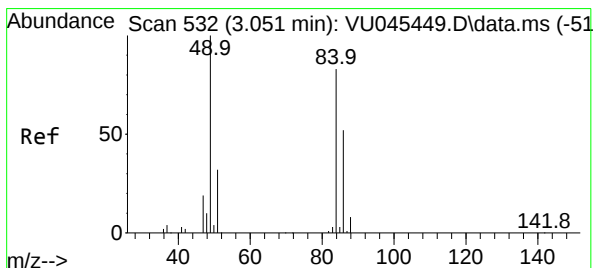
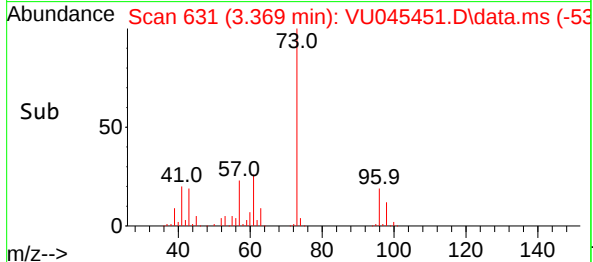
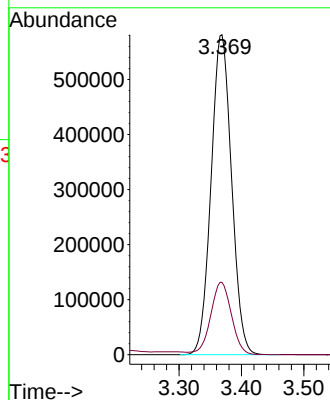
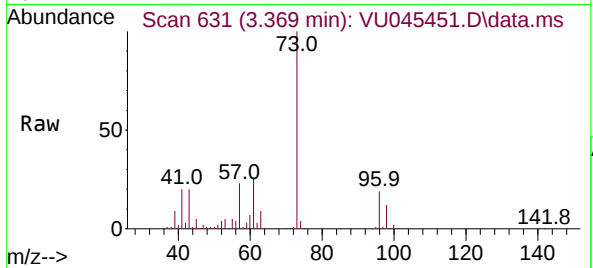




#19
Methyl tert-butyl Ether
Concen: 147.613 ug/l
RT: 3.369 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU045451.D
Acq: 28 Oct 2021 21:12

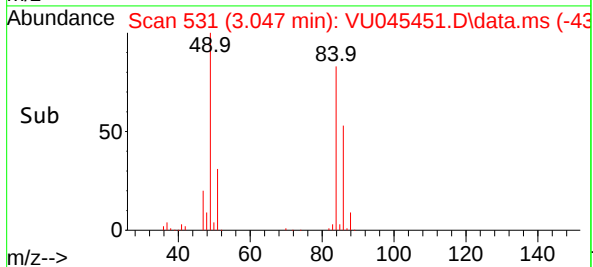
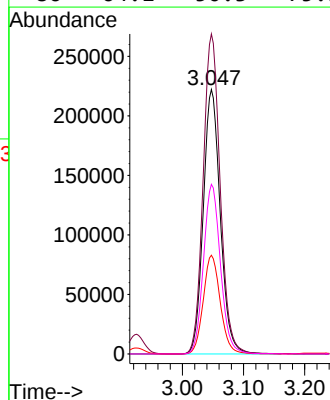
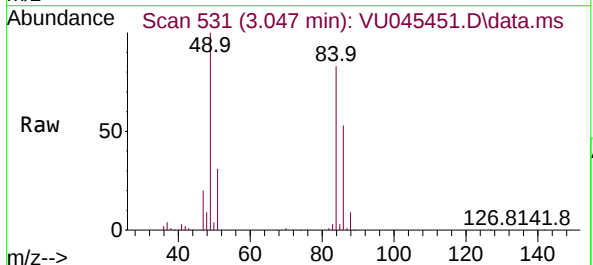
Instrument :
MSVOA_U
ClientSampleId :

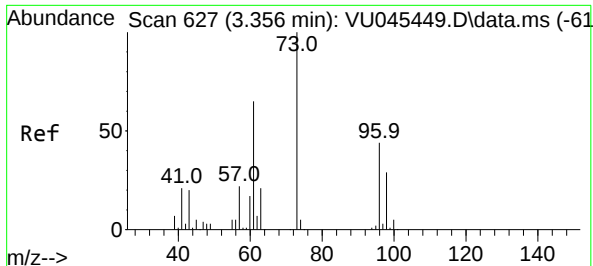
Tgt Ion: 73 Resp: 1325821
Ion Ratio Lower Upper
73 100
57 22.6 18.1 27.1



#20
Methylene Chloride
Concen: 145.998 ug/l
RT: 3.047 min Scan# 531
Delta R.T. -0.003 min
Lab File: VU045451.D
Acq: 28 Oct 2021 21:12

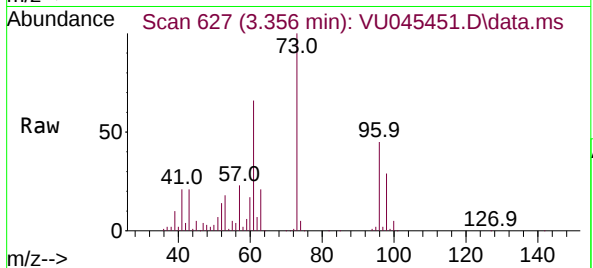
Tgt Ion: 84 Resp: 429683
Ion Ratio Lower Upper
84 100
49 121.0 96.4 144.6
51 37.3 30.5 45.7
86 64.1 50.3 75.5



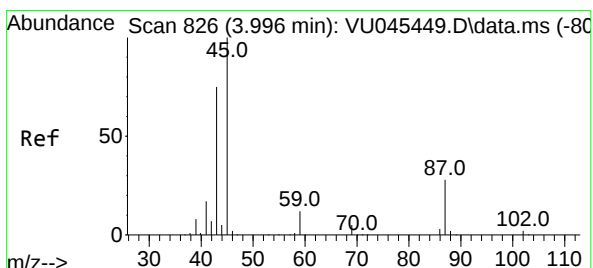
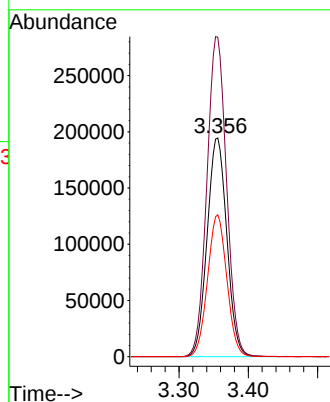
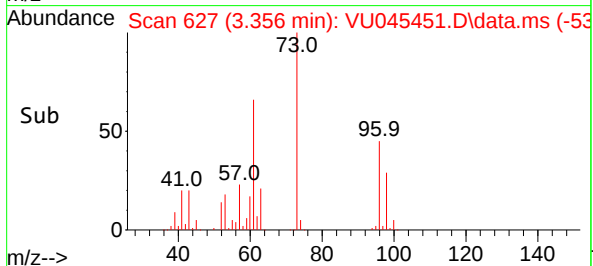


#21
trans-1,2-Dichloroethene
Concen: 149.713 ug/l
RT: 3.356 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU045451.D
Acq: 28 Oct 2021 21:12

Instrument :
MSVOA_U
ClientSampleId :

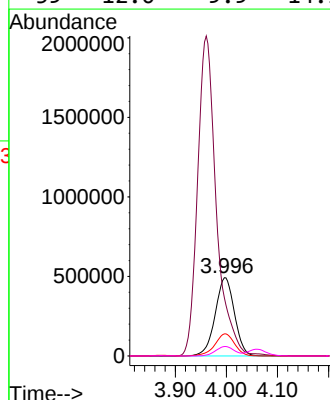
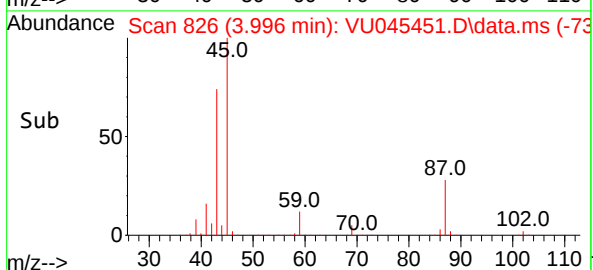
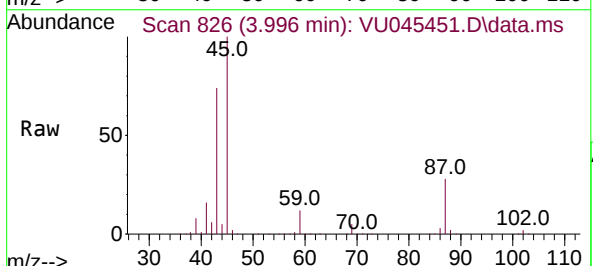


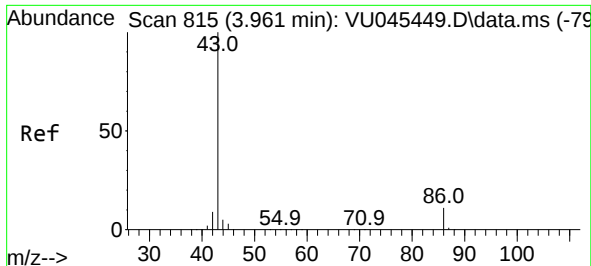
Tgt Ion: 96 Resp: 383631
Ion Ratio Lower Upper
96 100
61 146.0 118.2 177.4
98 64.9 52.1 78.1



#22
Diisopropyl ether
Concen: 146.085 ug/l
RT: 3.996 min Scan# 826
Delta R.T. -0.000 min
Lab File: VU045451.D
Acq: 28 Oct 2021 21:12

Tgt Ion: 45 Resp: 1290264
Ion Ratio Lower Upper
45 100
43 73.8 60.0 90.0
87 28.2 22.3 33.5
59 12.0 9.9 14.9

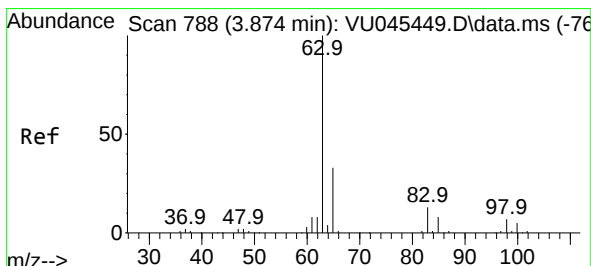
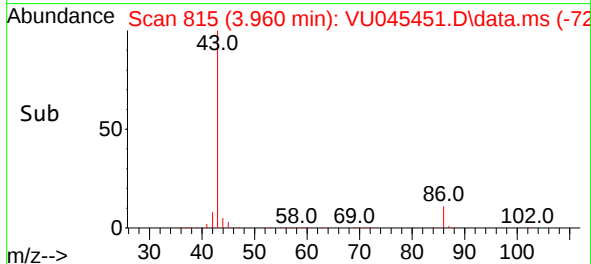
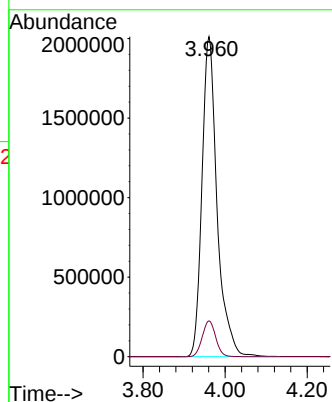
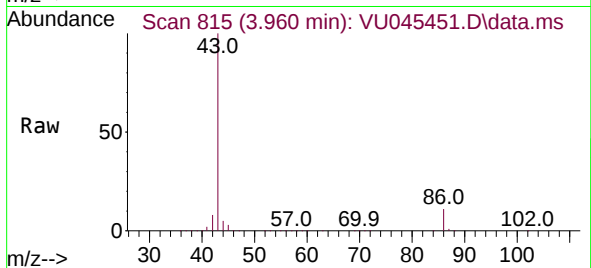




#23
 Vinyl Acetate
 Concen: 723.306 ug/l
 RT: 3.960 min Scan# 815
 Delta R.T. -0.000 min
 Lab File: VU045451.D
 Acq: 28 Oct 2021 21:12

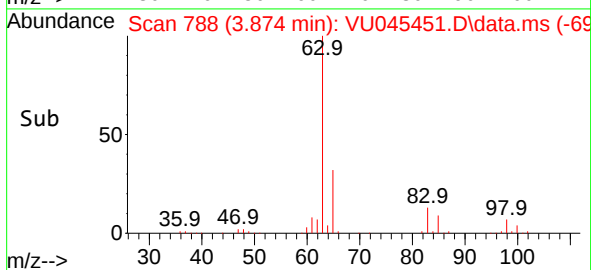
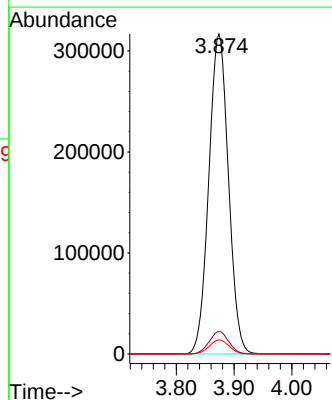
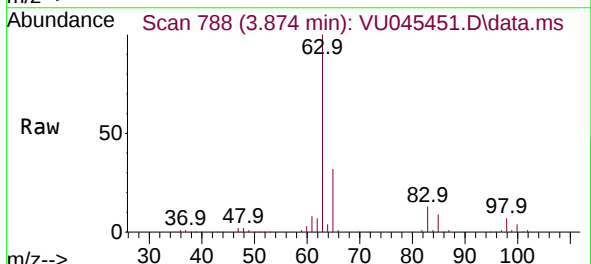
Instrument :
 MSVOA_U
 ClientSampleId :

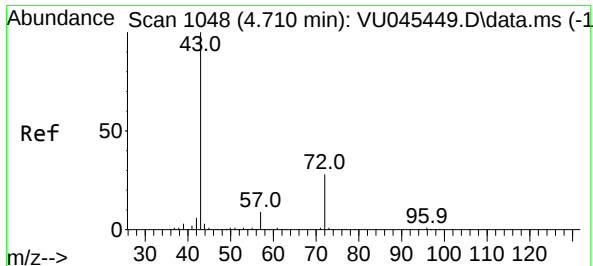
Tgt Ion: 43 Resp: 5137321
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 147.225 ug/l
 RT: 3.874 min Scan# 788
 Delta R.T. -0.000 min
 Lab File: VU045451.D
 Acq: 28 Oct 2021 21:12

Tgt Ion: 63 Resp: 747129
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.6
 100 4.4 2.4 7.2





#25

2-Butanone

Concen: 638.729 ug/l

RT: 4.710 min Scan# 1048

Delta R.T. -0.000 min

Lab File: VU045451.D

Acq: 28 Oct 2021 21:12

Instrument :

MSVOA_U

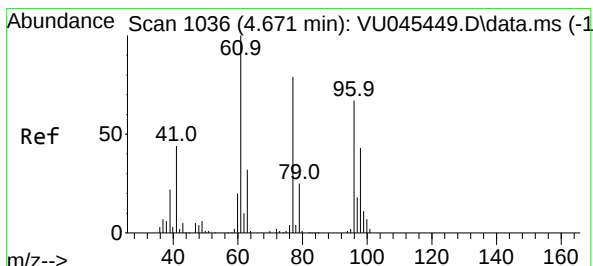
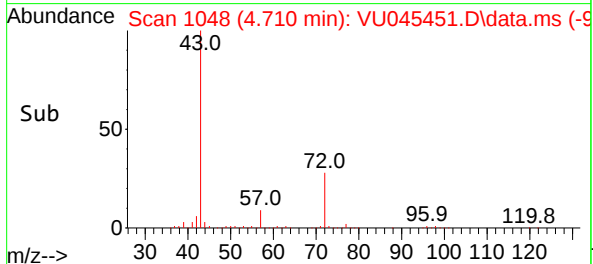
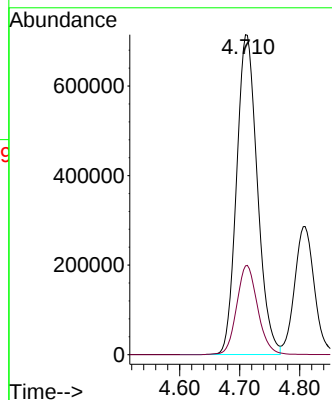
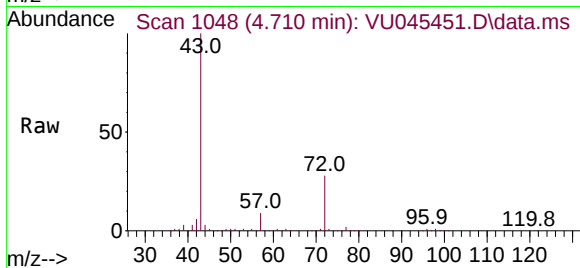
ClientSampleId :

Tgt Ion: 43 Resp: 1721741

Ion Ratio Lower Upper

43 100

72 27.8 22.0 33.0



#26

2,2-Dichloropropane

Concen: 136.911 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VU045451.D

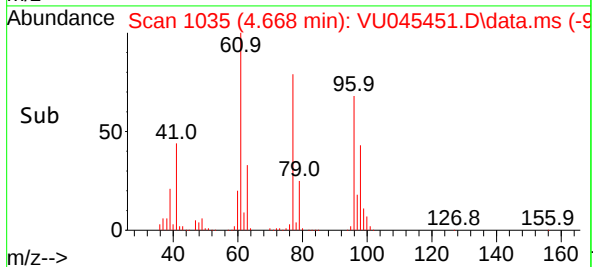
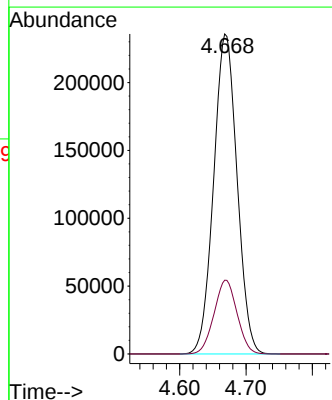
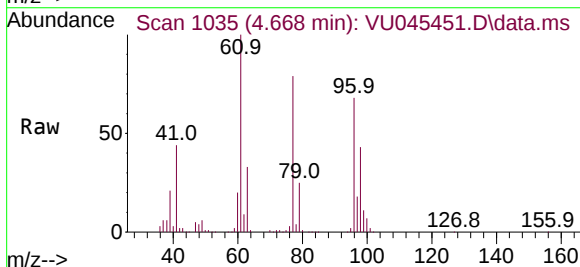
Acq: 28 Oct 2021 21:12

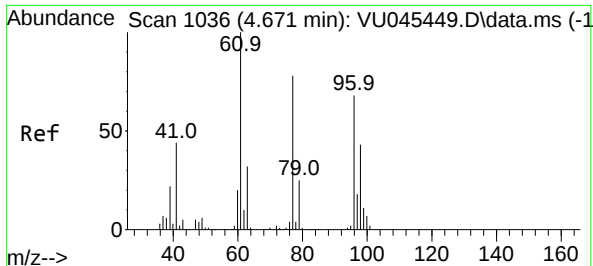
Tgt Ion: 77 Resp: 577702

Ion Ratio Lower Upper

77 100

97 22.7 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 148.977 ug/l

RT: 4.671 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VU045451.D

Acq: 28 Oct 2021 21:12

Instrument :

MSVOA_U

ClientSampleId :

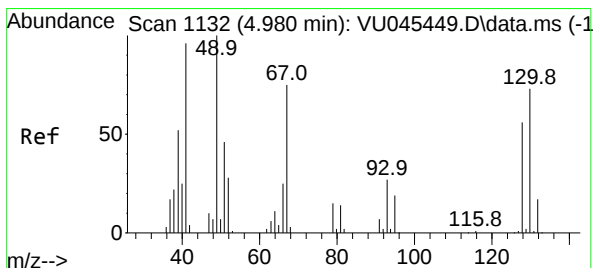
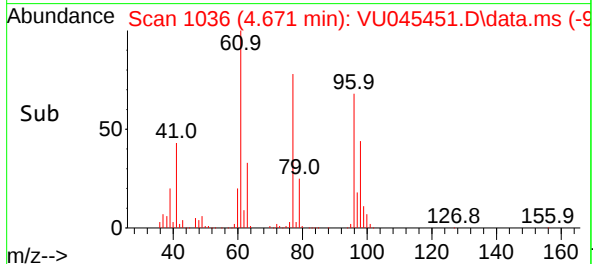
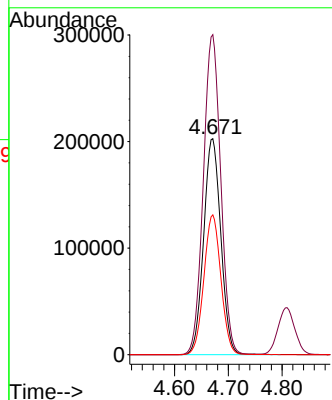
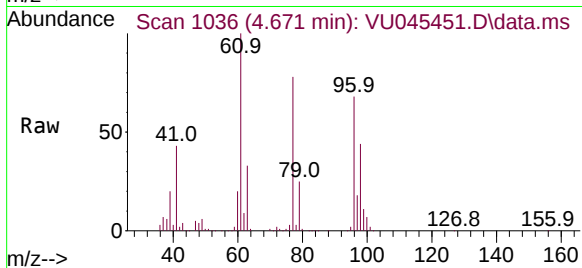
Tgt Ion: 96 Resp: 450208

Ion Ratio Lower Upper

96 100

61 150.1 0.0 299.2

98 64.2 0.0 127.6



#28

Bromochloromethane

Concen: 147.568 ug/l

RT: 4.980 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VU045451.D

Acq: 28 Oct 2021 21:12

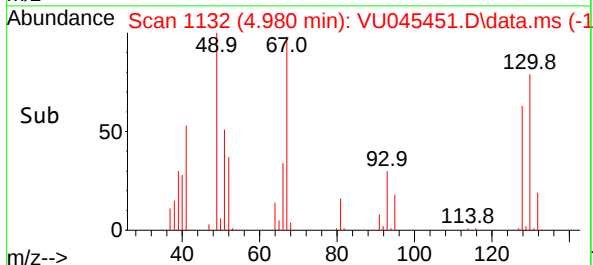
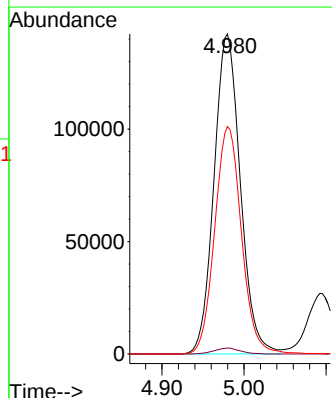
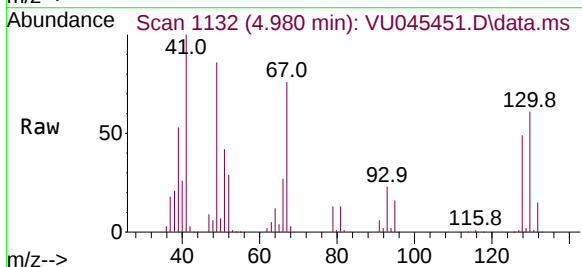
Tgt Ion: 49 Resp: 318157

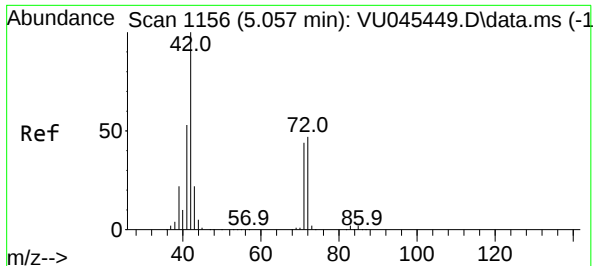
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.4

130 72.2 57.5 86.3





#29

Tetrahydrofuran

Concen: 682.492 ug/l

RT: 5.057 min Scan# 1156

Delta R.T. -0.000 min

Lab File: VU045451.D

Acq: 28 Oct 2021 21:12

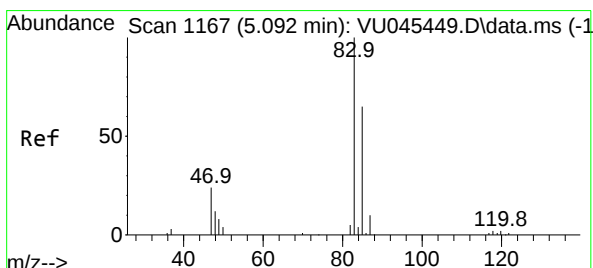
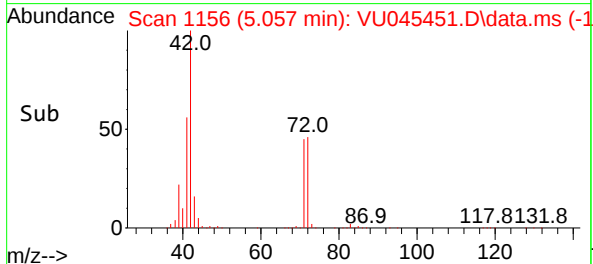
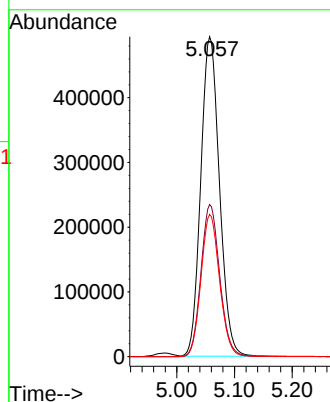
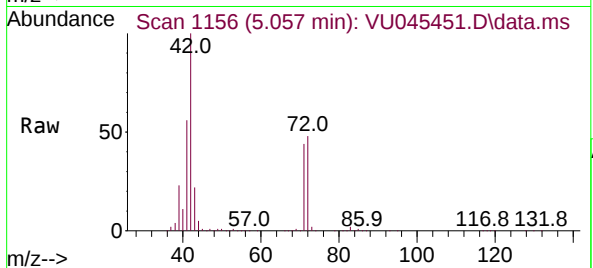
Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 42 Resp: 1108721

Ion	Ratio	Lower	Upper
42	100		
72	47.9	38.2	57.4
71	44.2	35.4	53.2



#30

Chloroform

Concen: 140.526 ug/l

RT: 5.092 min Scan# 1167

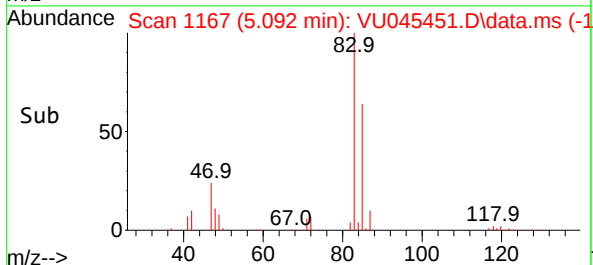
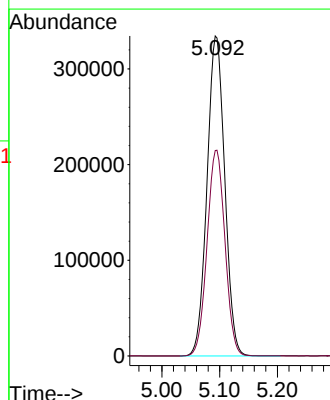
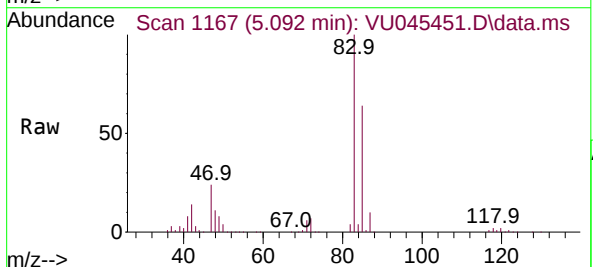
Delta R.T. -0.000 min

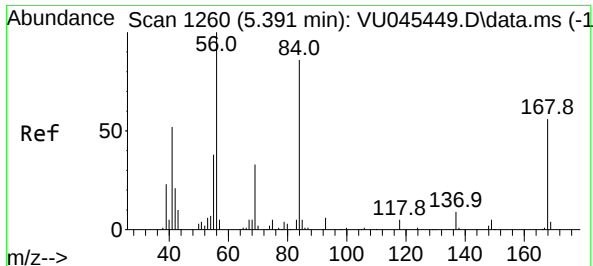
Lab File: VU045451.D

Acq: 28 Oct 2021 21:12

Tgt Ion: 83 Resp: 713234

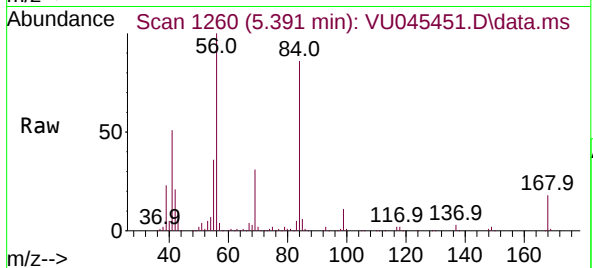
Ion	Ratio	Lower	Upper
83	100		
85	64.2	52.0	78.0



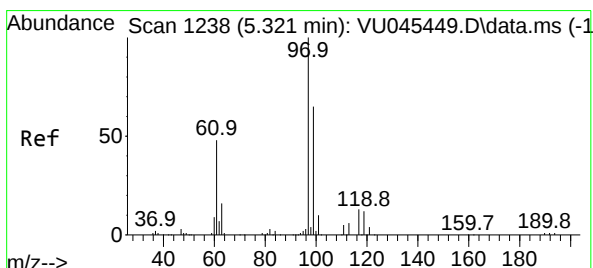
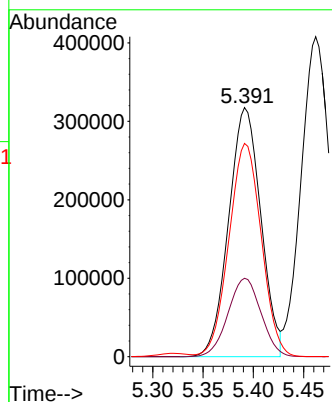
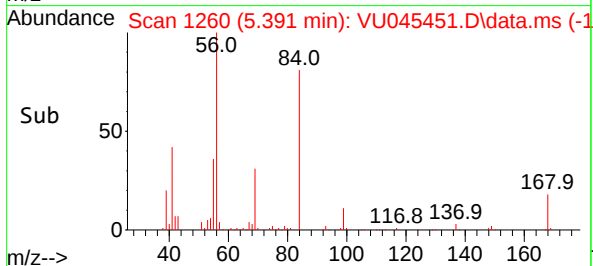


#31
Cyclohexane
Concen: 141.643 ug/l
RT: 5.391 min Scan# 1260
Delta R.T. -0.000 min
Lab File: VU045451.D
Acq: 28 Oct 2021 21:12

Instrument :
MSVOA_U
ClientSampleId :

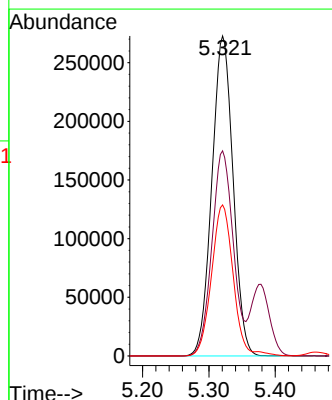
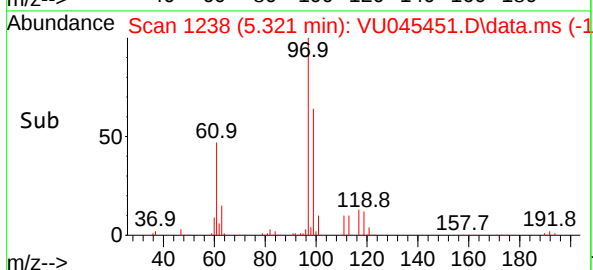
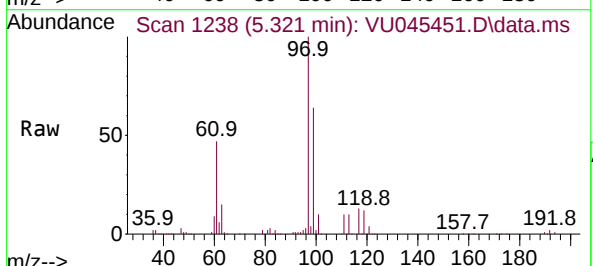


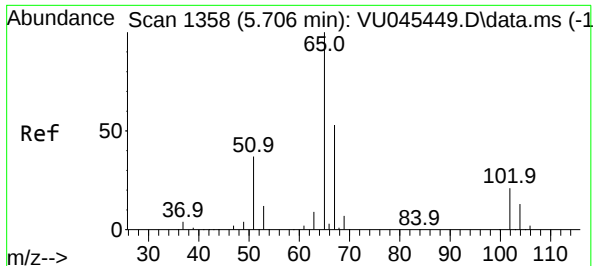
Tgt Ion: 56 Resp: 707545
Ion Ratio Lower Upper
56 100
69 31.5 26.4 39.6
84 84.4 68.4 102.6



#32
1,1,1-Trichloroethane
Concen: 144.414 ug/l
RT: 5.321 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VU045451.D
Acq: 28 Oct 2021 21:12

Tgt Ion: 97 Resp: 604696
Ion Ratio Lower Upper
97 100
99 65.3 50.8 76.2
61 48.4 38.3 57.5





#33

1,2-Dichloroethane-d4

Concen: 140.713 ug/l

RT: 5.706 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU045451.D

Acq: 28 Oct 2021 21:12

Instrument :

MSVOA_U

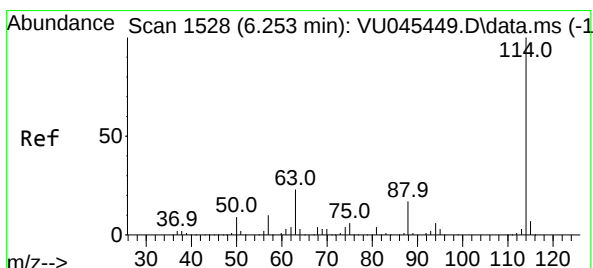
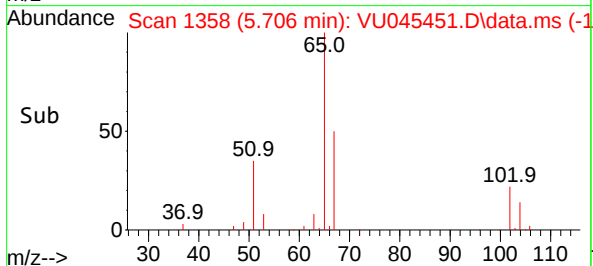
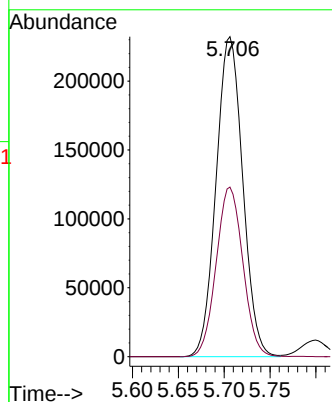
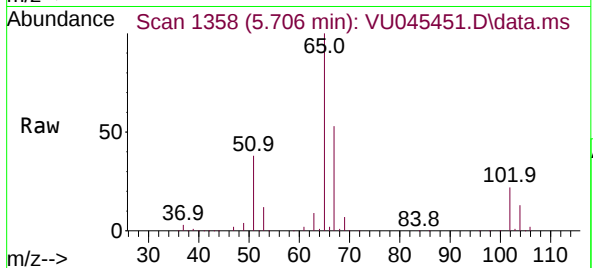
ClientSampleId :

Tgt Ion: 65 Resp: 469419

Ion Ratio Lower Upper

65 100

67 53.1 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1528

Delta R.T. -0.000 min

Lab File: VU045451.D

Acq: 28 Oct 2021 21:12

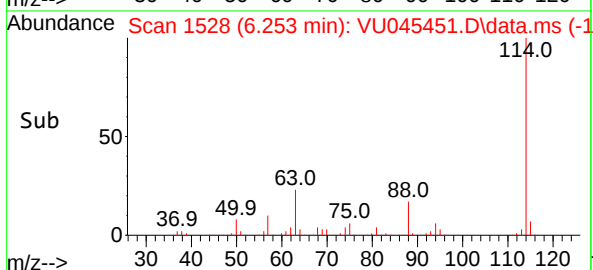
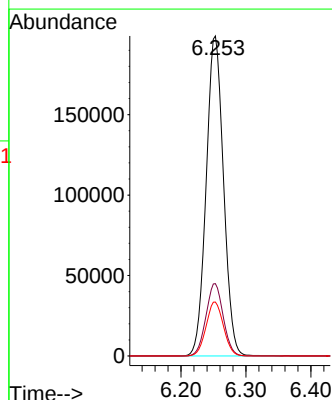
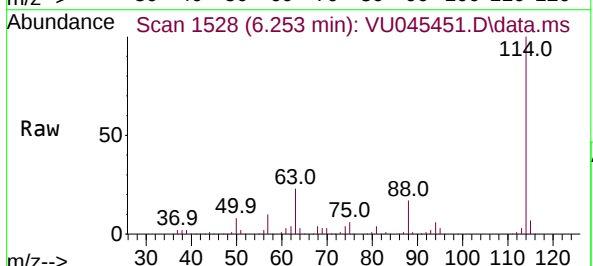
Tgt Ion: 114 Resp: 369537

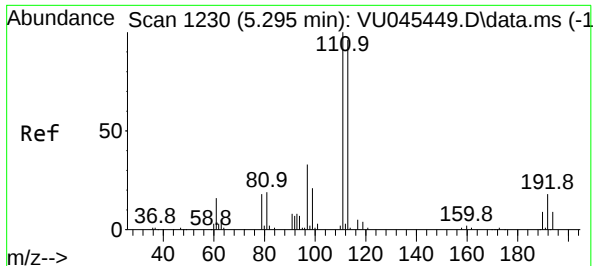
Ion Ratio Lower Upper

114 100

63 22.6 0.0 45.6

88 16.8 0.0 33.8





#35

Dibromofluoromethane

Concen: 148.760 ug/l

RT: 5.295 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU045451.D

Acq: 28 Oct 2021 21:12

Instrument :

MSVOA_U

ClientSampleId :

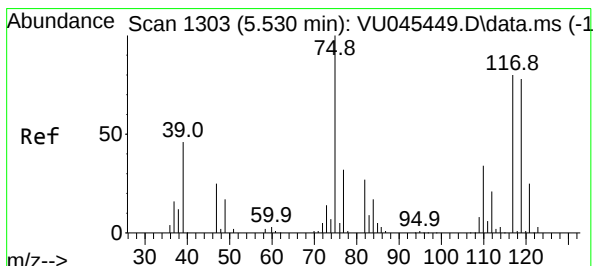
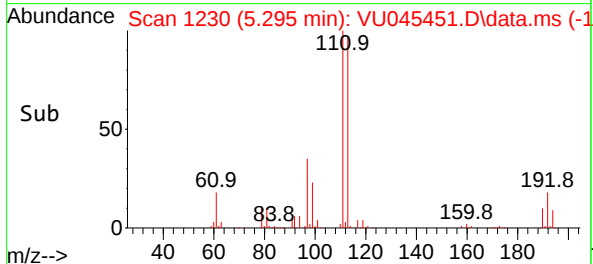
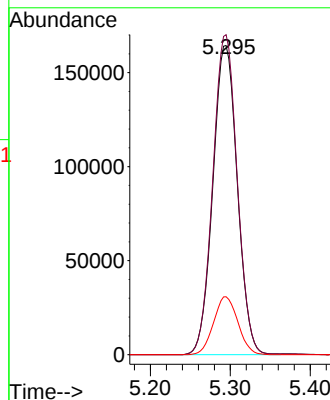
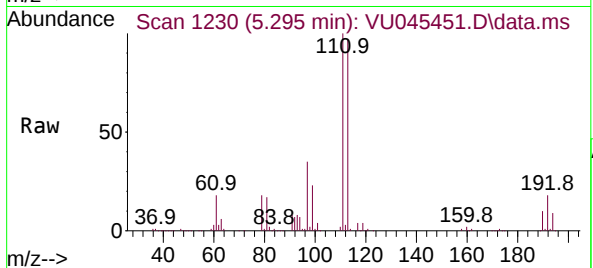
Tgt Ion:113 Resp: 349537

Ion Ratio Lower Upper

113 100

111 103.3 82.8 124.2

192 18.6 14.8 22.2



#36

1,1-Dichloropropene

Concen: 145.633 ug/l

RT: 5.530 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VU045451.D

Acq: 28 Oct 2021 21:12

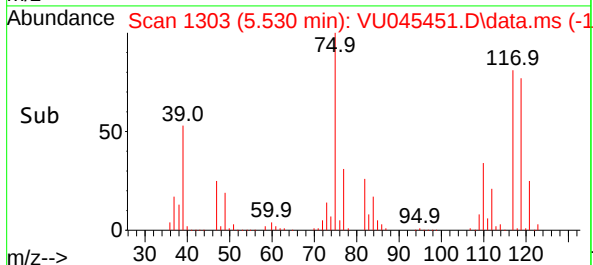
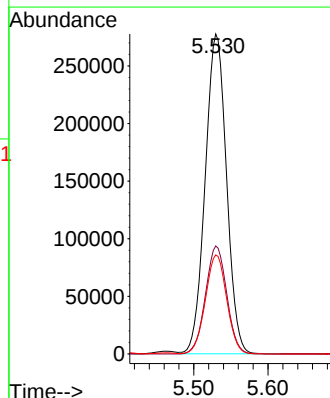
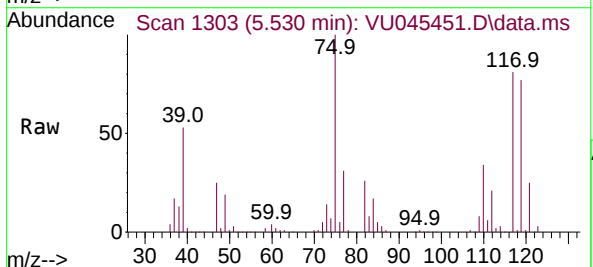
Tgt Ion: 75 Resp: 553318

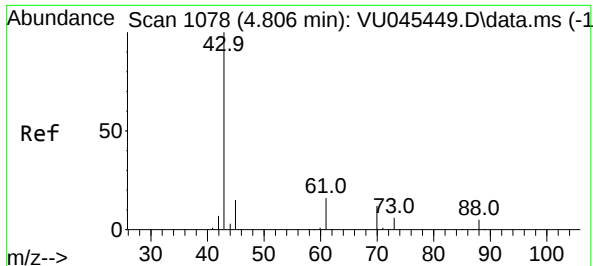
Ion Ratio Lower Upper

75 100

110 33.7 16.7 50.0

77 31.0 25.0 37.4





#37

Ethyl Acetate

Concen: 131.960 ug/l

RT: 4.809 min Scan# 1078

Delta R.T. 0.003 min

Lab File: VU045451.D

Acq: 28 Oct 2021 21:12

Instrument :

MSVOA_U

ClientSampleId :

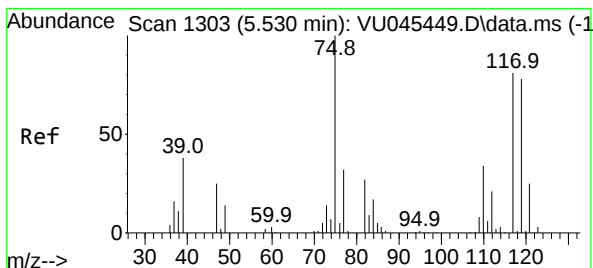
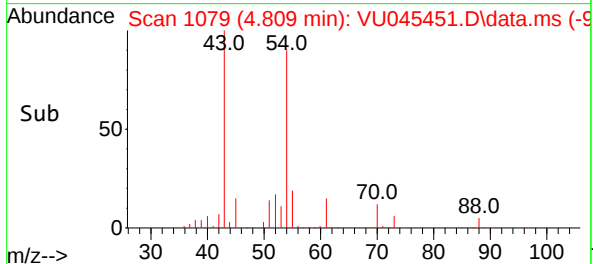
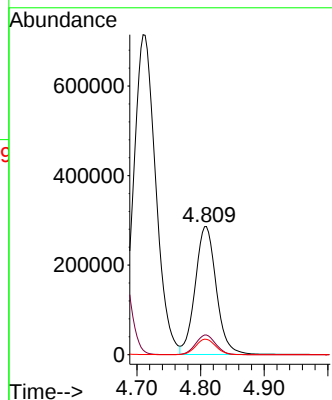
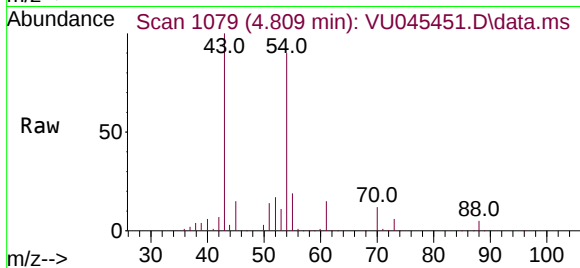
Tgt Ion: 43 Resp: 655160

Ion Ratio Lower Upper

43 100

61 14.7 11.6 17.4

70 11.6 9.1 13.7



#38

Carbon Tetrachloride

Concen: 147.872 ug/l

RT: 5.530 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VU045451.D

Acq: 28 Oct 2021 21:12

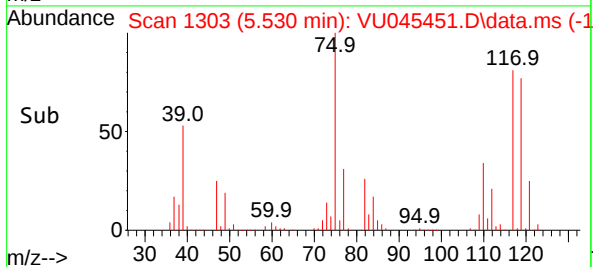
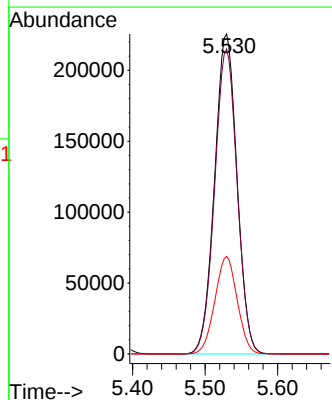
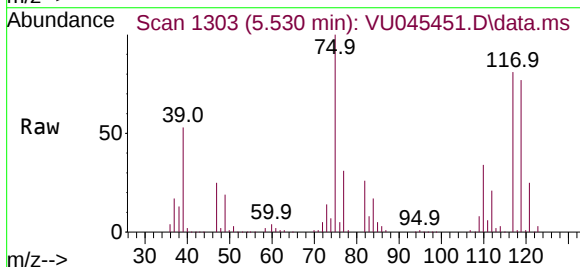
Tgt Ion: 117 Resp: 484552

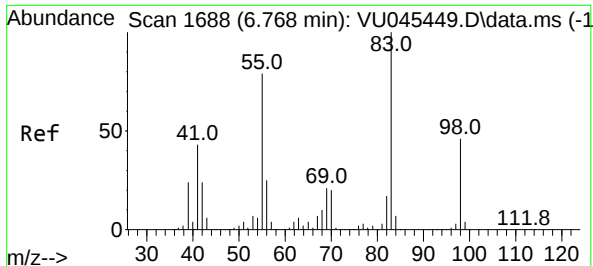
Ion Ratio Lower Upper

117 100

119 95.3 77.4 116.0

121 30.5 24.8 37.2





#39

Methylcyclohexane

Concen: 151.880 ug/l

RT: 6.767 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU045451.D

Acq: 28 Oct 2021 21:12

Instrument :

MSVOA_U

ClientSampleId :

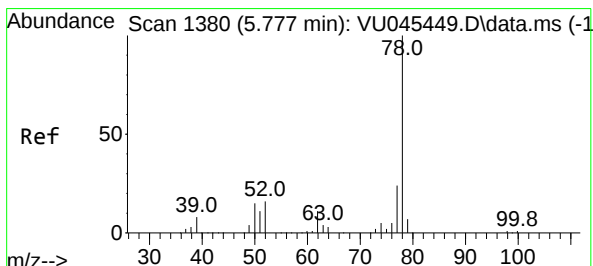
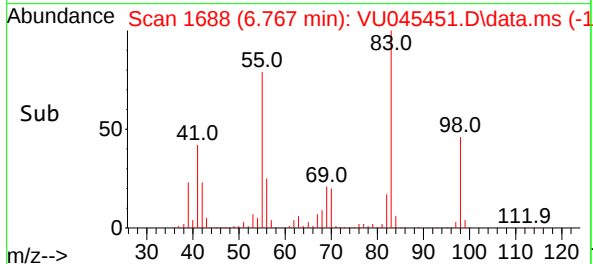
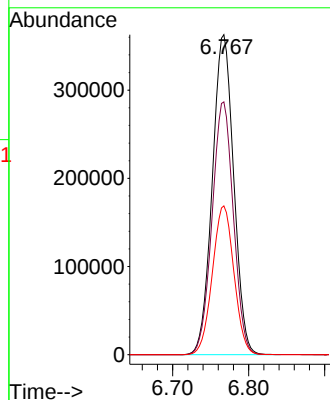
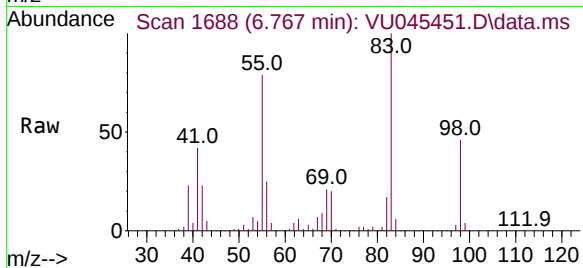
Tgt Ion: 83 Resp: 709275

Ion Ratio Lower Upper

83 100

55 79.0 63.6 95.4

98 46.5 37.1 55.7



#40

Benzene

Concen: 144.453 ug/l

RT: 5.777 min Scan# 1380

Delta R.T. -0.000 min

Lab File: VU045451.D

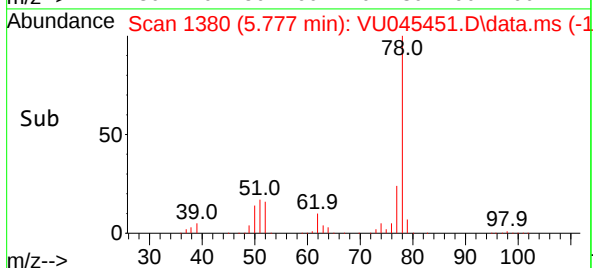
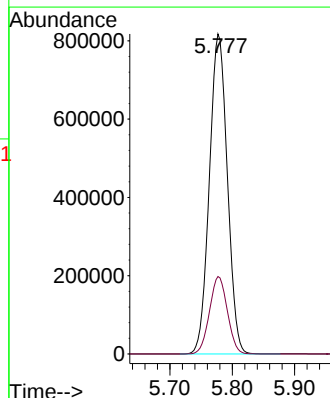
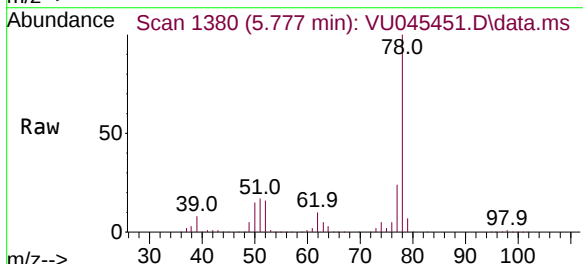
Acq: 28 Oct 2021 21:12

Tgt Ion: 78 Resp: 1636641

Ion Ratio Lower Upper

78 100

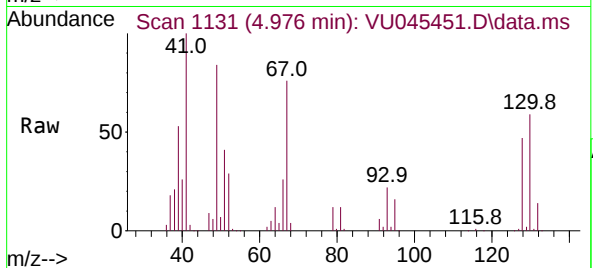
77 24.2 19.0 28.4



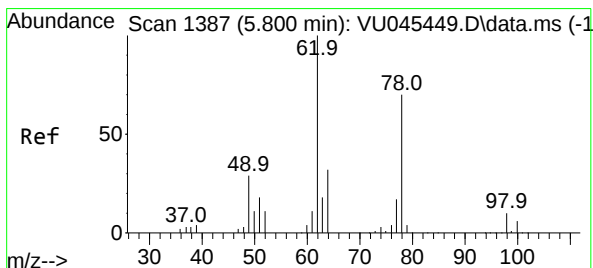
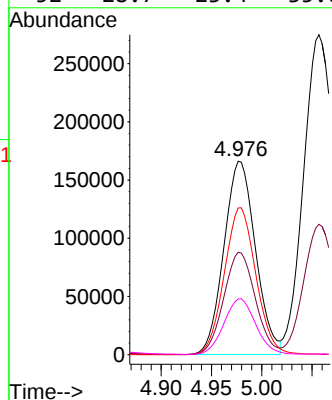
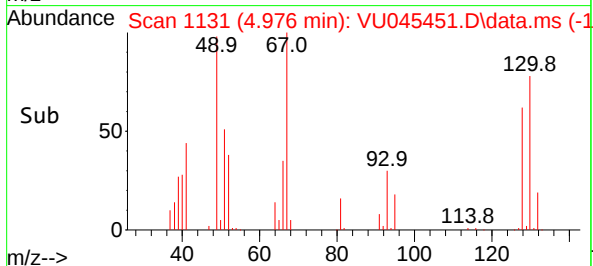


#41
Methacrylonitrile
Concen: 141.937 ug/l
RT: 4.976 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VU045451.D
Acq: 28 Oct 2021 21:12

Instrument :
MSVOA_U
ClientSampleId :

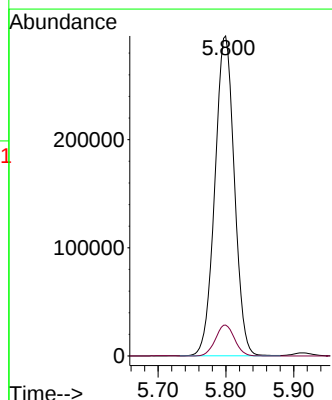
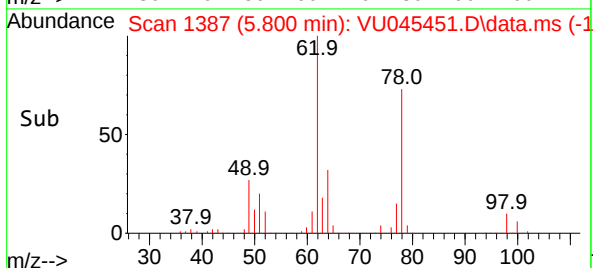
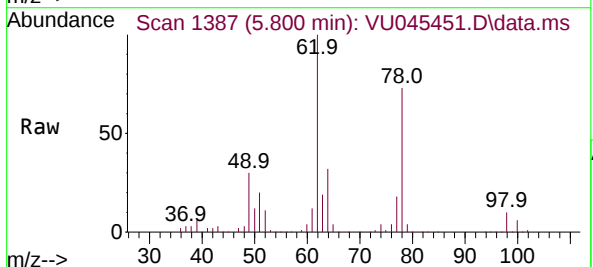


Tgt Ion: 41 Resp: 363295
Ion Ratio Lower Upper
41 100
39 52.9 43.4 65.0
67 76.3 61.0 91.4
52 28.7 23.4 35.0



#42
1,2-Dichloroethane
Concen: 134.058 ug/l
RT: 5.800 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VU045451.D
Acq: 28 Oct 2021 21:12

Tgt Ion: 62 Resp: 590107
Ion Ratio Lower Upper
62 100
98 9.5 0.0 18.4





#43

Isopropyl Acetate

Concen: 138.915 ug/l

RT: 5.915 min Scan# 1422

Delta R.T. 0.003 min

Lab File: VU045451.D

Acq: 28 Oct 2021 21:12

Instrument :

MSVOA_U

ClientSampleId :

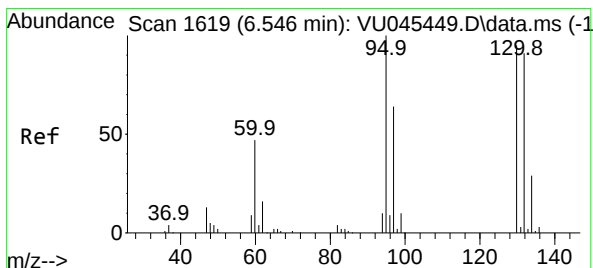
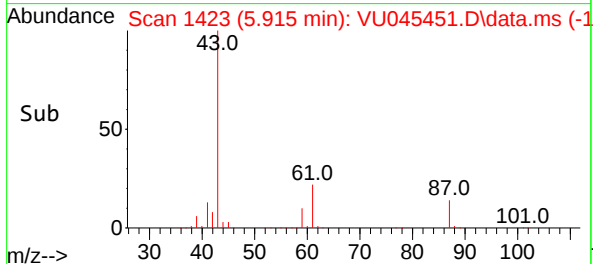
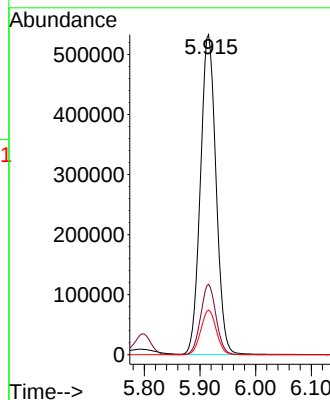
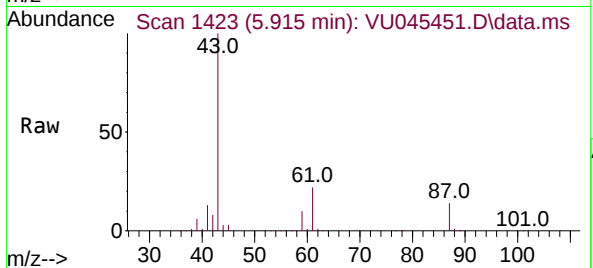
Tgt Ion: 43 Resp: 1037498

Ion Ratio Lower Upper

43 100

61 21.7 16.9 25.3

87 13.8 11.0 16.4



#44

Trichloroethene

Concen: 145.122 ug/l

RT: 6.546 min Scan# 1619

Delta R.T. -0.000 min

Lab File: VU045451.D

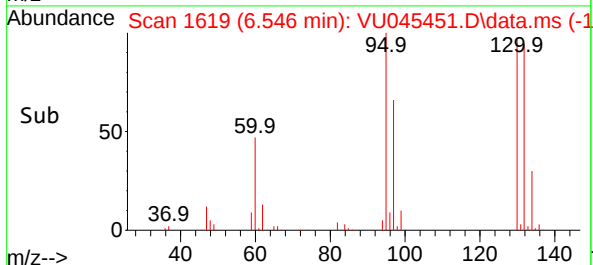
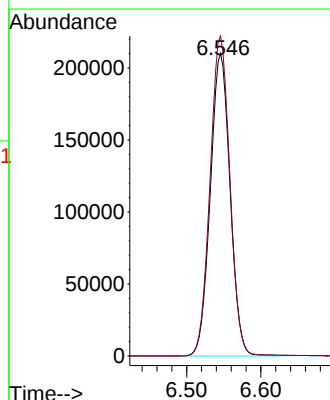
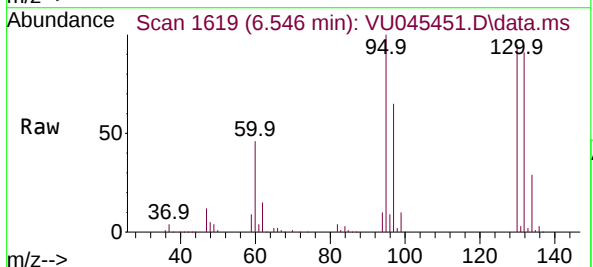
Acq: 28 Oct 2021 21:12

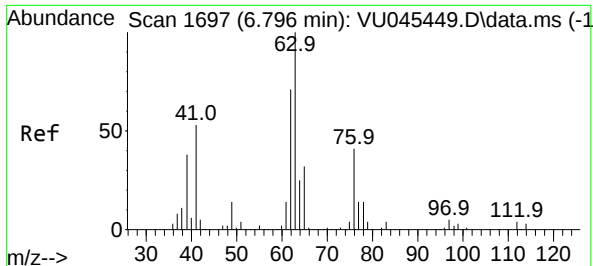
Tgt Ion:130 Resp: 387128

Ion Ratio Lower Upper

130 100

95 105.7 0.0 211.4





#45

1,2-Dichloropropane

Concen: 145.290 ug/l

RT: 6.793 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU045451.D

Acq: 28 Oct 2021 21:12

Instrument :

MSVOA_U

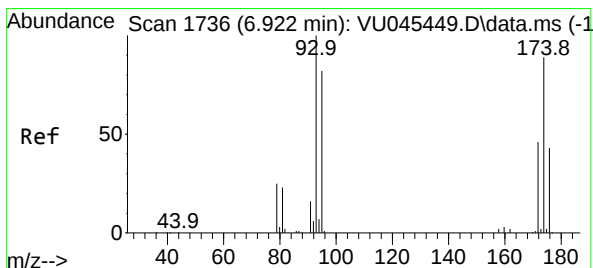
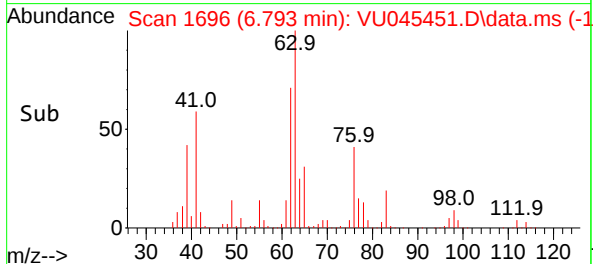
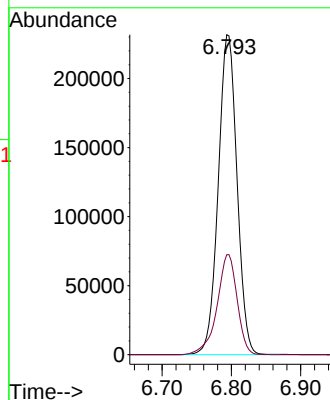
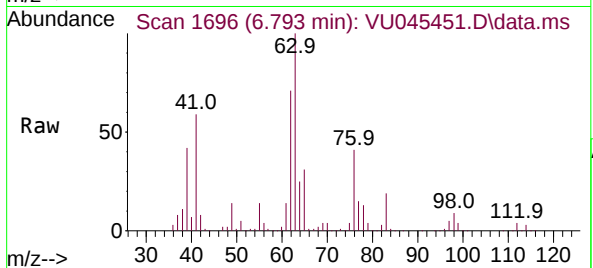
ClientSampleId :

Tgt Ion: 63 Resp: 436438

Ion Ratio Lower Upper

63 100

65 31.3 25.7 38.5



#46

Dibromomethane

Concen: 143.891 ug/l

RT: 6.922 min Scan# 1736

Delta R.T. -0.000 min

Lab File: VU045451.D

Acq: 28 Oct 2021 21:12

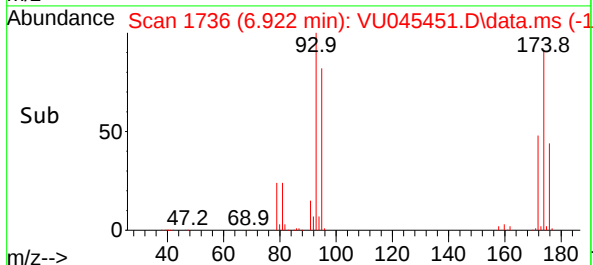
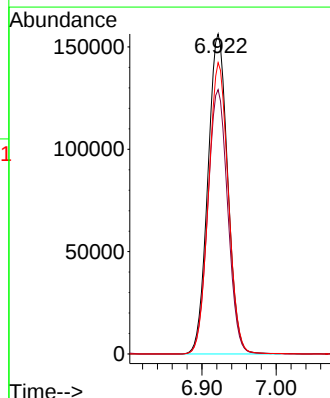
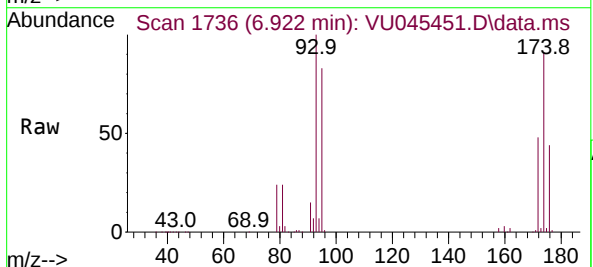
Tgt Ion: 93 Resp: 290122

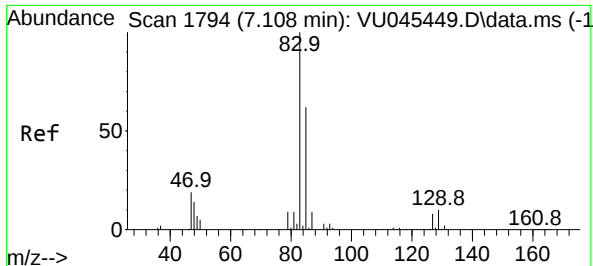
Ion Ratio Lower Upper

93 100

95 82.9 66.2 99.2

174 90.7 71.0 106.6





#47

Bromodichloromethane

Concen: 147.617 ug/l

RT: 7.111 min Scan# 1

Delta R.T. 0.003 min

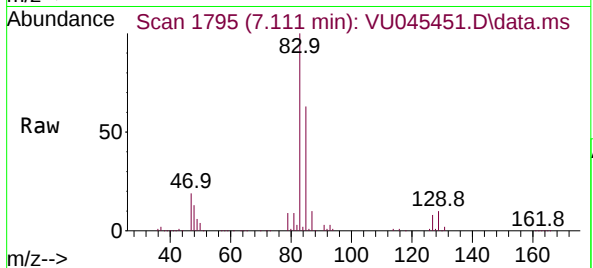
Lab File: VU045451.D

Acq: 28 Oct 2021 21:12

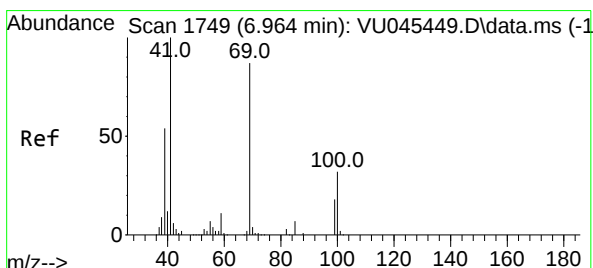
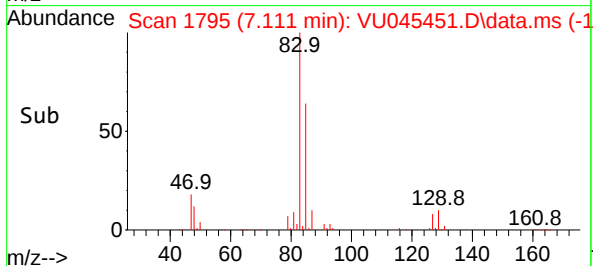
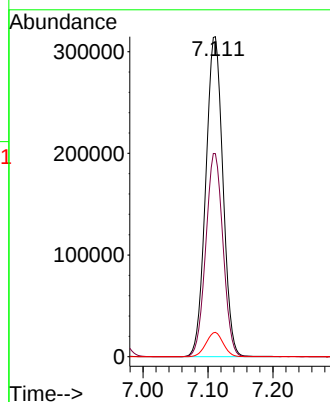
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	83	Resp:	578505
Ion	Ratio	Lower	Upper
83	100		
85	63.5	49.8	74.6
127	7.6	6.2	9.2



#48

Methyl methacrylate

Concen: 139.005 ug/l

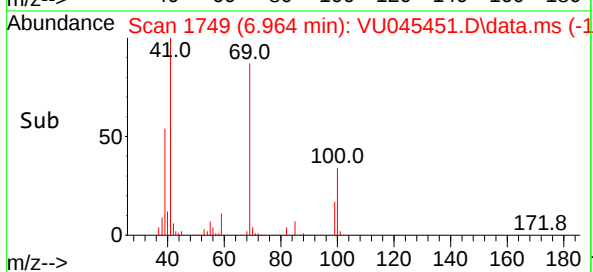
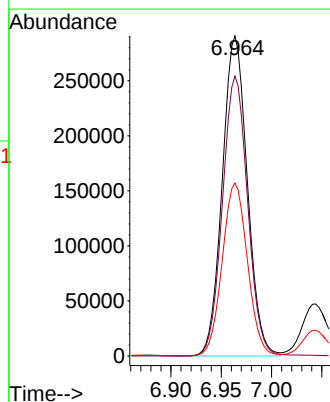
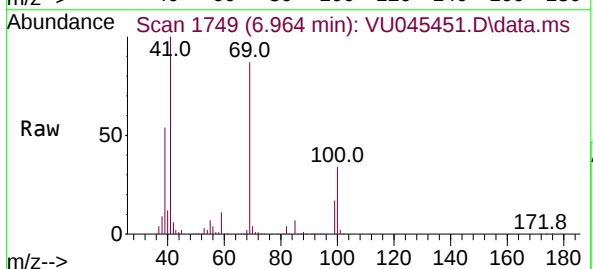
RT: 6.964 min Scan# 1749

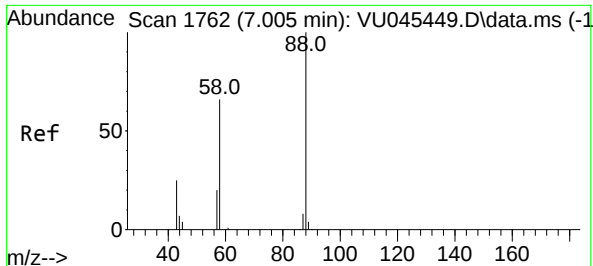
Delta R.T. -0.000 min

Lab File: VU045451.D

Acq: 28 Oct 2021 21:12

Tgt Ion:	41	Resp:	503250
Ion	Ratio	Lower	Upper
41	100		
69	88.2	70.2	105.2
39	54.4	43.9	65.9





#49

1,4-Dioxane

Concen: 2552.494 ug/l

RT: 7.021 min Scan# 1

Delta R.T. 0.016 min

Lab File: VU045451.D

Acq: 28 Oct 2021 21:12

Instrument :

MSVOA_U

ClientSampleId :

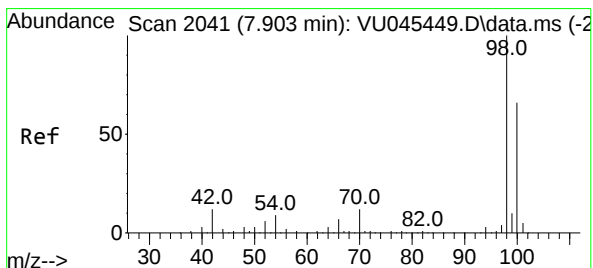
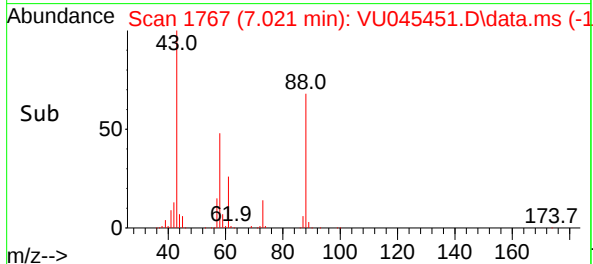
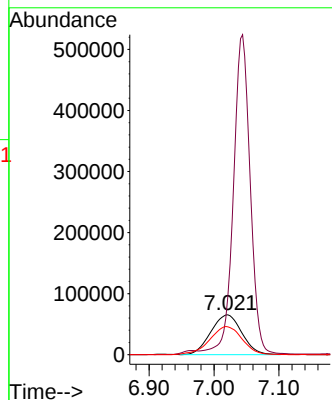
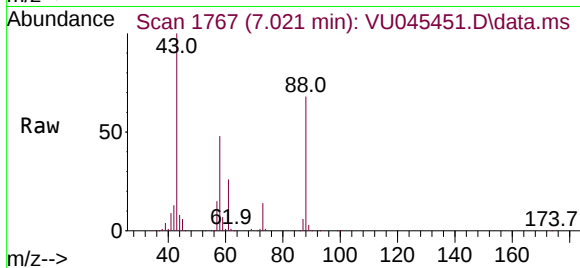
Tgt Ion: 88 Resp: 216537

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 73.8 58.7 88.1



#50

Toluene-d8

Concen: 148.546 ug/l

RT: 7.902 min Scan# 2041

Delta R.T. -0.000 min

Lab File: VU045451.D

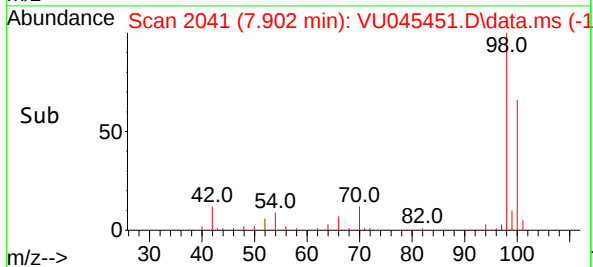
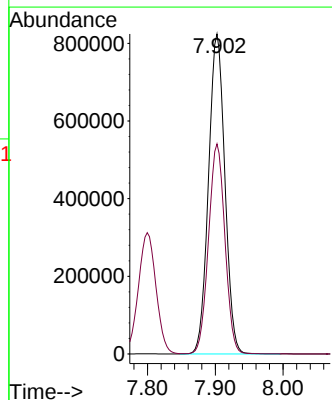
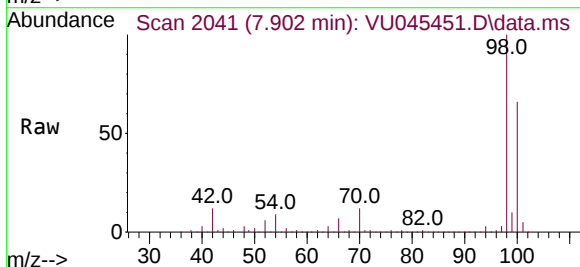
Acq: 28 Oct 2021 21:12

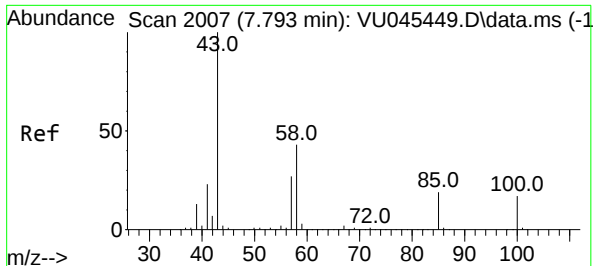
Tgt Ion: 98 Resp: 1381121

Ion Ratio Lower Upper

98 100

100 65.6 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 633.573 ug/l

RT: 7.800 min Scan# 2009

Delta R.T. 0.006 min

Lab File: VU045451.D

Acq: 28 Oct 2021 21:12

Instrument :

MSVOA_U

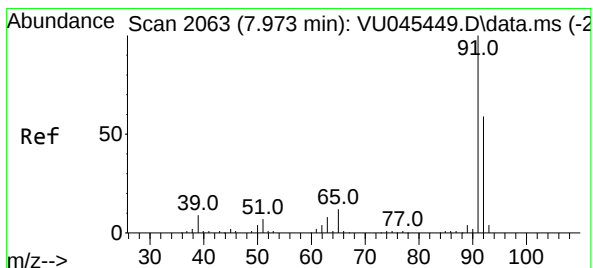
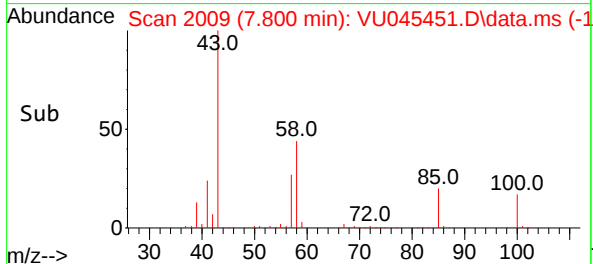
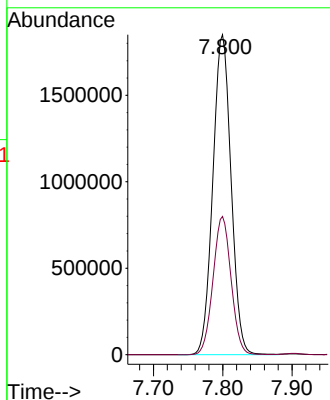
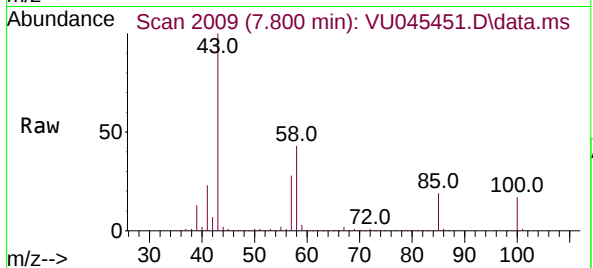
ClientSampleId :

Tgt Ion: 43 Resp: 3377014

Ion Ratio Lower Upper

43 100

58 42.8 33.8 50.8



#52

Toluene

Concen: 144.526 ug/l

RT: 7.973 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VU045451.D

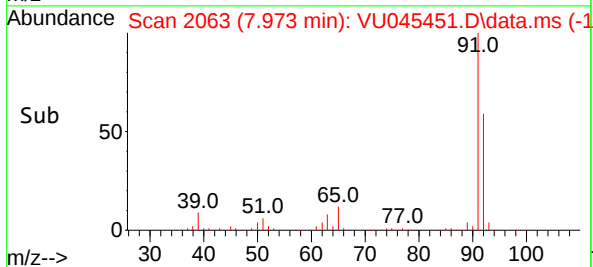
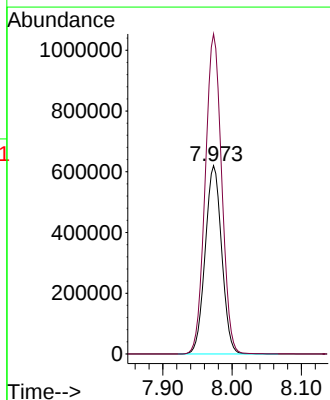
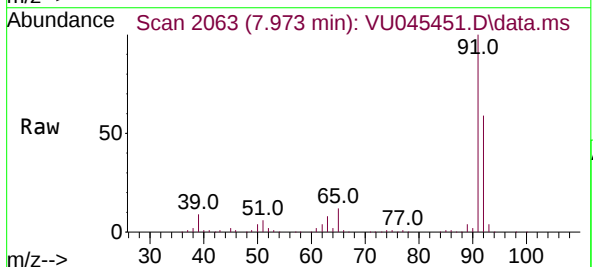
Acq: 28 Oct 2021 21:12

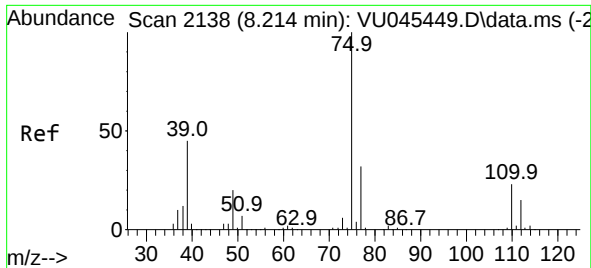
Tgt Ion: 92 Resp: 1021549

Ion Ratio Lower Upper

92 100

91 169.6 135.6 203.4

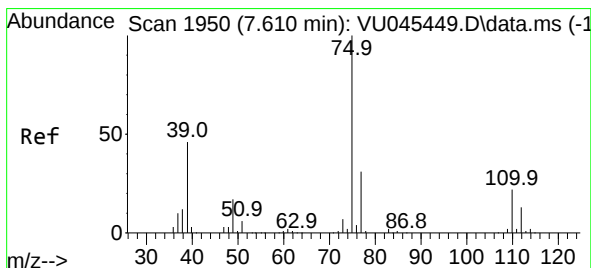
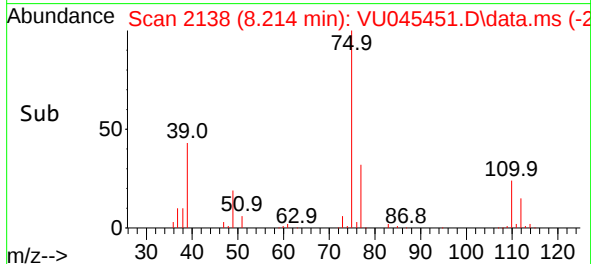
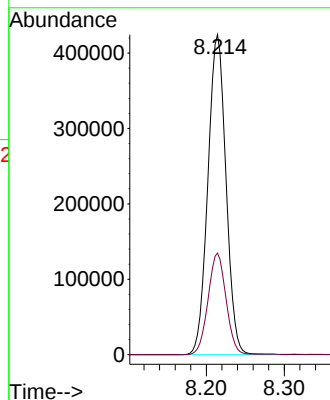
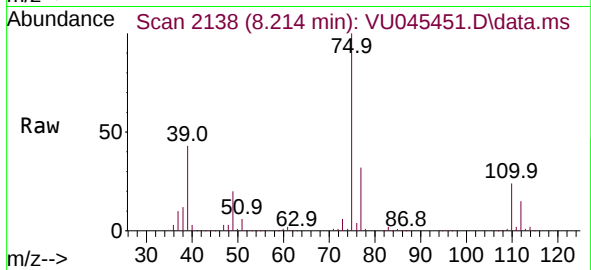




#53
 t-1,3-Dichloropropene
 Concen: 153.793 ug/l
 RT: 8.214 min Scan# 2138
 Delta R.T. -0.000 min
 Lab File: VU045451.D
 Acq: 28 Oct 2021 21:12

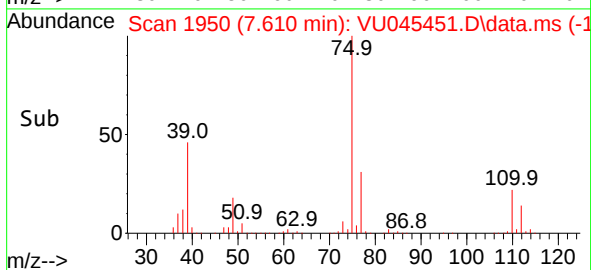
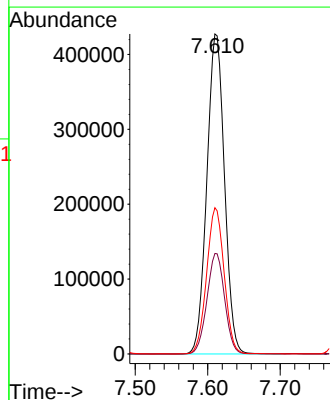
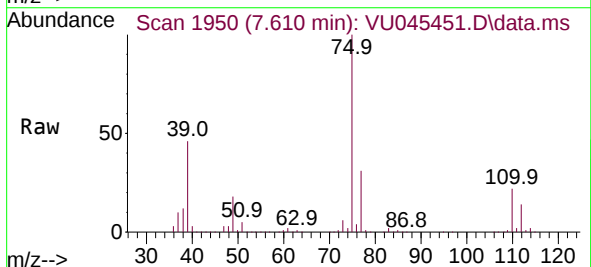
Instrument :
 MSVOA_U
 ClientSampleId :

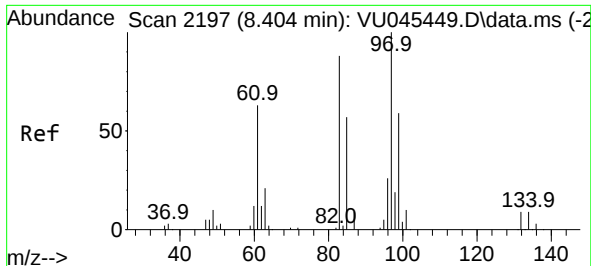
Tgt Ion: 75 Resp: 684783
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.8 38.8



#54
 cis-1,3-Dichloropropene
 Concen: 154.172 ug/l
 RT: 7.610 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: VU045451.D
 Acq: 28 Oct 2021 21:12

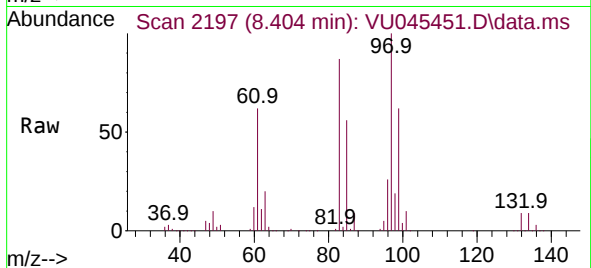
Tgt Ion: 75 Resp: 721565
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.6 37.0
 39 45.7 37.1 55.7





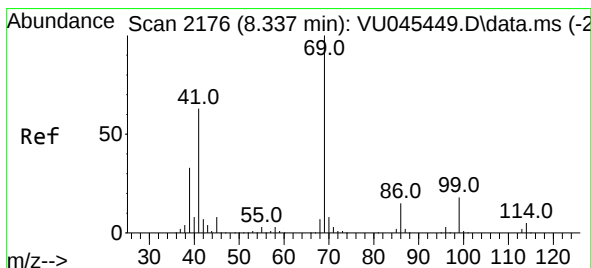
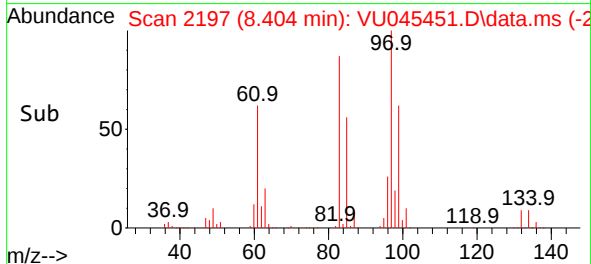
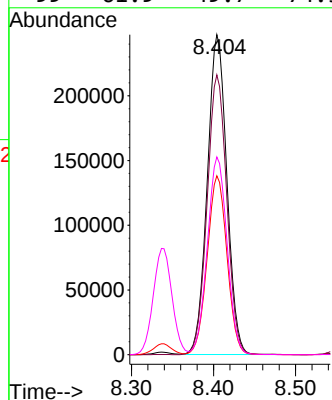
#55
1,1,2-Trichloroethane
Concen: 139.942 ug/l
RT: 8.404 min Scan# 2197
Delta R.T. -0.000 min
Lab File: VU045451.D
Acq: 28 Oct 2021 21:12

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 97 Resp: 409726

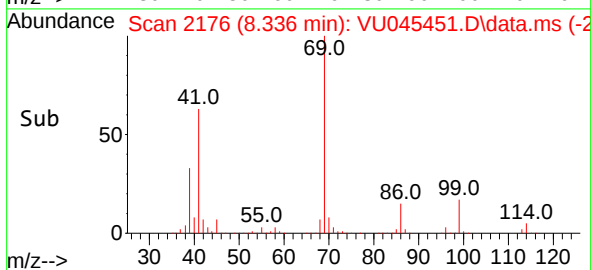
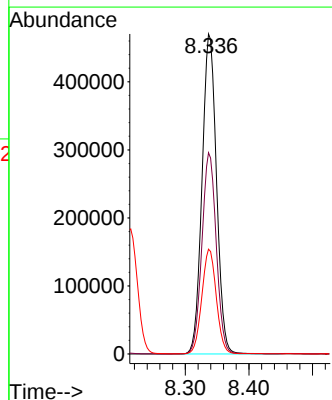
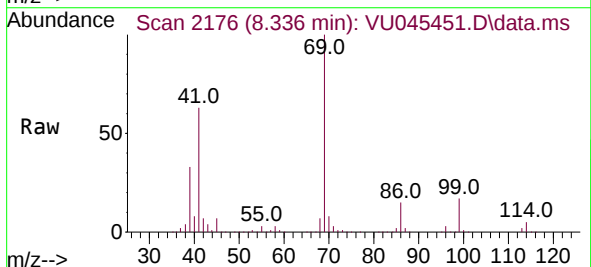
Ion	Ratio	Lower	Upper
97	100		
83	87.5	70.3	105.5
85	55.9	45.5	68.3
99	61.9	49.7	74.5

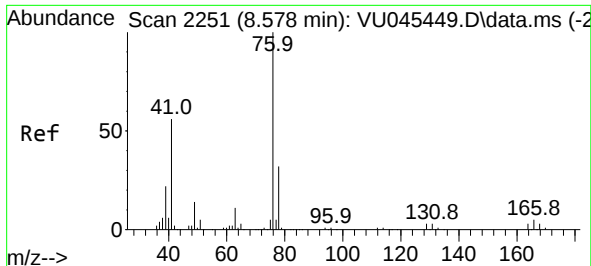


#56
Ethyl methacrylate
Concen: 147.013 ug/l
RT: 8.336 min Scan# 2176
Delta R.T. -0.000 min
Lab File: VU045451.D
Acq: 28 Oct 2021 21:12

Tgt Ion: 69 Resp: 741210

Ion	Ratio	Lower	Upper
69	100		
41	62.9	51.0	76.4
39	32.6	26.6	39.8





#57

1,3-Dichloropropane

Concen: 140.011 ug/l

RT: 8.581 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU045451.D

Acq: 28 Oct 2021 21:12

Instrument :

MSVOA_U

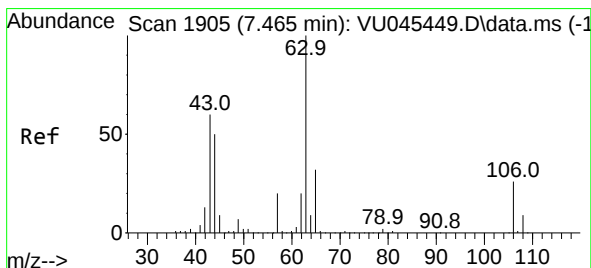
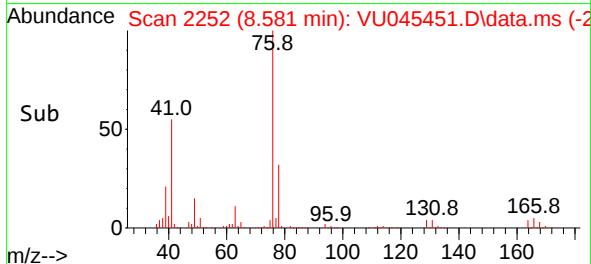
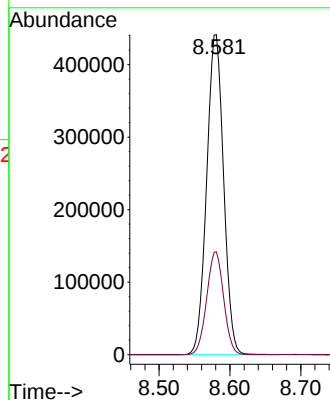
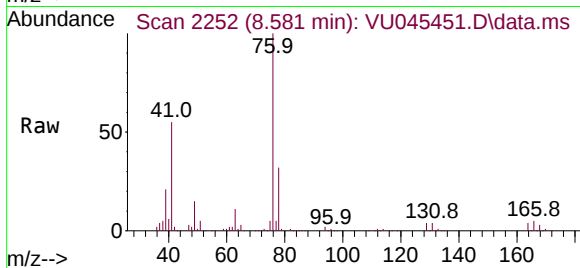
ClientSampleId :

Tgt Ion: 76 Resp: 732550

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 1166.887 ug/l

RT: 7.468 min Scan# 1906

Delta R.T. 0.003 min

Lab File: VU045451.D

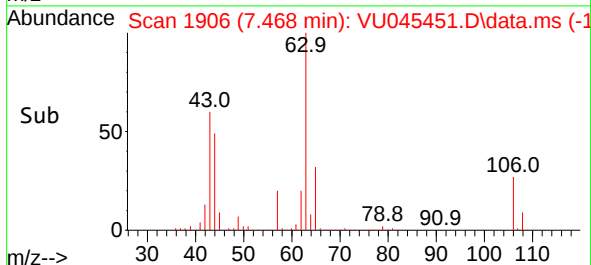
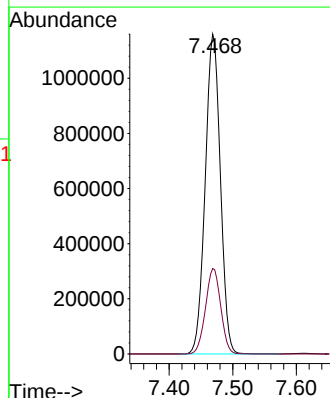
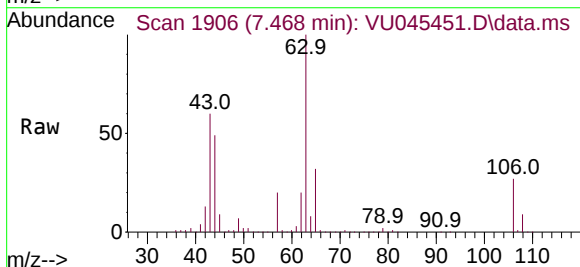
Acq: 28 Oct 2021 21:12

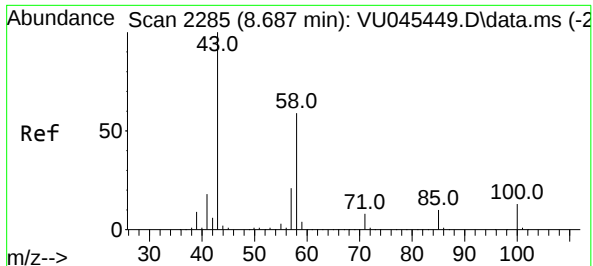
Tgt Ion: 63 Resp: 1919748

Ion Ratio Lower Upper

63 100

106 26.8 21.0 31.4

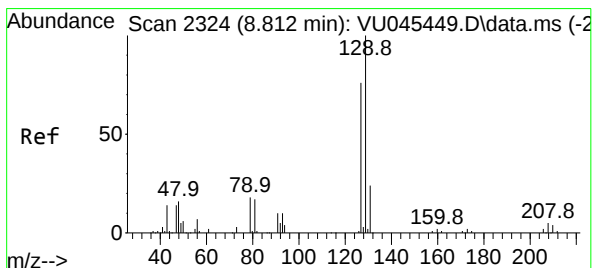
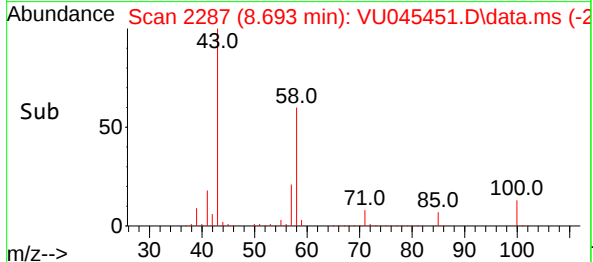
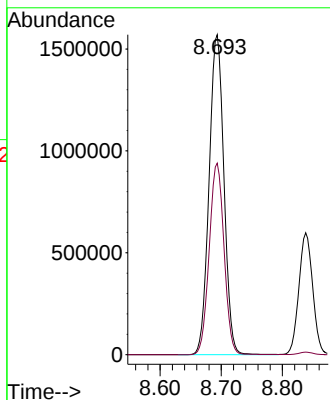
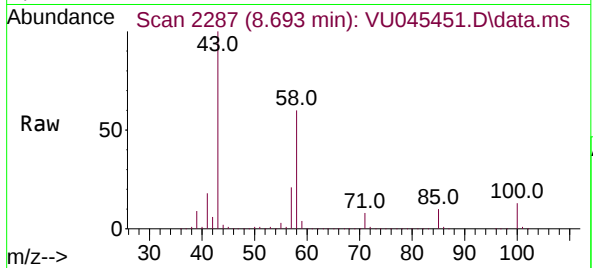




#59
2-Hexanone
Concen: 616.560 ug/l
RT: 8.693 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU045451.D
Acq: 28 Oct 2021 21:12

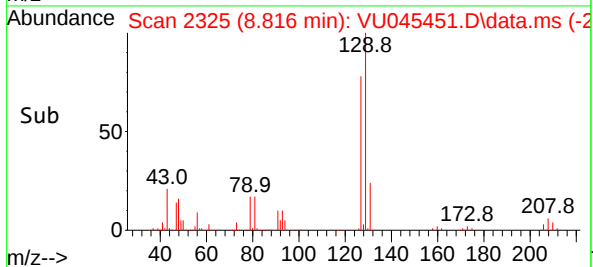
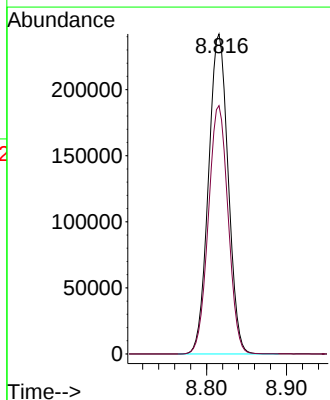
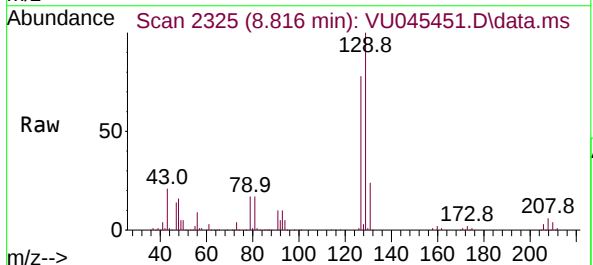
Instrument :
MSVOA_U
ClientSampleId :

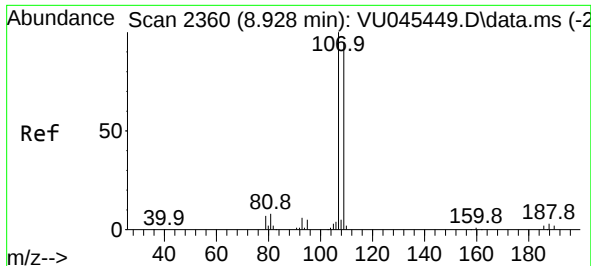
Tgt Ion: 43 Resp: 2644449
Ion Ratio Lower Upper
43 100
58 59.8 29.5 88.6



#60
Dibromochloromethane
Concen: 149.597 ug/l
RT: 8.816 min Scan# 2325
Delta R.T. 0.003 min
Lab File: VU045451.D
Acq: 28 Oct 2021 21:12

Tgt Ion: 129 Resp: 413691
Ion Ratio Lower Upper
129 100
127 77.9 38.5 115.3

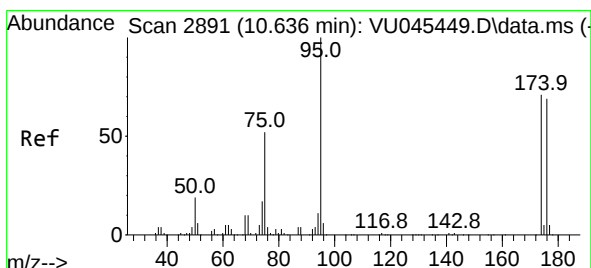
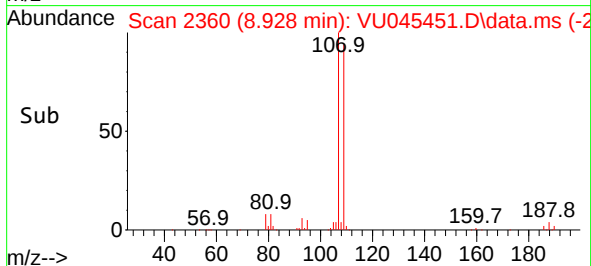
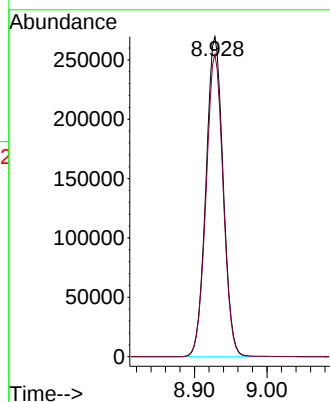
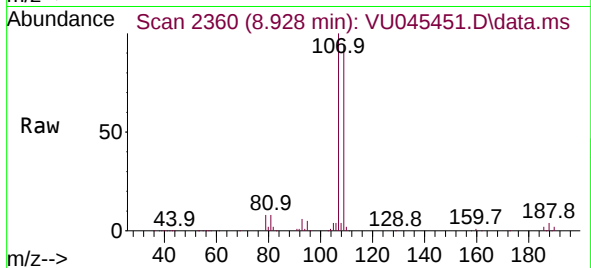




#61
1,2-Dibromoethane
Concen: 143.019 ug/l
RT: 8.928 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU045451.D
Acq: 28 Oct 2021 21:12

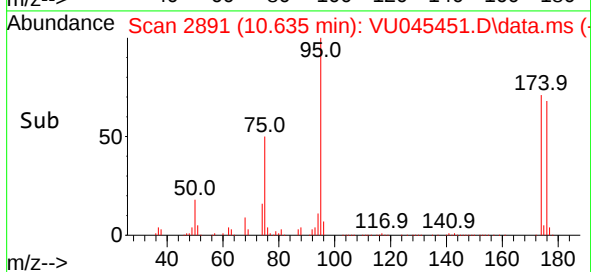
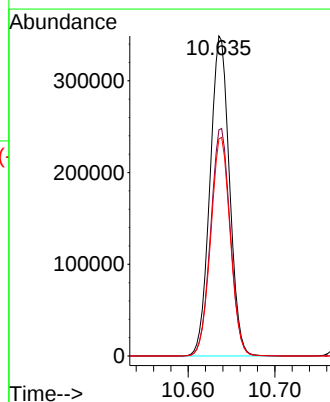
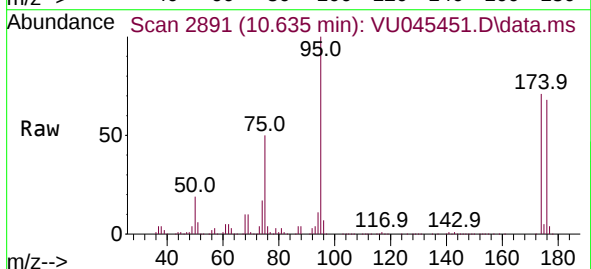
Instrument :
MSVOA_U
ClientSampleId :

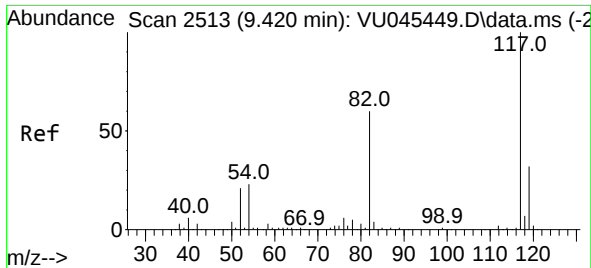
Tgt Ion:107 Resp: 443473
Ion Ratio Lower Upper
107 100
109 94.2 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 144.559 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.000 min
Lab File: VU045451.D
Acq: 28 Oct 2021 21:12

Tgt Ion: 95 Resp: 543929
Ion Ratio Lower Upper
95 100
174 71.8 0.0 141.8
176 68.8 0.0 138.2

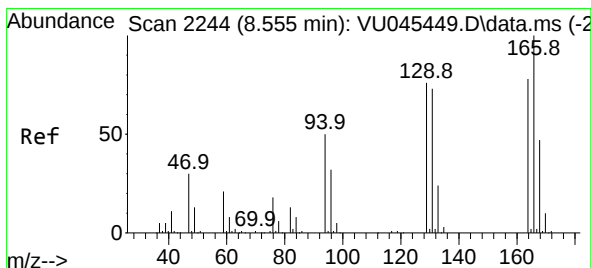
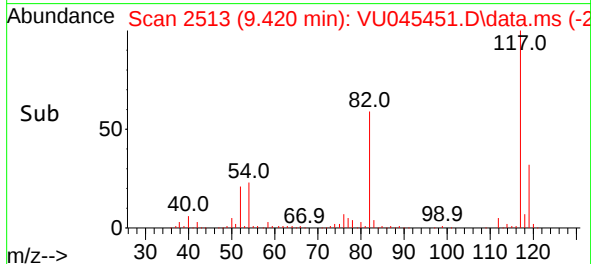
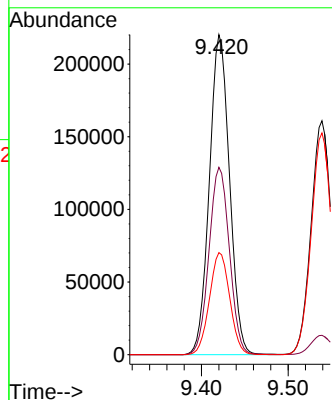
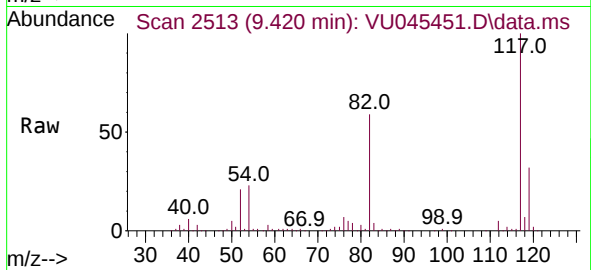




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU045451.D
Acq: 28 Oct 2021 21:12

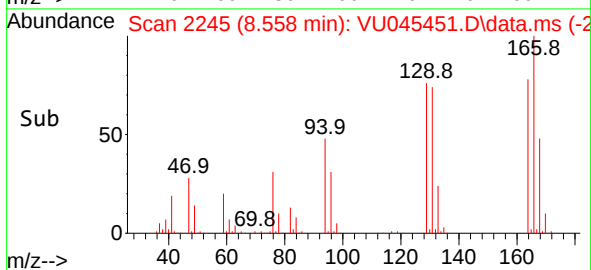
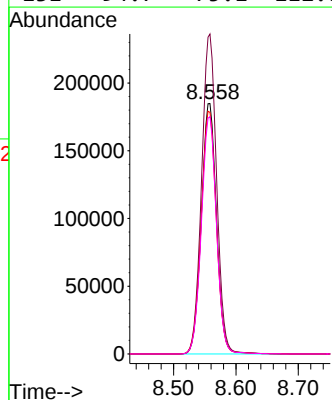
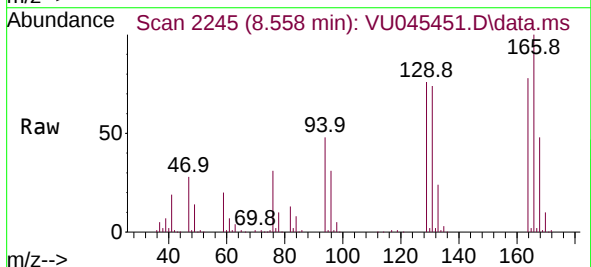
Instrument :
MSVOA_U
ClientSampleId :

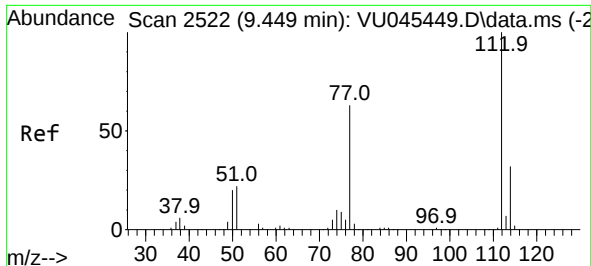
Tgt Ion:117 Resp: 355769
Ion Ratio Lower Upper
117 100
82 58.5 47.8 71.8
119 31.9 25.8 38.8



#64
Tetrachloroethene
Concen: 137.642 ug/l
RT: 8.558 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU045451.D
Acq: 28 Oct 2021 21:12

Tgt Ion:164 Resp: 312347
Ion Ratio Lower Upper
164 100
166 127.8 102.2 153.4
129 96.5 78.2 117.4
131 94.7 75.1 112.7

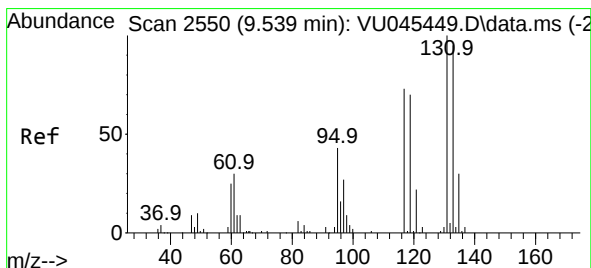
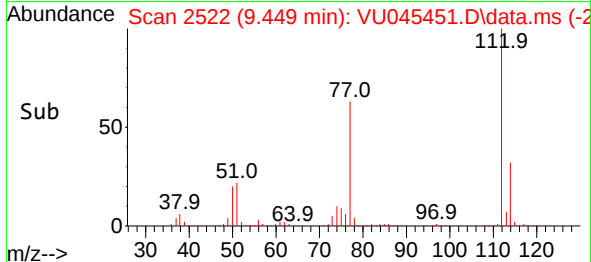
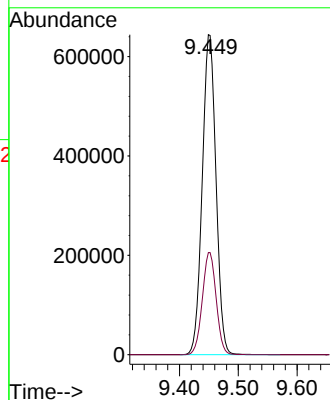
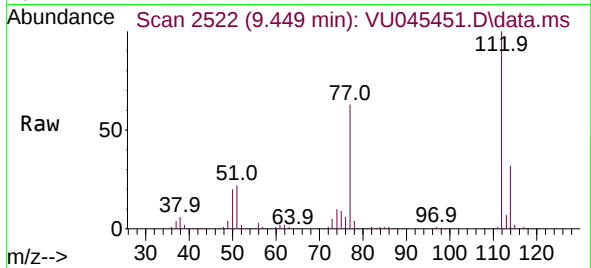




#65
Chlorobenzene
Concen: 142.716 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU045451.D
Acq: 28 Oct 2021 21:12

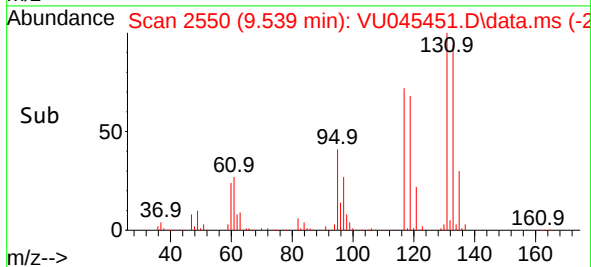
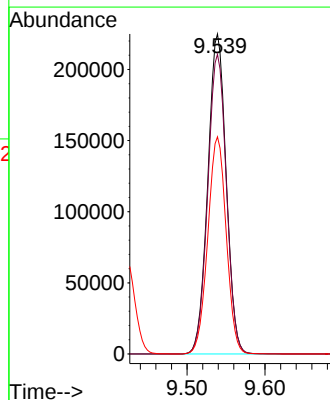
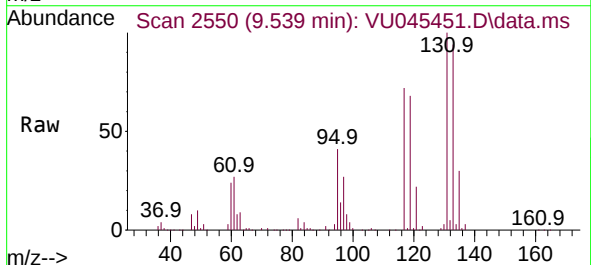
Instrument :
MSVOA_U
ClientSampleId :

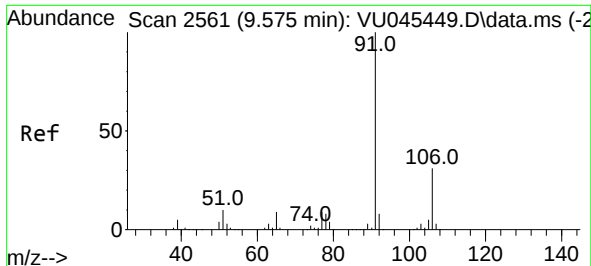
Tgt Ion:112 Resp: 1043970
Ion Ratio Lower Upper
112 100
114 31.9 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 145.328 ug/l
RT: 9.539 min Scan# 2550
Delta R.T. -0.000 min
Lab File: VU045451.D
Acq: 28 Oct 2021 21:12

Tgt Ion:131 Resp: 368685
Ion Ratio Lower Upper
131 100
133 95.0 47.9 143.6
119 68.1 34.5 103.6





#67

Ethyl Benzene

Concen: 147.224 ug/l

RT: 9.574 min Scan# 2561

Delta R.T. -0.000 min

Lab File: VU045451.D

Acq: 28 Oct 2021 21:12

Instrument :

MSVOA_U

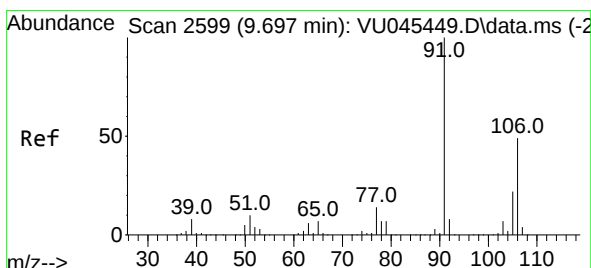
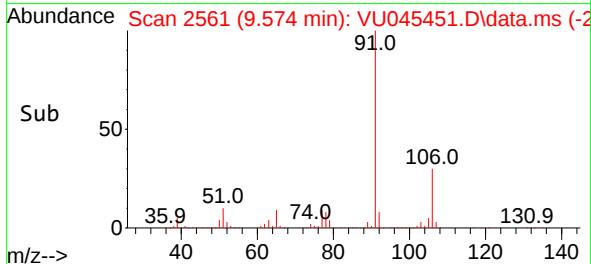
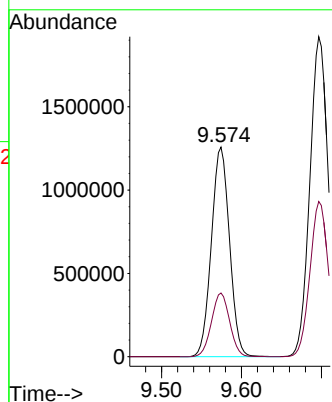
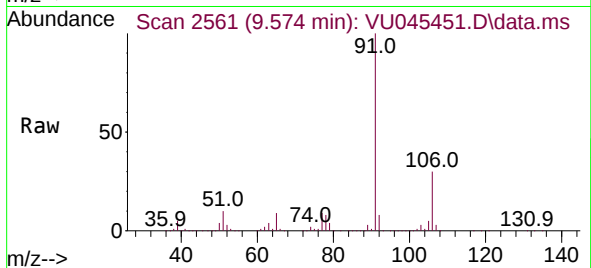
ClientSampleId :

Tgt Ion: 91 Resp: 1978989

Ion Ratio Lower Upper

91 100

106 30.4 24.6 36.8



#68

m/p-Xylenes

Concen: 287.826 ug/l

RT: 9.697 min Scan# 2599

Delta R.T. -0.000 min

Lab File: VU045451.D

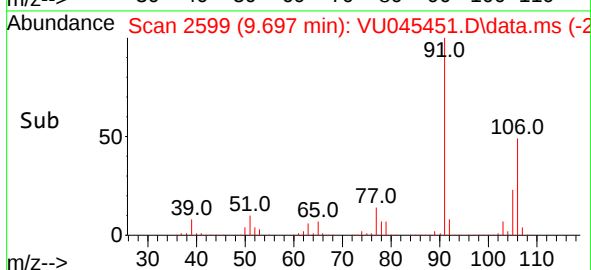
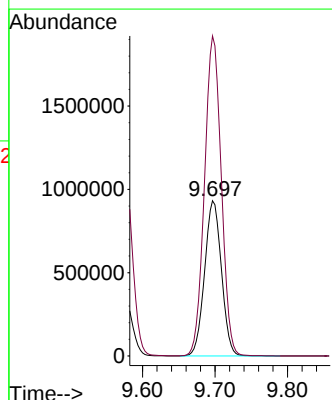
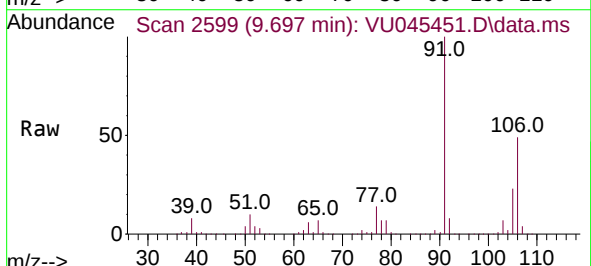
Acq: 28 Oct 2021 21:12

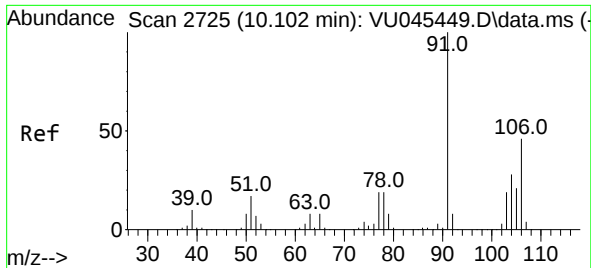
Tgt Ion:106 Resp: 1501508

Ion Ratio Lower Upper

106 100

91 205.8 164.7 247.1

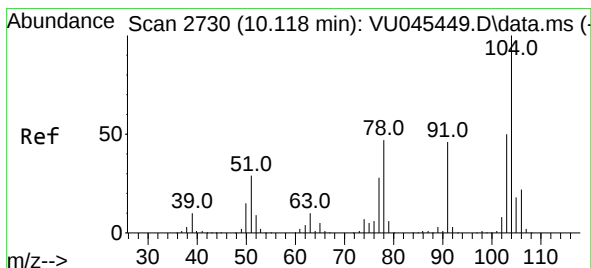
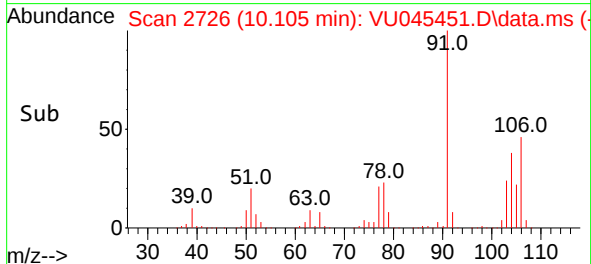
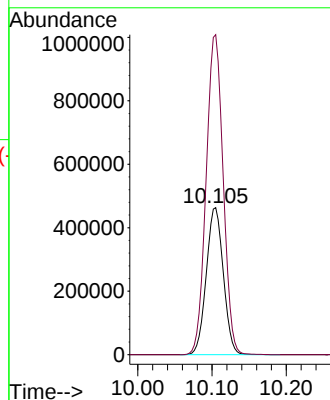
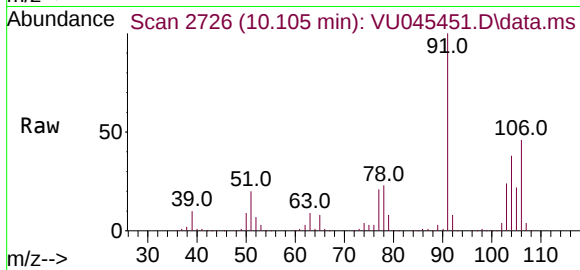




#69
o-Xylene
Concen: 142.769 ug/l
RT: 10.105 min Scan# 2726
Delta R.T. 0.003 min
Lab File: VU045451.D
Acq: 28 Oct 2021 21:12

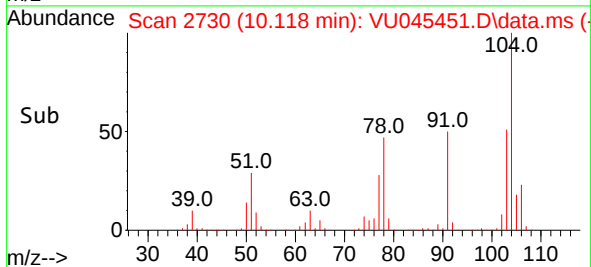
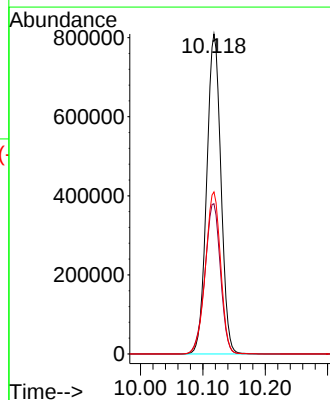
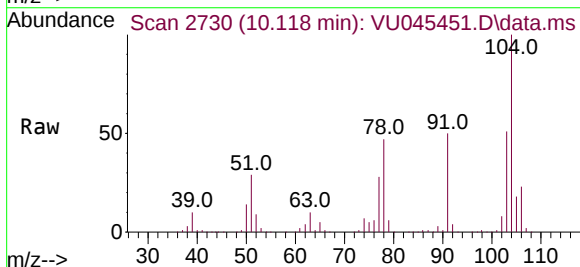
Instrument :
MSVOA_U
ClientSampleId :

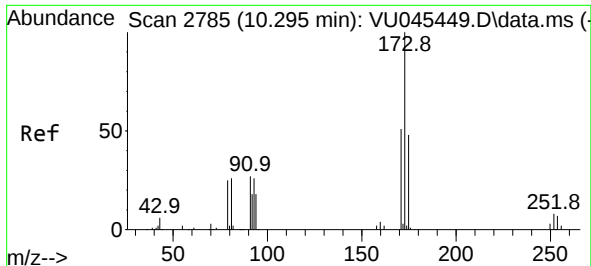
Tgt Ion:106 Resp: 736495
Ion Ratio Lower Upper
106 100
91 218.0 108.7 326.3



#70
Styrene
Concen: 148.666 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. -0.000 min
Lab File: VU045451.D
Acq: 28 Oct 2021 21:12

Tgt Ion:104 Resp: 1281713
Ion Ratio Lower Upper
104 100
78 51.4 41.8 62.6
103 54.2 43.8 65.6

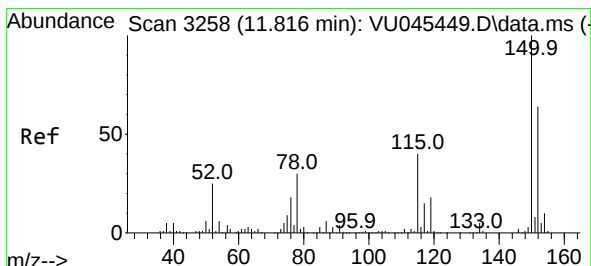
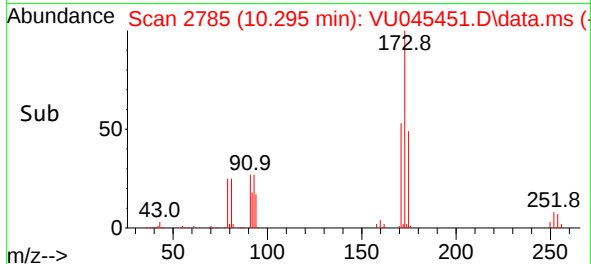
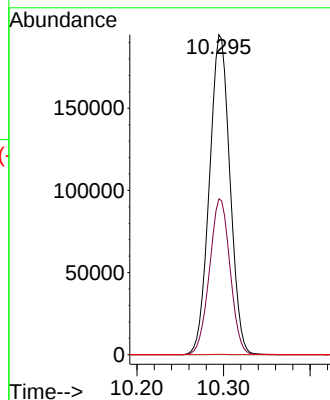
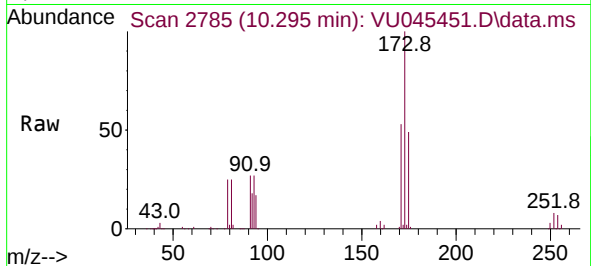




#71
Bromoform
Concen: 150.979 ug/l
RT: 10.295 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU045451.D
Acq: 28 Oct 2021 21:12

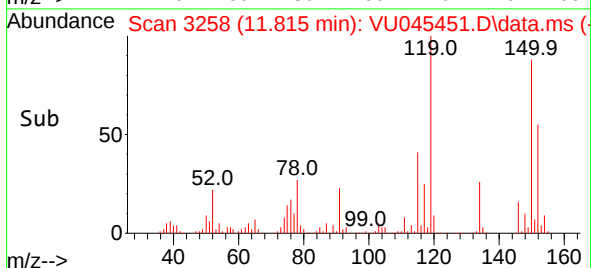
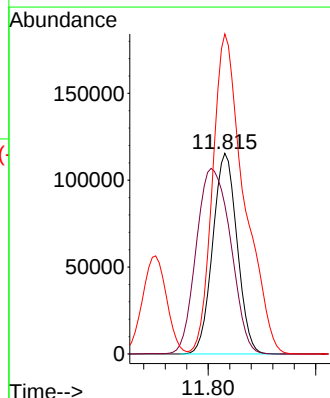
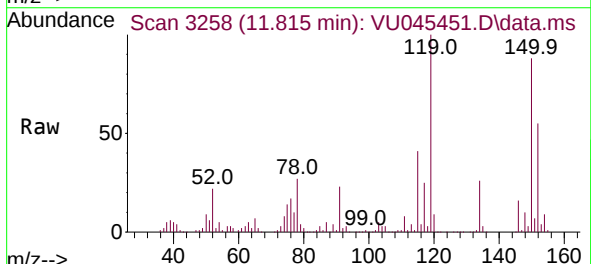
Instrument :
MSVOA_U
ClientSampleId :

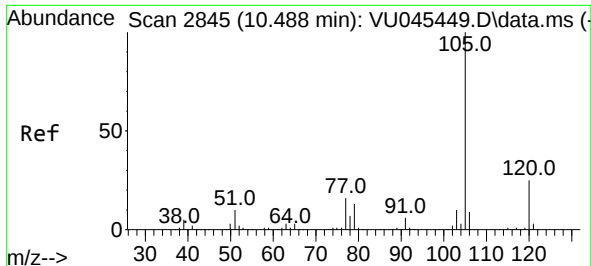
Tgt Ion:173 Resp: 320871
Ion Ratio Lower Upper
173 100
175 48.9 24.1 72.2
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.815 min Scan# 3258
Delta R.T. -0.000 min
Lab File: VU045451.D
Acq: 28 Oct 2021 21:12

Tgt Ion:152 Resp: 181758
Ion Ratio Lower Upper
152 100
115 130.4 42.7 128.1#
150 206.8 0.0 346.8

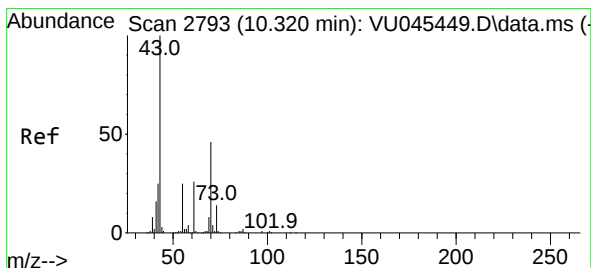
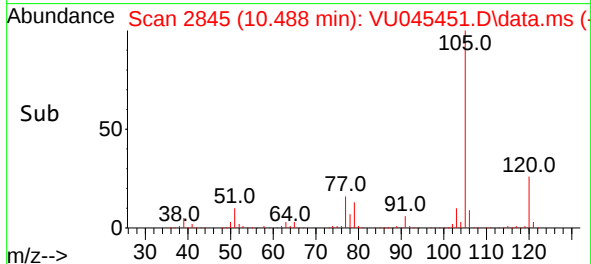
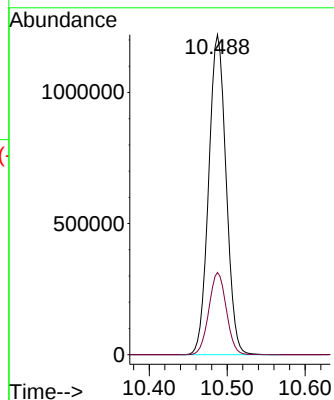
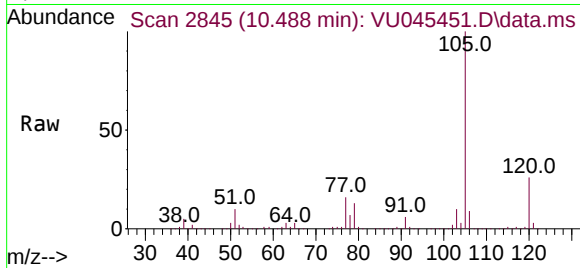




#73
Isopropylbenzene
Concen: 141.541 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. -0.000 min
Lab File: VU045451.D
Acq: 28 Oct 2021 21:12

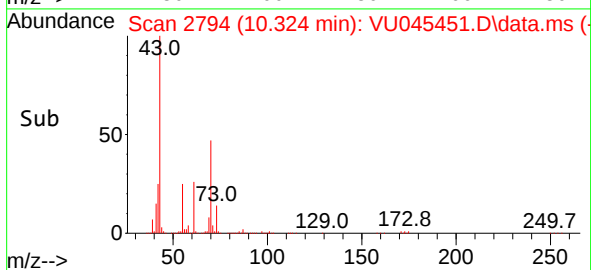
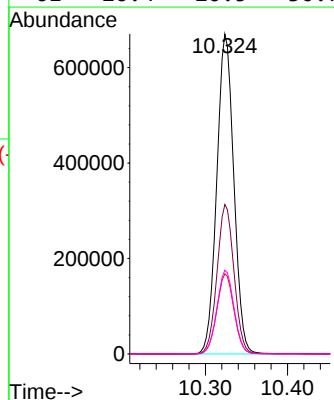
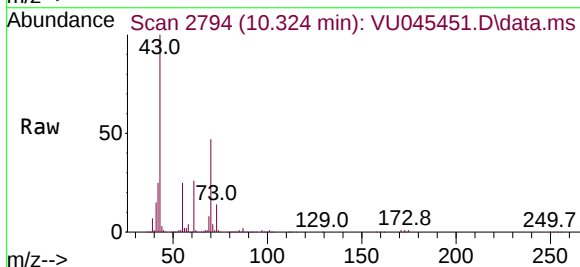
Instrument :
MSVOA_U
ClientSampleId :

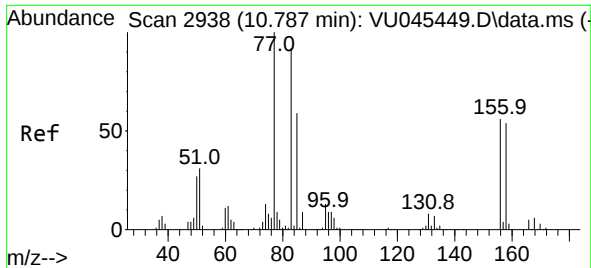
Tgt Ion:105 Resp: 1895621
Ion Ratio Lower Upper
105 100
120 25.7 12.9 38.6



#74
N-ethyl acetate
Concen: 145.427 ug/l
RT: 10.324 min Scan# 2794
Delta R.T. 0.003 min
Lab File: VU045451.D
Acq: 28 Oct 2021 21:12

Tgt Ion: 43 Resp: 964776
Ion Ratio Lower Upper
43 100
70 46.6 36.9 55.3
55 25.3 20.6 31.0
61 26.4 20.5 30.7

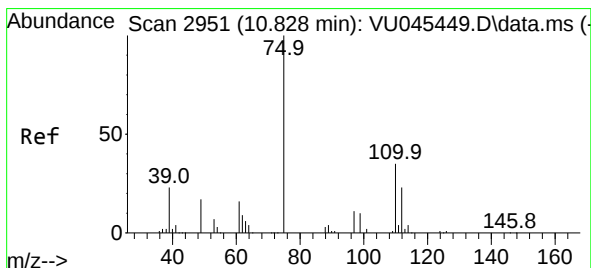
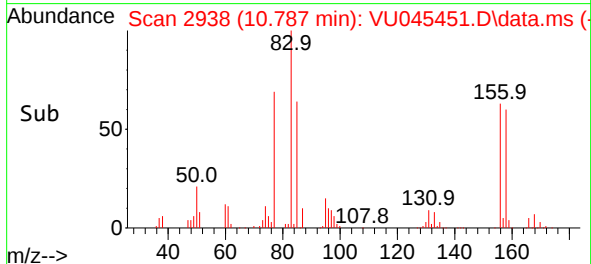
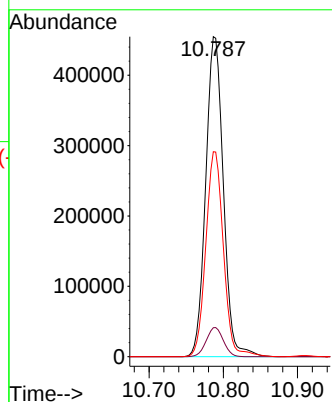
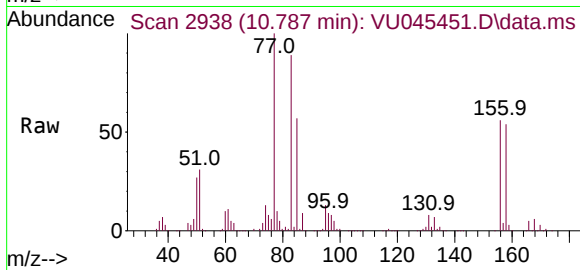




#75
1,1,2,2-Tetrachloroethane
Concen: 131.727 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. -0.000 min
Lab File: VU045451.D
Acq: 28 Oct 2021 21:12

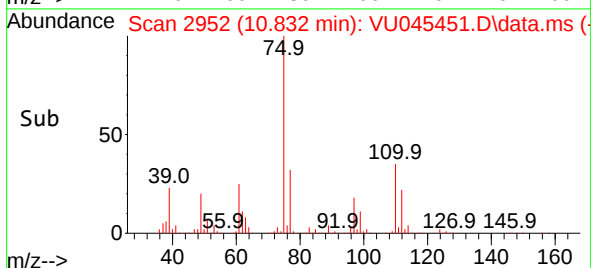
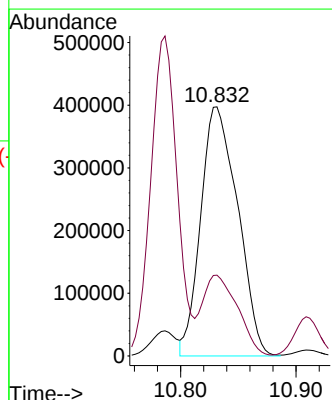
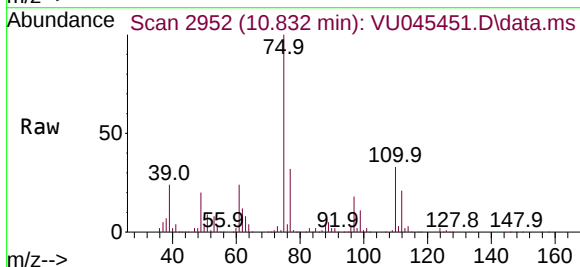
Instrument :
MSVOA_U
ClientSampleId :

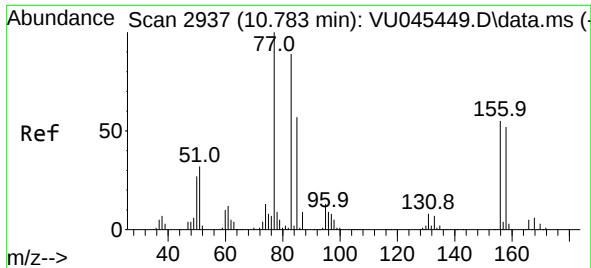
Tgt Ion: 83 Resp: 747911
Ion Ratio Lower Upper
83 100
131 8.9 4.4 13.2
85 64.0 31.9 95.9



#76
1,2,3-Trichloropropane
Concen: 169.512 ug/l
RT: 10.832 min Scan# 2952
Delta R.T. 0.003 min
Lab File: VU045451.D
Acq: 28 Oct 2021 21:12

Tgt Ion: 75 Resp: 883588
Ion Ratio Lower Upper
75 100
77 30.7 17.1 51.3

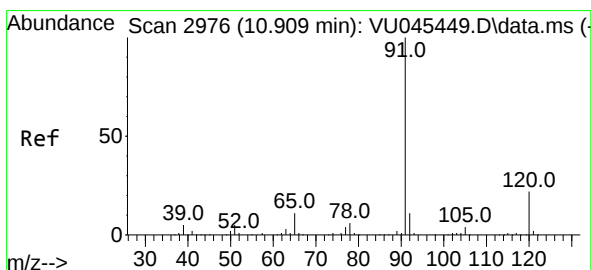
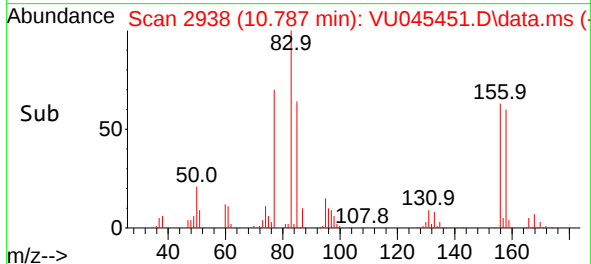
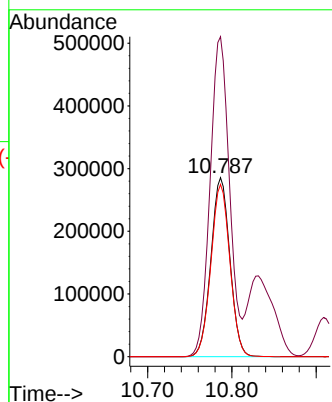
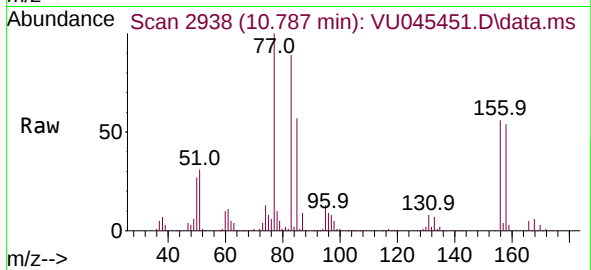




#77
Bromobenzene
Concen: 139.367 ug/l
RT: 10.787 min Scan# 2937
Delta R.T. 0.003 min
Lab File: VU045451.D
Acq: 28 Oct 2021 21:12

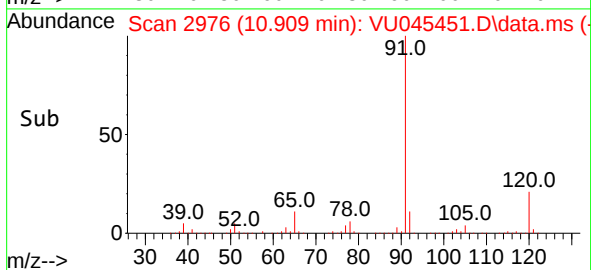
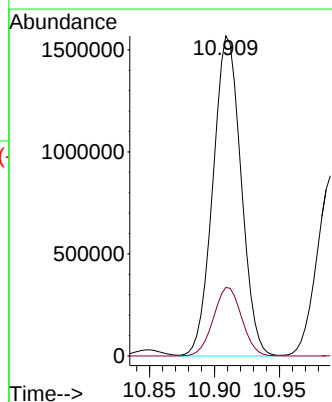
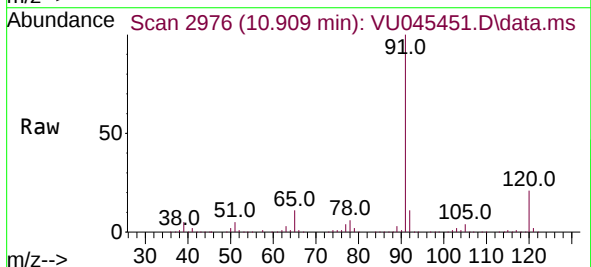
Instrument :
MSVOA_U
ClientSampleId :

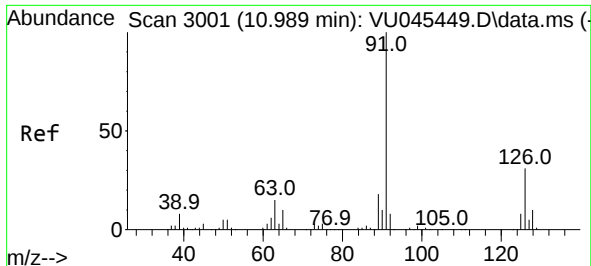
Tgt Ion:156 Resp: 447747
Ion Ratio Lower Upper
156 100
77 182.7 91.1 273.4
158 96.2 47.9 143.6



#78
n-propylbenzene
Concen: 144.839 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. -0.000 min
Lab File: VU045451.D
Acq: 28 Oct 2021 21:12

Tgt Ion: 91 Resp: 2358104
Ion Ratio Lower Upper
91 100
120 21.6 10.9 32.7

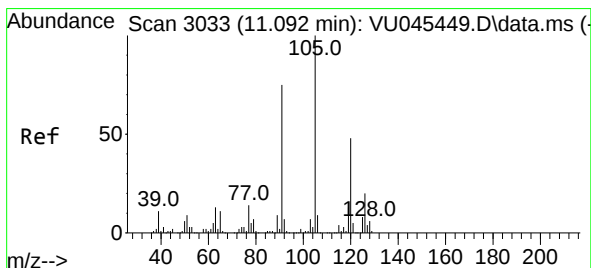
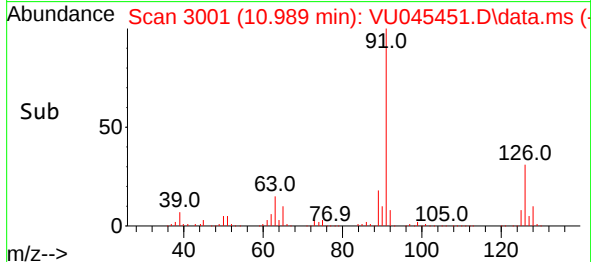
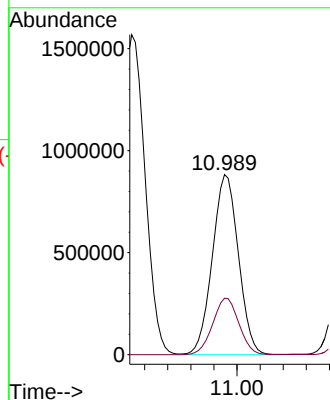
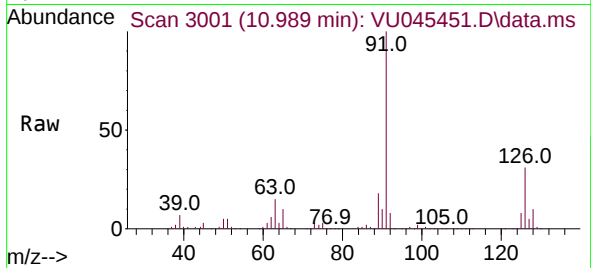




#79
2-Chlorotoluene
Concen: 135.782 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. -0.000 min
Lab File: VU045451.D
Acq: 28 Oct 2021 21:12

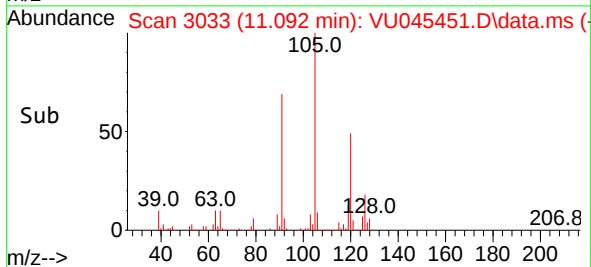
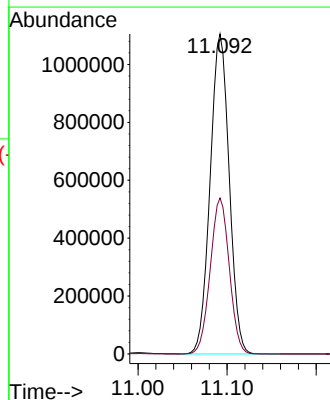
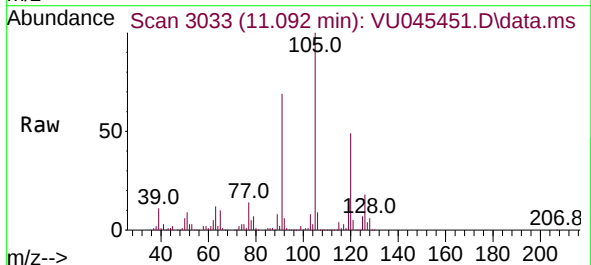
Instrument :
MSVOA_U
ClientSampleId :

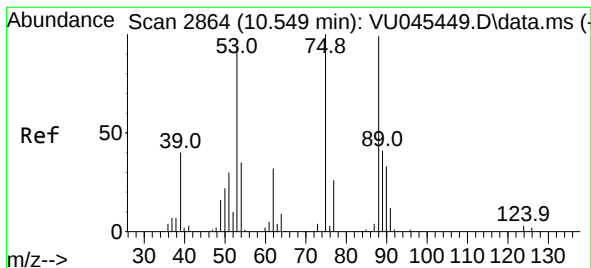
Tgt Ion: 91 Resp: 1380751
Ion Ratio Lower Upper
91 100
126 31.5 15.6 46.8



#80
1,3,5-Trimethylbenzene
Concen: 140.673 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. -0.000 min
Lab File: VU045451.D
Acq: 28 Oct 2021 21:12

Tgt Ion:105 Resp: 1638380
Ion Ratio Lower Upper
105 100
120 48.7 23.9 71.8

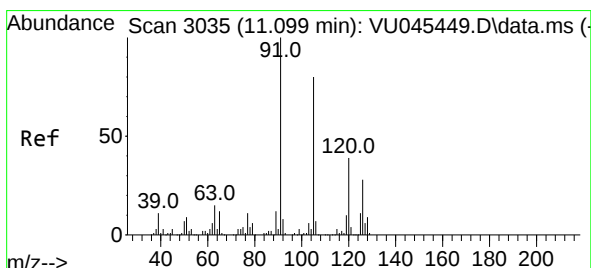
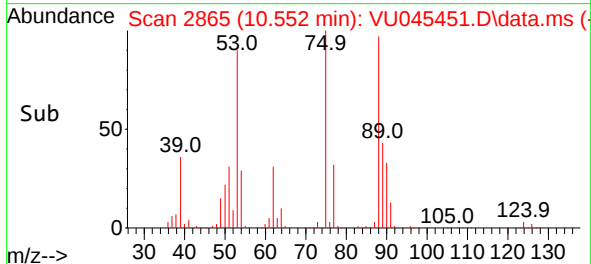
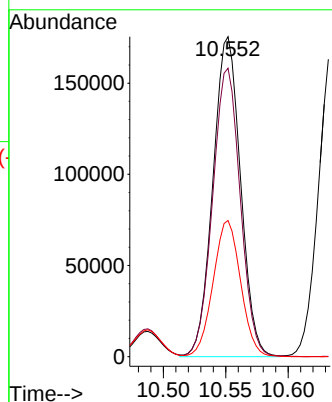
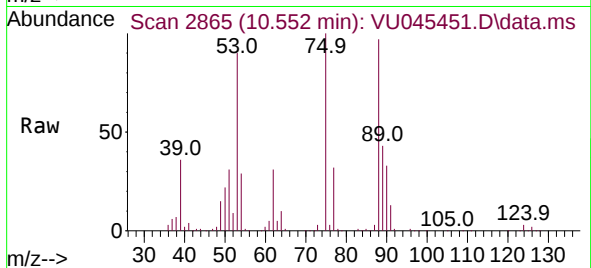




#81
trans-1,4-Dichloro-2-butene
Concen: 147.091 ug/l
RT: 10.552 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU045451.D
Acq: 28 Oct 2021 21:12

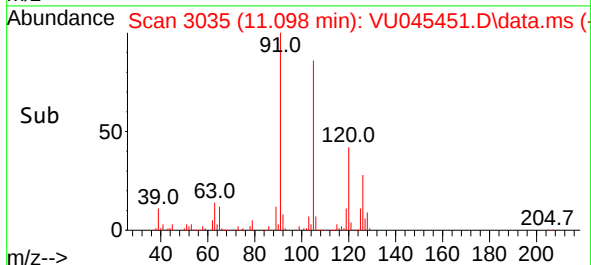
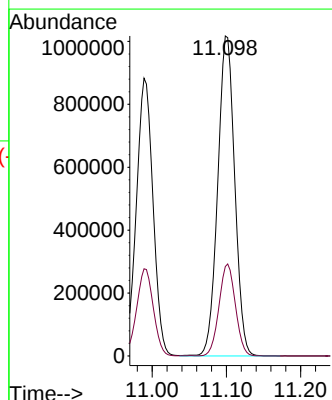
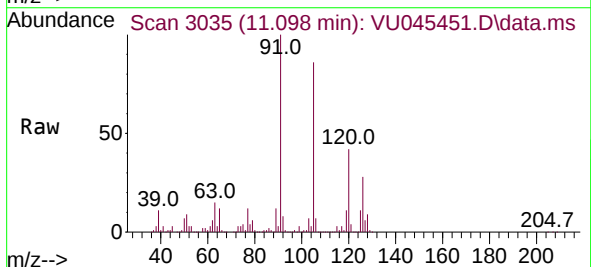
Instrument :
MSVOA_U
ClientSampleId :

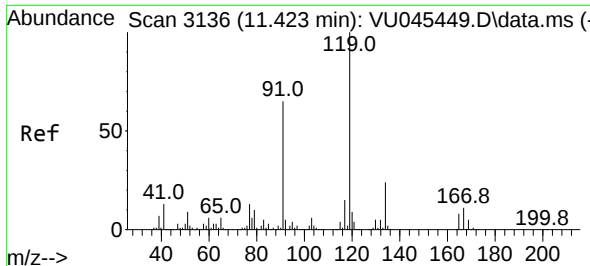
Tgt Ion: 75 Resp: 270763
Ion Ratio Lower Upper
75 100
53 90.3 76.2 114.4
89 42.4 34.0 51.0



#82
4-Chlorotoluene
Concen: 140.980 ug/l
RT: 11.098 min Scan# 3035
Delta R.T. -0.000 min
Lab File: VU045451.D
Acq: 28 Oct 2021 21:12

Tgt Ion: 91 Resp: 1617658
Ion Ratio Lower Upper
91 100
126 27.7 13.8 41.4

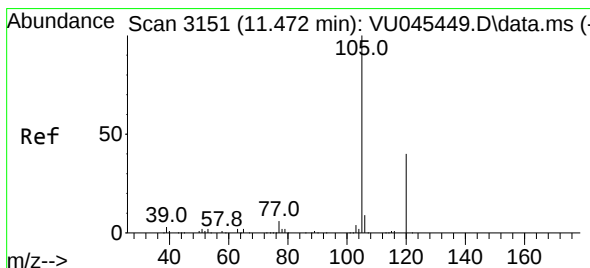
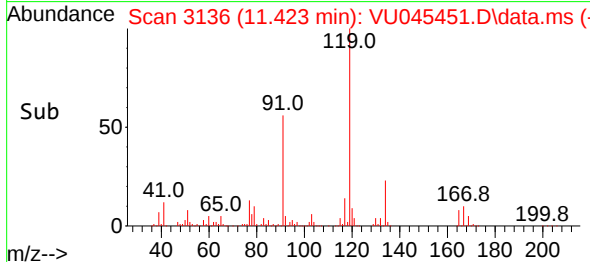
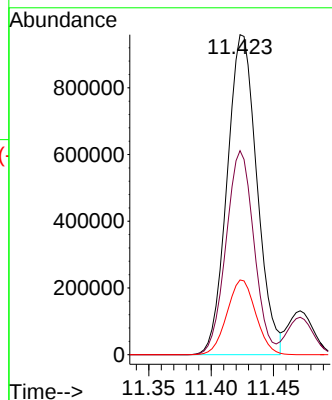
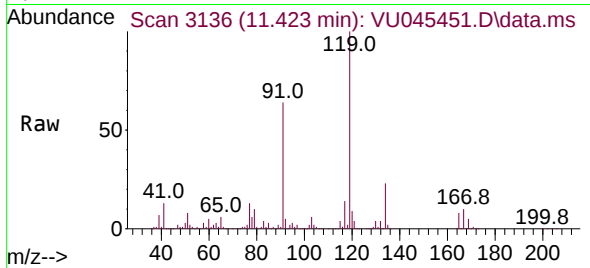




#83
tert-Butylbenzene
Concen: 141.591 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. -0.000 min
Lab File: VU045451.D
Acq: 28 Oct 2021 21:12

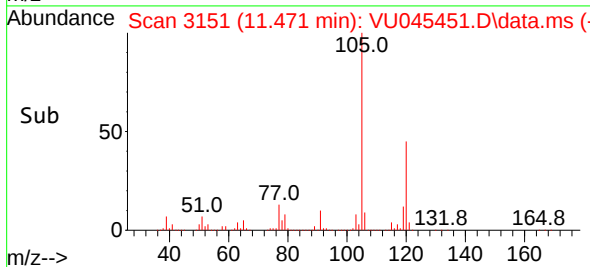
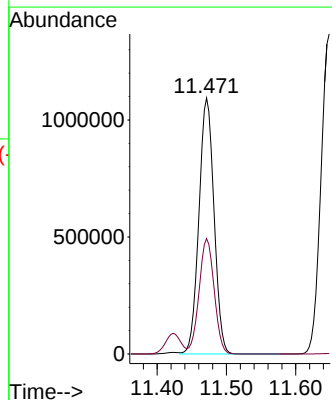
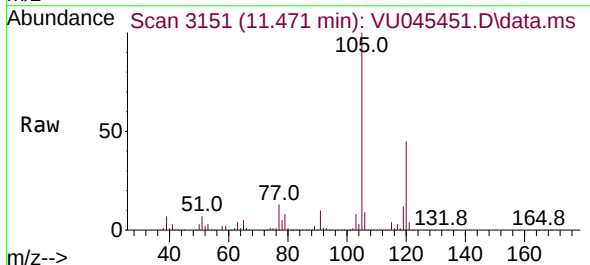
Instrument :
MSVOA_U
ClientSampleId :

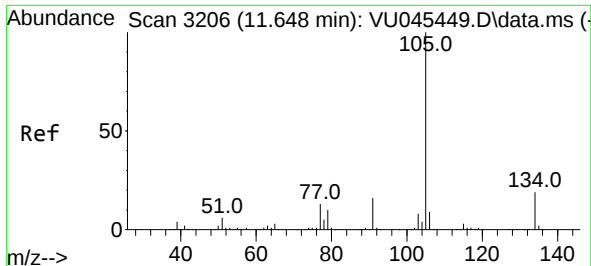
Tgt Ion:119 Resp: 1598484
Ion Ratio Lower Upper
119 100
91 59.7 30.5 91.5
134 22.5 11.5 34.5



#84
1,2,4-Trimethylbenzene
Concen: 143.934 ug/l
RT: 11.471 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VU045451.D
Acq: 28 Oct 2021 21:12

Tgt Ion:105 Resp: 1655774
Ion Ratio Lower Upper
105 100
120 45.0 22.2 66.6

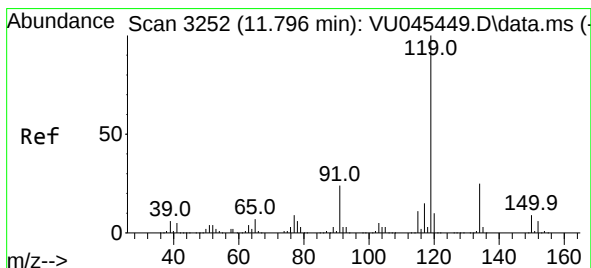
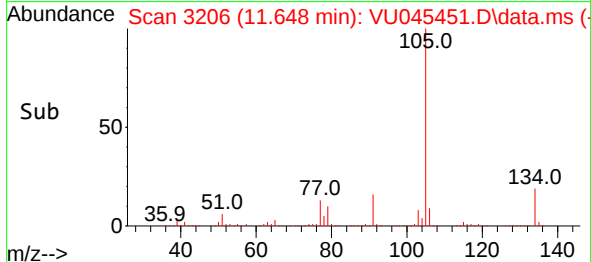
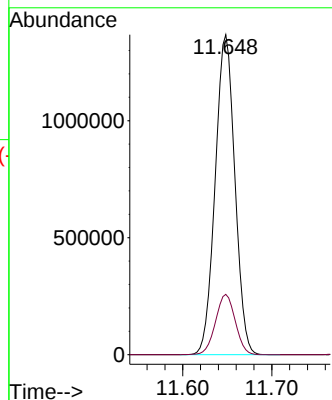
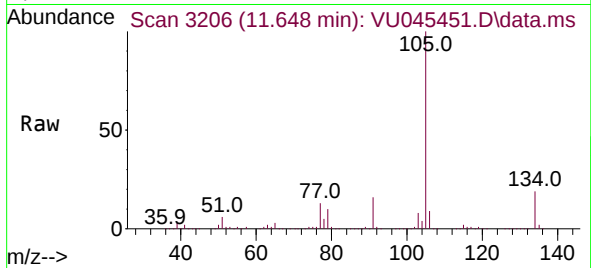




#85
 sec-Butylbenzene
 Concen: 143.846 ug/l
 RT: 11.648 min Scan# 3206
 Delta R.T. -0.000 min
 Lab File: VU045451.D
 Acq: 28 Oct 2021 21:12

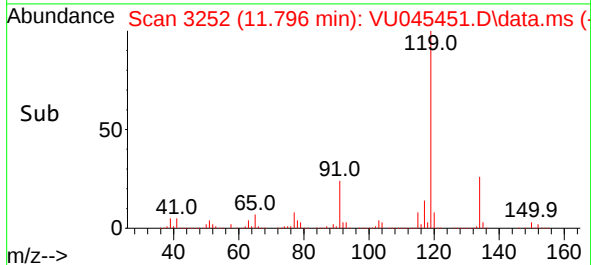
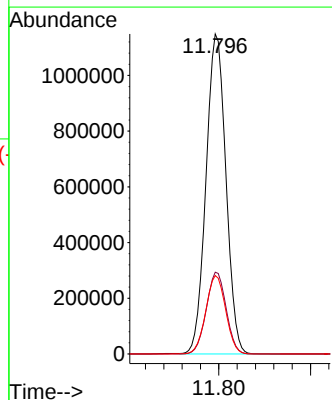
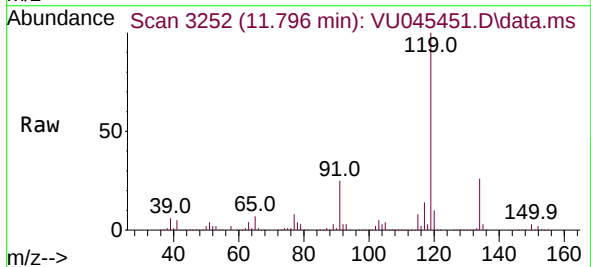
Instrument :
 MSVOA_U
 ClientSampleId :

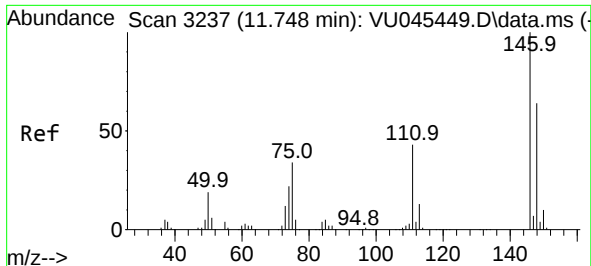
Tgt Ion:105 Resp: 2096388
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.4 28.3



#86
 p-Isopropyltoluene
 Concen: 147.620 ug/l
 RT: 11.796 min Scan# 3252
 Delta R.T. -0.000 min
 Lab File: VU045451.D
 Acq: 28 Oct 2021 21:12

Tgt Ion:119 Resp: 1729683
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.7 38.1
 91 24.5 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 142.393 ug/l

RT: 11.751 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU045451.D

Acq: 28 Oct 2021 21:12

Instrument :

MSVOA_U

ClientSampleId :

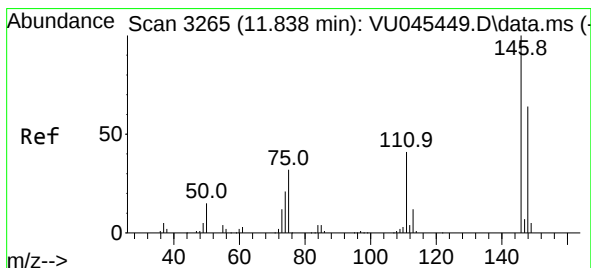
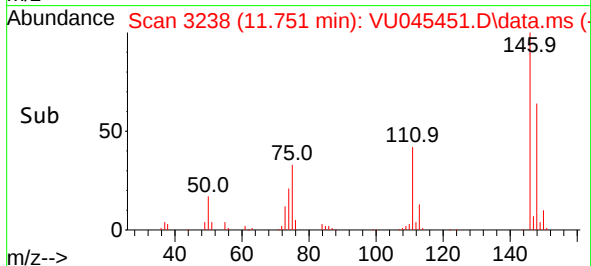
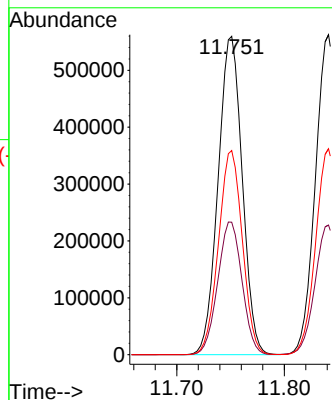
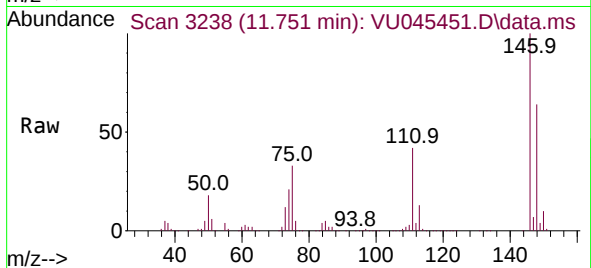
Tgt Ion:146 Resp: 872959

Ion Ratio Lower Upper

146 100

111 41.8 21.3 63.9

148 63.6 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 139.766 ug/l

RT: 11.841 min Scan# 3266

Delta R.T. 0.003 min

Lab File: VU045451.D

Acq: 28 Oct 2021 21:12

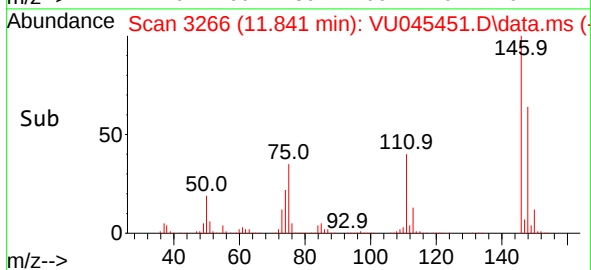
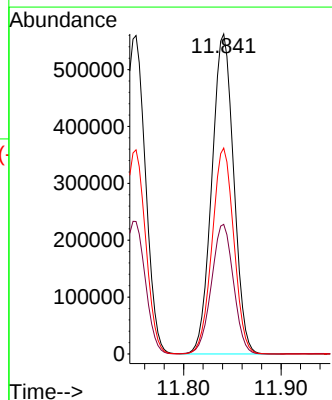
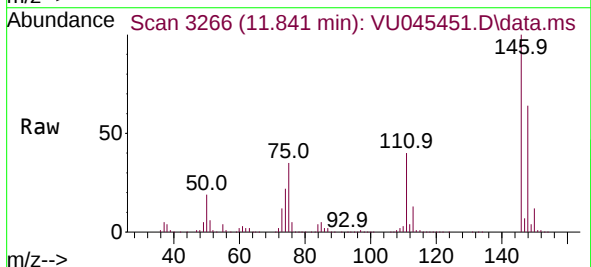
Tgt Ion:146 Resp: 877872

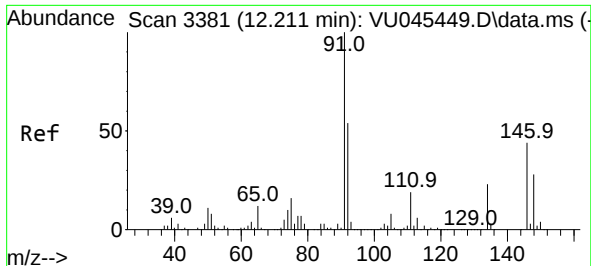
Ion Ratio Lower Upper

146 100

111 40.8 20.6 61.9

148 63.9 31.9 95.7





#89

n-Butylbenzene

Concen: 158.076 ug/l

RT: 12.211 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU045451.D

Acq: 28 Oct 2021 21:12

Instrument :

MSVOA_U

ClientSampleId :

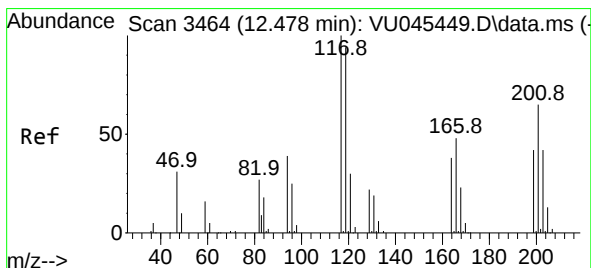
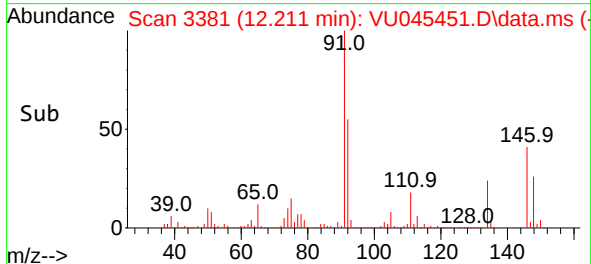
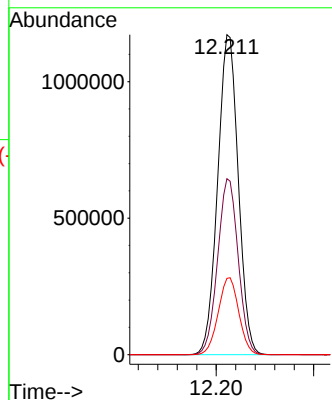
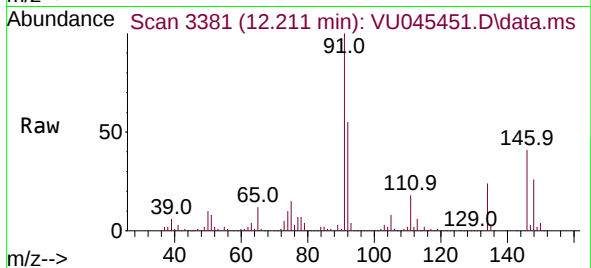
Tgt Ion: 91 Resp: 1718757

Ion Ratio Lower Upper

91 100

92 55.0 27.1 81.2

134 24.1 11.8 35.4



#90

Hexachloroethane

Concen: 147.765 ug/l

RT: 12.481 min Scan# 3465

Delta R.T. 0.003 min

Lab File: VU045451.D

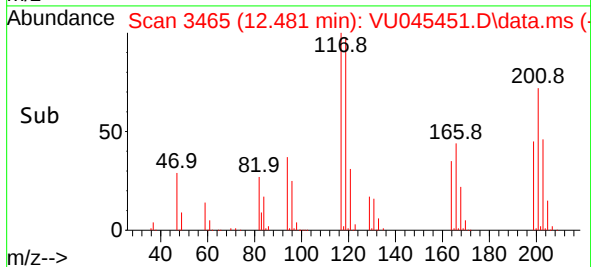
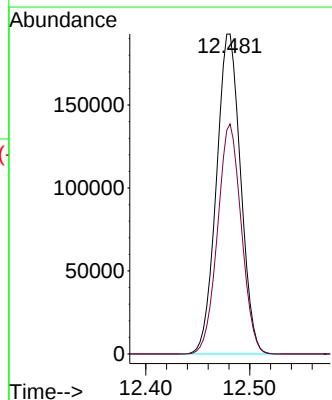
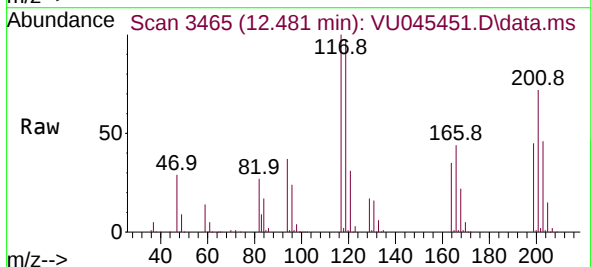
Acq: 28 Oct 2021 21:12

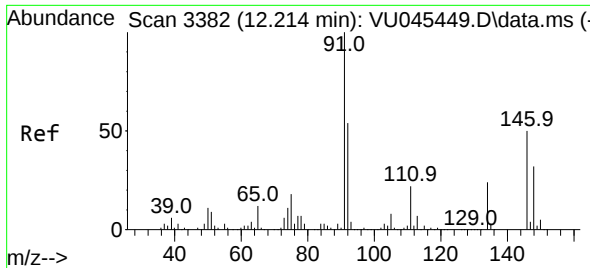
Tgt Ion:117 Resp: 312230

Ion Ratio Lower Upper

117 100

201 70.6 33.8 101.4

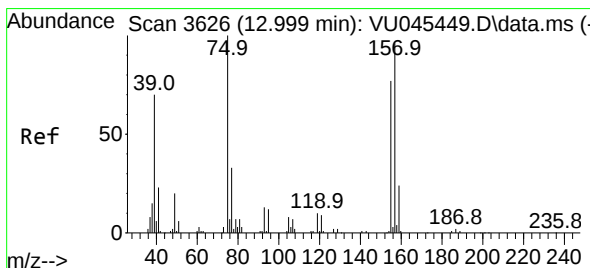
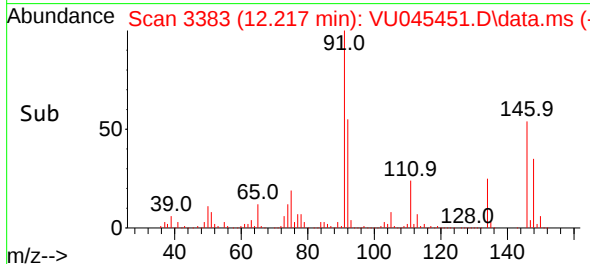
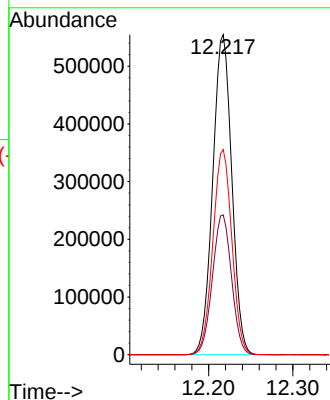
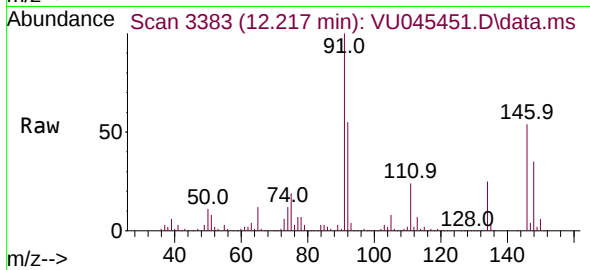




#91
 1,2-Dichlorobenzene
 Concen: 139.217 ug/l
 RT: 12.217 min Scan# 3383
 Delta R.T. 0.003 min
 Lab File: VU045451.D
 Acq: 28 Oct 2021 21:12

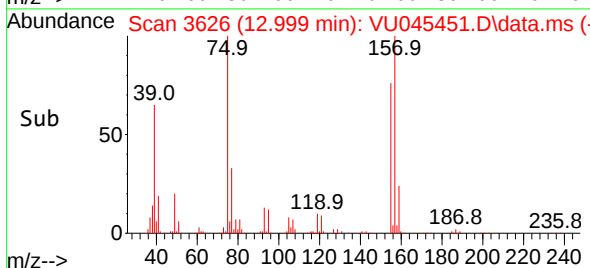
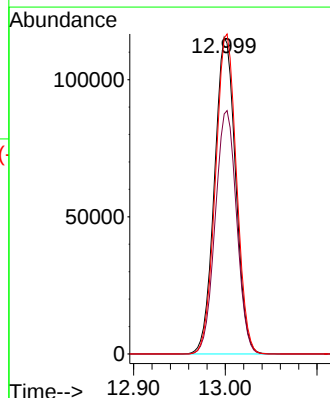
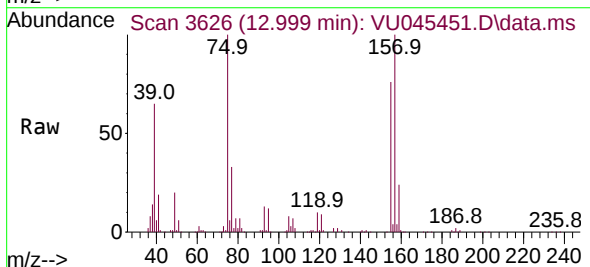
Instrument :
 MSVOA_U
 ClientSampleId :

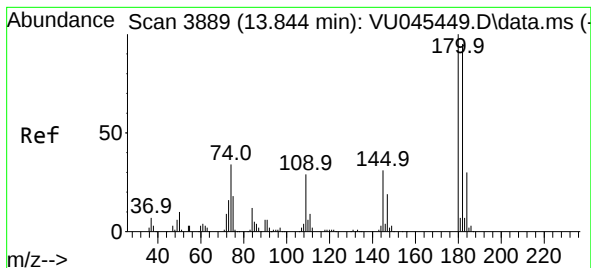
Tgt Ion:146 Resp: 870810
 Ion Ratio Lower Upper
 146 100
 111 43.8 21.9 65.5
 148 64.0 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 137.731 ug/l
 RT: 12.999 min Scan# 3626
 Delta R.T. -0.000 min
 Lab File: VU045451.D
 Acq: 28 Oct 2021 21:12

Tgt Ion: 75 Resp: 185194
 Ion Ratio Lower Upper
 75 100
 155 77.5 37.8 113.3
 157 100.2 48.4 145.2





#93

1,2,4-Trichlorobenzene

Concen: 168.476 ug/l

RT: 13.844 min Scan# 3889

Delta R.T. -0.000 min

Lab File: VU045451.D

Acq: 28 Oct 2021 21:12

Instrument :

MSVOA_U

ClientSampleId :

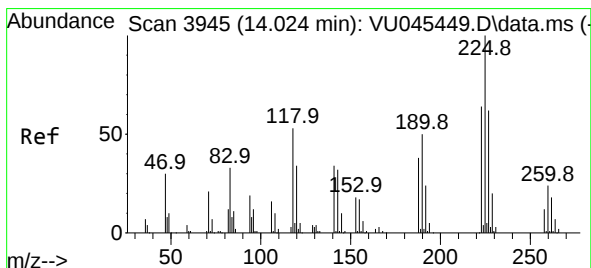
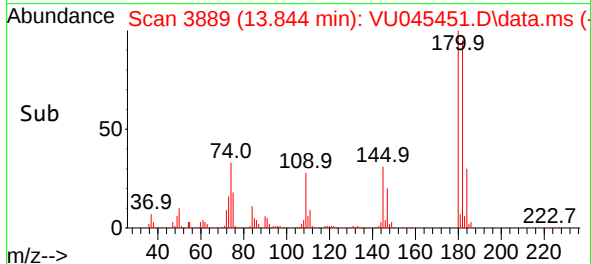
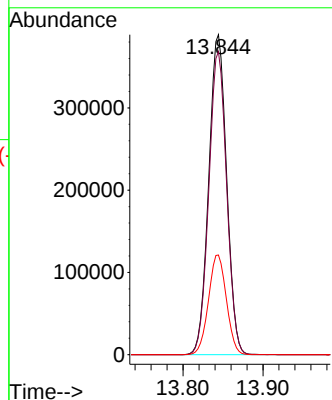
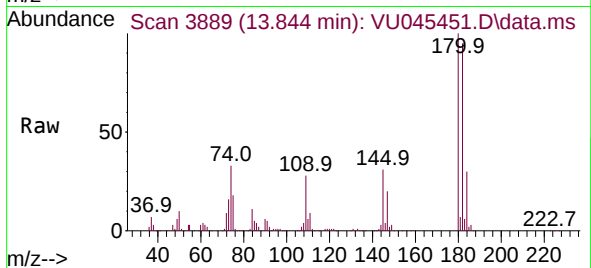
Tgt Ion:180 Resp: 605808

Ion Ratio Lower Upper

180 100

182 94.3 47.0 141.2

145 31.2 15.6 46.7



#94

Hexachlorobutadiene

Concen: 153.795 ug/l

RT: 14.024 min Scan# 3945

Delta R.T. -0.000 min

Lab File: VU045451.D

Acq: 28 Oct 2021 21:12

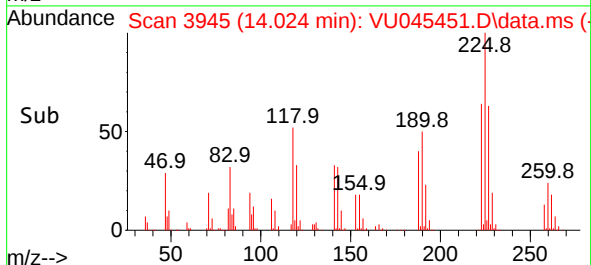
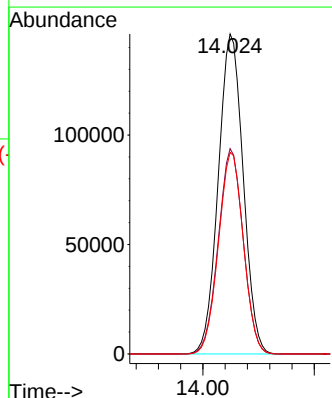
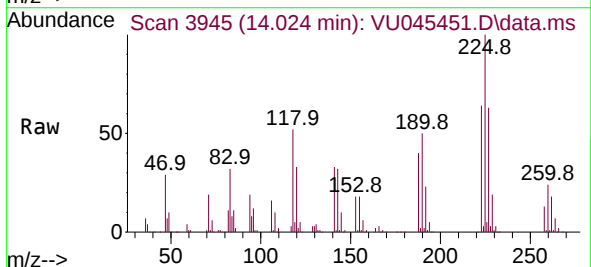
Tgt Ion:225 Resp: 227017

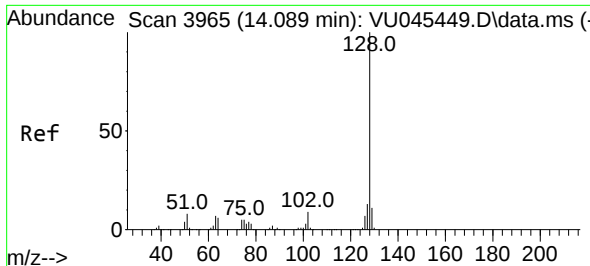
Ion Ratio Lower Upper

225 100

223 64.1 32.0 96.2

227 63.0 31.1 93.5

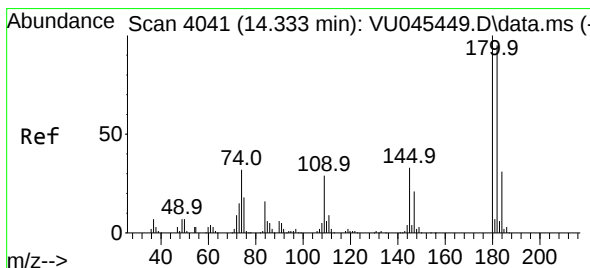
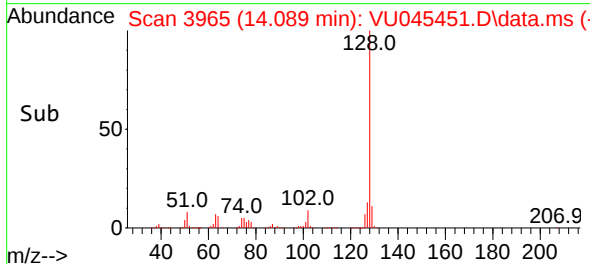
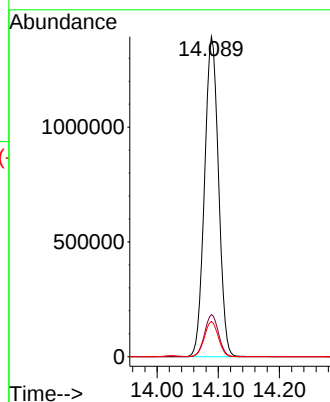
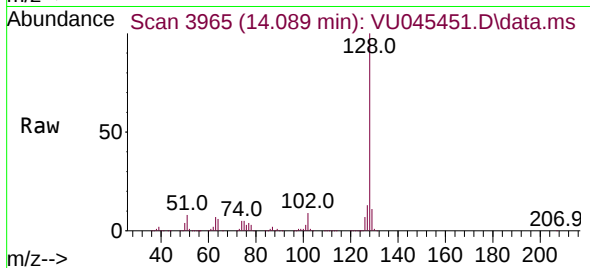




#95
Naphthalene
Concen: 162.998 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU045451.D
Acq: 28 Oct 2021 21:12

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 2214063
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 163.807 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. -0.000 min
Lab File: VU045451.D
Acq: 28 Oct 2021 21:12

Tgt Ion:180 Resp: 594329
Ion Ratio Lower Upper
180 100
182 94.7 47.7 143.1
145 33.1 16.7 50.0

