

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU083121\
 Data File : VU044534.D
 Acq On : 31 Aug 2021 17:12
 Operator : SY/MD
 Sample : VSTDIC0.5
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 01 00:36:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U083121DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Sep 01 00:35:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.121	96	20903	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.639	95	6910	0.811	ug/l	0.00
Spiked Amount 1.000			Recovery	=	81.000%	
68) 1,2-Dichlorobenzene-d4	12.201	152	8177	0.962	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	3676	0.486	ug/l	94
3) Chloromethane	1.523	50	4868	0.590	ug/l	98
4) Vinyl Chloride	1.607	62	4899	0.568	ug/l #	76
5) Bromomethane	1.864	94	4495	0.880	ug/l	97
6) Chloroethane	1.941	64	4148	0.747	ug/l	89
7) Trichlorofluoromethane	2.144	101	7672	0.736	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.588	101	4697	0.725	ug/l	98
9) 1,1-Dichloroethene	2.588	96	4254	0.683	ug/l	92
10) Iodomethane	2.729	142	4353	0.530	ug/l	95
11) Allyl Chloride	2.932	41	4807	0.516	ug/l	86
12) Acrylonitrile	3.334	53	1393	1.052	ug/l	89
13) Acetone	2.642	43	2523	3.892	ug/l #	80
14) Carbon Disulfide	2.800	76	12386	0.621	ug/l	97
15) Methylene Chloride	3.054	84	10867	1.269	ug/l	96
16) trans-1,2-Dichloroethene	3.359	96	4605	0.667	ug/l	97
17) 1,1-Dichloroethane	3.880	63	8073	0.647	ug/l	98
18) 2-Butanone	4.739	43	3947	2.813	ug/l	96
19) Cyclohexane	5.388	56	7056	0.618	ug/l	96
20) Methylcyclohexane	6.764	83	3976	0.378	ug/l	98
21) 2,2-Dichloropropane	4.678	77	8276	0.800	ug/l	92
22) cis-1,2-Dichloroethene	4.674	96	5396	0.707	ug/l	96
23) Diethyl Ether	2.385	59	3042	0.609	ug/l	93
24) tert-Butyl Alcohol	3.205	59	3174	10.877	ug/l #	77
25) Methyl tert-Butyl Ether	3.382	73	10835	0.649	ug/l	96
26) Bromochloromethane	4.983	128	2540	0.762	ug/l	96
27) Chloroform	5.099	83	9886	0.780	ug/l	96
28) 1,1,1-Trichloroethane	5.324	97	7870	0.734	ug/l	95
29) 1,1-Dichloropropene	5.533	75	3537	0.419	ug/l	95
30) Carbon Tetrachloride	5.526	117	3202	0.419	ug/l	92
31) Isopropyl Ether	4.015	45	10715	0.538	ug/l	86
32) Ethyl-t-butyl ether	4.523	59	12608	0.628	ug/l	98
33) Tert-Amyl methyl ether	5.961	73	5731	0.361	ug/l	98
34) Propionitrile	4.806	54	965	2.402	ug/l #	71
35) Benzene	5.780	78	10068	0.409	ug/l	97
36) 1,2-Dichloroethane	5.806	62	3211	0.443	ug/l #	92
37) Trichloroethene	6.549	130	2816	0.445	ug/l	90
38) 1,2-Dichloropropane	6.803	63	2415	0.372	ug/l	96
39) Methacrylonitrile	4.999	41	1293	0.568	ug/l #	64
40) Methyl acrylate	4.874	55	1947	0.549	ug/l #	89
41) Tetrahydrofuran	5.083	42	1746	1.669	ug/l #	79
42) 1-Chlorobutane	5.465	56	4589	0.388	ug/l	100
43) Dibromomethane	6.928	93	1508	0.454	ug/l	95
44) Bromodichloromethane	7.115	83	3510	0.444	ug/l	99

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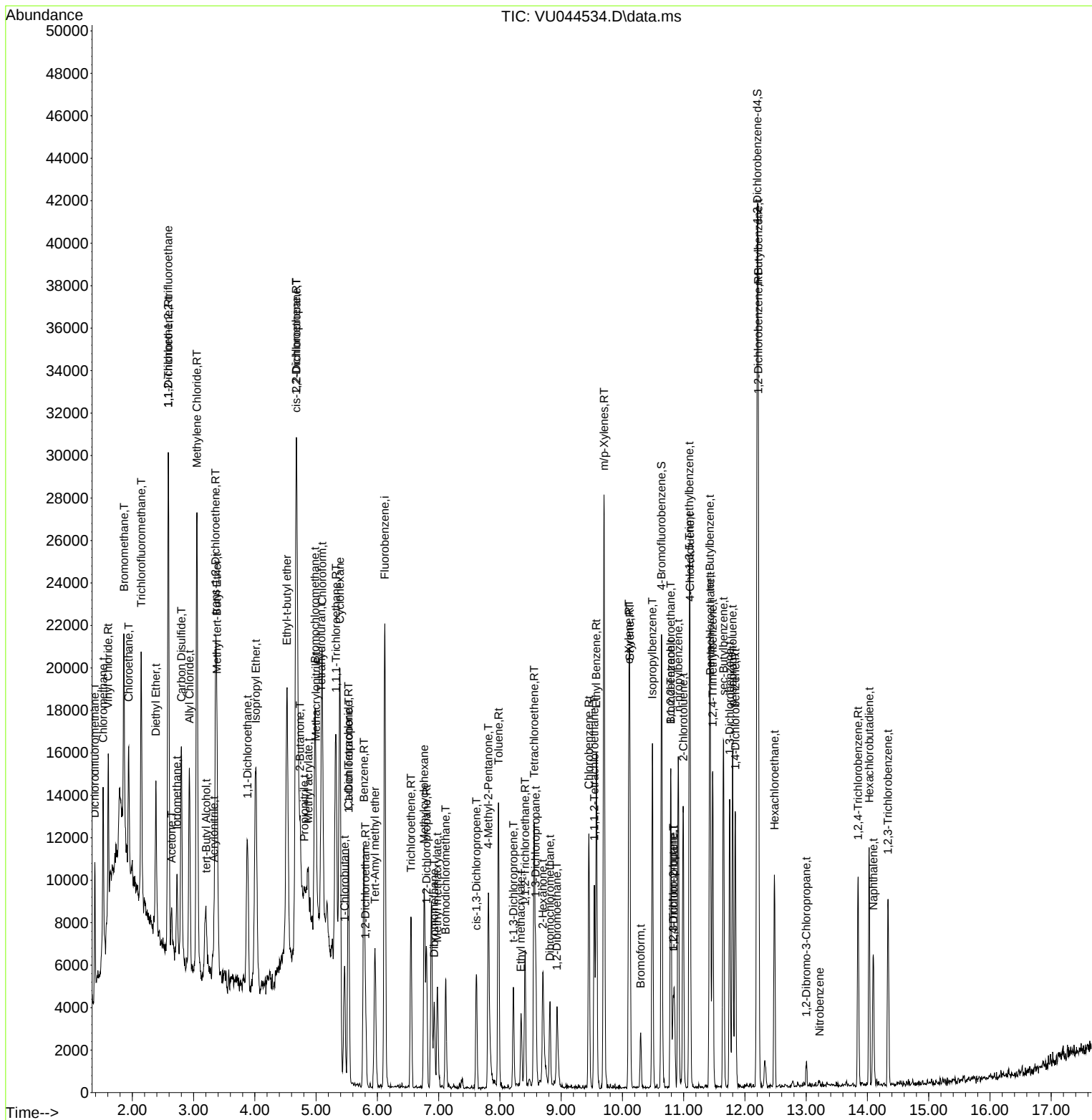
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 MSVOA_U
 ClientSampleId :

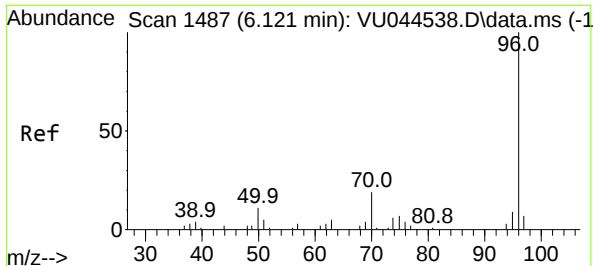
Quant Time: Sep 01 00:36:26 2021
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.813	43	7547	1.743	ug/l	93
46) t-1,4-Dichloro-2-butene	10.832	75	3246	1.779	ug/l #	44
47) Methyl methacrylate	6.980	69	2265	0.645	ug/l	94
48) Ethyl methacrylate	8.343	69	2376	0.326	ug/l	95
49) Toluene	7.980	92	5981	0.380	ug/l	99
50) t-1,3-Dichloropropene	8.221	75	2580	0.323	ug/l #	87
51) cis-1,3-Dichloropropene	7.616	75	3202	0.341	ug/l	97
52) 1,1,2-Trichloroethane	8.411	97	2043	0.416	ug/l	96
53) 1,3-Dichloropropane	8.584	76	3583	0.404	ug/l	99
54) 2-Hexanone	8.700	43	5333	1.730	ug/l	89
55) Dibromochloromethane	8.816	129	2186	0.408	ug/l	98
56) 1,2-Dibromoethane	8.928	107	2065	0.429	ug/l	98
58) Tetrachloroethene	8.559	164	2561	0.466	ug/l	98
59) Chlorobenzene	9.452	112	6843	0.407	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.542	131	2538	0.448	ug/l	98
61) Pentachloroethane	11.436	117	1748	0.383	ug/l	99
62) Hexachloroethane	12.481	117	1808	0.382	ug/l	100
63) Ethyl Benzene	9.575	91	10684	0.358	ug/l	99
64) m/p-Xylenes	9.703	106	8069	0.700	ug/l	95
65) o-Xylene	10.105	106	3925	0.353	ug/l	92
66) Styrene	10.121	104	6656	0.347	ug/l	97
67) Bromoform	10.298	173	1234	0.412	ug/l #	88
69) Isopropylbenzene	10.491	105	10633	0.359	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.790	83	2750	0.425	ug/l #	94
71) 1,2,3-Trichloropropane	10.832	75	3246	0.621	ug/l #	46
72) Bromobenzene	10.790	156	3003	0.431	ug/l	97
73) n-propylbenzene	10.912	120	2772	0.344	ug/l	94
74) 2-Chlorotoluene	10.992	126	2692	0.387	ug/l	97
75) 1,3,5-Trimethylbenzene	11.092	105	8662	0.342	ug/l	96
76) 4-Chlorotoluene	11.105	126	2699	0.369	ug/l	98
77) tert-Butylbenzene	11.427	119	8908	0.359	ug/l	99
78) 1,2,4-Trimethylbenzene	11.475	105	8899	0.347	ug/l	99
79) sec-Butylbenzene	11.648	105	11879	0.352	ug/l	99
80) Nitrobenzene	13.221	77	197	1.050	ug/l #	39
81) p-Isopropyltoluene	11.800	119	8938	0.318	ug/l	98
82) 1,3-Dichlorobenzene	11.751	146	5624	0.404	ug/l	94
83) 1,4-Dichlorobenzene	11.845	146	5594	0.398	ug/l	99
84) n-Butylbenzene	12.218	91	8674	0.318	ug/l	99
85) 1,2-Dichlorobenzene	12.221	146	5736	0.422	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	13.002	75	352	0.318	ug/l #	86
87) 1,2,4-Trichlorobenzene	13.844	180	3365	0.359	ug/l #	93
88) Hexachlorobutadiene	14.028	225	2049	0.444	ug/l	96
89) Naphthalene	14.095	128	6033	0.324	ug/l	95
90) 1,2,3-Trichlorobenzene	14.336	180	3530	0.410	ug/l	94

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

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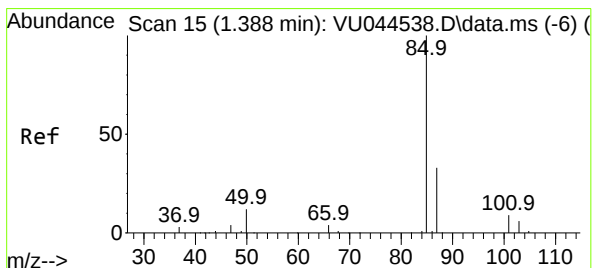
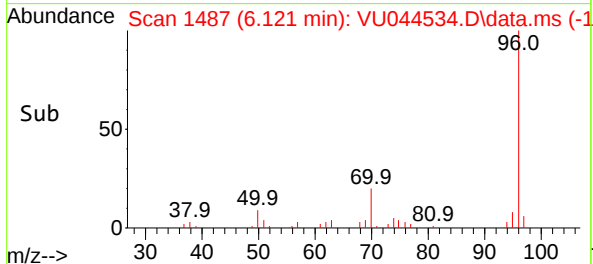
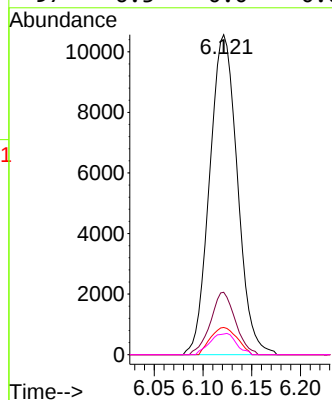
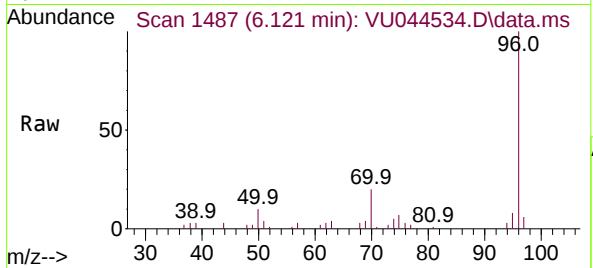




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.121 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VU044534.D
Acq: 31 Aug 2021 17:12

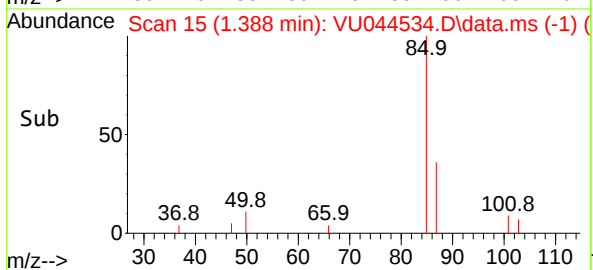
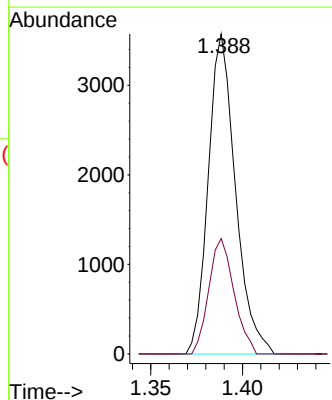
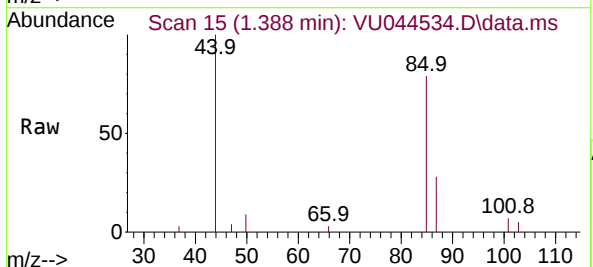
Instrument :
MSVOA_U
ClientSampled :

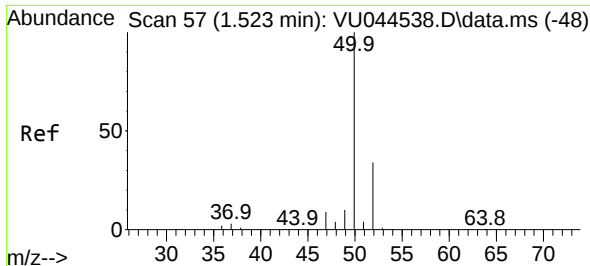
Tgt Ion:	96	Resp:	20903
Ion	Ratio	Lower	Upper
96	100		
70	17.5	16.2	24.2
95	8.1	7.0	10.6
97	6.3	0.0	0.0



#2
Dichlorodifluoromethane
Concen: 0.486 ug/l
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU044534.D
Acq: 31 Aug 2021 17:12

Tgt Ion:	85	Resp:	3676
Ion	Ratio	Lower	Upper
85	100		
87	36.0	16.3	48.9

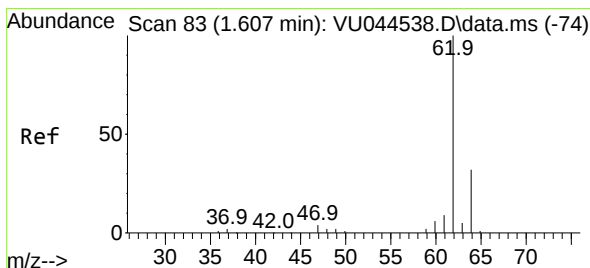
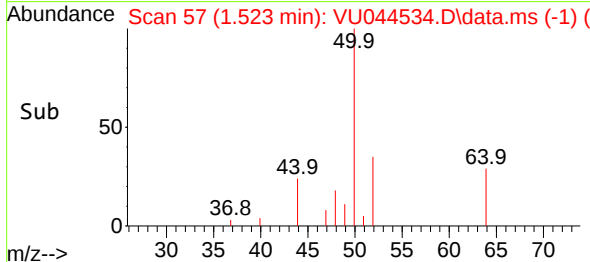
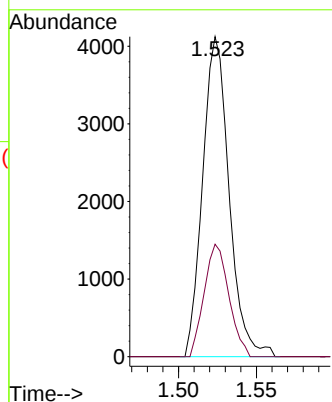
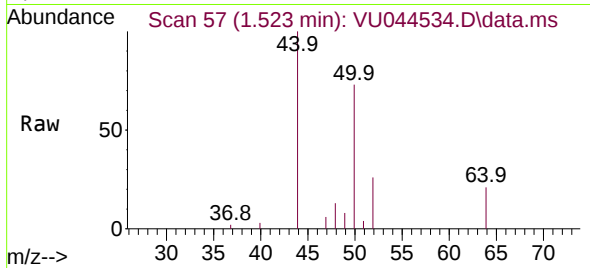




#3
Chloromethane
Concen: 0.590 ug/l
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU044534.D
Acq: 31 Aug 2021 17:12

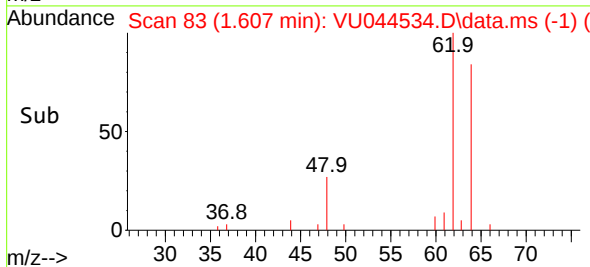
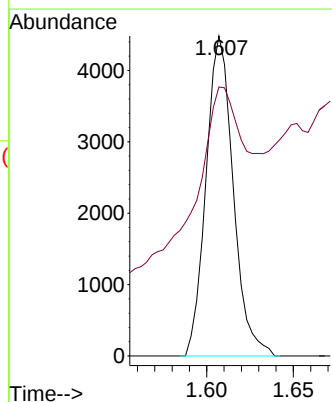
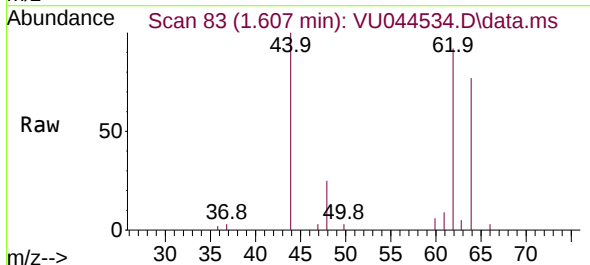
Instrument :
MSVOA_U
ClientSampled :

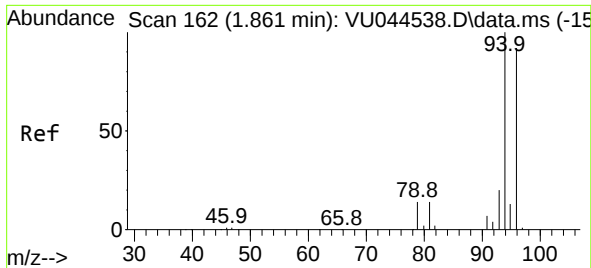
Tgt Ion: 50 Resp: 4868
Ion Ratio Lower Upper
50 100
52 35.2 27.4 41.0



#4
Vinyl Chloride
Concen: 0.568 ug/l
RT: 1.607 min Scan# 83
Delta R.T. 0.000 min
Lab File: VU044534.D
Acq: 31 Aug 2021 17:12

Tgt Ion: 62 Resp: 4899
Ion Ratio Lower Upper
62 100
64 44.8 25.3 37.9#

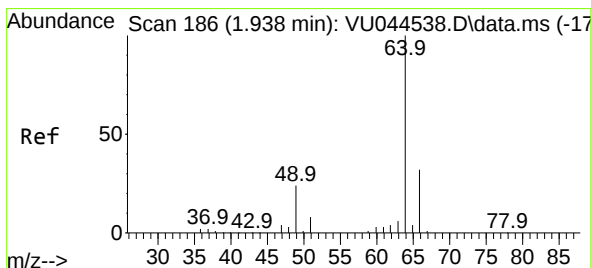
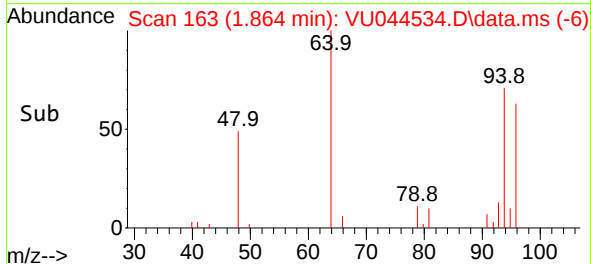
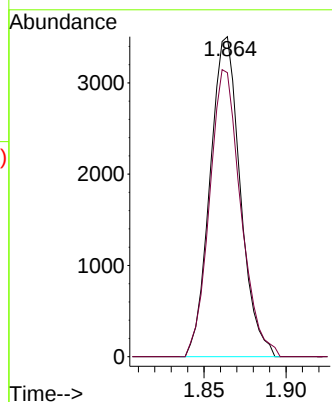
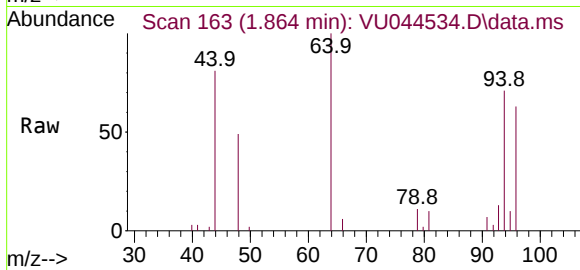




#5
Bromomethane
Concen: 0.880 ug/l
RT: 1.864 min Scan# 163
Delta R.T. 0.003 min
Lab File: VU044534.D
Acq: 31 Aug 2021 17:12

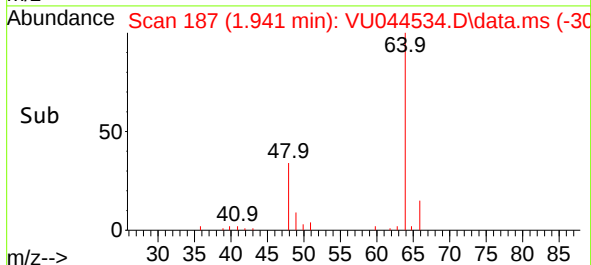
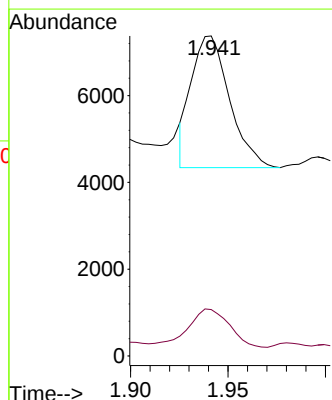
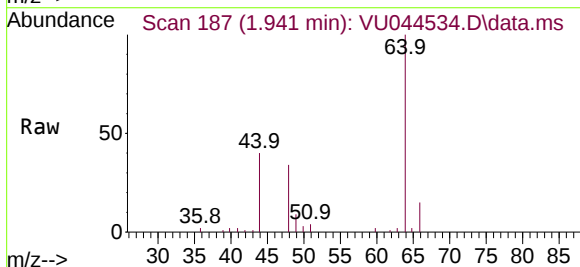
Instrument :
MSVOA_U
ClientSampled :

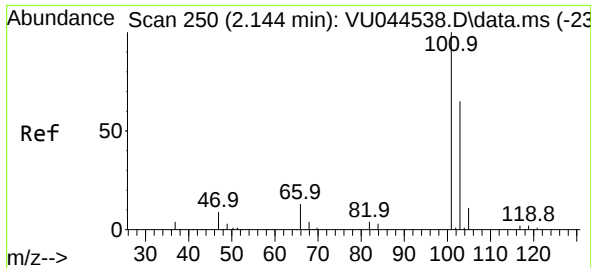
Tgt Ion: 94 Resp: 4495
Ion Ratio Lower Upper
94 100
96 88.8 73.4 110.2



#6
Chloroethane
Concen: 0.747 ug/l
RT: 1.941 min Scan# 187
Delta R.T. 0.003 min
Lab File: VU044534.D
Acq: 31 Aug 2021 17:12

Tgt Ion: 64 Resp: 4148
Ion Ratio Lower Upper
64 100
66 25.8 25.7 38.5

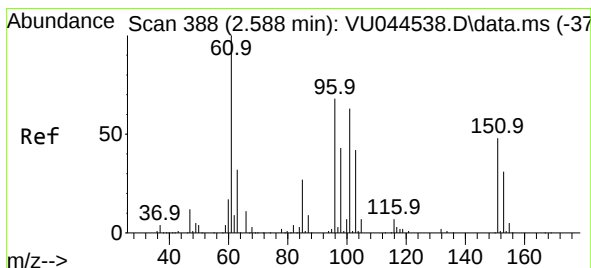
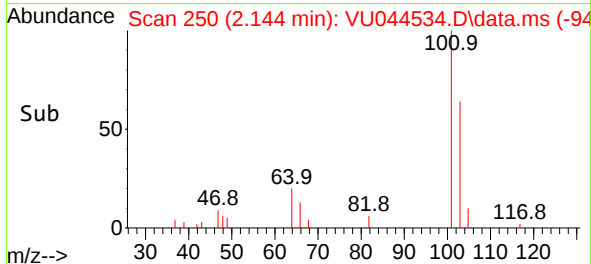
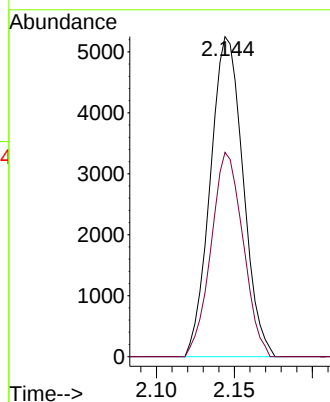
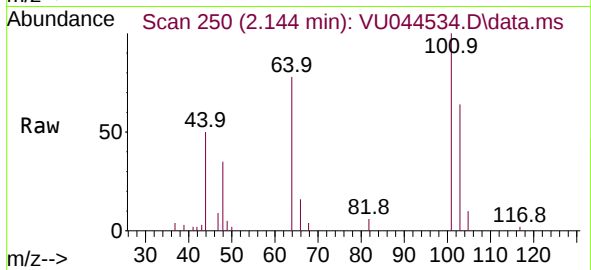




#7
 Trichlorofluoromethane
 Concen: 0.736 ug/l
 RT: 2.144 min Scan# 250
 Delta R.T. 0.000 min
 Lab File: VU044534.D
 Acq: 31 Aug 2021 17:12

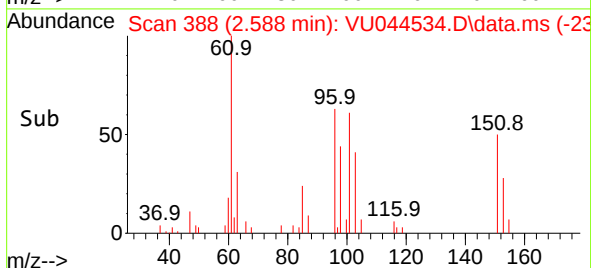
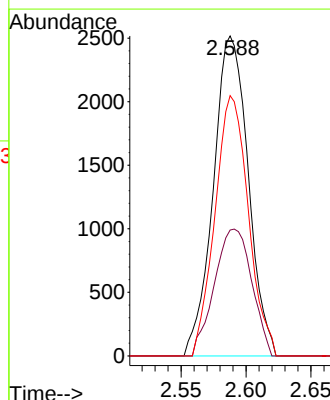
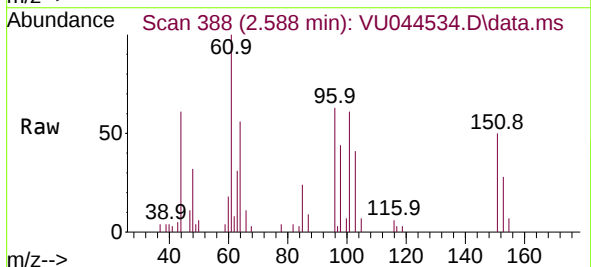
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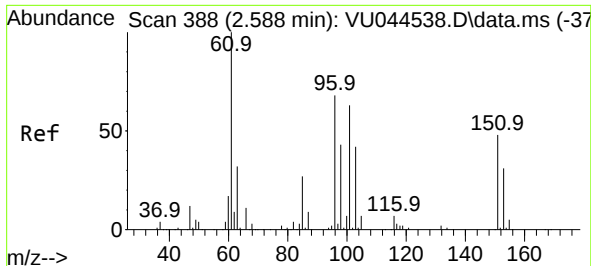
Tgt Ion:101 Resp: 7672
 Ion Ratio Lower Upper
 101 100
 103 63.9 51.8 77.6



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.725 ug/l
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU044534.D
 Acq: 31 Aug 2021 17:12

Tgt Ion:101 Resp: 4697
 Ion Ratio Lower Upper
 101 100
 85 42.5 34.6 52.0
 151 77.9 61.0 91.4

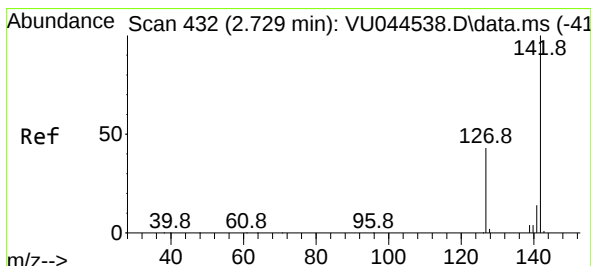
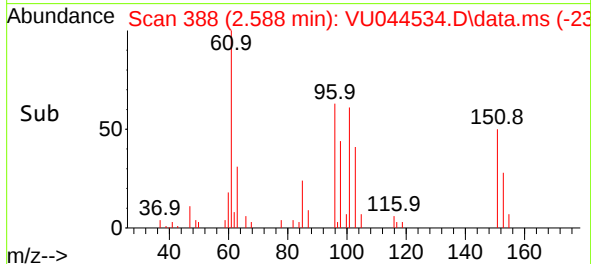
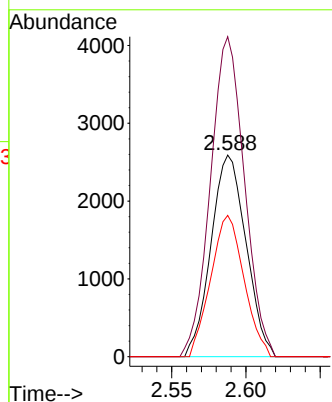
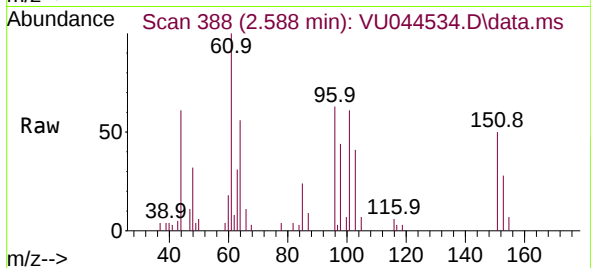




#9
1,1-Dichloroethene
Concen: 0.683 ug/l
RT: 2.588 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU044534.D
Acq: 31 Aug 2021 17:12

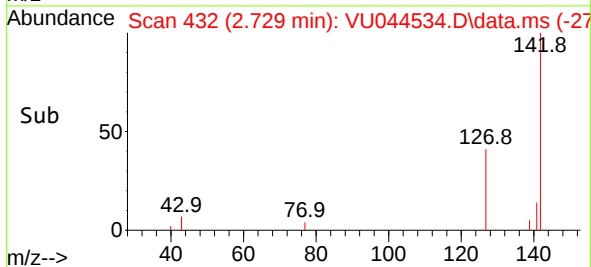
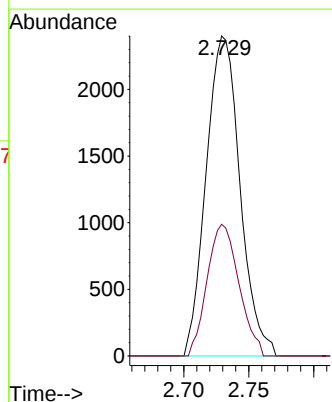
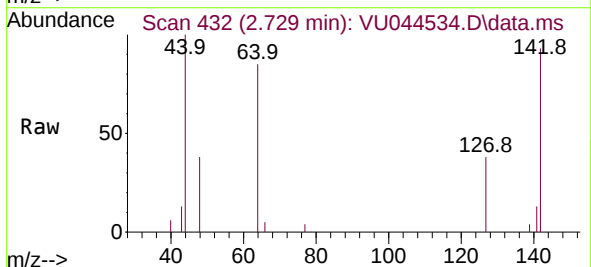
Instrument :
MSVOA_U
ClientSampled :

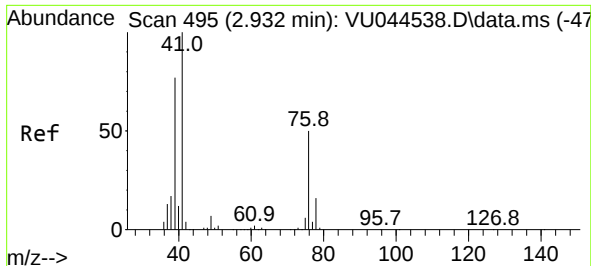
Tgt Ion: 96 Resp: 4254
Ion Ratio Lower Upper
96 100
61 158.7 0.0 444.6
98 70.1 0.0 126.8



#10
Iodomethane
Concen: 0.530 ug/l
RT: 2.729 min Scan# 432
Delta R.T. 0.000 min
Lab File: VU044534.D
Acq: 31 Aug 2021 17:12

Tgt Ion: 142 Resp: 4353
Ion Ratio Lower Upper
142 100
127 38.6 33.6 50.4





#11

Allyl Chloride

Concen: 0.516 ug/l

RT: 2.932 min Scan# 495

Delta R.T. 0.000 min

Lab File: VU044534.D

Acq: 31 Aug 2021 17:12

Tgt Ion: 41 Resp: 4807

Ion Ratio Lower Upper

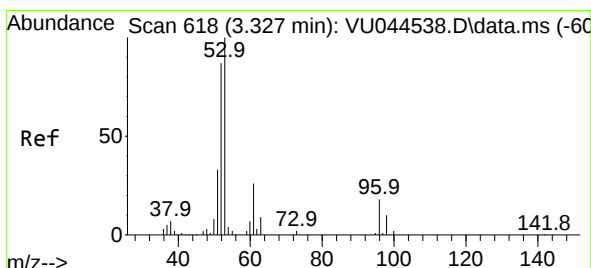
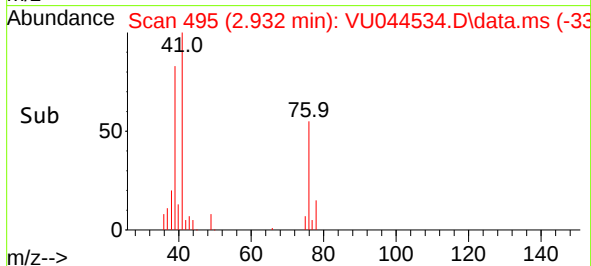
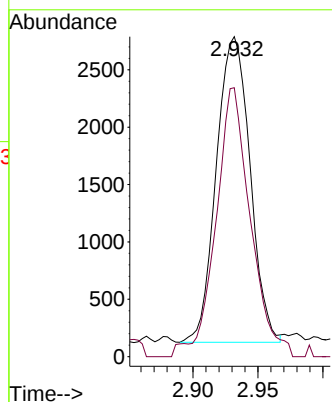
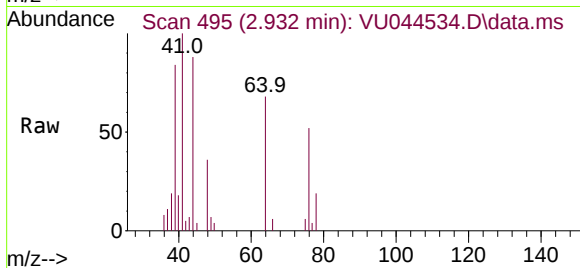
41 100

39 90.2 62.2 93.4

Instrument :

MSVOA_U

ClientSampled :



#12

Acrylonitrile

Concen: 1.052 ug/l

RT: 3.334 min Scan# 620

Delta R.T. 0.006 min

Lab File: VU044534.D

Acq: 31 Aug 2021 17:12

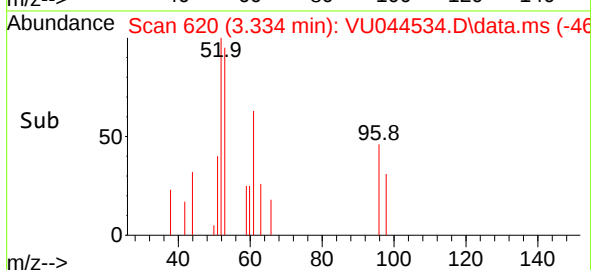
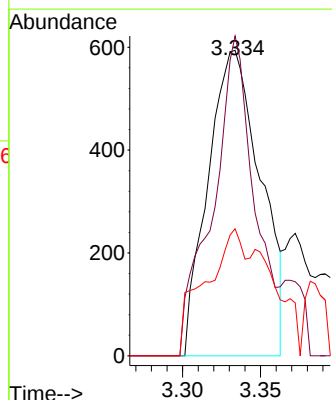
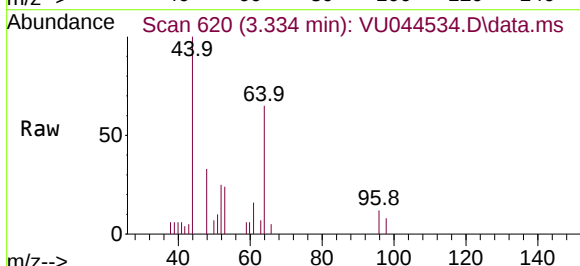
Tgt Ion: 53 Resp: 1393

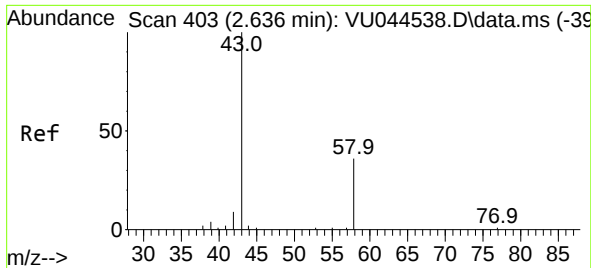
Ion Ratio Lower Upper

53 100

52 83.9 58.0 87.0

51 33.3 29.0 43.4

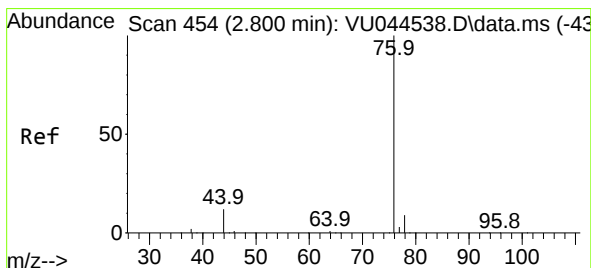
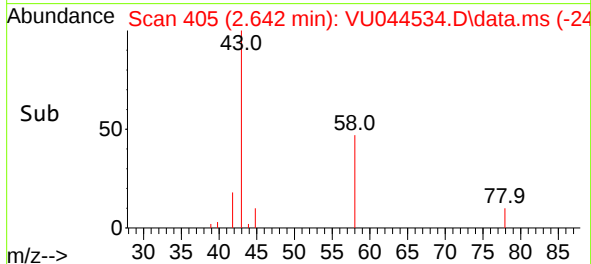
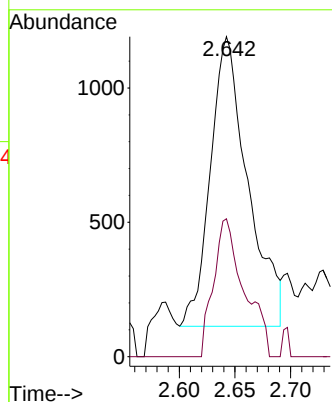
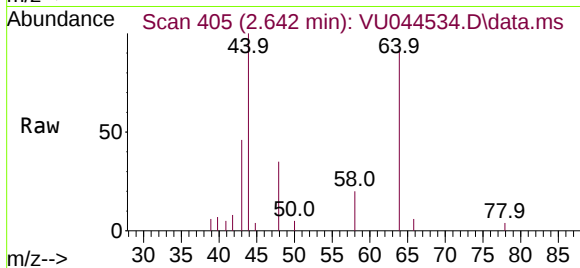




#13
Acetone
Concen: 3.892 ug/l
RT: 2.642 min Scan# 405
Delta R.T. 0.006 min
Lab File: VU044534.D
Acq: 31 Aug 2021 17:12

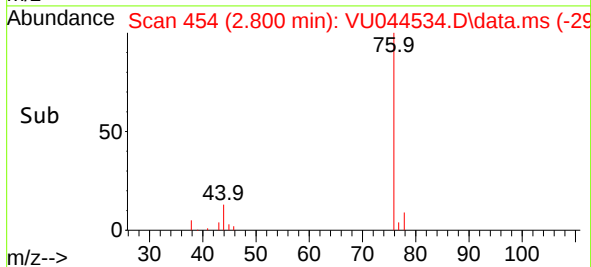
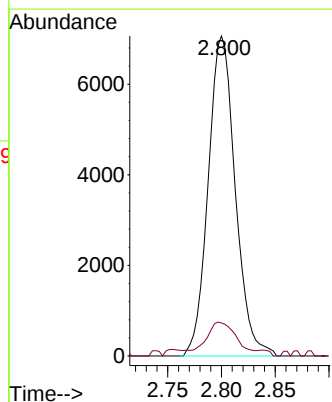
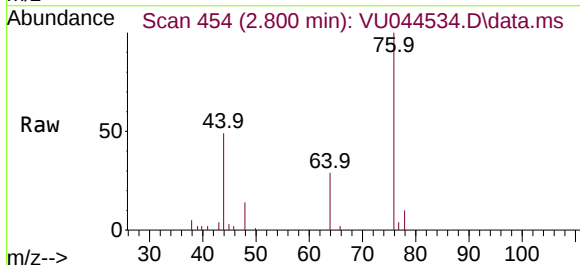
Instrument :
MSVOA_U
ClientSampled :

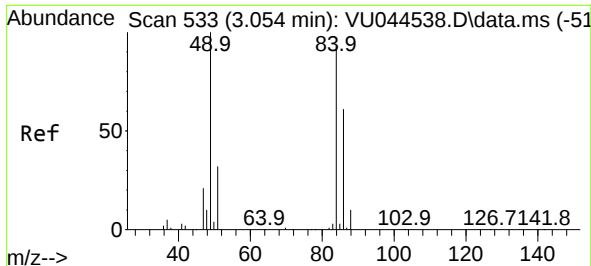
Tgt Ion: 43 Resp: 2523
Ion Ratio Lower Upper
43 100
58 47.6 28.5 42.7#



#14
Carbon Disulfide
Concen: 0.621 ug/l
RT: 2.800 min Scan# 454
Delta R.T. 0.000 min
Lab File: VU044534.D
Acq: 31 Aug 2021 17:12

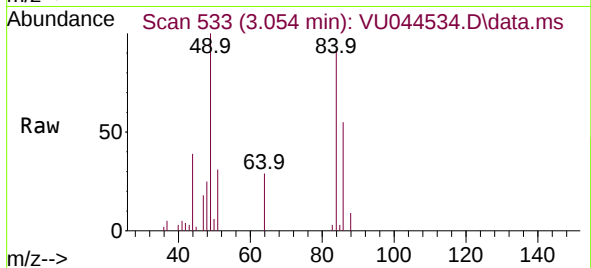
Tgt Ion: 76 Resp: 12386
Ion Ratio Lower Upper
76 100
78 10.3 7.4 11.2



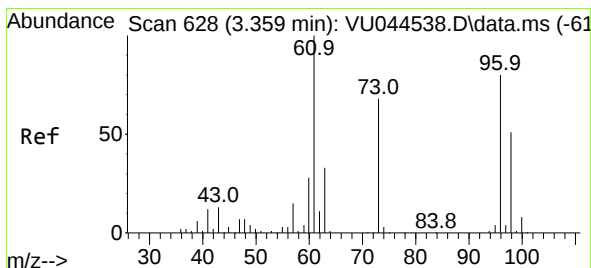
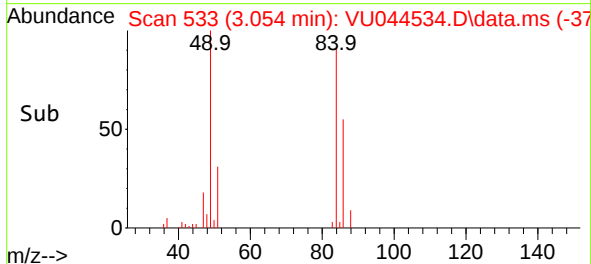
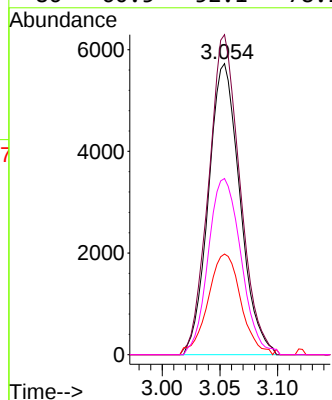


#15
Methylene Chloride
Concen: 1.269 ug/l
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU044534.D
Acq: 31 Aug 2021 17:12

Instrument :
MSVOA_U
ClientSampleId :

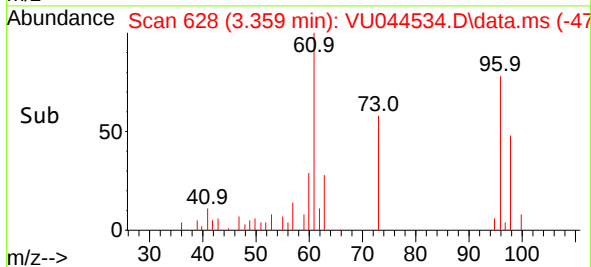
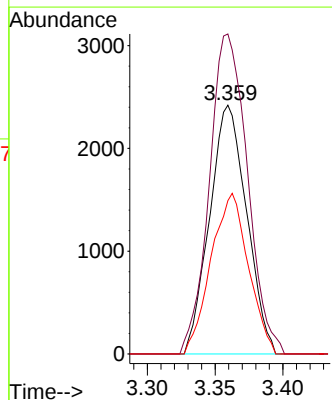
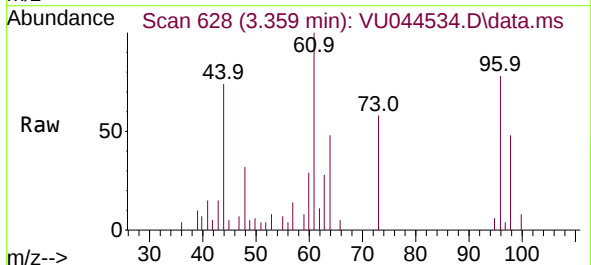


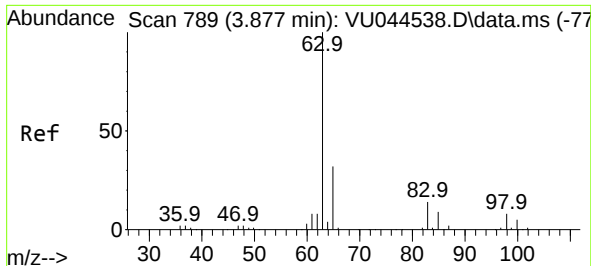
Tgt Ion:	84	Resp:	10867
Ion	Ratio	Lower	Upper
84	100		
49	109.9	85.6	128.4
51	34.6	0.0	67.6
86	60.5	52.1	78.1



#16
trans-1,2-Dichloroethene
Concen: 0.667 ug/l
RT: 3.359 min Scan# 628
Delta R.T. 0.000 min
Lab File: VU044534.D
Acq: 31 Aug 2021 17:12

Tgt Ion:	96	Resp:	4605
Ion	Ratio	Lower	Upper
96	100		
61	128.6	99.9	149.9
98	61.6	50.5	75.7

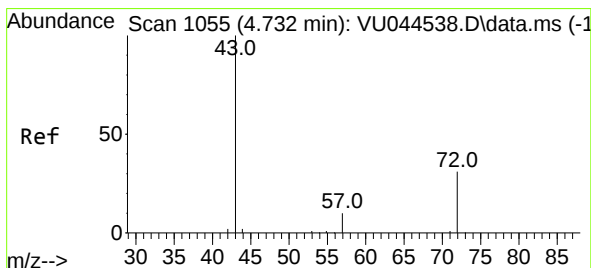
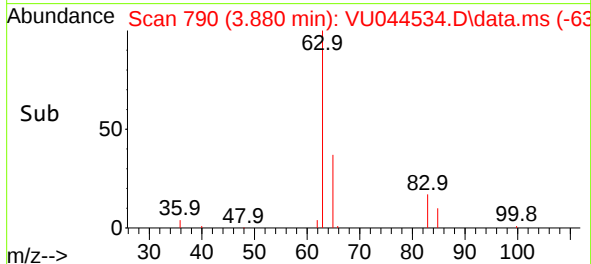
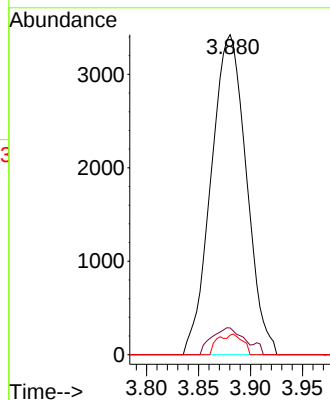
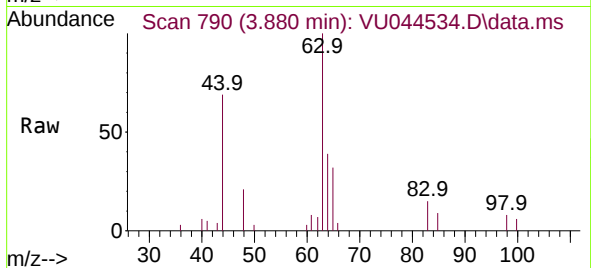




#17
1,1-Dichloroethane
Concen: 0.647 ug/l
RT: 3.880 min Scan# 790
Delta R.T. 0.003 min
Lab File: VU044534.D
Acq: 31 Aug 2021 17:12

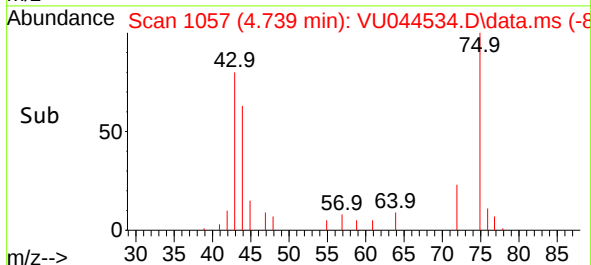
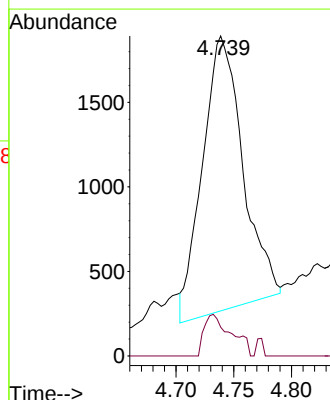
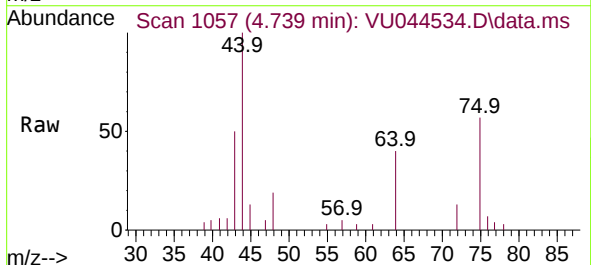
Instrument :
MSVOA_U
ClientSampled :

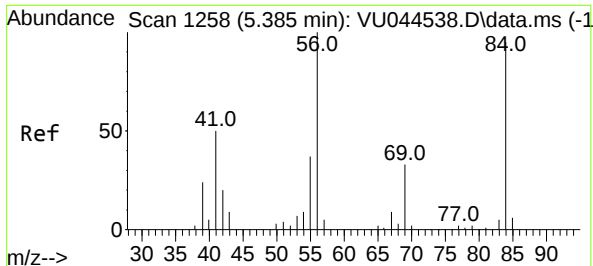
Tgt Ion: 63 Resp: 8073
Ion Ratio Lower Upper
63 100
98 8.3 4.0 12.0
100 6.1 2.4 7.2



#18
2-Butanone
Concen: 2.813 ug/l
RT: 4.739 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VU044534.D
Acq: 31 Aug 2021 17:12

Tgt Ion: 43 Resp: 3947
Ion Ratio Lower Upper
43 100
57 11.2 0.0 19.2





#19

Cyclohexane

Concen: 0.618 ug/l

RT: 5.388 min Scan# 1259

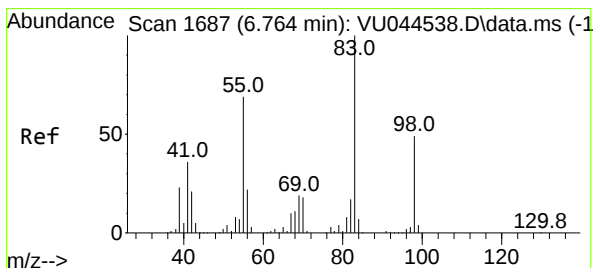
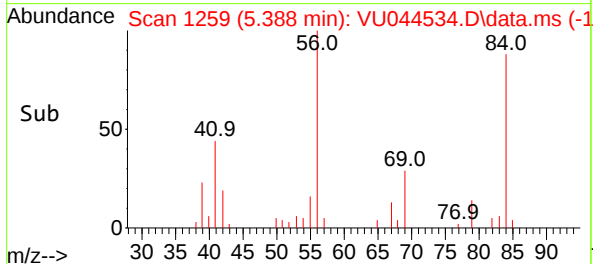
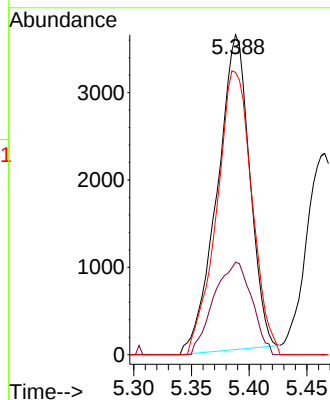
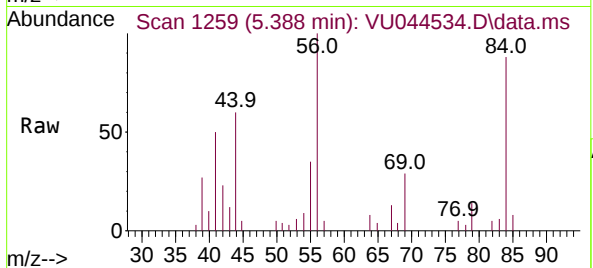
Delta R.T. 0.003 min

Lab File: VU044534.D

Acq: 31 Aug 2021 17:12

Tgt Ion:	56	Resp:	7056
Ion Ratio	Lower	Upper	
56	100		
69	34.2	26.1	39.1
84	97.4	75.0	112.6

Instrument :
MSVOA_U
ClientSampled :



#20

Methylcyclohexane

Concen: 0.378 ug/l

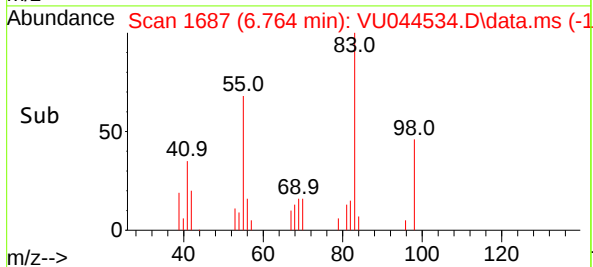
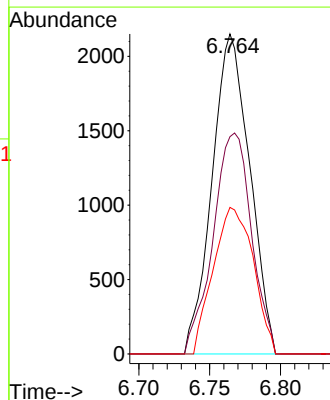
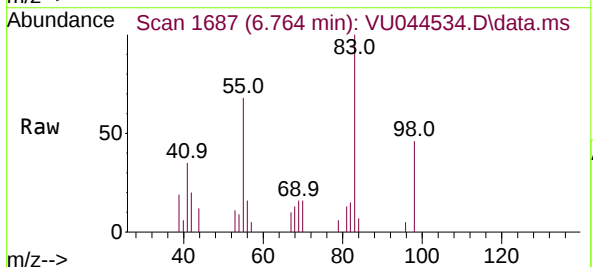
RT: 6.764 min Scan# 1687

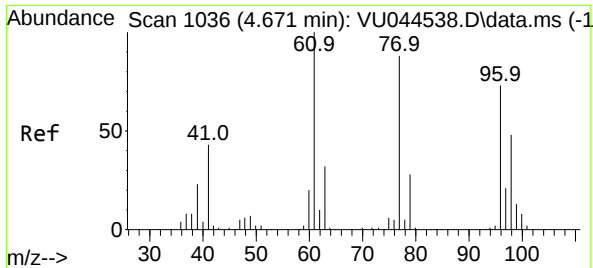
Delta R.T. 0.000 min

Lab File: VU044534.D

Acq: 31 Aug 2021 17:12

Tgt Ion:	83	Resp:	3976
Ion Ratio	Lower	Upper	
83	100		
55	70.6	54.8	82.2
98	48.8	40.2	60.4

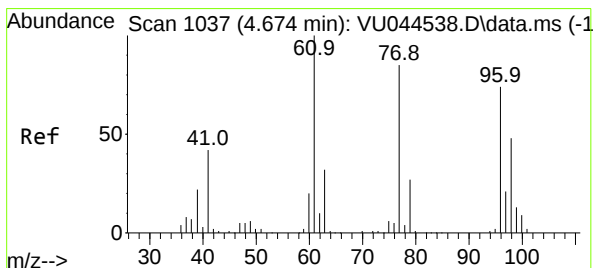
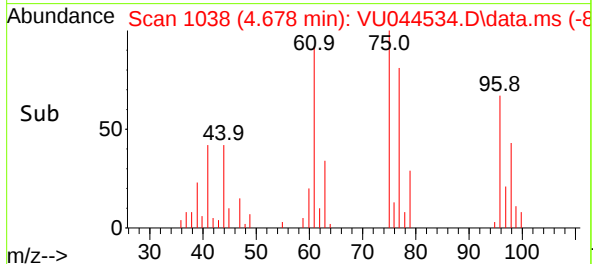
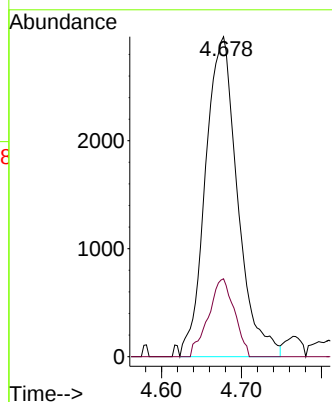
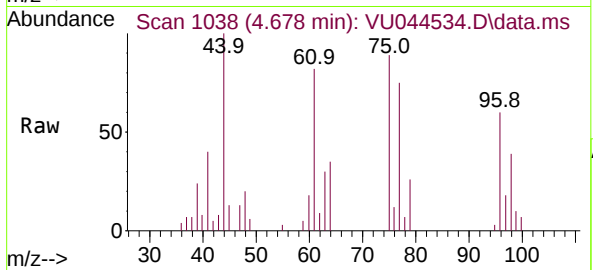




#21
2,2-Dichloropropane
Concen: 0.800 ug/l
RT: 4.678 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VU044534.D
Acq: 31 Aug 2021 17:12

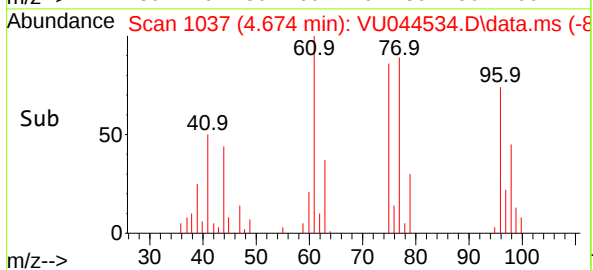
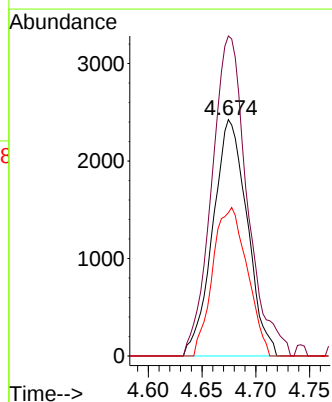
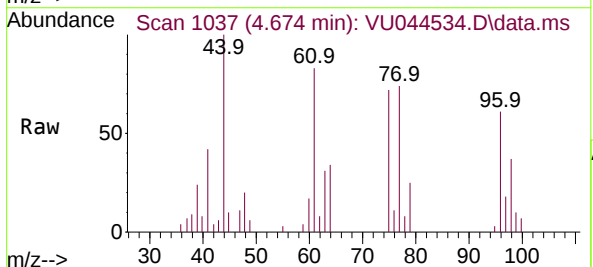
Instrument :
MSVOA_U
ClientSampled :

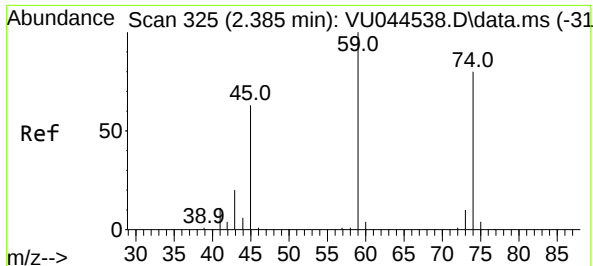
Tgt Ion: 77 Resp: 8276
Ion Ratio Lower Upper
77 100
97 19.6 19.0 28.6



#22
cis-1,2-Dichloroethene
Concen: 0.707 ug/l
RT: 4.674 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VU044534.D
Acq: 31 Aug 2021 17:12

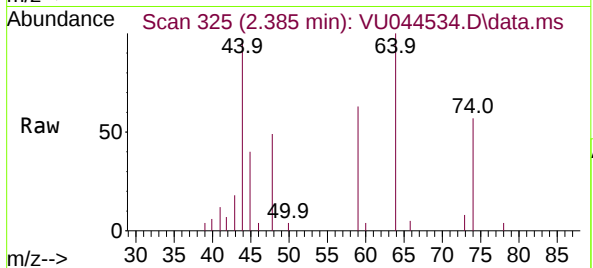
Tgt Ion: 96 Resp: 5396
Ion Ratio Lower Upper
96 100
61 139.7 0.0 334.5
98 62.9 32.0 96.2



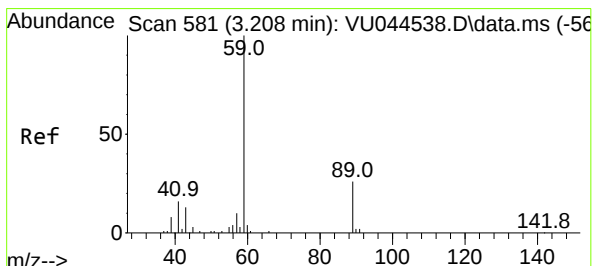
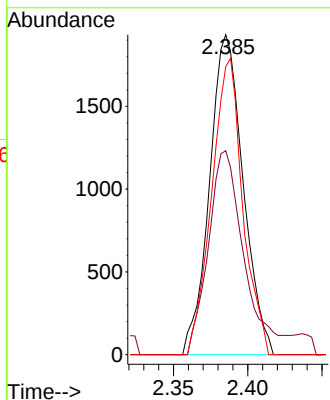
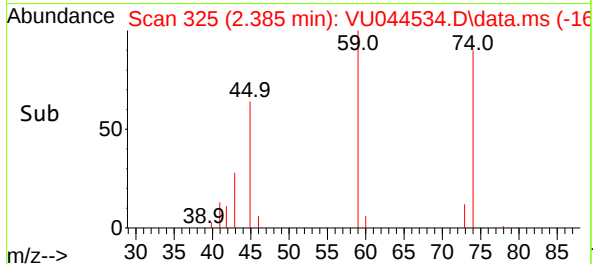


#23
Diethyl Ether
Concen: 0.609 ug/l
RT: 2.385 min Scan# 325
Delta R.T. 0.000 min
Lab File: VU044534.D
Acq: 31 Aug 2021 17:12

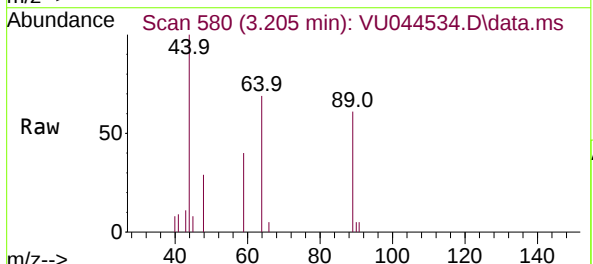
Instrument :
MSVOA_U
ClientSampled :



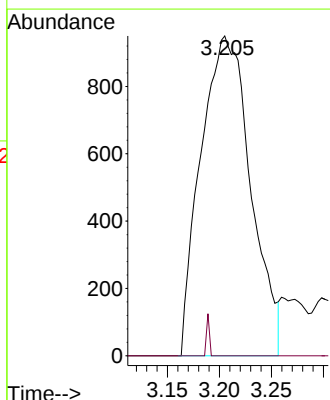
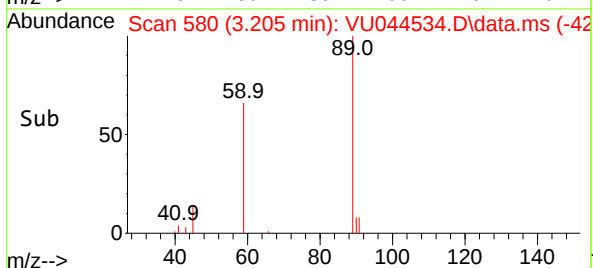
Tgt Ion:	59	Resp:	3042
Ion Ratio	Lower	Upper	
59	100		
45	68.2	50.6	76.0
74	85.6	63.8	95.8

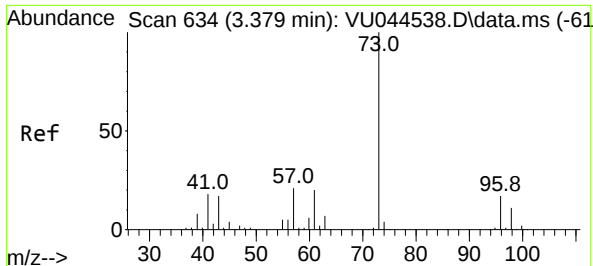


#24
tert-Butyl Alcohol
Concen: 10.877 ug/l
RT: 3.205 min Scan# 580
Delta R.T. -0.003 min
Lab File: VU044534.D
Acq: 31 Aug 2021 17:12



Tgt Ion:	59	Resp:	3174
Ion Ratio	Lower	Upper	
59	100		
57	0.0	6.6	9.8#



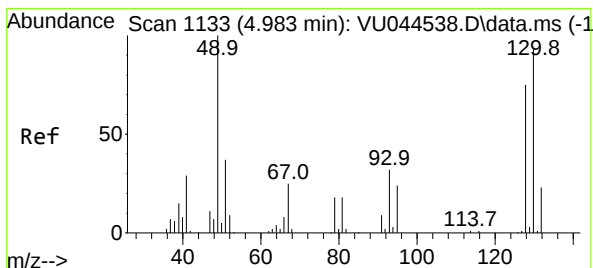
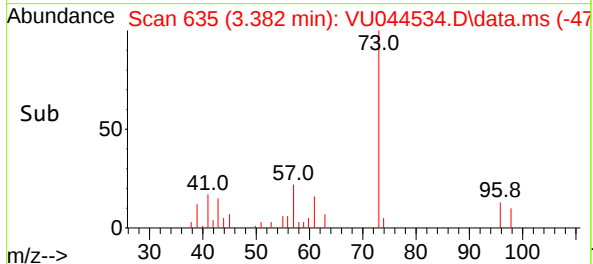
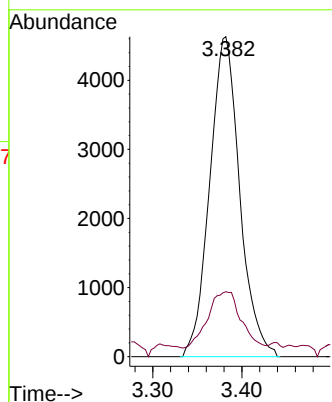
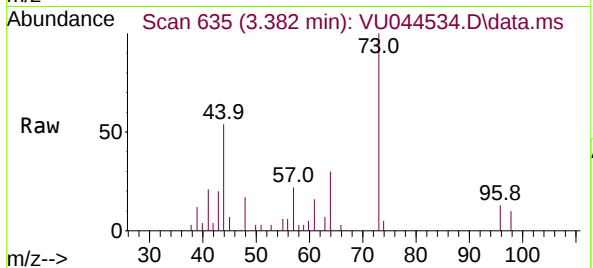


#25

Methyl tert-Butyl Ether
Concen: 0.649 ug/l
RT: 3.382 min Scan# 635
Delta R.T. 0.003 min
Lab File: VU044534.D
Acq: 31 Aug 2021 17:12

Instrument :
MSVOA_U
ClientSampled :

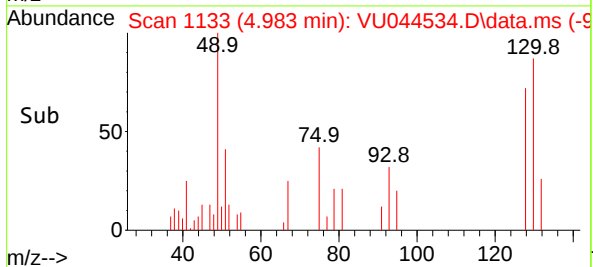
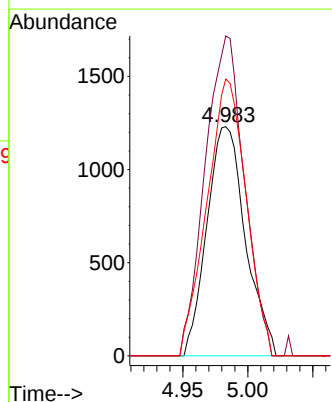
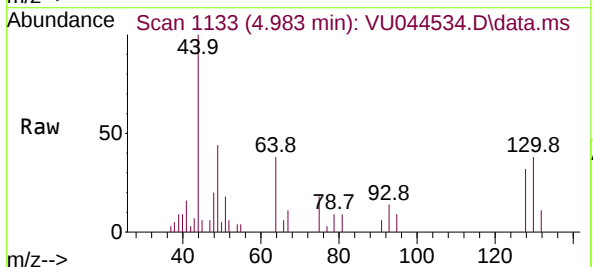
Tgt Ion: 73 Resp: 10835
Ion Ratio Lower Upper
73 100
43 19.3 14.1 21.1

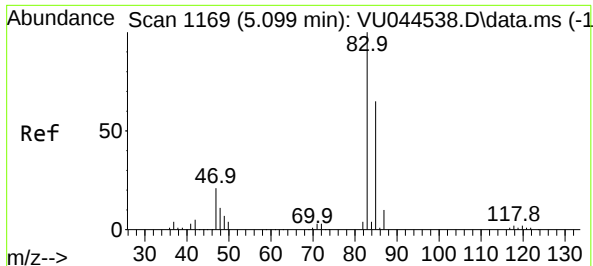


#26

Bromochloromethane
Concen: 0.762 ug/l
RT: 4.983 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VU044534.D
Acq: 31 Aug 2021 17:12

Tgt Ion: 128 Resp: 2540
Ion Ratio Lower Upper
128 100
49 141.5 0.0 272.2
130 122.8 101.2 151.8





#27

Chloroform

Concen: 0.780 ug/l

RT: 5.099 min Scan# 1169

Delta R.T. 0.000 min

Lab File: VU044534.D

Acq: 31 Aug 2021 17:12

Tgt Ion: 83 Resp: 9886

Ion Ratio Lower Upper

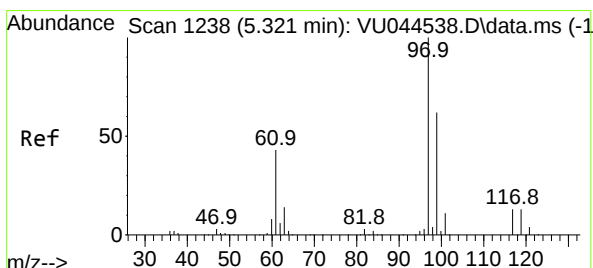
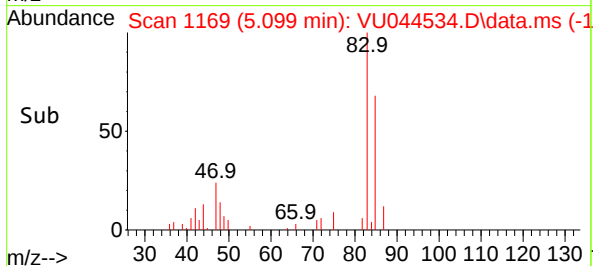
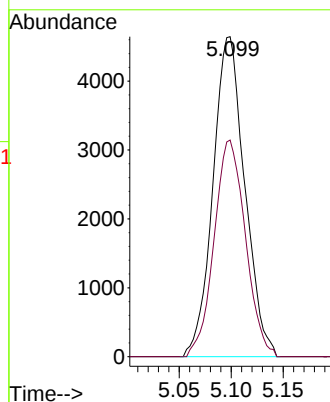
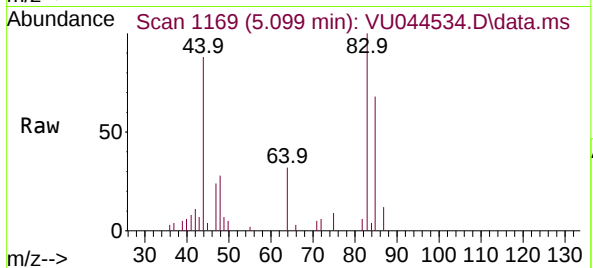
83 100

85 67.7 0.0 129.8

Instrument :

MSVOA_U

ClientSampled :



#28

1,1,1-Trichloroethane

Concen: 0.734 ug/l

RT: 5.324 min Scan# 1239

Delta R.T. 0.003 min

Lab File: VU044534.D

Acq: 31 Aug 2021 17:12

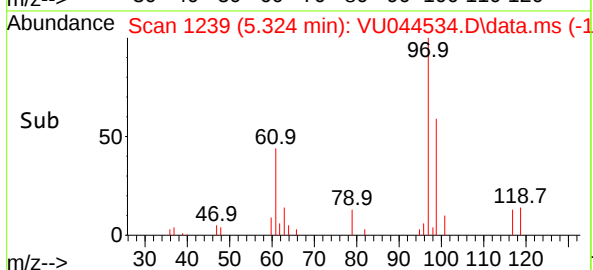
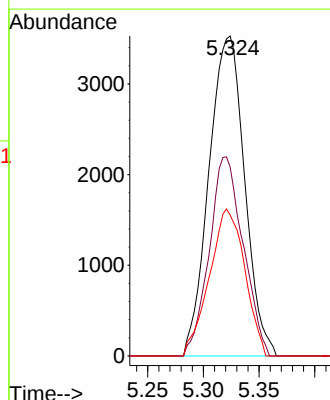
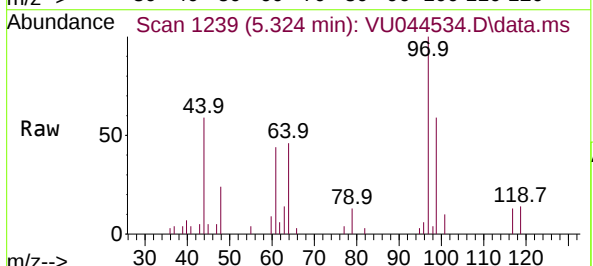
Tgt Ion: 97 Resp: 7870

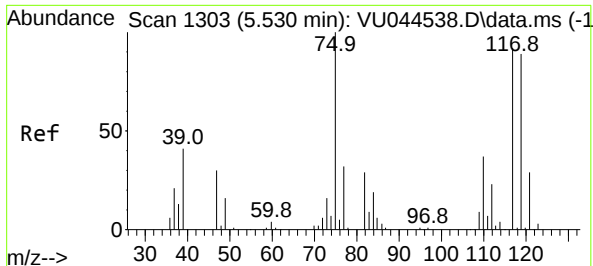
Ion Ratio Lower Upper

97 100

99 59.0 32.0 96.2

61 45.5 21.6 64.6





#29

1,1-Dichloropropene

Concen: 0.419 ug/l

RT: 5.533 min Scan# 1304

Delta R.T. 0.003 min

Lab File: VU044534.D

Acq: 31 Aug 2021 17:12

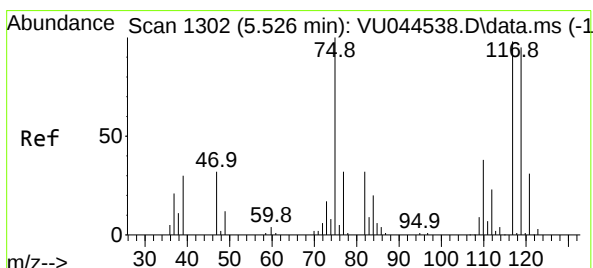
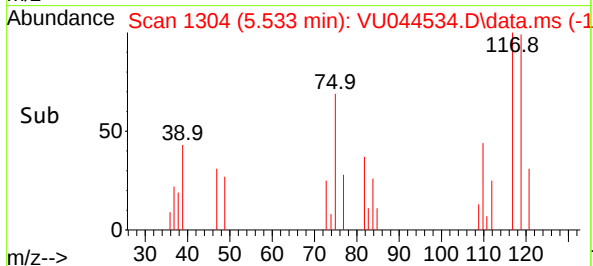
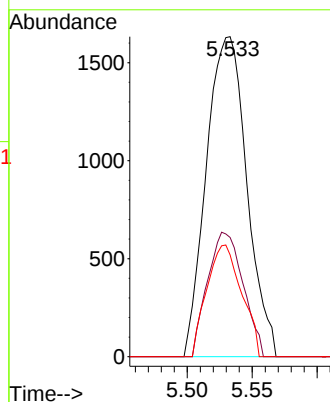
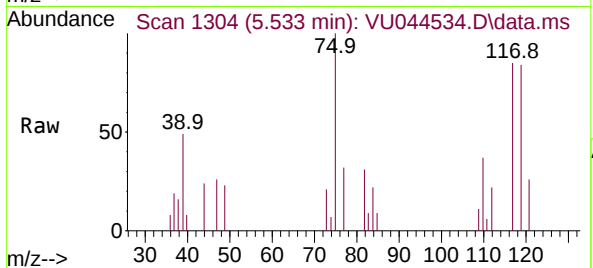
Tgt Ion: 75 Resp: 3537

Ion Ratio Lower Upper

75 100

110 34.1 18.6 55.8

77 29.9 25.9 38.9



#30

Carbon Tetrachloride

Concen: 0.419 ug/l

RT: 5.526 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VU044534.D

Acq: 31 Aug 2021 17:12

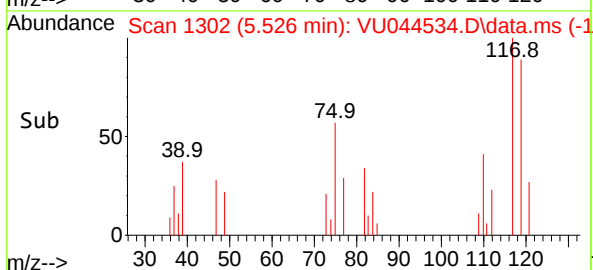
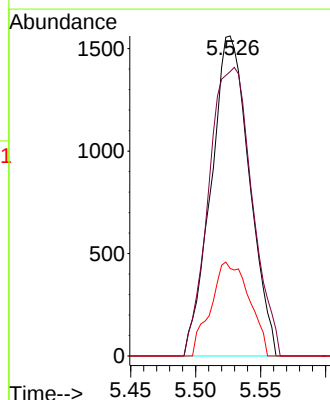
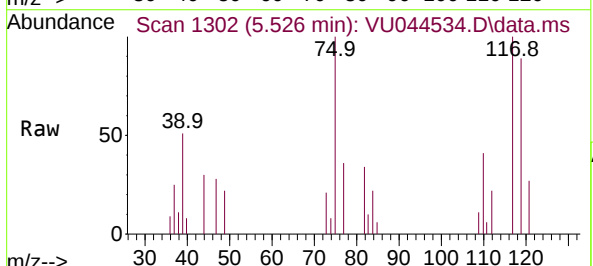
Tgt Ion: 117 Resp: 3202

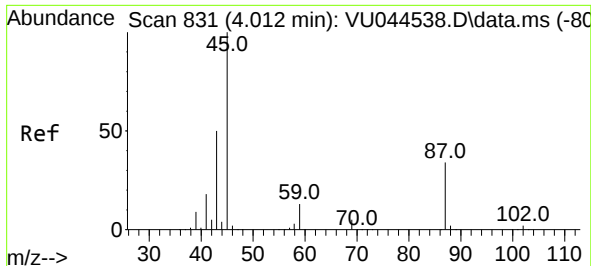
Ion Ratio Lower Upper

117 100

119 88.9 77.2 115.8

121 27.3 25.2 37.8

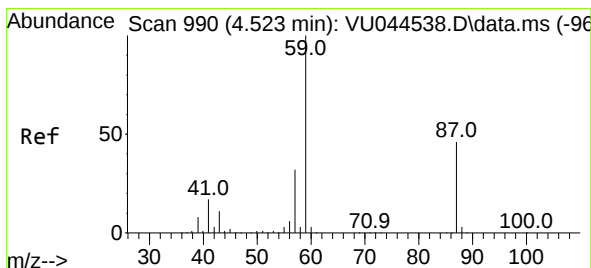
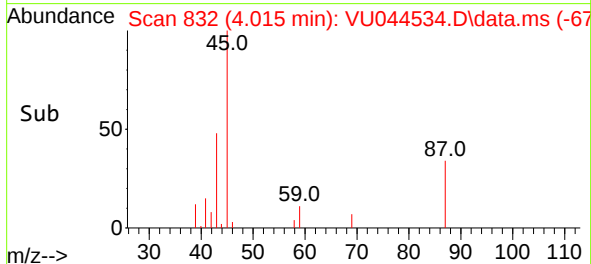
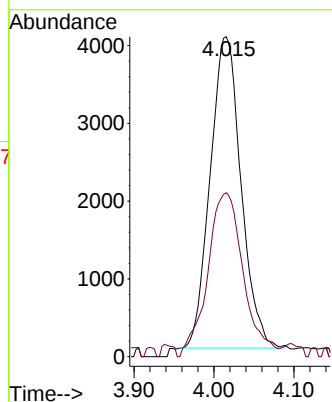
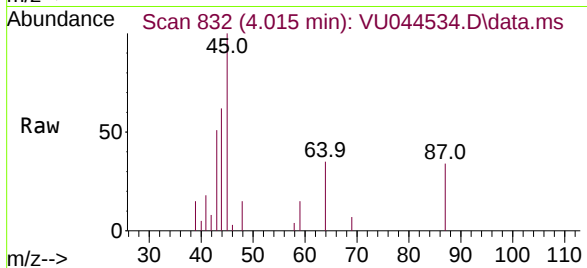




#31
Isopropyl Ether
Concen: 0.538 ug/l
RT: 4.015 min Scan# 832
Delta R.T. 0.003 min
Lab File: VU044534.D
Acq: 31 Aug 2021 17:12

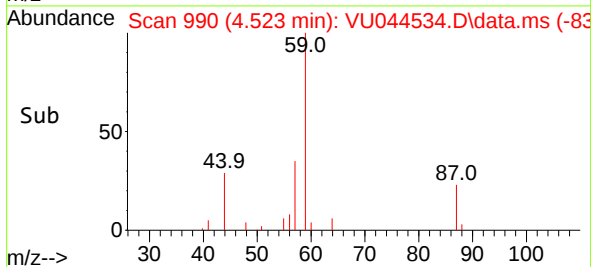
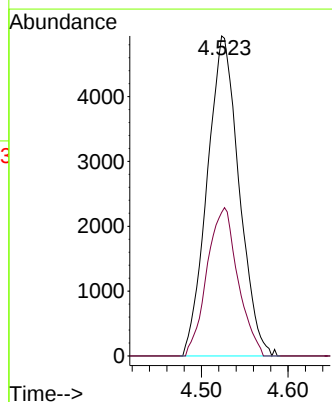
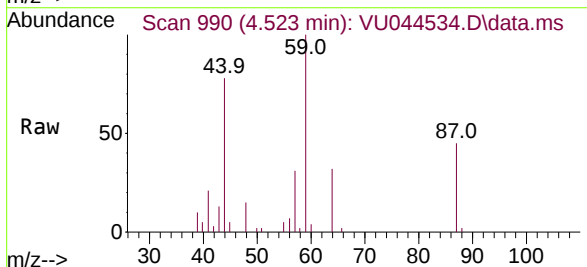
Instrument :
MSVOA_U
ClientSampled :

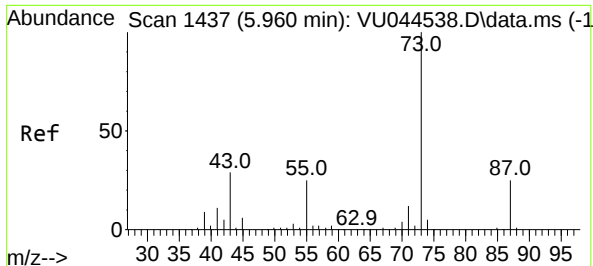
Tgt Ion: 45 Resp: 10715
Ion Ratio Lower Upper
45 100
43 60.8 25.4 76.4



#32
Ethyl-t-butyl ether
Concen: 0.628 ug/l
RT: 4.523 min Scan# 990
Delta R.T. 0.000 min
Lab File: VU044534.D
Acq: 31 Aug 2021 17:12

Tgt Ion: 59 Resp: 12608
Ion Ratio Lower Upper
59 100
87 44.9 37.0 55.4



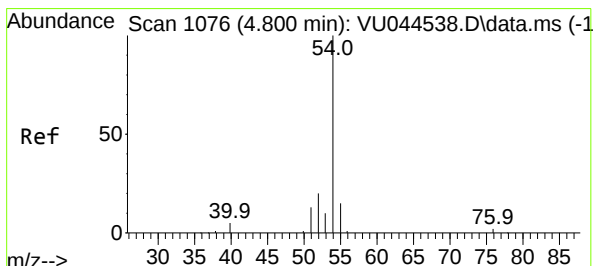
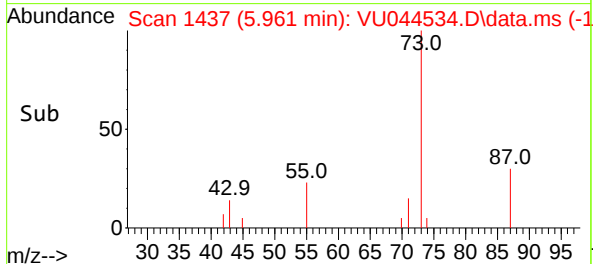
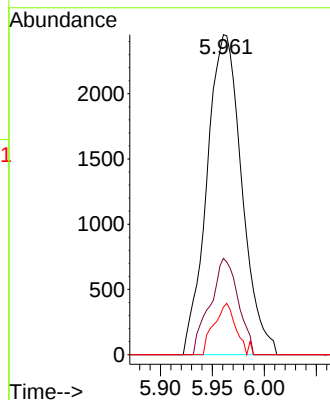
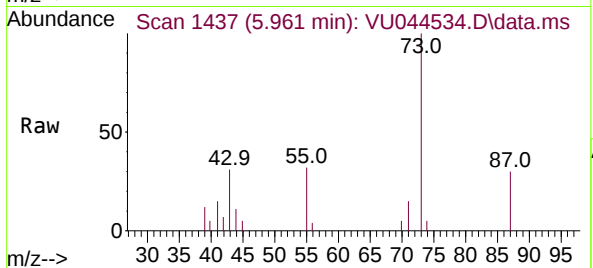


#33

Tert-Amyl methyl ether
Concen: 0.361 ug/l
RT: 5.961 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VU044534.D
Acq: 31 Aug 2021 17:12

Instrument :
MSVOA_U
ClientSampled :

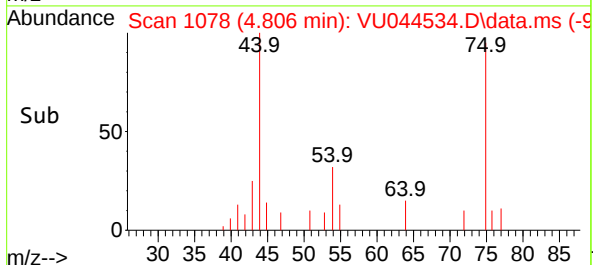
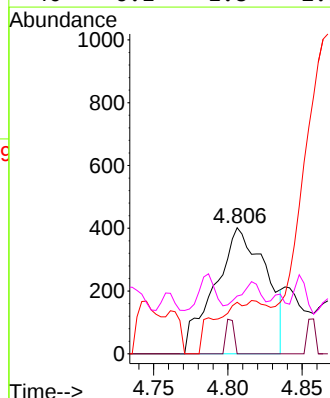
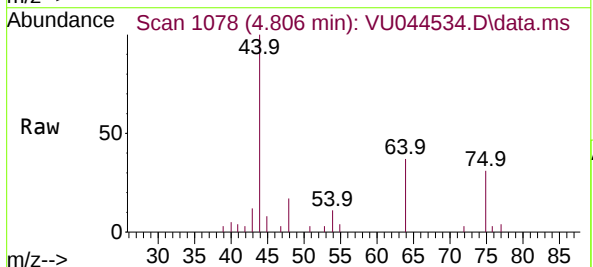
Tgt Ion: 73	Resp: 5731
Ion Ratio	Lower Upper
73 100	
87 24.1	19.6 29.4
71 10.1	9.1 13.7

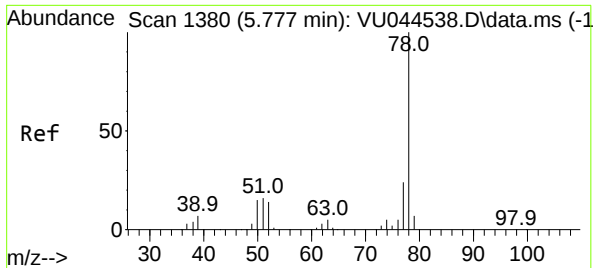


#34

Propionitrile
Concen: 2.402 ug/l
RT: 4.806 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VU044534.D
Acq: 31 Aug 2021 17:12

Tgt Ion: 54	Resp: 965
Ion Ratio	Lower Upper
54 100	
52 4.4	14.5 21.7#
55 0.0	8.9 13.3#
40 6.1	1.8 2.8#

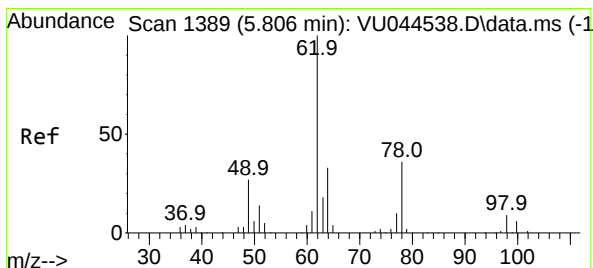
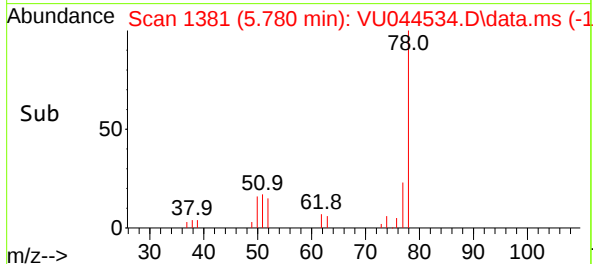
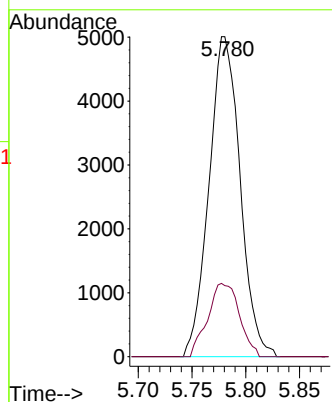
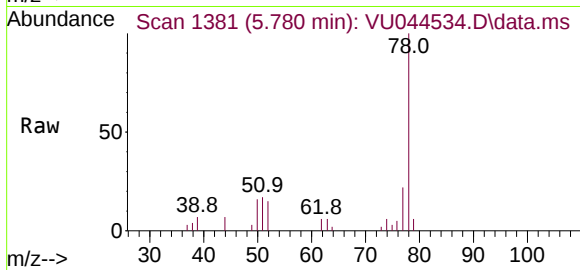




#35
Benzene
Concen: 0.409 ug/l
RT: 5.780 min Scan# 1381
Delta R.T. 0.003 min
Lab File: VU044534.D
Acq: 31 Aug 2021 17:12

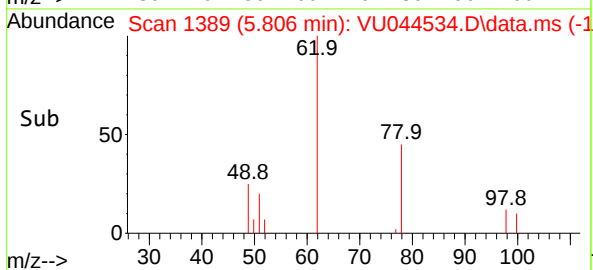
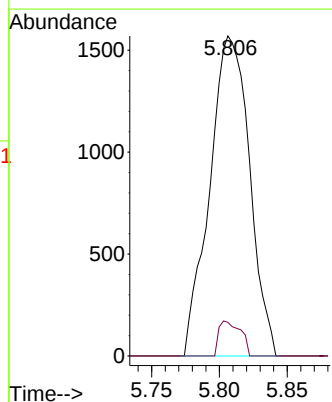
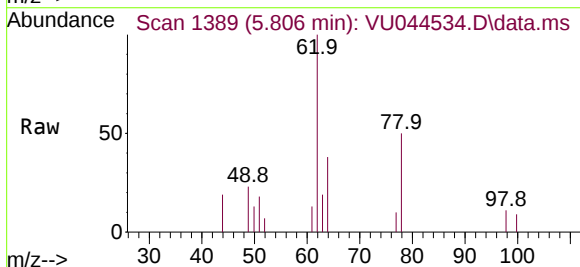
Instrument :
MSVOA_U
ClientSampled :

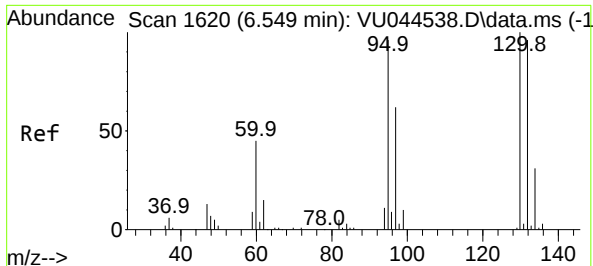
Tgt Ion: 78 Resp: 10068
Ion Ratio Lower Upper
78 100
77 22.2 19.1 28.7



#36
1,2-Dichloroethane
Concen: 0.443 ug/l
RT: 5.806 min Scan# 1389
Delta R.T. 0.000 min
Lab File: VU044534.D
Acq: 31 Aug 2021 17:12

Tgt Ion: 62 Resp: 3211
Ion Ratio Lower Upper
62 100
98 5.9 7.0 10.6#





#37

Trichloroethene

Concen: 0.445 ug/l

RT: 6.549 min Scan# 1620

Delta R.T. 0.000 min

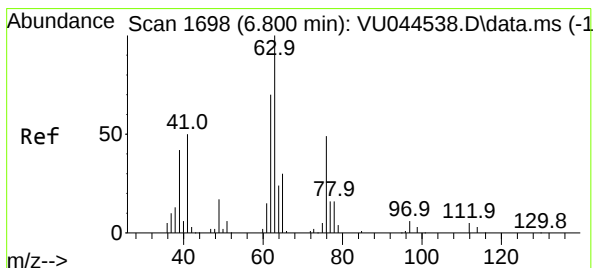
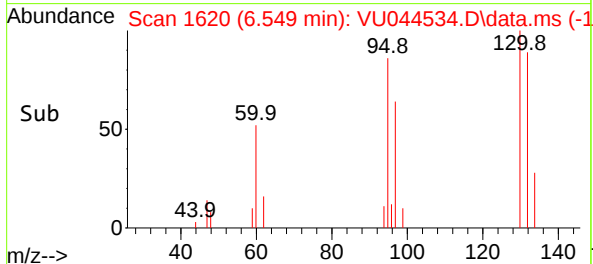
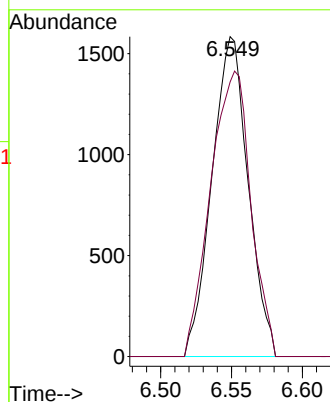
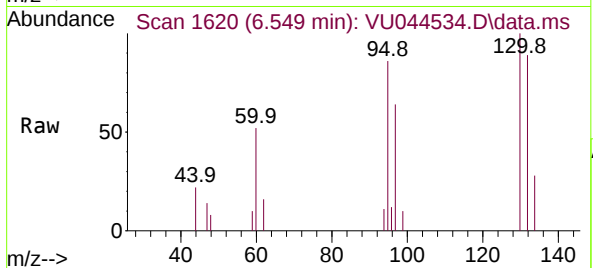
Lab File: VU044534.D

Acq: 31 Aug 2021 17:12

Tgt Ion:130 Resp: 2816

Ion Ratio Lower Upper

130	100		
95	85.9	76.9	115.3



#38

1,2-Dichloropropane

Concen: 0.372 ug/l

RT: 6.803 min Scan# 1699

Delta R.T. 0.003 min

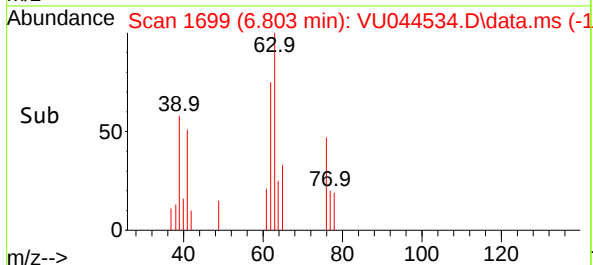
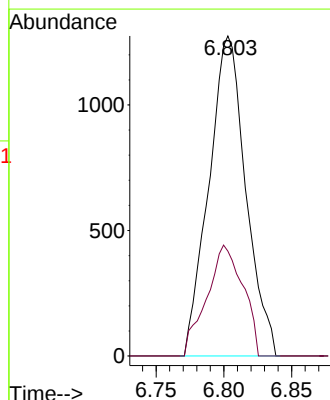
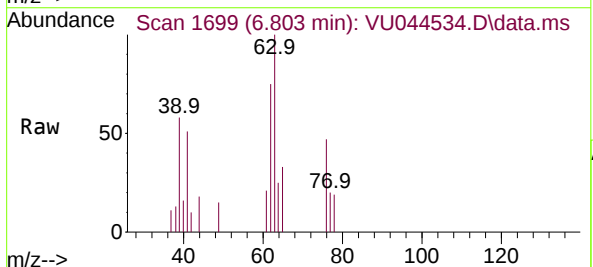
Lab File: VU044534.D

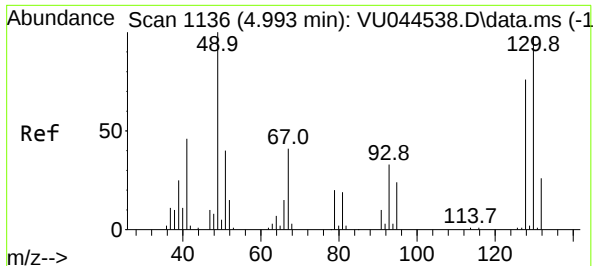
Acq: 31 Aug 2021 17:12

Tgt Ion: 63 Resp: 2415

Ion Ratio Lower Upper

63	100		
65	32.8	24.3	36.5





#39

Methacrylonitrile

Concen: 0.568 ug/l

RT: 4.999 min Scan# 1138

Delta R.T. 0.006 min

Lab File: VU044534.D

Acq: 31 Aug 2021 17:12

Tgt Ion: 41 Resp: 1293

Ion Ratio Lower Upper

41 100

67 56.5 72.1 108.1#

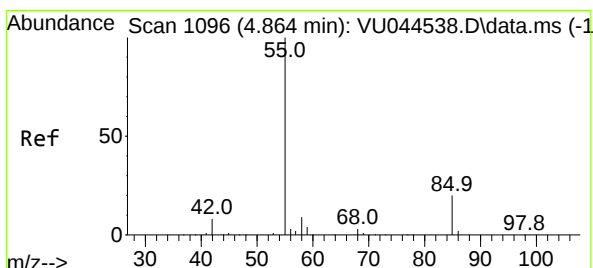
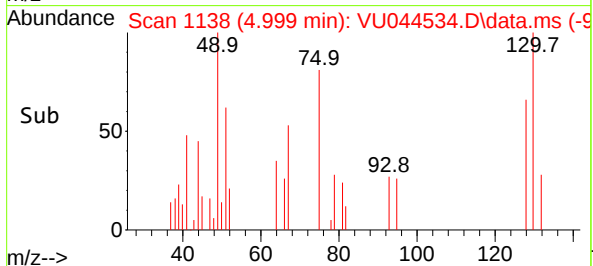
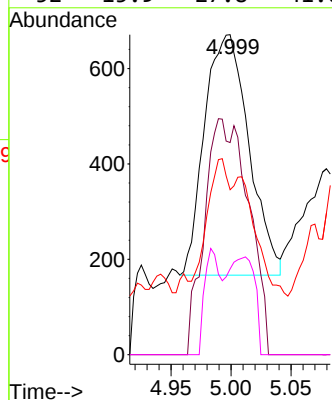
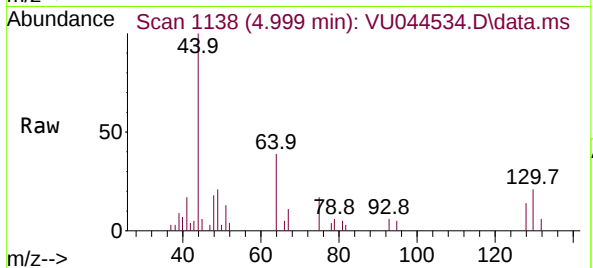
39 24.0 40.3 60.5#

52 15.9 27.8 41.6#

Instrument :

MSVOA_U

ClientSampleId :



#40

Methyl acrylate

Concen: 0.549 ug/l

RT: 4.874 min Scan# 1099

Delta R.T. 0.010 min

Lab File: VU044534.D

Acq: 31 Aug 2021 17:12

Tgt Ion: 55 Resp: 1947

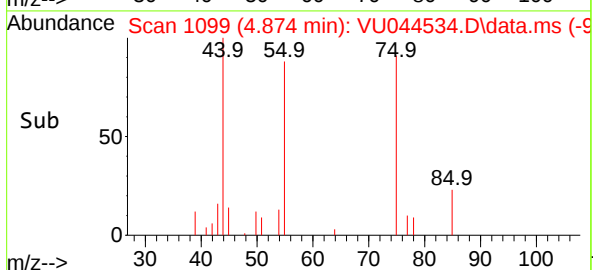
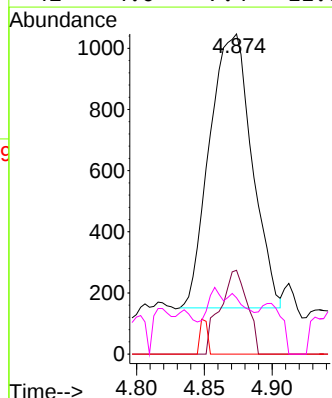
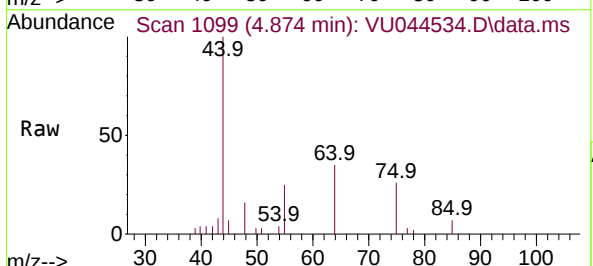
Ion Ratio Lower Upper

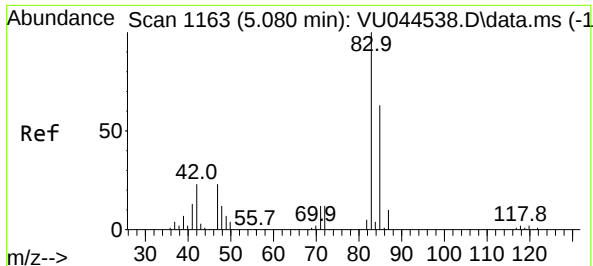
55 100

85 19.6 17.4 26.0

58 2.2 8.3 12.5#

42 4.0 7.4 11.0#





#41

Tetrahydrofuran

Concen: 1.669 ug/l

RT: 5.083 min Scan# 1164

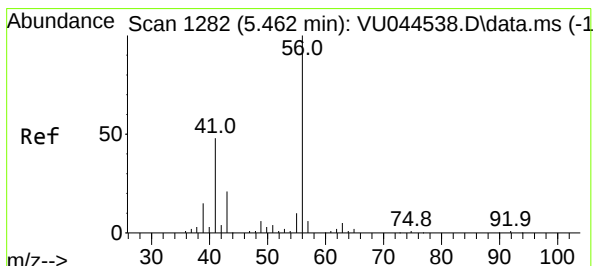
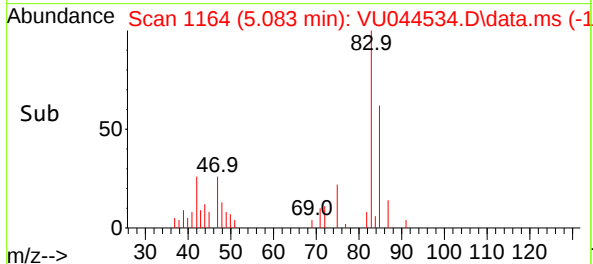
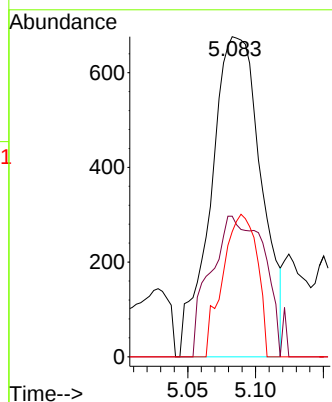
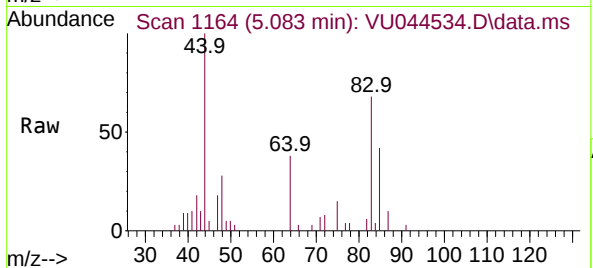
Delta R.T. 0.003 min

Lab File: VU044534.D

Acq: 31 Aug 2021 17:12

Tgt Ion:	42	Resp:	1746
Ion	Ratio	Lower	Upper
42	100		
72	47.4	42.6	63.8
71	30.2	43.8	65.6#

Instrument :
MSVOA_U
ClientSampleId :



#42

1-Chlorobutane

Concen: 0.388 ug/l

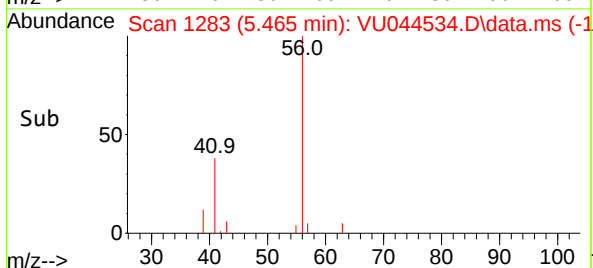
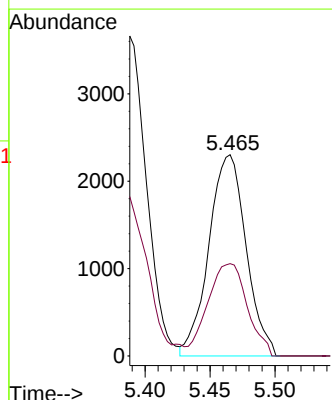
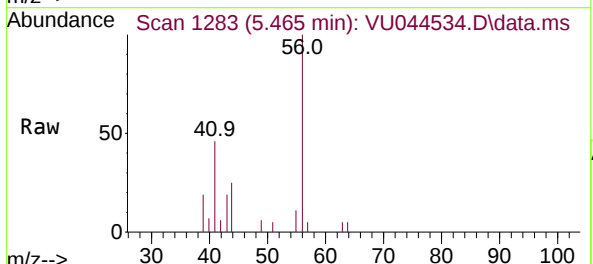
RT: 5.465 min Scan# 1283

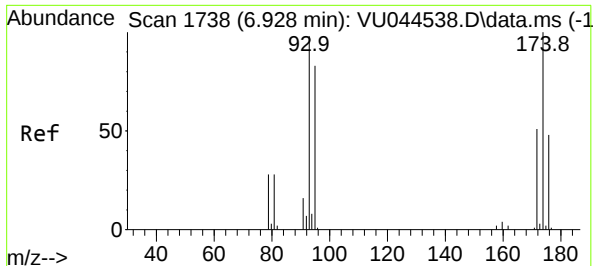
Delta R.T. 0.003 min

Lab File: VU044534.D

Acq: 31 Aug 2021 17:12

Tgt Ion:	56	Resp:	4589
Ion	Ratio	Lower	Upper
56	100		
41	48.8	24.3	72.9





#43

Dibromomethane

Concen: 0.454 ug/l

RT: 6.928 min Scan# 1738

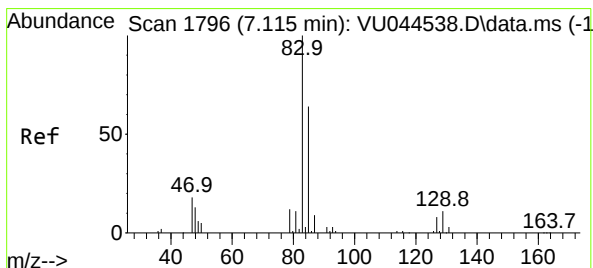
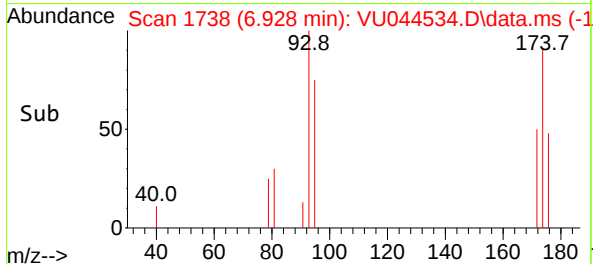
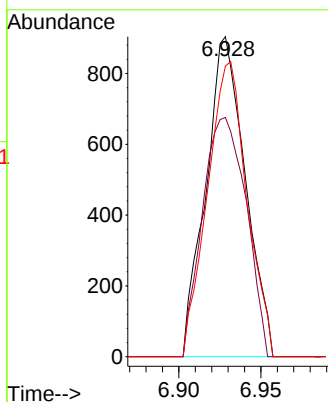
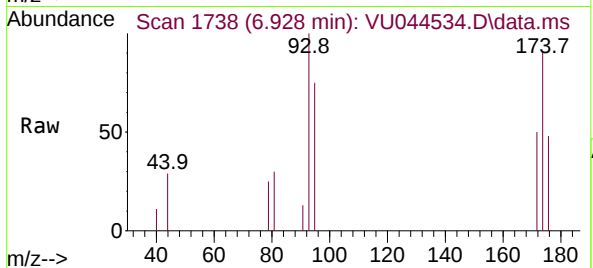
Delta R.T. 0.000 min

Lab File: VU044534.D

Acq: 31 Aug 2021 17:12

Tgt Ion: 93 Resp: 1508

Ion	Ratio	Lower	Upper
93	100		
95	82.8	68.2	102.4
174	92.4	80.0	120.0



#44

Bromodichloromethane

Concen: 0.444 ug/l

RT: 7.115 min Scan# 1796

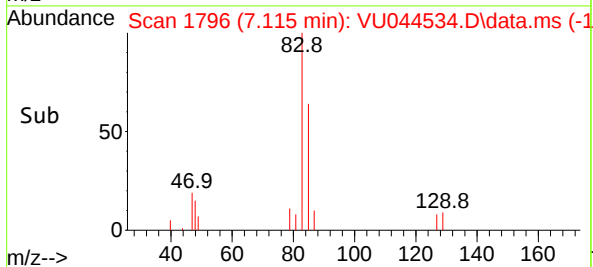
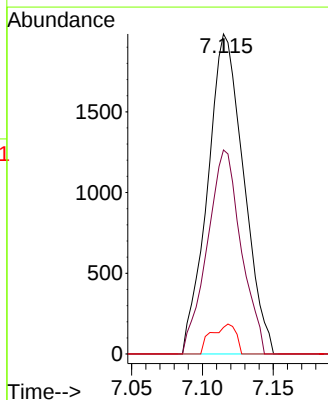
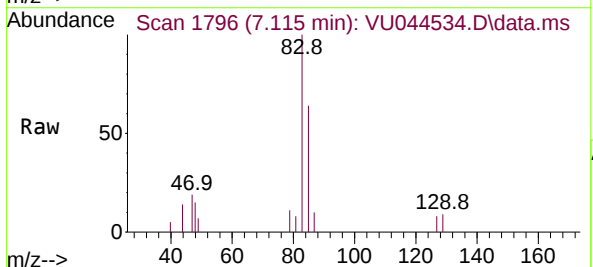
Delta R.T. 0.000 min

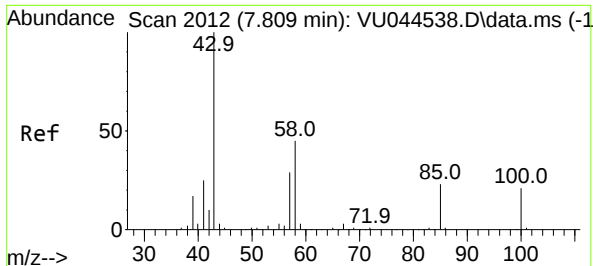
Lab File: VU044534.D

Acq: 31 Aug 2021 17:12

Tgt Ion: 83 Resp: 3510

Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.4	77.2
127	8.3	7.2	10.8





#45

4-Methyl-2-Pentanone

Concen: 1.743 ug/l

RT: 7.813 min Scan# 2013

Delta R.T. 0.003 min

Lab File: VU044534.D

Acq: 31 Aug 2021 17:12

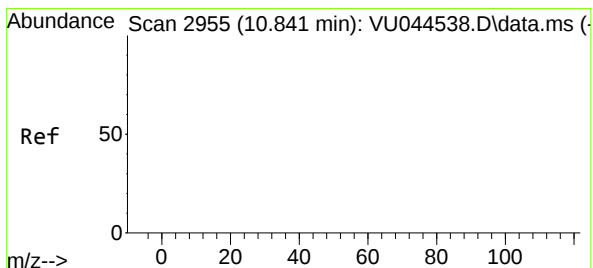
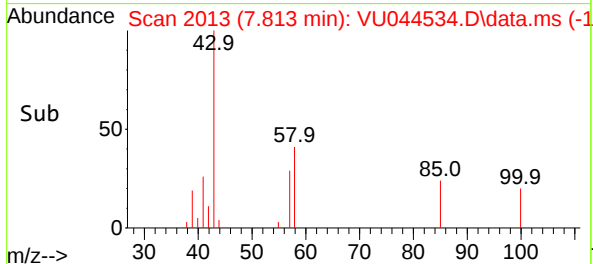
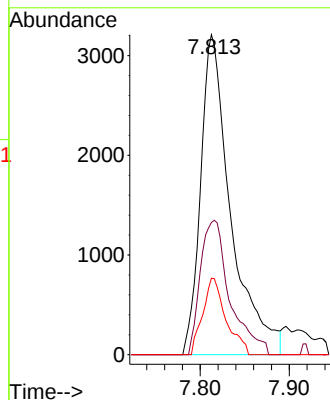
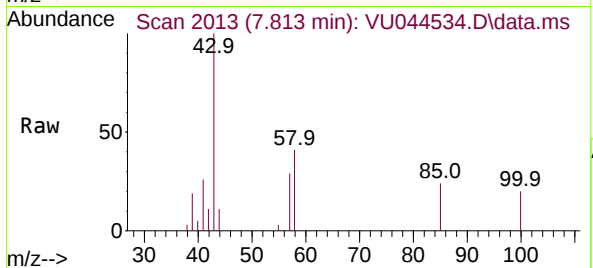
Tgt Ion: 43 Resp: 7547

Ion Ratio Lower Upper

43 100

58 41.1 22.4 67.3

85 18.4 18.2 27.4



#46

t-1,4-Dichloro-2-butene

Concen: 1.779 ug/l

RT: 10.832 min Scan# 2952

Delta R.T. -0.010 min

Lab File: VU044534.D

Acq: 31 Aug 2021 17:12

Tgt Ion: 75 Resp: 3246

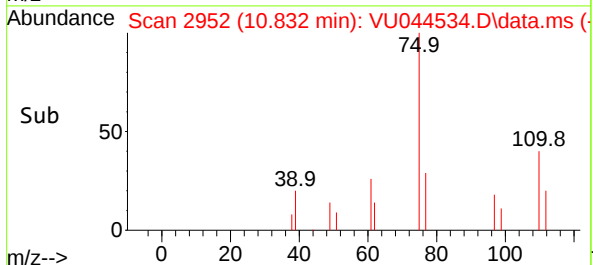
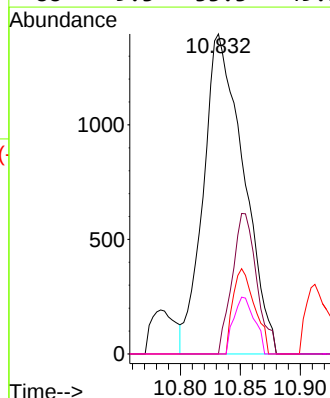
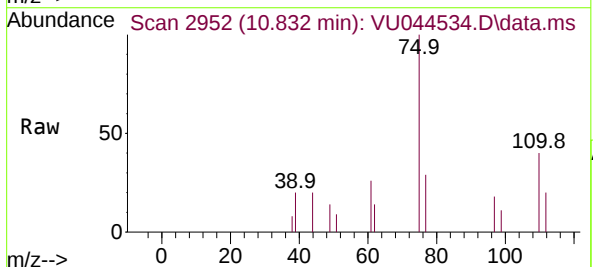
Ion Ratio Lower Upper

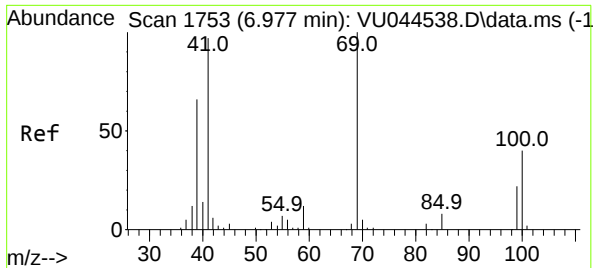
75 100

53 26.9 64.0 96.0#

89 14.4 42.1 63.1#

88 9.3 33.3 49.9#



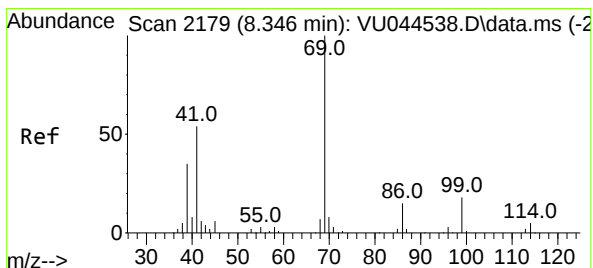
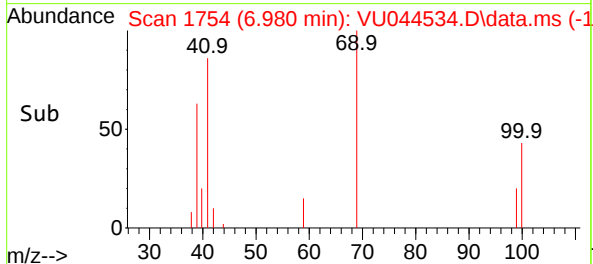
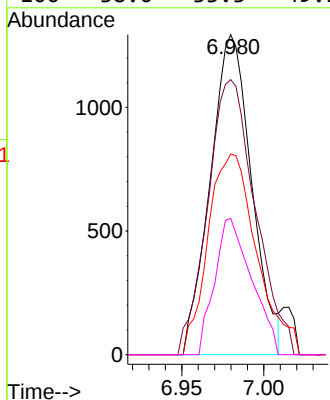
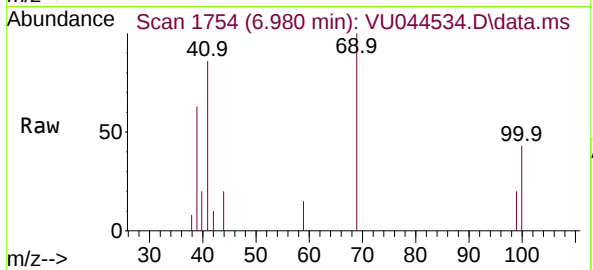


#47

Methyl methacrylate
Concen: 0.645 ug/l
RT: 6.980 min Scan# 1754
Delta R.T. 0.003 min
Lab File: VU044534.D
Acq: 31 Aug 2021 17:12

Instrument :
MSVOA_U
ClientSampled :

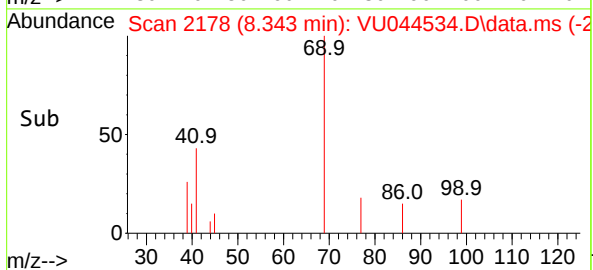
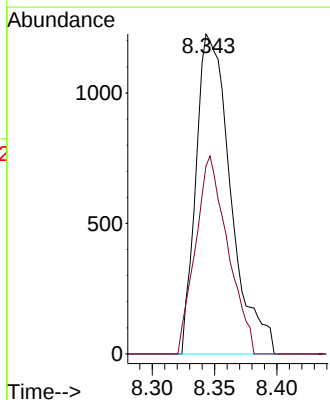
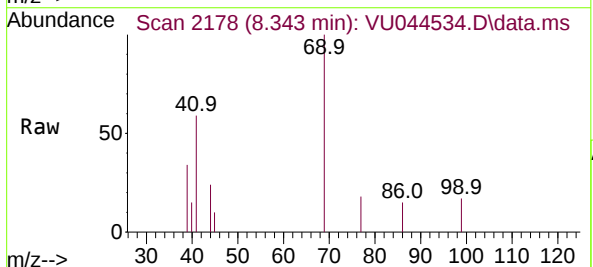
Tgt Ion:	69	Resp:	2265
Ion	Ratio	Lower	Upper
69	100		
41	98.9	0.0	191.8
39	73.8	52.4	78.6
100	38.0	33.3	49.9

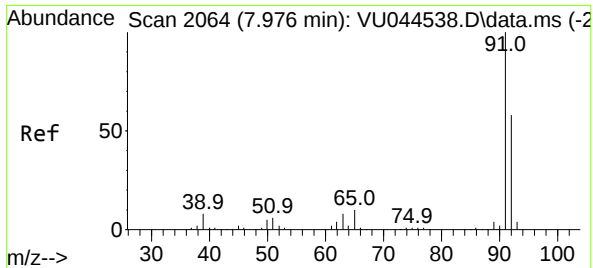


#48

Ethyl methacrylate
Concen: 0.326 ug/l
RT: 8.343 min Scan# 2178
Delta R.T. -0.003 min
Lab File: VU044534.D
Acq: 31 Aug 2021 17:12

Tgt Ion:	69	Resp:	2376
Ion	Ratio	Lower	Upper
69	100		
41	57.5	27.1	81.2

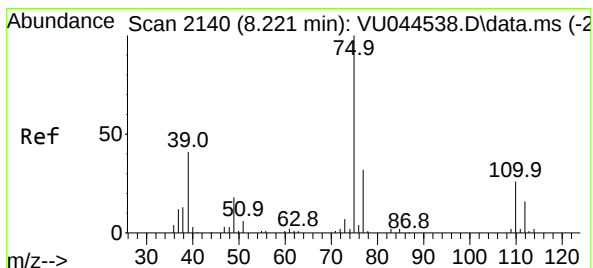
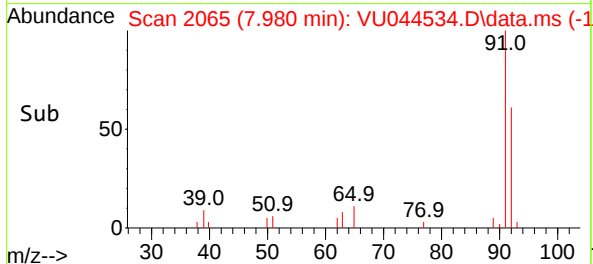
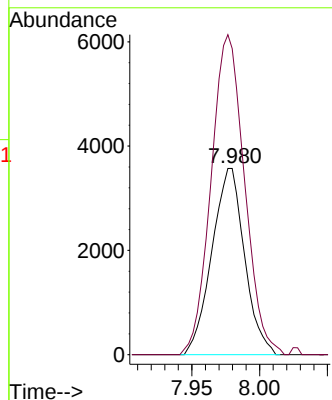
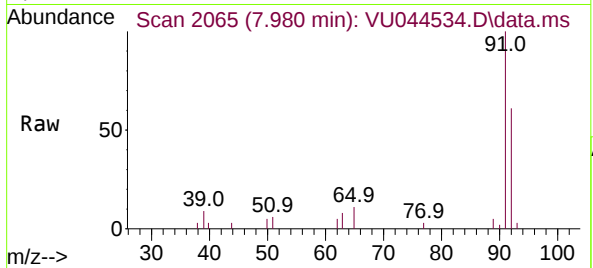




#49
Toluene
Concen: 0.380 ug/l
RT: 7.980 min Scan# 2065
Delta R.T. 0.003 min
Lab File: VU044534.D
Acq: 31 Aug 2021 17:12

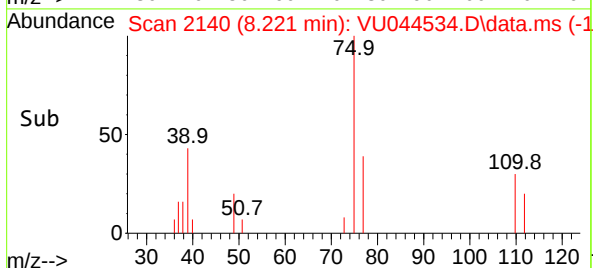
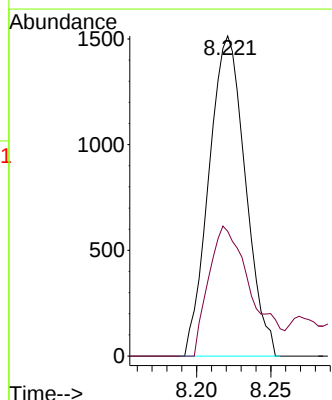
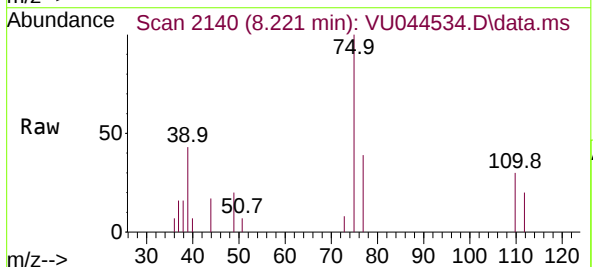
Instrument :
MSVOA_U
ClientSampled :

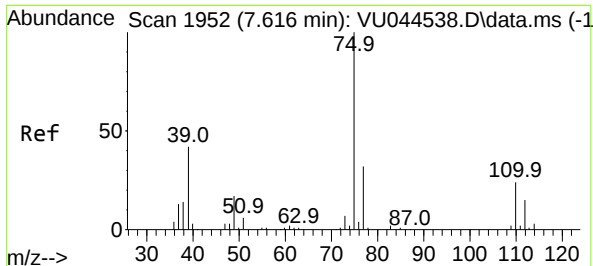
Tgt Ion: 92 Resp: 5981
Ion Ratio Lower Upper
92 100
91 175.8 139.4 209.0



#50
t-1,3-Dichloropropene
Concen: 0.323 ug/l
RT: 8.221 min Scan# 2140
Delta R.T. 0.000 min
Lab File: VU044534.D
Acq: 31 Aug 2021 17:12

Tgt Ion: 75 Resp: 2580
Ion Ratio Lower Upper
75 100
77 39.0 25.3 37.9#

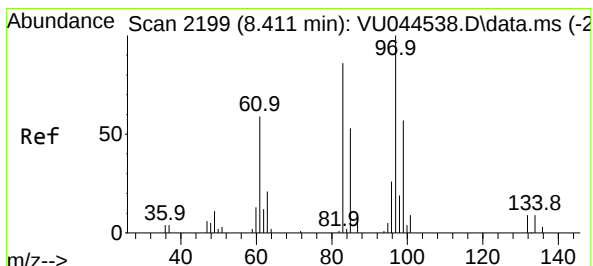
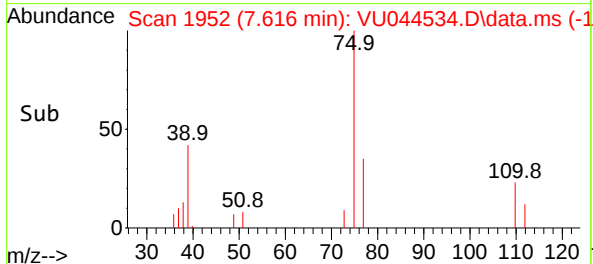
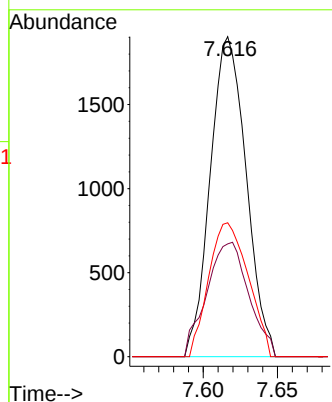
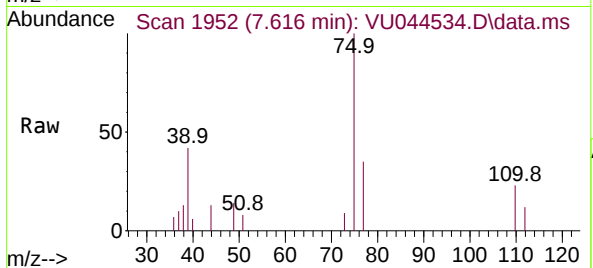




#51
 cis-1,3-Dichloropropene
 Concen: 0.341 ug/l
 RT: 7.616 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VU044534.D
 Acq: 31 Aug 2021 17:12

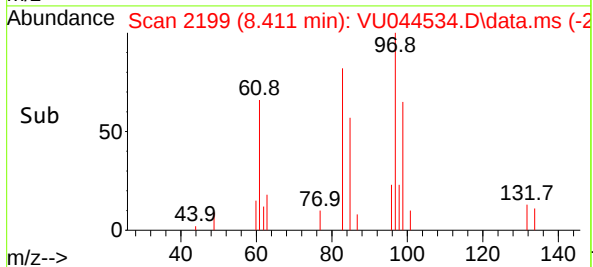
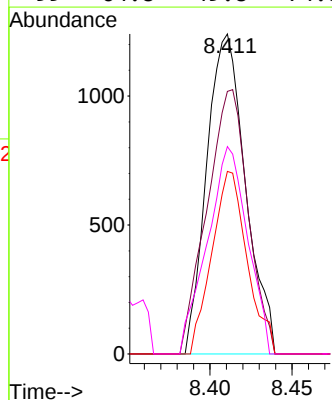
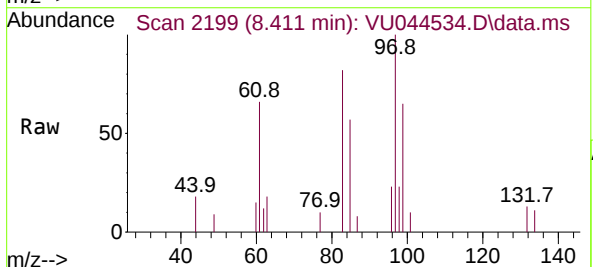
Instrument :
 MSVOA_U
 ClientSampled :

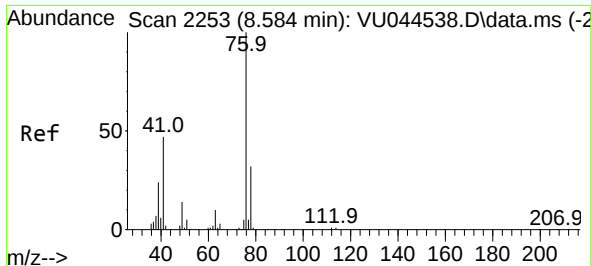
Tgt Ion:	75	Resp:	3202
Ion	Ratio	Lower	Upper
75	100		
77	35.2	25.4	38.2
39	41.9	33.9	50.9



#52
 1,1,2-Trichloroethane
 Concen: 0.416 ug/l
 RT: 8.411 min Scan# 2199
 Delta R.T. 0.000 min
 Lab File: VU044534.D
 Acq: 31 Aug 2021 17:12

Tgt Ion:	97	Resp:	2043
Ion	Ratio	Lower	Upper
97	100		
83	82.0	68.4	102.6
85	57.1	43.4	65.0
99	64.8	49.8	74.8





#53

1,3-Dichloropropane

Concen: 0.404 ug/l

RT: 8.584 min Scan# 2253

Delta R.T. 0.000 min

Lab File: VU044534.D

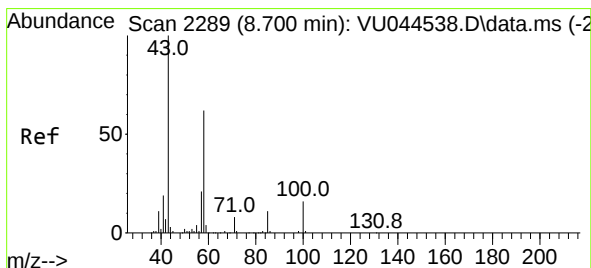
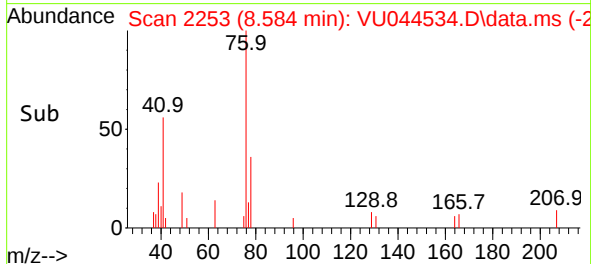
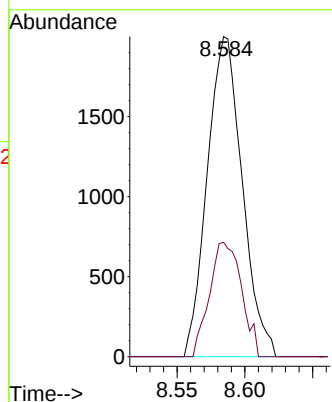
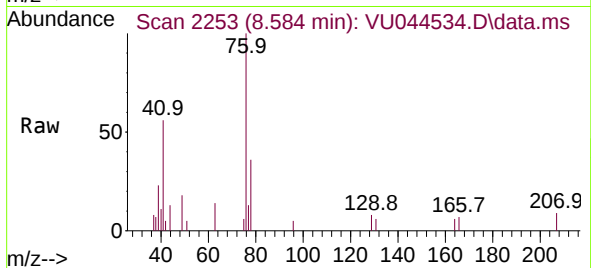
Acq: 31 Aug 2021 17:12

Tgt Ion: 76 Resp: 3583

Ion Ratio Lower Upper

76 100

78 32.7 25.8 38.8



#54

2-Hexanone

Concen: 1.730 ug/l

RT: 8.700 min Scan# 2289

Delta R.T. 0.000 min

Lab File: VU044534.D

Acq: 31 Aug 2021 17:12

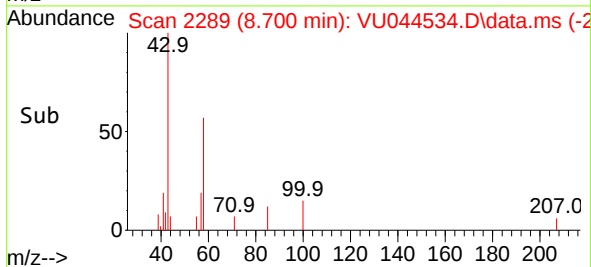
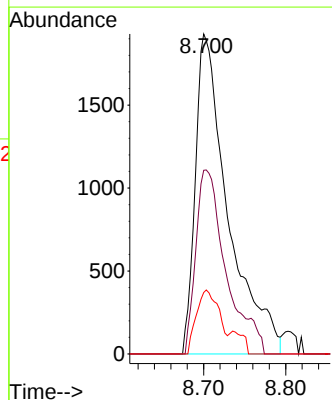
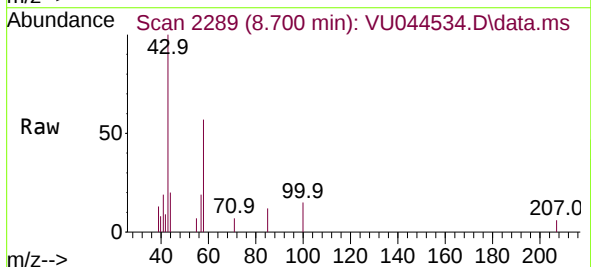
Tgt Ion: 43 Resp: 5333

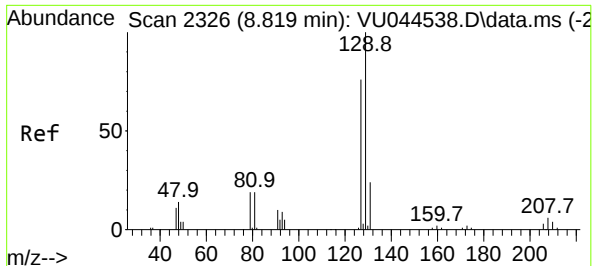
Ion Ratio Lower Upper

43 100

58 53.1 40.6 80.6

57 14.0 0.9 40.9





#55

Dibromochloromethane

Concen: 0.408 ug/l

RT: 8.816 min Scan# 2325

Delta R.T. -0.003 min

Lab File: VU044534.D

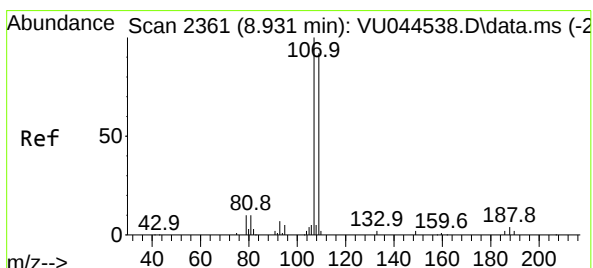
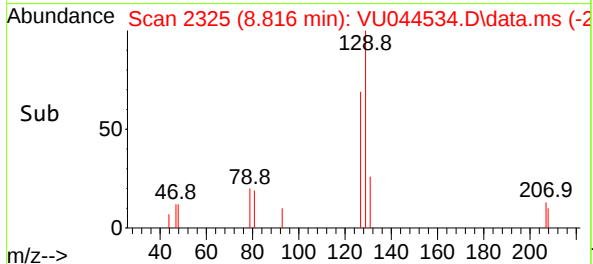
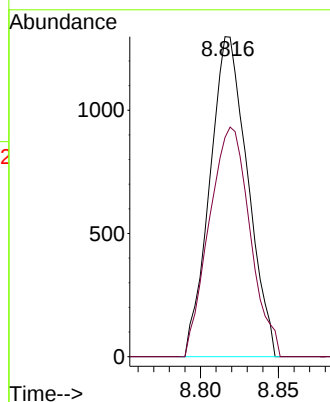
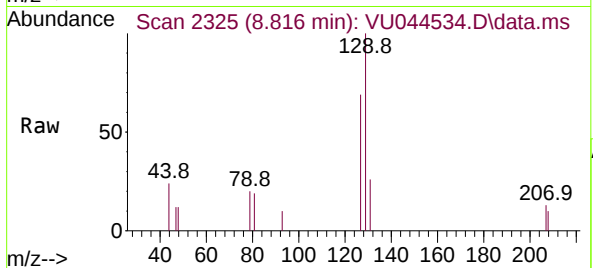
Acq: 31 Aug 2021 17:12

Tgt Ion:129 Resp: 2186

Ion Ratio Lower Upper

129 100

127 77.7 60.8 91.2



#56

1,2-Dibromoethane

Concen: 0.429 ug/l

RT: 8.928 min Scan# 2360

Delta R.T. -0.003 min

Lab File: VU044534.D

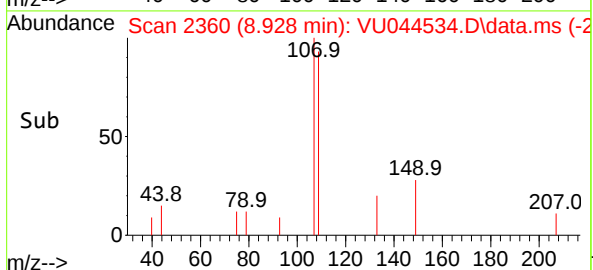
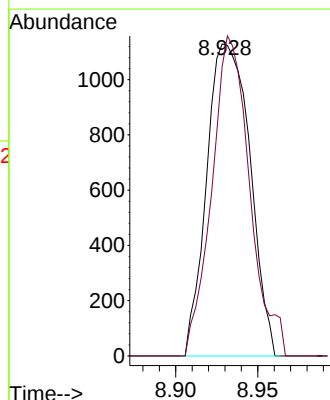
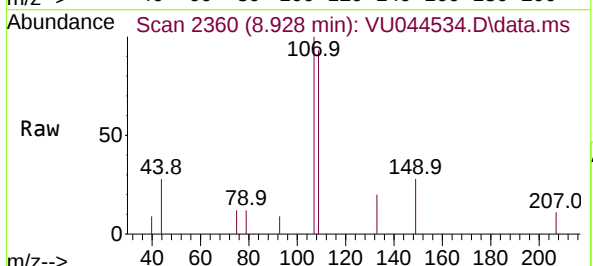
Acq: 31 Aug 2021 17:12

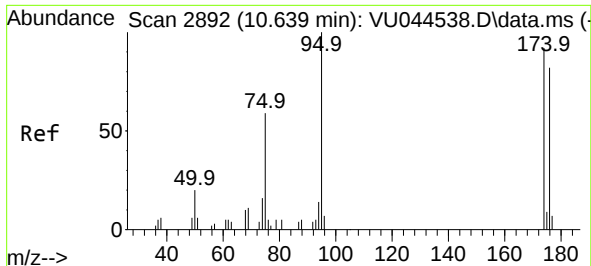
Tgt Ion:107 Resp: 2065

Ion Ratio Lower Upper

107 100

109 90.1 0.0 184.8

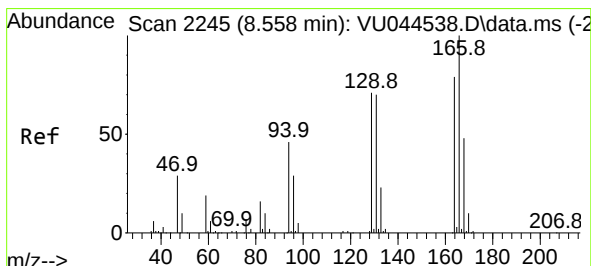
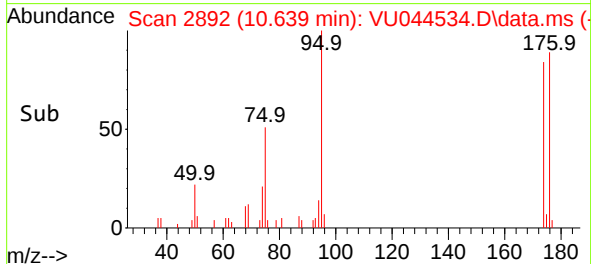
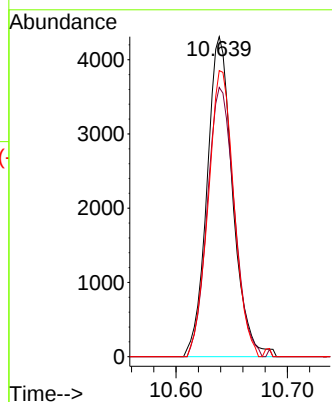
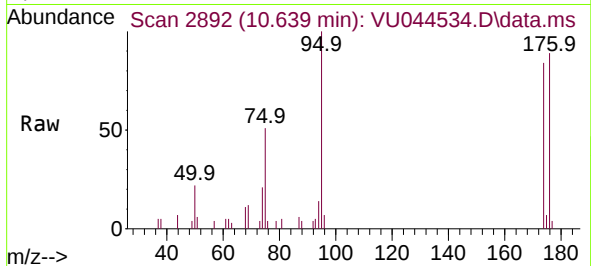




#57
4-Bromofluorobenzene
Concen: 0.811 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.000 min
Lab File: VU044534.D
Acq: 31 Aug 2021 17:12

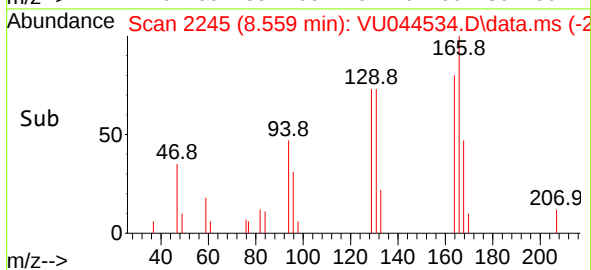
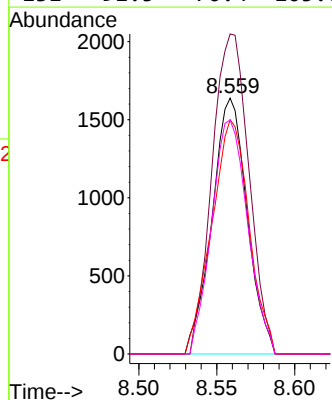
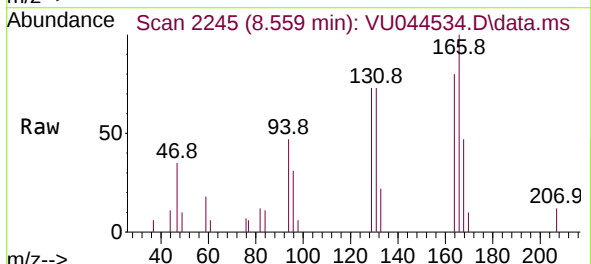
Instrument :
MSVOA_U
ClientSampleId :

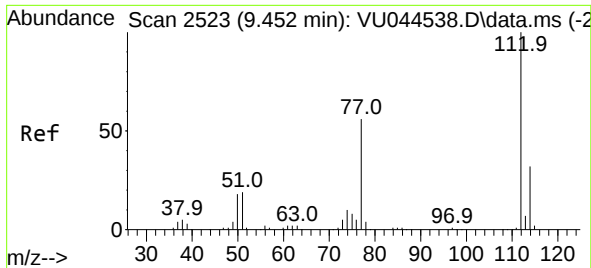
Tgt Ion: 95 Resp: 6910
Ion Ratio Lower Upper
95 100
174 88.1 65.9 98.9
176 89.7 63.0 94.4



#58
Tetrachloroethene
Concen: 0.466 ug/l
RT: 8.559 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU044534.D
Acq: 31 Aug 2021 17:12

Tgt Ion: 164 Resp: 2561
Ion Ratio Lower Upper
164 100
166 125.1 100.7 151.1
129 91.6 71.8 107.8
131 91.5 70.4 105.6

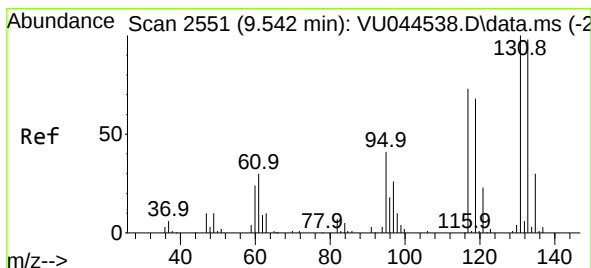
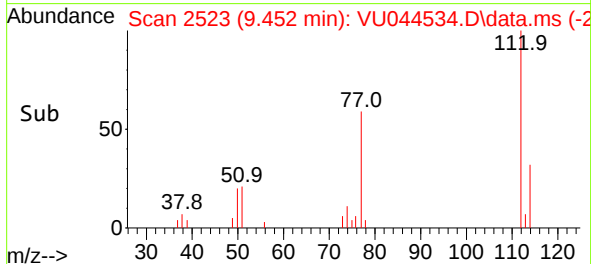
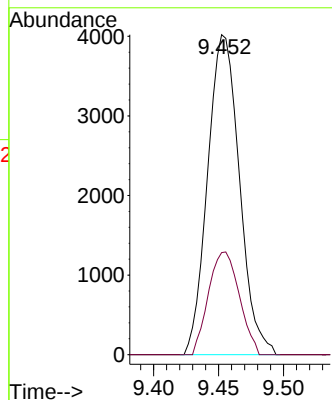
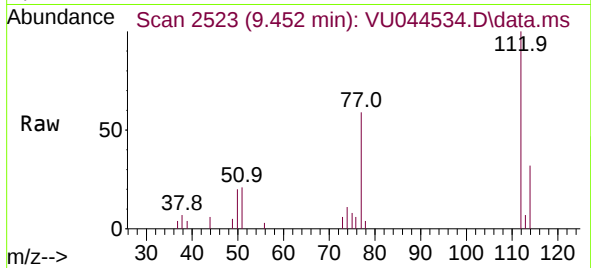




#59
Chlorobenzene
Concen: 0.407 ug/l
RT: 9.452 min Scan# 2523
Delta R.T. 0.000 min
Lab File: VU044534.D
Acq: 31 Aug 2021 17:12

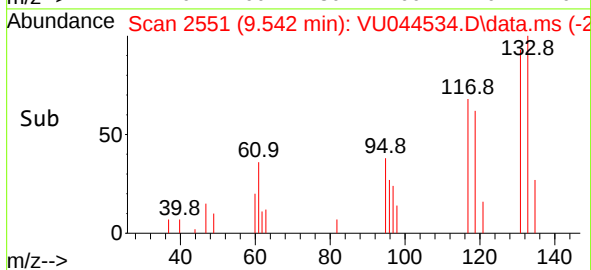
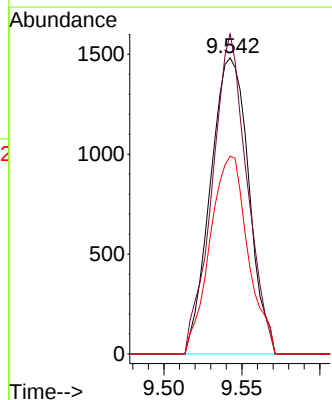
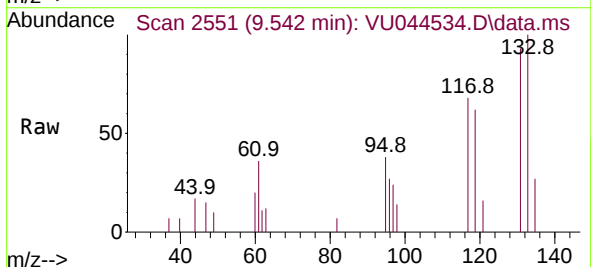
Instrument :
MSVOA_U
ClientSampled :

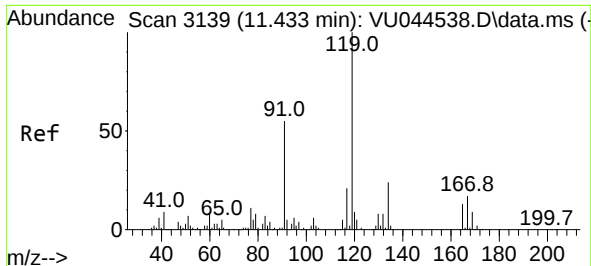
Tgt Ion:112 Resp: 6843
Ion Ratio Lower Upper
112 100
114 31.9 25.5 38.3



#60
1,1,1,2-Tetrachloroethane
Concen: 0.448 ug/l
RT: 9.542 min Scan# 2551
Delta R.T. 0.000 min
Lab File: VU044534.D
Acq: 31 Aug 2021 17:12

Tgt Ion:131 Resp: 2538
Ion Ratio Lower Upper
131 100
133 97.9 76.8 115.2
119 66.0 54.2 81.2

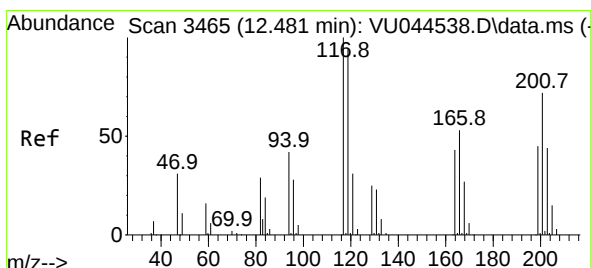
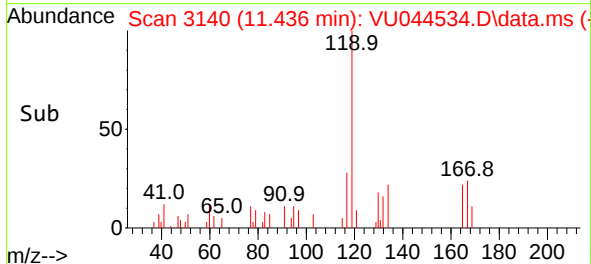
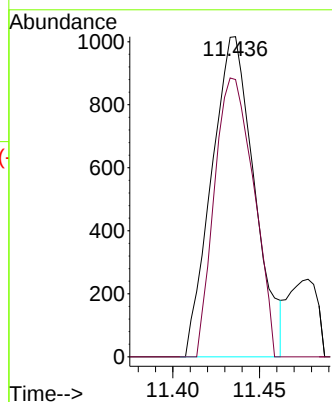
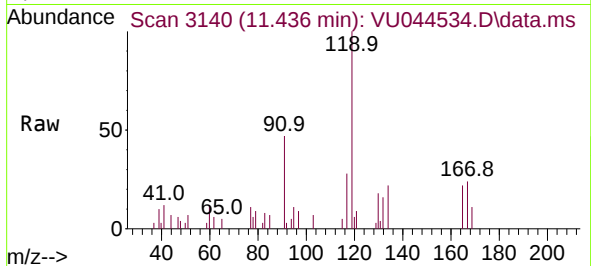




#61
Pentachloroethane
Concen: 0.383 ug/l
RT: 11.436 min Scan# 3140
Delta R.T. 0.003 min
Lab File: VU044534.D
Acq: 31 Aug 2021 17:12

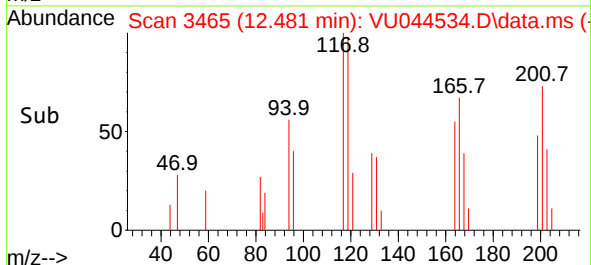
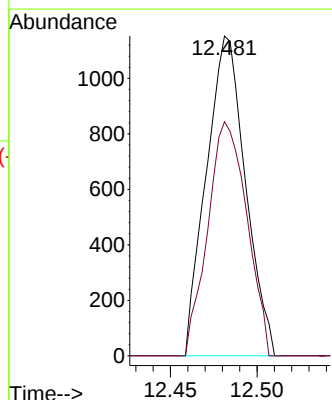
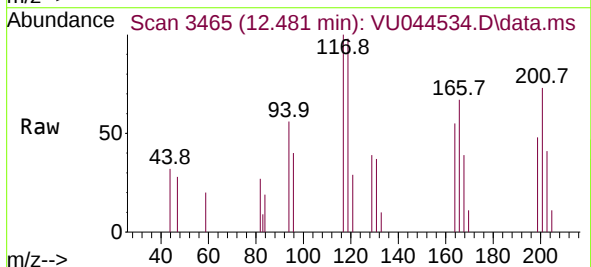
Instrument :
MSVOA_U
ClientSampleId :

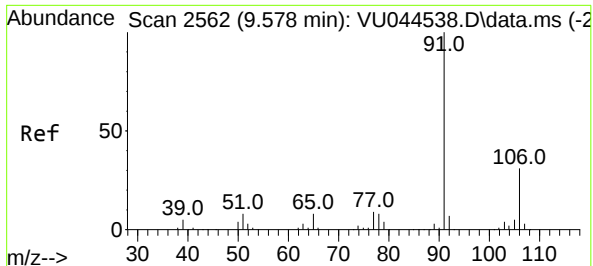
Tgt Ion:117 Resp: 1748
Ion Ratio Lower Upper
117 100
167 79.6 64.5 96.7



#62
Hexachloroethane
Concen: 0.382 ug/l
RT: 12.481 min Scan# 3465
Delta R.T. 0.000 min
Lab File: VU044534.D
Acq: 31 Aug 2021 17:12

Tgt Ion:117 Resp: 1808
Ion Ratio Lower Upper
117 100
201 73.2 58.6 87.8

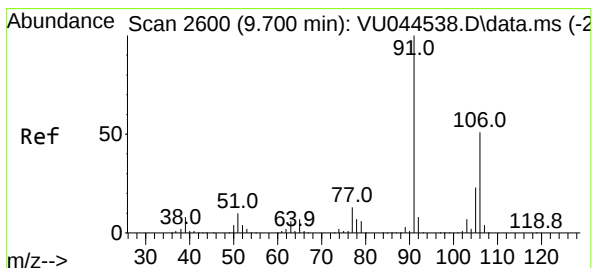
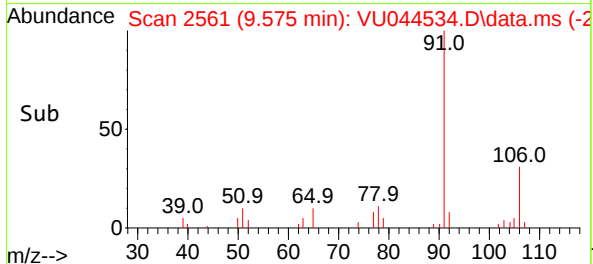
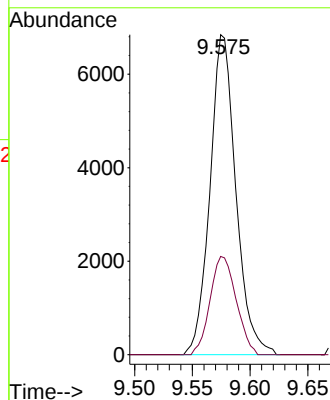
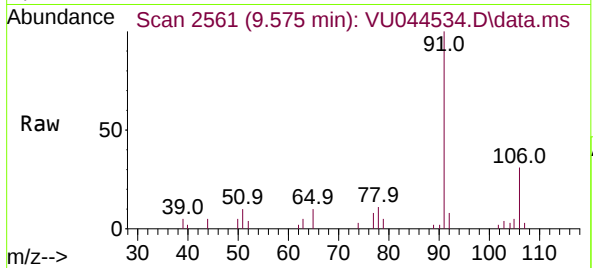




#63
Ethyl Benzene
Concen: 0.358 ug/l
RT: 9.575 min Scan# 2561
Delta R.T. -0.003 min
Lab File: VU044534.D
Acq: 31 Aug 2021 17:12

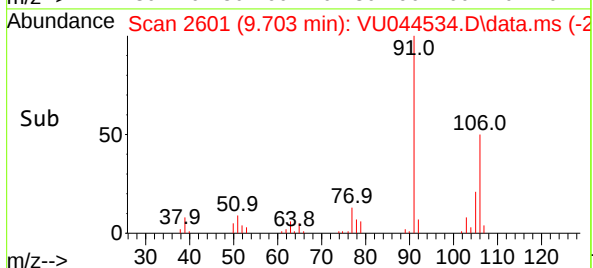
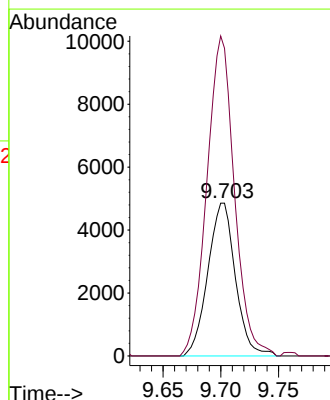
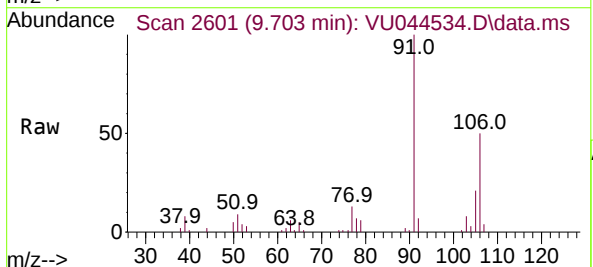
Instrument :
MSVOA_U
ClientSampleId :

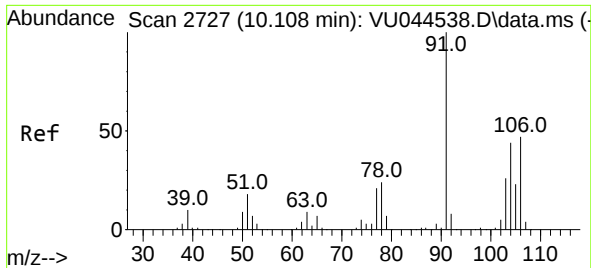
Tgt Ion: 91 Resp: 10684
Ion Ratio Lower Upper
91 100
106 30.7 25.0 37.4



#64
m/p-Xylenes
Concen: 0.700 ug/l
RT: 9.703 min Scan# 2601
Delta R.T. 0.003 min
Lab File: VU044534.D
Acq: 31 Aug 2021 17:12

Tgt Ion: 106 Resp: 8069
Ion Ratio Lower Upper
106 100
91 208.4 160.2 240.2

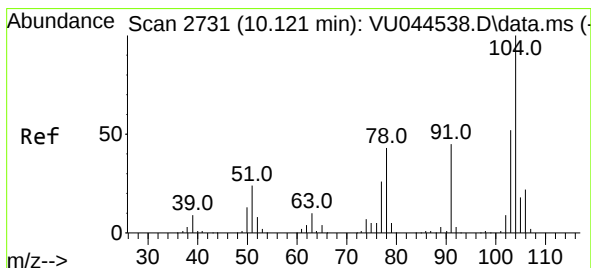
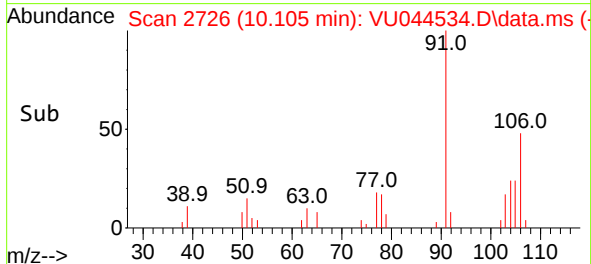
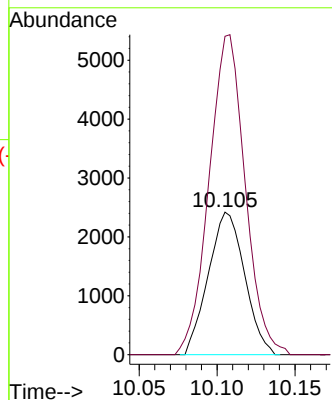
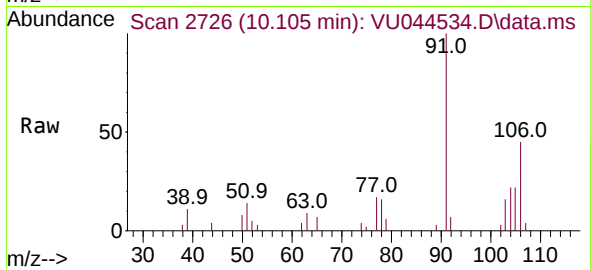




#65
o-Xylene
Concen: 0.353 ug/l
RT: 10.105 min Scan# 2726
Delta R.T. -0.003 min
Lab File: VU044534.D
Acq: 31 Aug 2021 17:12

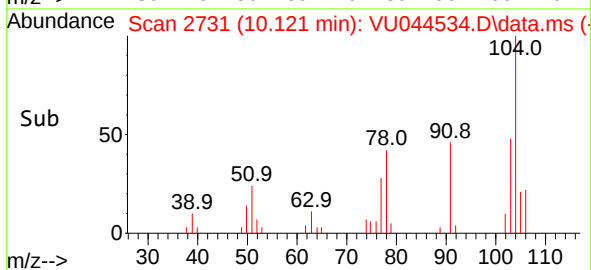
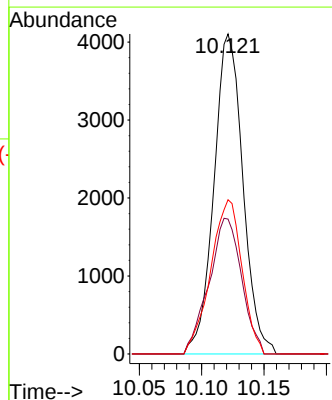
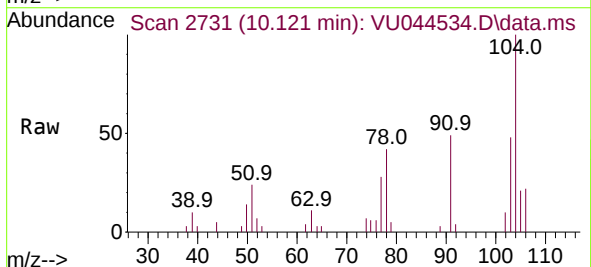
Instrument :
MSVOA_U
ClientSampled :

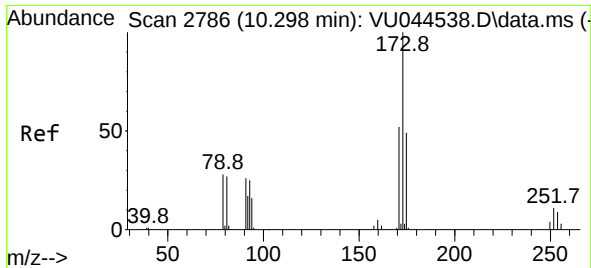
Tgt Ion:106 Resp: 3925
Ion Ratio Lower Upper
106 100
91 222.9 105.3 315.9



#66
Styrene
Concen: 0.347 ug/l
RT: 10.121 min Scan# 2731
Delta R.T. 0.000 min
Lab File: VU044534.D
Acq: 31 Aug 2021 17:12

Tgt Ion:104 Resp: 6656
Ion Ratio Lower Upper
104 100
78 47.7 38.2 57.4
103 52.0 44.2 66.4

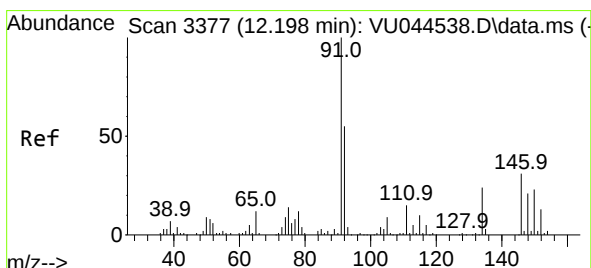
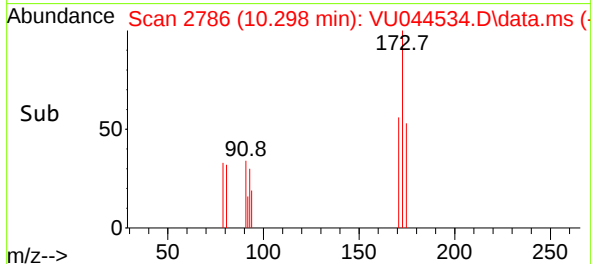
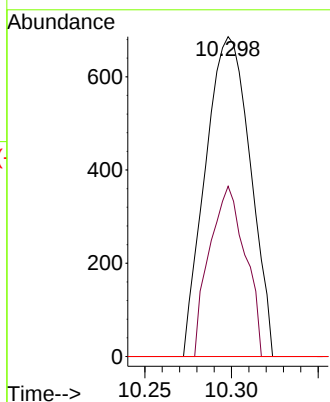
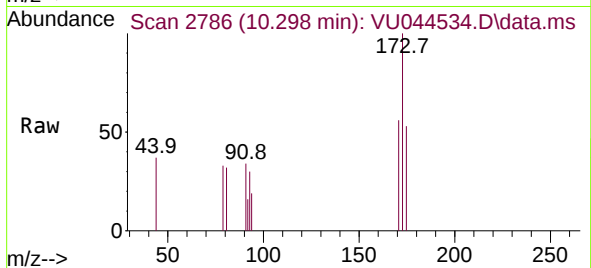




#67
Bromoform
Concen: 0.412 ug/l
RT: 10.298 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VU044534.D
Acq: 31 Aug 2021 17:12

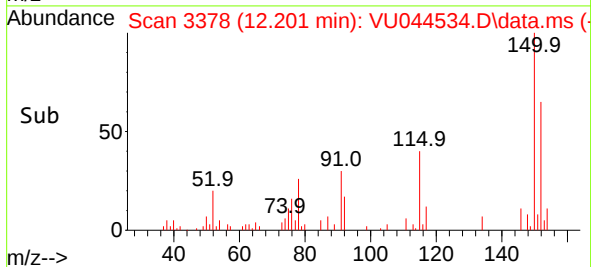
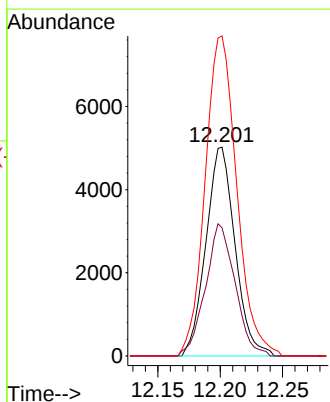
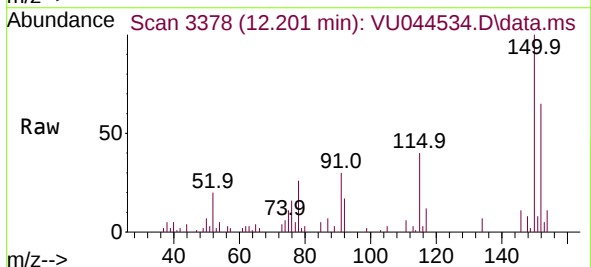
Instrument :
MSVOA_U
ClientSampled :

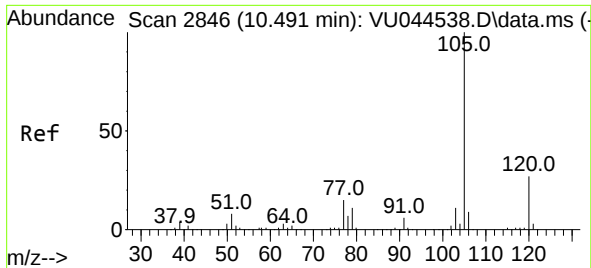
Tgt Ion	Ratio	Lower	Upper
173	100		
175	42.4	39.1	58.7
254	0.0	7.9	11.9#



#68
1,2-Dichlorobenzene-d4
Concen: 0.962 ug/l
RT: 12.201 min Scan# 3378
Delta R.T. 0.003 min
Lab File: VU044534.D
Acq: 31 Aug 2021 17:12

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.2	0.0	277.8
150	166.1	0.0	674.2

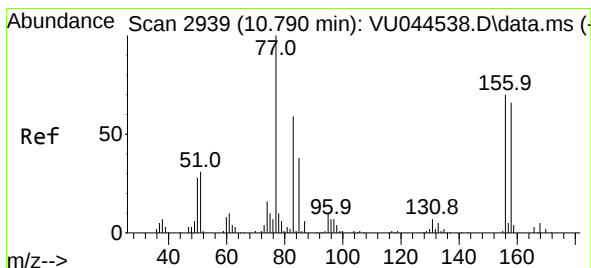
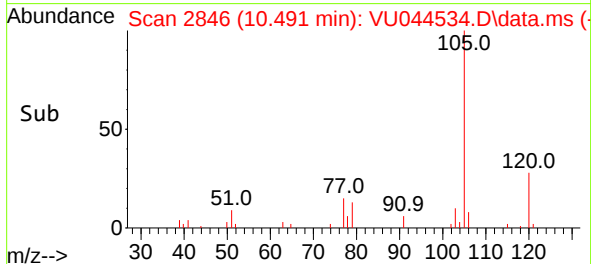
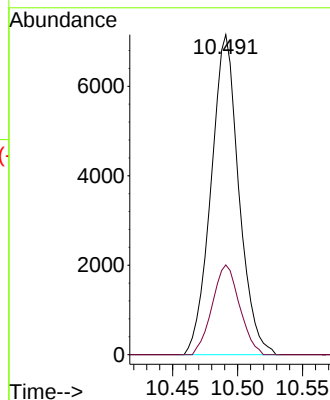
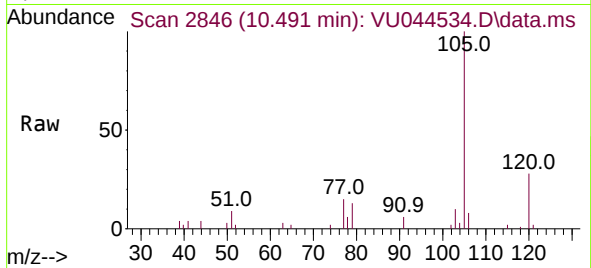




#69
Isopropylbenzene
Concen: 0.359 ug/l
RT: 10.491 min Scan# 2846
Delta R.T. 0.000 min
Lab File: VU044534.D
Acq: 31 Aug 2021 17:12

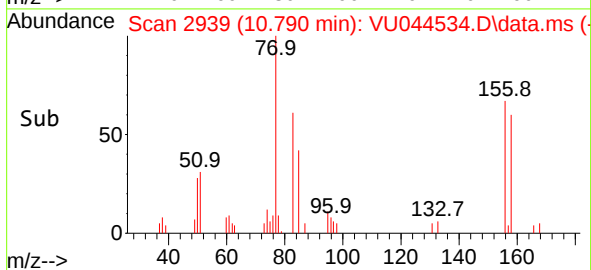
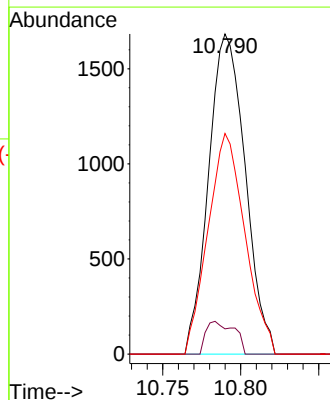
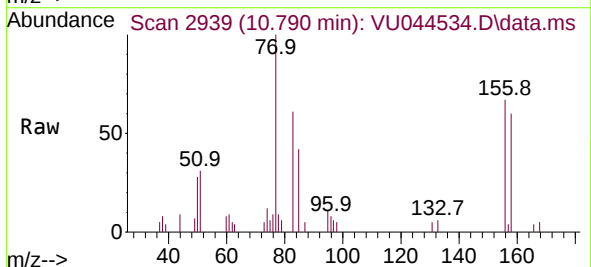
Instrument :
MSVOA_U
ClientSampled :

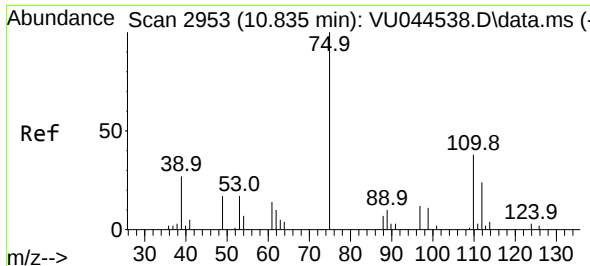
Tgt Ion:105 Resp: 10633
Ion Ratio Lower Upper
105 100
120 27.5 13.4 40.1



#70
1,1,2,2-Tetrachloroethane
Concen: 0.425 ug/l
RT: 10.790 min Scan# 2939
Delta R.T. 0.000 min
Lab File: VU044534.D
Acq: 31 Aug 2021 17:12

Tgt Ion: 83 Resp: 2750
Ion Ratio Lower Upper
83 100
131 7.8 8.0 12.0#
85 69.5 51.9 77.9

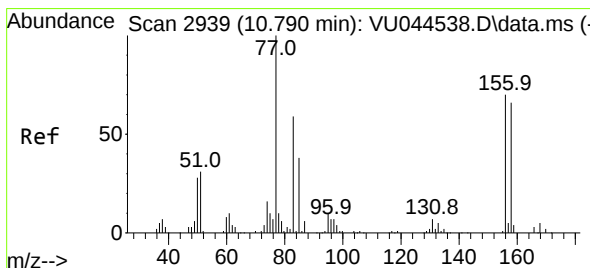
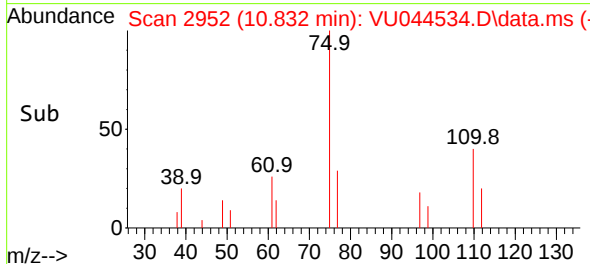
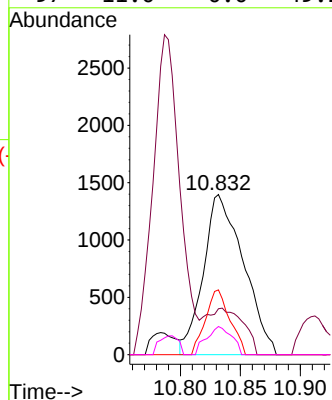
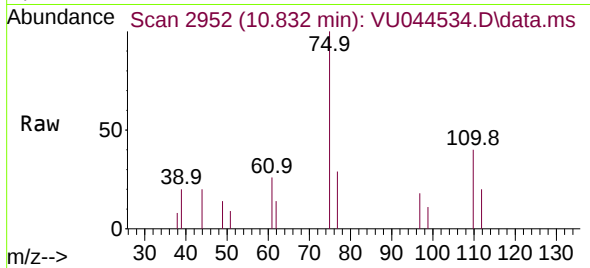




#71
1,2,3-Trichloropropane
Concen: 0.621 ug/l
RT: 10.832 min Scan# 2952
Delta R.T. -0.003 min
Lab File: VU044534.D
Acq: 31 Aug 2021 17:12

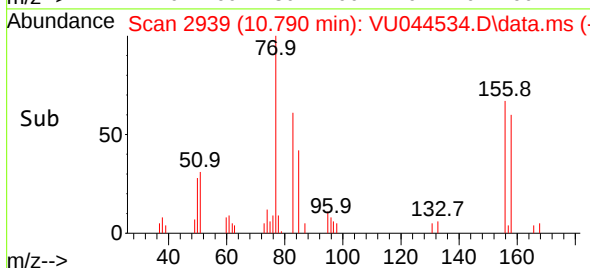
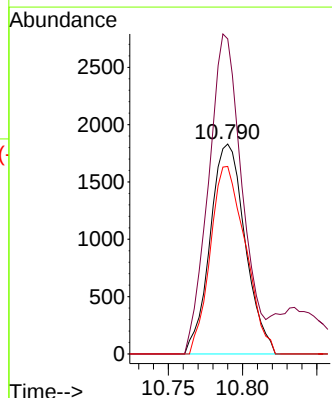
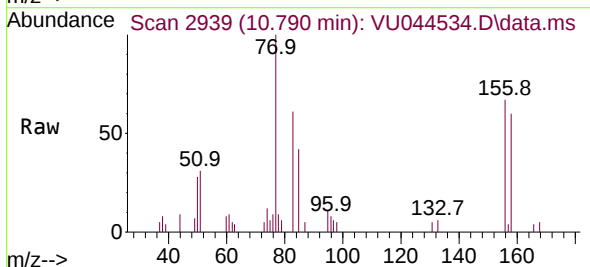
Instrument :
MSVOA_U
ClientSampled :

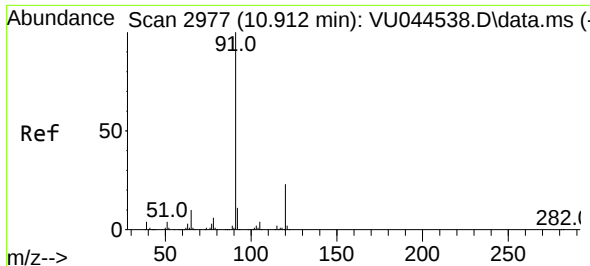
Tgt Ion:	75	Resp:	3246
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	120.8
110	24.5	0.0	97.4
97	11.0	0.0	49.2



#72
Bromobenzene
Concen: 0.431 ug/l
RT: 10.790 min Scan# 2939
Delta R.T. 0.000 min
Lab File: VU044534.D
Acq: 31 Aug 2021 17:12

Tgt Ion:	156	Resp:	3003
Ion	Ratio	Lower	Upper
156	100		
77	146.2	0.0	293.2
158	89.6	0.0	194.0

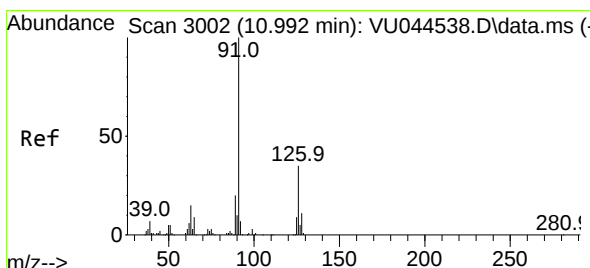
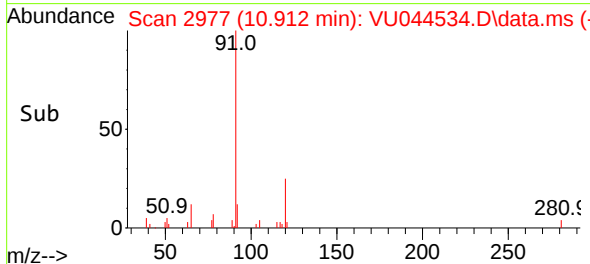
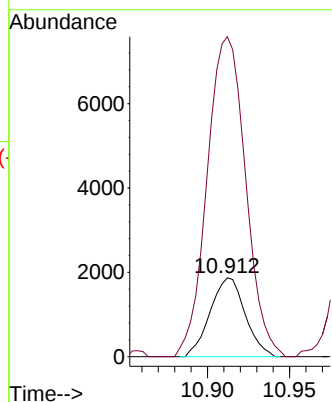
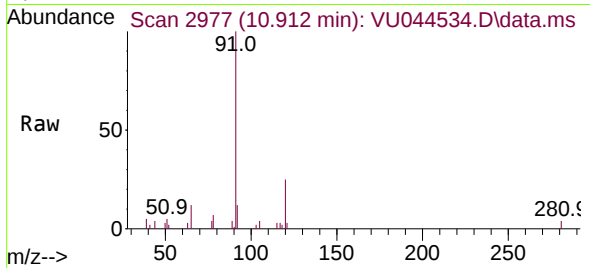




#73
n-propylbenzene
Concen: 0.344 ug/l
RT: 10.912 min Scan# 2977
Delta R.T. 0.000 min
Lab File: VU044534.D
Acq: 31 Aug 2021 17:12

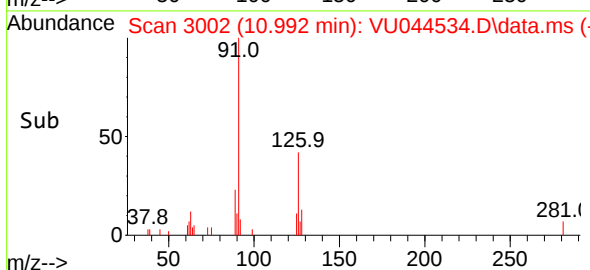
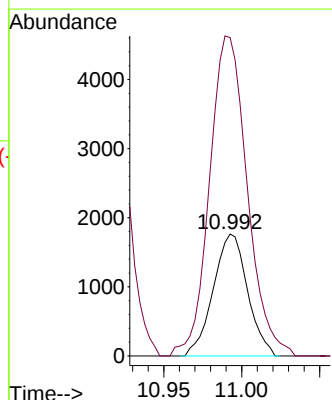
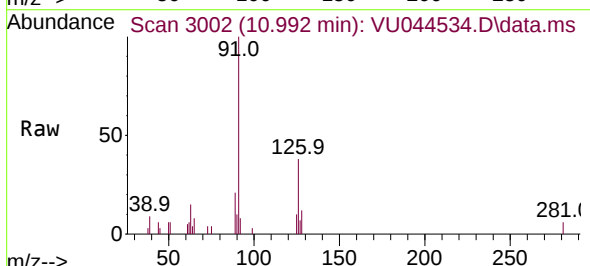
Instrument :
MSVOA_U
ClientSampled :

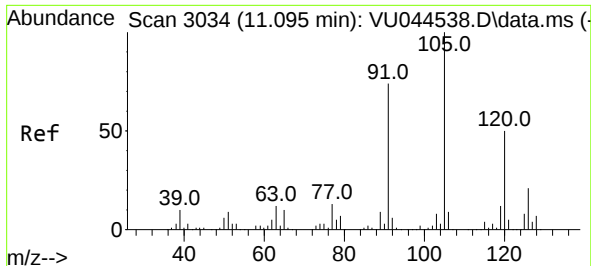
Tgt Ion:120 Resp: 2772
Ion Ratio Lower Upper
120 100
91 445.7 343.8 515.8



#74
2-Chlorotoluene
Concen: 0.387 ug/l
RT: 10.992 min Scan# 3002
Delta R.T. 0.000 min
Lab File: VU044534.D
Acq: 31 Aug 2021 17:12

Tgt Ion:126 Resp: 2692
Ion Ratio Lower Upper
126 100
91 289.0 0.0 564.8

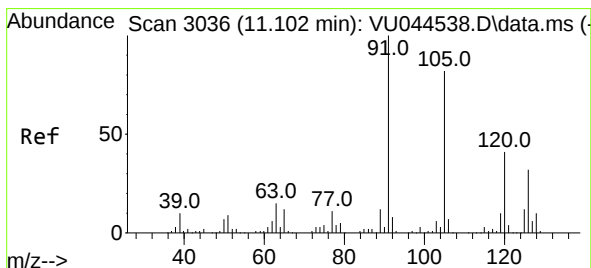
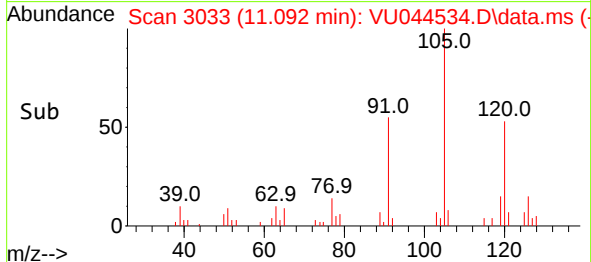
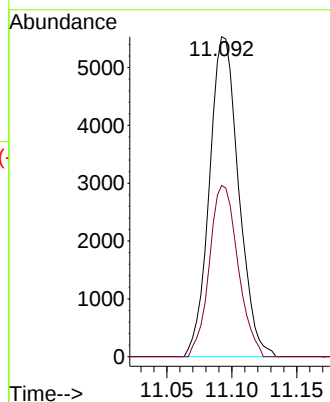
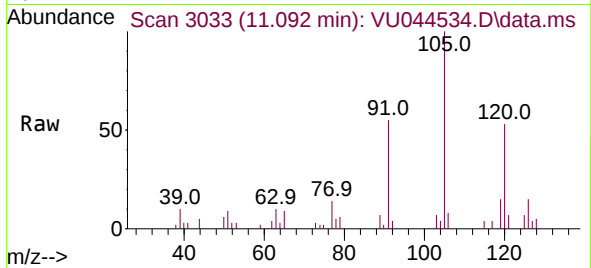




#75
1,3,5-Trimethylbenzene
Concen: 0.342 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. -0.003 min
Lab File: VU044534.D
Acq: 31 Aug 2021 17:12

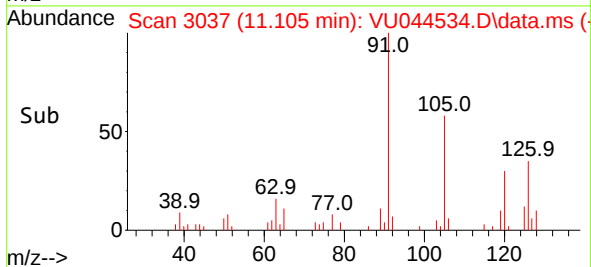
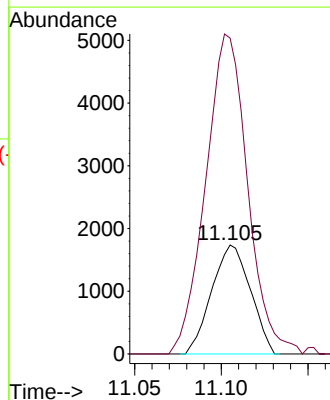
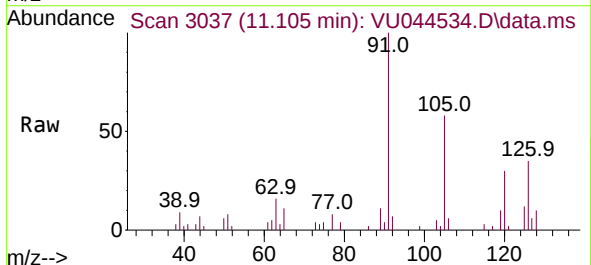
Instrument :
MSVOA_U
ClientSampled :

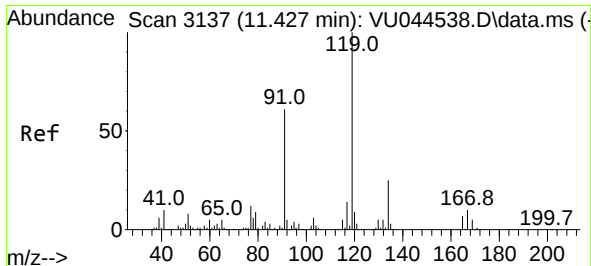
Tgt Ion:105 Resp: 8662
Ion Ratio Lower Upper
105 100
120 52.3 39.7 59.5



#76
4-Chlorotoluene
Concen: 0.369 ug/l
RT: 11.105 min Scan# 3037
Delta R.T. 0.003 min
Lab File: VU044534.D
Acq: 31 Aug 2021 17:12

Tgt Ion:126 Resp: 2699
Ion Ratio Lower Upper
126 100
91 318.6 0.0 644.6

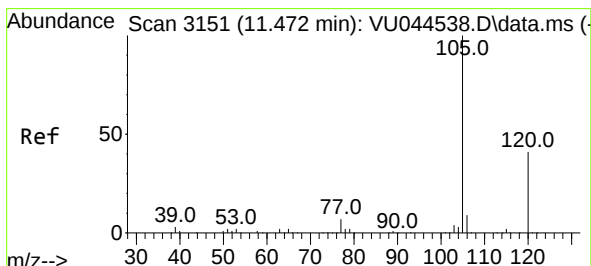
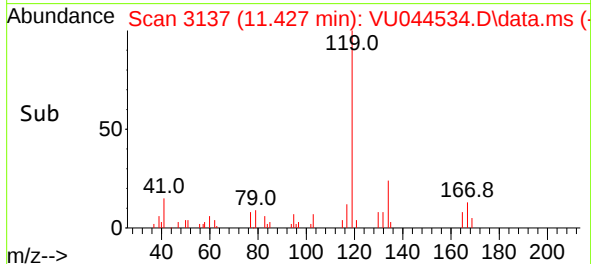
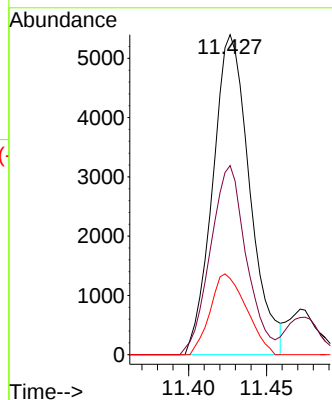
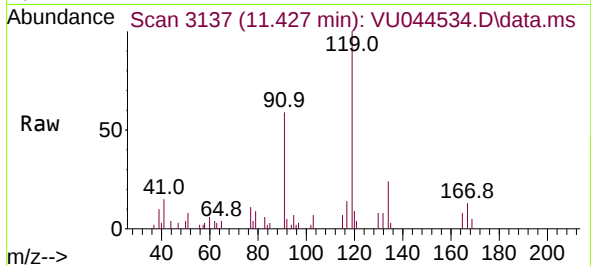




#77
tert-Butylbenzene
Concen: 0.359 ug/l
RT: 11.427 min Scan# 3137
Delta R.T. 0.000 min
Lab File: VU044534.D
Acq: 31 Aug 2021 17:12

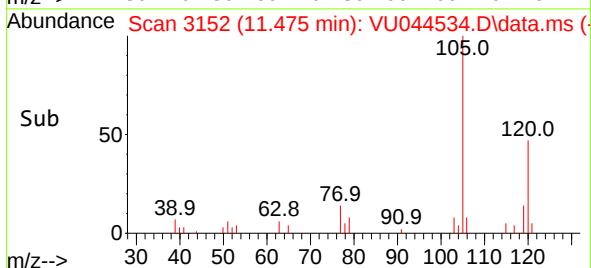
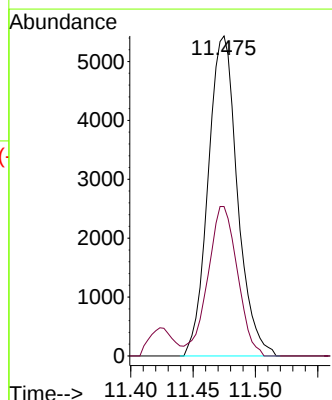
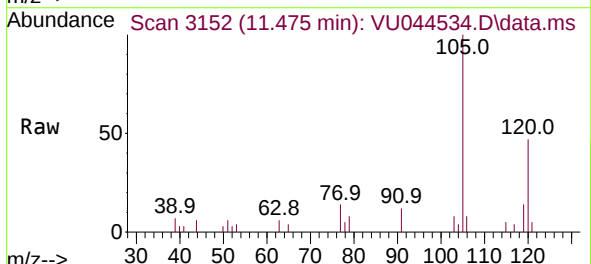
Instrument :
MSVOA_U
ClientSampled :

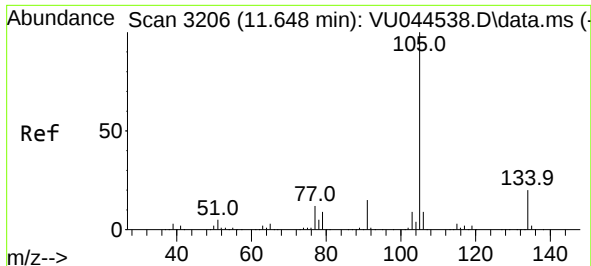
Tgt Ion:	119	Resp:	8908
Ion Ratio	Lower	Upper	
119	100		
91	57.6	28.6	85.9
134	24.6	19.0	28.6



#78
1,2,4-Trimethylbenzene
Concen: 0.347 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VU044534.D
Acq: 31 Aug 2021 17:12

Tgt Ion:	105	Resp:	8899
Ion Ratio	Lower	Upper	
105	100		
120	47.1	23.3	69.8

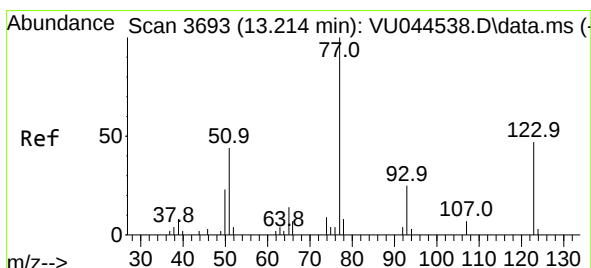
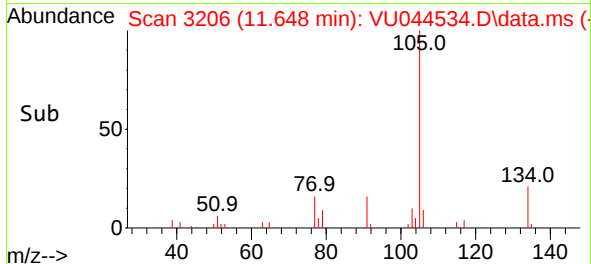
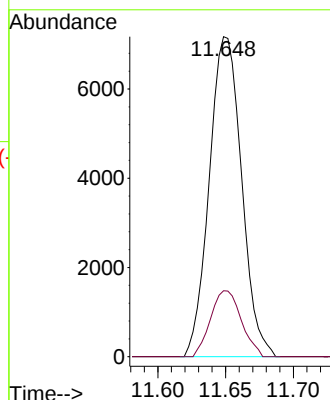
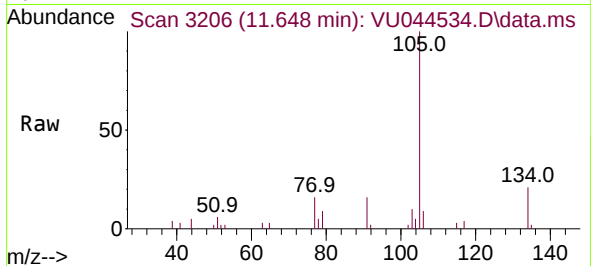




#79
 sec-Butylbenzene
 Concen: 0.352 ug/l
 RT: 11.648 min Scan# 3206
 Delta R.T. 0.000 min
 Lab File: VU044534.D
 Acq: 31 Aug 2021 17:12

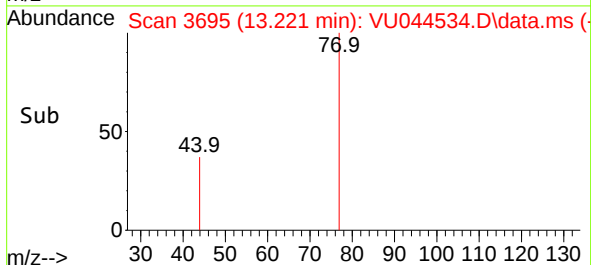
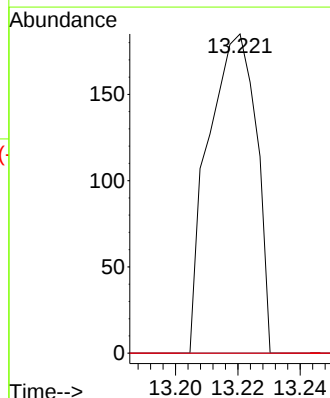
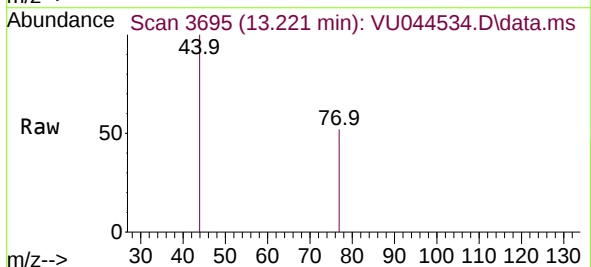
Instrument :
 MSVOA_U
 ClientSampled :

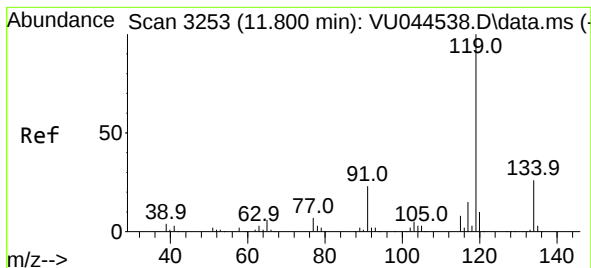
Tgt Ion:105 Resp: 11879
 Ion Ratio Lower Upper
 105 100
 134 19.6 16.1 24.1



#80
 Nitrobenzene
 Concen: 1.050 ug/l
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.006 min
 Lab File: VU044534.D
 Acq: 31 Aug 2021 17:12

Tgt Ion: 77 Resp: 197
 Ion Ratio Lower Upper
 77 100
 123 0.0 20.2 71.8#
 65 0.0 13.4 17.0#

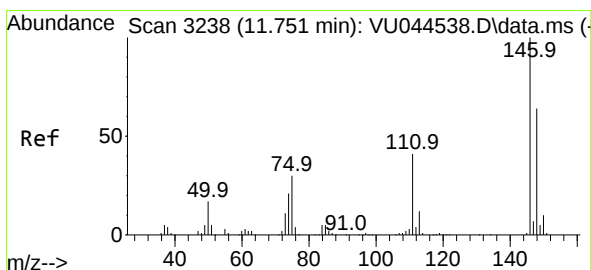
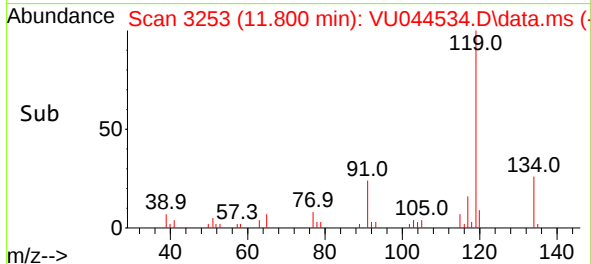
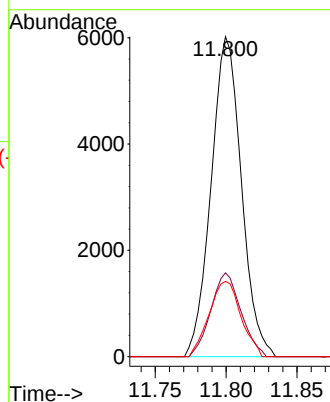
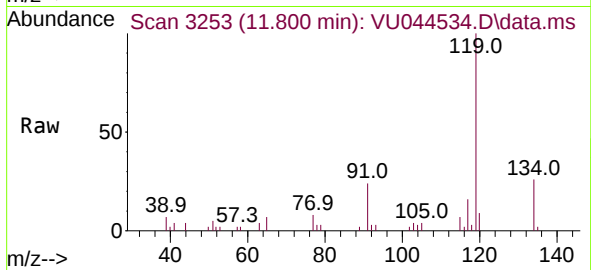




#81
p-Isopropyltoluene
Concen: 0.318 ug/l
RT: 11.800 min Scan# 3253
Delta R.T. 0.000 min
Lab File: VU044534.D
Acq: 31 Aug 2021 17:12

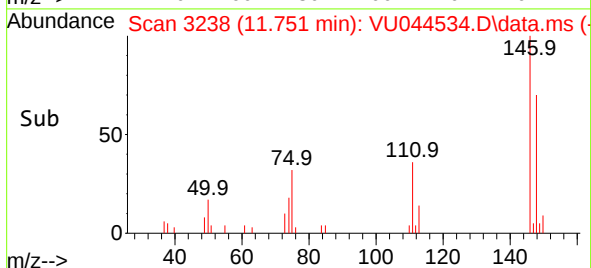
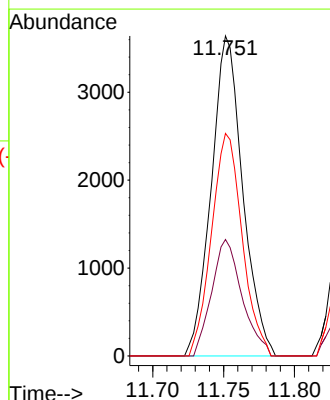
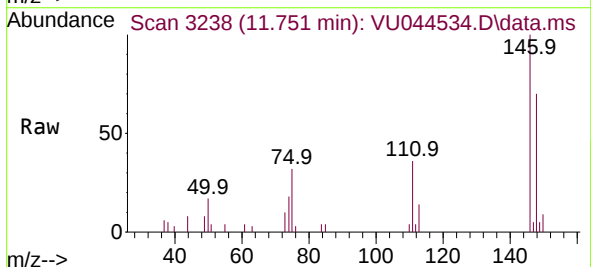
Instrument :
MSVOA_U
ClientSampleId :

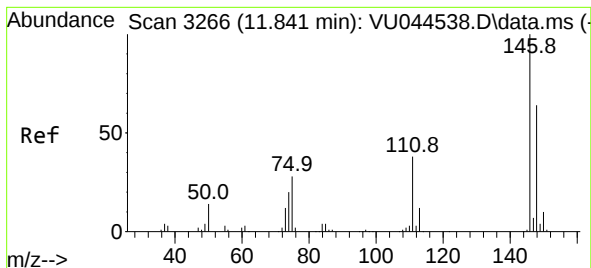
Tgt Ion:119 Resp: 8938
Ion Ratio Lower Upper
119 100
134 26.0 21.1 31.7
91 24.7 18.7 28.1



#82
1,3-Dichlorobenzene
Concen: 0.404 ug/l
RT: 11.751 min Scan# 3238
Delta R.T. 0.000 min
Lab File: VU044534.D
Acq: 31 Aug 2021 17:12

Tgt Ion:146 Resp: 5624
Ion Ratio Lower Upper
146 100
111 35.2 32.2 48.2
148 67.9 51.7 77.5





#83

1,4-Dichlorobenzene

Concen: 0.398 ug/l

RT: 11.845 min Scan# 3267

Delta R.T. 0.003 min

Lab File: VU044534.D

Acq: 31 Aug 2021 17:12

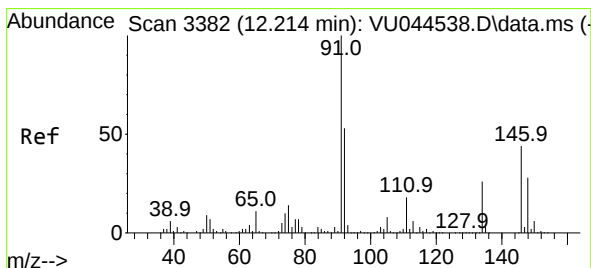
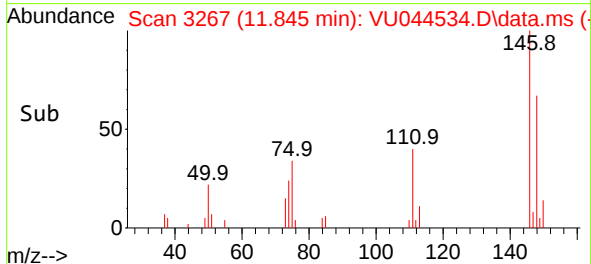
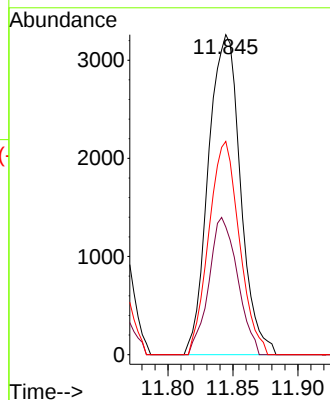
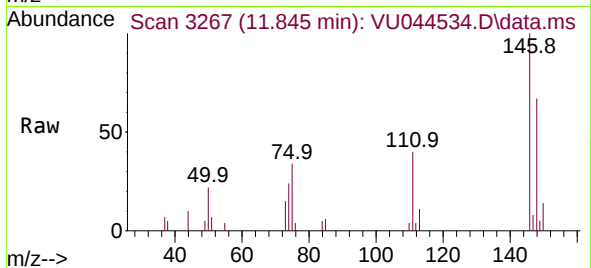
Tgt Ion:146 Resp: 5594

Ion Ratio Lower Upper

146 100

111 38.4 30.5 45.7

148 63.5 51.6 77.4



#84

n-Butylbenzene

Concen: 0.318 ug/l

RT: 12.218 min Scan# 3383

Delta R.T. 0.003 min

Lab File: VU044534.D

Acq: 31 Aug 2021 17:12

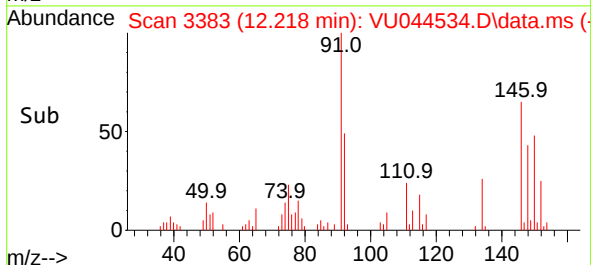
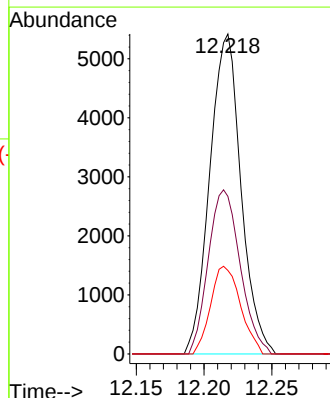
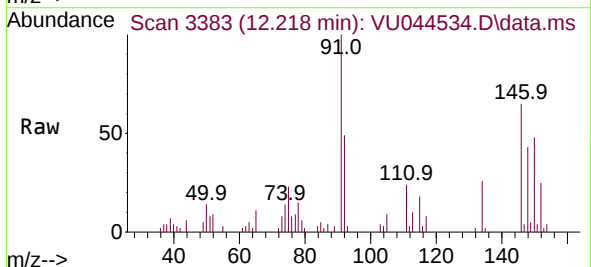
Tgt Ion: 91 Resp: 8674

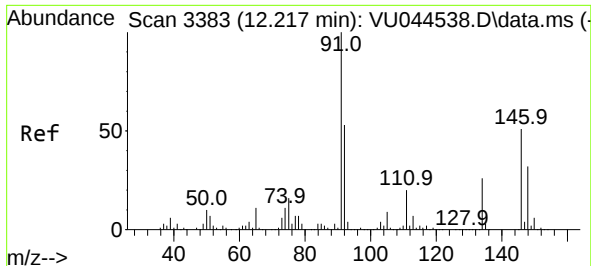
Ion Ratio Lower Upper

91 100

92 52.4 42.6 63.8

134 26.2 21.0 31.4

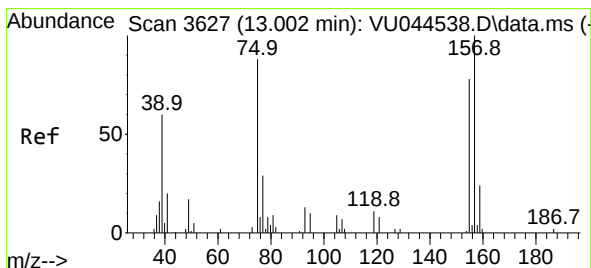
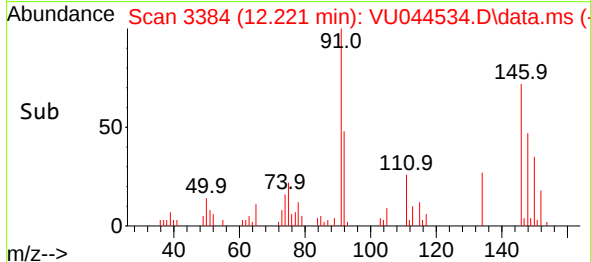
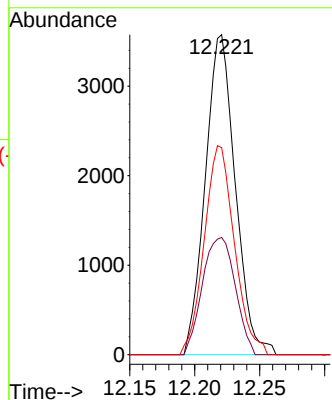
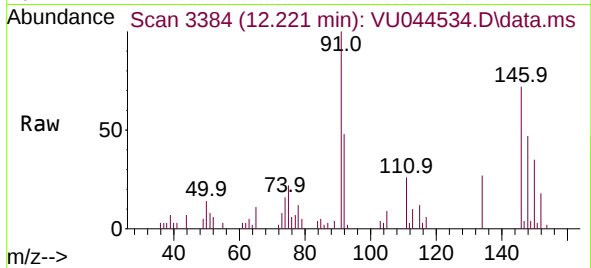




#85
1,2-Dichlorobenzene
Concen: 0.422 ug/l
RT: 12.221 min Scan# 3384
Delta R.T. 0.003 min
Lab File: VU044534.D
Acq: 31 Aug 2021 17:12

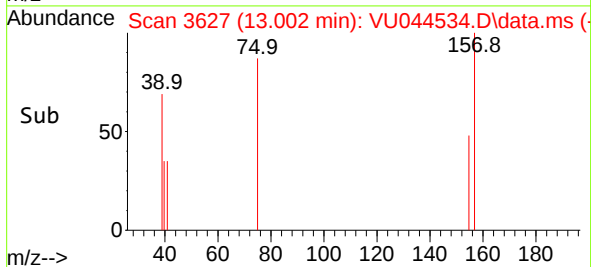
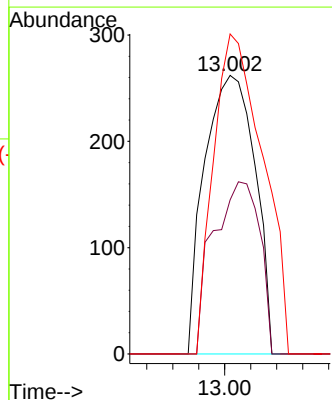
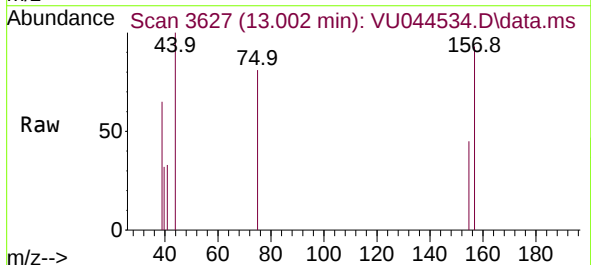
Instrument :
MSVOA_U
ClientSampled :

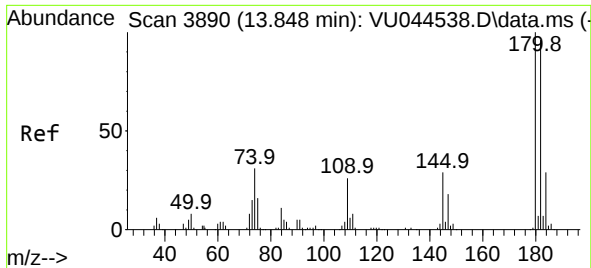
Tgt Ion:146 Resp: 5736
Ion Ratio Lower Upper
146 100
111 40.1 20.3 60.9
148 65.9 31.9 95.5



#86
1,2-Dibromo-3-Chloropropane
Concen: 0.318 ug/l
RT: 13.002 min Scan# 3627
Delta R.T. 0.000 min
Lab File: VU044534.D
Acq: 31 Aug 2021 17:12

Tgt Ion: 75 Resp: 352
Ion Ratio Lower Upper
75 100
155 57.1 68.1 102.1#
157 112.8 89.0 133.4

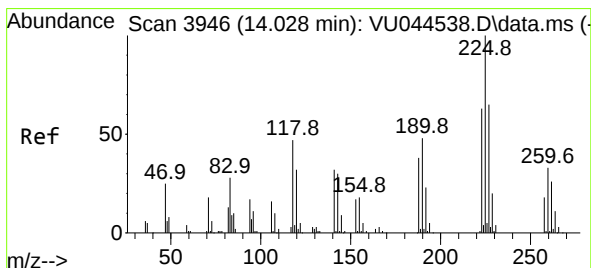
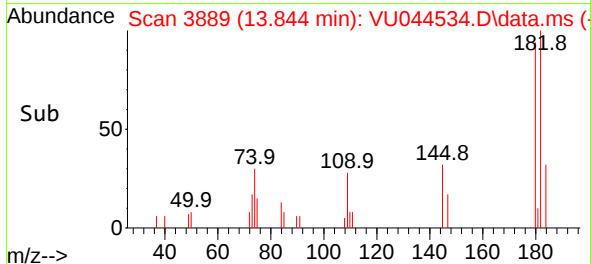
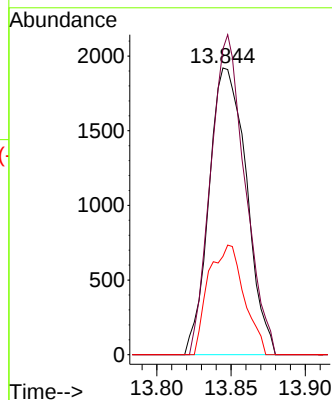
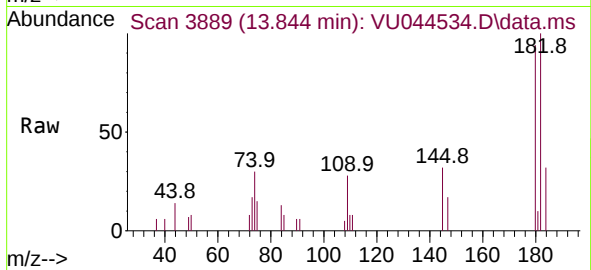




#87
1,2,4-Trichlorobenzene
Concen: 0.359 ug/l
RT: 13.844 min Scan# 3889
Delta R.T. -0.003 min
Lab File: VU044534.D
Acq: 31 Aug 2021 17:12

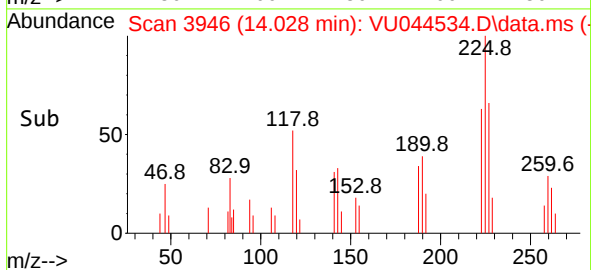
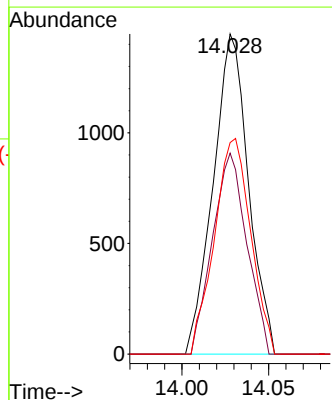
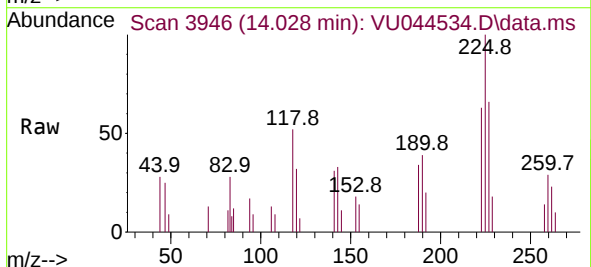
Instrument :
MSVOA_U
ClientSampleId :

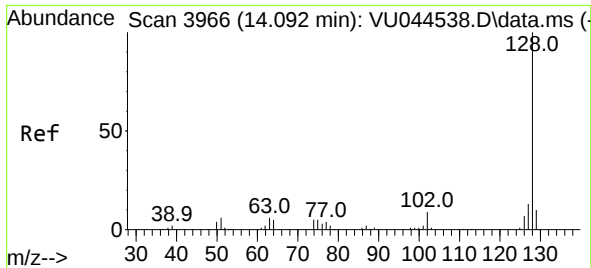
Tgt Ion:180 Resp: 3365
Ion Ratio Lower Upper
180 100
182 102.1 77.1 115.7
145 36.4 23.7 35.5#



#88
Hexachlorobutadiene
Concen: 0.444 ug/l
RT: 14.028 min Scan# 3946
Delta R.T. 0.000 min
Lab File: VU044534.D
Acq: 31 Aug 2021 17:12

Tgt Ion:225 Resp: 2049
Ion Ratio Lower Upper
225 100
223 61.2 50.4 75.6
227 69.4 51.4 77.2

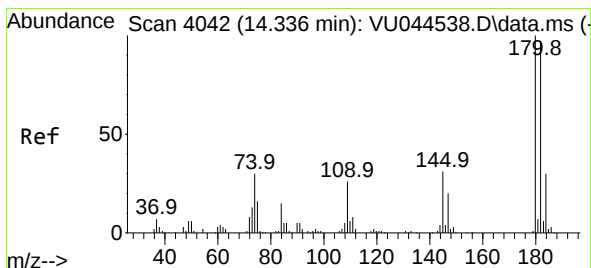
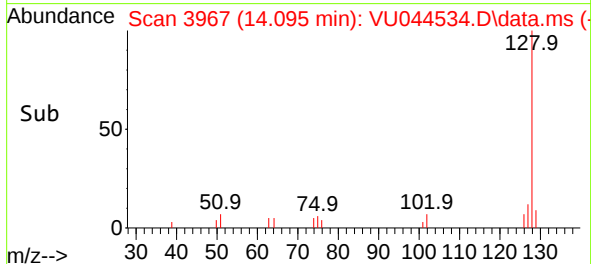
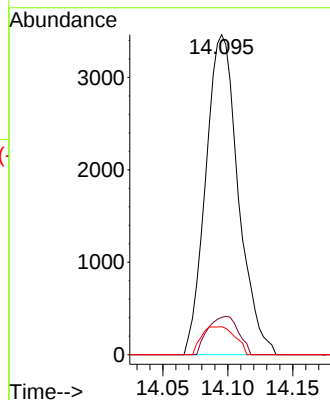
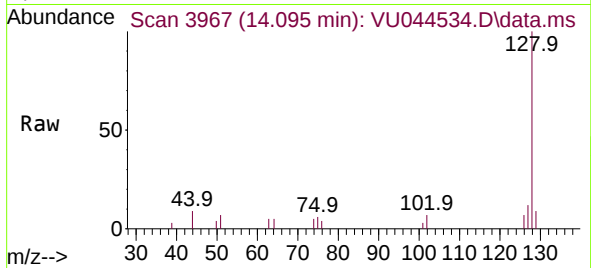




#89
Naphthalene
Concen: 0.324 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VU044534.D
Acq: 31 Aug 2021 17:12

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 6033
Ion Ratio Lower Upper
128 100
127 11.2 10.7 16.1
129 8.9 8.8 13.2



#90
1,2,3-Trichlorobenzene
Concen: 0.410 ug/l
RT: 14.336 min Scan# 4042
Delta R.T. 0.000 min
Lab File: VU044534.D
Acq: 31 Aug 2021 17:12

Tgt Ion:180 Resp: 3530
Ion Ratio Lower Upper
180 100
182 89.5 77.0 115.6
145 28.7 25.2 37.8

