

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101321\
 Data File : VU045309.D
 Acq On : 13 Oct 2021 15:38
 Operator : SY/MD
 Sample : M4068-08 0.5PPB
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT4-2021

Manual Integrations
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Quant Time: Oct 14 05:52:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101321DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Oct 14 05:46:27 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.121	96	40299	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.639	95	14268	0.964	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.000%	
68) 1,2-Dichlorobenzene-d4	12.198	152	13585	0.980	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	6751	0.438	ug/l	100
3) Chloromethane	1.520	50	7977	0.497	ug/l	96
4) Vinyl Chloride	1.604	62	7494	0.450	ug/l	96
5) Bromomethane	1.861	94	4965	0.544	ug/l	97
6) Chloroethane	1.938	64	5328m	0.494	ug/l	
7) Trichlorofluoromethane	2.141	101	8699	0.449	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.584	101	4953	0.442	ug/l	97
9) 1,1-Dichloroethene	2.581	96	4652	0.444	ug/l	94
10) Iodomethane	2.726	142	3788	0.345	ug/l	99
11) Allyl Chloride	2.932	41	6368	0.414	ug/l	95
12) Acrylonitrile	3.333	53	2077m	0.777	ug/l	
13) Acetone	2.649	43	8769m	2.751	ug/l	
14) Carbon Disulfide	2.797	76	14501	0.454	ug/l	99
15) Methylene Chloride	3.054	84	11136	0.878	ug/l	96
16) trans-1,2-Dichloroethene	3.359	96	4877	0.433	ug/l	93
17) 1,1-Dichloroethane	3.877	63	9546	0.452	ug/l	99
18) 2-Butanone	4.729	43	9318	2.299	ug/l	99
19) Cyclohexane	5.394	56	8054m	0.412	ug/l	
20) Methylcyclohexane	6.767	83	7656	0.394	ug/l	98
21) 2,2-Dichloropropane	4.671	77	7928	0.441	ug/l	96
22) cis-1,2-Dichloroethene	4.674	96	5527	0.446	ug/l	99
23) Diethyl Ether	2.382	59	4299	0.434	ug/l	89
24) tert-Butyl Alcohol	3.211	59	3479m	4.474	ug/l	
25) Methyl tert-Butyl Ether	3.375	73	12448	0.425	ug/l	97
26) Bromochloromethane	4.983	128	2247	0.425	ug/l	90
27) Chloroform	5.095	83	10186	0.471	ug/l	98
28) 1,1,1-Trichloroethane	5.324	97	7780	0.439	ug/l	98
29) 1,1-Dichloropropene	5.530	75	6842	0.422	ug/l	98
30) Carbon Tetrachloride	5.533	117	5517	0.402	ug/l	95
31) Isopropyl Ether	4.005	45	14660	0.438	ug/l	98
32) Ethyl-t-butyl ether	4.513	59	14596	0.433	ug/l	97
33) Tert-Amyl methyl ether	5.948	73	12785	0.428	ug/l	97
34) Propionitrile	4.809	54	2055m	2.037	ug/l	
35) Benzene	5.780	78	20683	0.442	ug/l	95
36) 1,2-Dichloroethane	5.803	62	6553	0.438	ug/l	95
37) Trichloroethene	6.549	130	5020	0.441	ug/l	94
38) 1,2-Dichloropropane	6.800	63	5144	0.423	ug/l	98
39) Methacrylonitrile	4.993	41	1823	0.456	ug/l	# 84
40) Methyl acrylate	4.858	55	2824m	0.424	ug/l	
41) Tetrahydrofuran	5.073	42	1608	0.704	ug/l	93
42) 1-Chlorobutane	5.465	56	10194	0.438	ug/l	99
43) Dibromomethane	6.928	93	2513	0.417	ug/l	96
44) Bromodichloromethane	7.111	83	6513	0.433	ug/l	# 94

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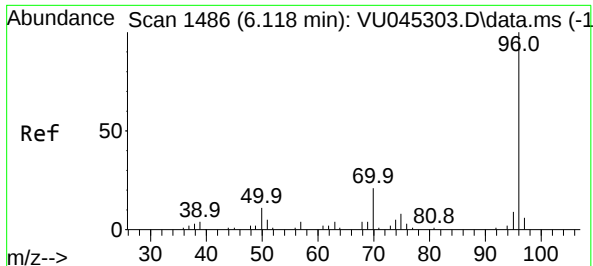
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.803	43	18189	2.210	ug/l	96
46) t-1,4-Dichloro-2-butene	10.838	75	2494m	0.860	ug/l	
47) Methyl methacrylate	6.970	69	5187	0.848	ug/l	97
48) Ethyl methacrylate	8.343	69	4938	0.409	ug/l	99
49) Toluene	7.976	92	12411	0.431	ug/l	93
50) t-1,3-Dichloropropene	8.218	75	6148	0.418	ug/l	90
51) cis-1,3-Dichloropropene	7.613	75	7374	0.429	ug/l	98
52) 1,1,2-Trichloroethane	8.407	97	3886	0.447	ug/l	97
53) 1,3-Dichloropropane	8.584	76	7661	0.473	ug/l	91
54) 2-Hexanone	8.697	43	14743	2.318	ug/l	98
55) Dibromochloromethane	8.816	129	3856	0.422	ug/l	98
56) 1,2-Dibromoethane	8.931	107	3674	0.449	ug/l	95
58) Tetrachloroethene	8.558	164	4462	0.435	ug/l	96
59) Chlorobenzene	9.452	112	13479	0.452	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.539	131	4418	0.445	ug/l	95
61) Pentachloroethane	11.436	117	3116	0.431	ug/l	94
62) Hexachloroethane	12.478	117	2968	0.391	ug/l	99
63) Ethyl Benzene	9.574	91	21903	0.408	ug/l	99
64) m/p-Xylenes	9.700	106	15935	0.783	ug/l	98
65) o-Xylene	10.105	106	8366	0.421	ug/l	95
66) Styrene	10.121	104	12658	0.389	ug/l	100
67) Bromoform	10.295	173	1908	0.399	ug/l #	91
69) Isopropylbenzene	10.491	105	21216	0.406	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.787	83	4868	0.436	ug/l	94
71) 1,2,3-Trichloropropane	10.832	75	4577m	0.497	ug/l	
72) Bromobenzene	10.787	156	5151	0.447	ug/l	96
73) n-propylbenzene	10.912	120	5196	0.380	ug/l	85
74) 2-Chlorotoluene	10.992	126	4917	0.417	ug/l	94
75) 1,3,5-Trimethylbenzene	11.092	105	16948	0.389	ug/l	99
76) 4-Chlorotoluene	11.105	126	4999	0.415	ug/l	100
77) tert-Butylbenzene	11.426	119	17171	0.406	ug/l	98
78) 1,2,4-Trimethylbenzene	11.475	105	17454	0.392	ug/l	98
79) sec-Butylbenzene	11.648	105	23316	0.400	ug/l	100
80) Nitrobenzene	13.224	77	734	2.308	ug/l #	72
81) p-Isopropyltoluene	11.799	119	17788	0.380	ug/l	99
82) 1,3-Dichlorobenzene	11.751	146	10058	0.437	ug/l	97
83) 1,4-Dichlorobenzene	11.841	146	10529	0.462	ug/l	97
84) n-Butylbenzene	12.214	91	16700	0.375	ug/l	99
85) 1,2-Dichlorobenzene	12.217	146	9611	0.439	ug/l	96
86) 1,2-Dibromo-3-Chloropr...	13.002	75	818	0.441	ug/l	94
87) 1,2,4-Trichlorobenzene	13.844	180	5754	0.427	ug/l	98
88) Hexachlorobutadiene	14.028	225	2458	0.390	ug/l	96
89) Naphthalene	14.092	128	12765	0.482	ug/l	98
90) 1,2,3-Trichlorobenzene	14.336	180	5536	0.442	ug/l	97

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



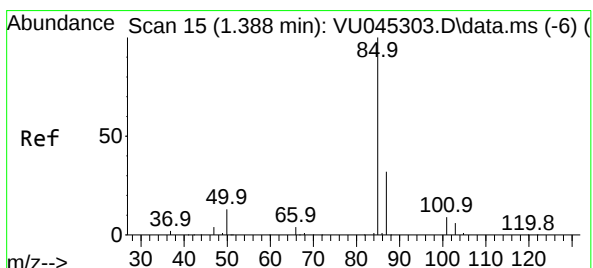
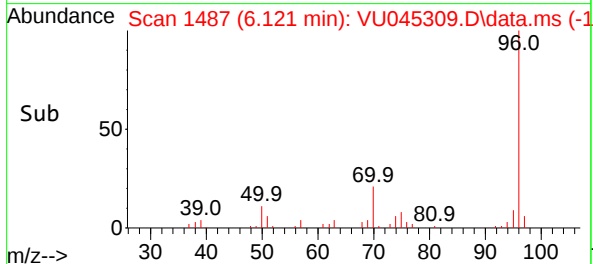
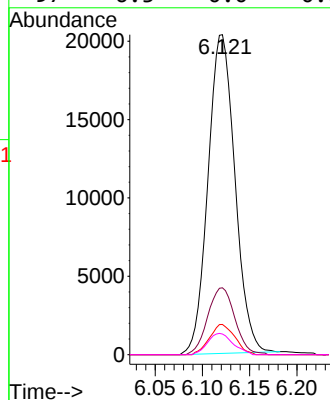
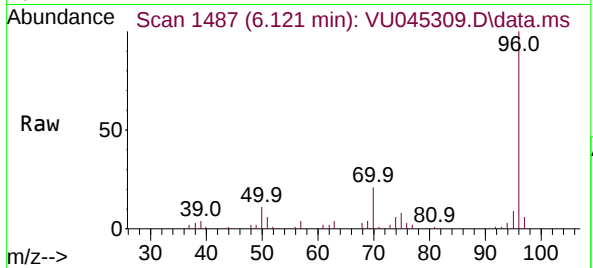
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Fluorobenzene
Concen: 1.000 ug/l
RT: 6.121 min Scan# 1487
Delta R.T. 0.003 min
Lab File: VU045309.D
Acq: 13 Oct 2021 15:38

Tgt Ion:	96	Resp:	40299
Ion	Ratio	Lower	Upper
96	100		
70	21.1	16.8	25.2
95	8.9	7.3	10.9
97	6.3	0.0	0.0#

Instrument :
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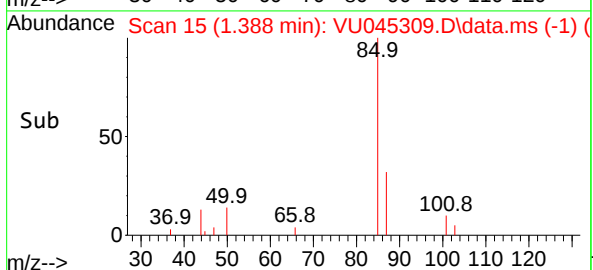
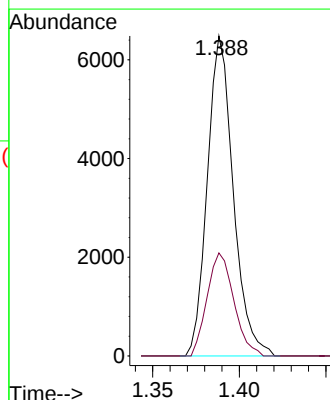
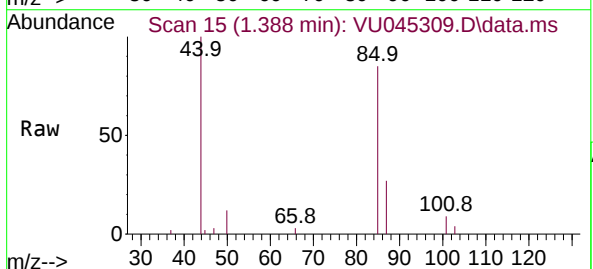
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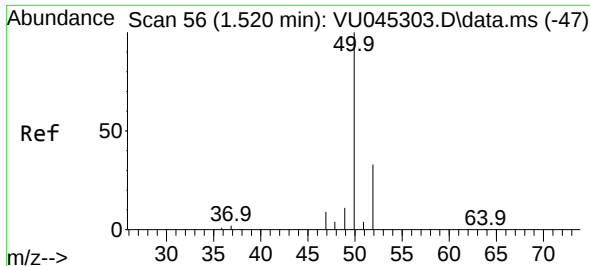
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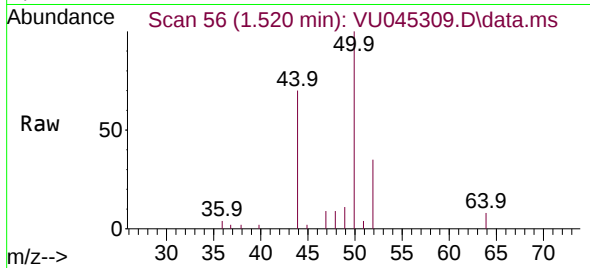
#2
Dichlorodifluoromethane
Concen: 0.438 ug/l
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU045309.D
Acq: 13 Oct 2021 15:38

Tgt Ion:	85	Resp:	6751
Ion	Ratio	Lower	Upper
85	100		
87	32.2	16.2	48.6

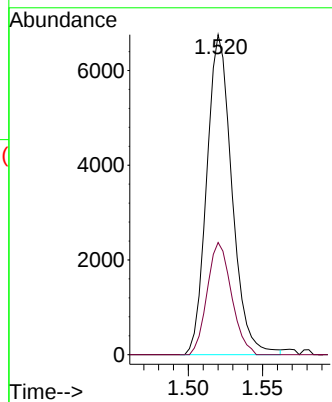
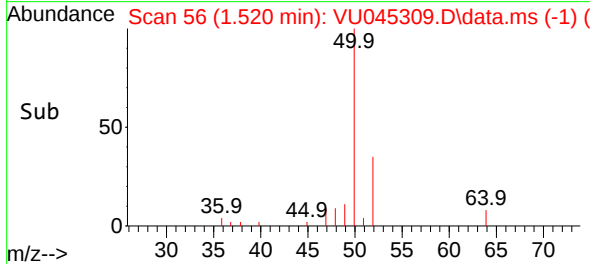




#3
Chloromethane
Concen: 0.497 ug/l
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU045309.D
Acq: 13 Oct 2021 15:38



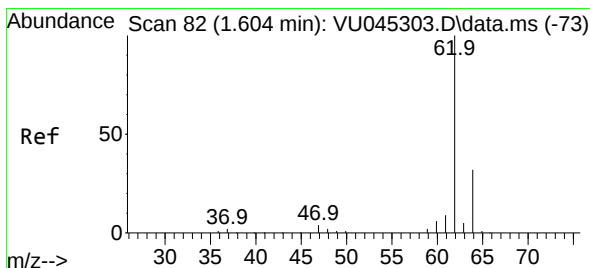
Tgt Ion: 50 Resp: 7977
Ion Ratio Lower Upper
50 100
52 35.0 26.2 39.4



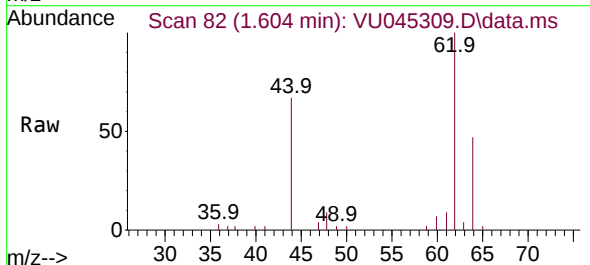
Instrument :
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ClientSampleId :
LOQ-WATER-02-QT4-2021

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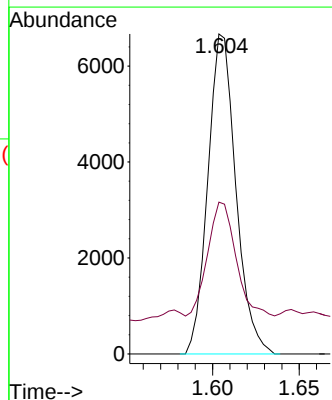
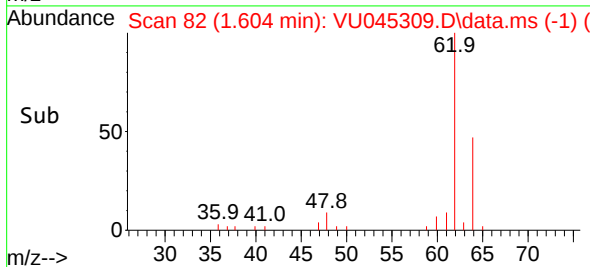
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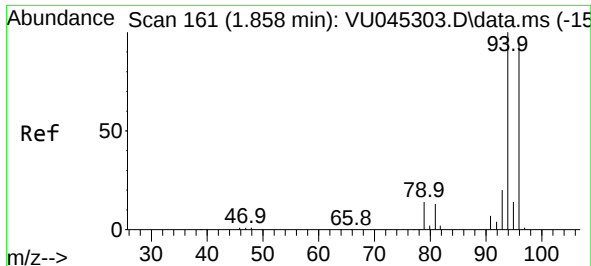


#4
Vinyl Chloride
Concen: 0.450 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU045309.D
Acq: 13 Oct 2021 15:38

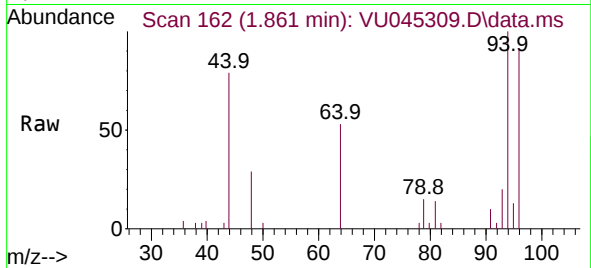


Tgt Ion: 62 Resp: 7494
Ion Ratio Lower Upper
62 100
64 34.9 26.0 39.0

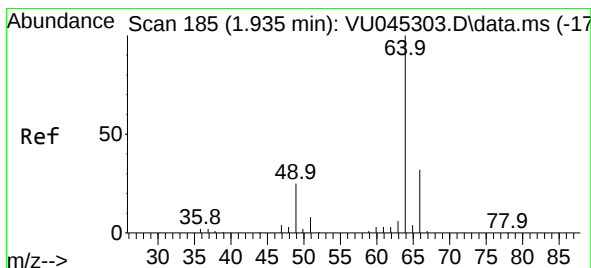
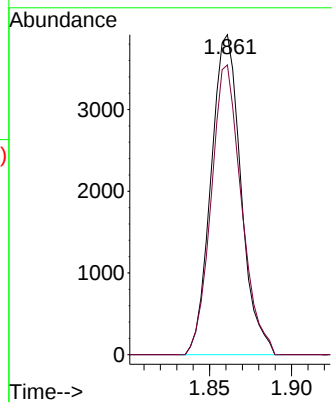
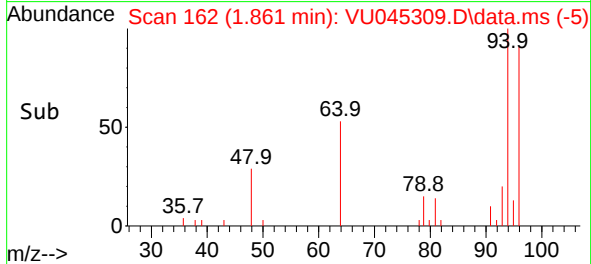




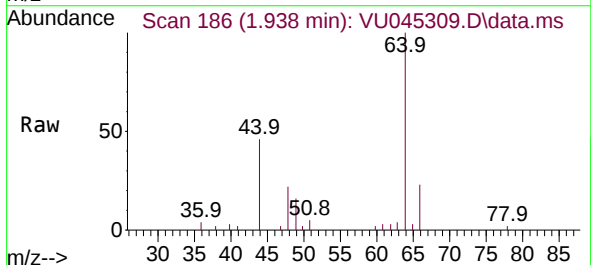
#5
Bromomethane
Concen: 0.544 ug/l
RT: 1.861 min Scan# 162
Delta R.T. 0.003 min
Lab File: VU045309.D
Acq: 13 Oct 2021 15:38



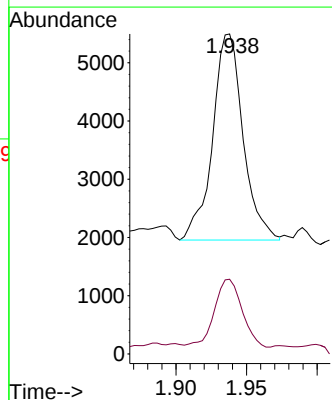
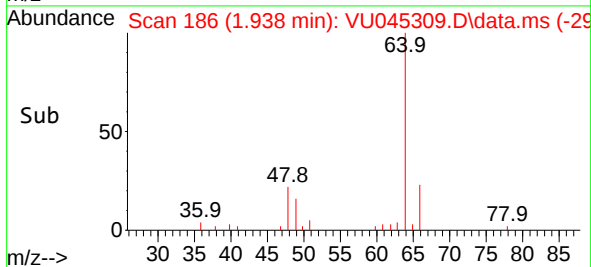
Tgt Ion: 94 Resp: 4965
Ion Ratio Lower Upper
94 100
96 90.6 75.0 112.4



#6
Chloroethane
Concen: 0.494 ug/l m
RT: 1.938 min Scan# 186
Delta R.T. 0.003 min
Lab File: VU045309.D
Acq: 13 Oct 2021 15:38



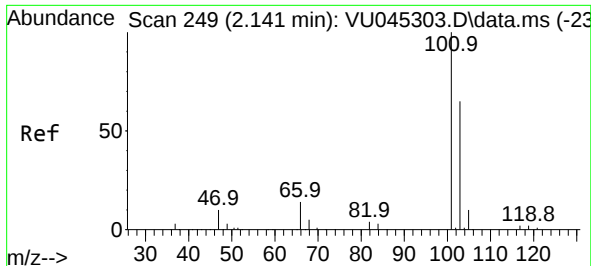
Tgt Ion: 64 Resp: 5328
Ion Ratio Lower Upper
64 100
66 23.3 25.8 38.8#



Instrument :
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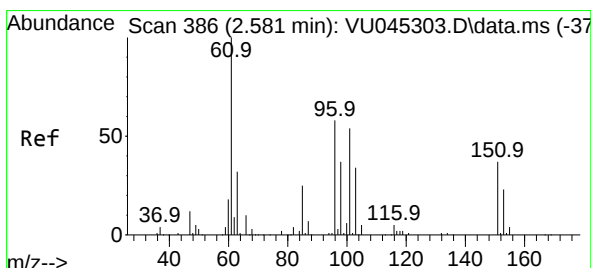
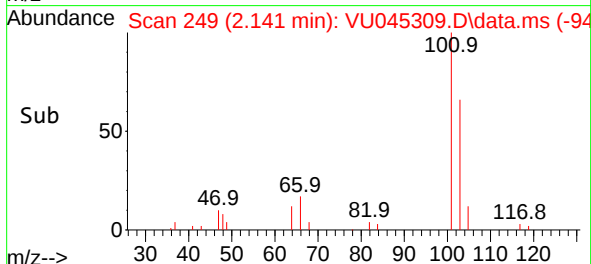
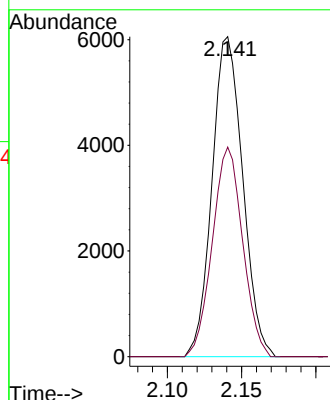
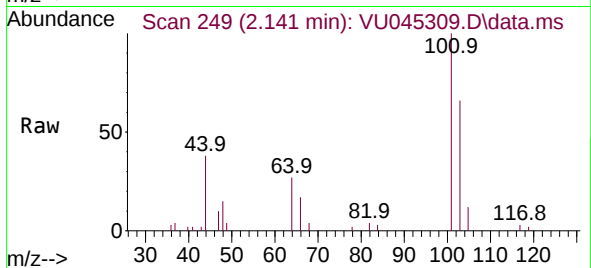
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 Trichlorofluoromethane
 Concen: 0.449 ug/l
 RT: 2.141 min Scan# 249
 Delta R.T. -0.000 min
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Tgt Ion:101 Resp: 8699
 Ion Ratio Lower Upper
 101 100
 103 65.5 52.2 78.2

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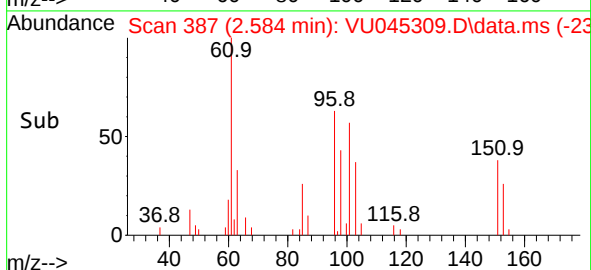
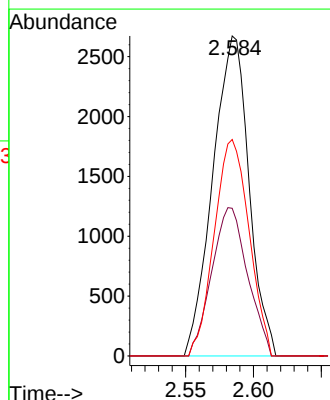
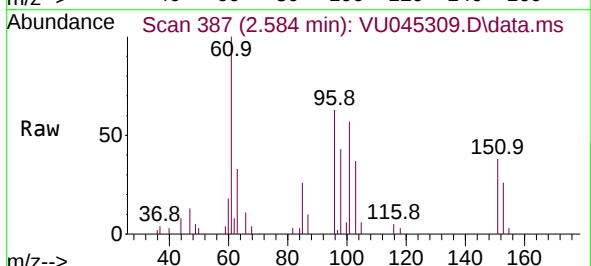
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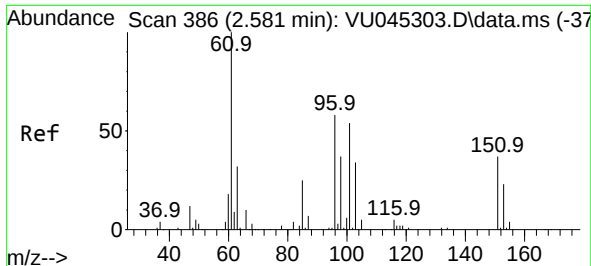
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#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.442 ug/l
 RT: 2.584 min Scan# 387
 Delta R.T. 0.003 min
 Lab File: VU045309.D
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Tgt Ion:101 Resp: 4953
 Ion Ratio Lower Upper
 101 100
 85 46.0 35.8 53.6
 151 65.2 54.6 81.8





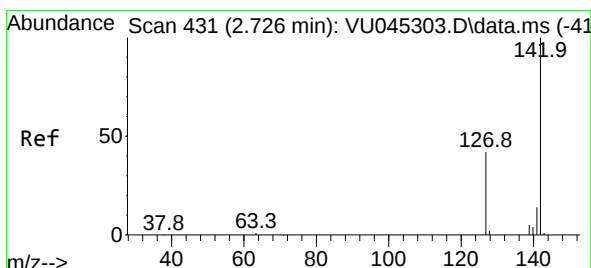
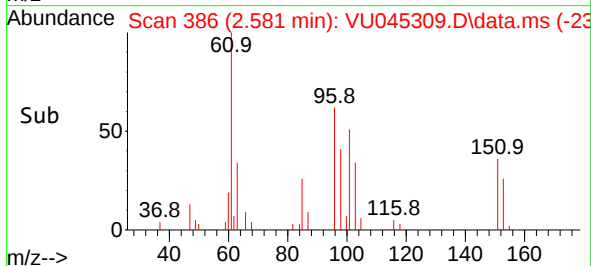
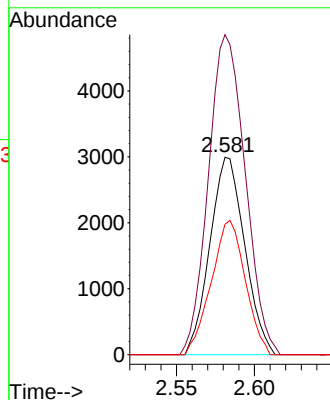
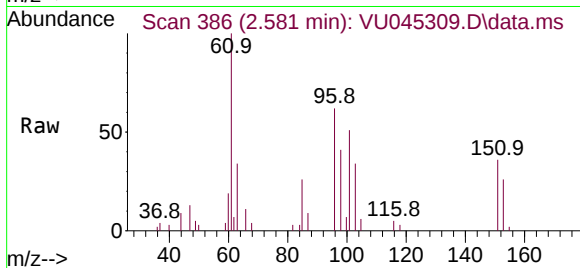
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1,1-Dichloroethene
Concen: 0.444 ug/l
RT: 2.581 min Scan# 386
Delta R.T. -0.000 min
Lab File: VU045309.D
Acq: 13 Oct 2021 15:38

Tgt Ion:	96	Resp:	4652
Ion	Ratio	Lower	Upper
96	100		
61	162.0	0.0	514.2
98	66.0	0.0	126.4

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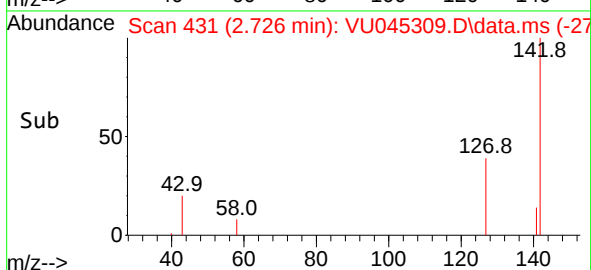
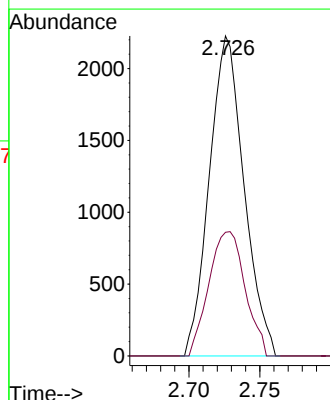
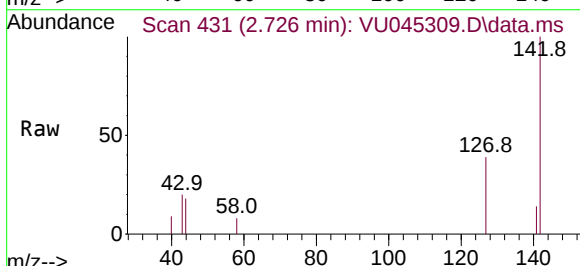
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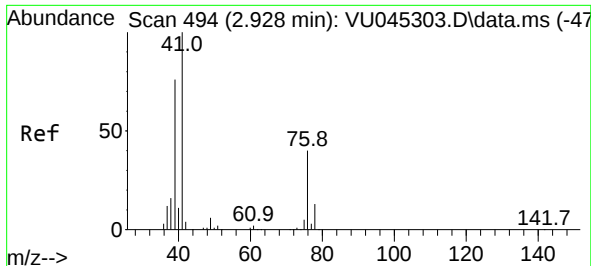
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#10
Iodomethane
Concen: 0.345 ug/l
RT: 2.726 min Scan# 431
Delta R.T. -0.000 min
Lab File: VU045309.D
Acq: 13 Oct 2021 15:38

Tgt Ion:	142	Resp:	3788
Ion	Ratio	Lower	Upper
142	100		
127	40.6	33.2	49.8





#11

Allyl Chloride

Concen: 0.414 ug/l

RT: 2.932 min Scan# 495

Delta R.T. 0.004 min

Lab File: VU045309.D

Acq: 13 Oct 2021 15:38

Tgt Ion: 41 Resp: 6368

Ion Ratio Lower Upper

41 100

39 82.6 62.4 93.6

Instrument :

MSVOA_U

ClientSampleId :

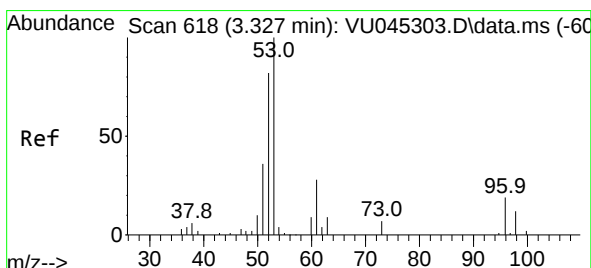
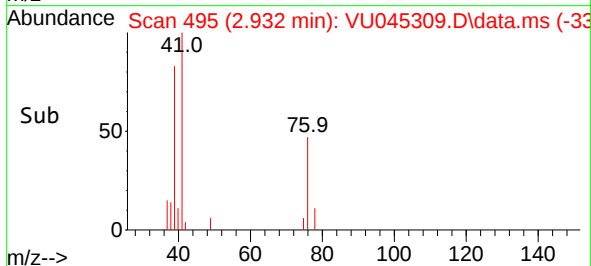
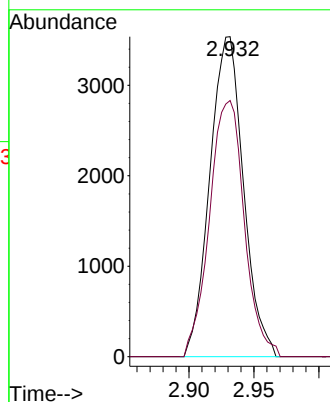
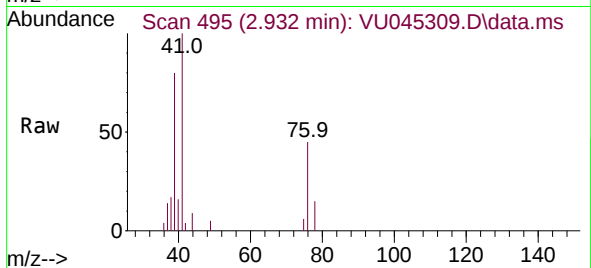
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#12

Acrylonitrile

Concen: 0.777 ug/l m

RT: 3.333 min Scan# 620

Delta R.T. 0.006 min

Lab File: VU045309.D

Acq: 13 Oct 2021 15:38

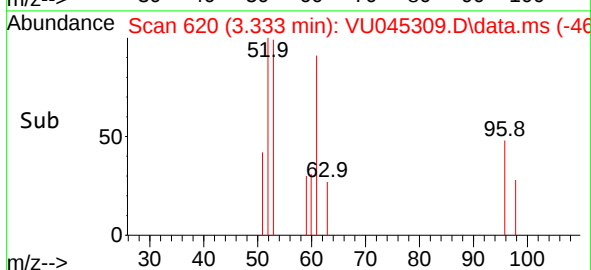
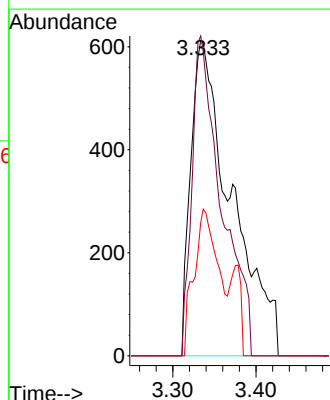
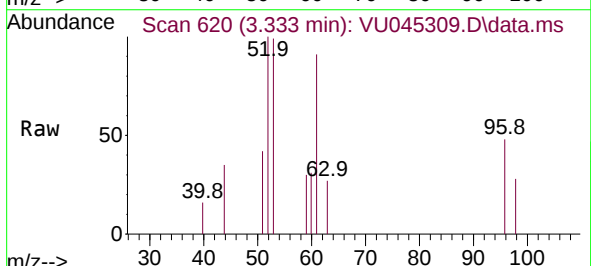
Tgt Ion: 53 Resp: 2077

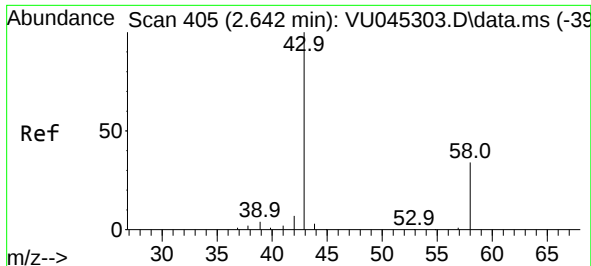
Ion Ratio Lower Upper

53 100

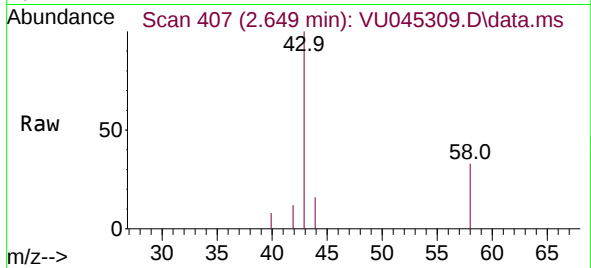
52 73.6 56.7 85.1

51 27.9 30.3 45.5#

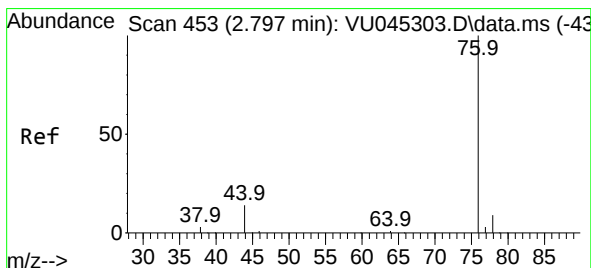
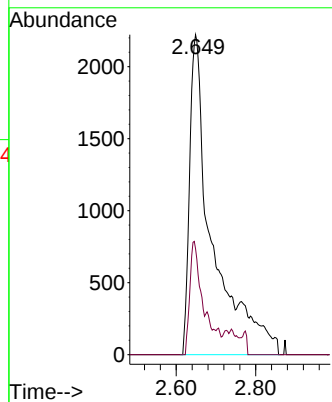
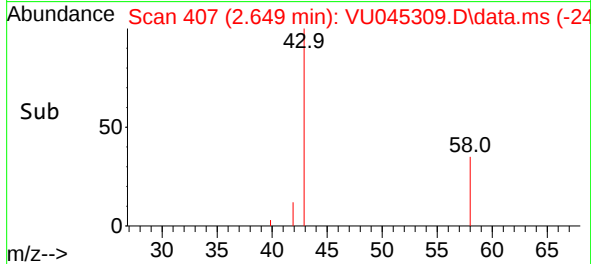




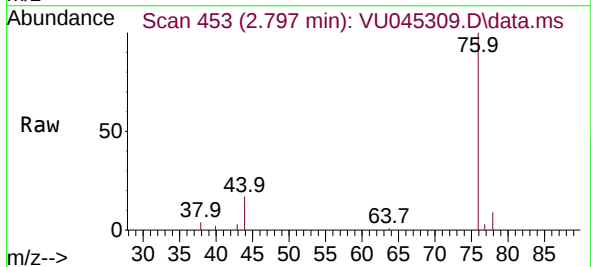
#13
Acetone
Concen: 2.751 ug/l m
RT: 2.649 min Scan# 407
Delta R.T. 0.006 min
Lab File: VU045309.D
Acq: 13 Oct 2021 15:38



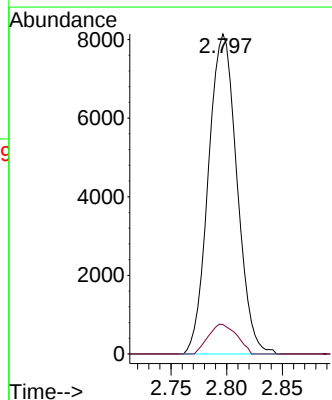
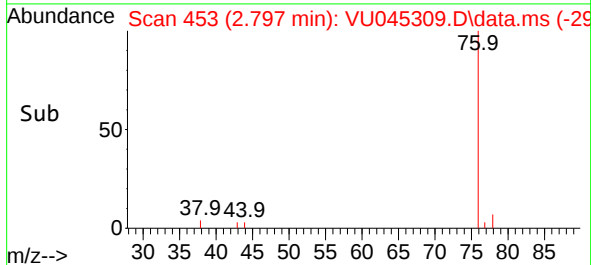
Tgt Ion: 43 Resp: 8769
Ion Ratio Lower Upper
43 100
58 33.1 27.1 40.7



#14
Carbon Disulfide
Concen: 0.454 ug/l
RT: 2.797 min Scan# 453
Delta R.T. -0.000 min
Lab File: VU045309.D
Acq: 13 Oct 2021 15:38



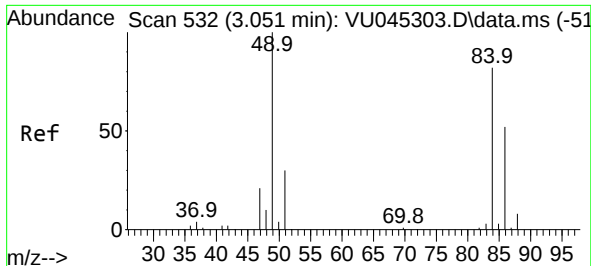
Tgt Ion: 76 Resp: 14501
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7



Instrument :
MSVOA_U
ClientSampleId :
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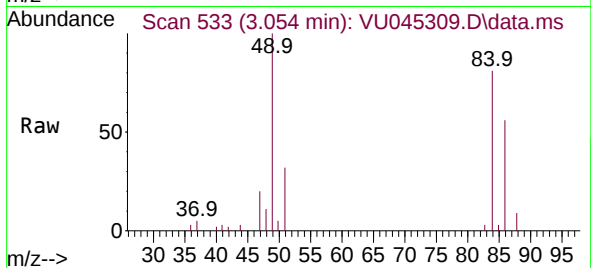
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#15
Methylene Chloride
Concen: 0.878 ug/l
RT: 3.054 min Scan# 533
Delta R.T. 0.003 min
Lab File: VU045309.D
Acq: 13 Oct 2021 15:38

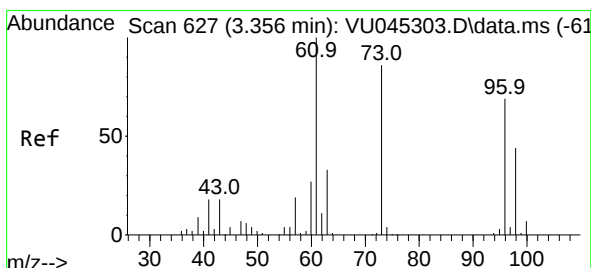
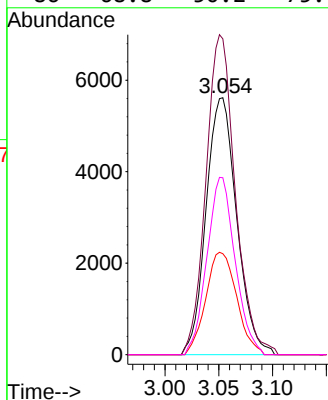
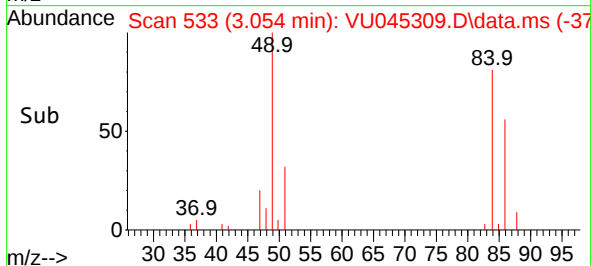
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2021



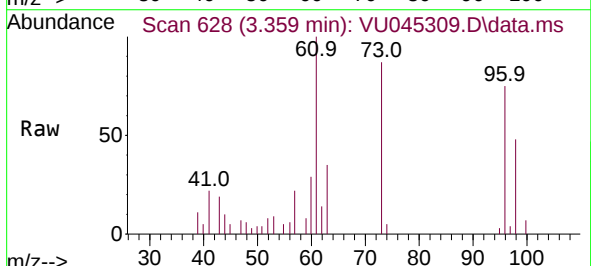
Tgt Ion:	84	Resp:	11136
Ion	Ratio	Lower	Upper
84	100		
49	122.9	97.2	145.8
51	39.3	0.0	73.4
86	68.8	50.2	75.4

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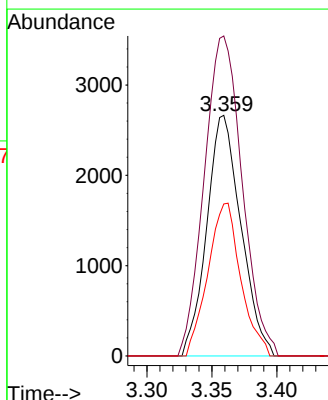
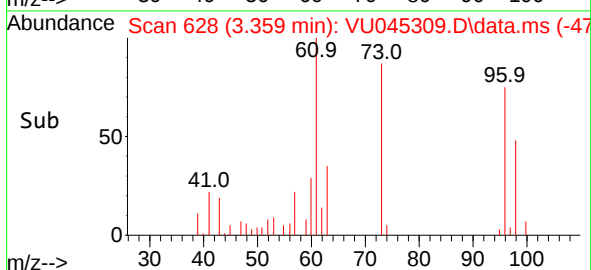
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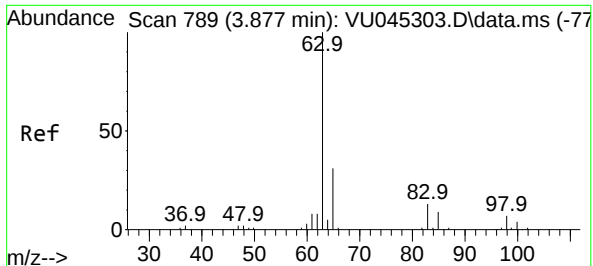


#16
trans-1,2-Dichloroethene
Concen: 0.433 ug/l
RT: 3.359 min Scan# 628
Delta R.T. 0.003 min
Lab File: VU045309.D
Acq: 13 Oct 2021 15:38



Tgt Ion:	96	Resp:	4877
Ion	Ratio	Lower	Upper
96	100		
61	133.0	115.8	173.6
98	63.2	51.1	76.7





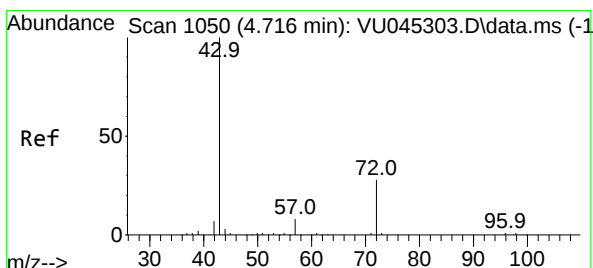
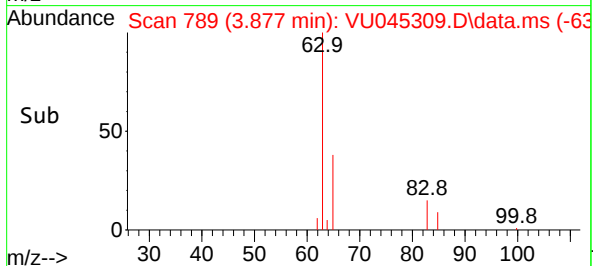
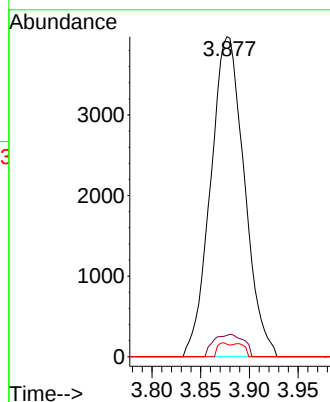
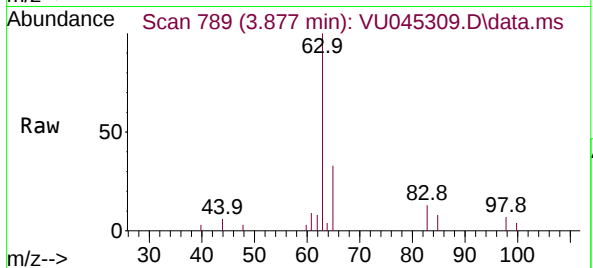
#17
1,1-Dichloroethane
Concen: 0.452 ug/l
RT: 3.877 min Scan# 789
Delta R.T. 0.000 min
Lab File: VU045309.D
Acq: 13 Oct 2021 15:38

Tgt Ion:	63	Resp:	9546
Ion Ratio	Lower	Upper	
63	100		
98	6.6	3.6	10.8
100	3.9	2.1	6.5

Instrument :
MSVOA_U
ClientSampleId :
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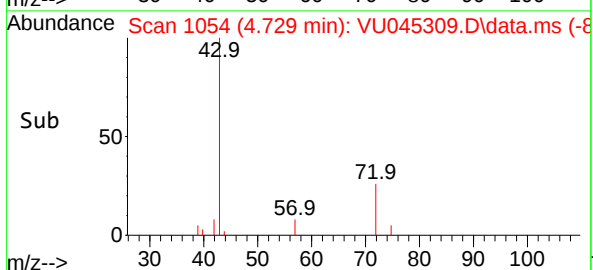
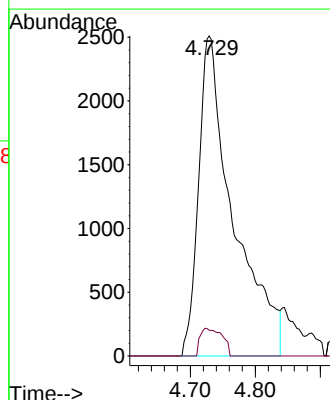
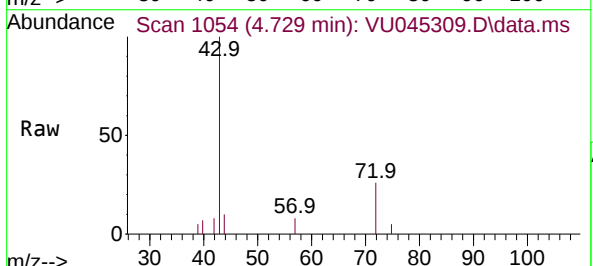
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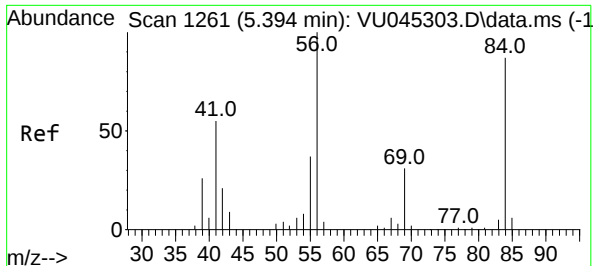
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#18
2-Butanone
Concen: 2.299 ug/l
RT: 4.729 min Scan# 1054
Delta R.T. 0.013 min
Lab File: VU045309.D
Acq: 13 Oct 2021 15:38

Tgt Ion:	43	Resp:	9318
Ion Ratio	Lower	Upper	
43	100		
57	8.0	0.0	16.6





#19

Cyclohexane

Concen: 0.412 ug/l m

RT: 5.394 min Scan# 1261

Delta R.T. -0.000 min

Lab File: VU045309.D

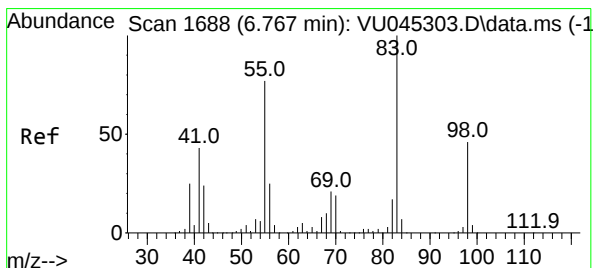
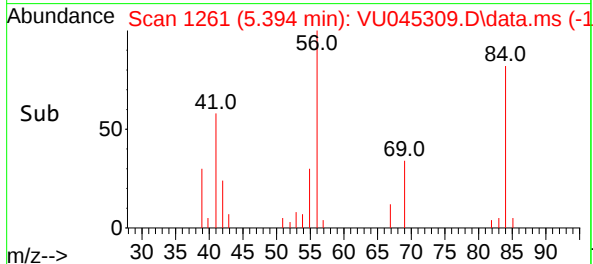
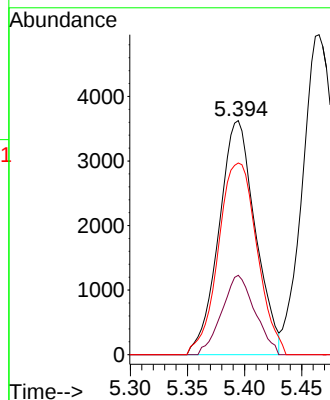
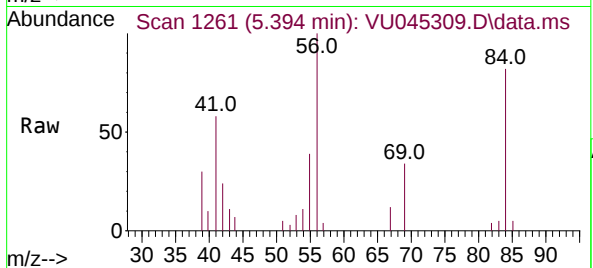
Acq: 13 Oct 2021 15:38

Tgt Ion:	56	Resp:	8054
Ion Ratio	Lower	Upper	
56	100		
69	30.8	24.7	37.1
84	87.0	68.8	103.2

Instrument :
MSVOA_U
ClientSampleId :
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#20

Methylcyclohexane

Concen: 0.394 ug/l

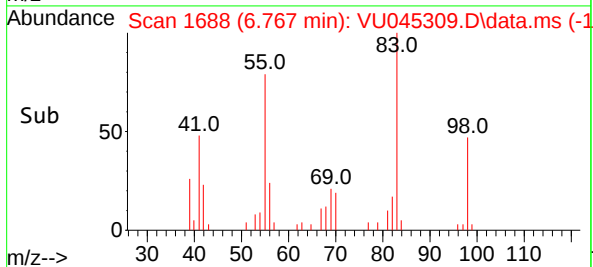
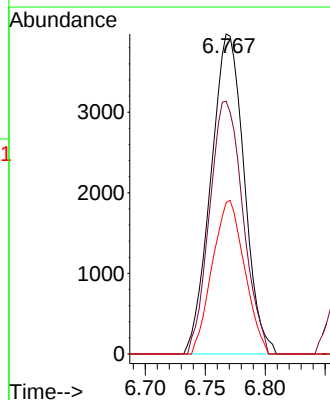
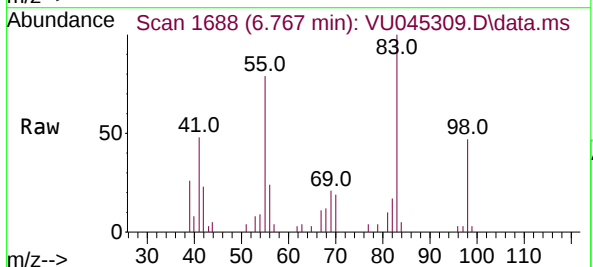
RT: 6.767 min Scan# 1688

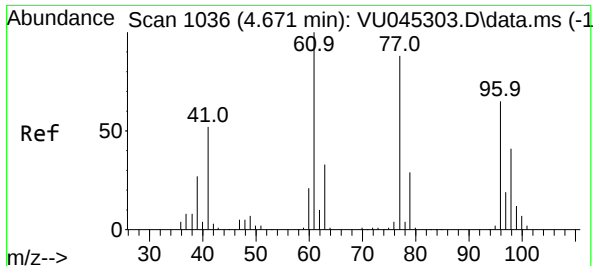
Delta R.T. -0.000 min

Lab File: VU045309.D

Acq: 13 Oct 2021 15:38

Tgt Ion:	83	Resp:	7656
Ion Ratio	Lower	Upper	
83	100		
55	79.3	61.9	92.9
98	46.5	37.4	56.2





#21

2,2-Dichloropropane

Concen: 0.441 ug/l

RT: 4.671 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VU045309.D

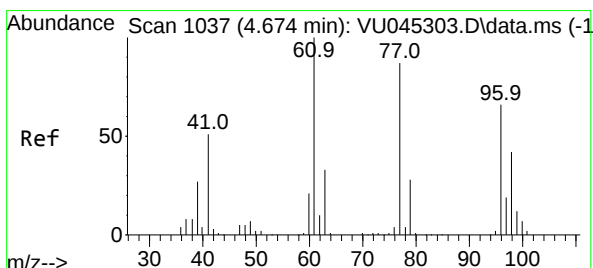
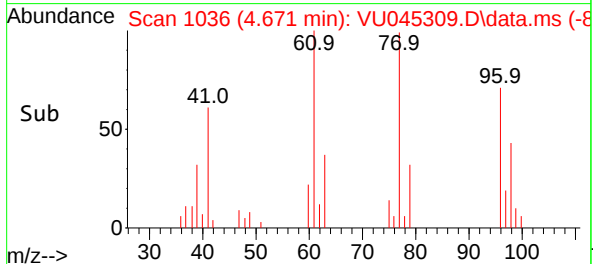
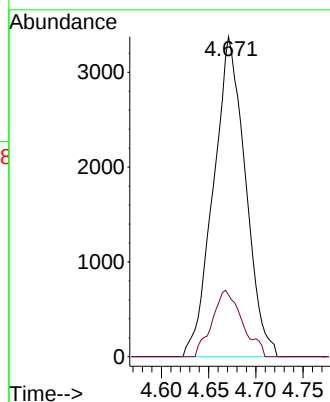
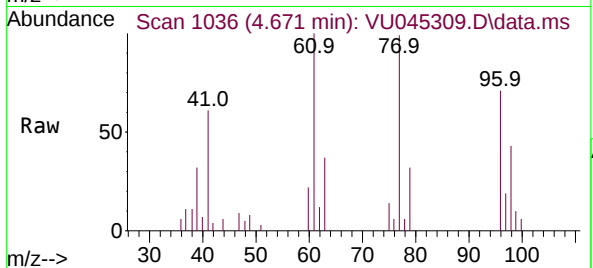
Acq: 13 Oct 2021 15:38

Tgt Ion: 77 Resp: 7928

Ion Ratio Lower Upper

77 100

97 19.6 17.2 25.8



#22

cis-1,2-Dichloroethene

Concen: 0.446 ug/l

RT: 4.674 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VU045309.D

Acq: 13 Oct 2021 15:38

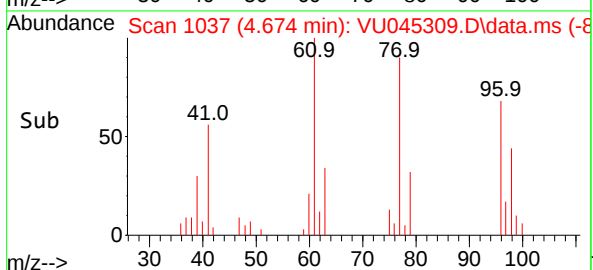
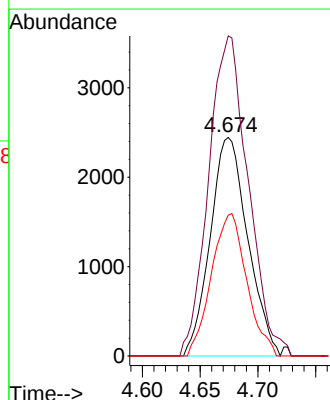
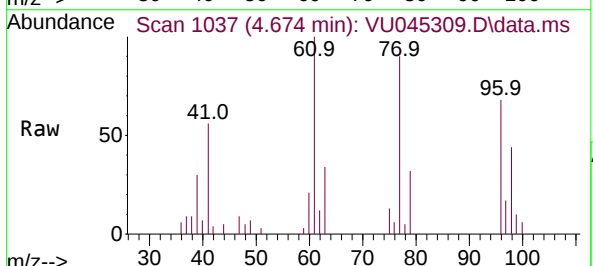
Tgt Ion: 96 Resp: 5527

Ion Ratio Lower Upper

96 100

61 154.2 0.0 385.3

98 61.2 32.1 96.3



Instrument :

MSVOA_U

ClientSampleId :

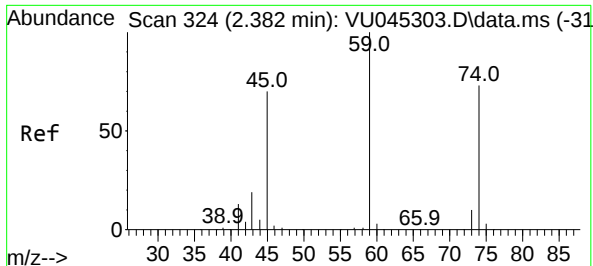
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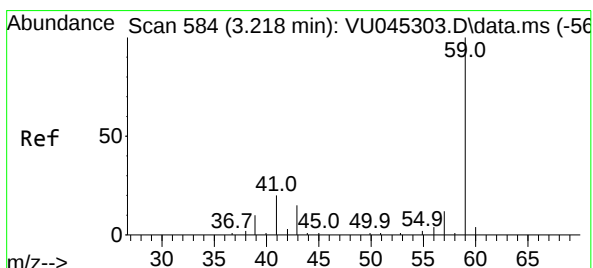
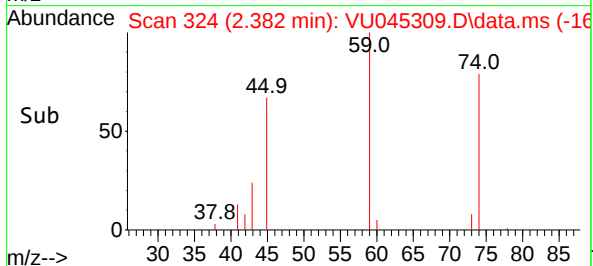
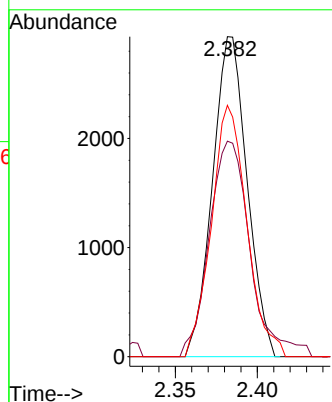
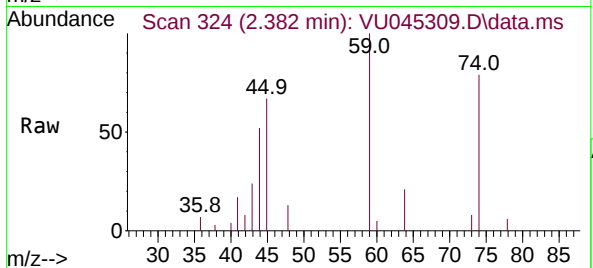
#23
Diethyl Ether
Concen: 0.434 ug/l
RT: 2.382 min Scan# 324
Delta R.T. -0.000 min
Lab File: VU045309.D
Acq: 13 Oct 2021 15:38

Tgt Ion: 59	Resp: 4299
Ion Ratio	Lower Upper
59 100	
45 79.5	55.6 83.4
74 80.3	58.1 87.1

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2021

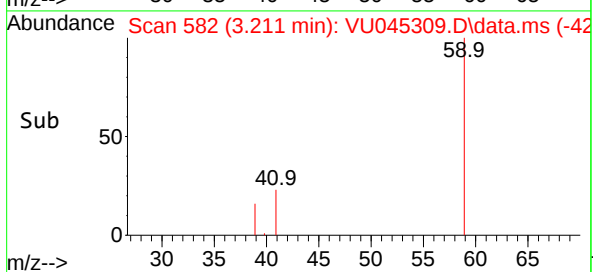
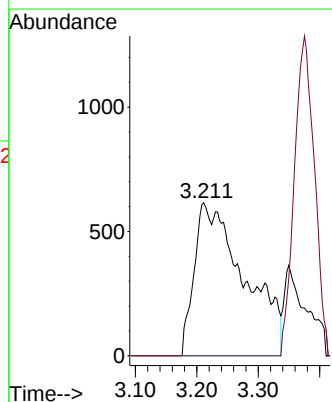
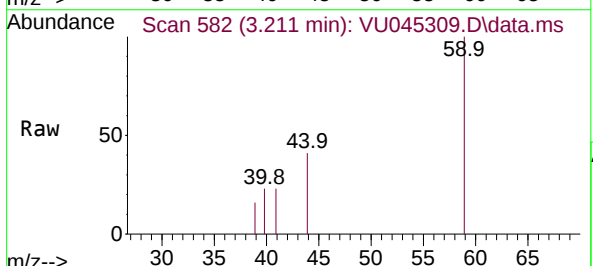
Manual Integrations
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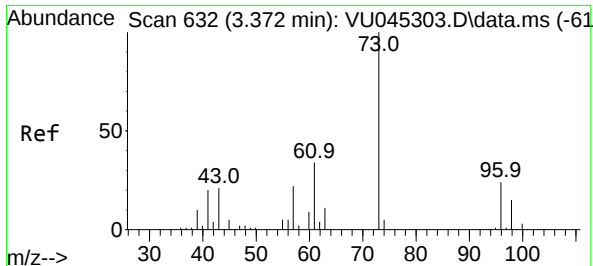
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#24
tert-Butyl Alcohol
Concen: 4.474 ug/l m
RT: 3.211 min Scan# 582
Delta R.T. -0.007 min
Lab File: VU045309.D
Acq: 13 Oct 2021 15:38

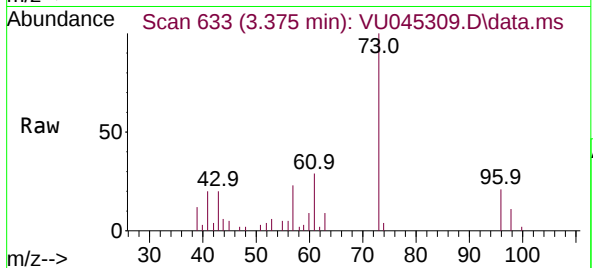
Tgt Ion: 59	Resp: 3479
Ion Ratio	Lower Upper
59 100	
57 0.0	6.5 9.7#





#25
Methyl tert-Butyl Ether
Concen: 0.425 ug/l
RT: 3.375 min Scan# 633
Delta R.T. 0.003 min
Lab File: VU045309.D
Acq: 13 Oct 2021 15:38

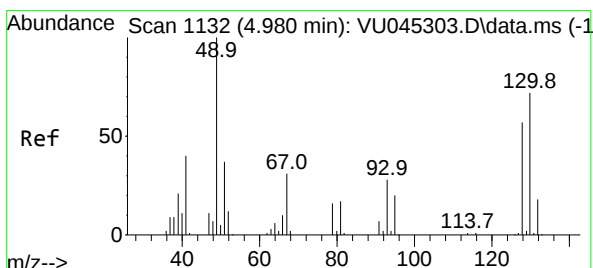
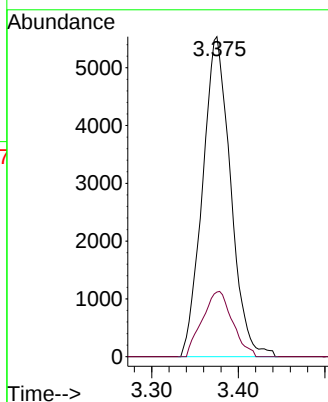
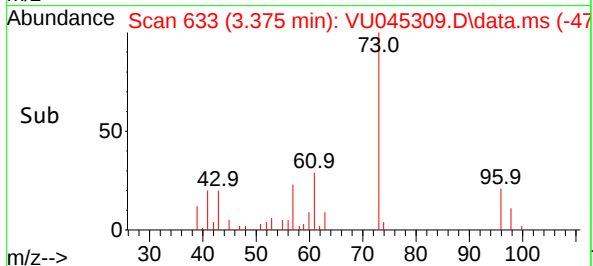
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2021



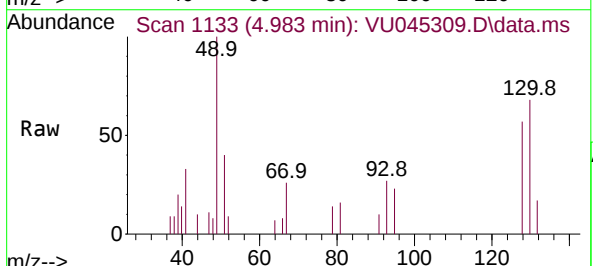
Tgt Ion: 73 Resp: 12448
Ion Ratio Lower Upper
73 100
43 22.0 16.3 24.5

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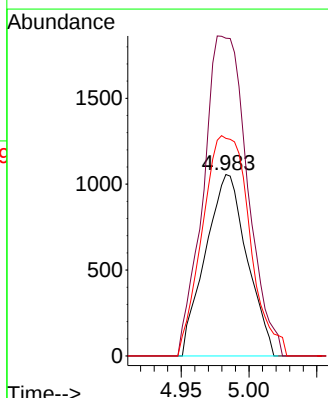
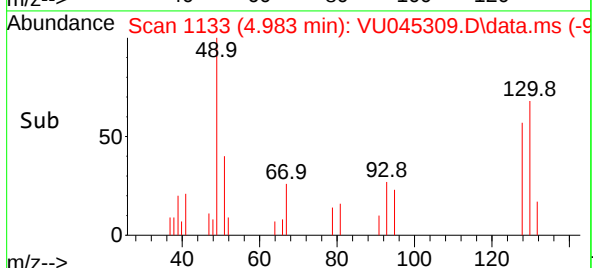
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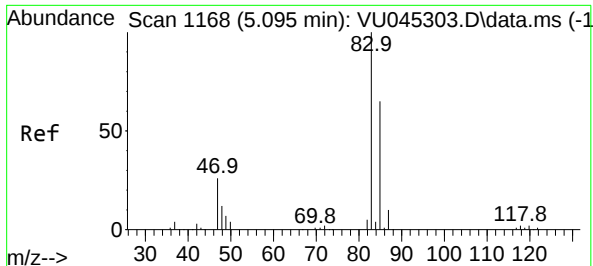


#26
Bromochloromethane
Concen: 0.425 ug/l
RT: 4.983 min Scan# 1133
Delta R.T. 0.003 min
Lab File: VU045309.D
Acq: 13 Oct 2021 15:38



Tgt Ion: 128 Resp: 2247
Ion Ratio Lower Upper
128 100
49 187.5 0.0 347.4
130 138.3 101.5 152.3





#27

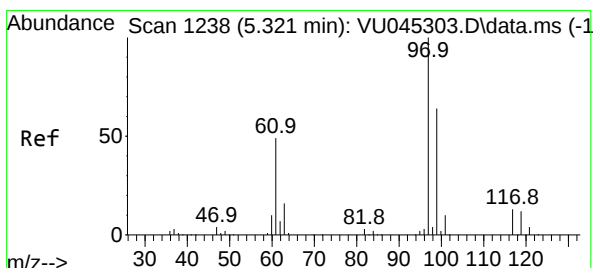
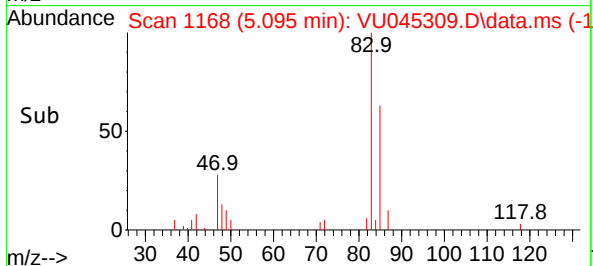
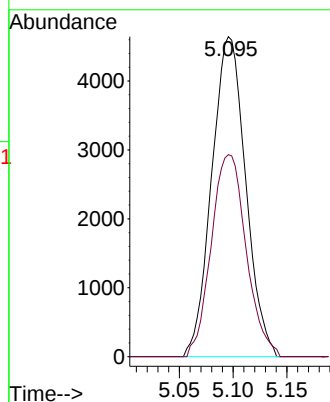
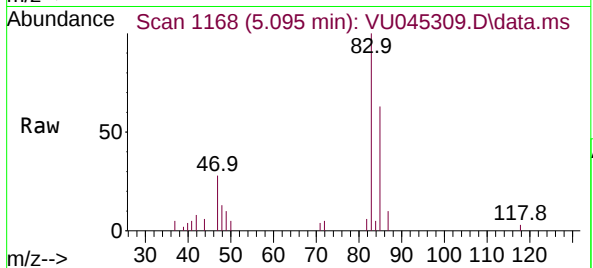
Chloroform
Concen: 0.471 ug/l
RT: 5.095 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VU045309.D
Acq: 13 Oct 2021 15:38

Tgt Ion: 83 Resp: 10186
Ion Ratio Lower Upper
83 100
85 63.2 0.0 129.2

Instrument :
MSVOA_U
ClientSampleId :
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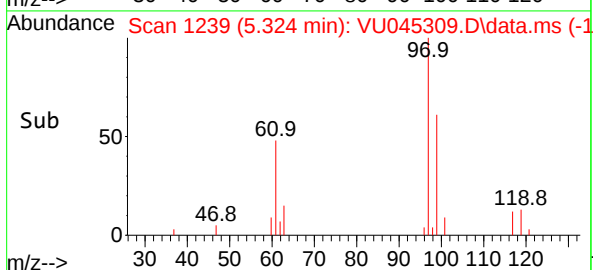
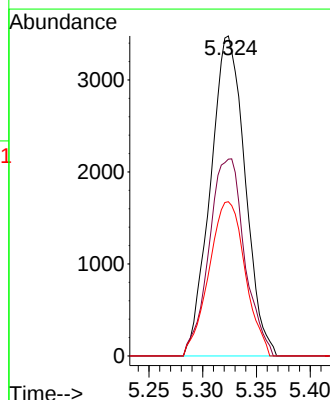
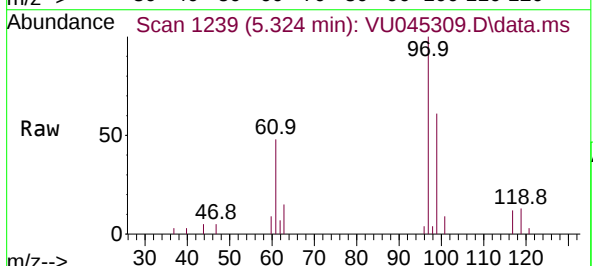
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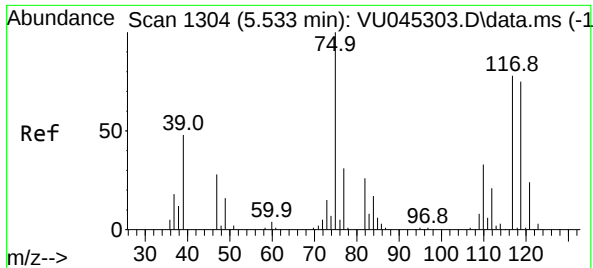


#28

1,1,1-Trichloroethane
Concen: 0.439 ug/l
RT: 5.324 min Scan# 1239
Delta R.T. 0.003 min
Lab File: VU045309.D
Acq: 13 Oct 2021 15:38

Tgt Ion: 97 Resp: 7780
Ion Ratio Lower Upper
97 100
99 63.3 32.2 96.6
61 50.4 24.5 73.5





#29

1,1-Dichloropropene

Concen: 0.422 ug/l

RT: 5.530 min Scan# 1303

Delta R.T. -0.003 min

Lab File: VU045309.D

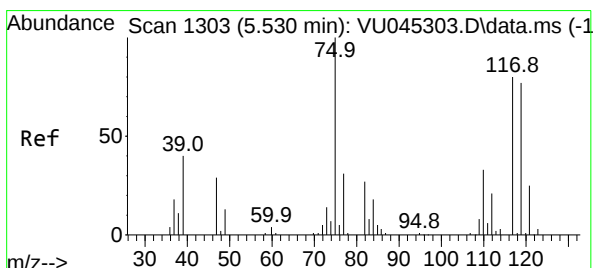
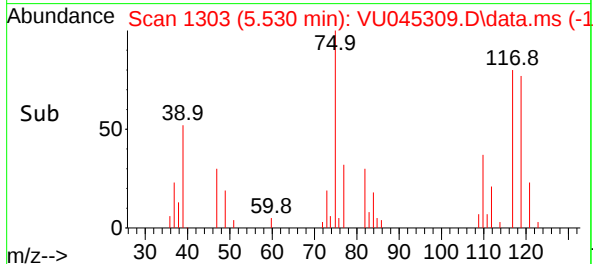
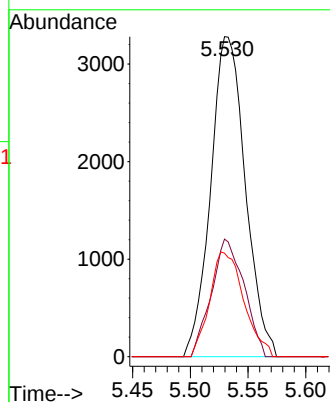
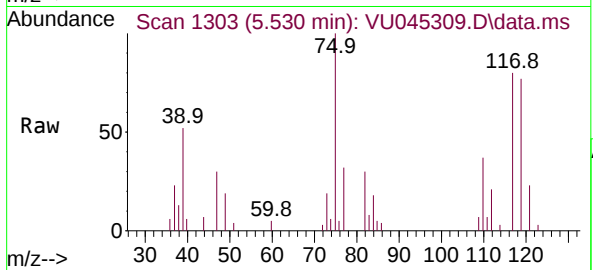
Acq: 13 Oct 2021 15:38

Tgt Ion:	75	Resp:	6842
Ion	Ratio	Lower	Upper
75	100		
110	34.6	16.8	50.3
77	32.3	24.7	37.1

Instrument :
MSVOA_U
ClientSampleId :
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#30

Carbon Tetrachloride

Concen: 0.402 ug/l

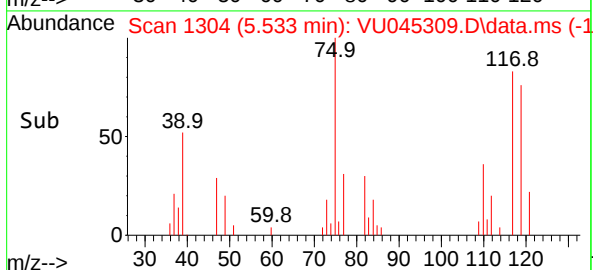
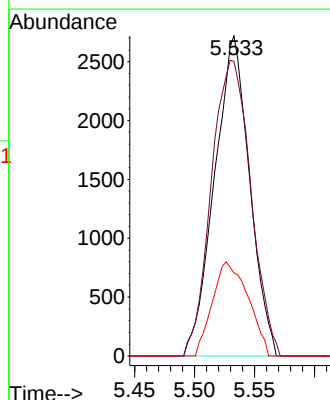
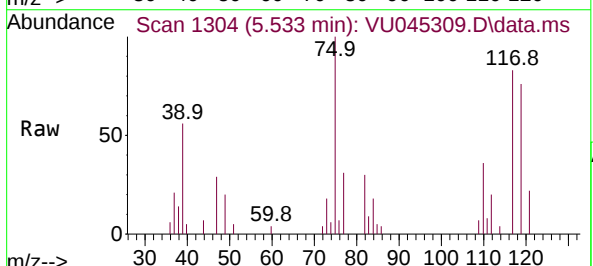
RT: 5.533 min Scan# 1304

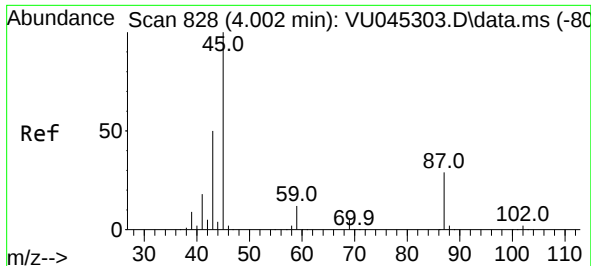
Delta R.T. 0.003 min

Lab File: VU045309.D

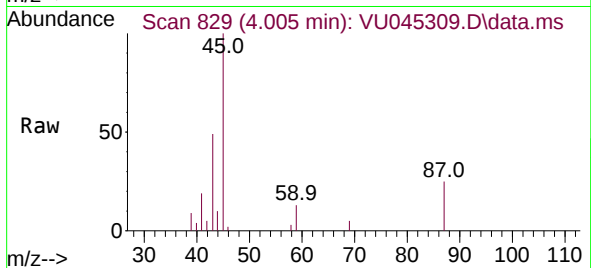
Acq: 13 Oct 2021 15:38

Tgt Ion:	117	Resp:	5517
Ion	Ratio	Lower	Upper
117	100		
119	92.1	76.8	115.2
121	26.0	24.6	37.0

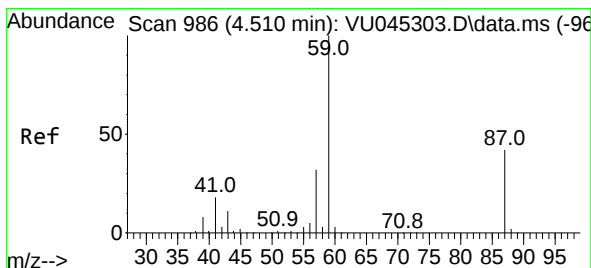
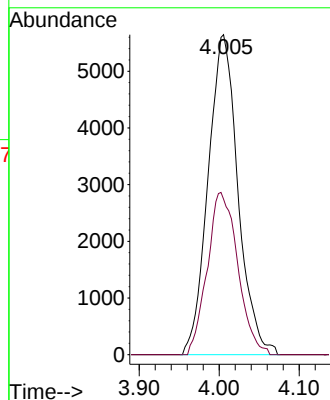
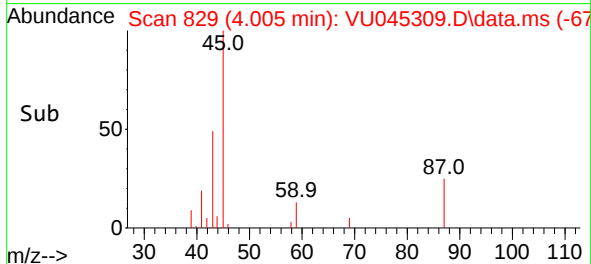




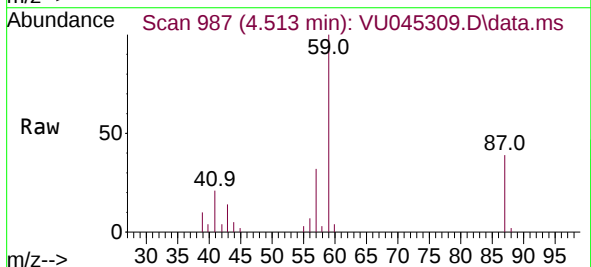
#31
Isopropyl Ether
Concen: 0.438 ug/l
RT: 4.005 min Scan# 829
Delta R.T. 0.003 min
Lab File: VU045309.D
Acq: 13 Oct 2021 15:38



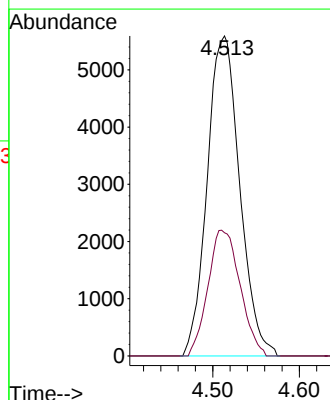
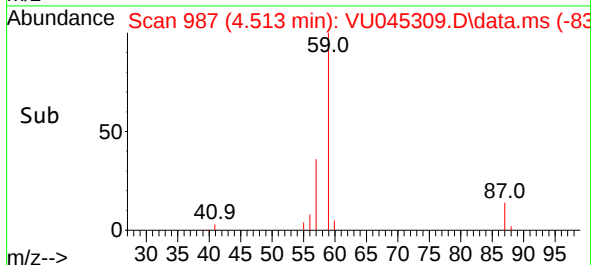
Tgt Ion: 45 Resp: 14660
Ion Ratio Lower Upper
45 100
43 51.7 25.3 75.8



#32
Ethyl-t-butyl ether
Concen: 0.433 ug/l
RT: 4.513 min Scan# 987
Delta R.T. 0.003 min
Lab File: VU045309.D
Acq: 13 Oct 2021 15:38



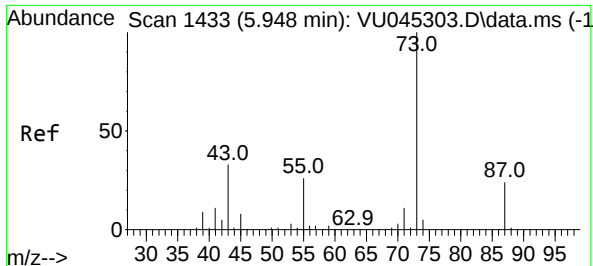
Tgt Ion: 59 Resp: 14596
Ion Ratio Lower Upper
59 100
87 38.8 32.7 49.1



Instrument :
MSVOA_U
ClientSampleId :
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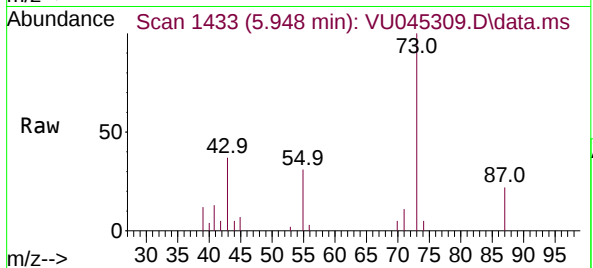
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#33
Tert-Amyl methyl ether
Concen: 0.428 ug/l
RT: 5.948 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VU045309.D
Acq: 13 Oct 2021 15:38

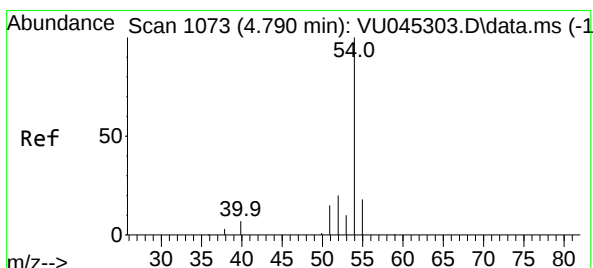
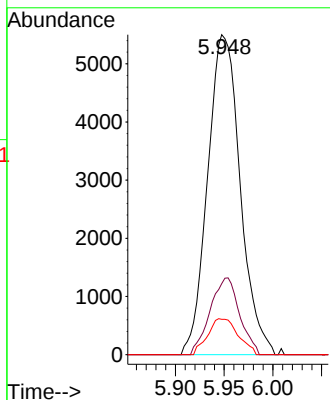
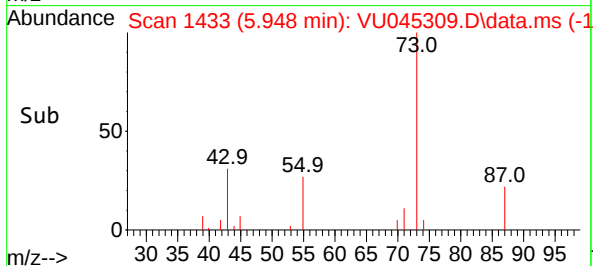
Instrument :
MSVOA_U
ClientSampleId :
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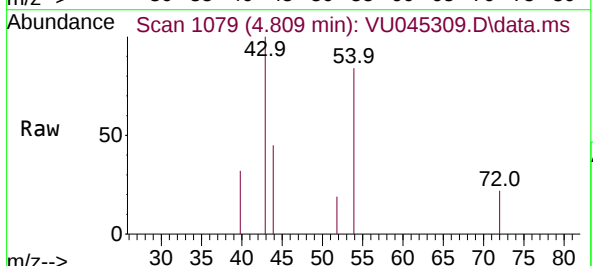
Tgt Ion:	73	Resp:	12785
Ion	Ratio	Lower	Upper
73	100		
87	21.7	18.6	28.0
71	10.5	9.0	13.6

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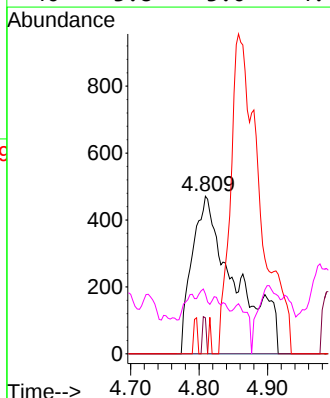
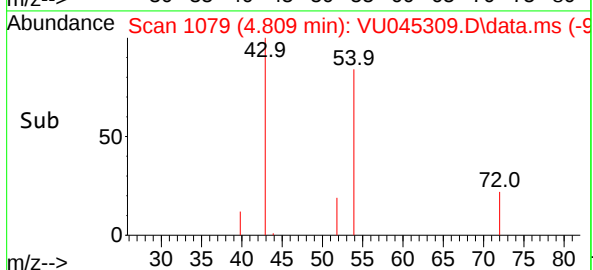
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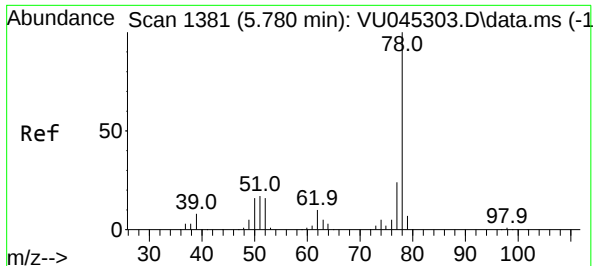


#34
Propionitrile
Concen: 2.037 ug/l m
RT: 4.809 min Scan# 1079
Delta R.T. 0.019 min
Lab File: VU045309.D
Acq: 13 Oct 2021 15:38



Tgt Ion:	54	Resp:	2055
Ion	Ratio	Lower	Upper
54	100		
52	2.0	11.9	17.9#
55	0.0	8.0	12.0#
40	3.8	3.0	4.4





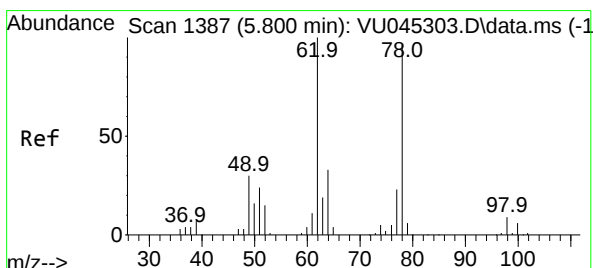
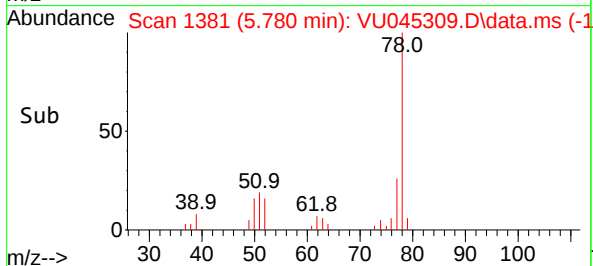
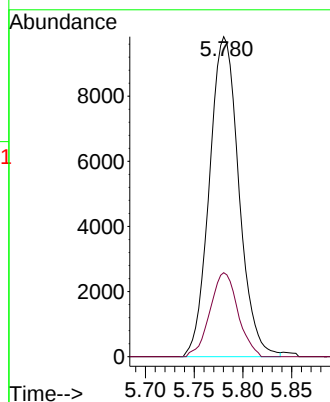
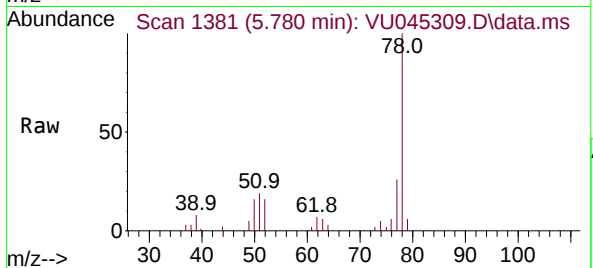
#35
Benzene
Concen: 0.442 ug/l
RT: 5.780 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VU045309.D
Acq: 13 Oct 2021 15:38

Tgt Ion: 78 Resp: 20683
Ion Ratio Lower Upper
78 100
77 26.2 19.1 28.7

Instrument :
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ClientSampleId :
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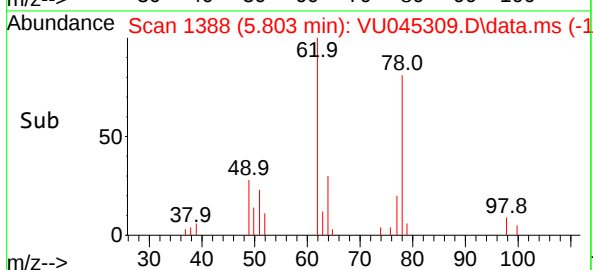
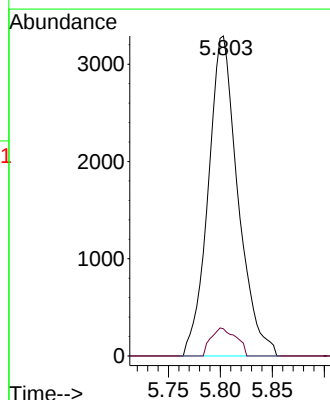
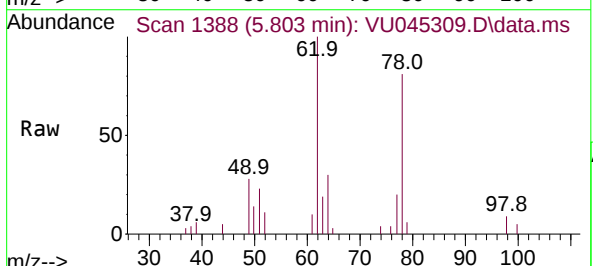
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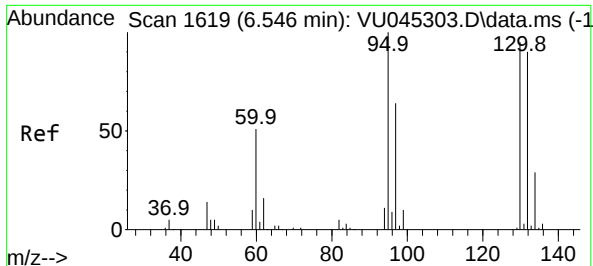
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#36
1,2-Dichloroethane
Concen: 0.438 ug/l
RT: 5.803 min Scan# 1388
Delta R.T. 0.003 min
Lab File: VU045309.D
Acq: 13 Oct 2021 15:38

Tgt Ion: 62 Resp: 6553
Ion Ratio Lower Upper
62 100
98 7.4 7.3 10.9





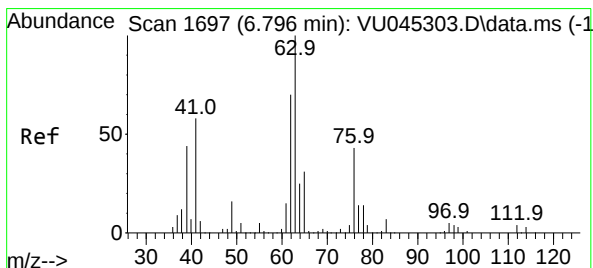
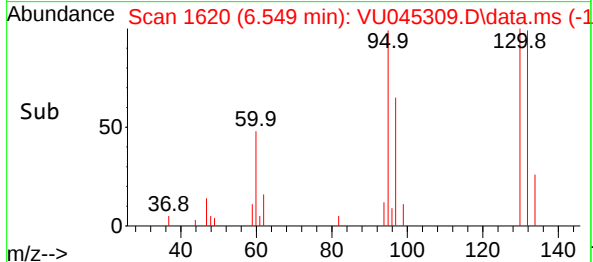
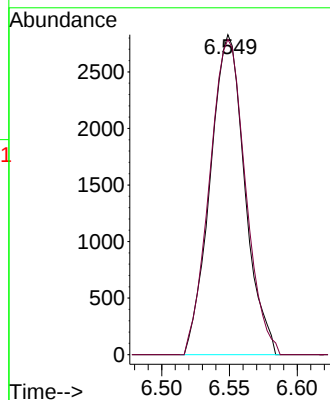
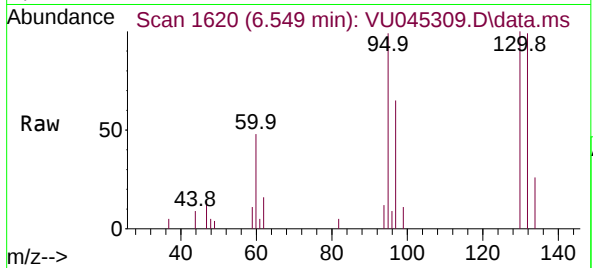
#37
Trichloroethene
Concen: 0.441 ug/l
RT: 6.549 min Scan# 1620
Delta R.T. 0.003 min
Lab File: VU045309.D
Acq: 13 Oct 2021 15:38

Tgt Ion: 130 Resp: 5020
Ion Ratio Lower Upper
130 100
95 98.5 83.8 125.8

Instrument :
MSVOA_U
ClientSampleId :
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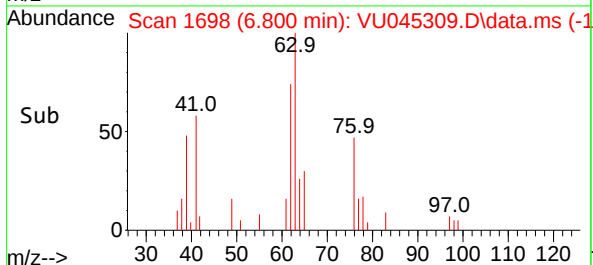
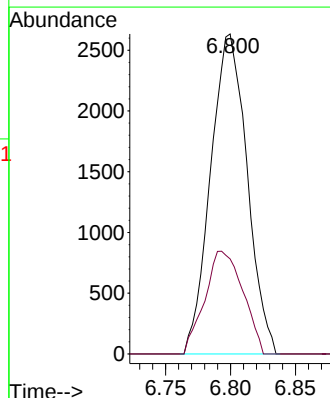
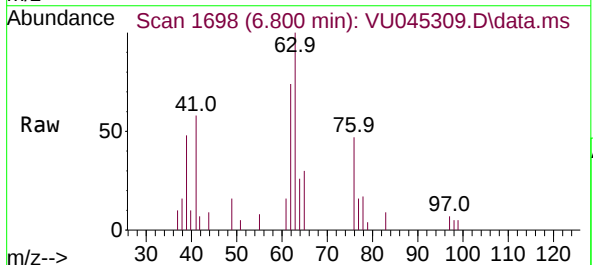
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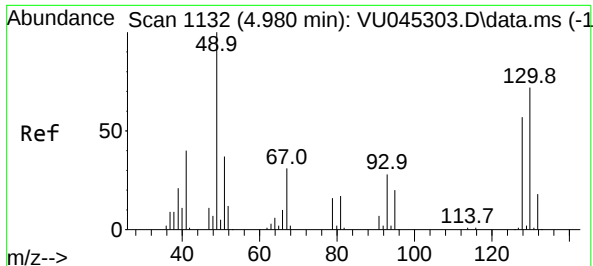
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#38
1,2-Dichloropropane
Concen: 0.423 ug/l
RT: 6.800 min Scan# 1698
Delta R.T. 0.003 min
Lab File: VU045309.D
Acq: 13 Oct 2021 15:38

Tgt Ion: 63 Resp: 5144
Ion Ratio Lower Upper
63 100
65 29.7 24.7 37.1





#39

Methacrylonitrile

Concen: 0.456 ug/l

RT: 4.993 min Scan# 1136

Delta R.T. 0.013 min

Lab File: VU045309.D

Acq: 13 Oct 2021 15:38

Tgt Ion: 41 Resp: 1823

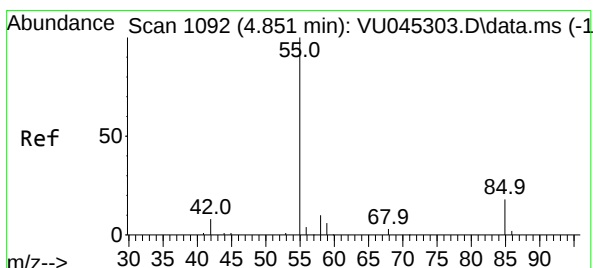
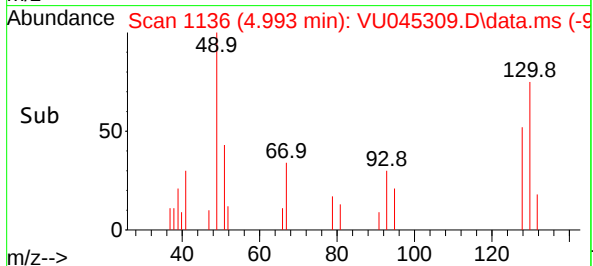
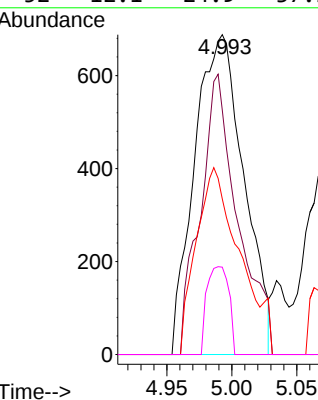
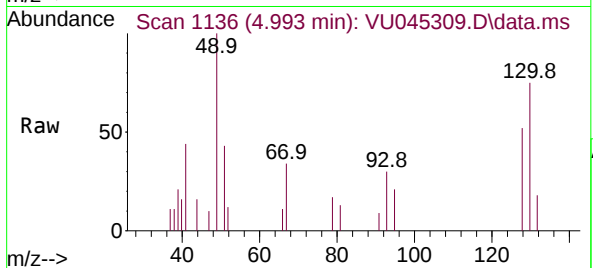
Ion Ratio Lower Upper

41 100

67 66.8 65.2 97.8

39 51.5 43.0 64.6

52 12.1 24.9 37.3#



#40

Methyl acrylate

Concen: 0.424 ug/l m

RT: 4.858 min Scan# 1094

Delta R.T. 0.006 min

Lab File: VU045309.D

Acq: 13 Oct 2021 15:38

Tgt Ion: 55 Resp: 2824

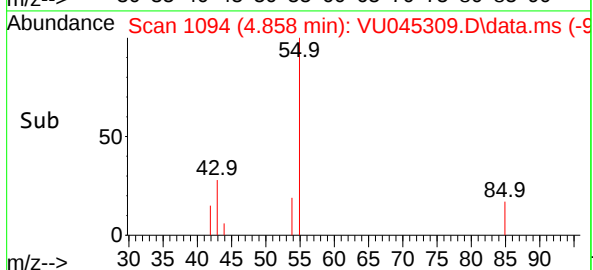
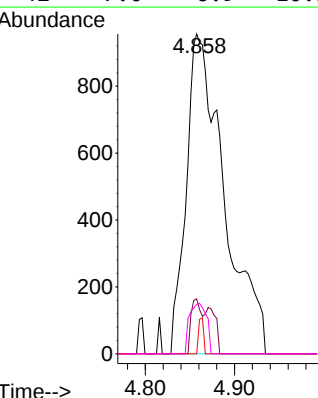
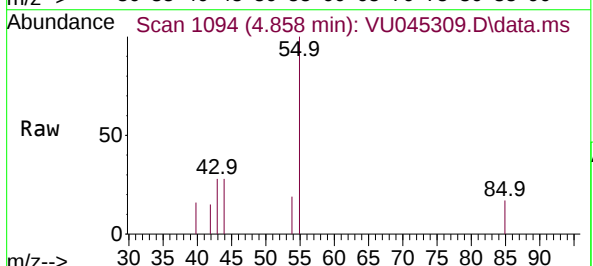
Ion Ratio Lower Upper

55 100

85 0.0 12.2 18.2#

58 1.5 6.7 10.1#

42 7.0 6.9 10.3



Instrument :

MSVOA_U

ClientSampleId :

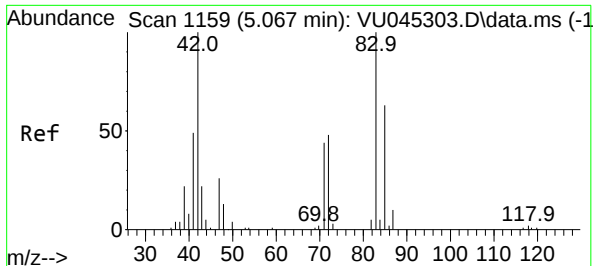
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#41

Tetrahydrofuran

Concen: 0.704 ug/l

RT: 5.073 min Scan# 1161

Delta R.T. 0.006 min

Lab File: VU045309.D

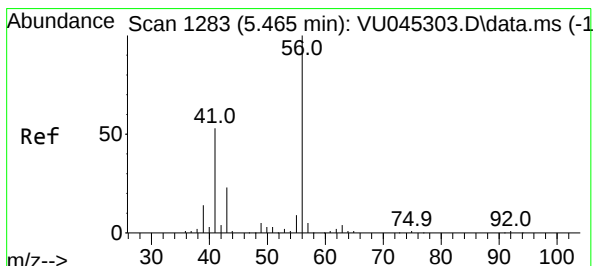
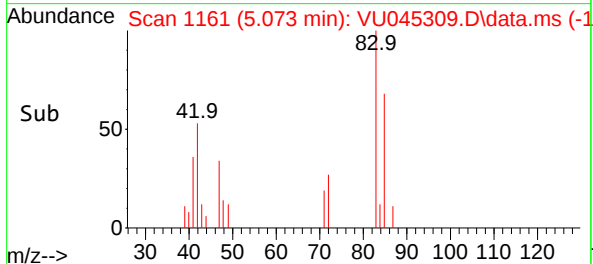
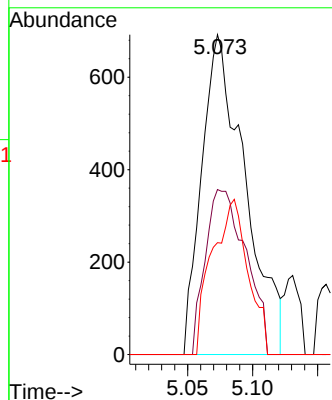
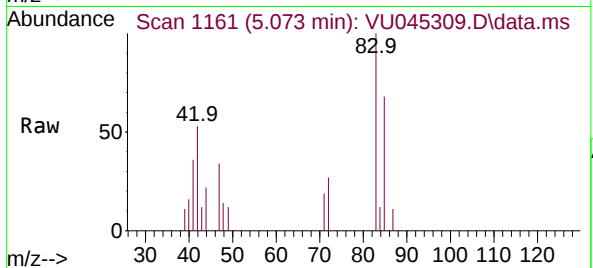
Acq: 13 Oct 2021 15:38

Tgt Ion:	42	Resp:	1608
Ion	Ratio	Lower	Upper
42	100		
72	48.2	42.4	63.6
71	40.4	36.4	54.6

Instrument :
MSVOA_U
ClientSampleId :
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#42

1-Chlorobutane

Concen: 0.438 ug/l

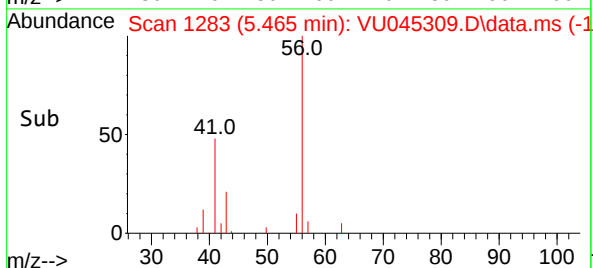
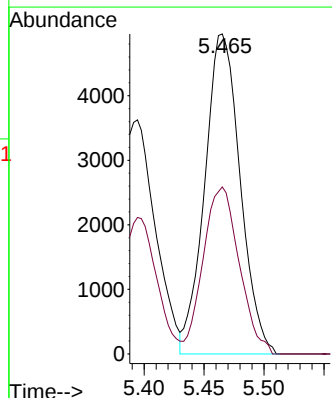
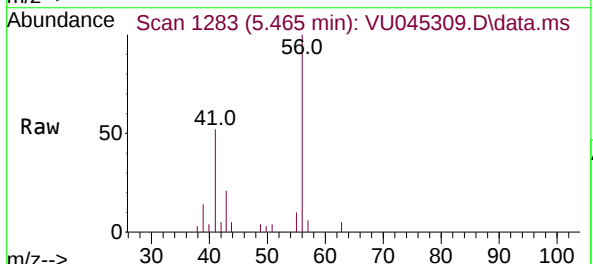
RT: 5.465 min Scan# 1283

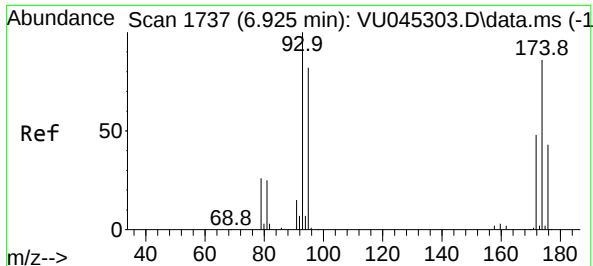
Delta R.T. -0.000 min

Lab File: VU045309.D

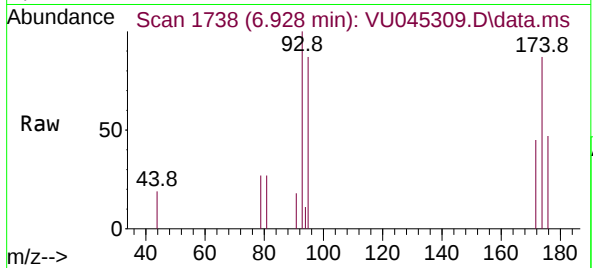
Acq: 13 Oct 2021 15:38

Tgt Ion:	56	Resp:	10194
Ion	Ratio	Lower	Upper
56	100		
41	52.9	26.0	78.0

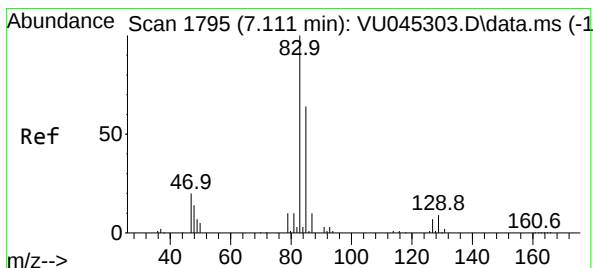
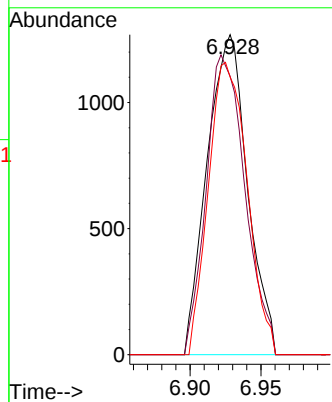
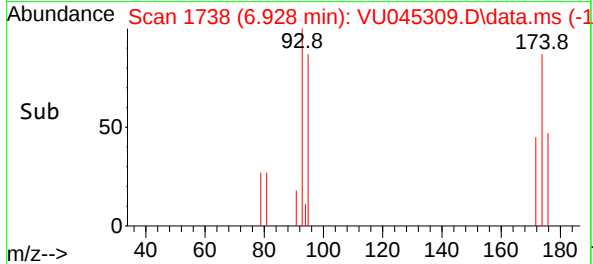




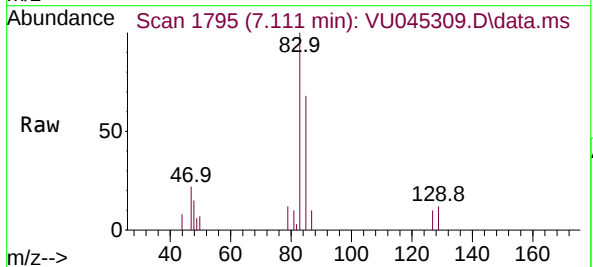
#43
Dibromomethane
Concen: 0.417 ug/l
RT: 6.928 min Scan# 1738
Delta R.T. 0.003 min
Lab File: VU045309.D
Acq: 13 Oct 2021 15:38



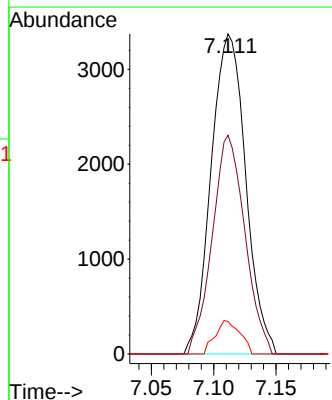
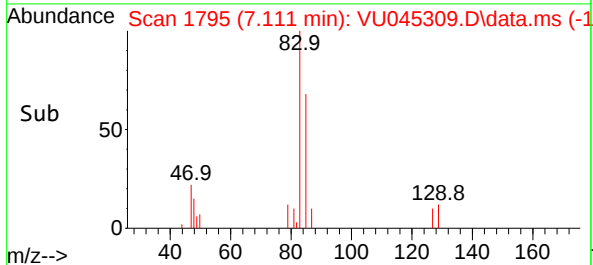
Tgt Ion: 93 Resp: 2513
Ion Ratio Lower Upper
93 100
95 90.3 66.2 99.2
174 87.8 70.7 106.1



#44
Bromodichloromethane
Concen: 0.433 ug/l
RT: 7.111 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VU045309.D
Acq: 13 Oct 2021 15:38



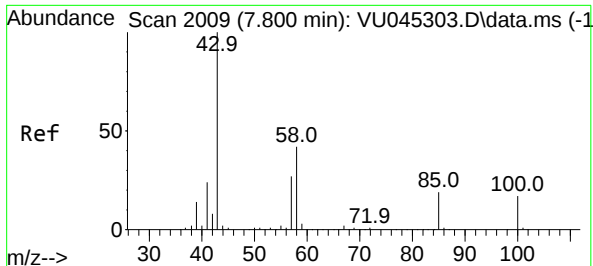
Tgt Ion: 83 Resp: 6513
Ion Ratio Lower Upper
83 100
85 68.3 50.9 76.3
127 10.1 6.0 9.0#



Instrument :
MSVOA_U
ClientSampleId :
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#45

4-Methyl-2-Pentanone

Concen: 2.210 ug/l

RT: 7.803 min Scan# 2010

Delta R.T. 0.003 min

Lab File: VU045309.D

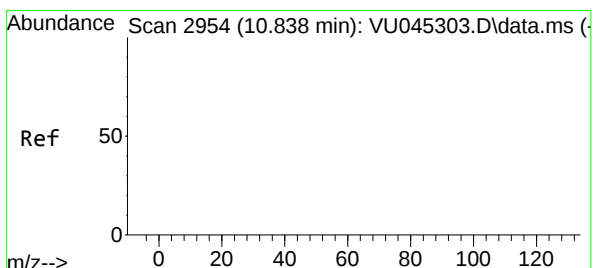
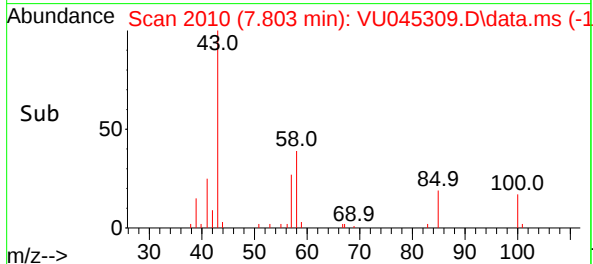
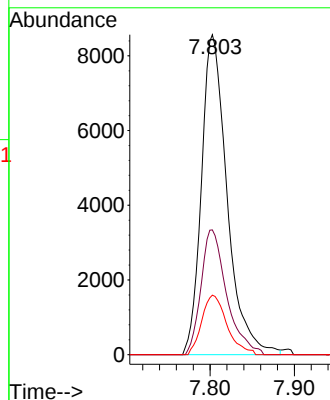
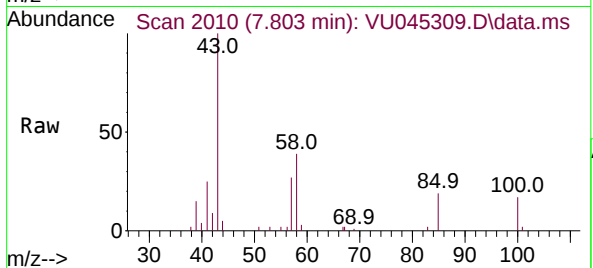
Acq: 13 Oct 2021 15:38

Tgt Ion:	43	Resp:	18189
Ion	Ratio	Lower	Upper
43	100		
58	39.0	21.0	63.0
85	18.2	14.8	22.2

Instrument :
MSVOA_U
ClientSampleId :
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#46

t-1,4-Dichloro-2-butene

Concen: 0.860 ug/l m

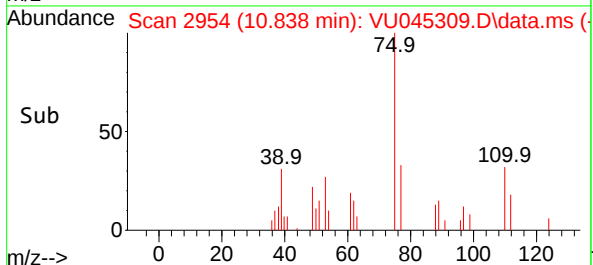
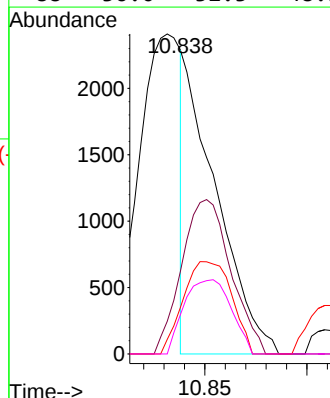
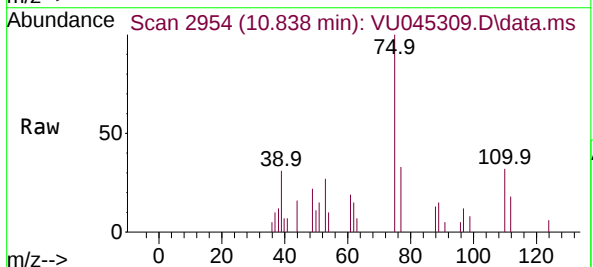
RT: 10.838 min Scan# 2954

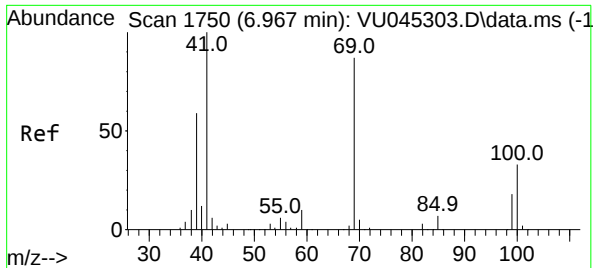
Delta R.T. -0.000 min

Lab File: VU045309.D

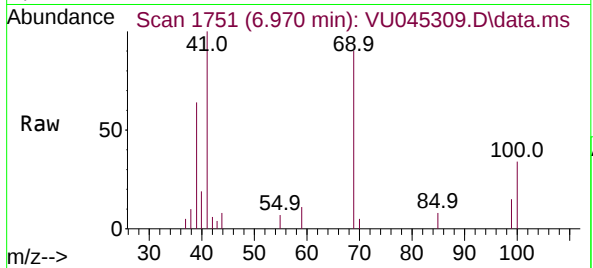
Acq: 13 Oct 2021 15:38

Tgt Ion:	75	Resp:	2494
Ion	Ratio	Lower	Upper
75	100		
53	78.1	66.8	100.2
89	46.0	41.7	62.5
88	36.0	32.3	48.5

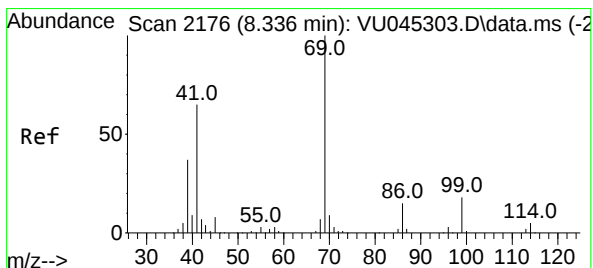
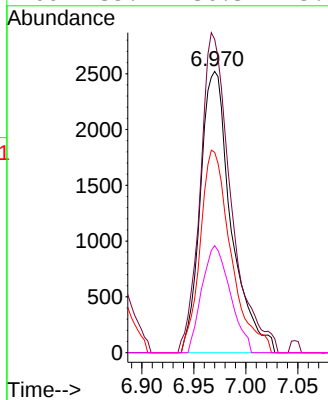
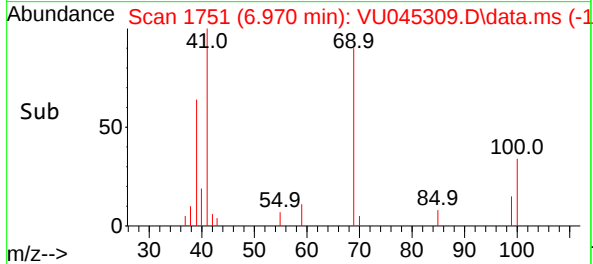




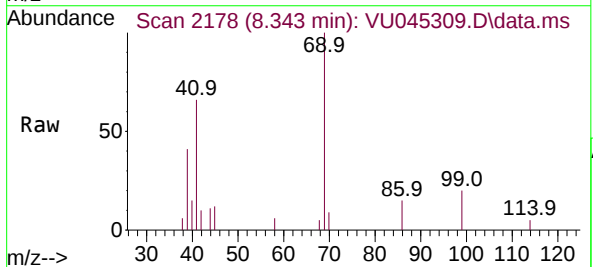
#47
Methyl methacrylate
Concen: 0.848 ug/l
RT: 6.970 min Scan# 1751
Delta R.T. 0.003 min
Lab File: VU045309.D
Acq: 13 Oct 2021 15:38



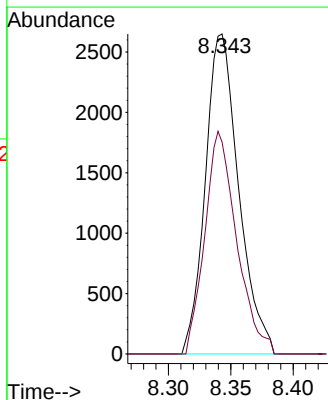
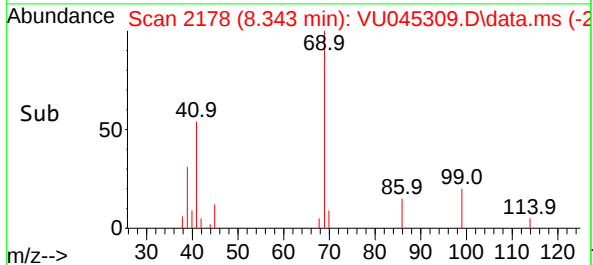
Tgt Ion:	69	Resp:	5187
Ion	Ratio	Lower	Upper
69	100		
41	113.7	0.0	230.0
39	71.9	55.1	82.7
100	35.1	30.3	45.5



#48
Ethyl methacrylate
Concen: 0.409 ug/l
RT: 8.343 min Scan# 2178
Delta R.T. 0.006 min
Lab File: VU045309.D
Acq: 13 Oct 2021 15:38



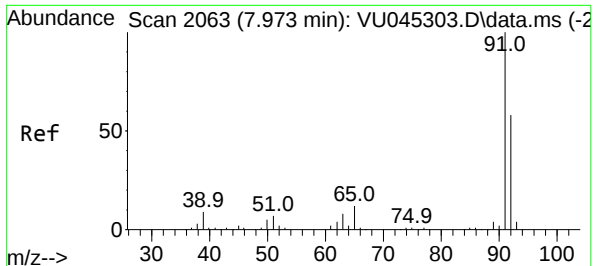
Tgt Ion:	69	Resp:	4938
Ion	Ratio	Lower	Upper
69	100		
41	66.4	32.6	98.0



Instrument :
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ClientSampleId :
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#49

Toluene

Concen: 0.431 ug/l

RT: 7.976 min Scan# 2064

Delta R.T. 0.003 min

Lab File: VU045309.D

Acq: 13 Oct 2021 15:38

Tgt Ion: 92 Resp: 12411

Ion Ratio Lower Upper

92 100

91 161.3 136.8 205.2

Instrument :

MSVOA_U

ClientSampleId :

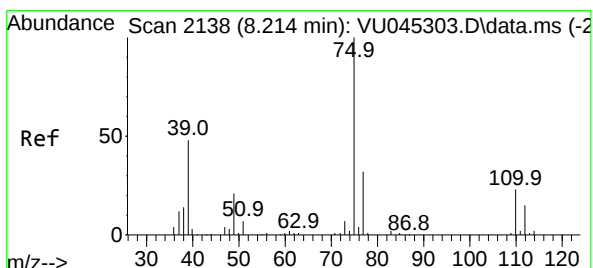
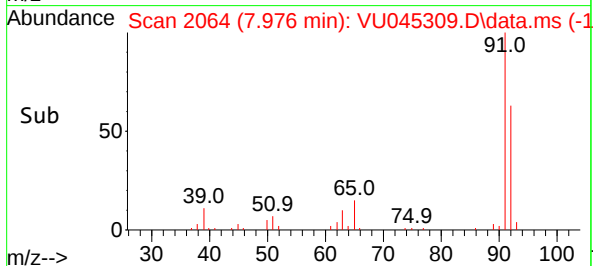
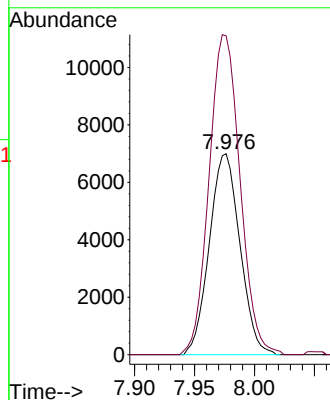
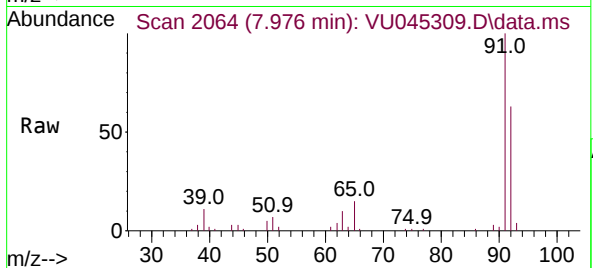
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#50

t-1,3-Dichloropropene

Concen: 0.418 ug/l

RT: 8.218 min Scan# 2139

Delta R.T. 0.003 min

Lab File: VU045309.D

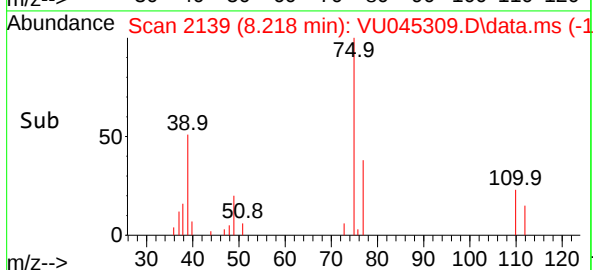
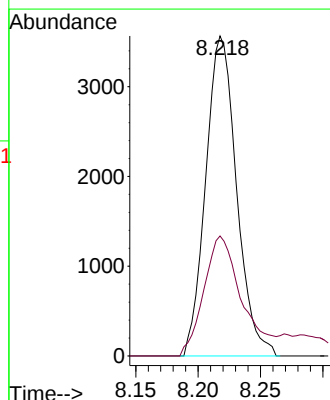
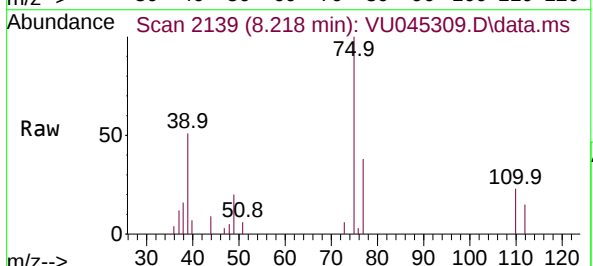
Acq: 13 Oct 2021 15:38

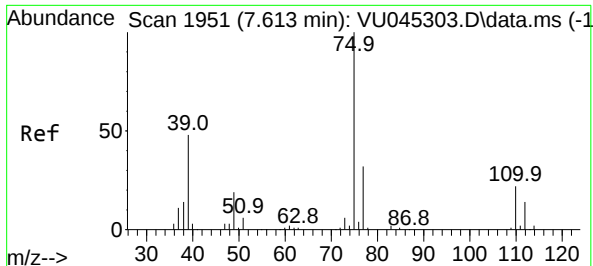
Tgt Ion: 75 Resp: 6148

Ion Ratio Lower Upper

75 100

77 37.5 25.6 38.4





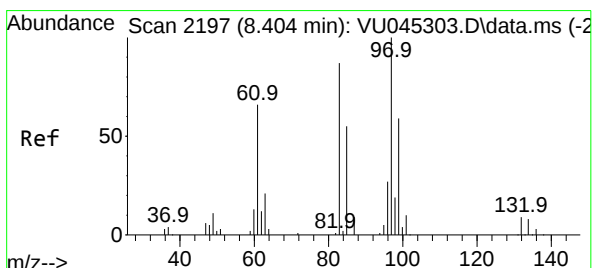
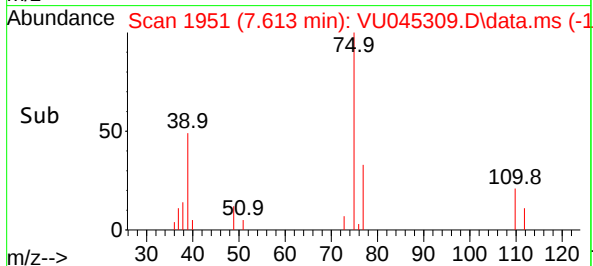
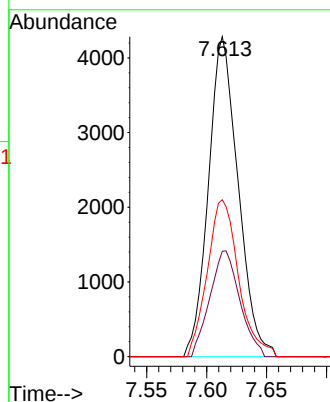
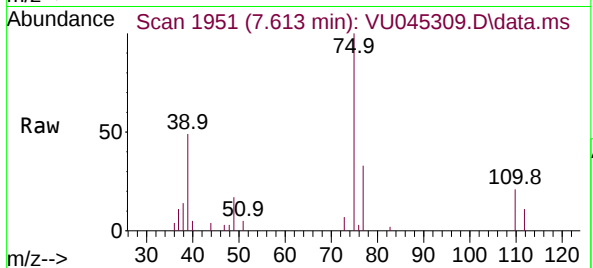
#51
 cis-1,3-Dichloropropene
 Concen: 0.429 ug/l
 RT: 7.613 min Scan# 1951
 Delta R.T. -0.000 min
 Lab File: VU045309.D
 Acq: 13 Oct 2021 15:38

Tgt Ion:	75	Resp:	7374
Ion	Ratio	Lower	Upper
75	100		
77	33.0	25.2	37.8
39	49.0	38.6	57.8

Instrument :
 MSVOA_U
 ClientSampleId :
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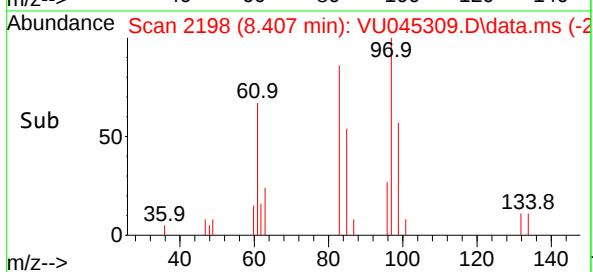
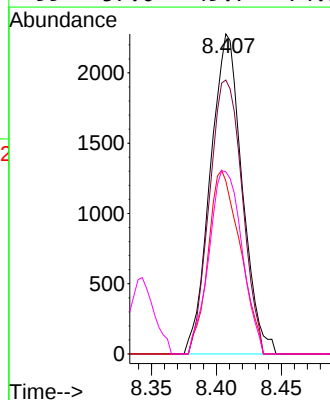
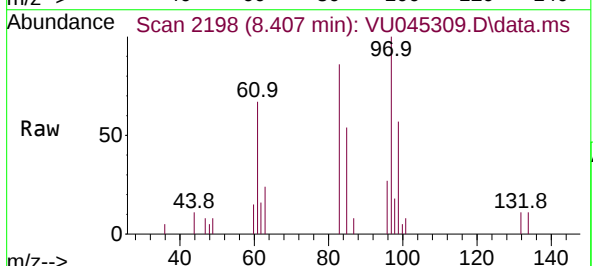
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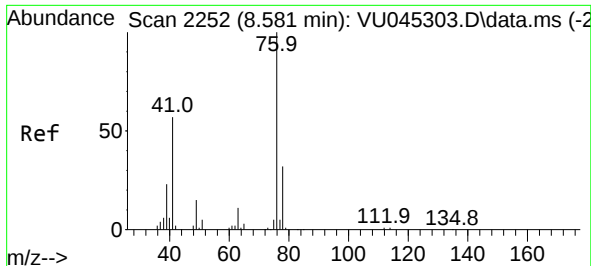
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#52
 1,1,2-Trichloroethane
 Concen: 0.447 ug/l
 RT: 8.407 min Scan# 2198
 Delta R.T. 0.003 min
 Lab File: VU045309.D
 Acq: 13 Oct 2021 15:38

Tgt Ion:	97	Resp:	3886
Ion	Ratio	Lower	Upper
97	100		
83	85.6	69.8	104.8
85	54.1	44.2	66.4
99	57.0	49.7	74.5





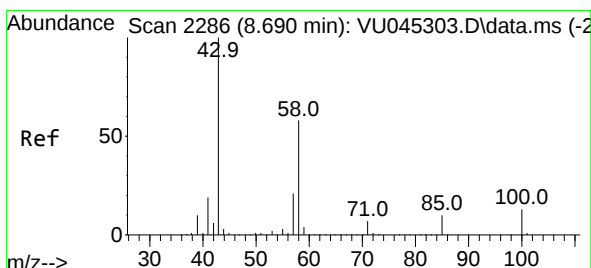
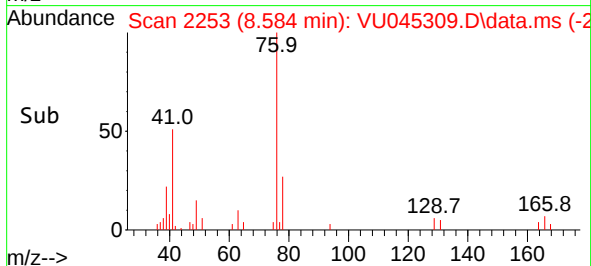
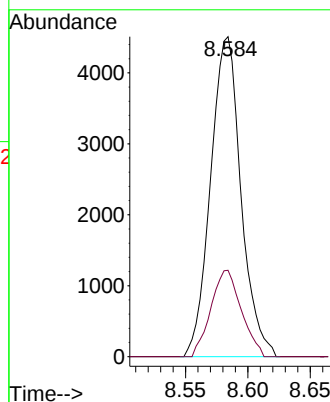
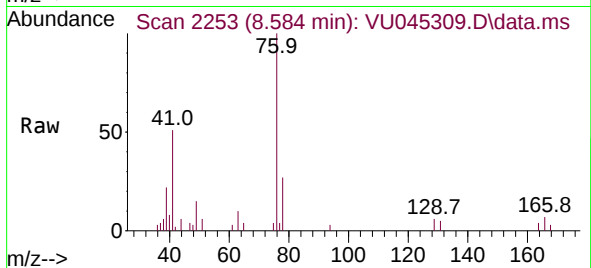
#53
1,3-Dichloropropane
Concen: 0.473 ug/l
RT: 8.584 min Scan# 2253
Delta R.T. 0.003 min
Lab File: VU045309.D
Acq: 13 Oct 2021 15:38

Tgt Ion: 76 Resp: 7661
Ion Ratio Lower Upper
76 100
78 27.0 25.4 38.2

Instrument :
MSVOA_U
ClientSampleId :
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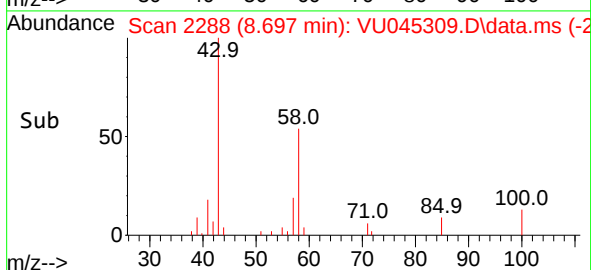
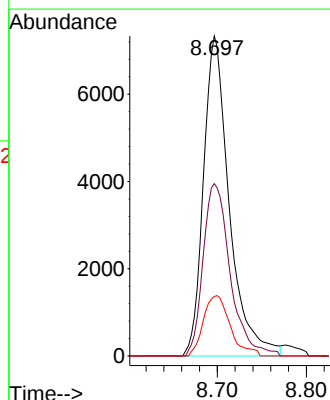
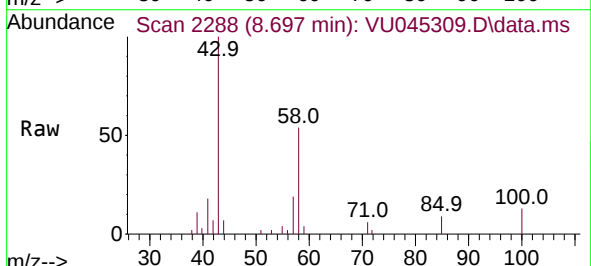
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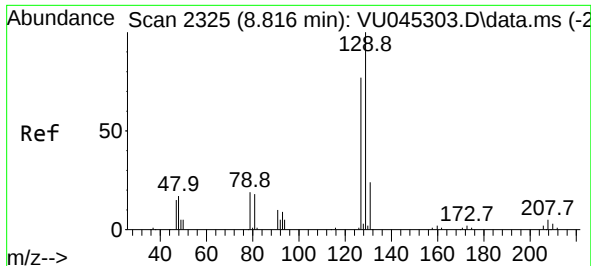
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#54
2-Hexanone
Concen: 2.318 ug/l
RT: 8.697 min Scan# 2288
Delta R.T. 0.006 min
Lab File: VU045309.D
Acq: 13 Oct 2021 15:38

Tgt Ion: 43 Resp: 14743
Ion Ratio Lower Upper
43 100
58 56.5 37.7 77.7
57 19.6 0.5 40.5





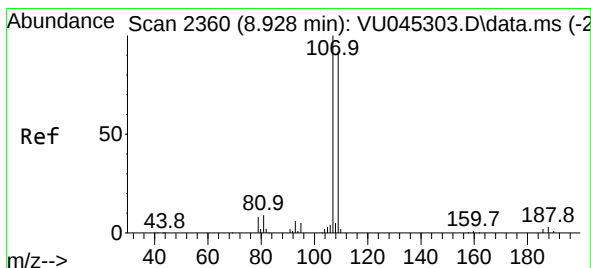
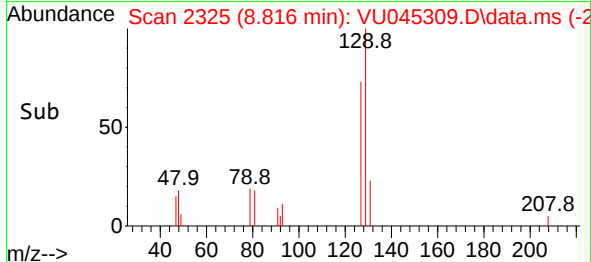
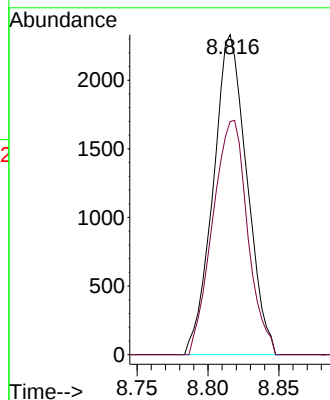
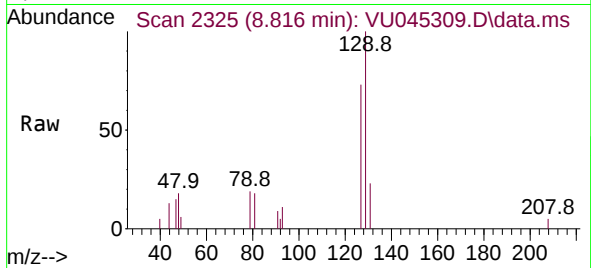
#55
Dibromochloromethane
Concen: 0.422 ug/l
RT: 8.816 min Scan# 2325
Delta R.T. -0.000 min
Lab File: VU045309.D
Acq: 13 Oct 2021 15:38

Tgt Ion:129 Resp: 3856
Ion Ratio Lower Upper
129 100
127 76.0 62.2 93.4

Instrument :
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ClientSampleId :
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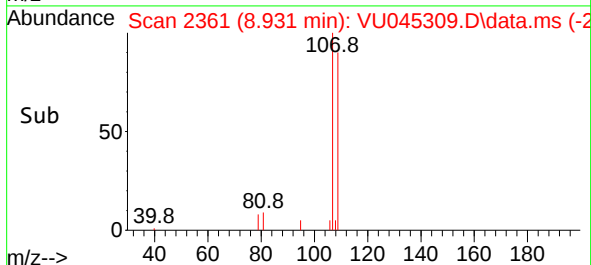
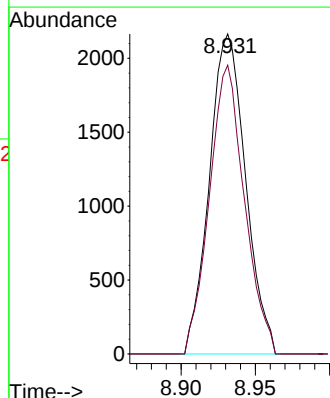
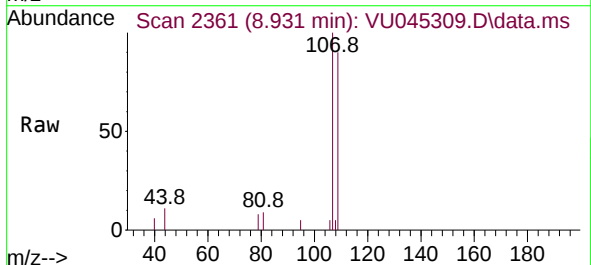
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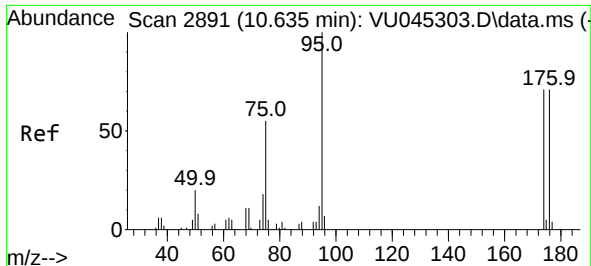
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#56
1,2-Dibromoethane
Concen: 0.449 ug/l
RT: 8.931 min Scan# 2361
Delta R.T. 0.003 min
Lab File: VU045309.D
Acq: 13 Oct 2021 15:38

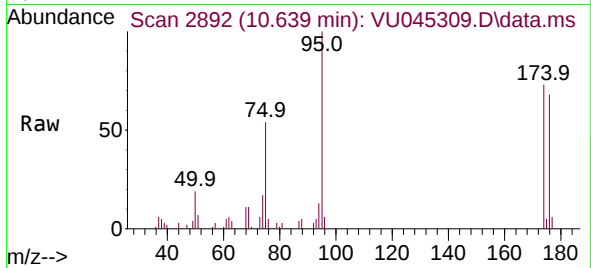
Tgt Ion:107 Resp: 3674
Ion Ratio Lower Upper
107 100
109 87.3 0.0 185.0





#57
4-Bromofluorobenzene
Concen: 0.964 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.003 min
Lab File: VU045309.D
Acq: 13 Oct 2021 15:38

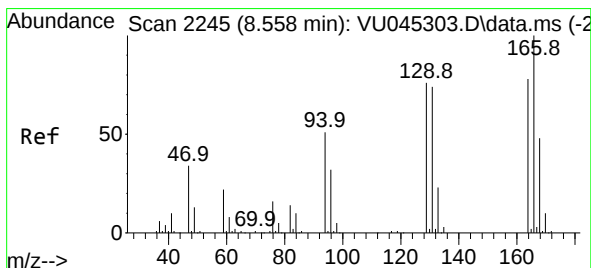
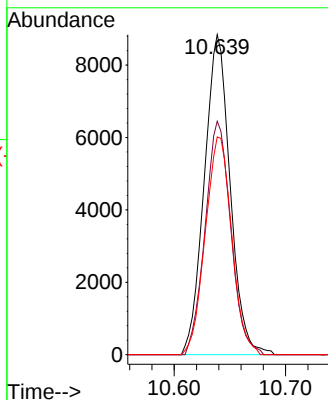
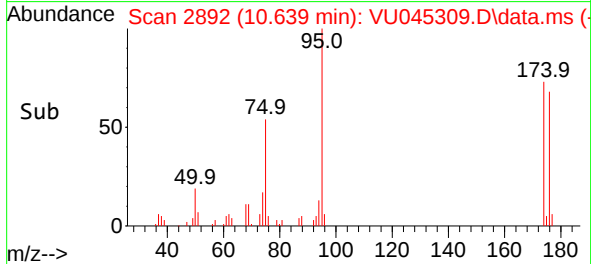
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2021



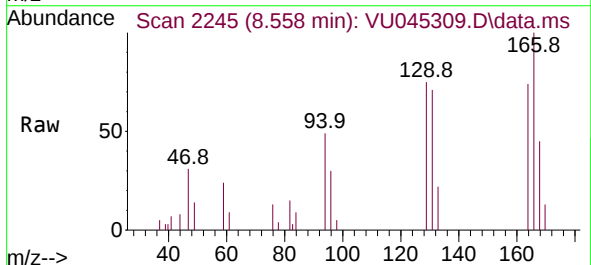
Tgt Ion: 95 Resp: 14268
Ion Ratio Lower Upper
95 100
174 72.3 56.6 84.8
176 69.6 54.3 81.5

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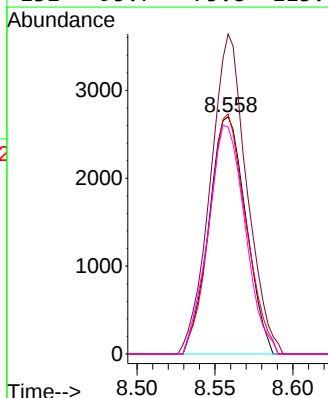
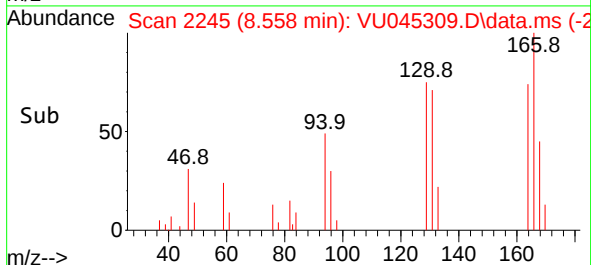
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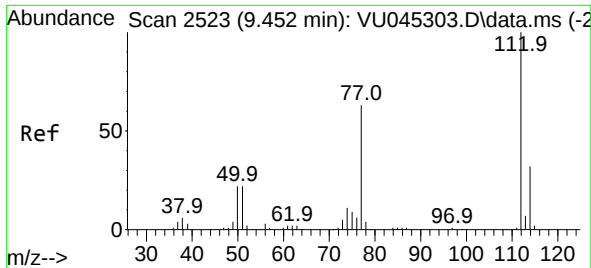


#58
Tetrachloroethene
Concen: 0.435 ug/l
RT: 8.558 min Scan# 2245
Delta R.T. -0.000 min
Lab File: VU045309.D
Acq: 13 Oct 2021 15:38



Tgt Ion: 164 Resp: 4462
Ion Ratio Lower Upper
164 100
166 134.9 102.0 153.0
129 101.1 77.1 115.7
131 95.7 75.8 113.6





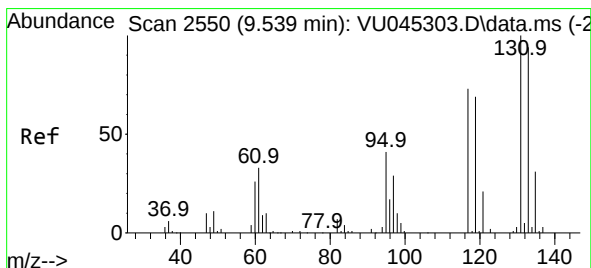
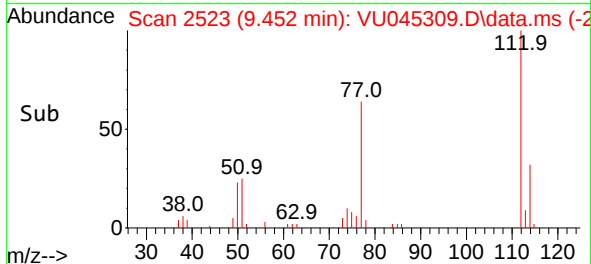
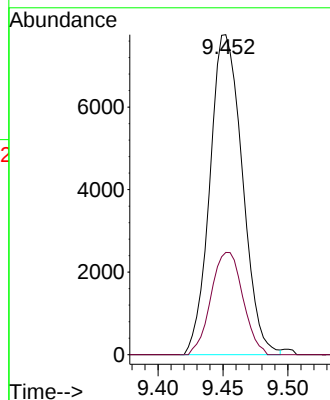
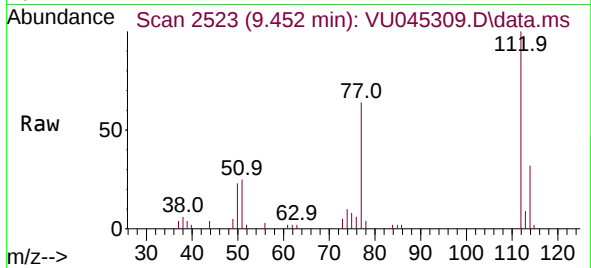
#59
Chlorobenzene
Concen: 0.452 ug/l
RT: 9.452 min Scan# 2523
Delta R.T. -0.000 min
Lab File: VU045309.D
Acq: 13 Oct 2021 15:38

Tgt Ion:112 Resp: 13479
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.0

Instrument :
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ClientSampleId :
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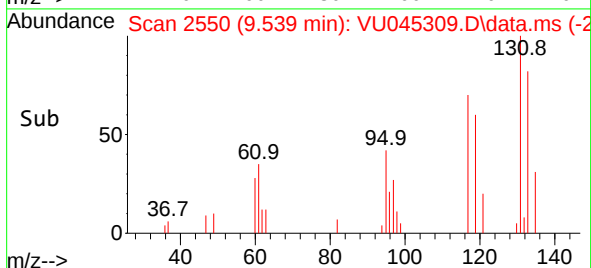
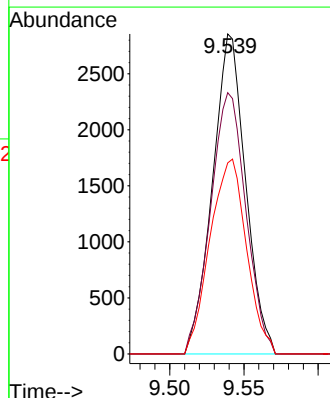
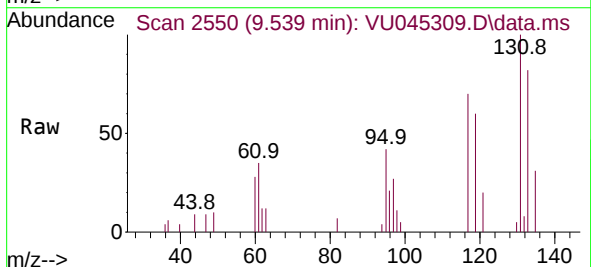
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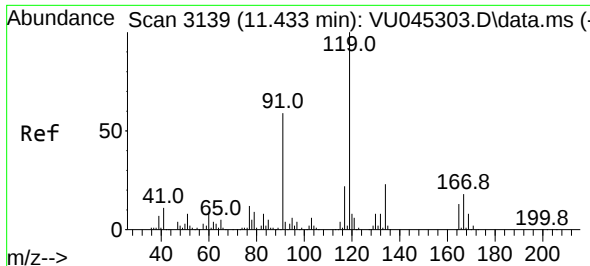
apatel
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#60
1,1,1,2-Tetrachloroethane
Concen: 0.445 ug/l
RT: 9.539 min Scan# 2550
Delta R.T. -0.000 min
Lab File: VU045309.D
Acq: 13 Oct 2021 15:38

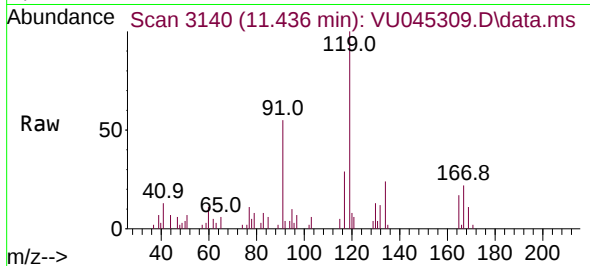
Tgt Ion:131 Resp: 4418
Ion Ratio Lower Upper
131 100
133 87.5 76.0 114.0
119 67.3 54.9 82.3





#61
 Pentachloroethane
 Concen: 0.431 ug/l
 RT: 11.436 min Scan# 3140
 Delta R.T. 0.003 min
 Lab File: VU045309.D
 Acq: 13 Oct 2021 15:38

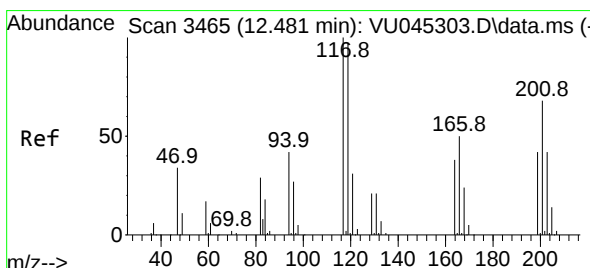
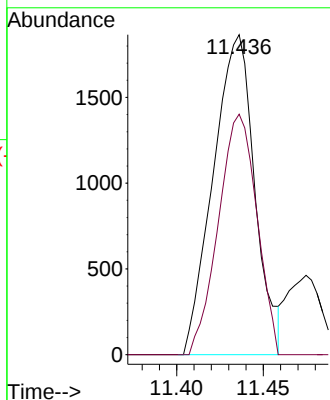
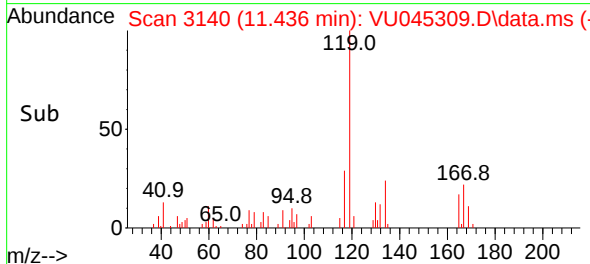
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT4-2021



Tgt Ion:117 Resp: 3116
 Ion Ratio Lower Upper
 117 100
 167 69.4 59.7 89.5

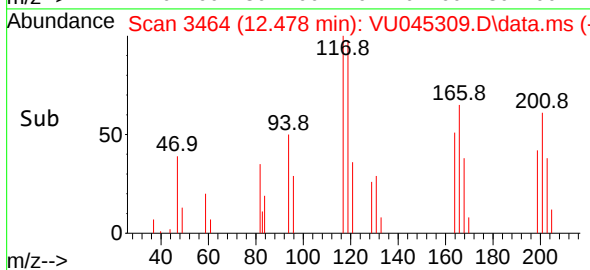
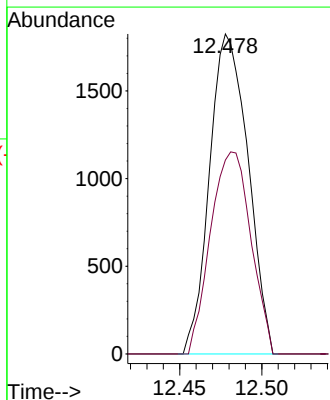
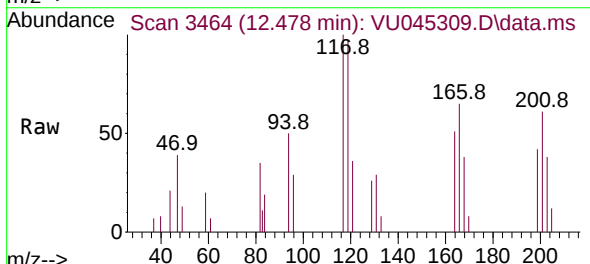
Manual Integrations
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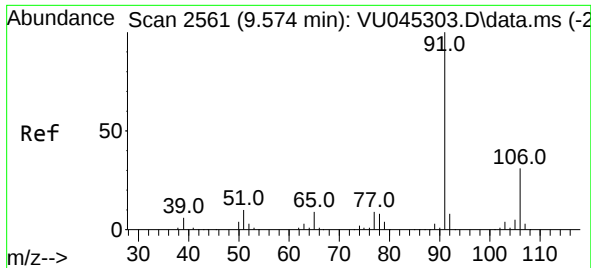
apatel
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#62
 Hexachloroethane
 Concen: 0.391 ug/l
 RT: 12.478 min Scan# 3464
 Delta R.T. -0.003 min
 Lab File: VU045309.D
 Acq: 13 Oct 2021 15:38

Tgt Ion:117 Resp: 2968
 Ion Ratio Lower Upper
 117 100
 201 66.2 53.6 80.4





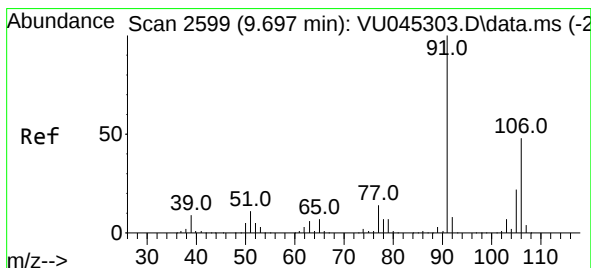
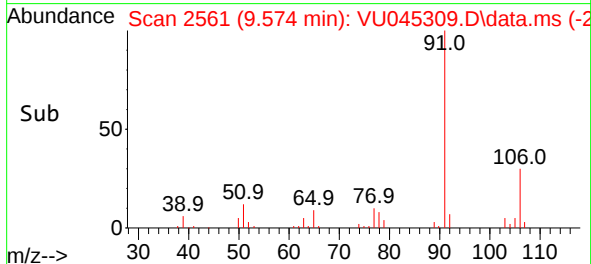
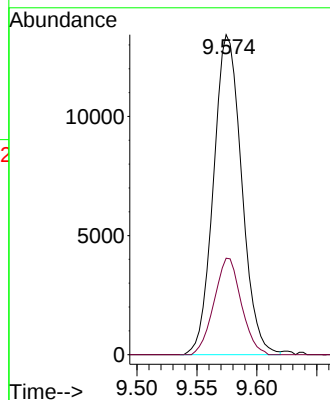
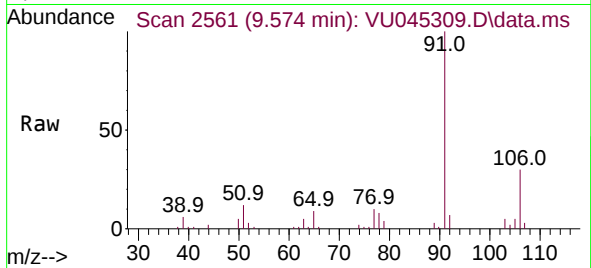
#63
Ethyl Benzene
Concen: 0.408 ug/l
RT: 9.574 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU045309.D
Acq: 13 Oct 2021 15:38

Tgt Ion: 91 Resp: 21903
Ion Ratio Lower Upper
91 100
106 30.1 24.4 36.6

Instrument :
MSVOA_U
ClientSampleId :
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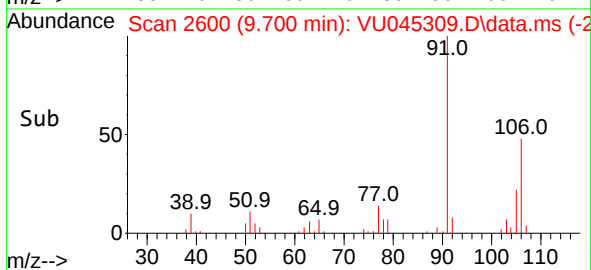
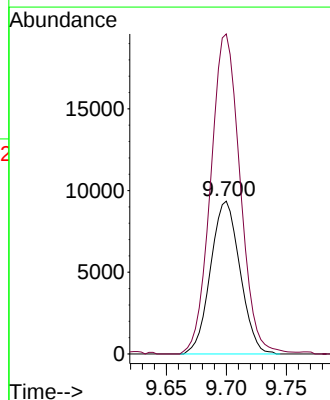
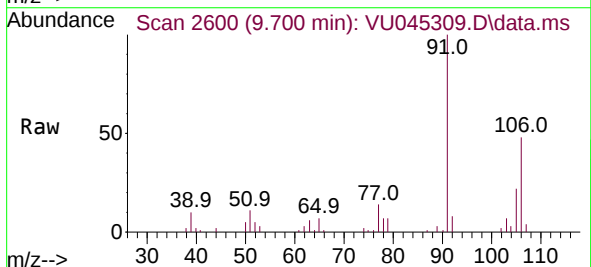
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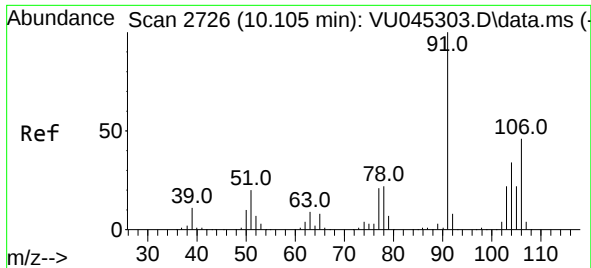
apatel
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#64
m/p-Xylenes
Concen: 0.783 ug/l
RT: 9.700 min Scan# 2600
Delta R.T. 0.003 min
Lab File: VU045309.D
Acq: 13 Oct 2021 15:38

Tgt Ion: 106 Resp: 15935
Ion Ratio Lower Upper
106 100
91 210.1 165.5 248.3





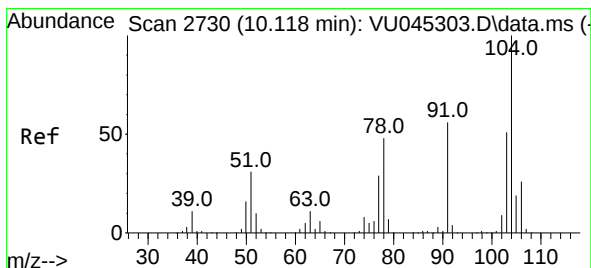
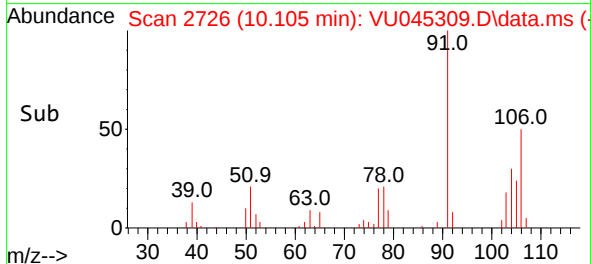
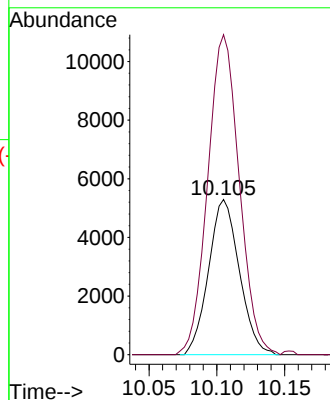
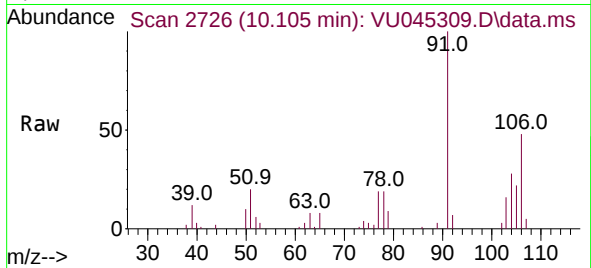
#65
o-Xylene
Concen: 0.421 ug/l
RT: 10.105 min Scan# 2726
Delta R.T. -0.000 min
Lab File: VU045309.D
Acq: 13 Oct 2021 15:38

Tgt Ion:106 Resp: 8366
Ion Ratio Lower Upper
106 100
91 211.0 109.4 328.2

Instrument :
MSVOA_U
ClientSampleId :
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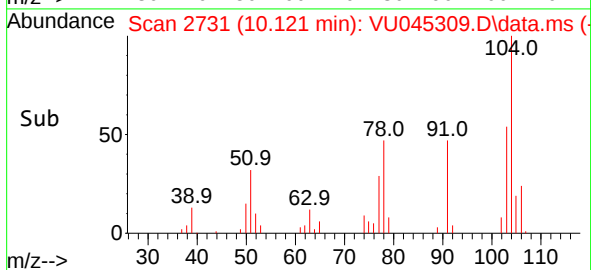
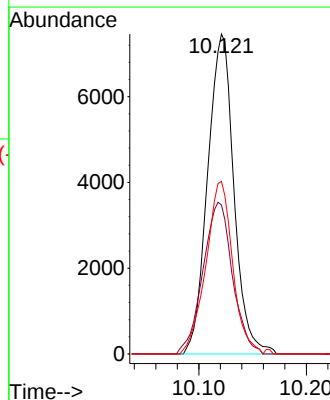
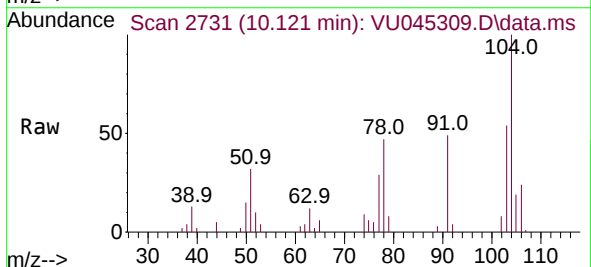
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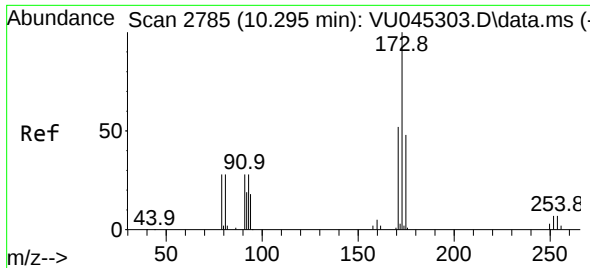
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#66
Styrene
Concen: 0.389 ug/l
RT: 10.121 min Scan# 2731
Delta R.T. 0.003 min
Lab File: VU045309.D
Acq: 13 Oct 2021 15:38

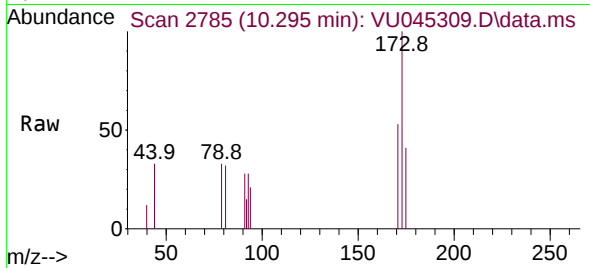
Tgt Ion:104 Resp: 12658
Ion Ratio Lower Upper
104 100
78 53.2 42.4 63.6
103 54.9 44.2 66.4





#67
Bromoform
Concen: 0.399 ug/l
RT: 10.295 min Scan# 2785
Delta R.T. -0.000 min
Lab File: VU045309.D
Acq: 13 Oct 2021 15:38

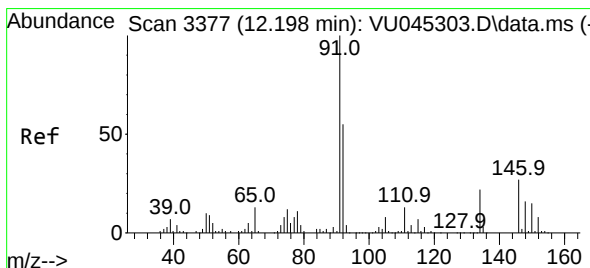
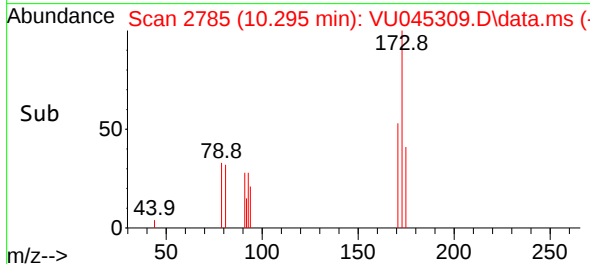
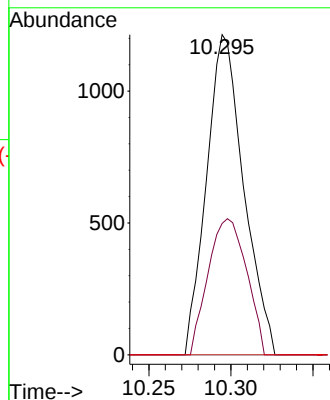
Instrument :
MSVOA_U
ClientSampleId :
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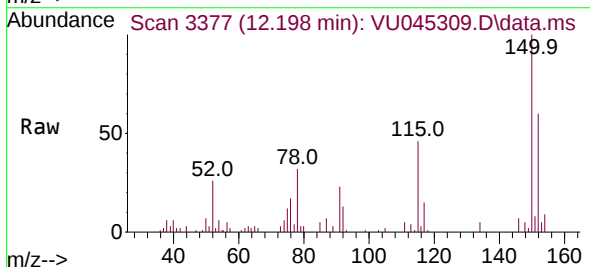
Tgt Ion:173 Resp: 1908
Ion Ratio Lower Upper
173 100
175 43.9 39.0 58.4
254 0.0 5.5 8.3#

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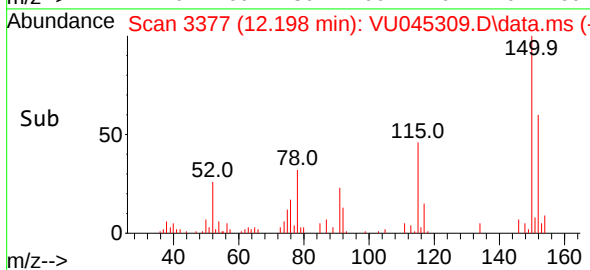
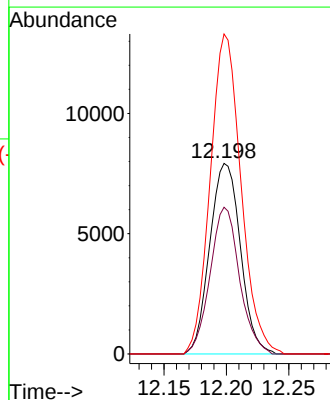
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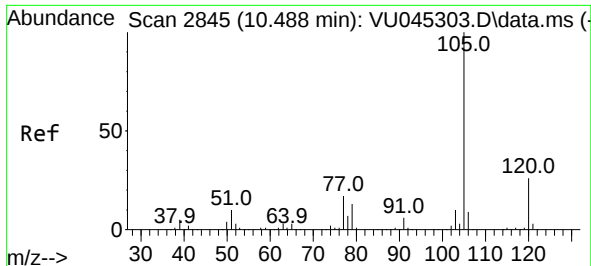


#68
1,2-Dichlorobenzene-d4
Concen: 0.980 ug/l
RT: 12.198 min Scan# 3377
Delta R.T. -0.000 min
Lab File: VU045309.D
Acq: 13 Oct 2021 15:38



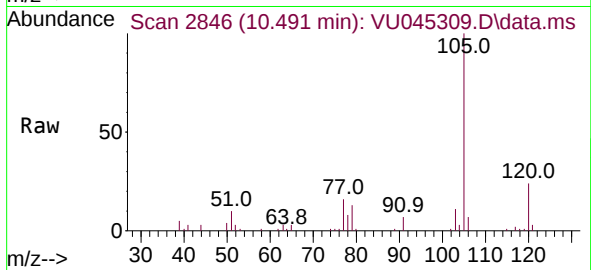
Tgt Ion:152 Resp: 13585
Ion Ratio Lower Upper
152 100
115 73.8 0.0 251.0
150 168.0 0.0 613.8





#69
Isopropylbenzene
Concen: 0.406 ug/l
RT: 10.491 min Scan# 2846
Delta R.T. 0.003 min
Lab File: VU045309.D
Acq: 13 Oct 2021 15:38

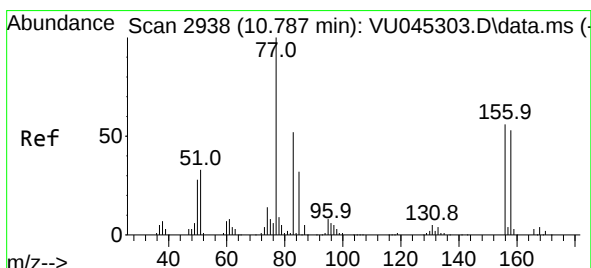
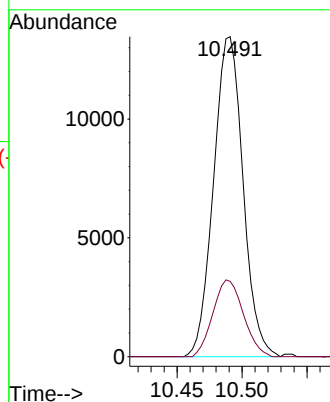
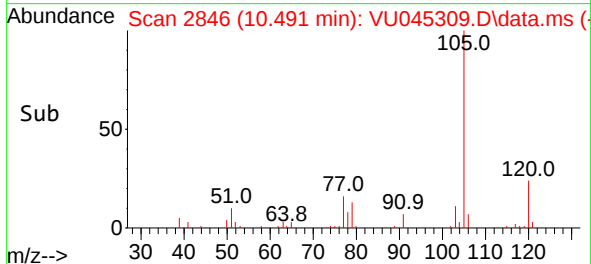
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2021



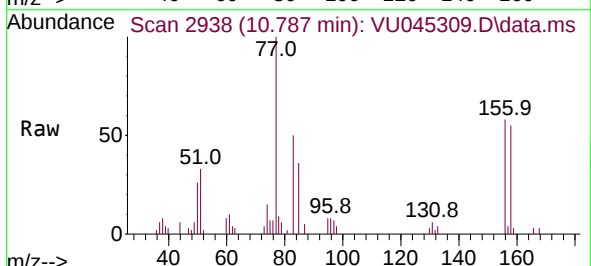
Tgt Ion:105 Resp: 21216
Ion Ratio Lower Upper
105 100
120 24.8 12.8 38.4

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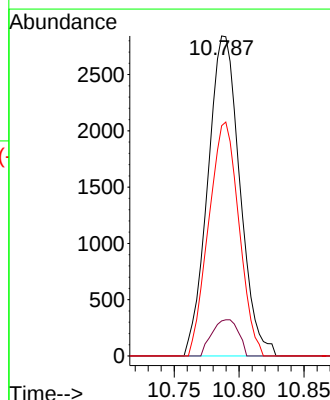
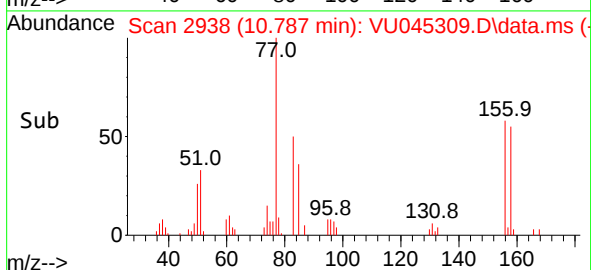
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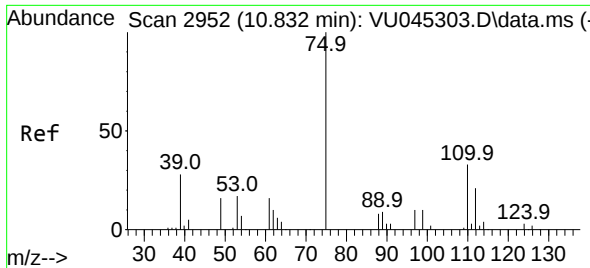


#70
1,1,2,2-Tetrachloroethane
Concen: 0.436 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. -0.000 min
Lab File: VU045309.D
Acq: 13 Oct 2021 15:38

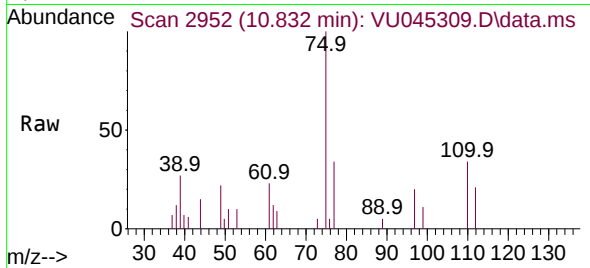


Tgt Ion: 83 Resp: 4868
Ion Ratio Lower Upper
83 100
131 9.3 7.6 11.4
85 69.0 50.9 76.3

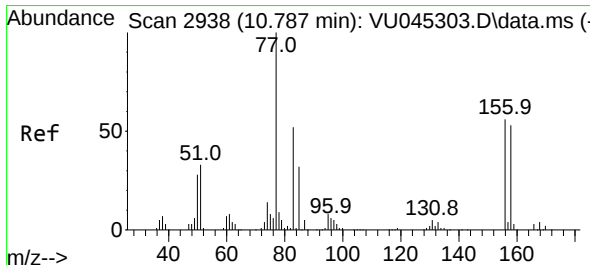
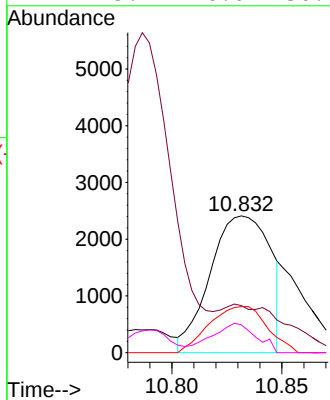
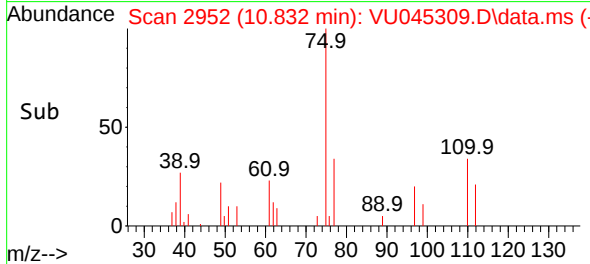




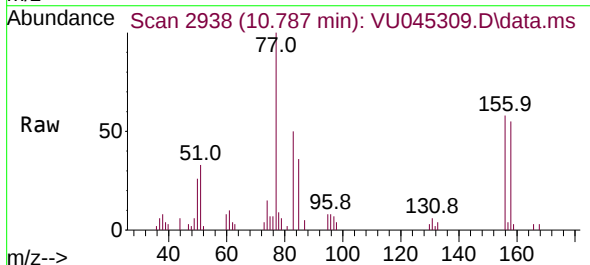
#71
1,2,3-Trichloropropane
Concen: 0.497 ug/l m
RT: 10.832 min Scan# 2952
Delta R.T. -0.000 min
Lab File: VU045309.D
Acq: 13 Oct 2021 15:38



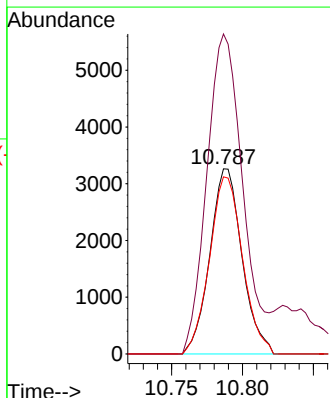
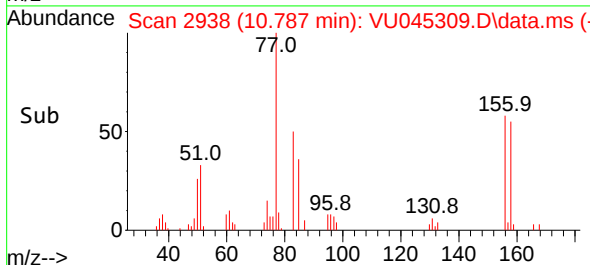
Tgt Ion:	75	Resp:	4577
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	105.6
110	32.4	0.0	71.2
97	15.9	0.0	36.8



#72
Bromobenzene
Concen: 0.447 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. -0.000 min
Lab File: VU045309.D
Acq: 13 Oct 2021 15:38



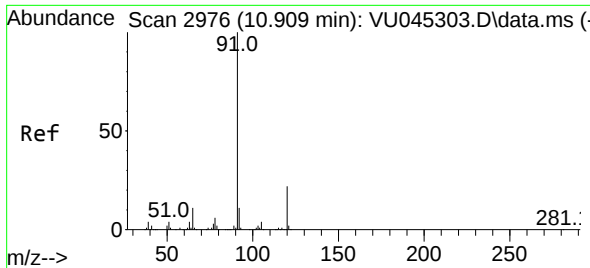
Tgt Ion:	156	Resp:	5151
Ion	Ratio	Lower	Upper
156	100		
77	192.3	0.0	370.6
158	98.3	0.0	193.4



Instrument :
MSVOA_U
ClientSampleId :
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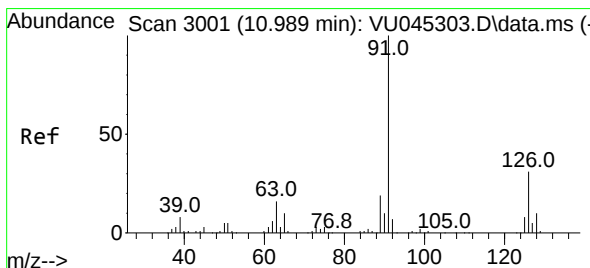
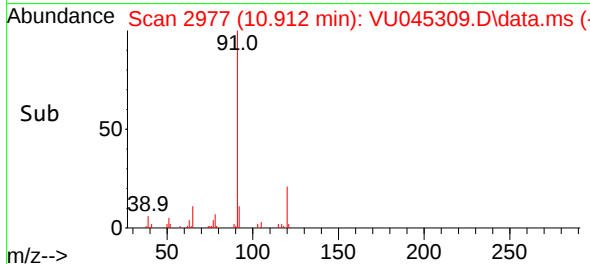
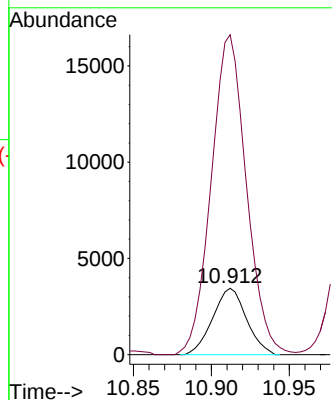
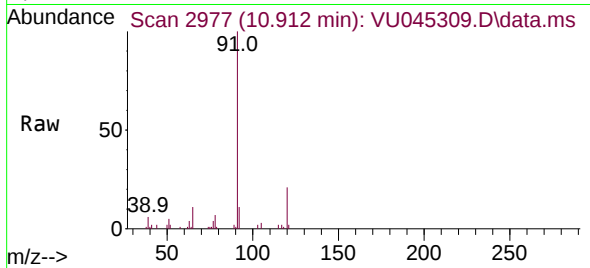
#73
n-propylbenzene
Concen: 0.380 ug/l
RT: 10.912 min Scan# 2977
Delta R.T. 0.003 min
Lab File: VU045309.D
Acq: 13 Oct 2021 15:38

Tgt Ion:120 Resp: 5196
Ion Ratio Lower Upper
120 100
91 502.1 370.7 556.1

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2021

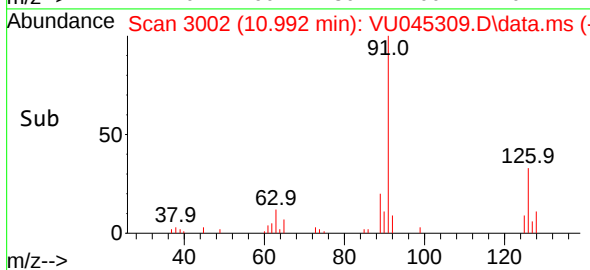
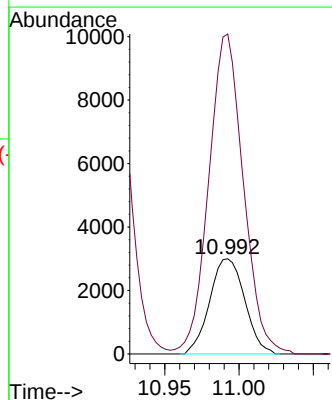
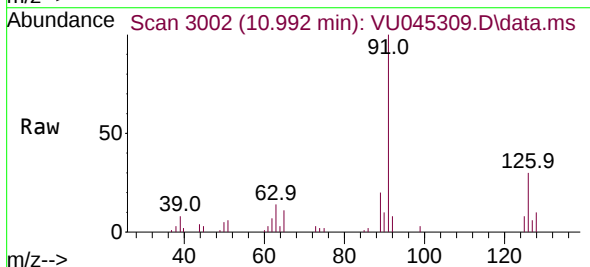
Manual Integrations
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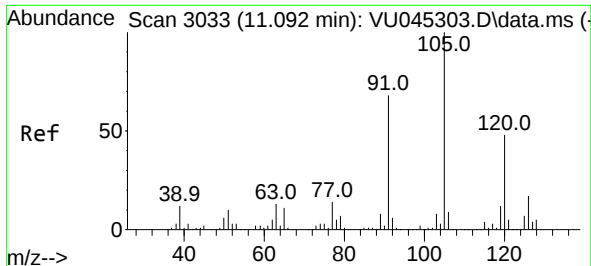
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#74
2-Chlorotoluene
Concen: 0.417 ug/l
RT: 10.992 min Scan# 3002
Delta R.T. 0.003 min
Lab File: VU045309.D
Acq: 13 Oct 2021 15:38

Tgt Ion:126 Resp: 4917
Ion Ratio Lower Upper
126 100
91 332.2 0.0 639.6





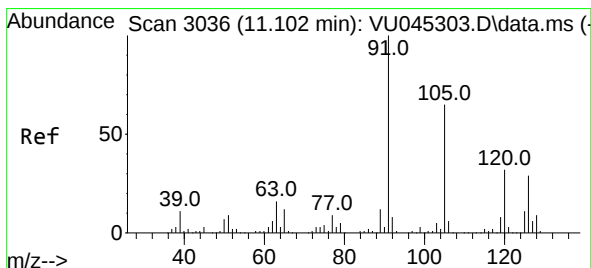
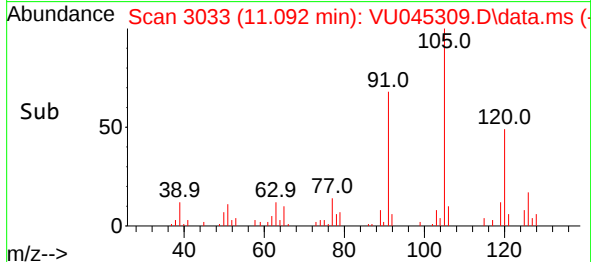
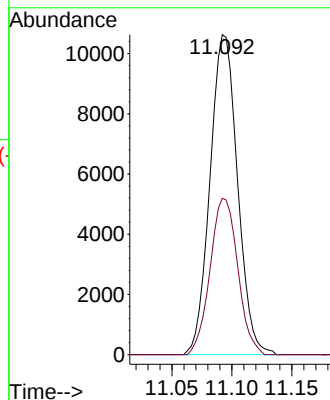
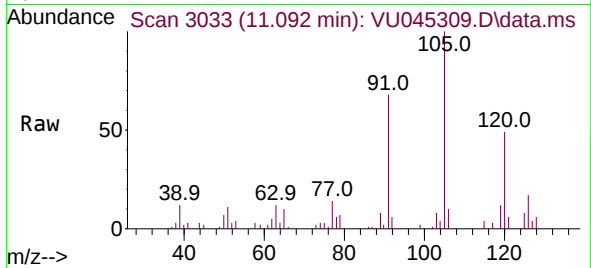
#75
1,3,5-Trimethylbenzene
Concen: 0.389 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. -0.000 min
Lab File: VU045309.D
Acq: 13 Oct 2021 15:38

Tgt Ion:105 Resp: 16948
Ion Ratio Lower Upper
105 100
120 49.1 38.6 58.0

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2021

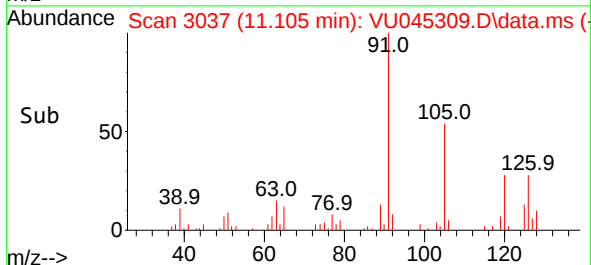
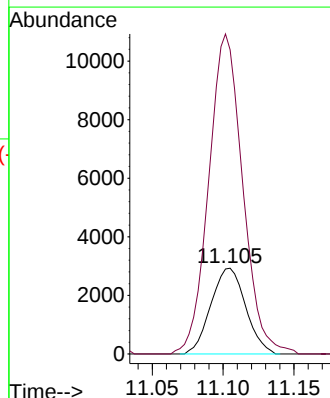
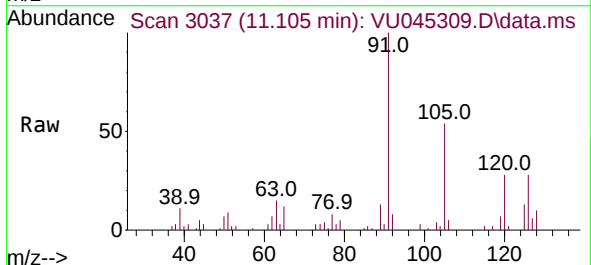
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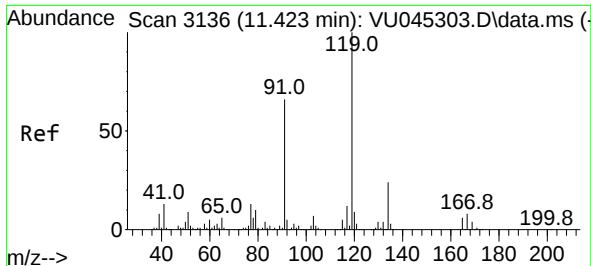
apatel
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#76
4-Chlorotoluene
Concen: 0.415 ug/l
RT: 11.105 min Scan# 3037
Delta R.T. 0.003 min
Lab File: VU045309.D
Acq: 13 Oct 2021 15:38

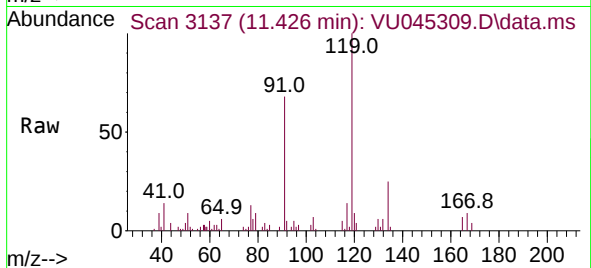
Tgt Ion:126 Resp: 4999
Ion Ratio Lower Upper
126 100
91 364.7 0.0 728.0





#77
tert-Butylbenzene
Concen: 0.406 ug/l
RT: 11.426 min Scan# 3137
Delta R.T. 0.003 min
Lab File: VU045309.D
Acq: 13 Oct 2021 15:38

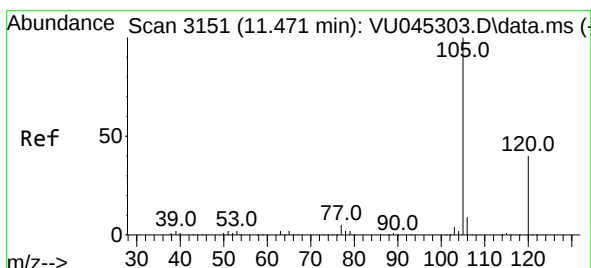
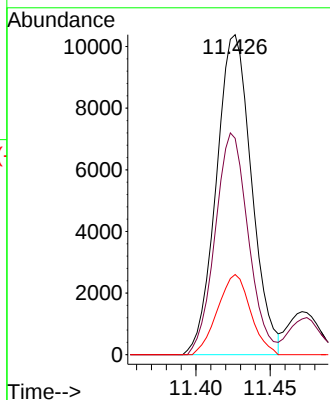
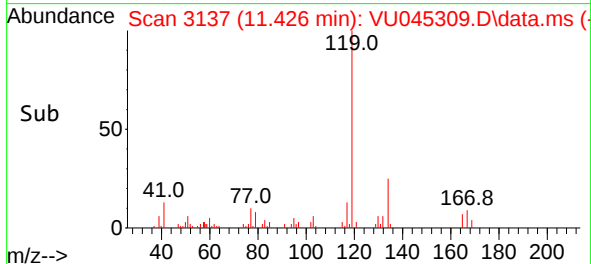
Instrument :
MSVOA_U
ClientSampleId :
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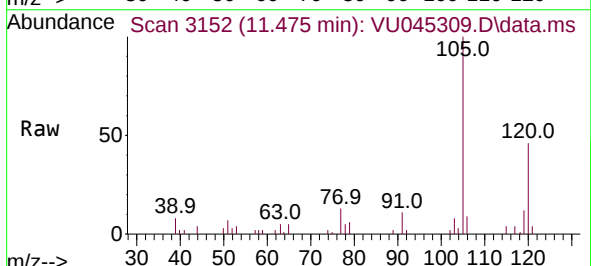
Tgt Ion	Ratio	Lower	Upper
119	100		
91	65.3	31.4	94.3
134	23.4	18.5	27.7

Manual Integrations
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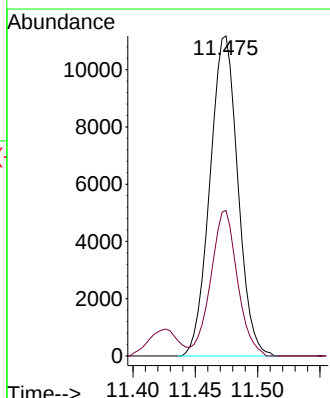
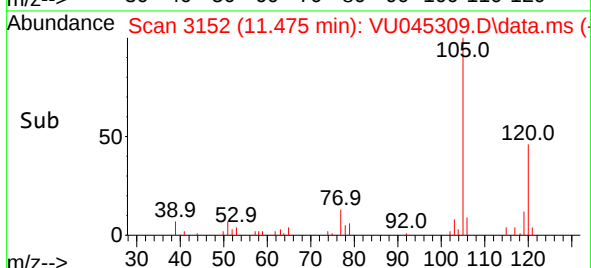
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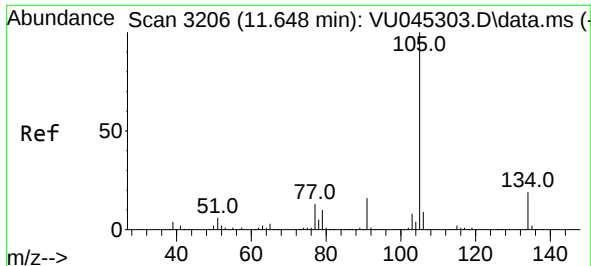


#78
1,2,4-Trimethylbenzene
Concen: 0.392 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VU045309.D
Acq: 13 Oct 2021 15:38



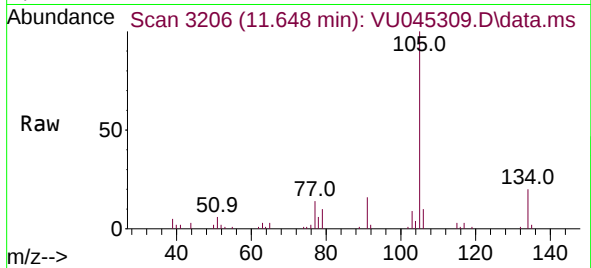
Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.4	22.3	66.8





#79
 sec-Butylbenzene
 Concen: 0.400 ug/l
 RT: 11.648 min Scan# 3206
 Delta R.T. -0.000 min
 Lab File: VU045309.D
 Acq: 13 Oct 2021 15:38

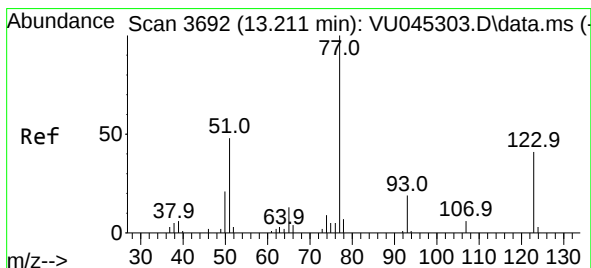
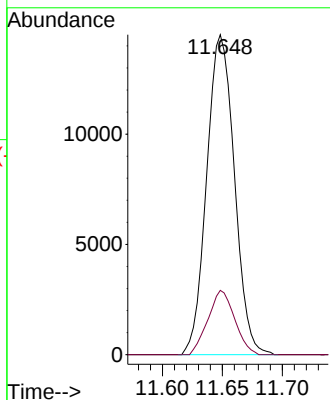
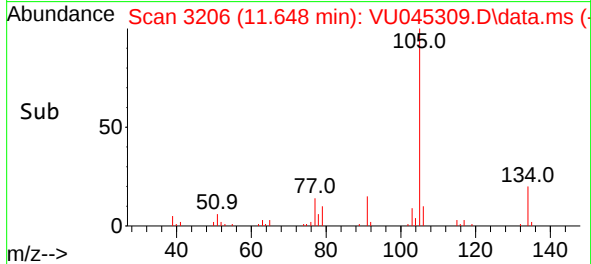
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT4-2021



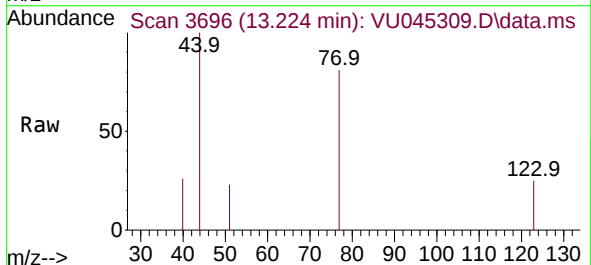
Tgt Ion:105 Resp: 23316
 Ion Ratio Lower Upper
 105 100
 134 19.3 15.4 23.0

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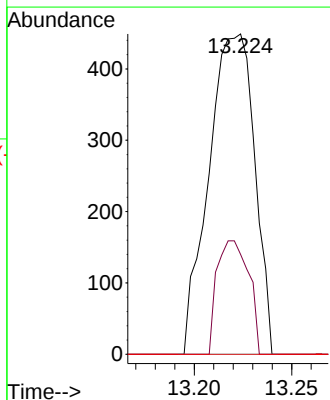
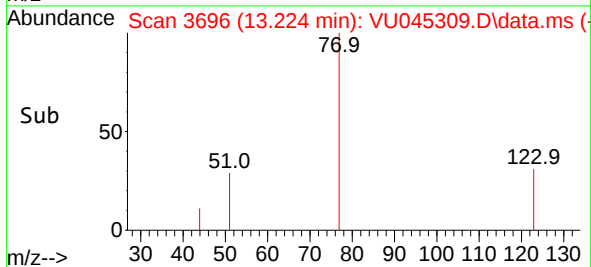
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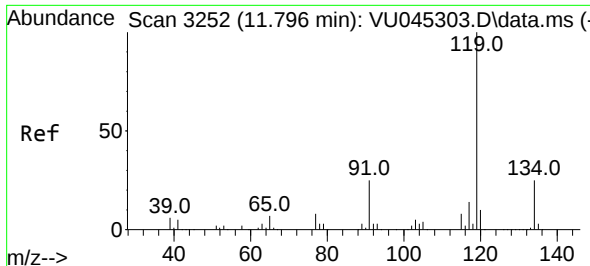


#80
 Nitrobenzene
 Concen: 2.308 ug/l
 RT: 13.224 min Scan# 3696
 Delta R.T. 0.013 min
 Lab File: VU045309.D
 Acq: 13 Oct 2021 15:38

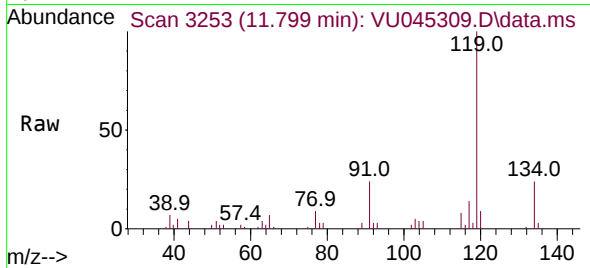


Tgt Ion: 77 Resp: 734
 Ion Ratio Lower Upper
 77 100
 123 24.5 18.2 64.4
 65 0.0 12.0 15.2#

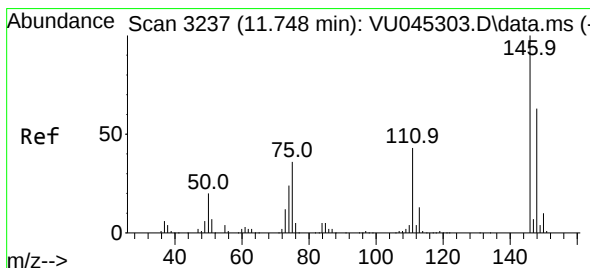
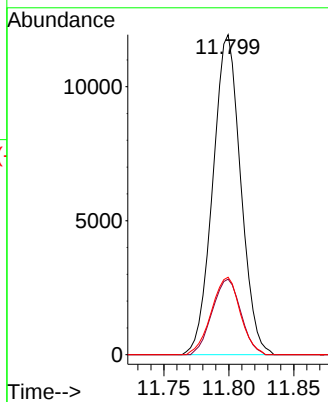
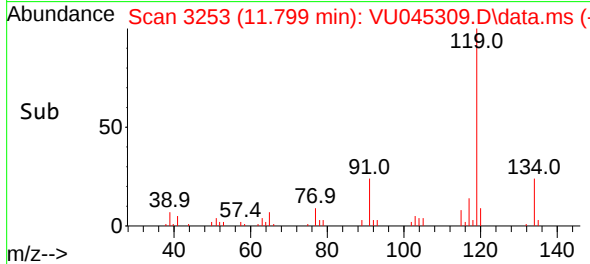




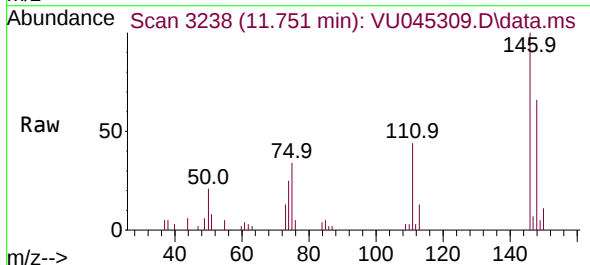
#81
p-Isopropyltoluene
Concen: 0.380 ug/l
RT: 11.799 min Scan# 3253
Delta R.T. 0.003 min
Lab File: VU045309.D
Acq: 13 Oct 2021 15:38



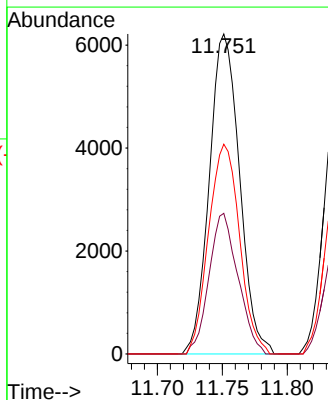
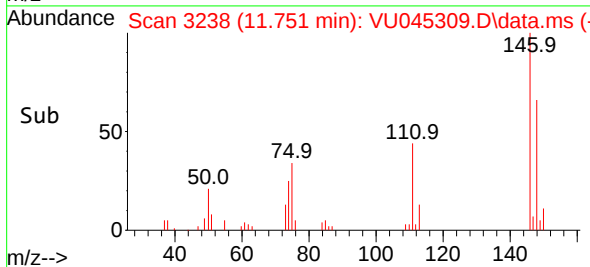
Tgt Ion:119 Resp: 17788
Ion Ratio Lower Upper
119 100
134 24.2 20.2 30.4
91 25.1 19.9 29.9



#82
1,3-Dichlorobenzene
Concen: 0.437 ug/l
RT: 11.751 min Scan# 3238
Delta R.T. 0.003 min
Lab File: VU045309.D
Acq: 13 Oct 2021 15:38



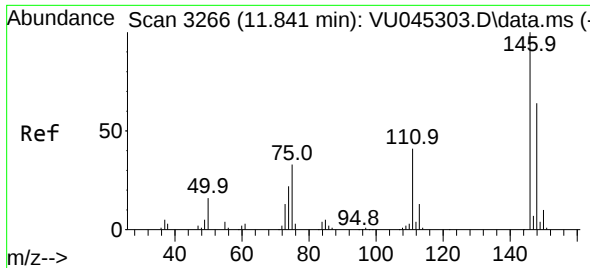
Tgt Ion:146 Resp: 10058
Ion Ratio Lower Upper
146 100
111 42.2 33.9 50.9
148 67.1 50.9 76.3



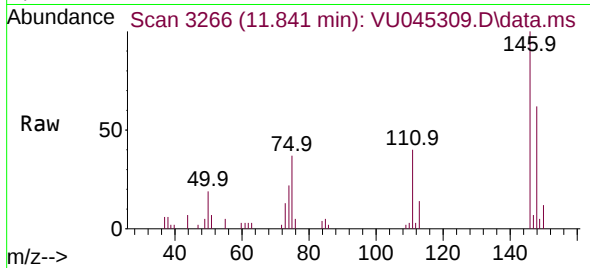
Instrument :
MSVOA_U
ClientSampleId :
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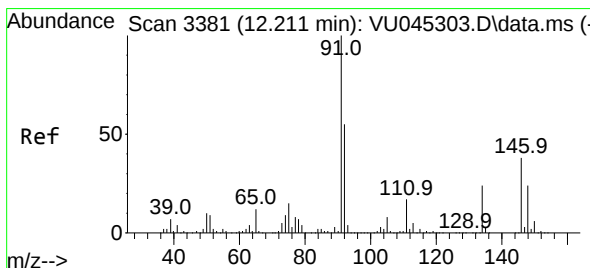
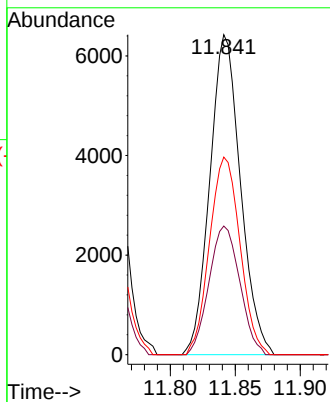
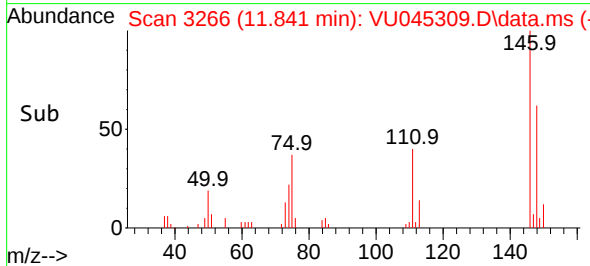
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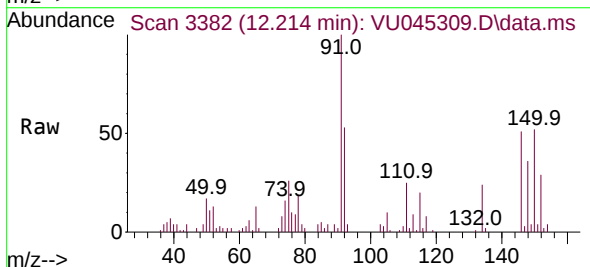
#83
1,4-Dichlorobenzene
Concen: 0.462 ug/l
RT: 11.841 min Scan# 3266
Delta R.T. -0.000 min
Lab File: VU045309.D
Acq: 13 Oct 2021 15:38



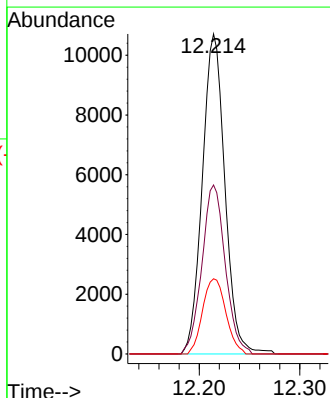
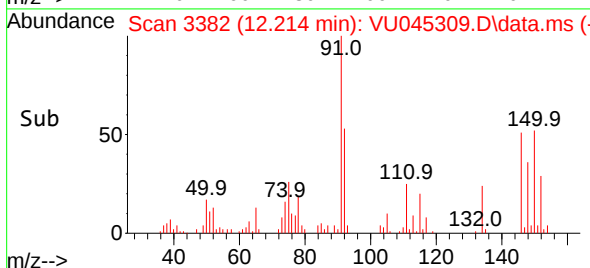
Tgt Ion: 146 Resp: 10529
Ion Ratio Lower Upper
146 100
111 40.3 32.7 49.1
148 61.4 51.4 77.0



#84
n-Butylbenzene
Concen: 0.375 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. 0.003 min
Lab File: VU045309.D
Acq: 13 Oct 2021 15:38



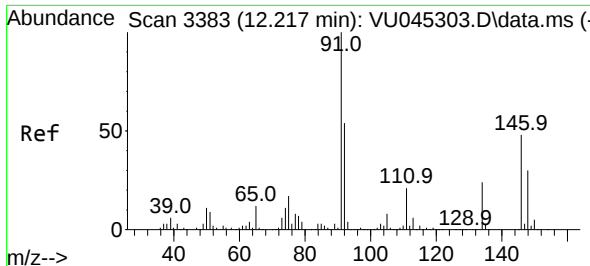
Tgt Ion: 91 Resp: 16700
Ion Ratio Lower Upper
91 100
92 54.7 43.5 65.3
134 24.1 19.0 28.4



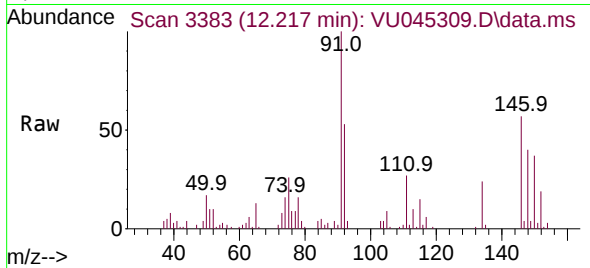
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2021

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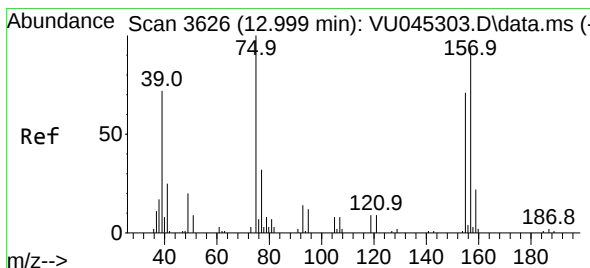
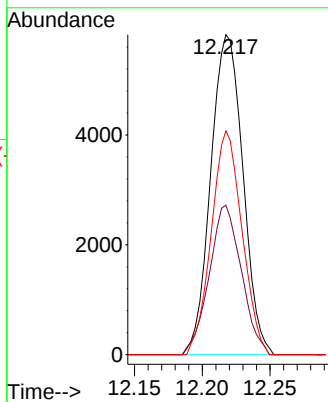
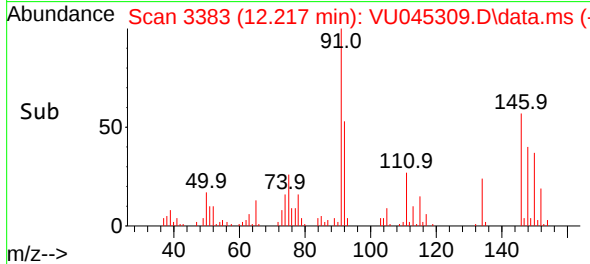
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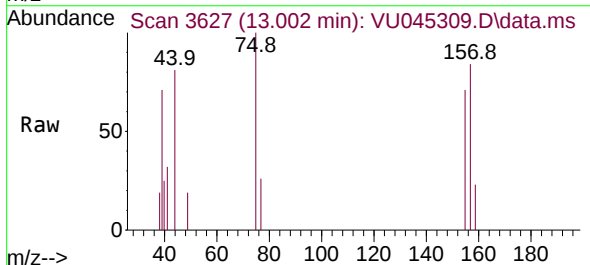
#85
1,2-Dichlorobenzene
Concen: 0.439 ug/l
RT: 12.217 min Scan# 3383
Delta R.T. -0.000 min
Lab File: VU045309.D
Acq: 13 Oct 2021 15:38



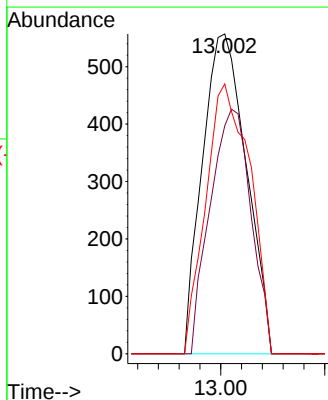
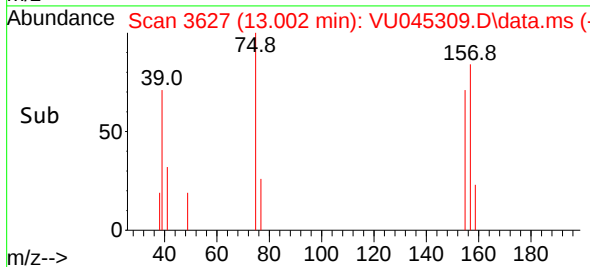
Tgt Ion: 146 Resp: 9611
Ion Ratio Lower Upper
146 100
111 46.8 22.1 66.1
148 66.8 31.6 94.7



#86
1,2-Dibromo-3-Chloropropane
Concen: 0.441 ug/l
RT: 13.002 min Scan# 3627
Delta R.T. 0.003 min
Lab File: VU045309.D
Acq: 13 Oct 2021 15:38



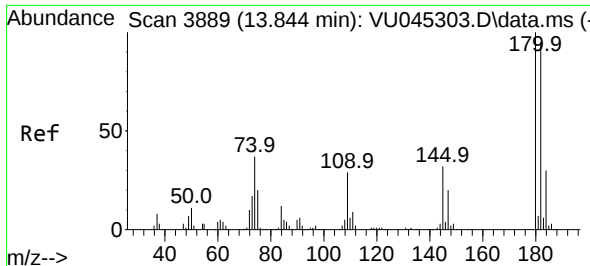
Tgt Ion: 75 Resp: 818
Ion Ratio Lower Upper
75 100
155 71.3 57.8 86.8
157 85.3 75.1 112.7



Instrument :
MSVOA_U
ClientSampleId :
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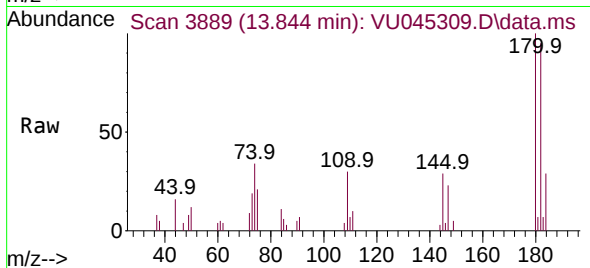
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#87
1,2,4-Trichlorobenzene
Concen: 0.427 ug/l
RT: 13.844 min Scan# 3889
Delta R.T. -0.000 min
Lab File: VU045309.D
Acq: 13 Oct 2021 15:38

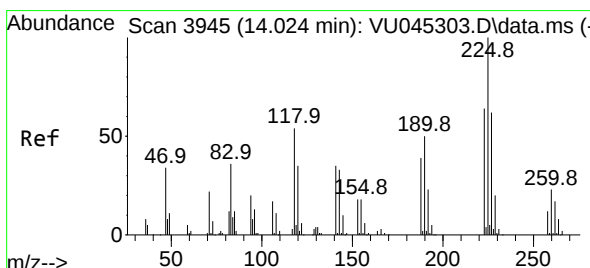
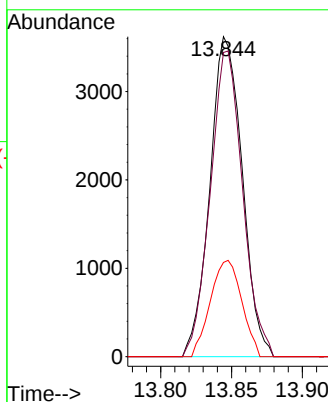
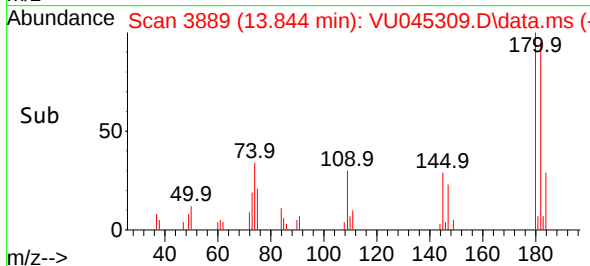
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2021



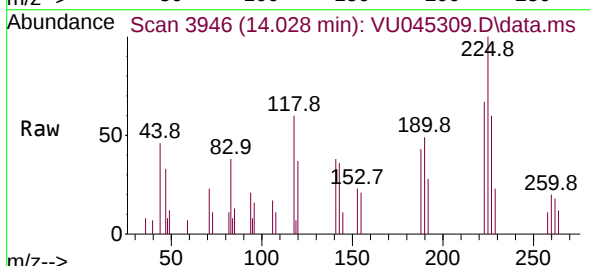
Tgt Ion:180 Resp: 5754
Ion Ratio Lower Upper
180 100
182 95.4 75.8 113.8
145 29.1 25.3 37.9

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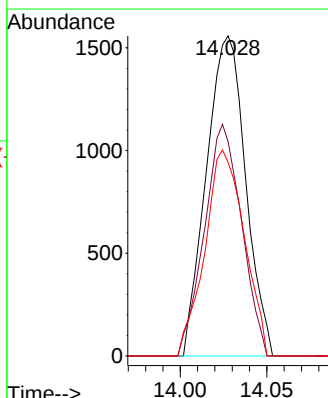
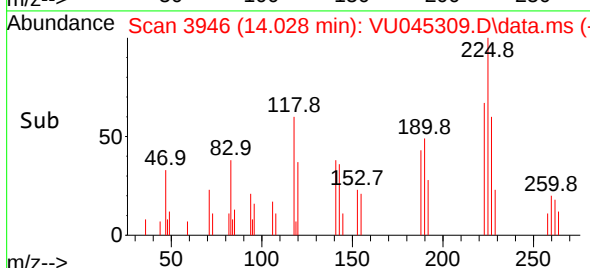
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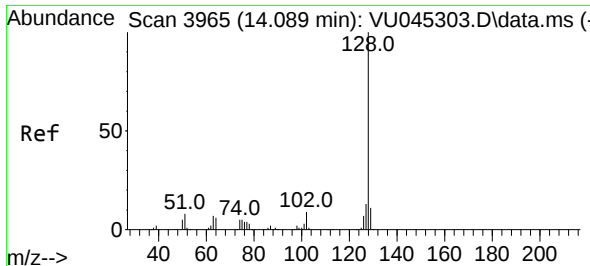


#88
Hexachlorobutadiene
Concen: 0.390 ug/l
RT: 14.028 min Scan# 3946
Delta R.T. 0.004 min
Lab File: VU045309.D
Acq: 13 Oct 2021 15:38



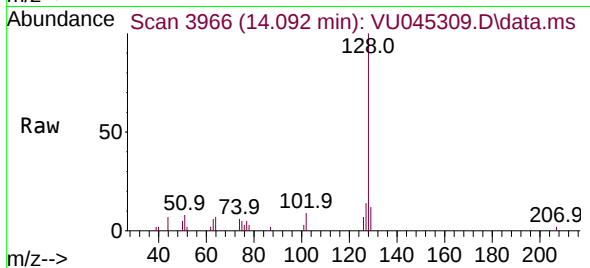
Tgt Ion:225 Resp: 2458
Ion Ratio Lower Upper
225 100
223 68.3 51.1 76.7
227 64.4 49.9 74.9





#89
Naphthalene
Concen: 0.482 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU045309.D
Acq: 13 Oct 2021 15:38

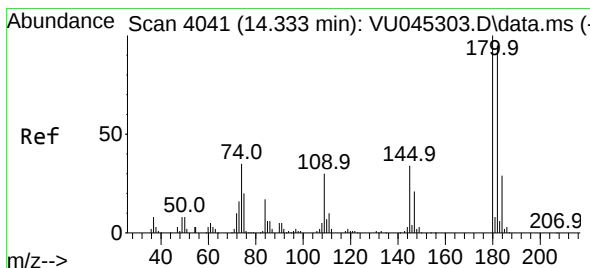
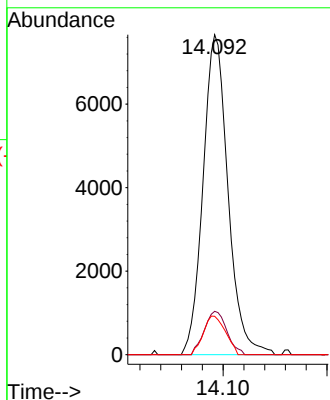
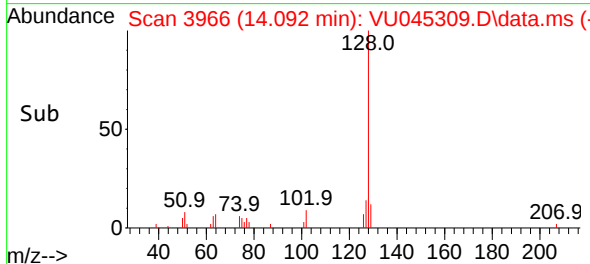
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2021



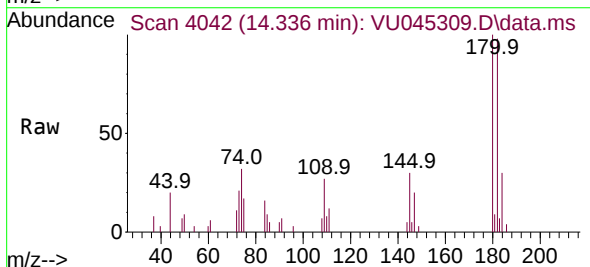
Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.2	10.6	16.0
129	10.7	8.6	13.0

Manual Integrations
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#90
1,2,3-Trichlorobenzene
Concen: 0.442 ug/l
RT: 14.336 min Scan# 4042
Delta R.T. 0.003 min
Lab File: VU045309.D
Acq: 13 Oct 2021 15:38



Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.6	75.4	113.0
145	32.0	27.0	40.4

