

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072321\
 Data File : VU044393.D
 Acq On : 23 Jul 2021 09:56
 Operator : SY/MD
 Sample : VSTD0.513
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 24 00:30:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 24 00:29:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	192673	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	185546	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	94201	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	7250	0.619	ug/L	0.00
7) Chloroethane-d5	1.919	69	6116	0.549	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.575	65	2834	0.496	ug/L	0.00
20) 2-Butanone-d5	4.652	46	14499	3.572	ug/L	0.00
24) Chloroform-d	5.073	84	11672	0.474	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.713	65	7202	0.497	ug/L	0.00
32) Benzene-d6	5.739	84	24917	0.510	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.700	67	7688	0.491	ug/L	0.00
41) Toluene-d8	7.906	98	22940	0.514	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.189	79	2847	0.406	ug/L	0.00
46) 2-Hexanone-d5	8.648	63	16886	4.779	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.767	84	6876	0.492	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.201	152	7756	0.482	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	7434	0.583	ug/L	97
3) Chloromethane	1.523	50	8368	0.580	ug/L	99
5) Vinyl chloride	1.607	62	8485	0.567	ug/L	94
6) Bromomethane	1.864	94	4933	0.526	ug/L	96
8) Chloroethane	1.941	64	5017	0.513	ug/L	90
9) Trichlorofluoromethane	2.147	101	9459	0.483	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.591	101	5545	0.468	ug/L	98
12) 1,1-Dichloroethene	2.588	96	5481	0.473	ug/L	96
13) Acetone	2.655	43	7060	3.887	ug/L	98
14) Carbon disulfide	2.800	76	17829	0.497	ug/L	99
15) Methyl Acetate	2.967	43	2183	0.426	ug/L	94
16) Methylene chloride	3.054	84	10110	0.652	ug/L	98
17) Methyl tert-butyl Ether	3.375	73	14824	0.440	ug/L	99
18) trans-1,2-Dichloroethene	3.362	96	5919	0.482	ug/L	97
19) 1,1-Dichloroethane	3.880	63	10515	0.454	ug/L	97
21) 2-Butanone	4.732	43	13877	3.491	ug/L	99
22) cis-1,2-Dichloroethene	4.674	96	6285	0.467	ug/L	90
23) Bromochloromethane	4.989	128	2610	0.431	ug/L	95
25) Chloroform	5.099	83	11807	0.482	ug/L	100
27) 1,2-Dichloroethane	5.803	62	7166	0.441	ug/L	99
29) 1,1,1-Trichloroethane	5.327	97	8481	0.409	ug/L	96
30) Cyclohexane	5.401	56	9842	0.446	ug/L	98
31) Carbon tetrachloride	5.536	117	7291	0.414	ug/L	99
33) Benzene	5.784	78	24219	0.481	ug/L	100
34) Trichloroethene	6.552	95	6171	0.462	ug/L	98
35) Methylcyclohexane	6.768	83	10503	0.469	ug/L	98
37) 1,2-Dichloropropane	6.800	63	6269	0.476	ug/L #	94
38) Bromodichloromethane	7.115	83	7488	0.416	ug/L	99
39) cis-1,3-Dichloropropene	7.616	75	8280	0.391	ug/L	100
40) 4-Methyl-2-pentanone	7.806	43	42982	4.162	ug/L	97
42) Toluene	7.976	91	24864	0.453	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	6954	0.362	ug/L	85

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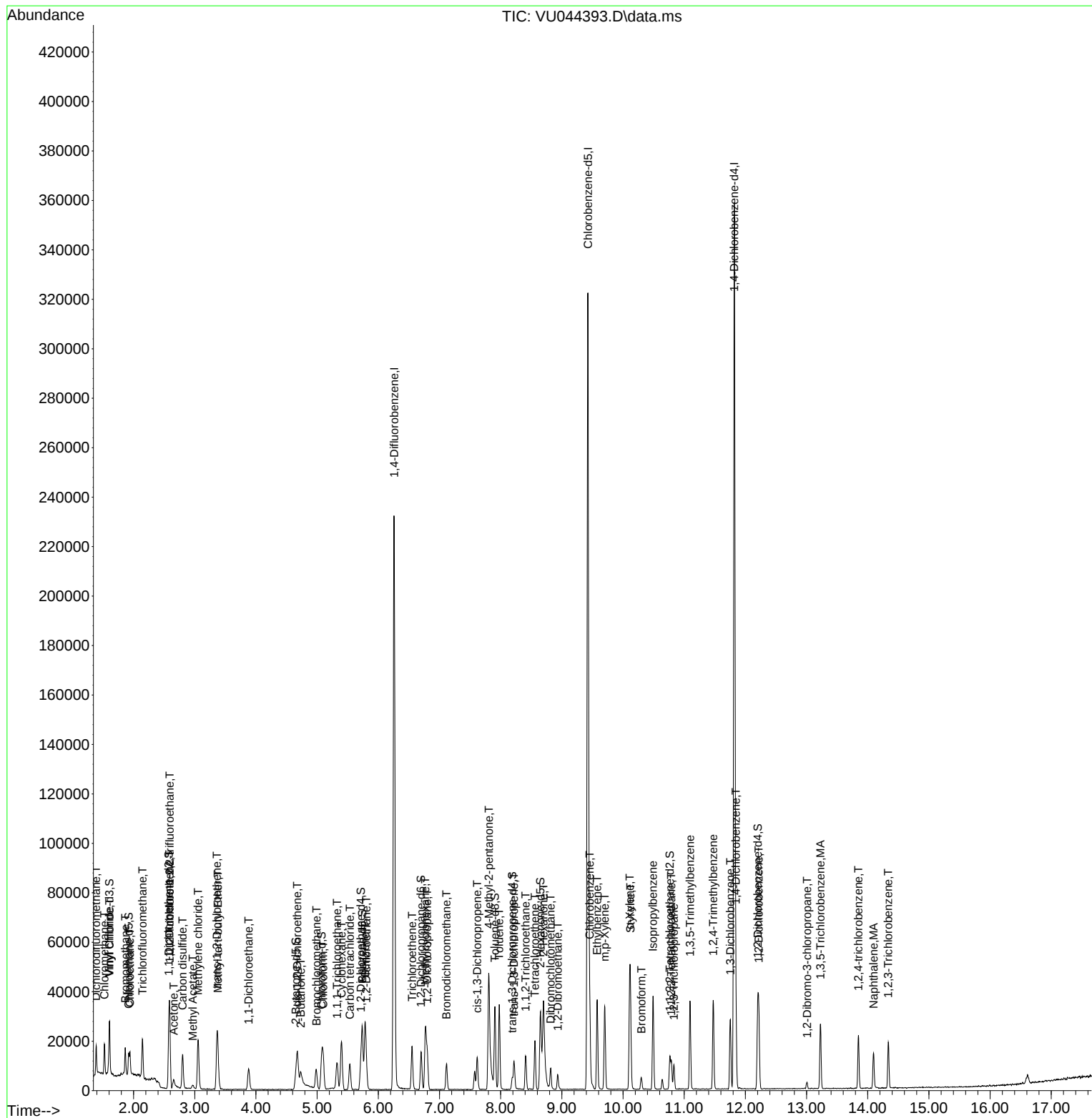
Quant Time: Jul 24 00:30:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 24 00:29:24 2021
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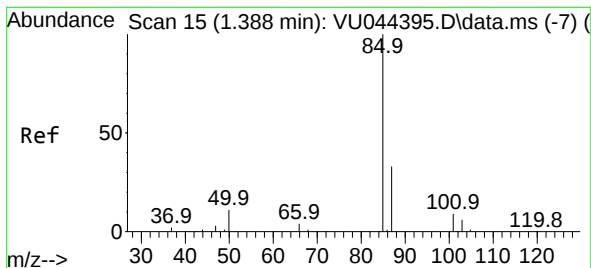
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.407	97	4454	0.448	ug/L	98
47) Tetrachloroethene	8.558	164	4485	0.450	ug/L	93
48) 2-Hexanone	8.700	43	29686	4.024	ug/L	99
49) Dibromochloromethane	8.819	129	4591	0.378	ug/L	86
50) 1,2-Dibromoethane	8.935	107	4398	0.458	ug/L #	99
51) Chlorobenzene	9.455	112	16023	0.459	ug/L	96
52) Ethylbenzene	9.578	91	25968	0.416	ug/L	99
53) m,p-Xylene	9.700	106	9584	0.404	ug/L	100
54) o-Xylene	10.108	106	9503	0.412	ug/L	98
55) Styrene	10.121	104	16290	0.404	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.790	83	5787	0.437	ug/L	95
59) Bromoform	10.301	173	2434	0.374	ug/L #	93
60) Isopropylbenzene	10.491	105	25314	0.436	ug/L	99
61) 1,2,3-Trichloropropane	10.832	75	4722	0.535	ug/L	94
62) 1,3,5-Trimethylbenzene	11.095	105	19986	0.397	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	20178	0.391	ug/L	100
64) 1,3-Dichlorobenzene	11.754	146	12070	0.460	ug/L	97
65) 1,4-Dichlorobenzene	11.844	146	12791	0.483	ug/L	94
67) 1,2-Dichlorobenzene	12.221	146	11610	0.468	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.008	75	851	0.381	ug/L	98
69) 1,3,5-Trichlorobenzene	13.227	180	8433	0.425	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	6795	0.403	ug/L	98
71) Naphthalene	14.095	128	12596	0.403	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	6059	0.410	ug/L	97

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

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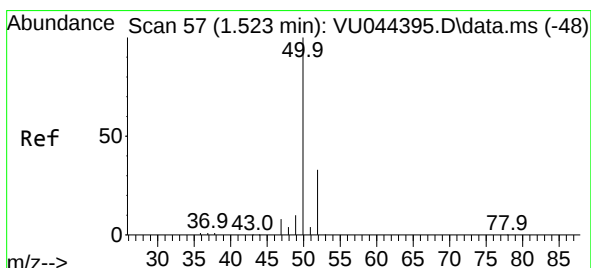
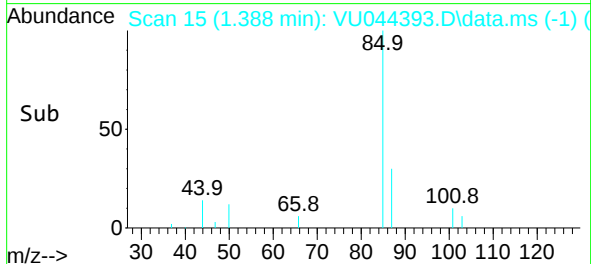
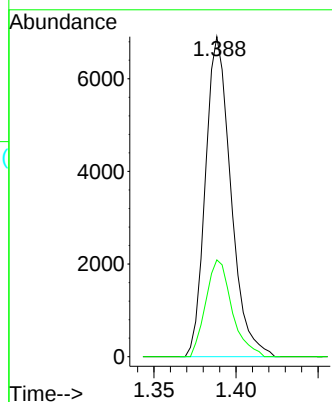
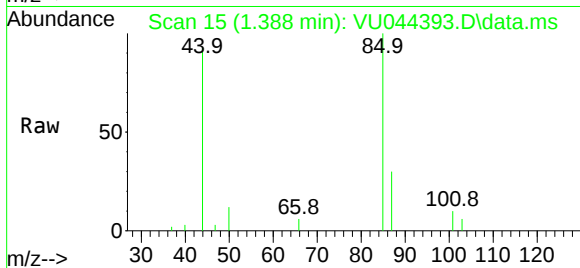




#2
Dichlorodifluoromethane
Concen: 0.583 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU044393.D
Acq: 23 Jul 2021 09:56

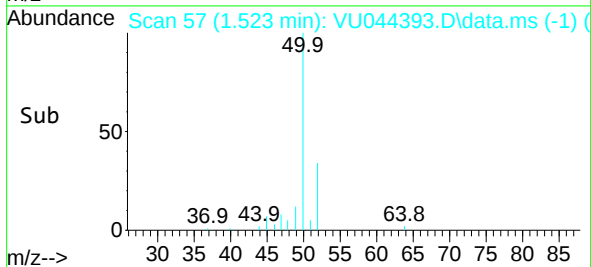
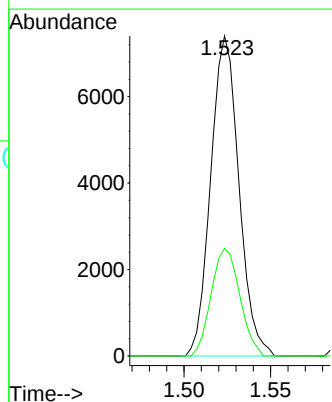
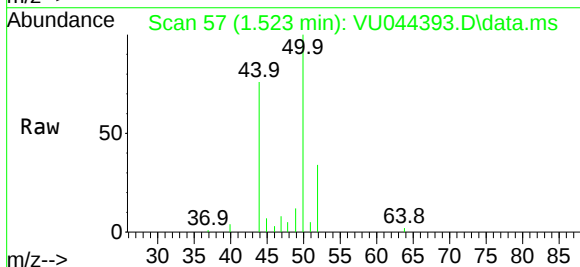
Instrument :
MSVOA_U
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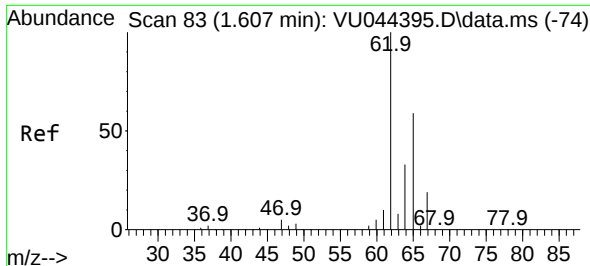
Tgt Ion: 85 Resp: 7434
Ion Ratio Lower Upper
85 100
87 31.1 26.2 39.2



#3
Chloromethane
Concen: 0.580 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU044393.D
Acq: 23 Jul 2021 09:56

Tgt Ion: 50 Resp: 8368
Ion Ratio Lower Upper
50 100
52 33.6 23.2 43.0

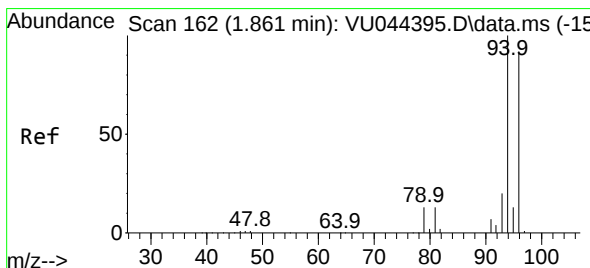
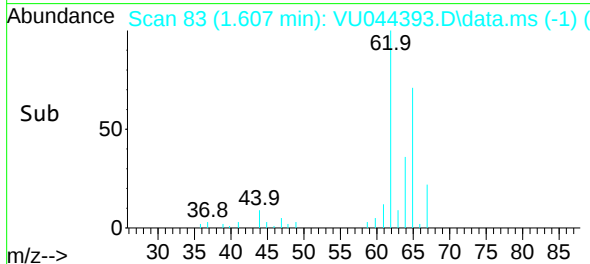
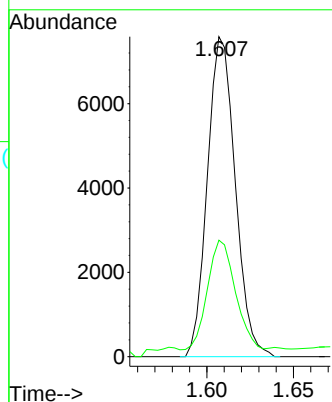
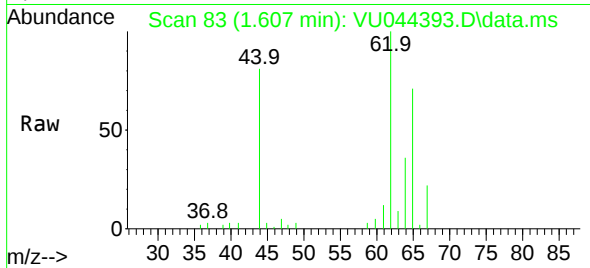




#5
 Vinyl chloride
 Concen: 0.567 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU044393.D
 Acq: 23 Jul 2021 09:56

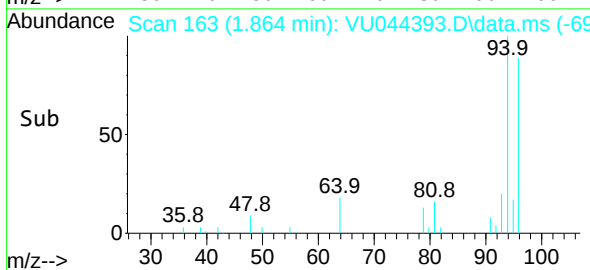
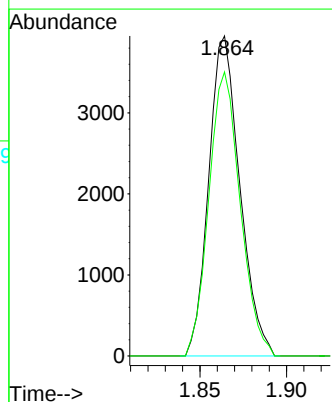
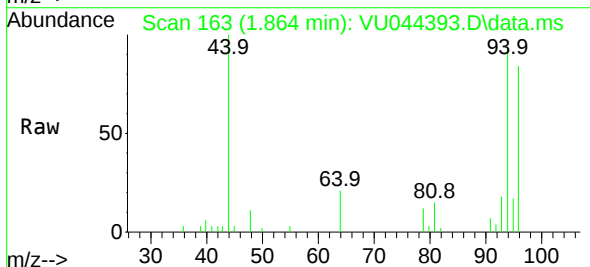
Instrument :
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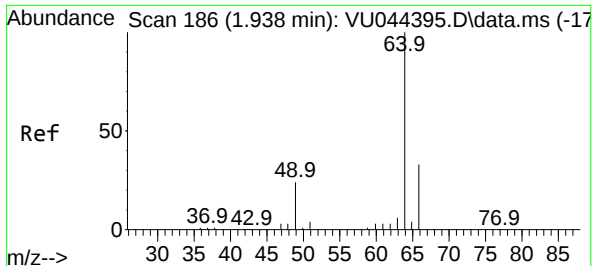
Tgt Ion: 62 Resp: 8485
 Ion Ratio Lower Upper
 62 100
 64 36.4 23.2 43.2



#6
 Bromomethane
 Concen: 0.526 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.003 min
 Lab File: VU044393.D
 Acq: 23 Jul 2021 09:56

Tgt Ion: 94 Resp: 4933
 Ion Ratio Lower Upper
 94 100
 96 88.8 64.5 119.9

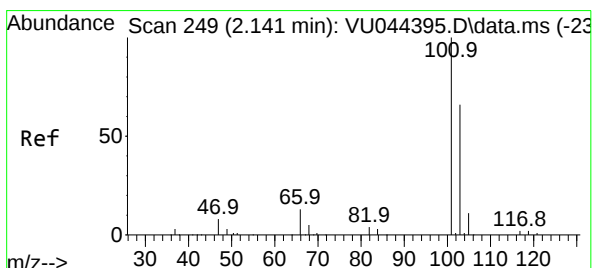
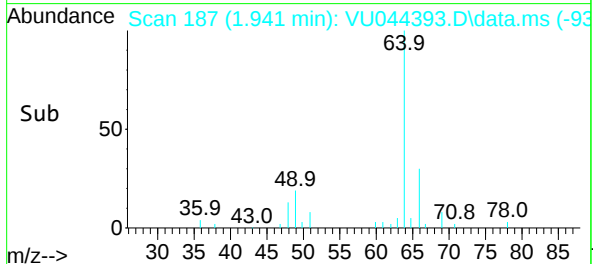
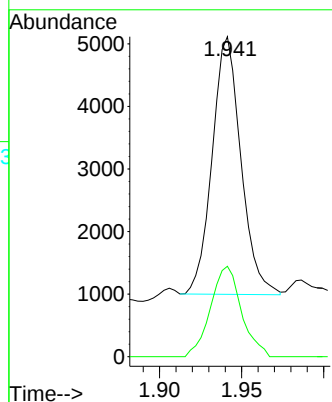
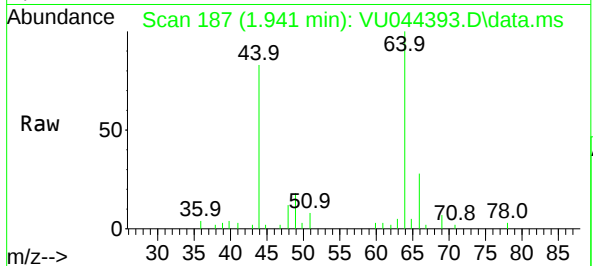




#8
Chloroethane
Concen: 0.513 ug/L
RT: 1.941 min Scan# 187
Delta R.T. 0.003 min
Lab File: VU044393.D
Acq: 23 Jul 2021 09:56

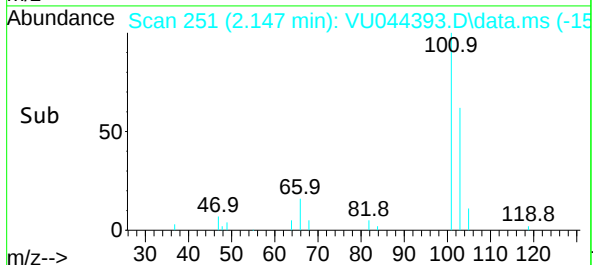
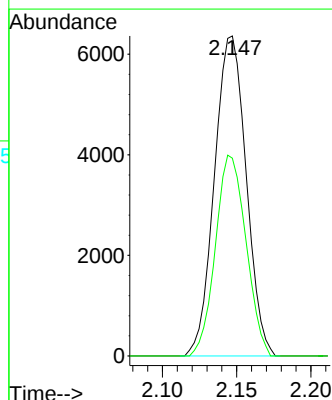
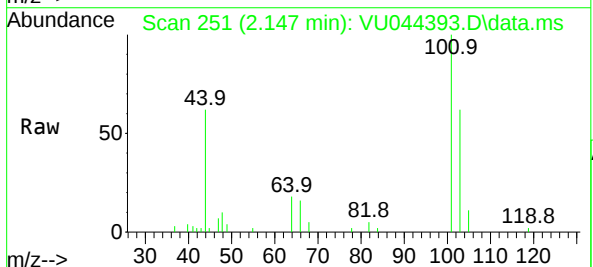
Instrument :
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ClientSampled :

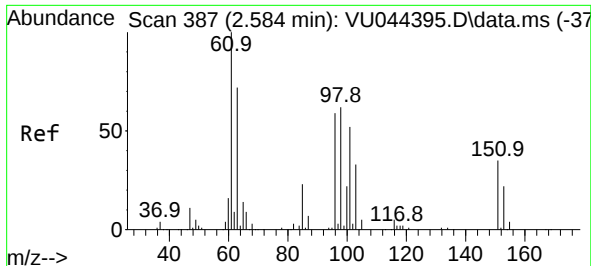
Tgt Ion: 64 Resp: 5017
Ion Ratio Lower Upper
64 100
66 27.0 22.6 42.0



#9
Trichlorofluoromethane
Concen: 0.483 ug/L
RT: 2.147 min Scan# 251
Delta R.T. 0.006 min
Lab File: VU044393.D
Acq: 23 Jul 2021 09:56

Tgt Ion:101 Resp: 9459
Ion Ratio Lower Upper
101 100
103 60.3 52.1 78.1

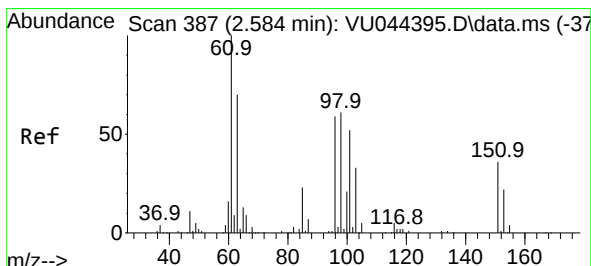
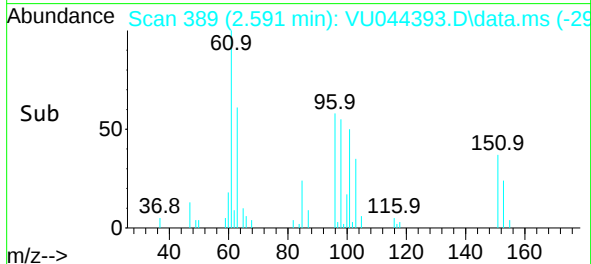
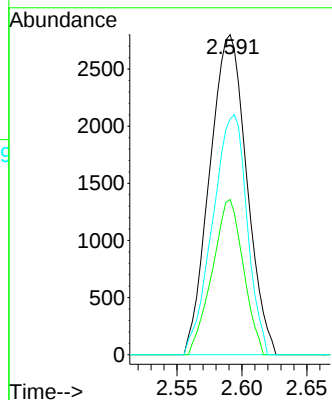
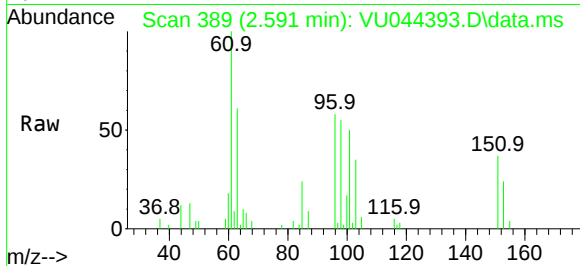




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.468 ug/L
RT: 2.591 min Scan# 389
Delta R.T. 0.006 min
Lab File: VU044393.D
Acq: 23 Jul 2021 09:56

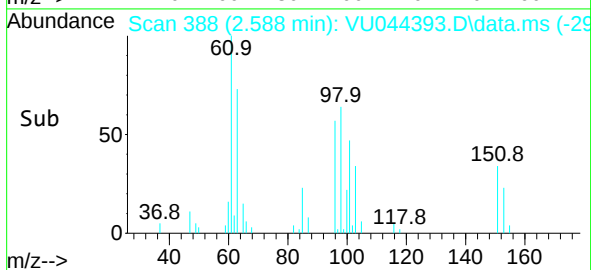
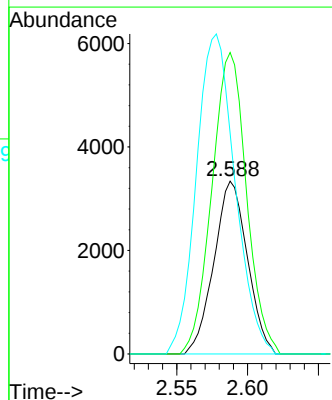
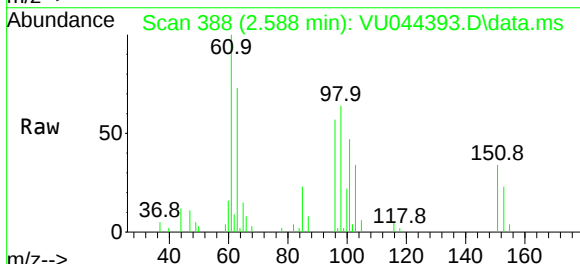
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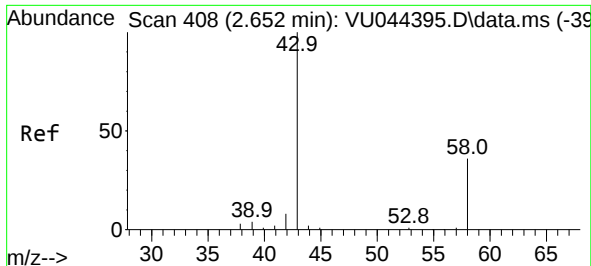
Tgt Ion:101 Resp: 5545
Ion Ratio Lower Upper
101 100
85 40.7 34.2 51.4
151 69.8 54.8 82.2



#12
1,1-Dichloroethene
Concen: 0.473 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.003 min
Lab File: VU044393.D
Acq: 23 Jul 2021 09:56

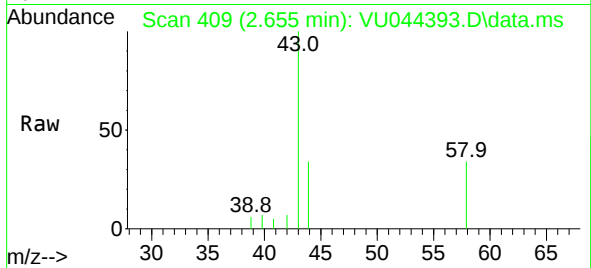
Tgt Ion: 96 Resp: 5481
Ion Ratio Lower Upper
96 100
61 174.4 118.3 219.7
63 127.8 85.7 159.1



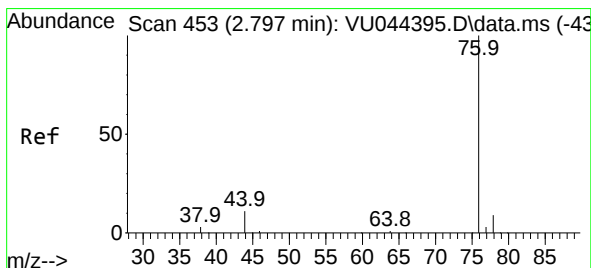
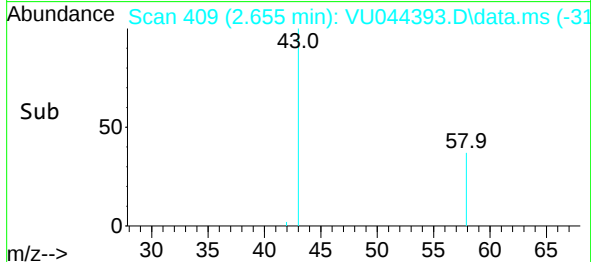
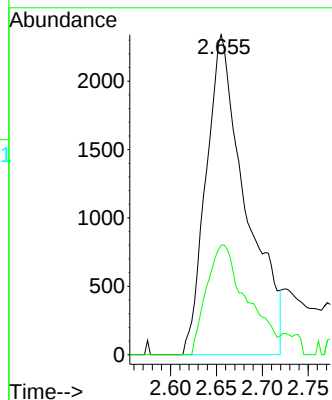


#13
Acetone
Concen: 3.887 ug/L
RT: 2.655 min Scan# 409
Delta R.T. 0.003 min
Lab File: VU044393.D
Acq: 23 Jul 2021 09:56

Instrument :
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ClientSampled :

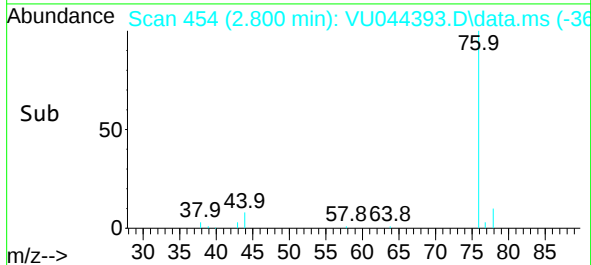
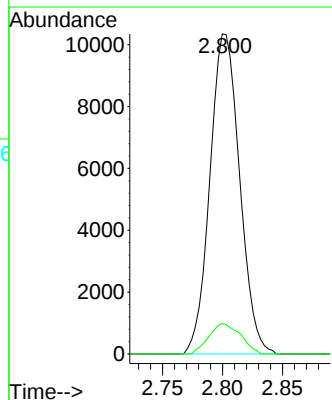
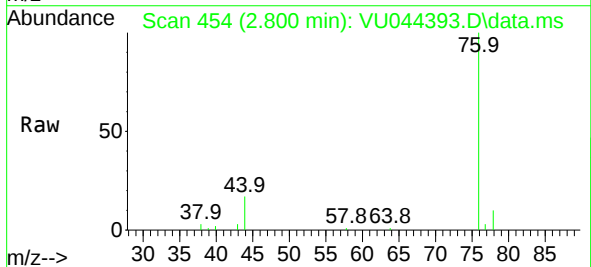


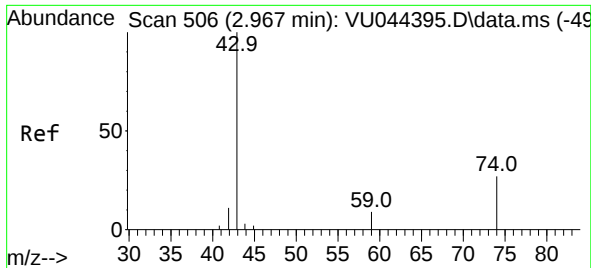
Tgt Ion: 43 Resp: 7060
Ion Ratio Lower Upper
43 100
58 34.9 0.0 67.2



#14
Carbon disulfide
Concen: 0.497 ug/L
RT: 2.800 min Scan# 454
Delta R.T. 0.003 min
Lab File: VU044393.D
Acq: 23 Jul 2021 09:56

Tgt Ion: 76 Resp: 17829
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0

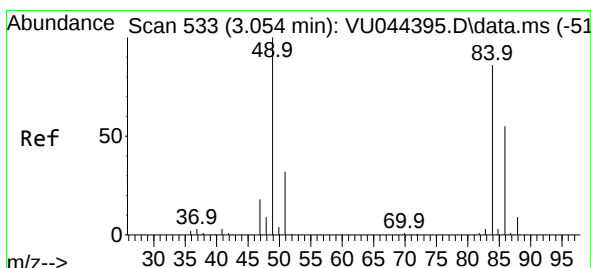
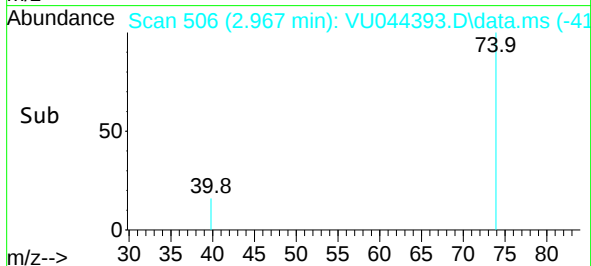
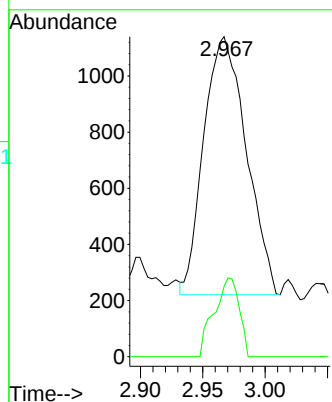
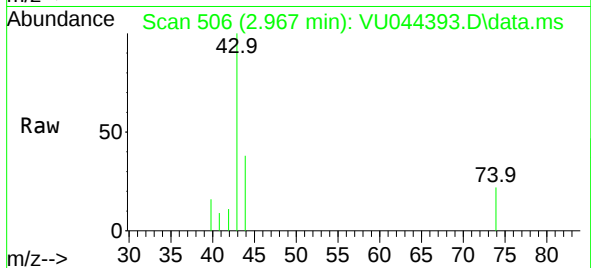




#15
Methyl Acetate
Concen: 0.426 ug/L
RT: 2.967 min Scan# 506
Delta R.T. 0.000 min
Lab File: VU044393.D
Acq: 23 Jul 2021 09:56

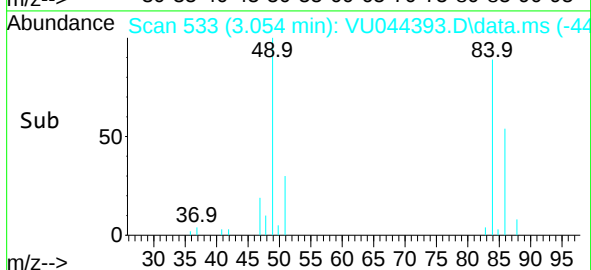
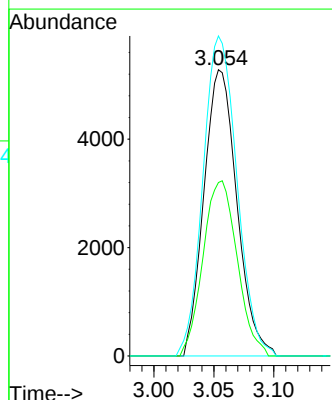
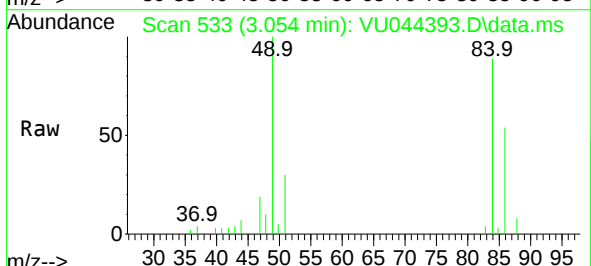
Instrument :
MSVOA_U
ClientSampled :

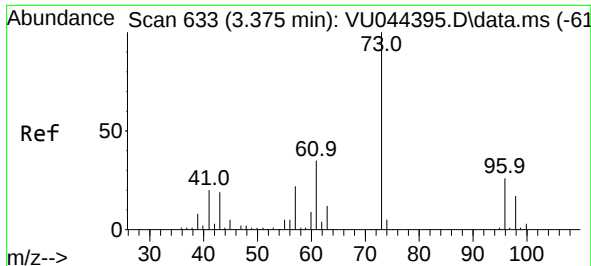
Tgt Ion: 43 Resp: 2183
Ion Ratio Lower Upper
43 100
74 18.0 16.7 25.1



#16
Methylene chloride
Concen: 0.652 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU044393.D
Acq: 23 Jul 2021 09:56

Tgt Ion: 84 Resp: 10110
Ion Ratio Lower Upper
84 100
86 60.6 45.2 84.0
49 117.3 81.8 152.0



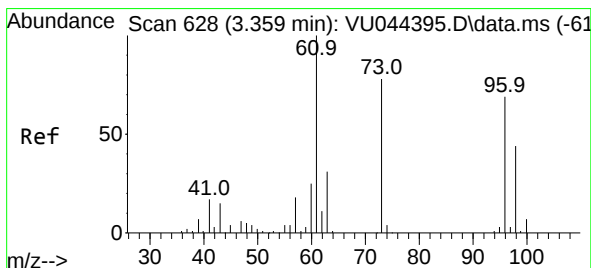
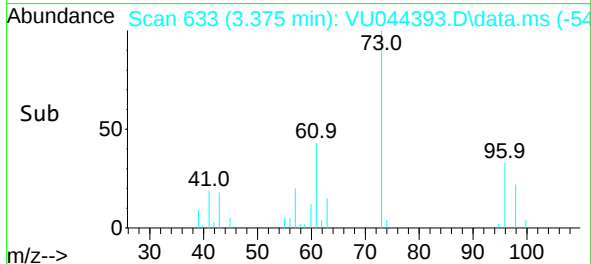
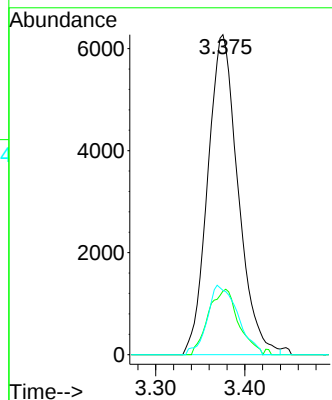
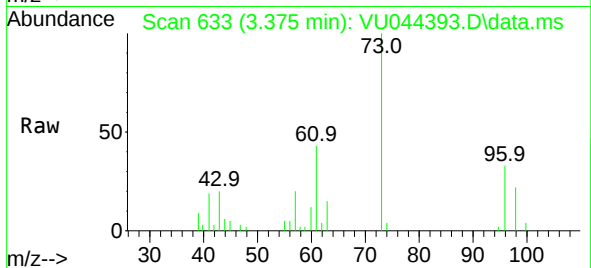


#17

Methyl tert-butyl Ether
Concen: 0.440 ug/L
RT: 3.375 min Scan# 633
Delta R.T. 0.000 min
Lab File: VU044393.D
Acq: 23 Jul 2021 09:56

Tgt Ion: 73	Resp:	14824
Ion	Ratio	Lower Upper
73	100	
43	20.3	15.3 22.9
57	21.8	17.4 26.0

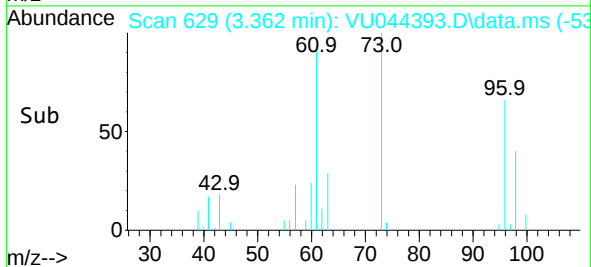
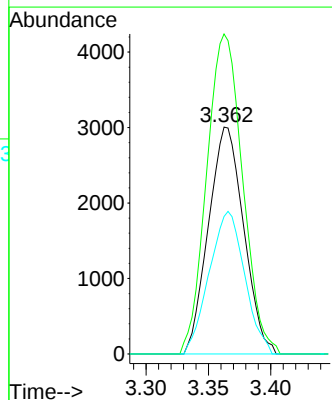
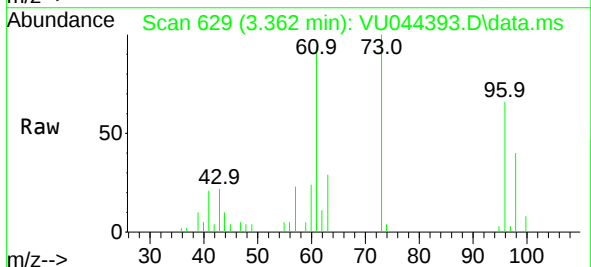
Instrument :
MSVOA_U
ClientSampled :

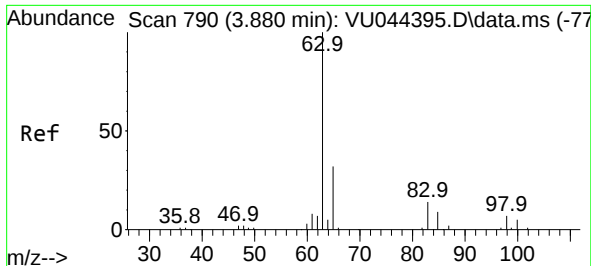


#18

trans-1,2-Dichloroethene
Concen: 0.482 ug/L
RT: 3.362 min Scan# 629
Delta R.T. 0.003 min
Lab File: VU044393.D
Acq: 23 Jul 2021 09:56

Tgt Ion: 96	Resp:	5919
Ion	Ratio	Lower Upper
96	100	
61	141.1	101.4 188.4
98	60.6	44.4 82.4





#19

1,1-Dichloroethane

Concen: 0.454 ug/L

RT: 3.880 min Scan# 790

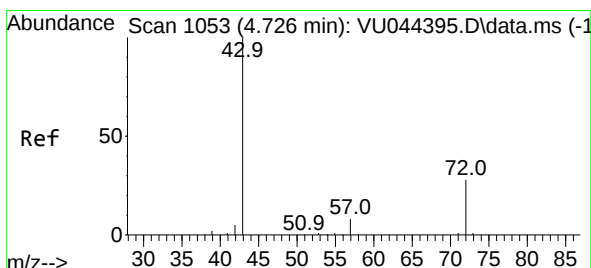
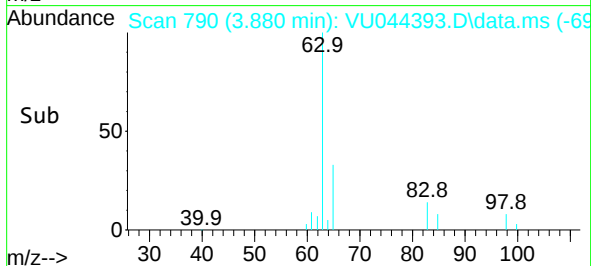
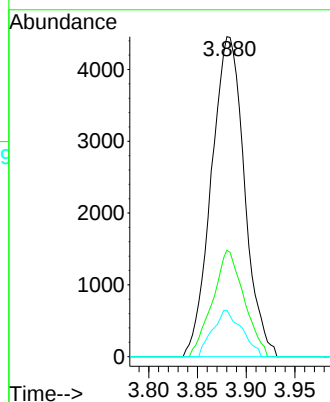
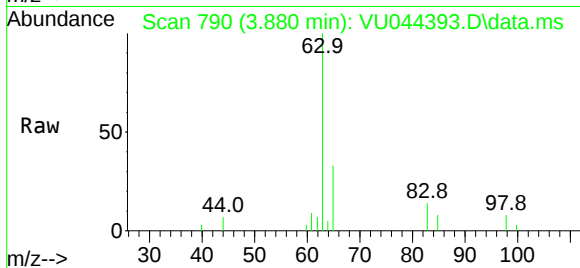
Delta R.T. 0.000 min

Lab File: VU044393.D

Acq: 23 Jul 2021 09:56

Tgt Ion:	63	Resp:	10515
Ion Ratio	Lower	Upper	
63	100		
65	33.2	22.1	41.1
83	14.5	9.7	17.9

Instrument :
MSVOA_U
ClientSampled :



#21

2-Butanone

Concen: 3.491 ug/L

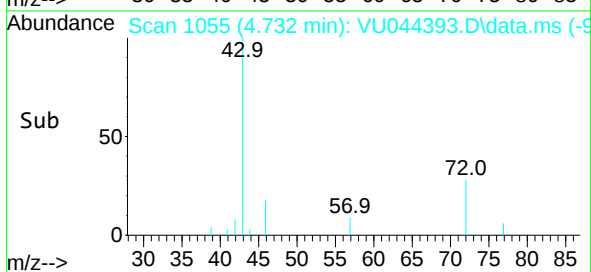
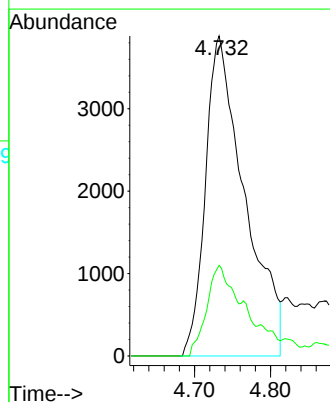
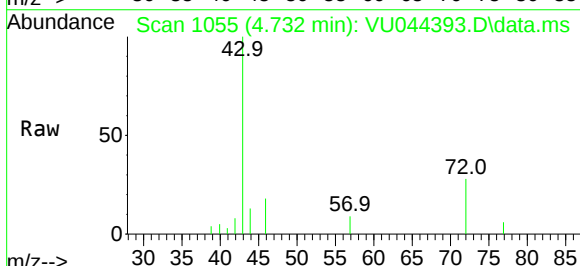
RT: 4.732 min Scan# 1055

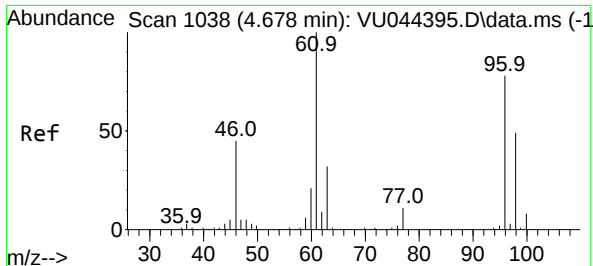
Delta R.T. 0.006 min

Lab File: VU044393.D

Acq: 23 Jul 2021 09:56

Tgt Ion:	43	Resp:	13877
Ion Ratio	Lower	Upper	
43	100		
72	28.1	14.4	43.2





#22

cis-1,2-Dichloroethene

Concen: 0.467 ug/L

RT: 4.674 min Scan# 1037

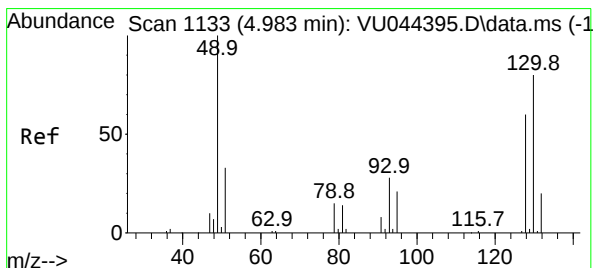
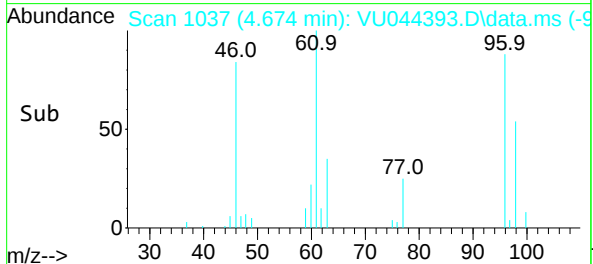
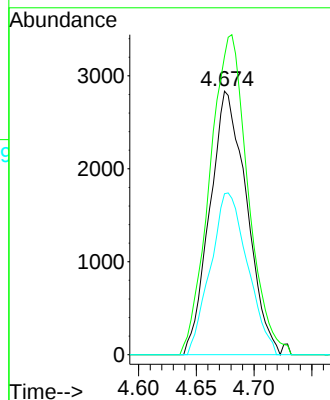
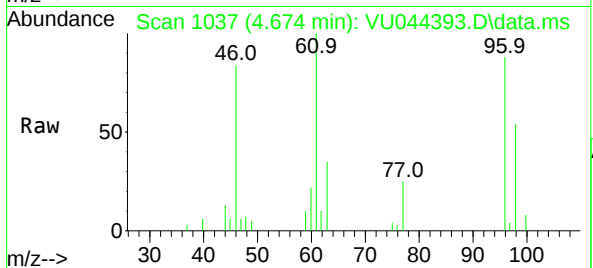
Delta R.T. -0.003 min

Lab File: VU044393.D

Acq: 23 Jul 2021 09:56

Tgt Ion: 96 Resp: 6285

Ion	Ratio	Lower	Upper
96	100		
61	113.2	89.9	166.9
98	61.1	44.1	81.9



#23

Bromochloromethane

Concen: 0.431 ug/L

RT: 4.989 min Scan# 1135

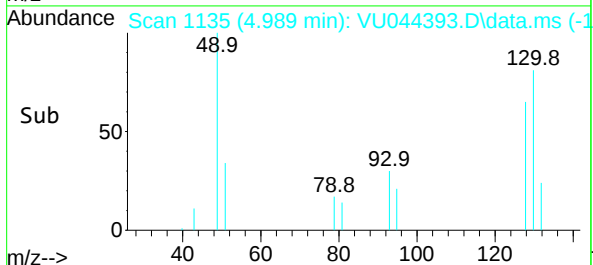
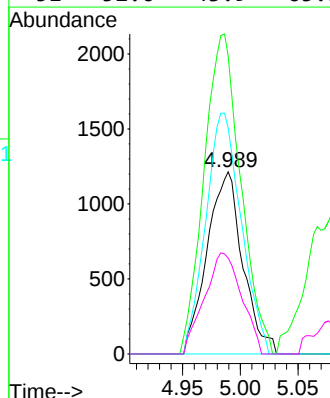
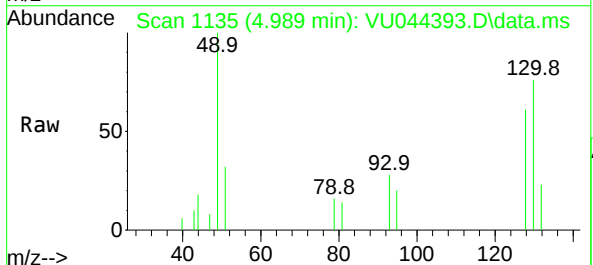
Delta R.T. 0.006 min

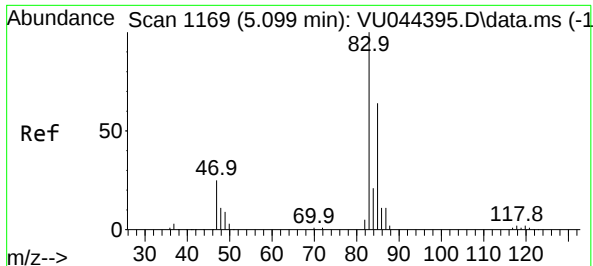
Lab File: VU044393.D

Acq: 23 Jul 2021 09:56

Tgt Ion: 128 Resp: 2610

Ion	Ratio	Lower	Upper
128	100		
49	163.5	117.4	218.0
130	123.9	93.6	173.8
51	52.6	43.9	65.9



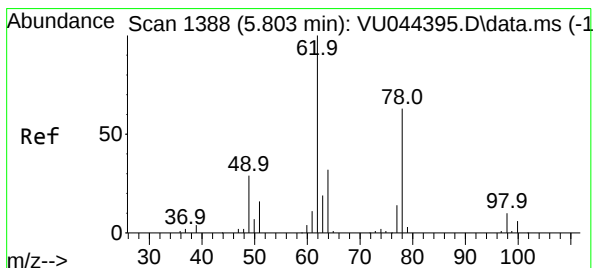
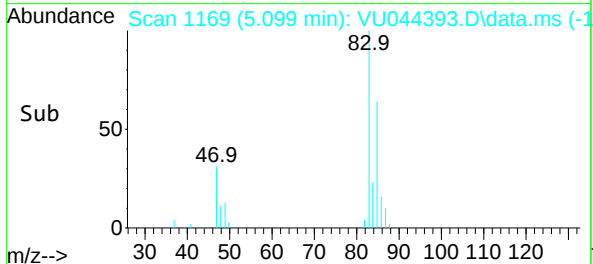
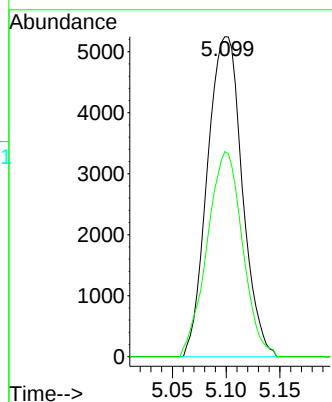
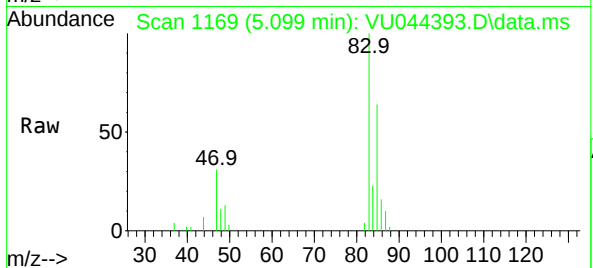


#25

Chloroform
Concen: 0.482 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU044393.D
Acq: 23 Jul 2021 09:56

Instrument :
MSVOA_U
ClientSampled :

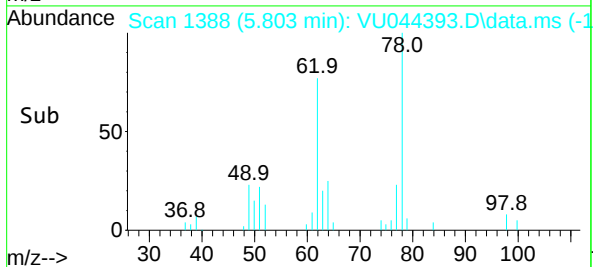
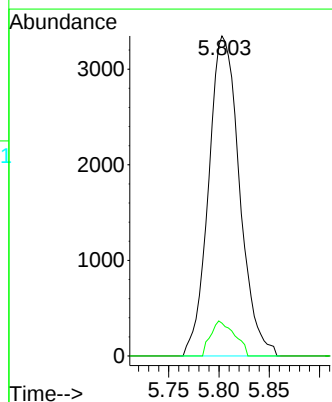
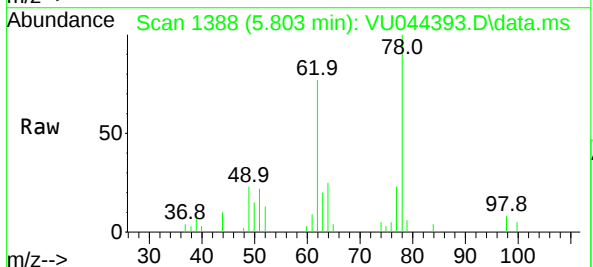
Tgt Ion: 83 Resp: 11807
Ion Ratio Lower Upper
83 100
85 64.1 44.7 82.9

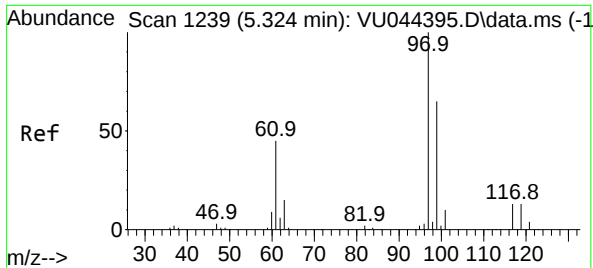


#27

1,2-Dichloroethane
Concen: 0.441 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VU044393.D
Acq: 23 Jul 2021 09:56

Tgt Ion: 62 Resp: 7166
Ion Ratio Lower Upper
62 100
98 10.2 7.8 11.6



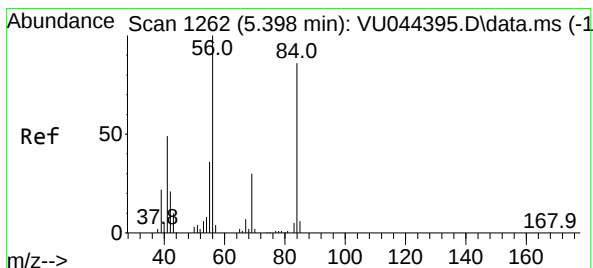
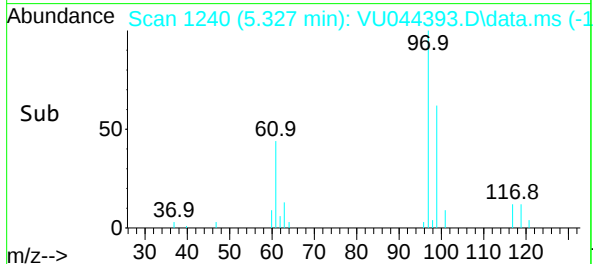
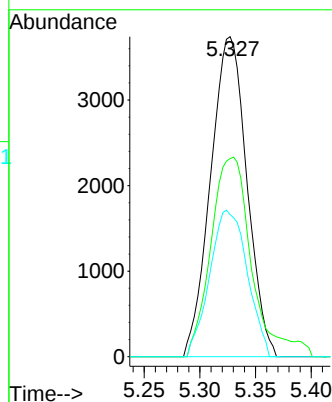
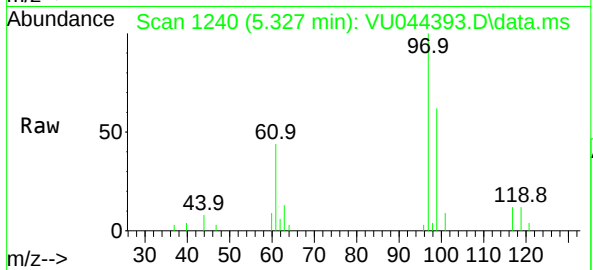


#29

1,1,1-Trichloroethane
Concen: 0.409 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. 0.003 min
Lab File: VU044393.D
Acq: 23 Jul 2021 09:56

Instrument :
MSVOA_U
ClientSampled :

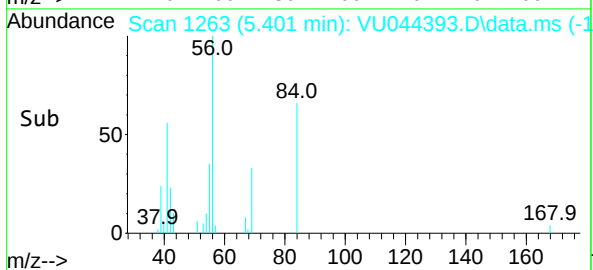
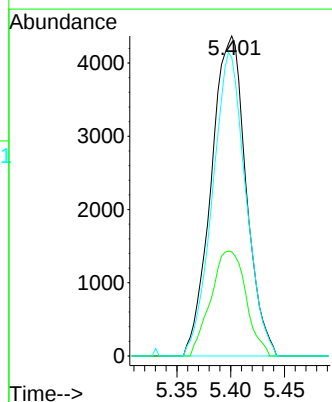
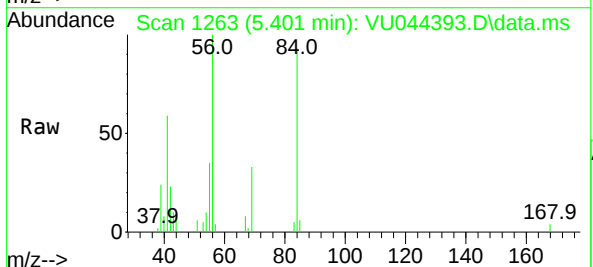
Tgt Ion: 97 Resp: 8481
Ion Ratio Lower Upper
97 100
99 70.1 52.6 78.8
61 47.4 36.9 55.3

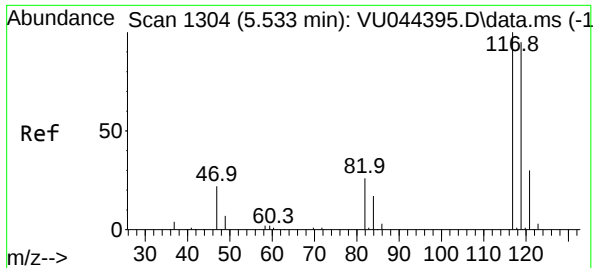


#30

Cyclohexane
Concen: 0.446 ug/L
RT: 5.401 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VU044393.D
Acq: 23 Jul 2021 09:56

Tgt Ion: 56 Resp: 9842
Ion Ratio Lower Upper
56 100
69 33.0 24.8 37.2
84 90.2 71.0 106.6

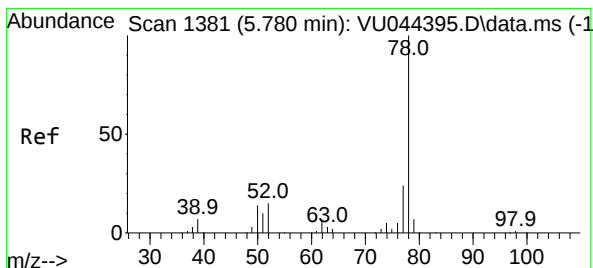
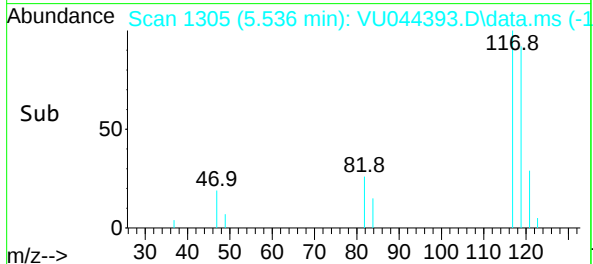
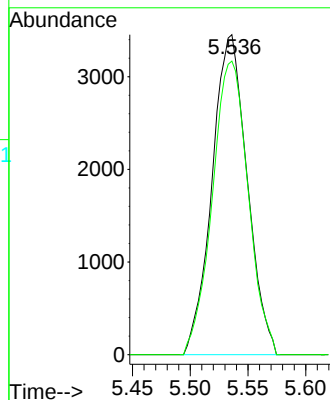
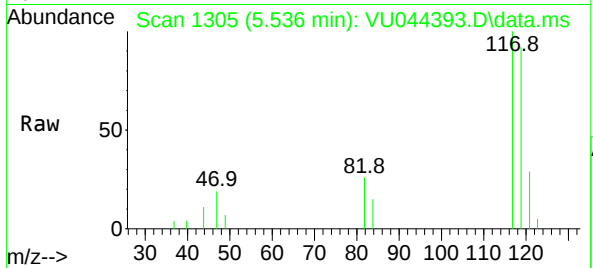




#31
Carbon tetrachloride
Concen: 0.414 ug/L
RT: 5.536 min Scan# 1305
Delta R.T. 0.003 min
Lab File: VU044393.D
Acq: 23 Jul 2021 09:56

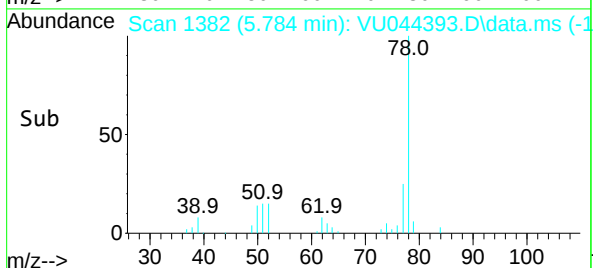
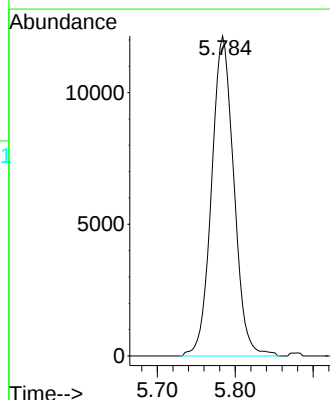
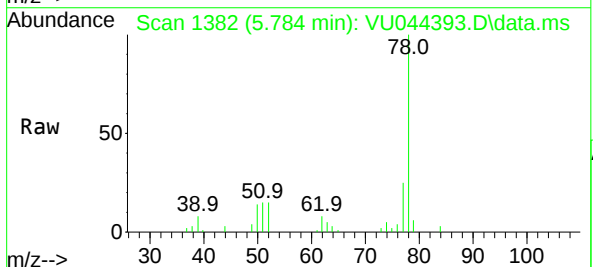
Instrument :
MSVOA_U
ClientSampled :

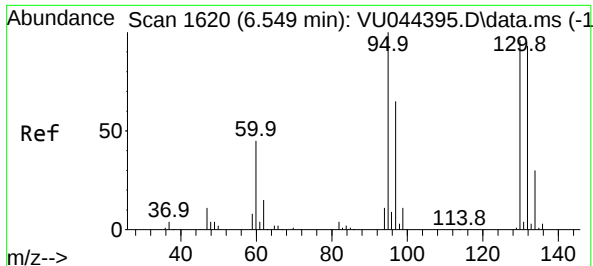
Tgt Ion:117 Resp: 7291
Ion Ratio Lower Upper
117 100
119 93.8 75.8 113.6



#33
Benzene
Concen: 0.481 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.003 min
Lab File: VU044393.D
Acq: 23 Jul 2021 09:56

Tgt Ion: 78 Resp: 24219





#34

Trichloroethene

Concen: 0.462 ug/L

RT: 6.552 min Scan# 1621

Delta R.T. 0.003 min

Lab File: VU044393.D

Acq: 23 Jul 2021 09:56

Tgt Ion: 95 Resp: 6171

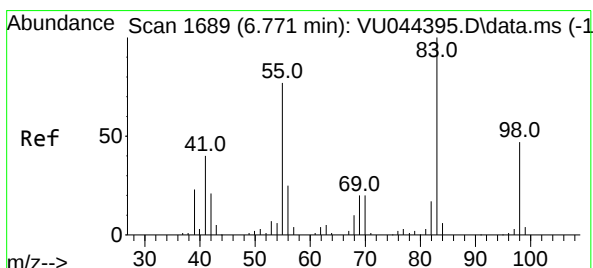
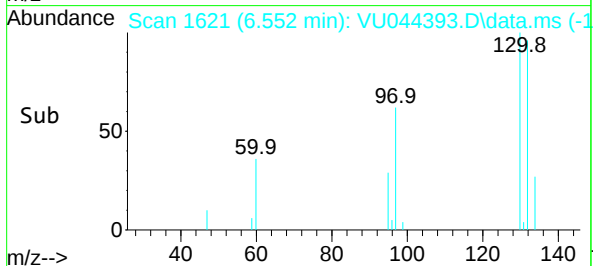
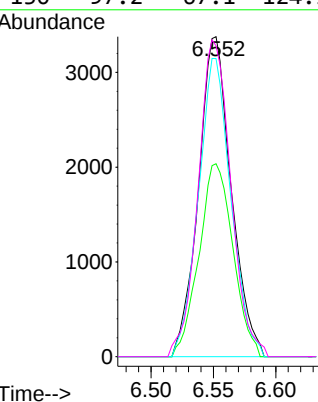
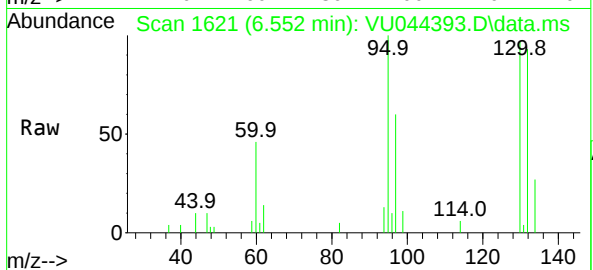
Ion Ratio Lower Upper

95 100

97 60.3 45.4 84.4

132 93.2 64.8 120.4

130 97.2 67.1 124.5



#35

Methylcyclohexane

Concen: 0.469 ug/L

RT: 6.768 min Scan# 1688

Delta R.T. -0.003 min

Lab File: VU044393.D

Acq: 23 Jul 2021 09:56

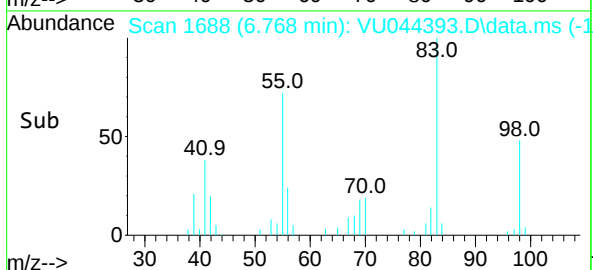
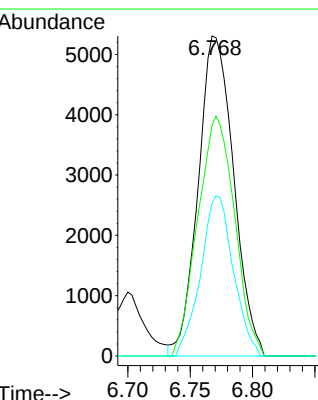
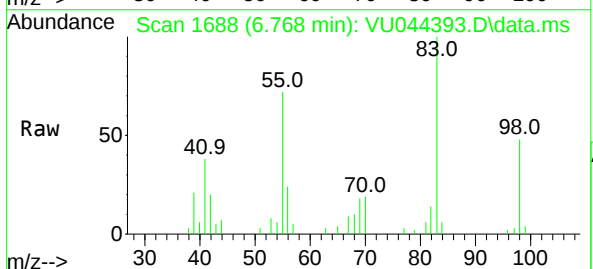
Tgt Ion: 83 Resp: 10503

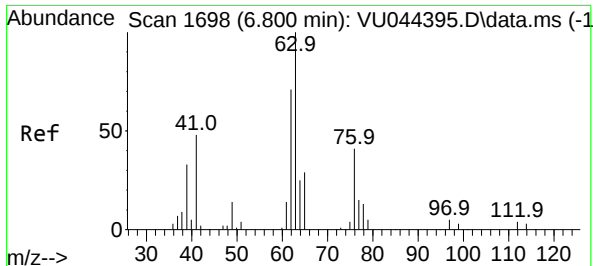
Ion Ratio Lower Upper

83 100

55 77.9 61.4 92.0

98 46.2 38.2 57.2



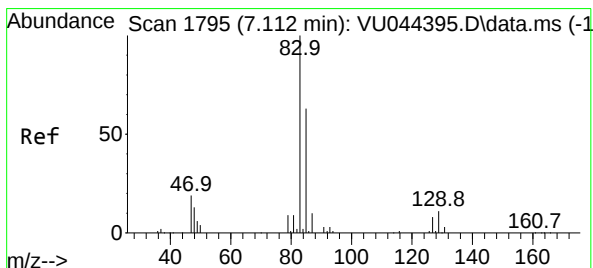
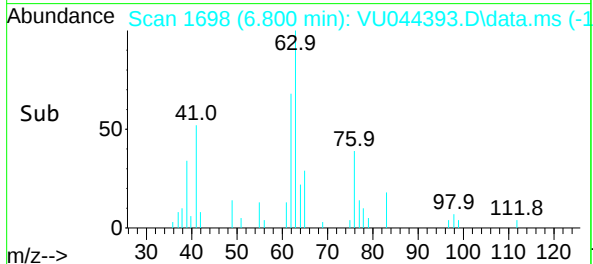
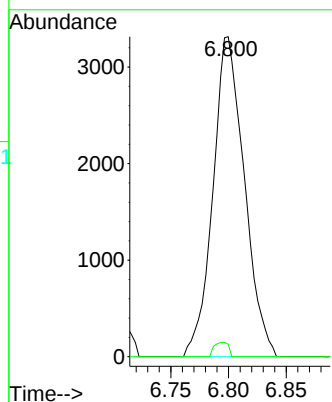
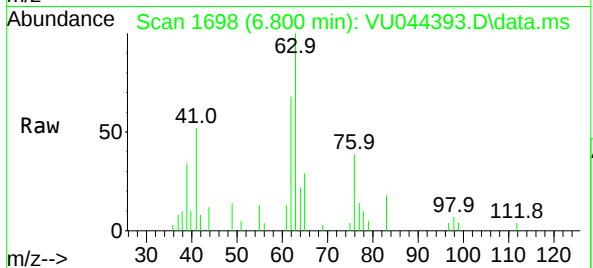


#37

1,2-Dichloropropane
Concen: 0.476 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VU044393.D
Acq: 23 Jul 2021 09:56

Instrument :
MSVOA_U
ClientSampled :

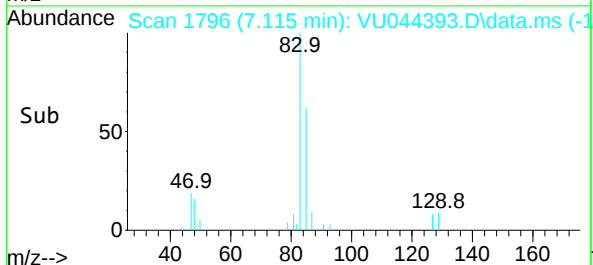
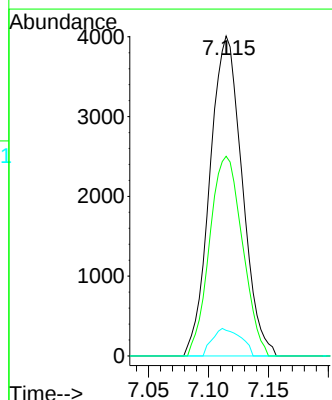
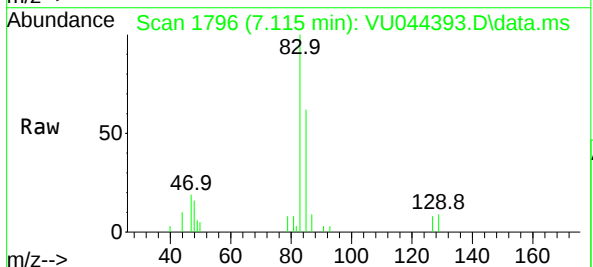
Tgt Ion: 63 Resp: 6269
Ion Ratio Lower Upper
63 100
112 2.1 3.2 4.8#

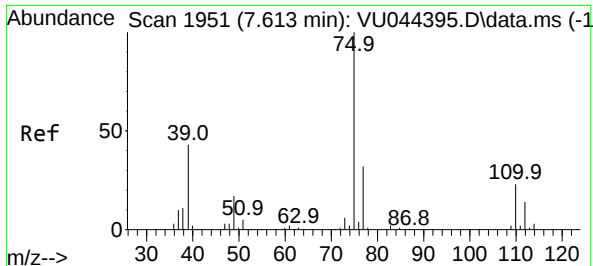


#38

Bromodichloromethane
Concen: 0.416 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. 0.003 min
Lab File: VU044393.D
Acq: 23 Jul 2021 09:56

Tgt Ion: 83 Resp: 7488
Ion Ratio Lower Upper
83 100
85 62.4 44.0 81.6
127 8.0 6.6 10.0

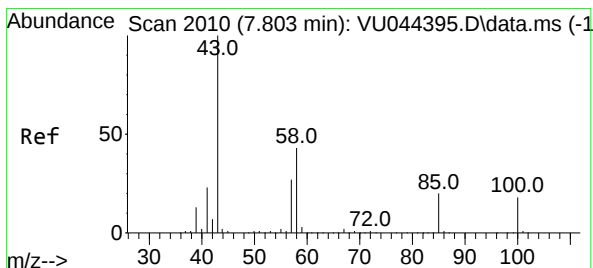
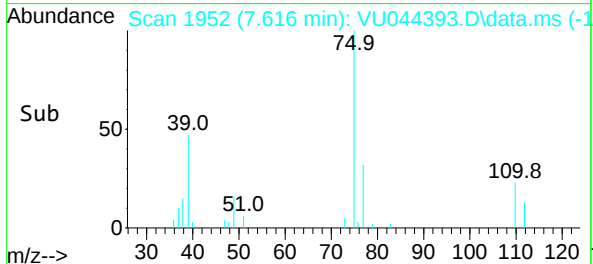
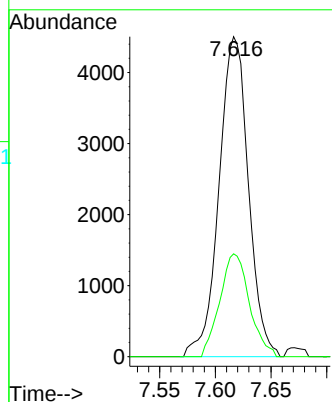
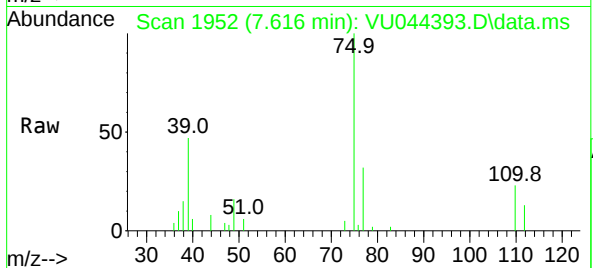




#39
 cis-1,3-Dichloropropene
 Concen: 0.391 ug/L
 RT: 7.616 min Scan# 1952
 Delta R.T. 0.003 min
 Lab File: VU044393.D
 Acq: 23 Jul 2021 09:56

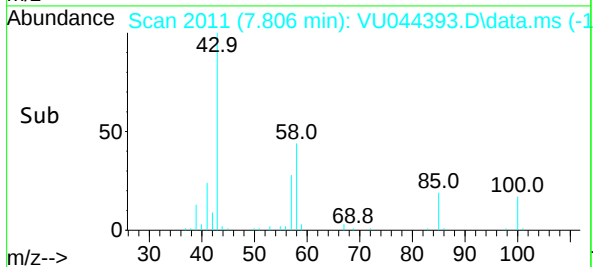
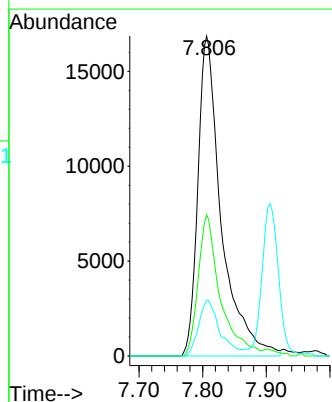
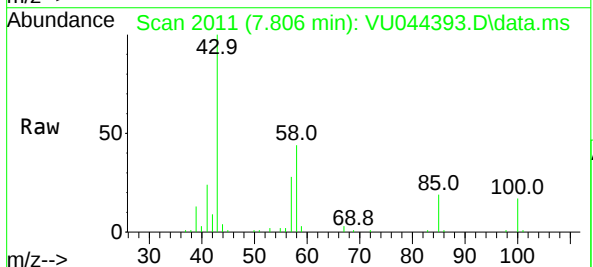
Instrument :
 MSVOA_U
 ClientSampled :

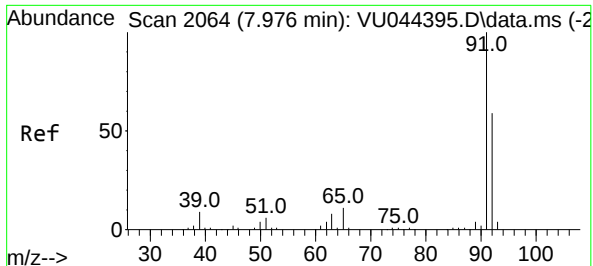
Tgt Ion: 75 Resp: 8280
 Ion Ratio Lower Upper
 75 100
 77 32.2 22.3 41.5



#40
 4-Methyl-2-pentanone
 Concen: 4.162 ug/L
 RT: 7.806 min Scan# 2011
 Delta R.T. 0.003 min
 Lab File: VU044393.D
 Acq: 23 Jul 2021 09:56

Tgt Ion: 43 Resp: 42982
 Ion Ratio Lower Upper
 43 100
 58 41.5 34.6 52.0
 100 15.8 13.9 20.9

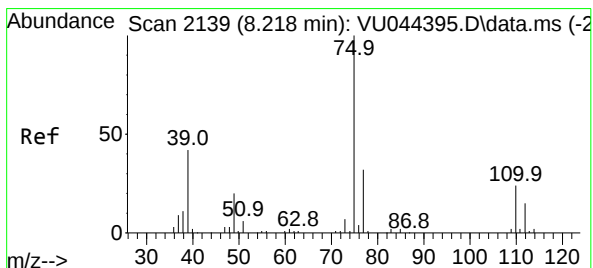
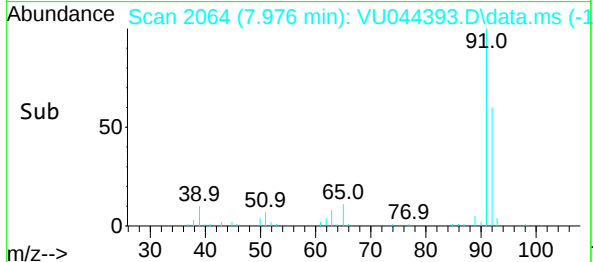
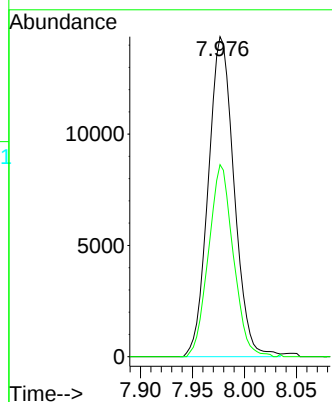
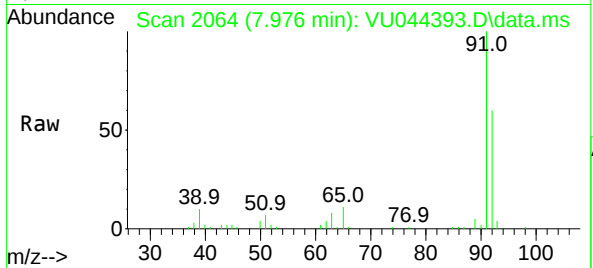




#42
Toluene
Concen: 0.453 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU044393.D
Acq: 23 Jul 2021 09:56

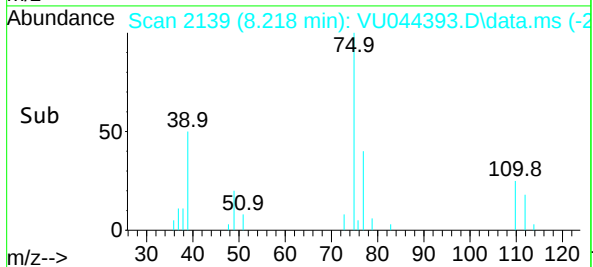
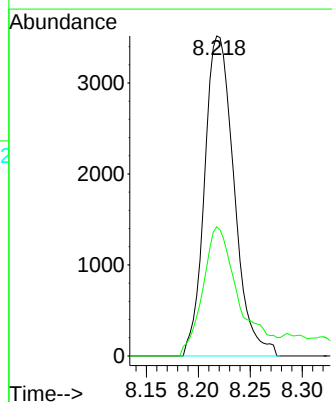
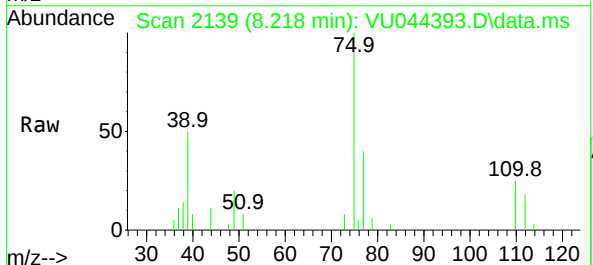
Instrument :
MSVOA_U
ClientSampled :

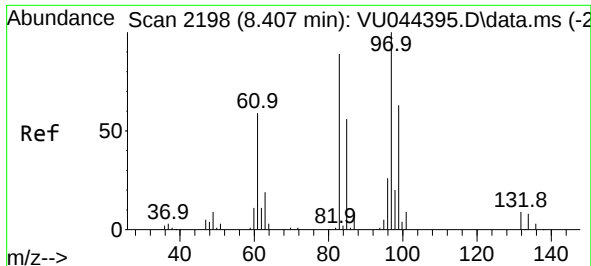
Tgt Ion: 91 Resp: 24864
Ion Ratio Lower Upper
91 100
92 60.0 41.3 76.7



#44
trans-1,3-Dichloropropene
Concen: 0.362 ug/L
RT: 8.218 min Scan# 2139
Delta R.T. 0.000 min
Lab File: VU044393.D
Acq: 23 Jul 2021 09:56

Tgt Ion: 75 Resp: 6954
Ion Ratio Lower Upper
75 100
77 40.3 22.5 41.7

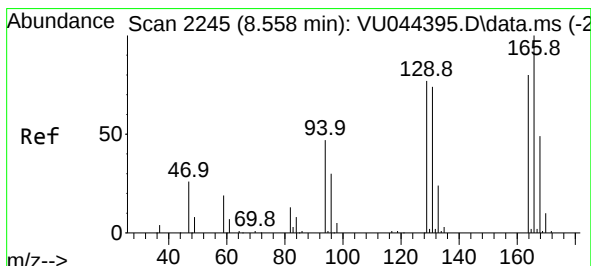
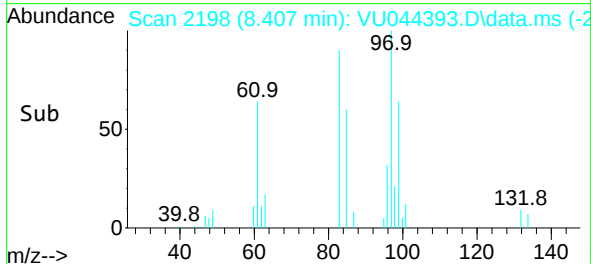
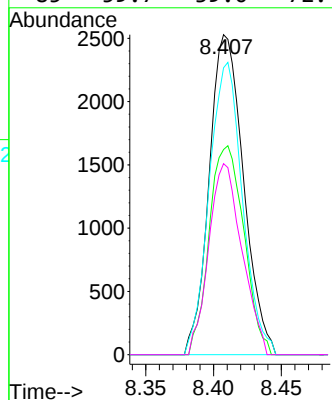
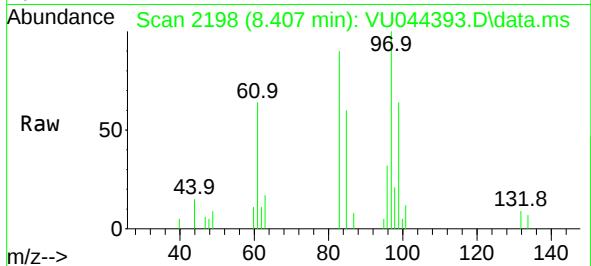




#45
1,1,2-Trichloroethane
Concen: 0.448 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. 0.000 min
Lab File: VU044393.D
Acq: 23 Jul 2021 09:56

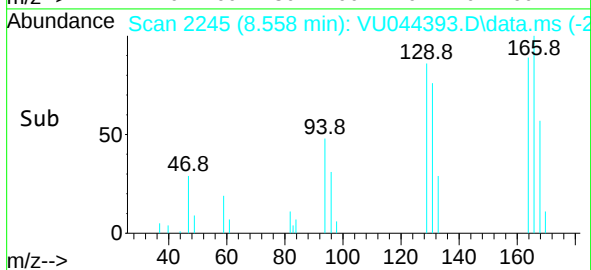
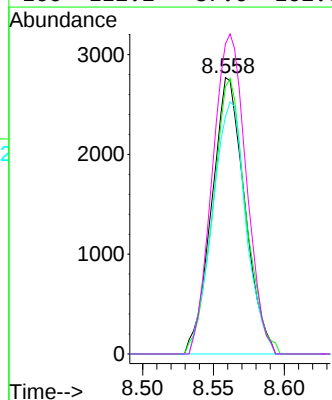
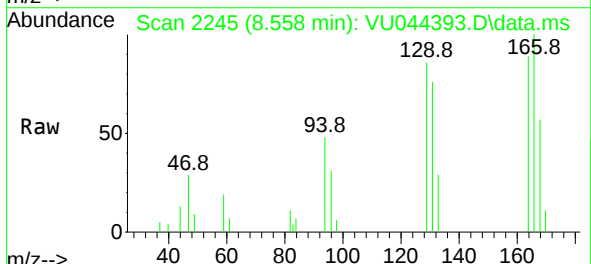
Instrument :
MSVOA_U
ClientSampled :

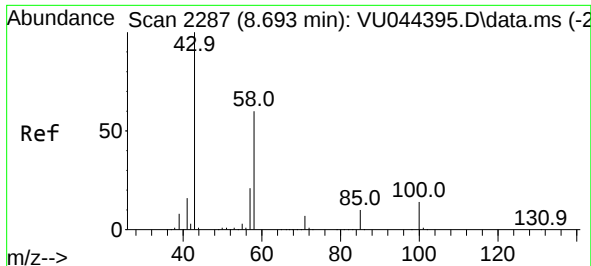
Tgt Ion:	97	Resp:	4454
Ion	Ratio	Lower	Upper
97	100		
99	64.1	44.0	81.6
83	89.6	62.2	115.4
85	59.7	39.0	72.4



#47
Tetrachloroethene
Concen: 0.450 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU044393.D
Acq: 23 Jul 2021 09:56

Tgt Ion:	164	Resp:	4485
Ion	Ratio	Lower	Upper
164	100		
129	96.7	67.8	126.0
131	85.8	64.7	120.1
166	112.2	87.6	162.6

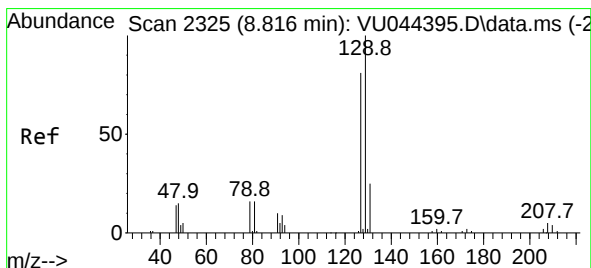
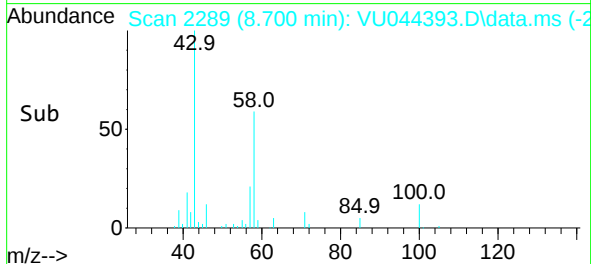
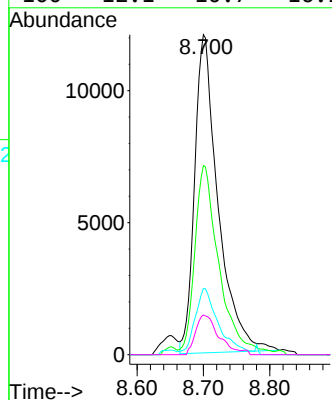
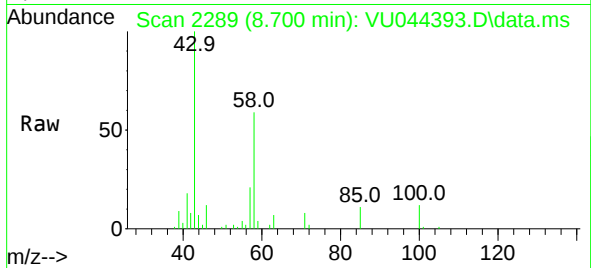




#48
2-Hexanone
Concen: 4.024 ug/L
RT: 8.700 min Scan# 2289
Delta R.T. 0.006 min
Lab File: VU044393.D
Acq: 23 Jul 2021 09:56

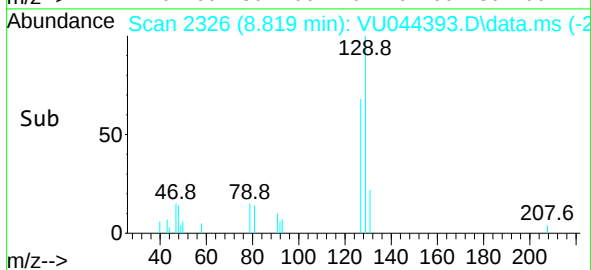
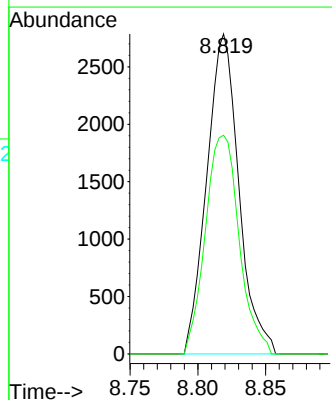
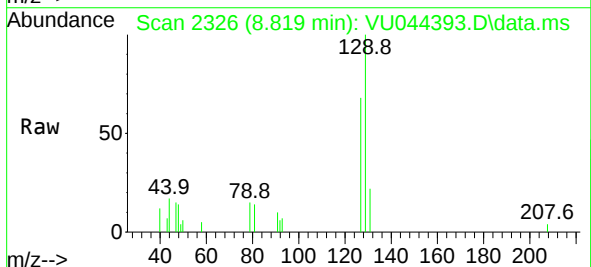
Instrument :
MSVOA_U
ClientSampleId :

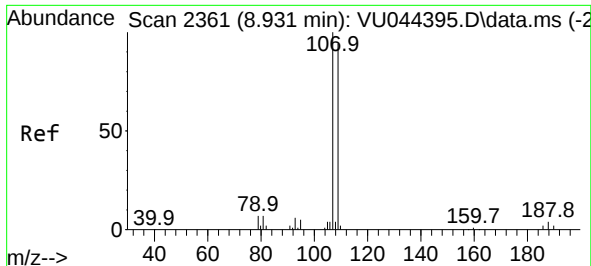
Tgt Ion:	43	Resp:	29686
Ion	Ratio	Lower	Upper
43	100		
58	59.5	47.3	70.9
57	21.1	16.6	24.8
100	12.1	10.7	16.1



#49
Dibromochloromethane
Concen: 0.378 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. 0.003 min
Lab File: VU044393.D
Acq: 23 Jul 2021 09:56

Tgt Ion:	129	Resp:	4591
Ion	Ratio	Lower	Upper
129	100		
127	68.4	56.4	104.8





#50

1,2-Dibromoethane

Concen: 0.458 ug/L

RT: 8.935 min Scan# 2362

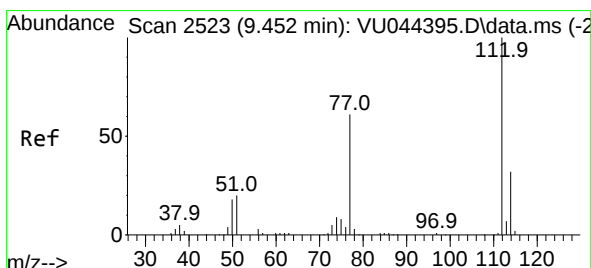
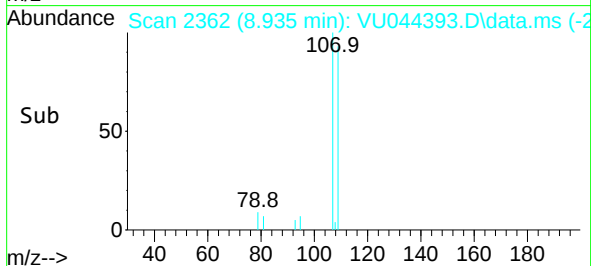
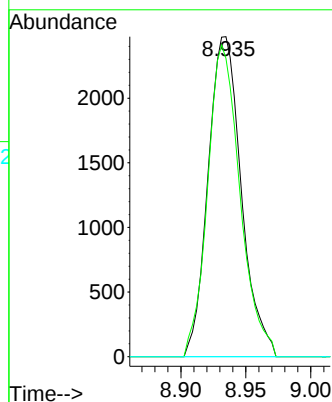
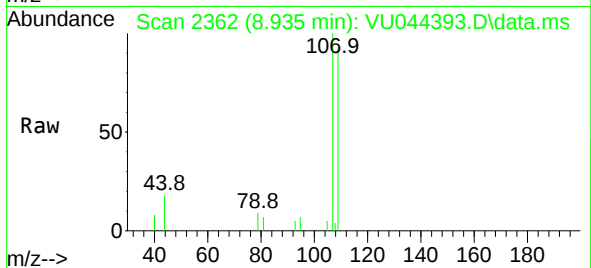
Delta R.T. 0.003 min

Lab File: VU044393.D

Acq: 23 Jul 2021 09:56

Tgt Ion:	107	Resp:	4398
Ion Ratio	Lower	Upper	
107	100		
109	93.2	66.0	122.6
188	0.0	2.8	4.2#

Instrument :
MSVOA_U
ClientSampled :



#51

Chlorobenzene

Concen: 0.459 ug/L

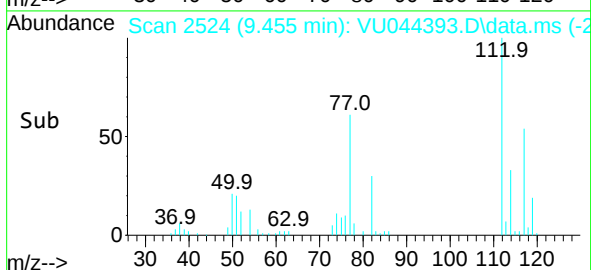
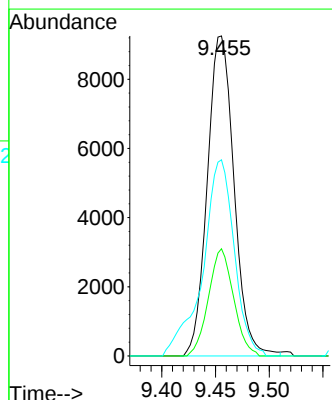
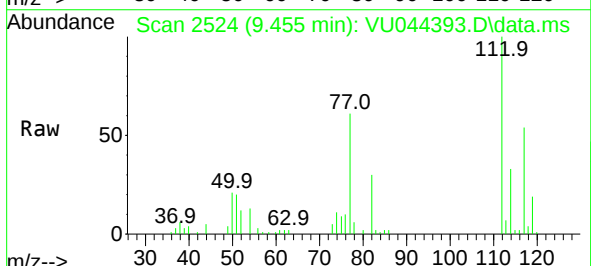
RT: 9.455 min Scan# 2524

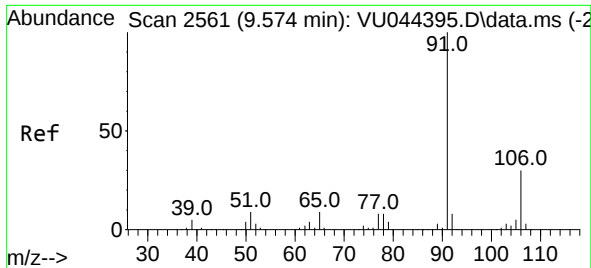
Delta R.T. 0.003 min

Lab File: VU044393.D

Acq: 23 Jul 2021 09:56

Tgt Ion:	112	Resp:	16023
Ion Ratio	Lower	Upper	
112	100		
114	31.2	22.5	41.7
77	57.1	48.9	73.3

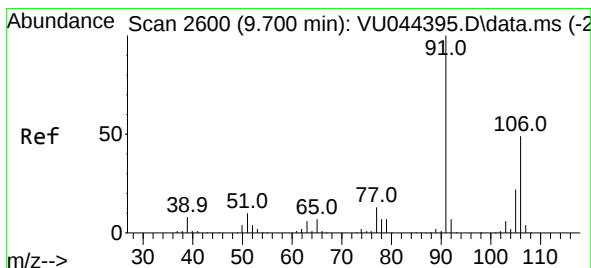
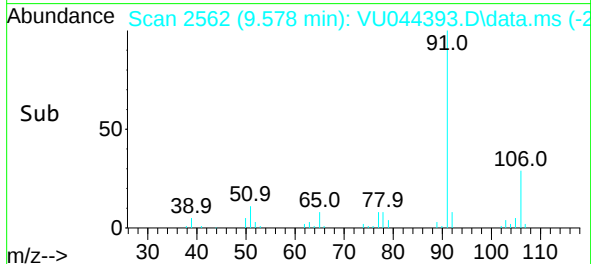
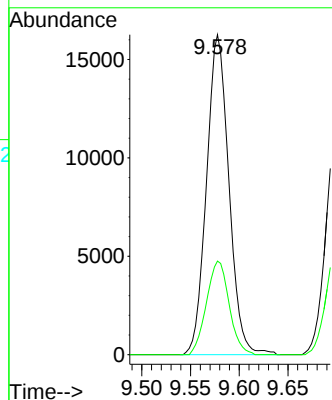
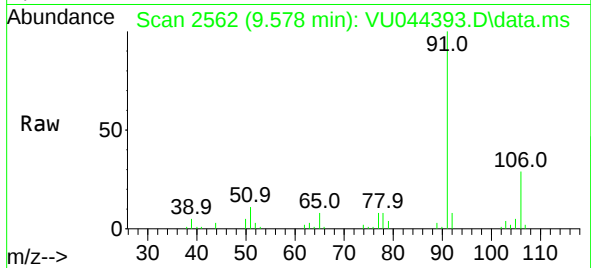




#52
Ethylbenzene
Concen: 0.416 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. 0.003 min
Lab File: VU044393.D
Acq: 23 Jul 2021 09:56

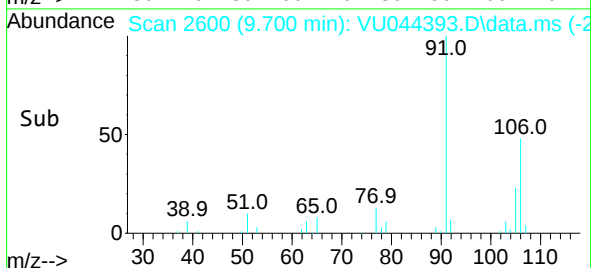
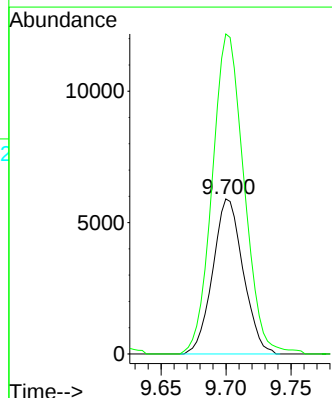
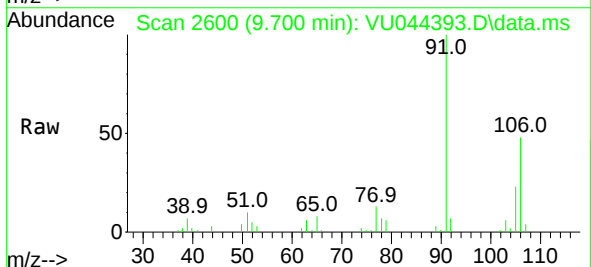
Instrument :
MSVOA_U
ClientSampled :

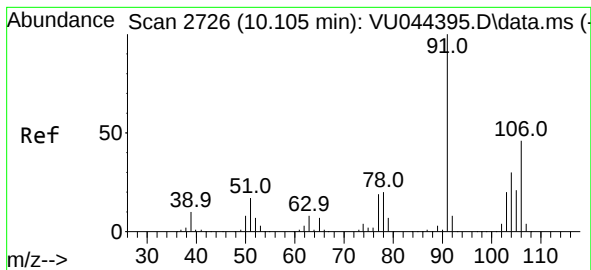
Tgt Ion: 91 Resp: 25968
Ion Ratio Lower Upper
91 100
106 29.2 20.9 38.9



#53
m,p-Xylene
Concen: 0.404 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. 0.000 min
Lab File: VU044393.D
Acq: 23 Jul 2021 09:56

Tgt Ion:106 Resp: 9584
Ion Ratio Lower Upper
106 100
91 206.5 144.1 267.5

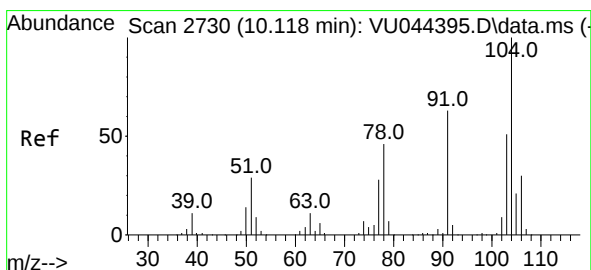
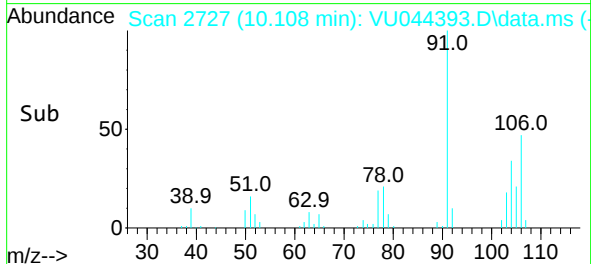
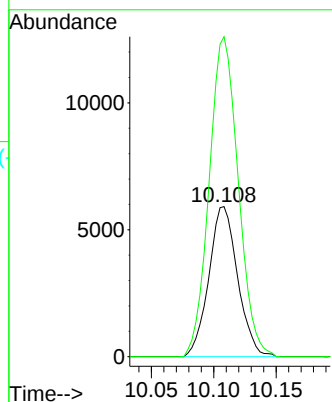
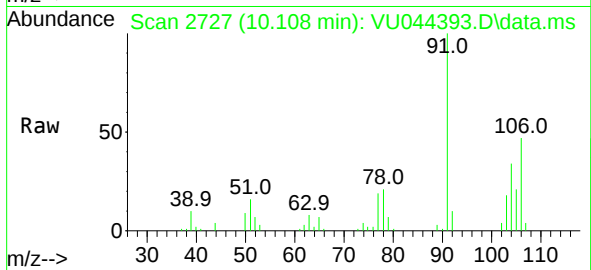




#54
o-Xylene
Concen: 0.412 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.003 min
Lab File: VU044393.D
Acq: 23 Jul 2021 09:56

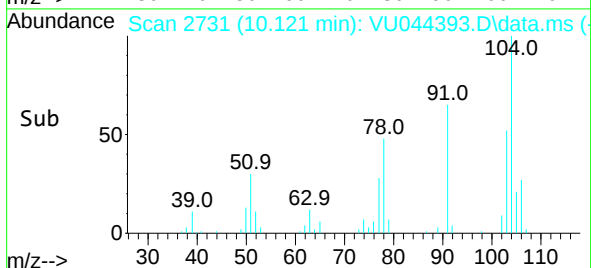
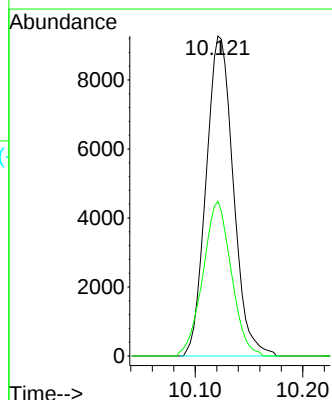
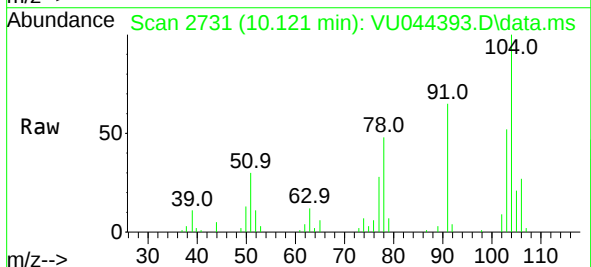
Instrument :
MSVOA_U
ClientSampled :

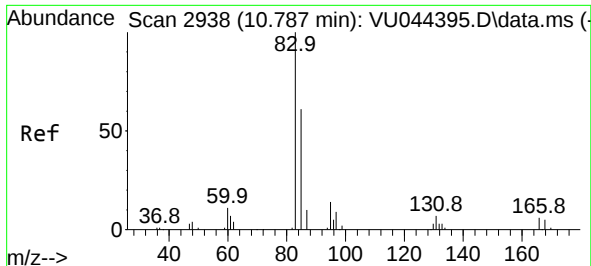
Tgt Ion:106 Resp: 9503
Ion Ratio Lower Upper
106 100
91 213.3 151.0 280.4



#55
Styrene
Concen: 0.404 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. 0.003 min
Lab File: VU044393.D
Acq: 23 Jul 2021 09:56

Tgt Ion:104 Resp: 16290
Ion Ratio Lower Upper
104 100
78 48.3 32.1 59.5

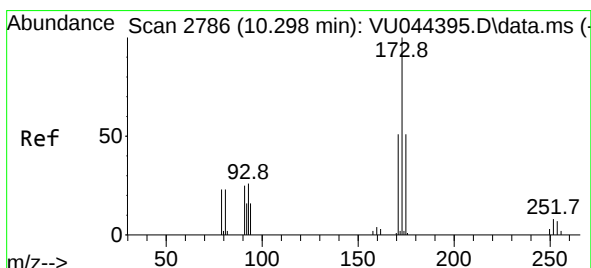
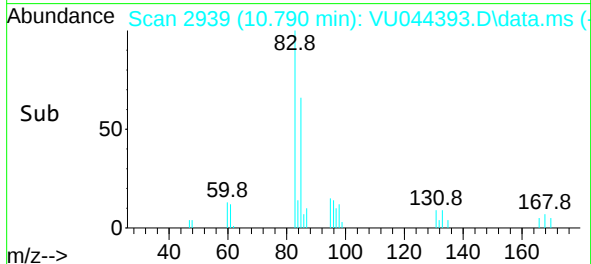
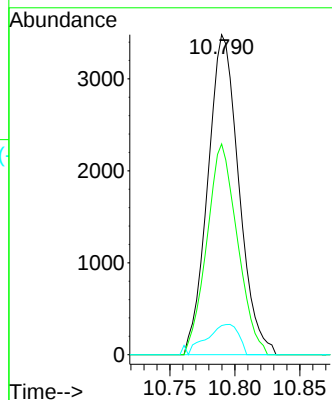
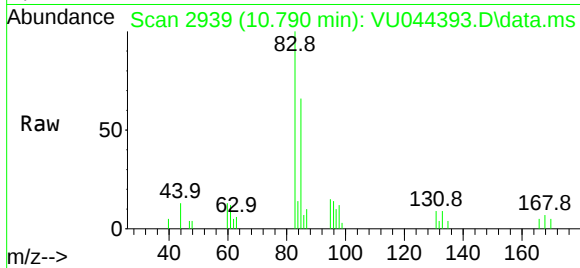




#57
1,1,2,2-Tetrachloroethane
Concen: 0.437 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. 0.003 min
Lab File: VU044393.D
Acq: 23 Jul 2021 09:56

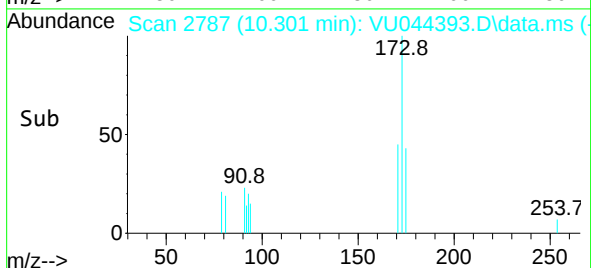
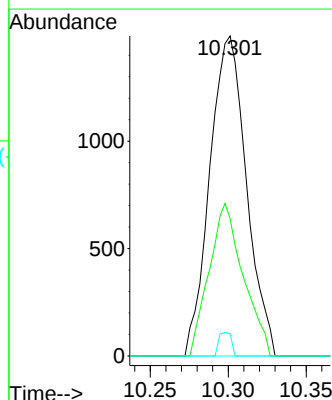
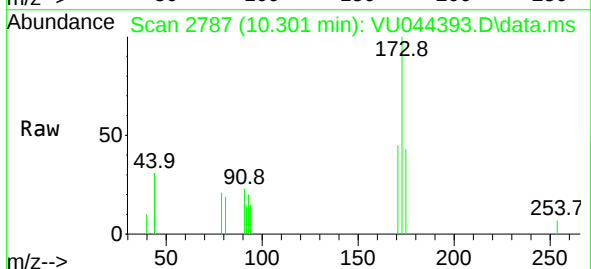
Instrument :
MSVOA_U
ClientSampled :

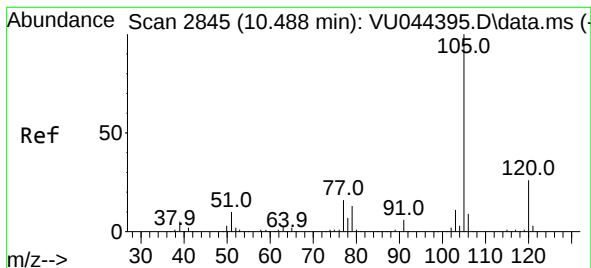
Tgt Ion: 83 Resp: 5787
Ion Ratio Lower Upper
83 100
85 65.8 43.4 80.6
131 9.1 6.6 9.8



#59
Bromoform
Concen: 0.374 ug/L
RT: 10.301 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VU044393.D
Acq: 23 Jul 2021 09:56

Tgt Ion:173 Resp: 2434
Ion Ratio Lower Upper
173 100
175 44.4 38.6 57.8
254 2.5 5.4 8.2#





#60

Isopropylbenzene

Concen: 0.436 ug/L

RT: 10.491 min Scan# 2846

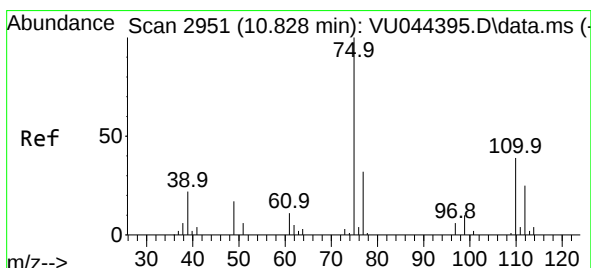
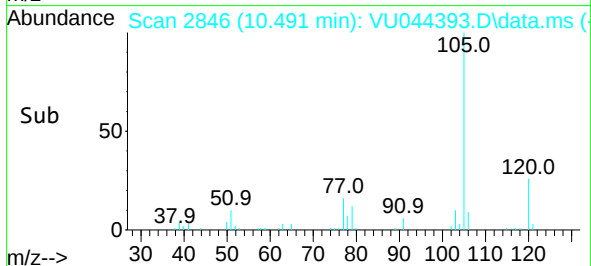
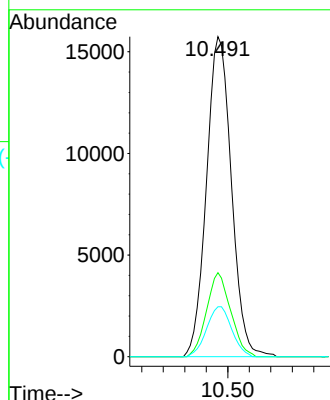
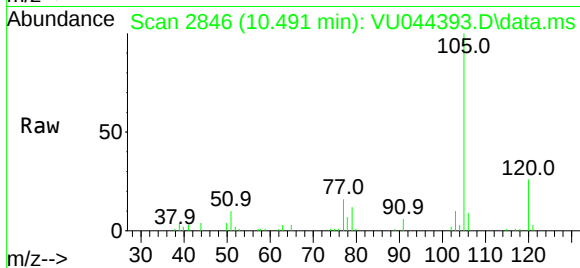
Delta R.T. 0.003 min

Lab File: VU044393.D

Acq: 23 Jul 2021 09:56

Tgt Ion:	105	Resp:	25314
Ion Ratio	Lower	Upper	
105	100		
120	25.3	20.7	31.1
77	15.7	12.7	19.1

Instrument :
MSVOA_U
ClientSampled :



#61

1,2,3-Trichloropropane

Concen: 0.535 ug/L

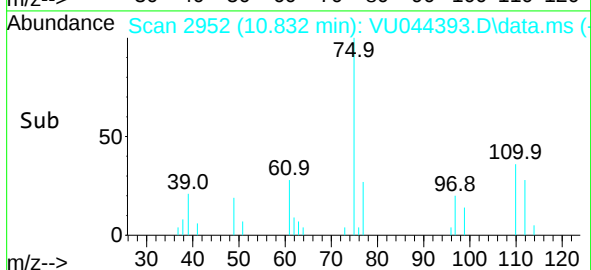
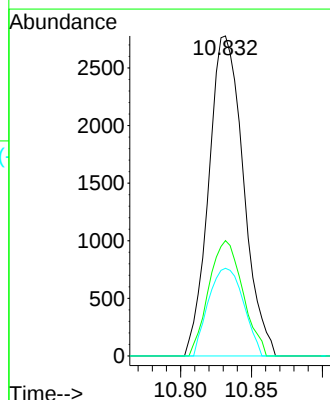
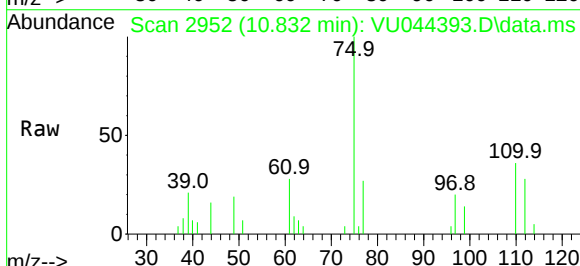
RT: 10.832 min Scan# 2952

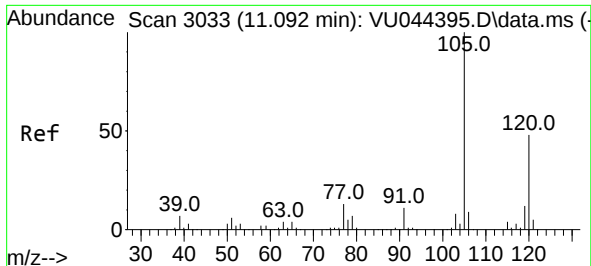
Delta R.T. 0.003 min

Lab File: VU044393.D

Acq: 23 Jul 2021 09:56

Tgt Ion:	75	Resp:	4722
Ion Ratio	Lower	Upper	
75	100		
110	35.4	30.2	45.2
77	27.7	26.2	39.2

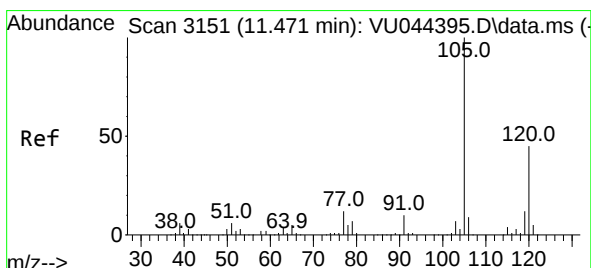
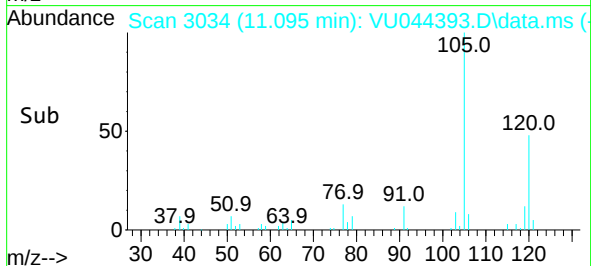
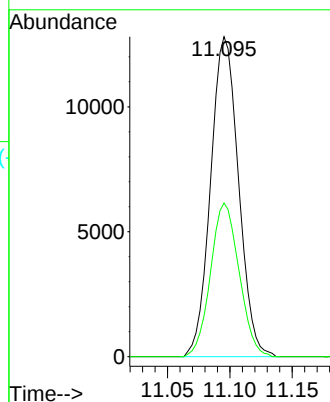
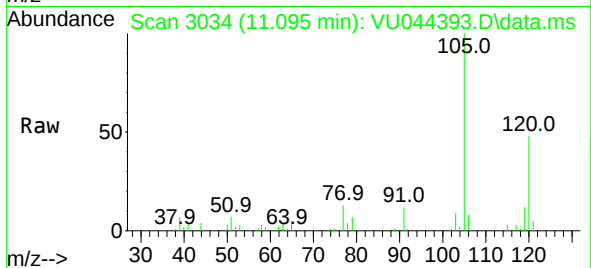




#62
1,3,5-Trimethylbenzene
Concen: 0.397 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. 0.003 min
Lab File: VU044393.D
Acq: 23 Jul 2021 09:56

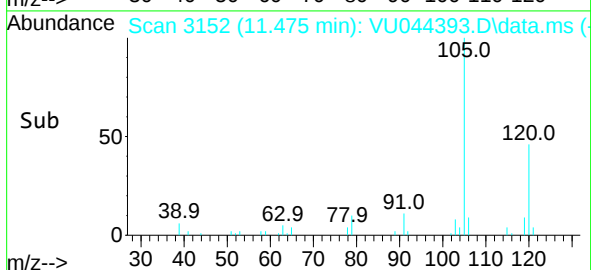
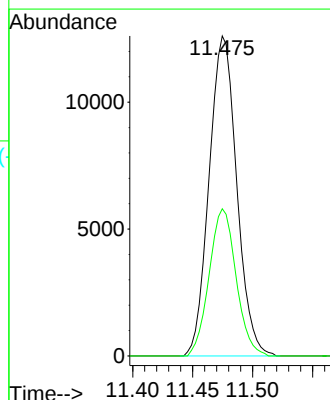
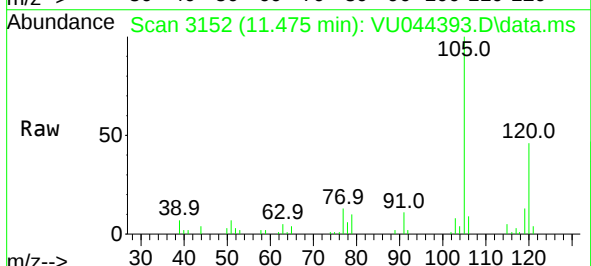
Instrument :
MSVOA_U
ClientSampled :

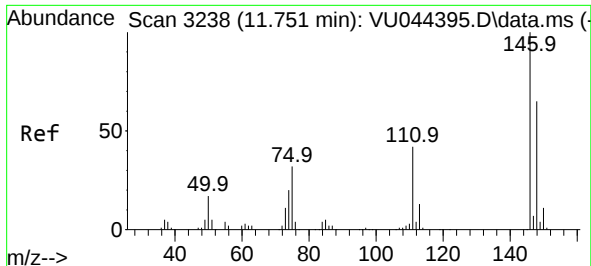
Tgt Ion:105 Resp: 19986
Ion Ratio Lower Upper
105 100
120 49.0 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 0.391 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VU044393.D
Acq: 23 Jul 2021 09:56

Tgt Ion:105 Resp: 20178
Ion Ratio Lower Upper
105 100
120 44.8 36.0 54.0

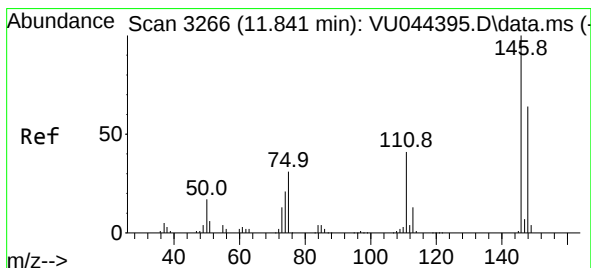
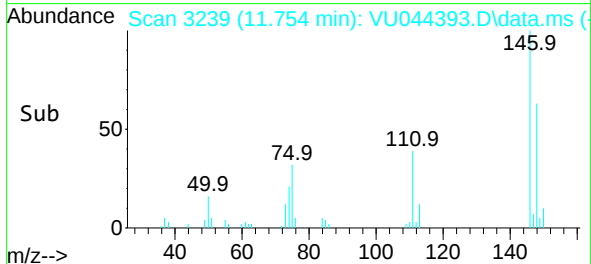
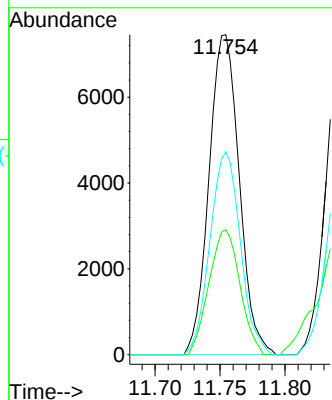
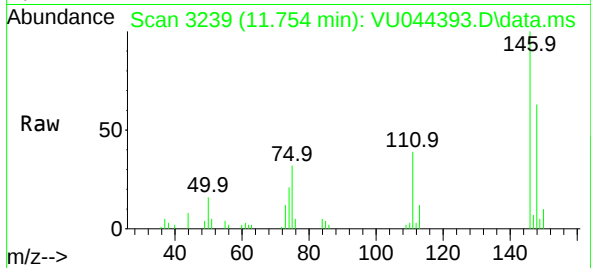




#64
1,3-Dichlorobenzene
Concen: 0.460 ug/L
RT: 11.754 min Scan# 3239
Delta R.T. 0.003 min
Lab File: VU044393.D
Acq: 23 Jul 2021 09:56

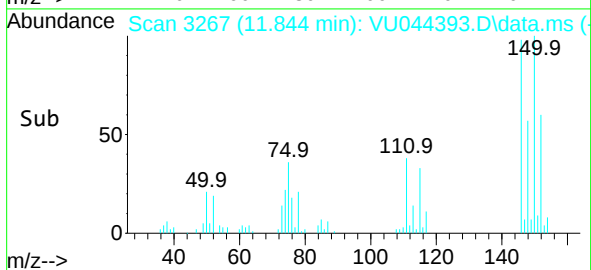
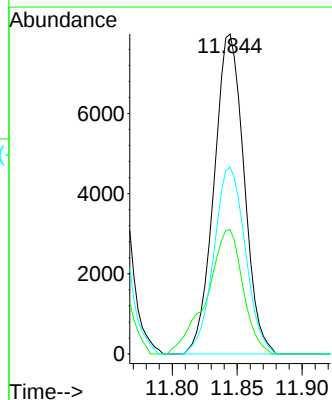
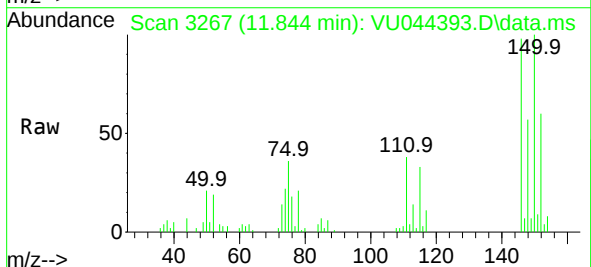
Instrument :
MSVOA_U
ClientSampled :

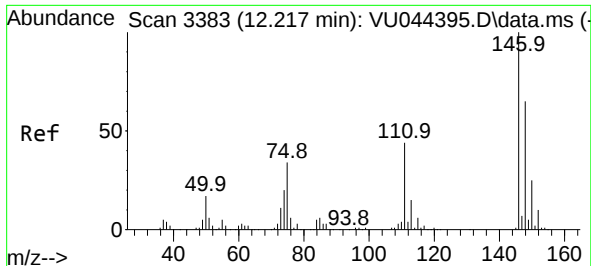
Tgt Ion:146 Resp: 12070
Ion Ratio Lower Upper
146 100
111 39.1 29.5 54.7
148 63.4 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 0.483 ug/L
RT: 11.844 min Scan# 3267
Delta R.T. 0.003 min
Lab File: VU044393.D
Acq: 23 Jul 2021 09:56

Tgt Ion:146 Resp: 12791
Ion Ratio Lower Upper
146 100
111 38.8 28.8 53.4
148 58.4 44.9 83.3

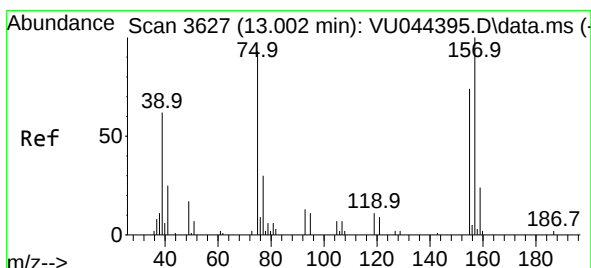
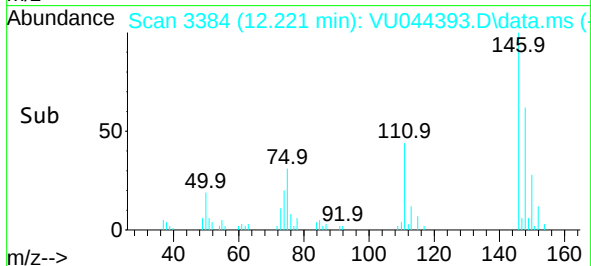
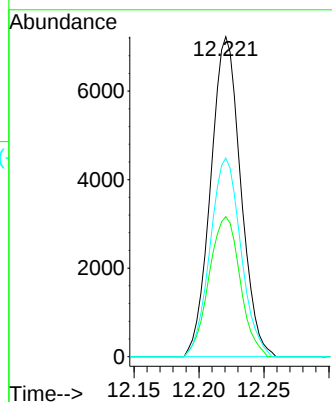
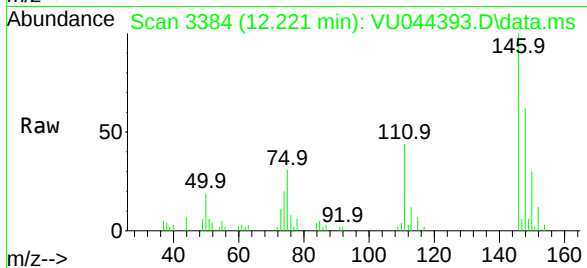




#67
1,2-Dichlorobenzene
Concen: 0.468 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. 0.003 min
Lab File: VU044393.D
Acq: 23 Jul 2021 09:56

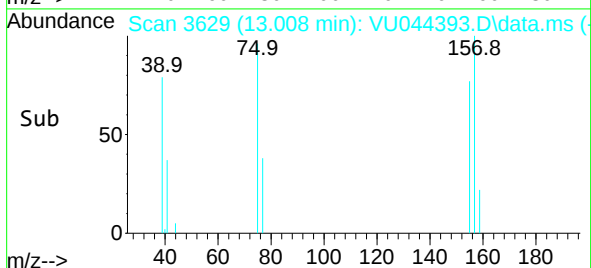
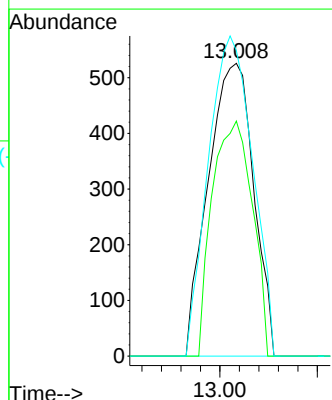
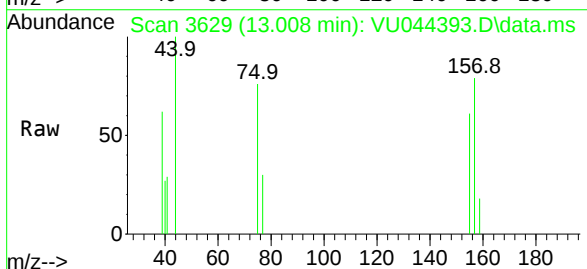
Instrument :
MSVOA_U
ClientSampled :

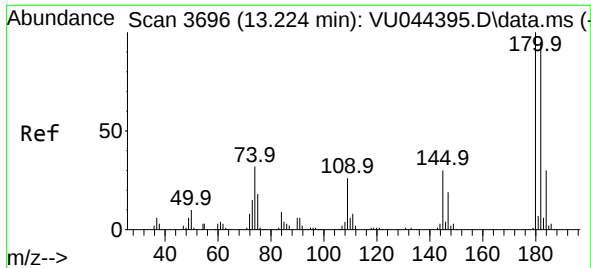
Tgt Ion:146 Resp: 11610
Ion Ratio Lower Upper
146 100
111 43.7 35.1 52.7
148 62.1 52.0 78.0



#68
1,2-Dibromo-3-chloropropane
Concen: 0.381 ug/L
RT: 13.008 min Scan# 3629
Delta R.T. 0.006 min
Lab File: VU044393.D
Acq: 23 Jul 2021 09:56

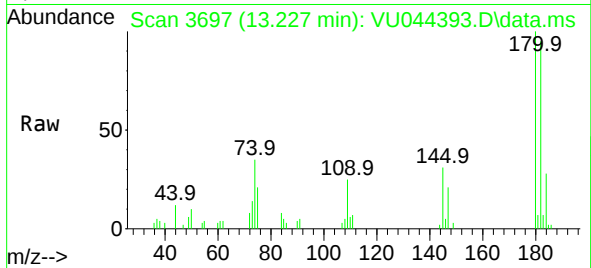
Tgt Ion: 75 Resp: 851
Ion Ratio Lower Upper
75 100
155 80.2 63.2 94.8
157 104.4 85.8 128.6



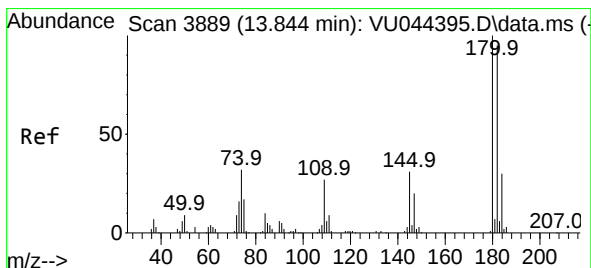
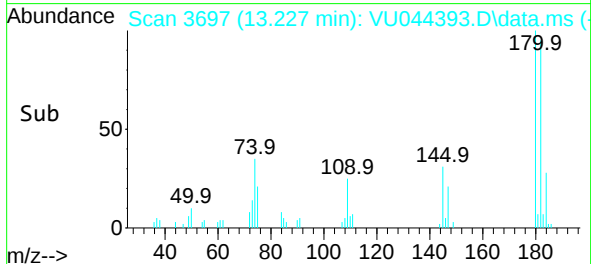
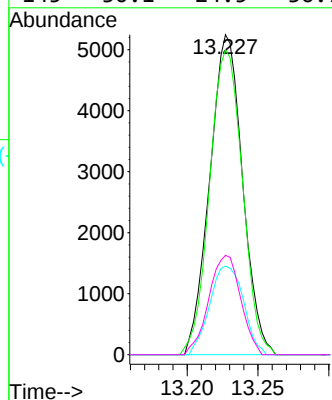


#69
 1,3,5-Trichlorobenzene
 Concen: 0.425 ug/L
 RT: 13.227 min Scan# 3697
 Delta R.T. 0.003 min
 Lab File: VU044393.D
 Acq: 23 Jul 2021 09:56

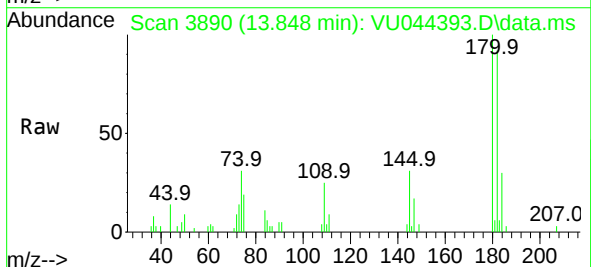
Instrument :
 MSVOA_U
 ClientSampled :



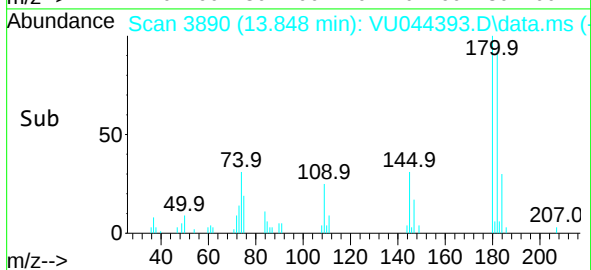
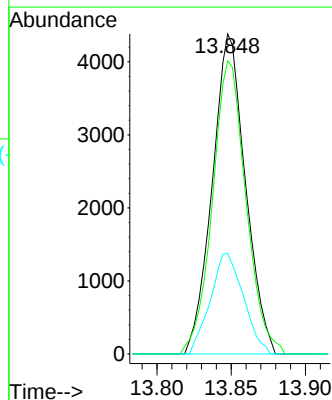
Tgt Ion:180 Resp: 8433
 Ion Ratio Lower Upper
 180 100
 182 95.4 75.6 113.4
 184 28.5 23.8 35.6
 145 30.1 24.5 36.7

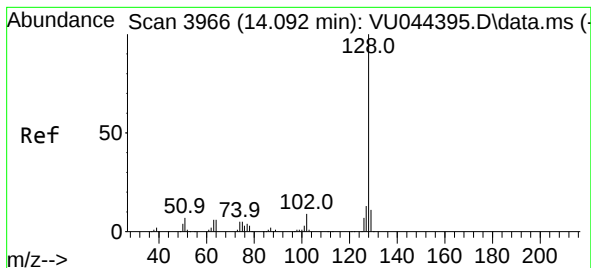


#70
 1,2,4-trichlorobenzene
 Concen: 0.403 ug/L
 RT: 13.848 min Scan# 3890
 Delta R.T. 0.003 min
 Lab File: VU044393.D
 Acq: 23 Jul 2021 09:56



Tgt Ion:180 Resp: 6795
 Ion Ratio Lower Upper
 180 100
 182 92.5 76.3 114.5
 145 31.4 24.7 37.1

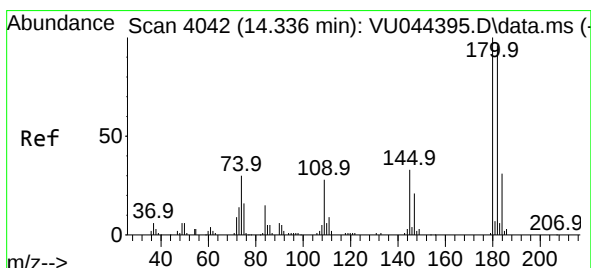
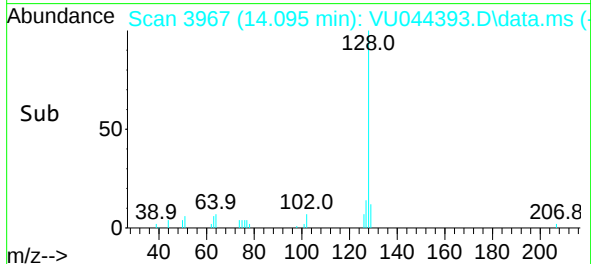
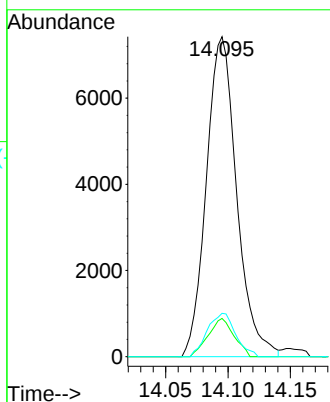
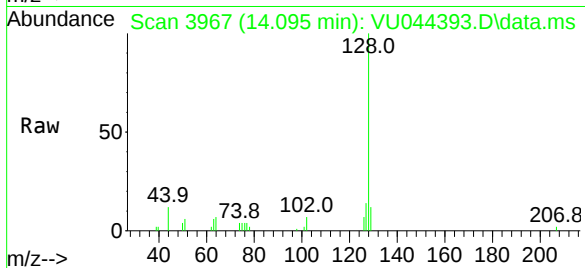




#71
Naphthalene
Concen: 0.403 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VU044393.D
Acq: 23 Jul 2021 09:56

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:128 Resp: 12596
Ion Ratio Lower Upper
128 100
129 10.1 8.6 13.0
127 12.6 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 0.410 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. 0.000 min
Lab File: VU044393.D
Acq: 23 Jul 2021 09:56

Tgt Ion:180 Resp: 6059
Ion Ratio Lower Upper
180 100
182 93.1 76.6 115.0
145 31.4 27.0 40.4

