

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101921\
 Data File : VU045326.D
 Acq On : 19 Oct 2021 12:47
 Operator : SY/MD
 Sample : VSTD01020
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 20 02:47:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 20 02:46:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	299912	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	294175	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	144825	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	13401	4.611	ug/L	0.00
7) Chloroethane-d5	1.916	69	12290	5.265	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.575	63	26242	5.318	ug/L	0.00
21) 2-Butanone-d5	4.629	46	37360	15.058	ug/L	0.00
24) Chloroform-d	5.070	84	34264	7.054	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.706	65	23842	7.234	ug/L	0.00
32) Benzene-d6	5.732	84	54210	5.858	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.697	67	21265	6.880	ug/L	0.00
41) Toluene-d8	7.902	98	46298	5.826	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.185	79	10250	7.320	ug/L	0.00
47) 2-Hexanone-d5	8.639	63	24939	14.216	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.761	84	40065	8.033	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.198	152	25064	8.289	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	23326	8.523	ug/L	99
3) Chloromethane	1.523	50	25840	7.671	ug/L	100
5) Vinyl chloride	1.607	62	28655	8.536	ug/L	92
6) Bromomethane	1.858	94	14731	8.905	ug/L	99
8) Chloroethane	1.938	64	18941	8.985	ug/L	95
9) Trichlorofluoromethane	2.141	101	34468	8.928	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	22437	9.160	ug/L	99
12) 1,1-Dichloroethene	2.584	96	19931	8.905	ug/L	95
13) Acetone	2.633	43	50744	17.978	ug/L	97
14) Carbon disulfide	2.797	76	54553	7.764	ug/L	98
15) Methyl Acetate	2.954	43	29333	8.326	ug/L	97
16) Methylene chloride	3.051	84	26615	9.320	ug/L	98
17) trans-1,2-Dichloroethene	3.359	96	20959	8.873	ug/L	94
18) Methyl tert-butyl Ether	3.372	73	72672	9.196	ug/L	99
19) 1,1-Dichloroethane	3.877	63	44337	9.012	ug/L	98
20) cis-1,2-Dichloroethene	4.671	96	24189	9.200	ug/L	98
22) 2-Butanone	4.710	43	51548	16.191	ug/L	98
23) Bromochloromethane	4.983	128	12328	9.257	ug/L	95
25) Chloroform	5.096	83	45142	9.161	ug/L	98
27) 1,2-Dichloroethane	5.800	62	35459	8.696	ug/L	98
29) Cyclohexane	5.395	56	34525	8.241	ug/L	98
30) 1,1,1-Trichloroethane	5.324	97	34769	8.867	ug/L	98
31) Carbon tetrachloride	5.530	117	27159	8.775	ug/L	99
33) Benzene	5.780	78	93309	8.890	ug/L	100
34) Trichloroethene	6.546	95	22849	9.002	ug/L	98
35) Methylcyclohexane	6.767	83	34826	8.354	ug/L	99
37) 1,2-Dichloropropane	6.796	63	25917	9.051	ug/L	99
38) Bromodichloromethane	7.108	83	33022	9.356	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	35895	8.693	ug/L	98
40) 4-Methyl-2-pentanone	7.796	43	75735	16.030	ug/L	97
42) Toluene	7.973	91	96610	9.046	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	34078	8.670	ug/L	98

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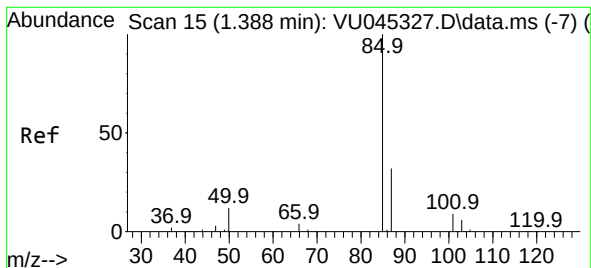
Quant Time: Oct 20 02:47:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 20 02:46:04 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.404	97	25178	9.596	ug/L	99
46) Tetrachloroethene	8.555	164	15802	8.766	ug/L	96
48) 2-Hexanone	8.690	43	63147	15.173	ug/L	98
49) Dibromochloromethane	8.816	129	22909	8.847	ug/L	94
50) 1,2-Dibromoethane	8.928	107	24910	9.100	ug/L	97
51) Chlorobenzene	9.449	112	61526	9.229	ug/L	99
52) Ethylbenzene	9.574	91	101976	8.962	ug/L	99
53) m,p-Xylene	9.697	106	38280	8.876	ug/L	97
54) o-xylene	10.105	106	38624	9.098	ug/L	99
55) Styrene	10.118	104	63792	8.742	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.787	83	43060	8.615	ug/L	96
59) Bromoform	10.295	173	15935	9.127	ug/L	98
60) 1,2,3-Trichloropropane	10.825	75	35287	9.113	ug/L	99
61) Isopropylbenzene	10.488	105	100624	9.745	ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	77348	8.959	ug/L	98
63) 1,2,4-Trimethylbenzene	11.471	105	78488	8.899	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	45469	9.467	ug/L	98
65) 1,4-Dichlorobenzene	11.841	146	46820	9.518	ug/L	100
67) 1,2-Dichlorobenzene	12.217	146	47512	9.686	ug/L	94
68) 1,2-Dibromo-3-chloropr...	13.002	75	9140	8.311	ug/L	98
69) 1,3,5-Trichlorobenzene	13.224	180	30059	9.065	ug/L	99
70) 1,2,4-trichlorobenzene	13.844	180	24055	8.759	ug/L	97
71) Naphthalene	14.092	128	72497	7.695	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	24256	8.678	ug/L	98

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

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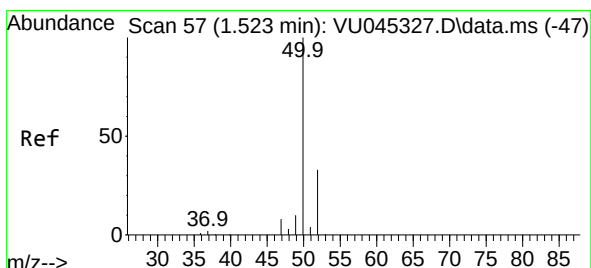
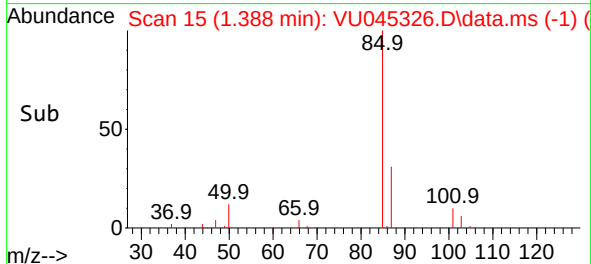
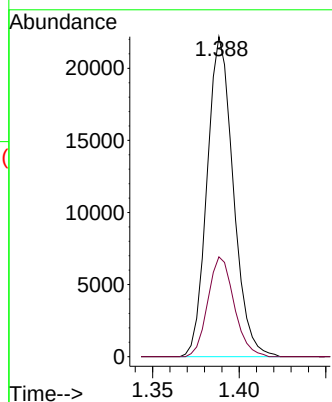
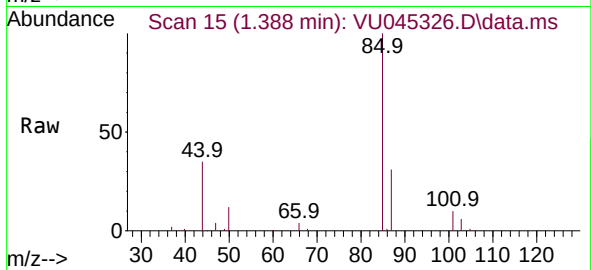




#2
Dichlorodifluoromethane
Concen: 8.523 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU045326.D
Acq: 19 Oct 2021 12:47

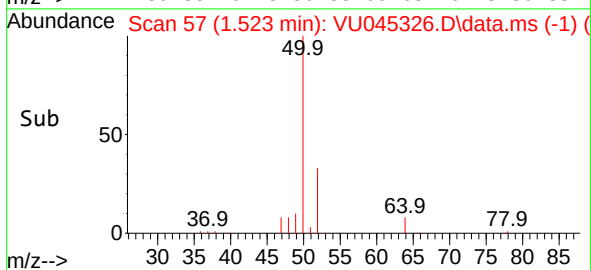
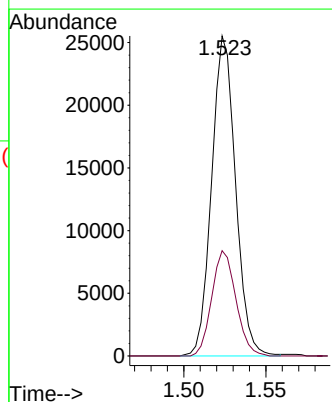
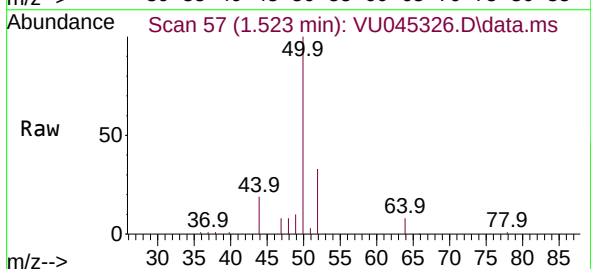
Instrument :
MSVOA_U
ClientSampled :

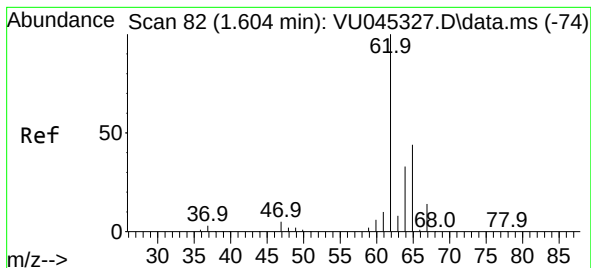
Tgt Ion: 85 Resp: 23326
Ion Ratio Lower Upper
85 100
87 31.2 25.3 37.9



#3
Chloromethane
Concen: 7.671 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU045326.D
Acq: 19 Oct 2021 12:47

Tgt Ion: 50 Resp: 25840
Ion Ratio Lower Upper
50 100
52 32.9 23.2 43.0





#5

Vinyl chloride

Concen: 8.536 ug/L

RT: 1.607 min Scan# 83

Delta R.T. 0.003 min

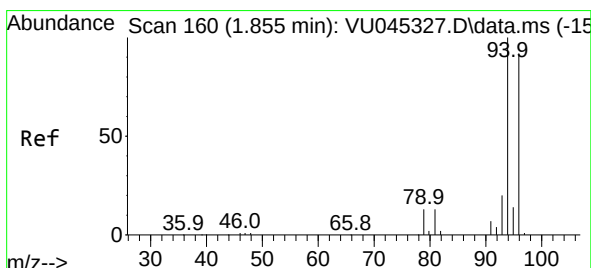
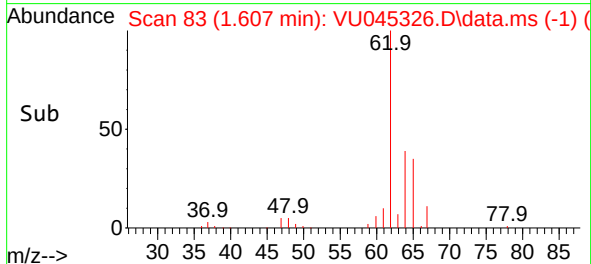
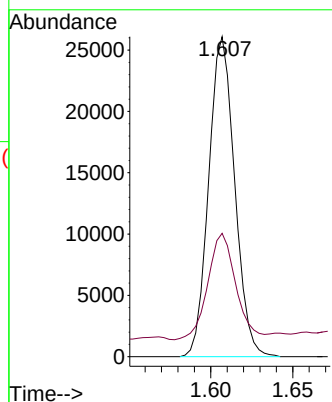
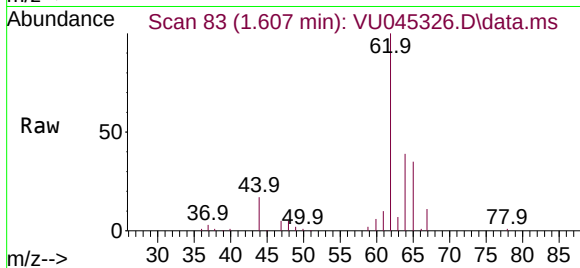
Lab File: VU045326.D

Acq: 19 Oct 2021 12:47

Tgt Ion: 62 Resp: 28655

Ion	Ratio	Lower	Upper
62	100		
64	38.6	23.9	44.3

Instrument :
MSVOA_U
ClientSampled :



#6

Bromomethane

Concen: 8.905 ug/L

RT: 1.858 min Scan# 161

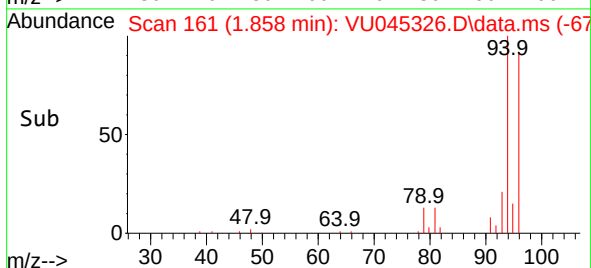
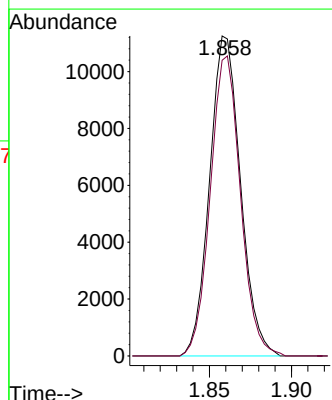
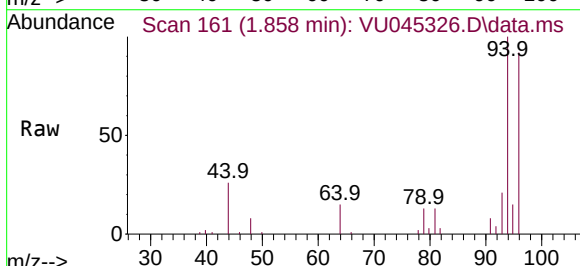
Delta R.T. 0.003 min

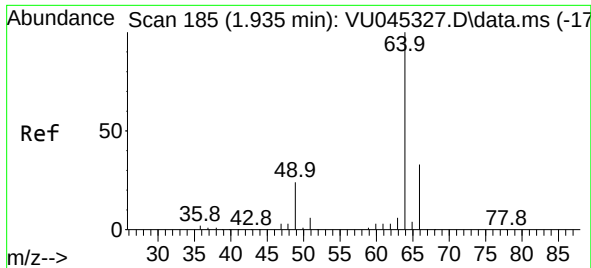
Lab File: VU045326.D

Acq: 19 Oct 2021 12:47

Tgt Ion: 94 Resp: 14731

Ion	Ratio	Lower	Upper
94	100		
96	92.4	64.1	119.1

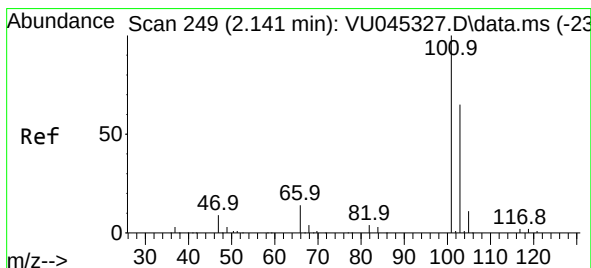
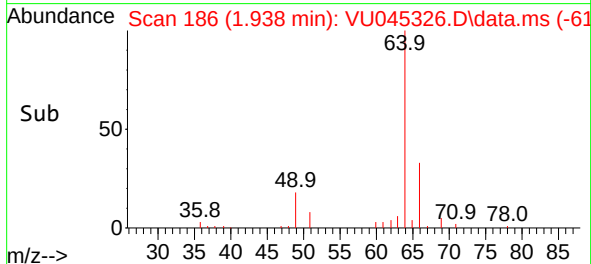
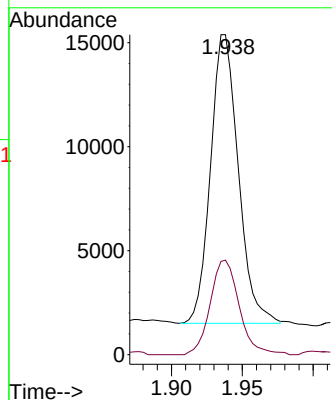
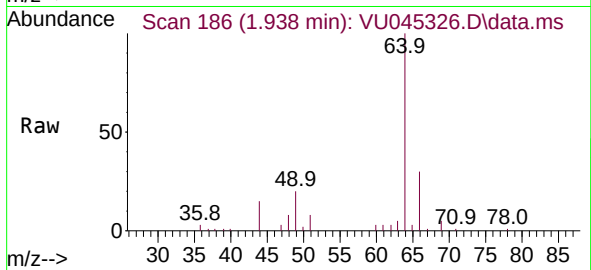




#8
Chloroethane
Concen: 8.985 ug/L
RT: 1.938 min Scan# 186
Delta R.T. 0.003 min
Lab File: VU045326.D
Acq: 19 Oct 2021 12:47

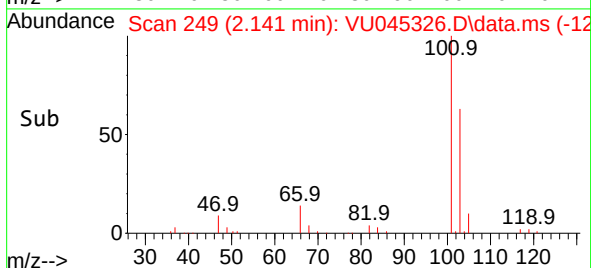
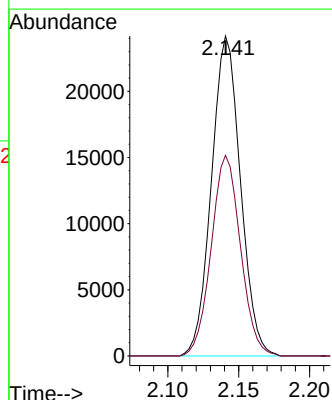
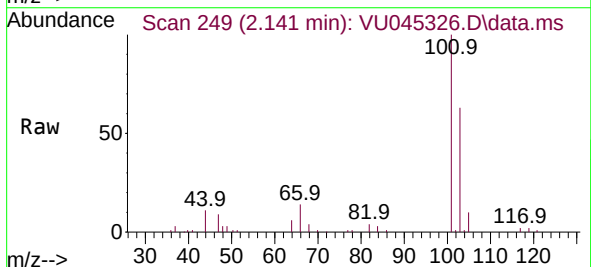
Instrument :
MSVOA_U
ClientSampled :

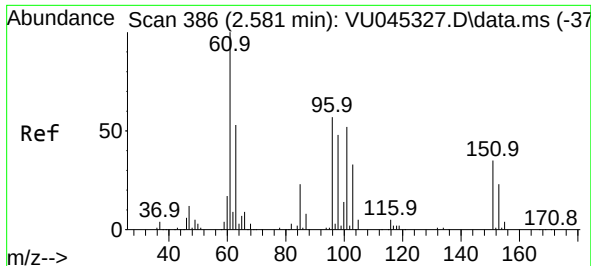
Tgt Ion: 64 Resp: 18941
Ion Ratio Lower Upper
64 100
66 29.6 22.5 41.9



#9
Trichlorofluoromethane
Concen: 8.928 ug/L
RT: 2.141 min Scan# 249
Delta R.T. -0.000 min
Lab File: VU045326.D
Acq: 19 Oct 2021 12:47

Tgt Ion:101 Resp: 34468
Ion Ratio Lower Upper
101 100
103 63.2 50.8 76.2

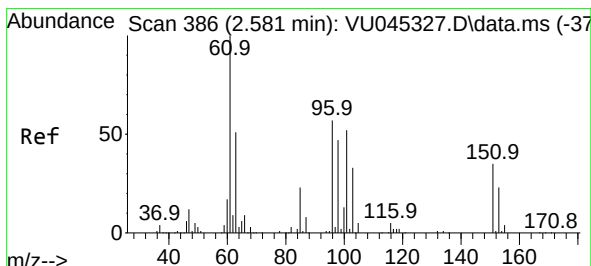
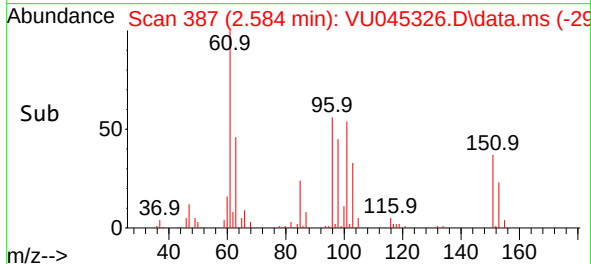
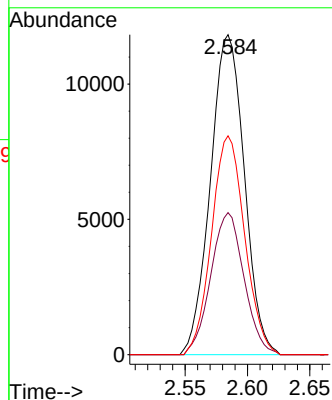
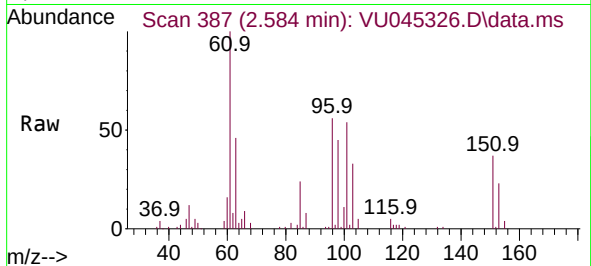




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 9.160 ug/L
RT: 2.584 min Scan# 387
Delta R.T. 0.003 min
Lab File: VU045326.D
Acq: 19 Oct 2021 12:47

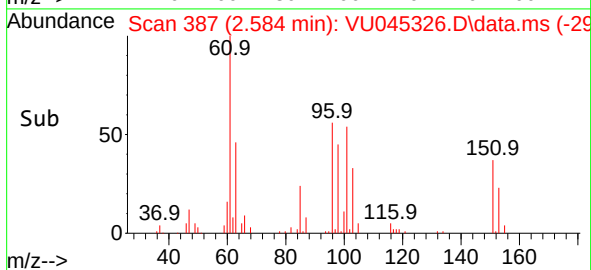
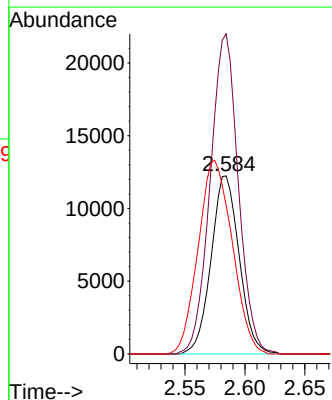
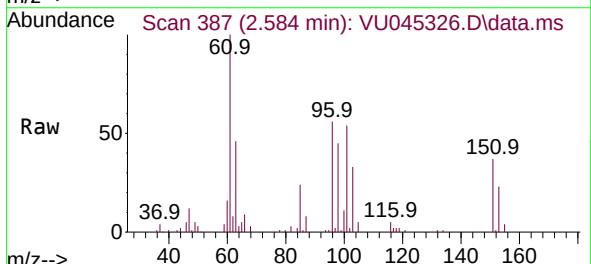
Instrument :
MSVOA_U
ClientSampled :

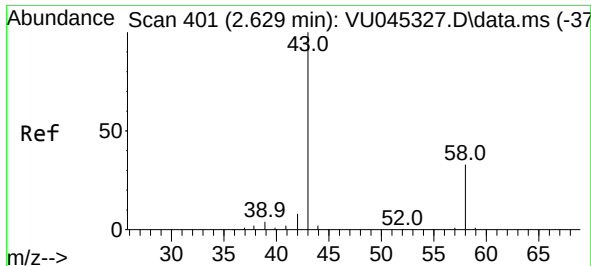
Tgt Ion:101 Resp: 22437
Ion Ratio Lower Upper
101 100
85 43.4 35.2 52.8
151 66.8 53.9 80.9



#12
1,1-Dichloroethene
Concen: 8.905 ug/L
RT: 2.584 min Scan# 387
Delta R.T. 0.003 min
Lab File: VU045326.D
Acq: 19 Oct 2021 12:47

Tgt Ion: 96 Resp: 19931
Ion Ratio Lower Upper
96 100
61 179.6 122.9 228.3
63 83.4 65.3 121.3

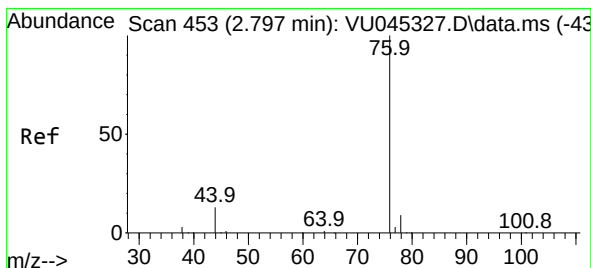
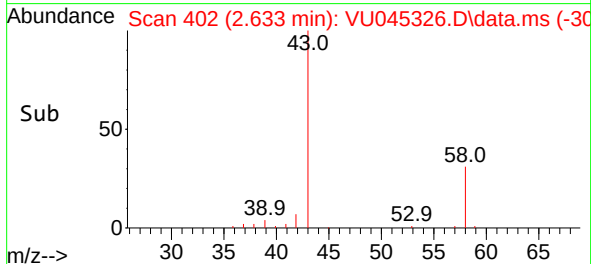
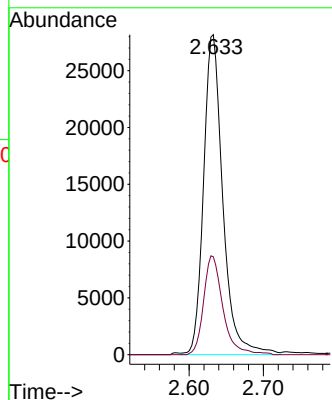
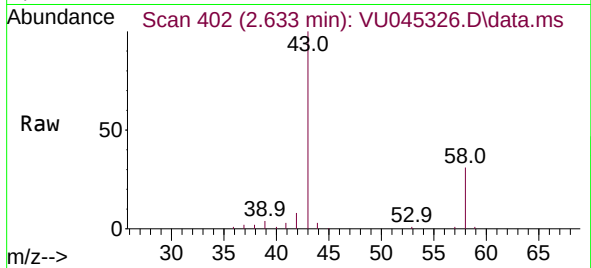




#13
Acetone
Concen: 17.978 ug/L
RT: 2.633 min Scan# 402
Delta R.T. 0.003 min
Lab File: VU045326.D
Acq: 19 Oct 2021 12:47

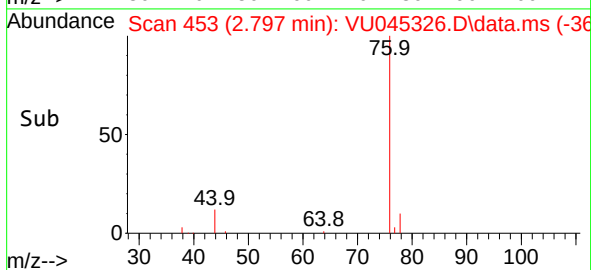
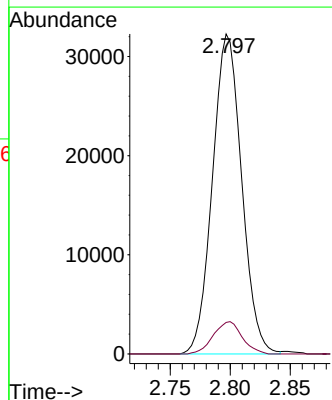
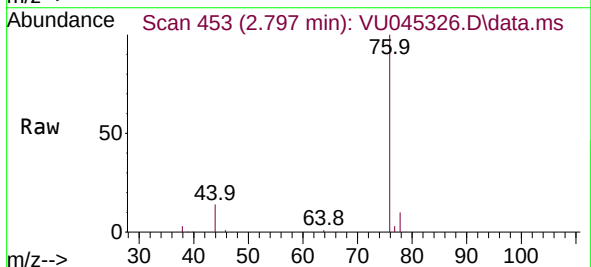
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ClientSampleId :

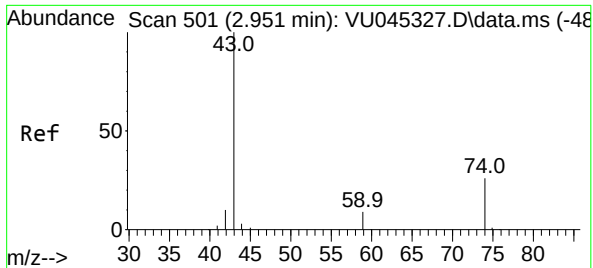
Tgt Ion: 43 Resp: 50744
Ion Ratio Lower Upper
43 100
58 30.6 0.0 64.8



#14
Carbon disulfide
Concen: 7.764 ug/L
RT: 2.797 min Scan# 453
Delta R.T. -0.000 min
Lab File: VU045326.D
Acq: 19 Oct 2021 12:47

Tgt Ion: 76 Resp: 54553
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.0

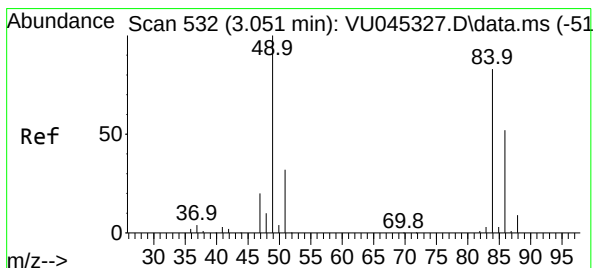
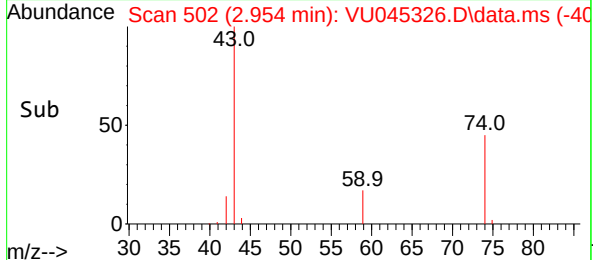
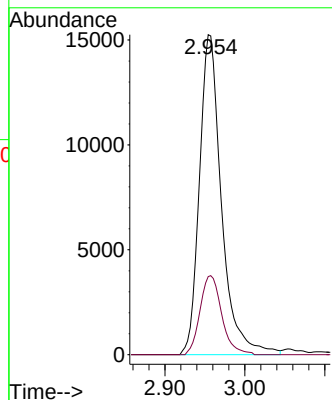
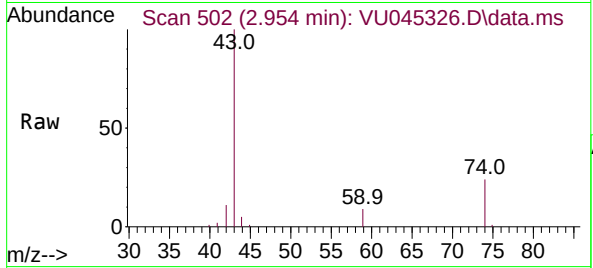




#15
Methyl Acetate
Concen: 8.326 ug/L
RT: 2.954 min Scan# 502
Delta R.T. 0.003 min
Lab File: VU045326.D
Acq: 19 Oct 2021 12:47

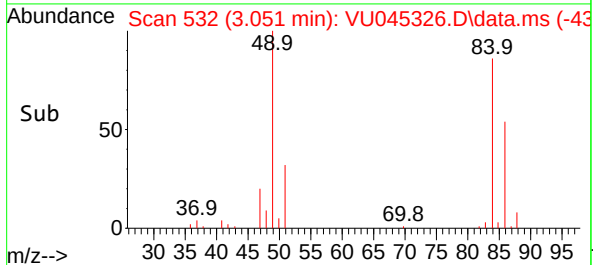
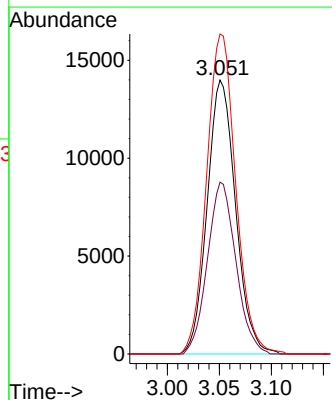
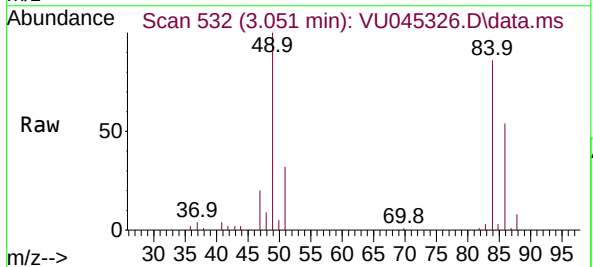
Instrument :
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ClientSampleId :

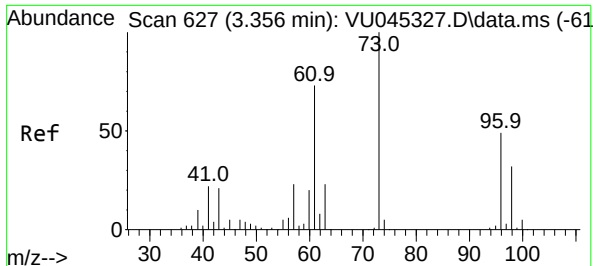
Tgt Ion: 43 Resp: 29333
Ion Ratio Lower Upper
43 100
74 24.3 20.5 30.7



#16
Methylene chloride
Concen: 9.320 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.000 min
Lab File: VU045326.D
Acq: 19 Oct 2021 12:47

Tgt Ion: 84 Resp: 26615
Ion Ratio Lower Upper
84 100
86 62.7 44.1 81.9
49 116.8 84.2 156.4



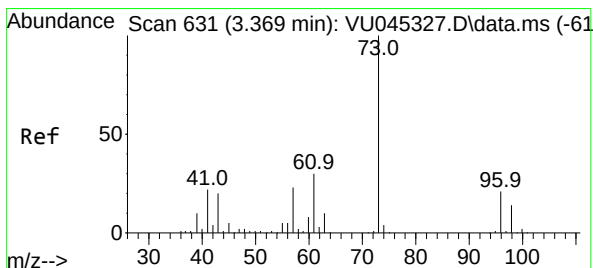
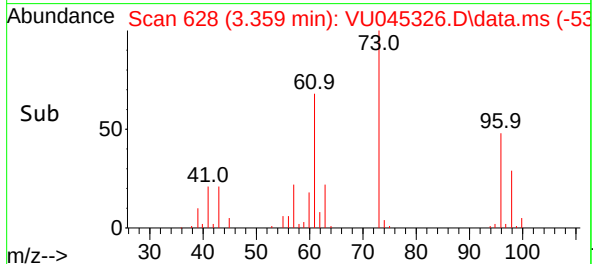
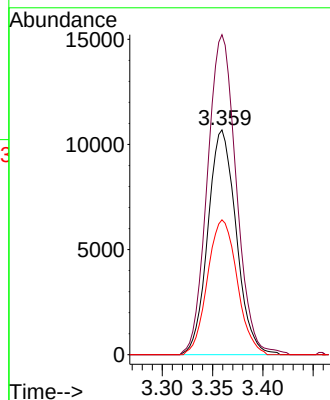
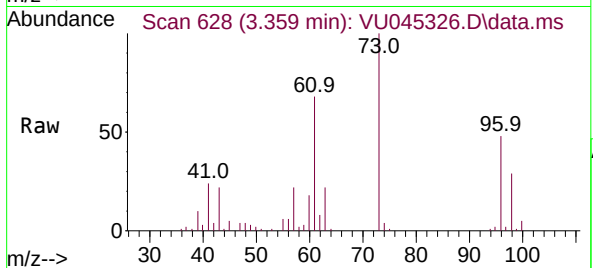


#17

trans-1,2-Dichloroethene
Concen: 8.873 ug/L
RT: 3.359 min Scan# 628
Delta R.T. 0.003 min
Lab File: VU045326.D
Acq: 19 Oct 2021 12:47

Instrument :
MSVOA_U
ClientSampleId :

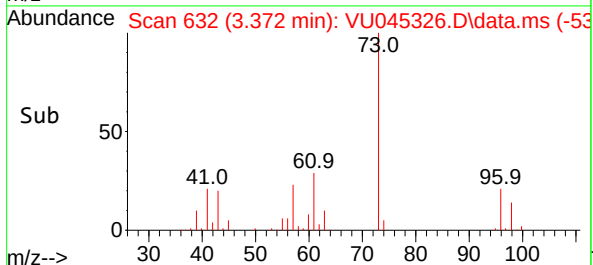
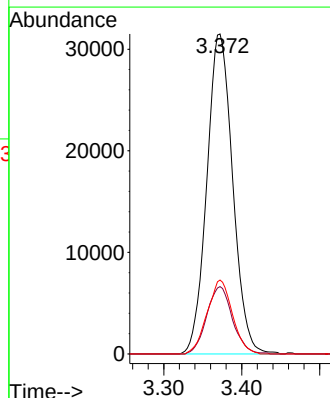
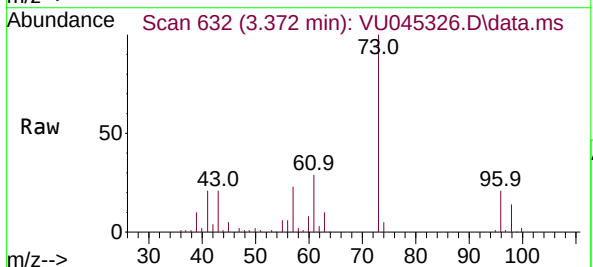
Tgt Ion: 96 Resp: 20959
Ion Ratio Lower Upper
96 100
61 142.4 104.7 194.4
98 60.0 45.8 85.2

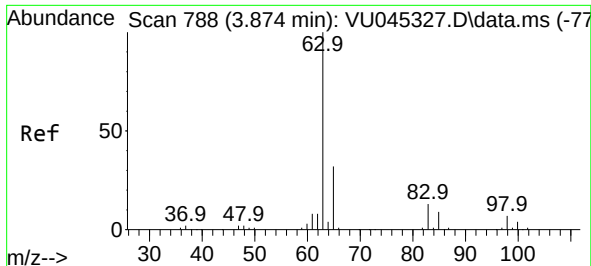


#18

Methyl tert-butyl Ether
Concen: 9.196 ug/L
RT: 3.372 min Scan# 632
Delta R.T. 0.003 min
Lab File: VU045326.D
Acq: 19 Oct 2021 12:47

Tgt Ion: 73 Resp: 72672
Ion Ratio Lower Upper
73 100
43 21.0 16.2 24.4
57 22.5 17.9 26.9





#19

1,1-Dichloroethane

Concen: 9.012 ug/L

RT: 3.877 min Scan# 789

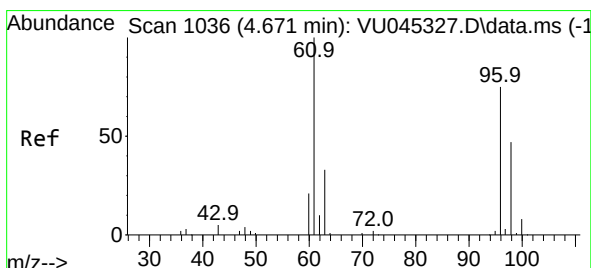
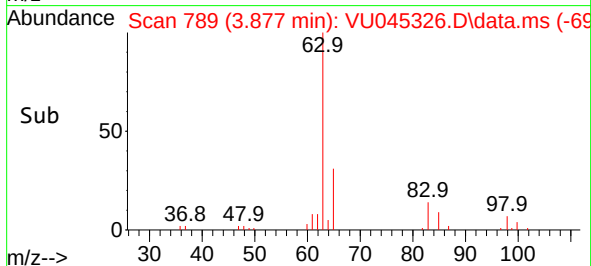
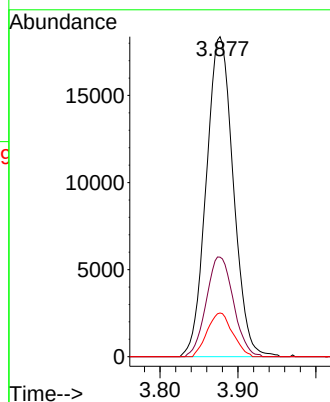
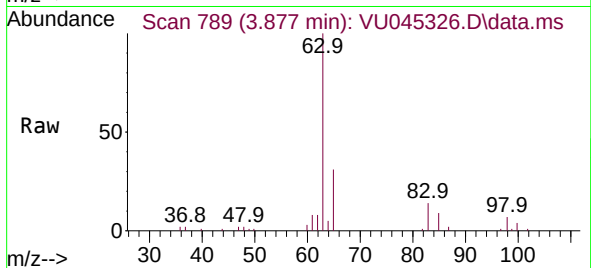
Delta R.T. 0.003 min

Lab File: VU045326.D

Acq: 19 Oct 2021 12:47

Tgt Ion:	63	Resp:	44337
Ion	Ratio	Lower	Upper
63	100		
65	31.1	22.5	41.9
83	13.7	8.9	16.5

Instrument :
MSVOA_U
ClientSampled :



#20

cis-1,2-Dichloroethene

Concen: 9.200 ug/L

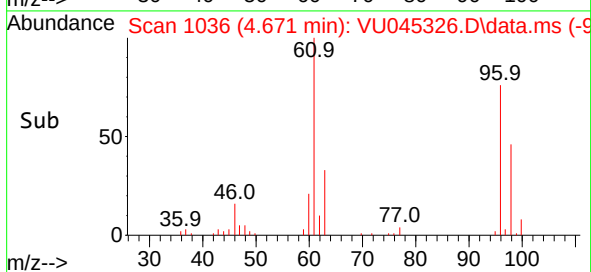
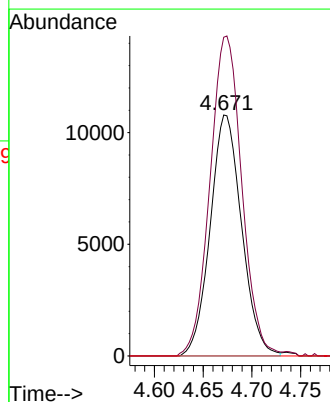
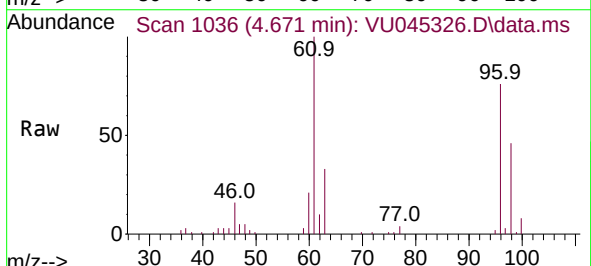
RT: 4.671 min Scan# 1036

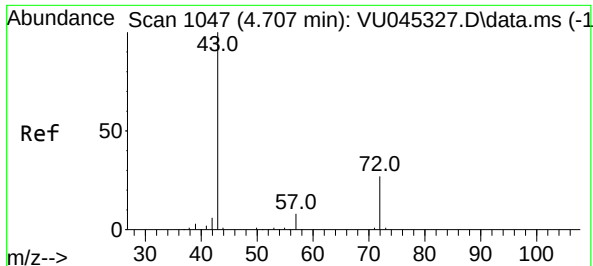
Delta R.T. -0.000 min

Lab File: VU045326.D

Acq: 19 Oct 2021 12:47

Tgt Ion:	96	Resp:	24189
Ion	Ratio	Lower	Upper
96	100		
61	132.3	94.2	175.0
68	0.0	0.0	0.0





#22

2-Butanone

Concen: 16.191 ug/L

RT: 4.710 min Scan# 1048

Delta R.T. 0.003 min

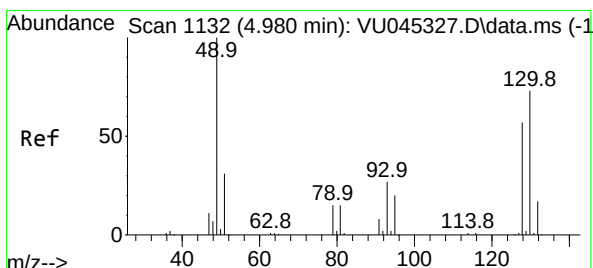
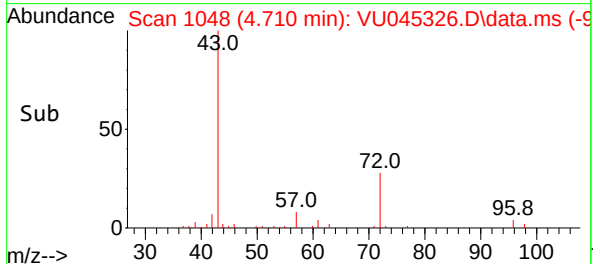
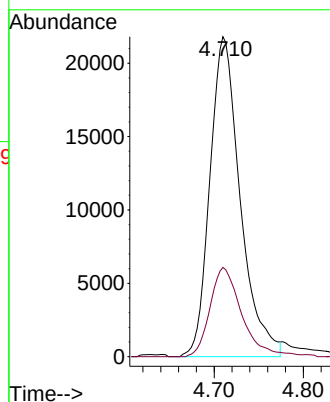
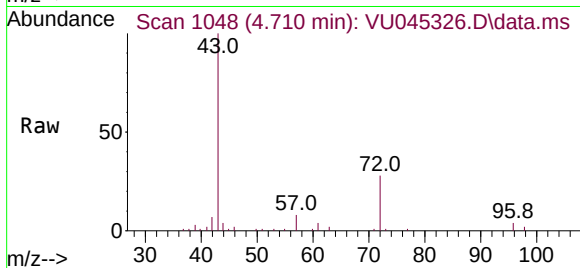
Lab File: VU045326.D

Acq: 19 Oct 2021 12:47

Tgt Ion: 43 Resp: 51548

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
43	100		
72	29.1	14.1	42.2



#23

Bromochloromethane

Concen: 9.257 ug/L

RT: 4.983 min Scan# 1133

Delta R.T. 0.003 min

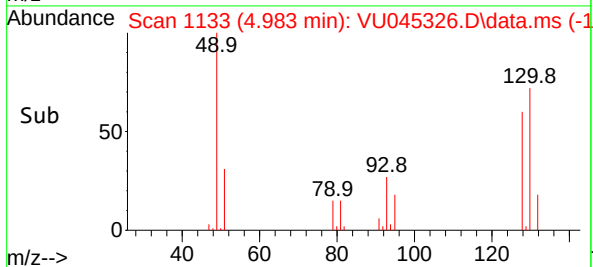
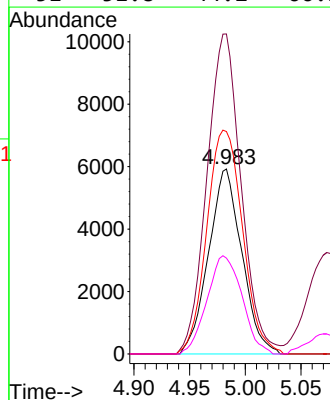
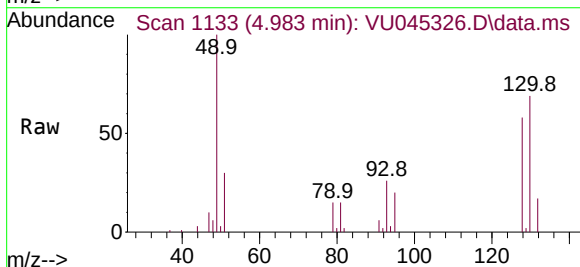
Lab File: VU045326.D

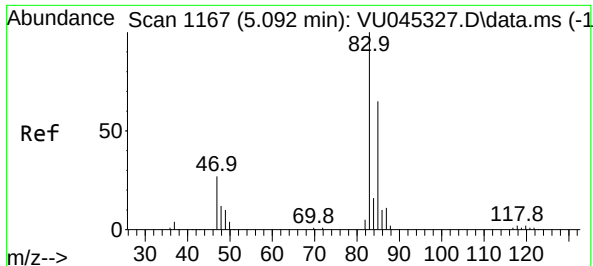
Acq: 19 Oct 2021 12:47

Tgt Ion: 128 Resp: 12328

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
128	100		
49	173.0	123.8	229.8
130	120.2	89.8	166.8
51	51.8	44.2	66.2





#25

Chloroform

Concen: 9.161 ug/L

RT: 5.096 min Scan# 1168

Delta R.T. 0.003 min

Lab File: VU045326.D

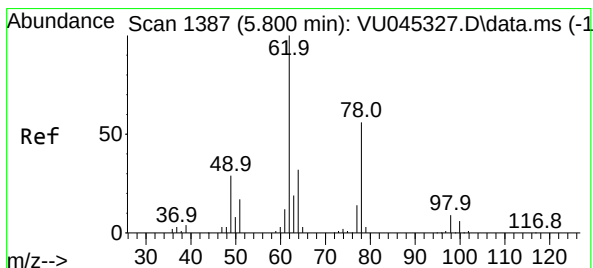
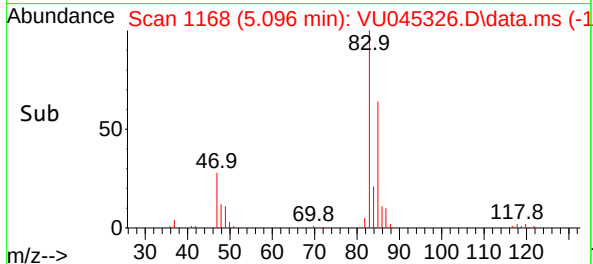
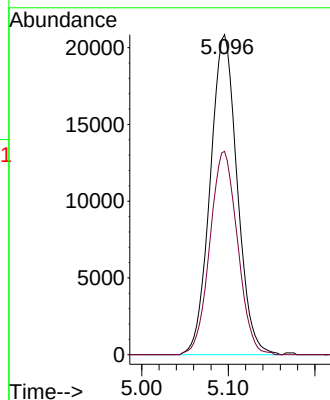
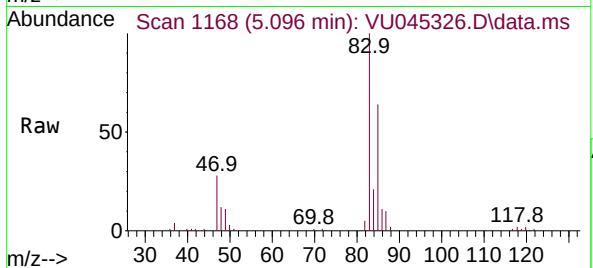
Acq: 19 Oct 2021 12:47

Tgt Ion: 83 Resp: 45142

Ion Ratio Lower Upper

83 100

85 63.6 45.4 84.2



#27

1,2-Dichloroethane

Concen: 8.696 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. -0.000 min

Lab File: VU045326.D

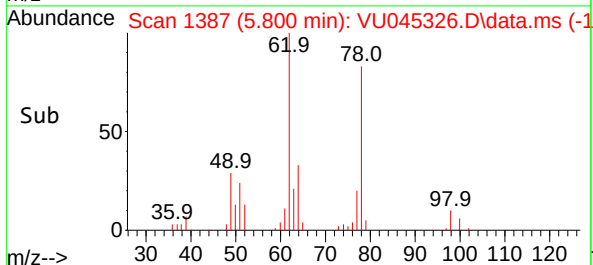
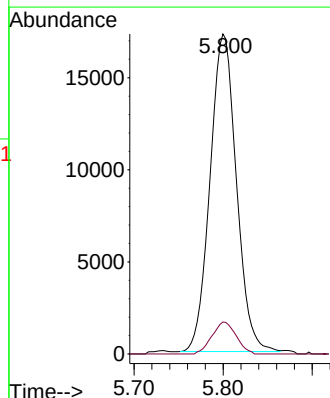
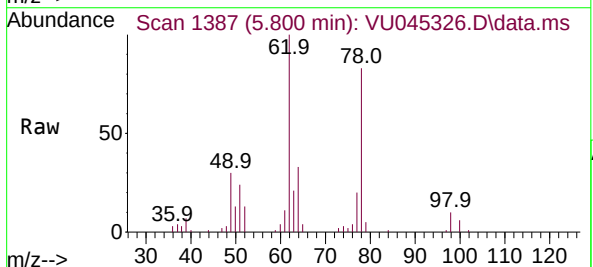
Acq: 19 Oct 2021 12:47

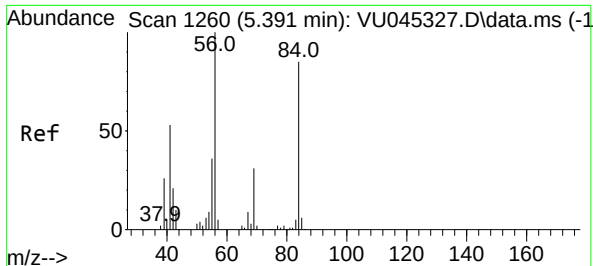
Tgt Ion: 62 Resp: 35459

Ion Ratio Lower Upper

62 100

98 10.0 7.4 11.2





#29

Cyclohexane

Concen: 8.241 ug/L

RT: 5.395 min Scan# 1261

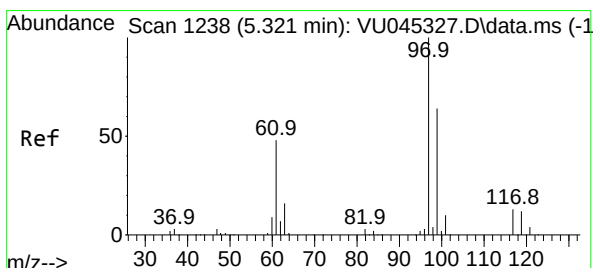
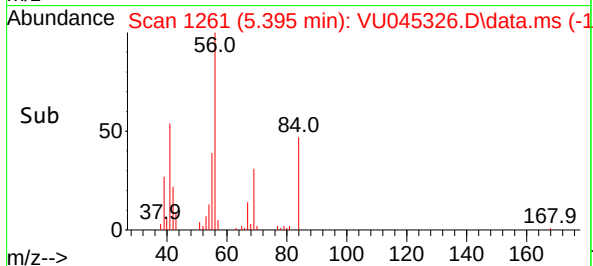
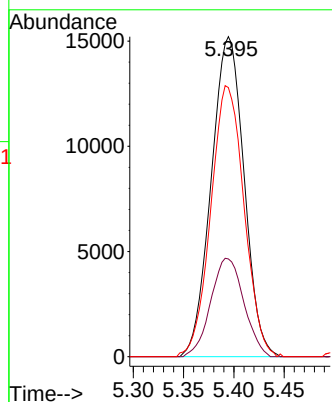
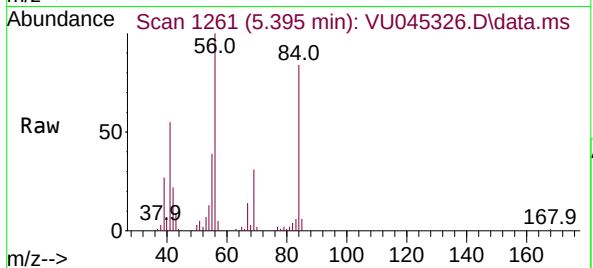
Delta R.T. 0.003 min

Lab File: VU045326.D

Acq: 19 Oct 2021 12:47

Tgt Ion:	56	Resp:	34525
Ion Ratio	Lower	Upper	
56	100		
69	31.0	24.8	37.2
84	85.7	70.3	105.5

Instrument :
MSVOA_U
ClientSampled :



#30

1,1,1-Trichloroethane

Concen: 8.867 ug/L

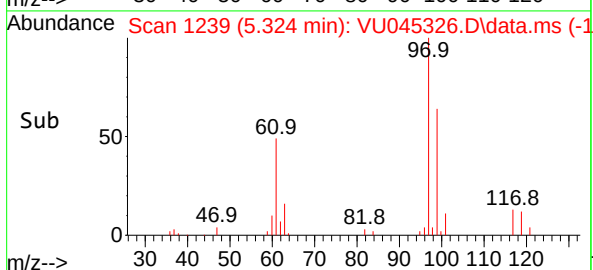
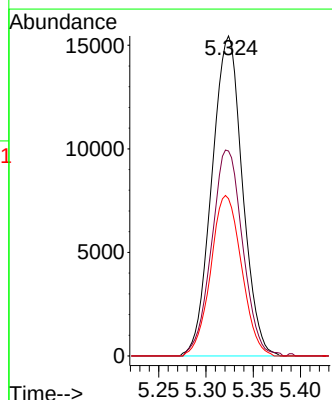
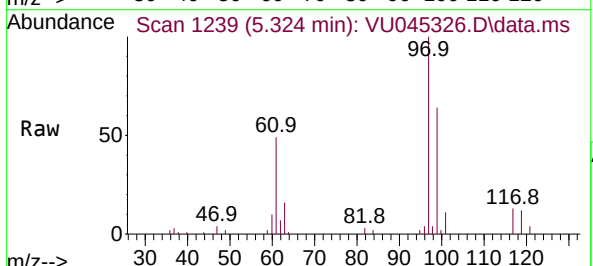
RT: 5.324 min Scan# 1239

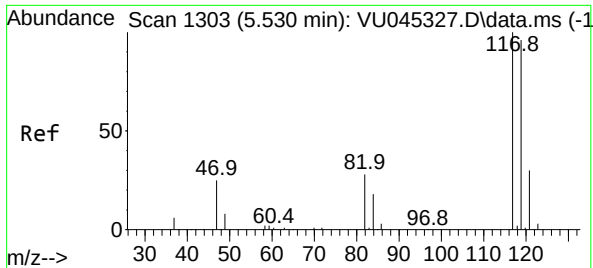
Delta R.T. 0.003 min

Lab File: VU045326.D

Acq: 19 Oct 2021 12:47

Tgt Ion:	97	Resp:	34769
Ion Ratio	Lower	Upper	
97	100		
99	65.6	51.5	77.3
61	50.5	39.2	58.8

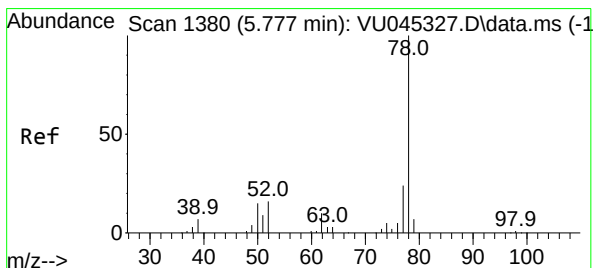
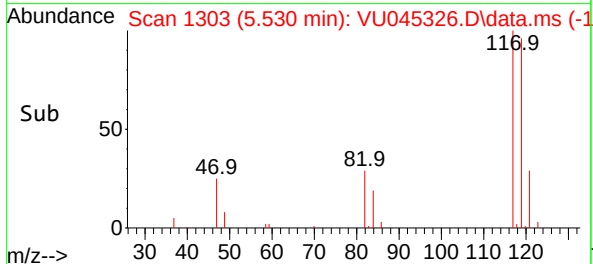
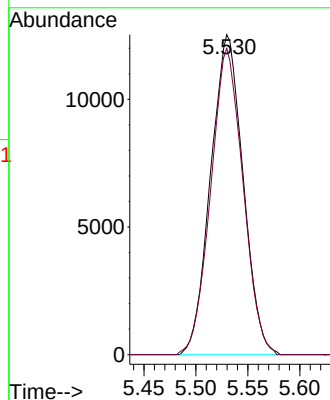
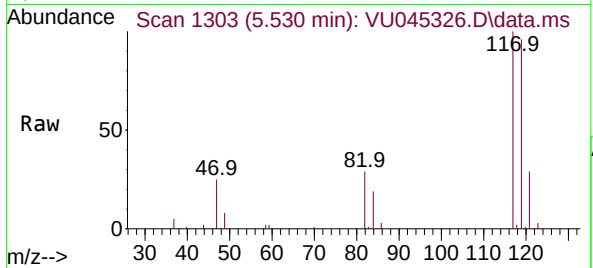




#31
Carbon tetrachloride
Concen: 8.775 ug/L
RT: 5.530 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VU045326.D
Acq: 19 Oct 2021 12:47

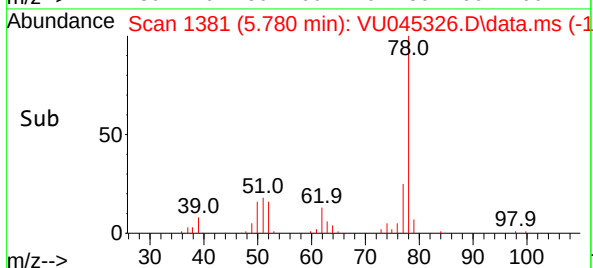
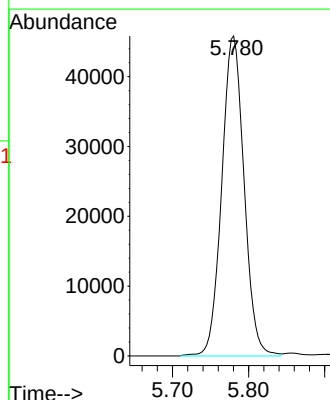
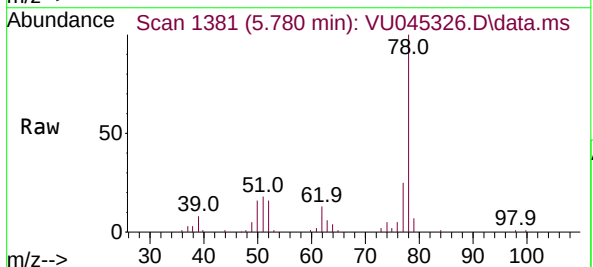
Instrument :
MSVOA_U
ClientSampled :

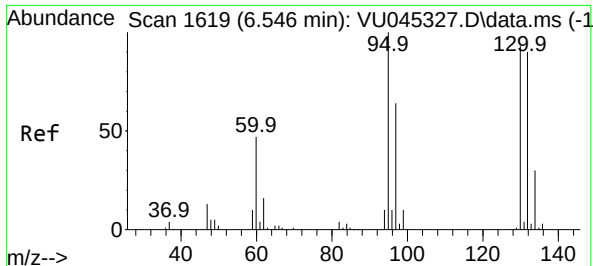
Tgt Ion:117 Resp: 27159
Ion Ratio Lower Upper
117 100
119 95.0 76.7 115.1



#33
Benzene
Concen: 8.890 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. 0.003 min
Lab File: VU045326.D
Acq: 19 Oct 2021 12:47

Tgt Ion: 78 Resp: 93309

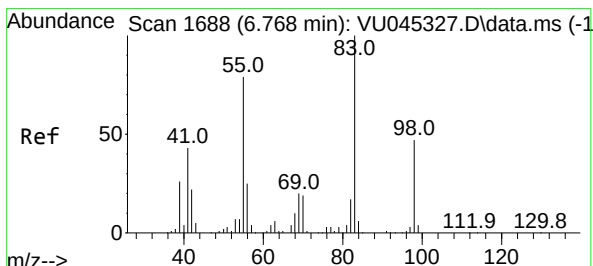
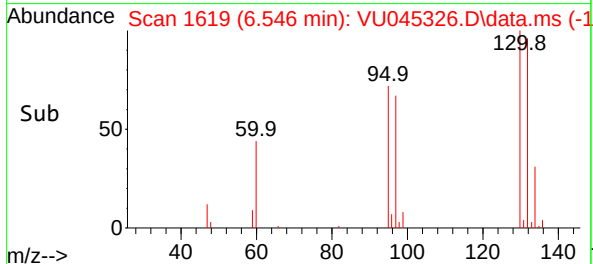
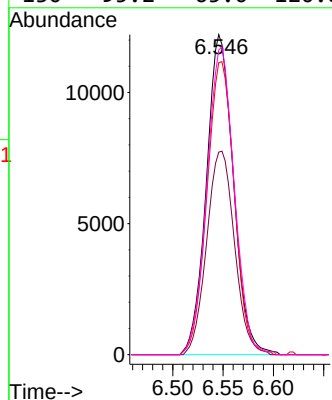
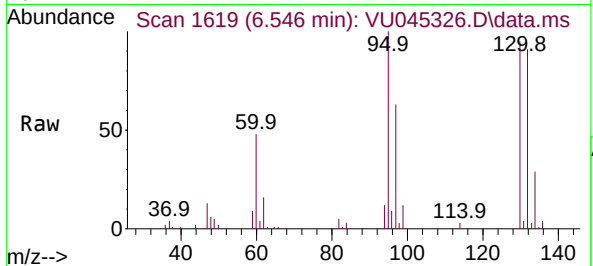




#34
Trichloroethene
Concen: 9.002 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU045326.D
Acq: 19 Oct 2021 12:47

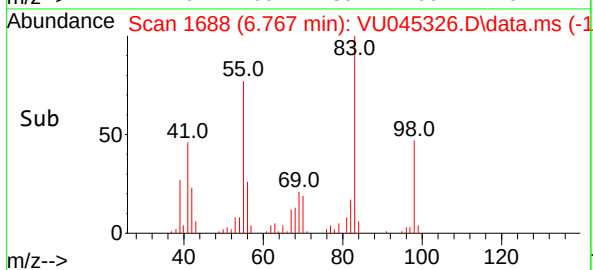
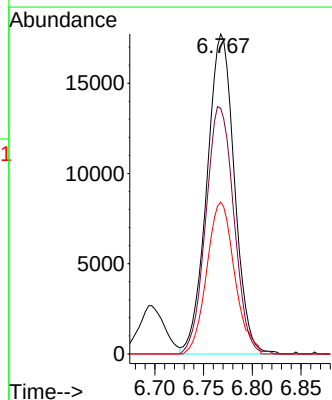
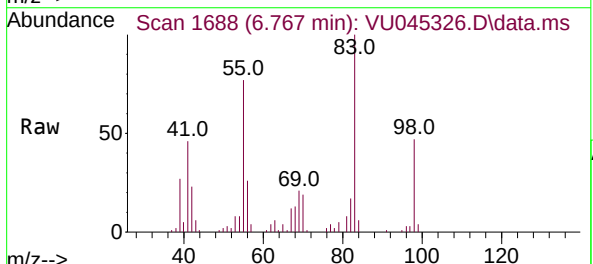
Instrument :
MSVOA_U
ClientSampled :

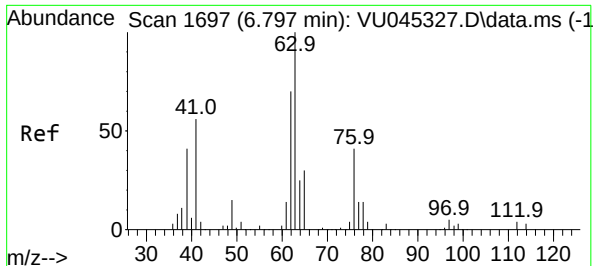
Tgt Ion: 95 Resp: 22849
Ion Ratio Lower Upper
95 100
97 63.3 44.9 83.3
132 91.3 63.0 117.0
130 95.2 65.0 120.8



#35
Methylcyclohexane
Concen: 8.354 ug/L
RT: 6.767 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VU045326.D
Acq: 19 Oct 2021 12:47

Tgt Ion: 83 Resp: 34826
Ion Ratio Lower Upper
83 100
55 78.5 63.4 95.0
98 47.9 37.9 56.9



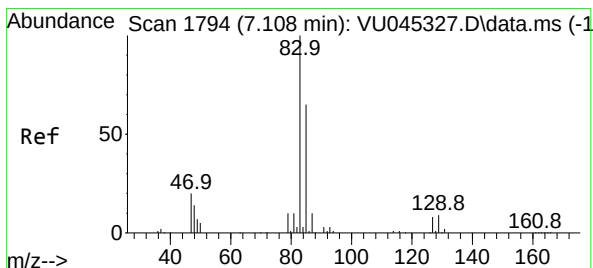
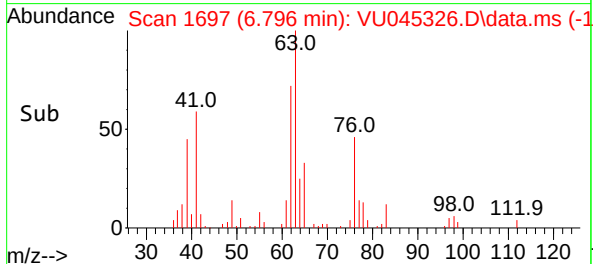
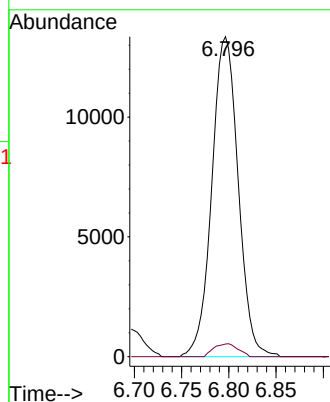
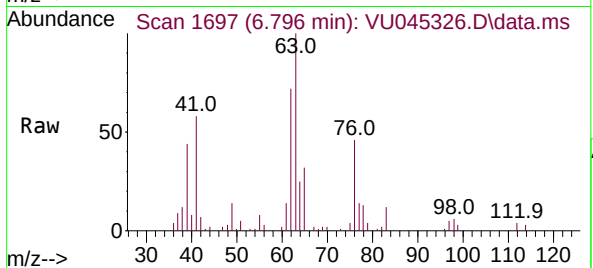


#37

1,2-Dichloropropane
Concen: 9.051 ug/L
RT: 6.796 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VU045326.D
Acq: 19 Oct 2021 12:47

Instrument :
MSVOA_U
ClientSampled :

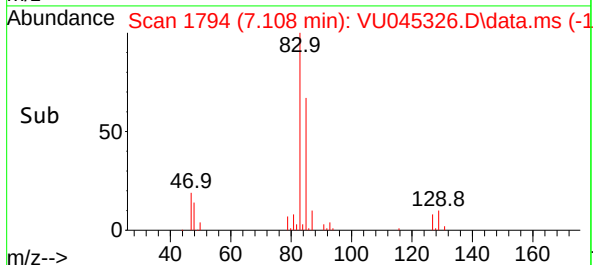
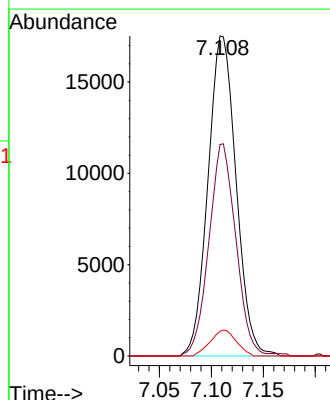
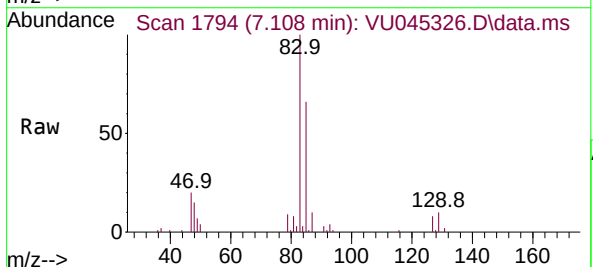
Tgt Ion: 63 Resp: 25917
Ion Ratio Lower Upper
63 100
112 3.7 3.3 4.9

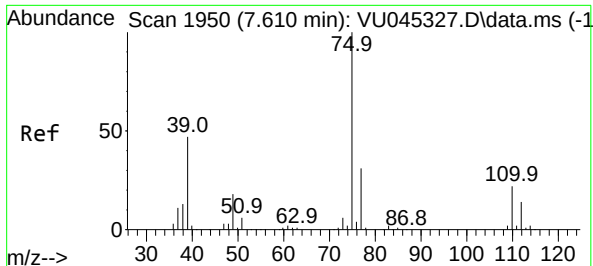


#38

Bromodichloromethane
Concen: 9.356 ug/L
RT: 7.108 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VU045326.D
Acq: 19 Oct 2021 12:47

Tgt Ion: 83 Resp: 33022
Ion Ratio Lower Upper
83 100
85 66.1 45.5 84.5
127 7.7 6.3 9.5



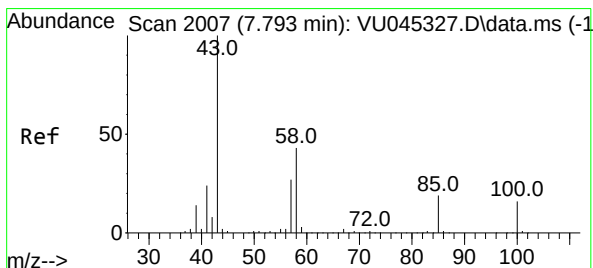
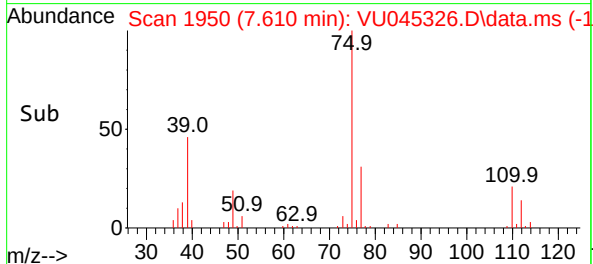
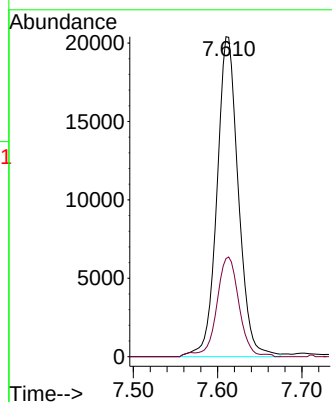
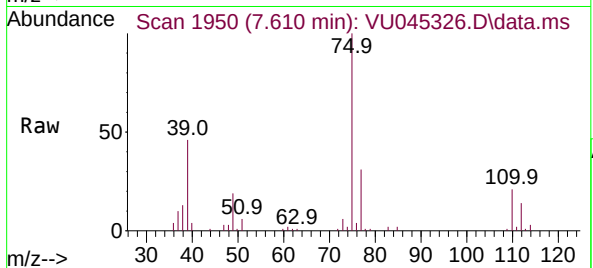


#39

cis-1,3-Dichloropropene
 Concen: 8.693 ug/L
 RT: 7.610 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: VU045326.D
 Acq: 19 Oct 2021 12:47

Instrument :
 MSVOA_U
 ClientSampled :

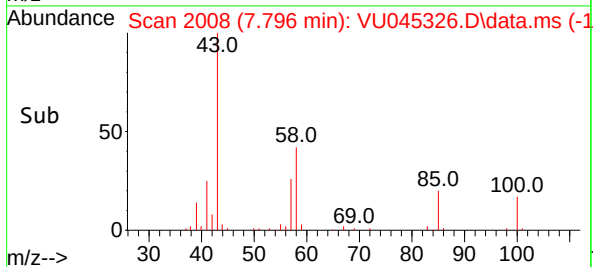
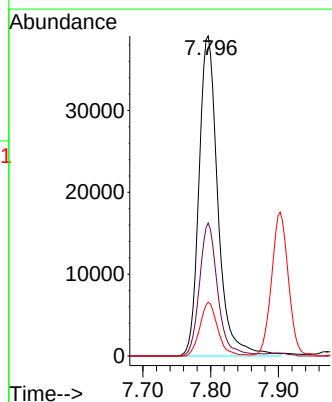
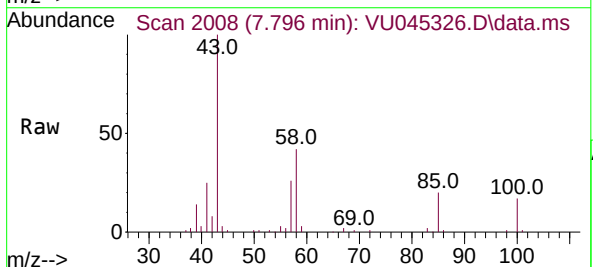
Tgt Ion: 75 Resp: 35895
 Ion Ratio Lower Upper
 75 100
 77 31.9 21.6 40.0

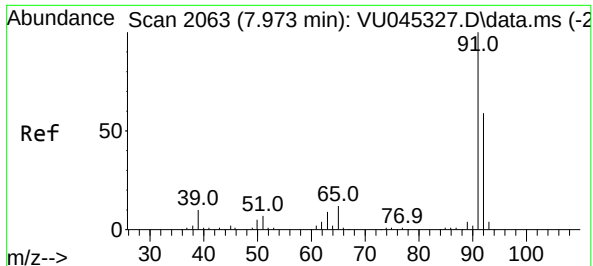


#40

4-Methyl-2-pentanone
 Concen: 16.030 ug/L
 RT: 7.796 min Scan# 2008
 Delta R.T. 0.003 min
 Lab File: VU045326.D
 Acq: 19 Oct 2021 12:47

Tgt Ion: 43 Resp: 75735
 Ion Ratio Lower Upper
 43 100
 58 40.0 33.7 50.5
 100 15.7 13.0 19.4

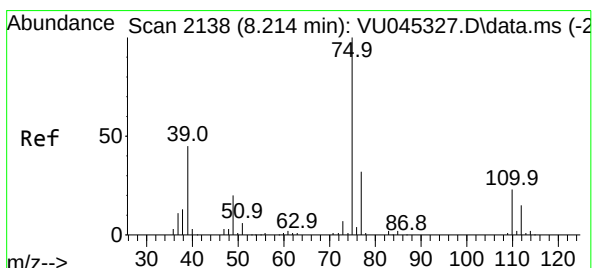
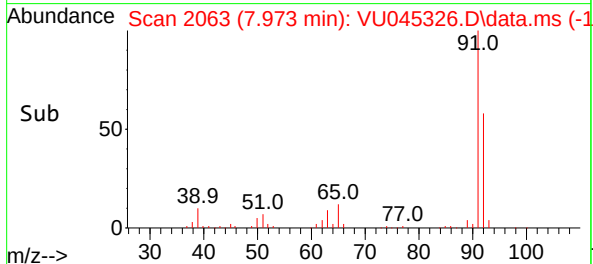
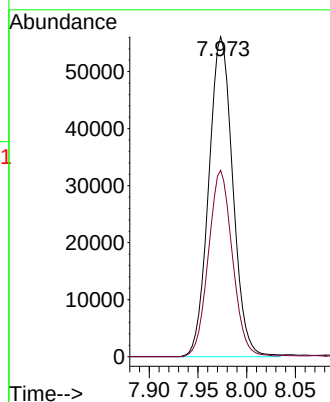
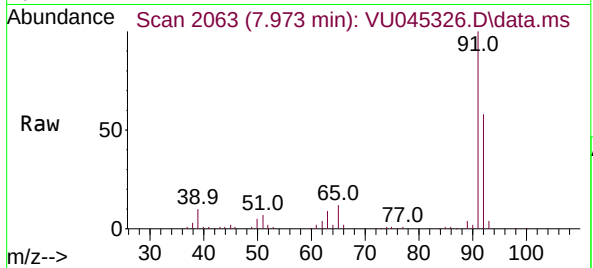




#42
Toluene
Concen: 9.046 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU045326.D
Acq: 19 Oct 2021 12:47

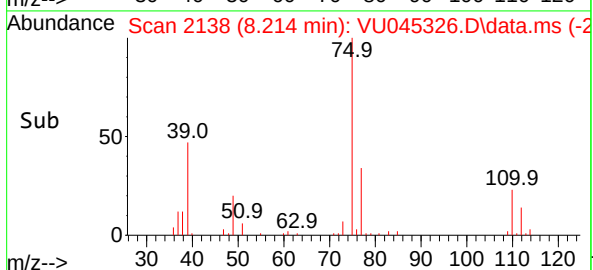
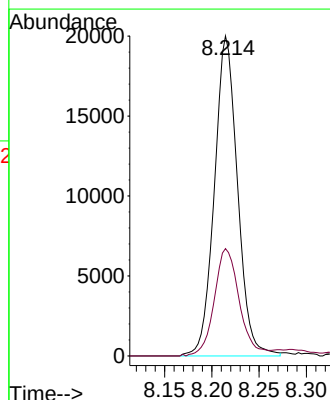
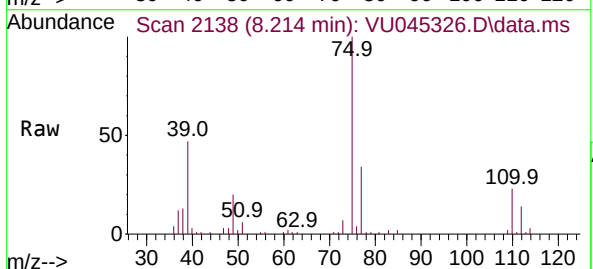
Instrument :
MSVOA_U
ClientSampled :

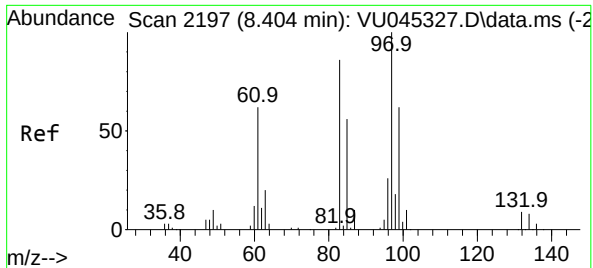
Tgt Ion: 91 Resp: 96610
Ion Ratio Lower Upper
91 100
92 58.3 41.2 76.6



#44
trans-1,3-Dichloropropene
Concen: 8.670 ug/L
RT: 8.214 min Scan# 2138
Delta R.T. -0.000 min
Lab File: VU045326.D
Acq: 19 Oct 2021 12:47

Tgt Ion: 75 Resp: 34078
Ion Ratio Lower Upper
75 100
77 33.5 22.5 41.9

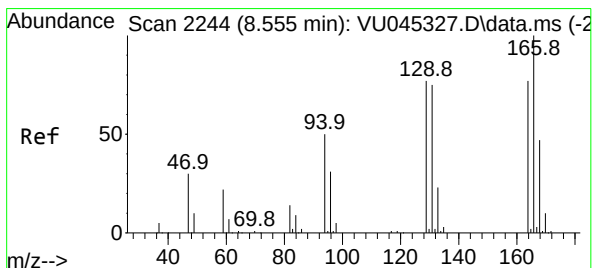
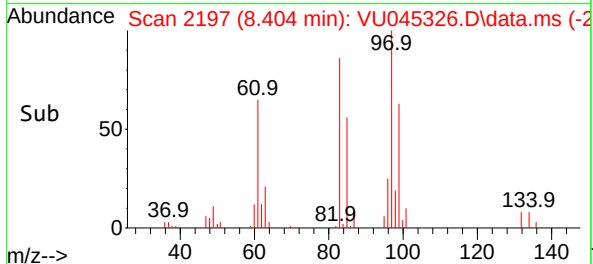
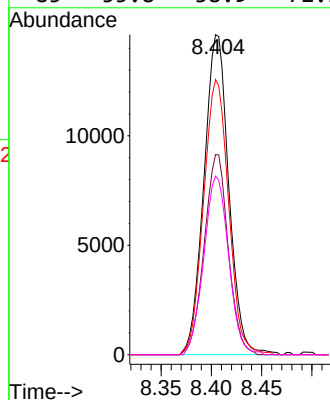
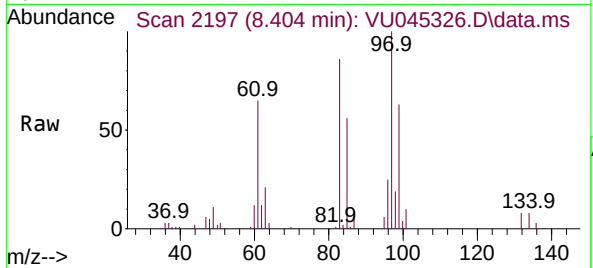




#45
1,1,2-Trichloroethane
Concen: 9.596 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. -0.000 min
Lab File: VU045326.D
Acq: 19 Oct 2021 12:47

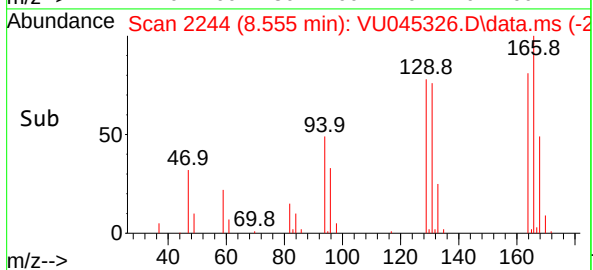
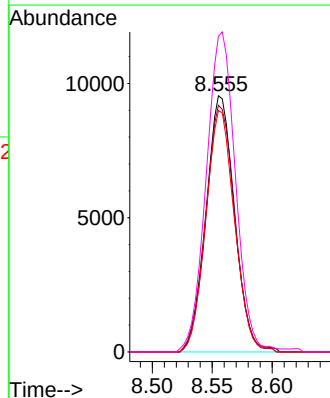
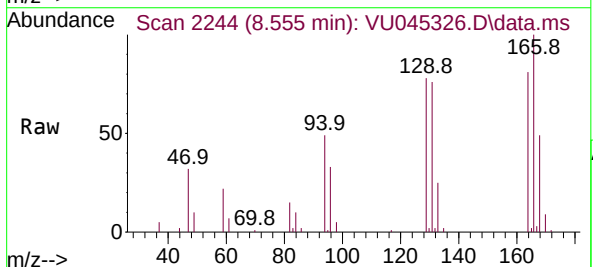
Instrument :
MSVOA_U
ClientSampled :

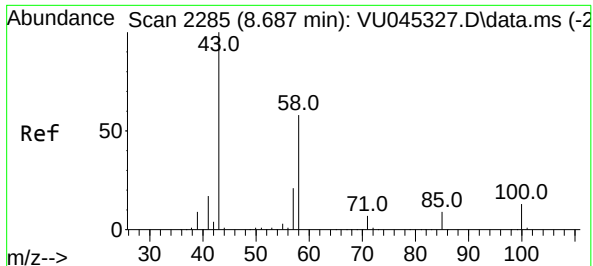
Tgt Ion:	97	Resp:	25178
Ion	Ratio	Lower	Upper
97	100		
99	62.5	43.0	80.0
83	85.9	60.1	111.5
85	55.8	38.9	72.3



#46
Tetrachloroethene
Concen: 8.766 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU045326.D
Acq: 19 Oct 2021 12:47

Tgt Ion:	164	Resp:	15802
Ion	Ratio	Lower	Upper
164	100		
129	96.3	69.6	129.2
131	94.2	67.5	125.4
166	123.3	90.4	167.8

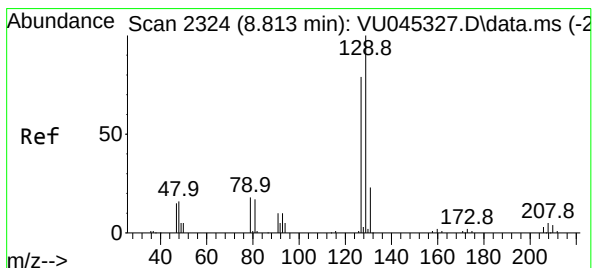
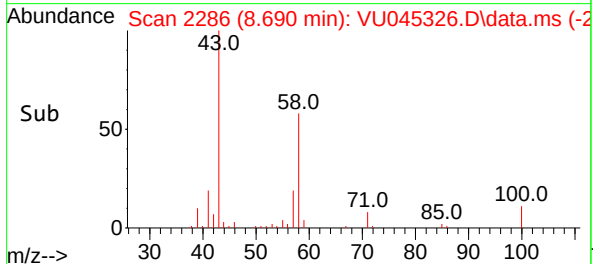
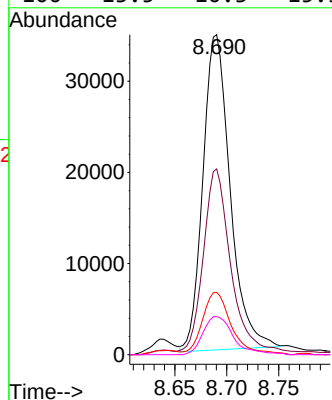
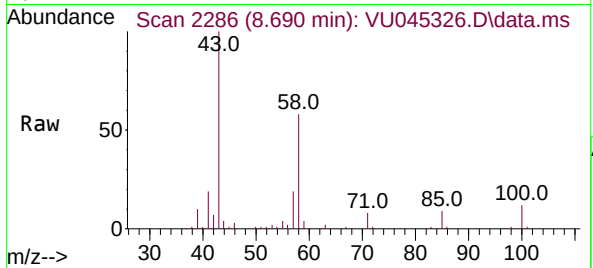




#48
2-Hexanone
Concen: 15.173 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. 0.003 min
Lab File: VU045326.D
Acq: 19 Oct 2021 12:47

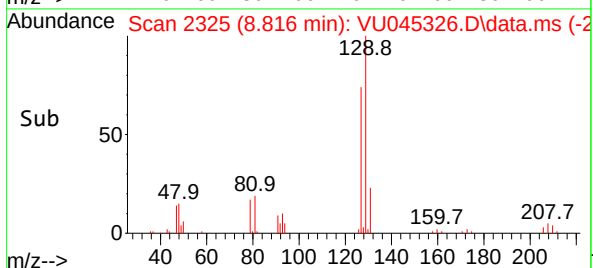
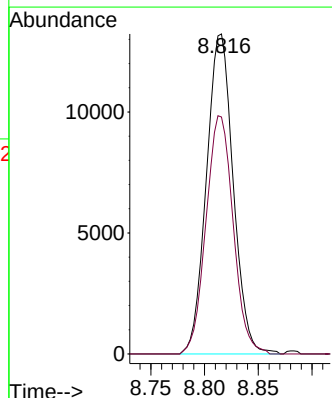
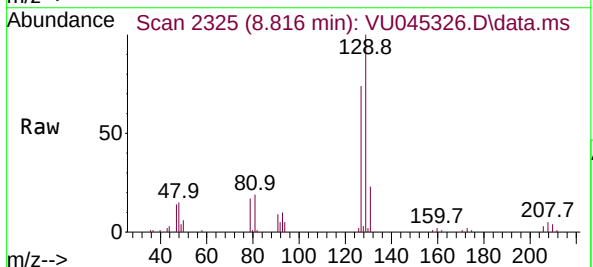
Instrument :
MSVOA_U
ClientSampleId :

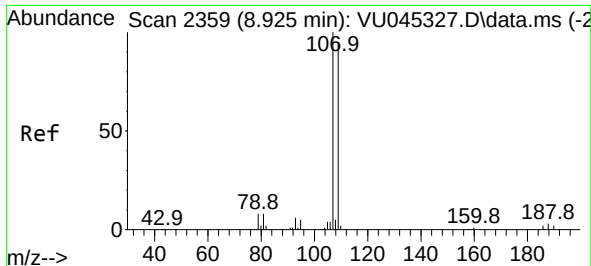
Tgt Ion:	43	Resp:	63147
Ion	Ratio	Lower	Upper
43	100		
58	58.6	45.4	68.0
57	21.1	16.0	24.0
100	13.5	10.3	15.5



#49
Dibromochloromethane
Concen: 8.847 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. 0.003 min
Lab File: VU045326.D
Acq: 19 Oct 2021 12:47

Tgt Ion:	129	Resp:	22909
Ion	Ratio	Lower	Upper
129	100		
127	74.1	55.3	102.7





#50

1,2-Dibromoethane

Concen: 9.100 ug/L

RT: 8.928 min Scan# 2360

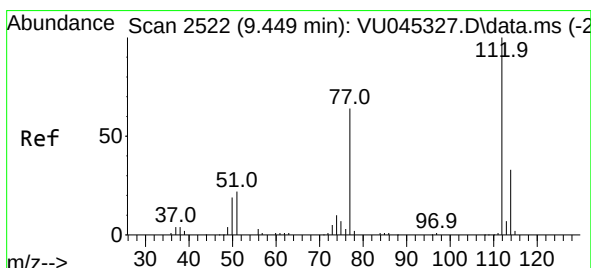
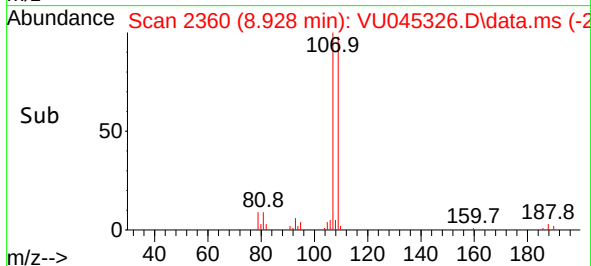
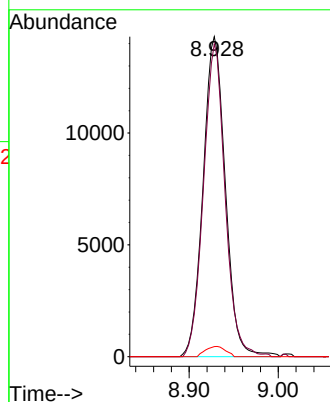
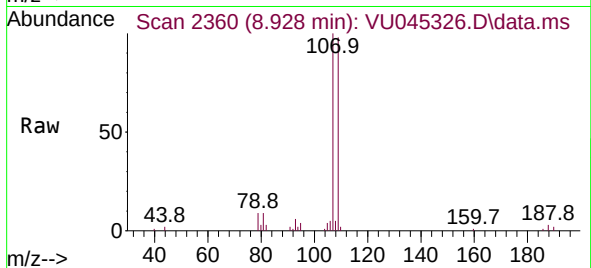
Delta R.T. 0.003 min

Lab File: VU045326.D

Acq: 19 Oct 2021 12:47

Tgt Ion:	107	Resp:	24910
Ion	Ratio	Lower	Upper
107	100		
109	97.7	66.6	123.6
188	3.1	2.6	4.0

Instrument :
MSVOA_U
ClientSampled :



#51

Chlorobenzene

Concen: 9.229 ug/L

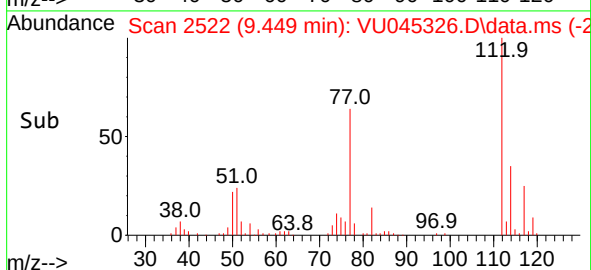
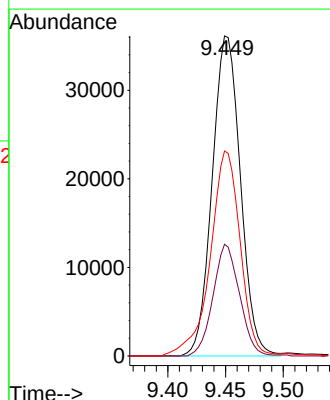
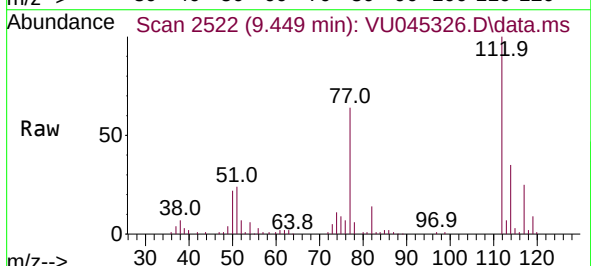
RT: 9.449 min Scan# 2522

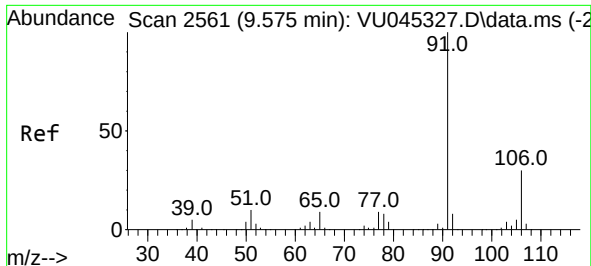
Delta R.T. -0.000 min

Lab File: VU045326.D

Acq: 19 Oct 2021 12:47

Tgt Ion:	112	Resp:	61526
Ion	Ratio	Lower	Upper
112	100		
114	34.9	22.8	42.4
77	64.1	51.3	76.9





#52

Ethylbenzene

Concen: 8.962 ug/L

RT: 9.574 min Scan# 2561

Delta R.T. -0.000 min

Lab File: VU045326.D

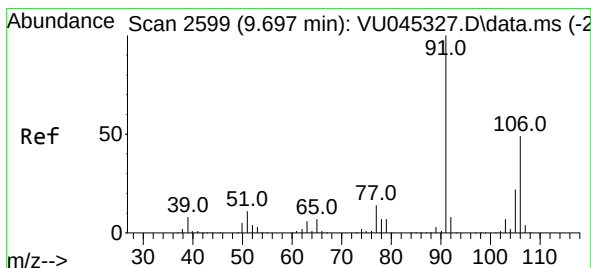
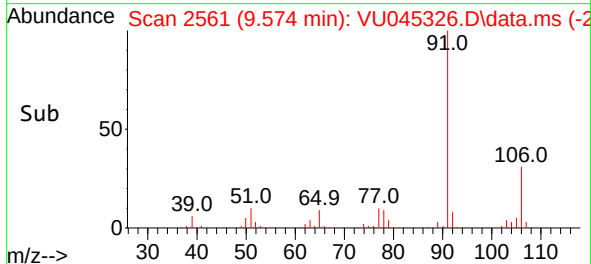
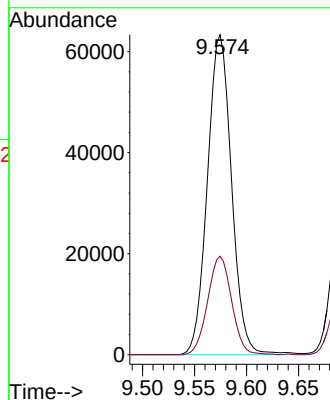
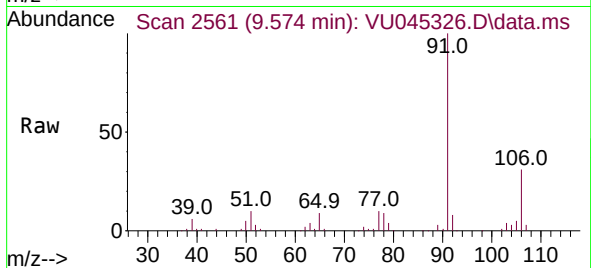
Acq: 19 Oct 2021 12:47

Tgt Ion: 91 Resp: 101976

Ion Ratio Lower Upper

91 100

106 30.7 21.1 39.3



#53

m,p-Xylene

Concen: 8.876 ug/L

RT: 9.697 min Scan# 2599

Delta R.T. -0.000 min

Lab File: VU045326.D

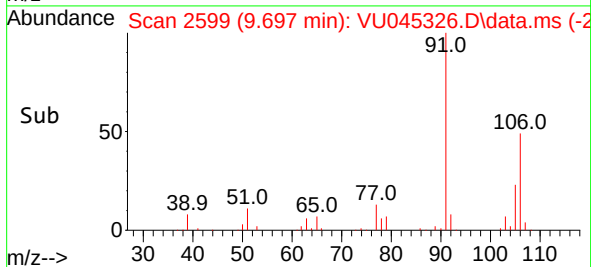
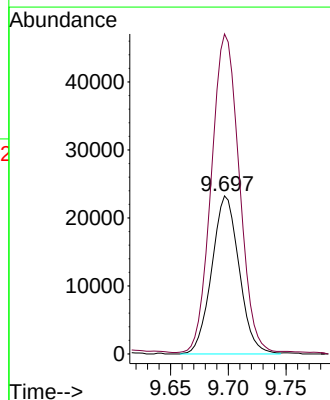
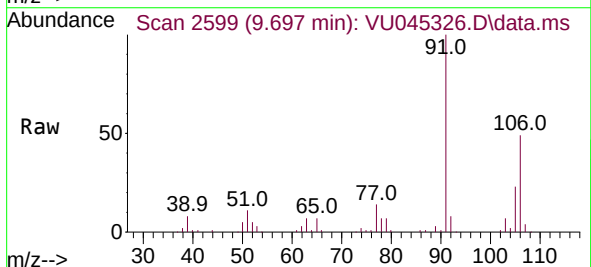
Acq: 19 Oct 2021 12:47

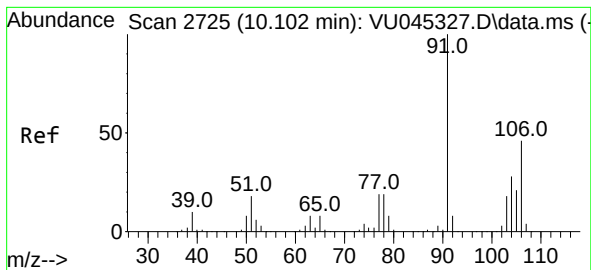
Tgt Ion: 106 Resp: 38280

Ion Ratio Lower Upper

106 100

91 202.3 144.4 268.2





#54

o-xylene

Concen: 9.098 ug/L

RT: 10.105 min Scan# 2726

Delta R.T. 0.003 min

Lab File: VU045326.D

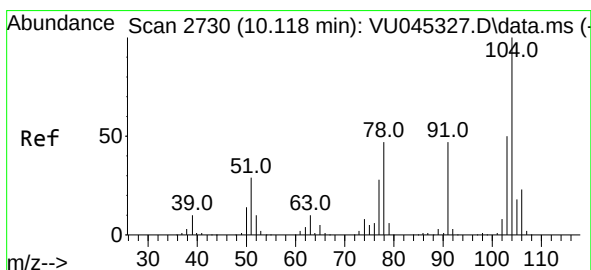
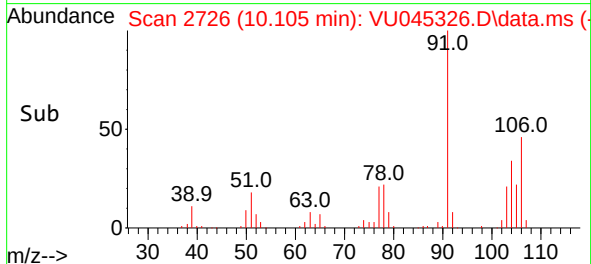
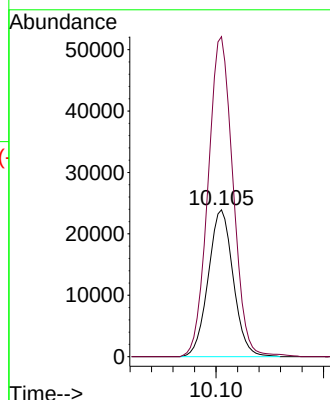
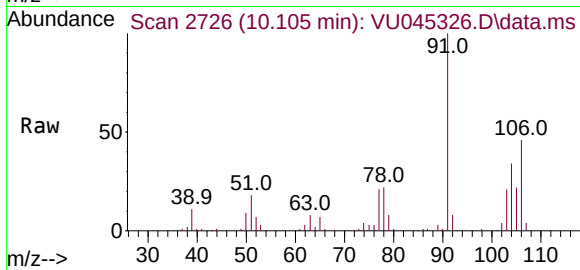
Acq: 19 Oct 2021 12:47

Tgt Ion:106 Resp: 38624

Ion Ratio Lower Upper

106 100

91 217.9 151.1 280.5



#55

Styrene

Concen: 8.742 ug/L

RT: 10.118 min Scan# 2730

Delta R.T. -0.000 min

Lab File: VU045326.D

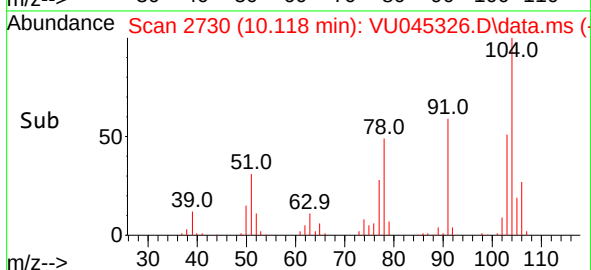
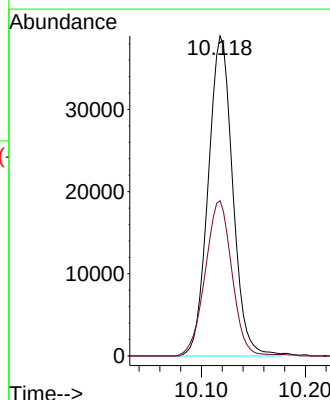
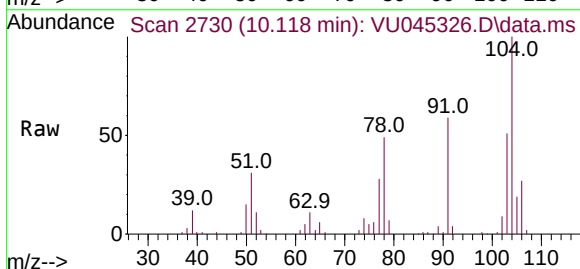
Acq: 19 Oct 2021 12:47

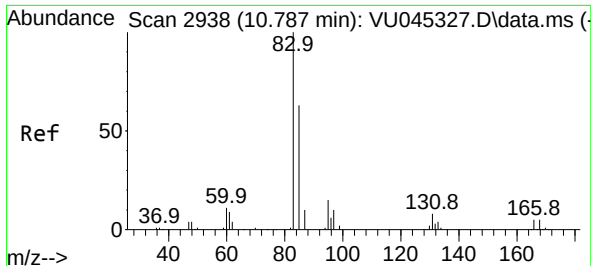
Tgt Ion:104 Resp: 63792

Ion Ratio Lower Upper

104 100

78 48.5 32.7 60.7

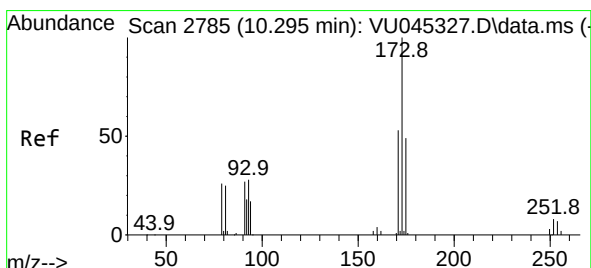
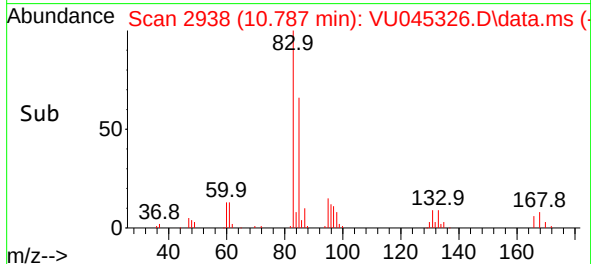
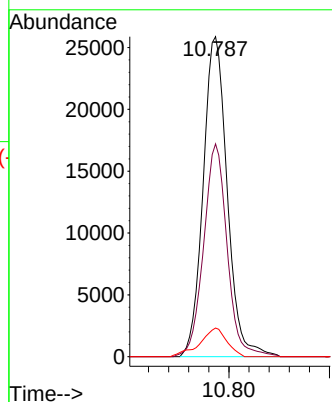
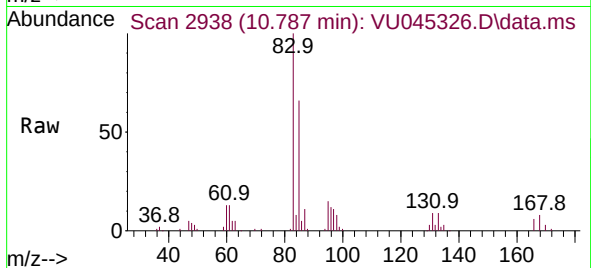




#57
1,1,2,2-Tetrachloroethane
Concen: 8.615 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. -0.000 min
Lab File: VU045326.D
Acq: 19 Oct 2021 12:47

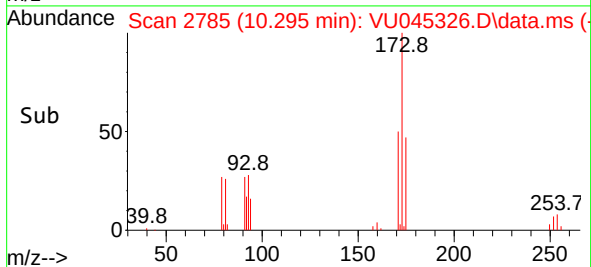
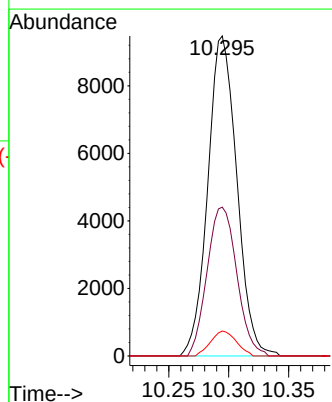
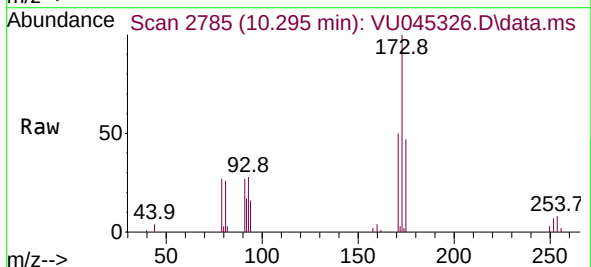
Instrument :
MSVOA_U
ClientSampled :

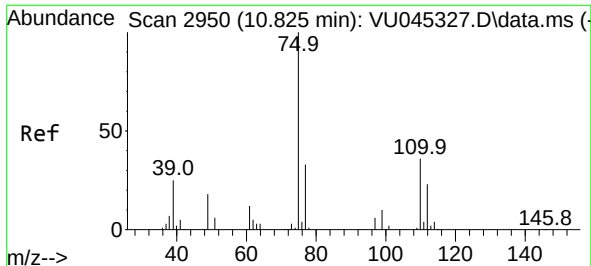
Tgt Ion: 83 Resp: 43060
Ion Ratio Lower Upper
83 100
85 66.5 44.4 82.5
131 8.9 6.8 10.2



#59
Bromoform
Concen: 9.127 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. -0.000 min
Lab File: VU045326.D
Acq: 19 Oct 2021 12:47

Tgt Ion:173 Resp: 15935
Ion Ratio Lower Upper
173 100
175 47.6 39.3 58.9
254 6.9 5.8 8.6

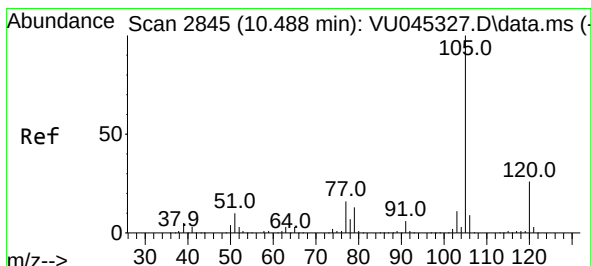
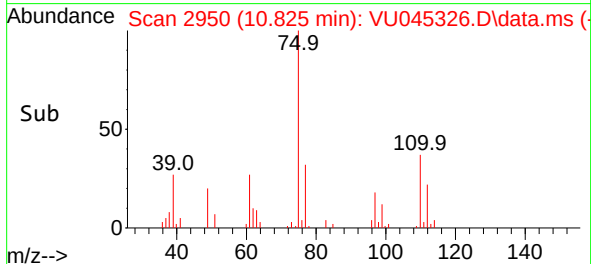
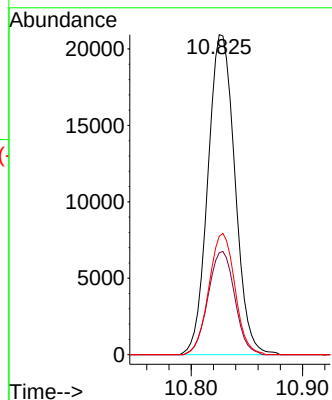
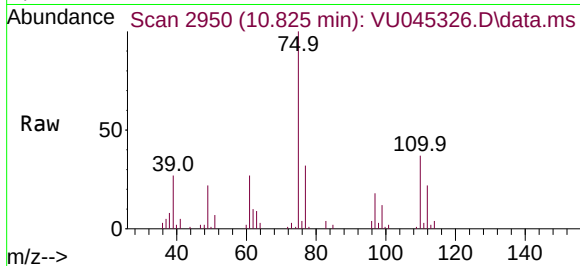




#60
1,2,3-Trichloropropane
Concen: 9.113 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU045326.D
Acq: 19 Oct 2021 12:47

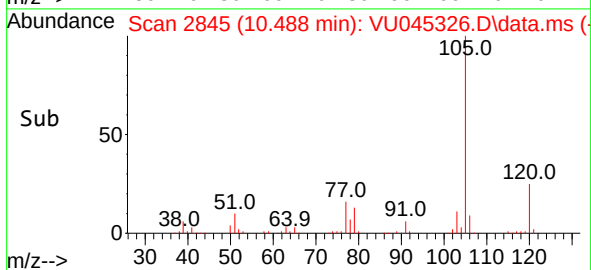
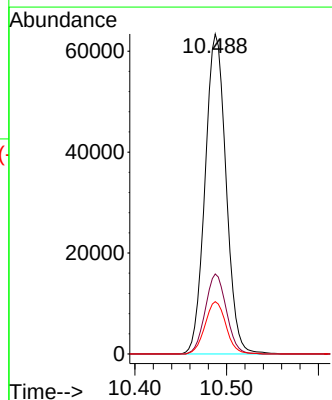
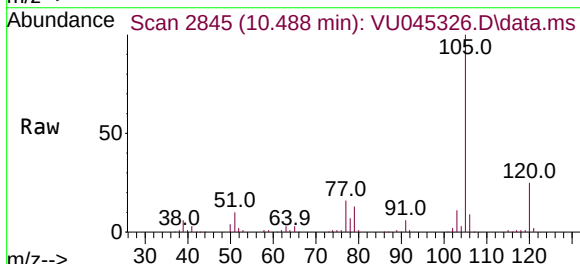
Instrument :
MSVOA_U
ClientSampleId :

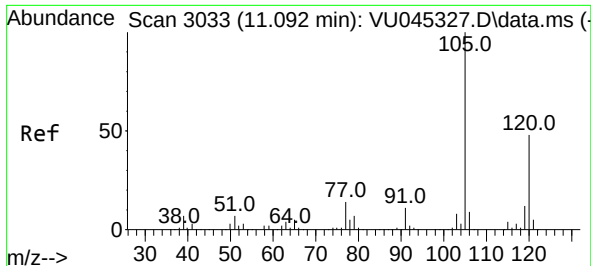
Tgt Ion:	75	Resp:	35287
Ion	Ratio	Lower	Upper
75	100		
77	31.9	26.0	39.0
110	36.6	28.8	43.2



#61
Isopropylbenzene
Concen: 9.745 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. -0.000 min
Lab File: VU045326.D
Acq: 19 Oct 2021 12:47

Tgt Ion:	105	Resp:	100624
Ion	Ratio	Lower	Upper
105	100		
120	25.2	20.5	30.7
77	16.4	13.2	19.8

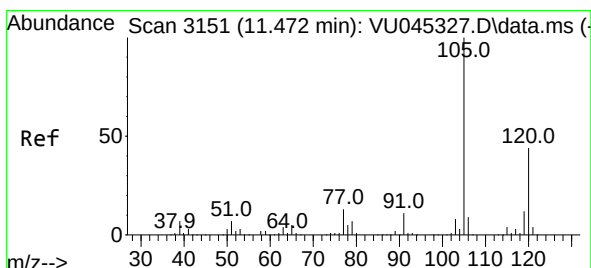
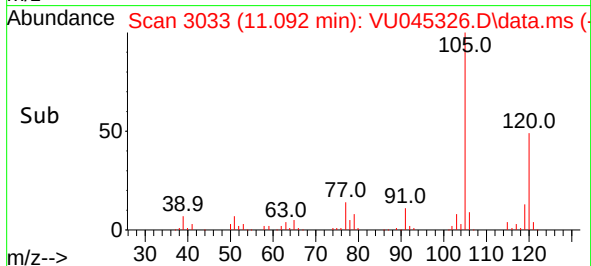
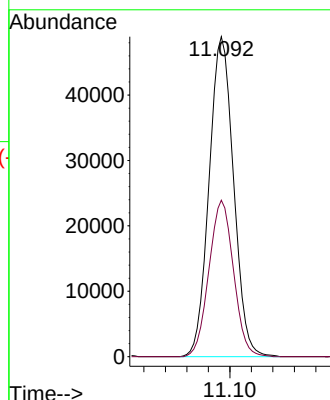
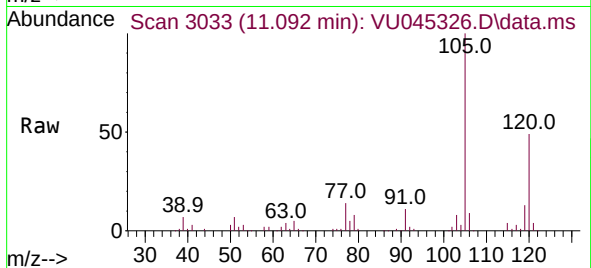




#62
1,3,5-Trimethylbenzene
Concen: 8.959 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. -0.000 min
Lab File: VU045326.D
Acq: 19 Oct 2021 12:47

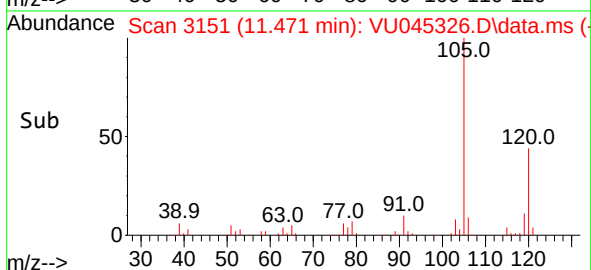
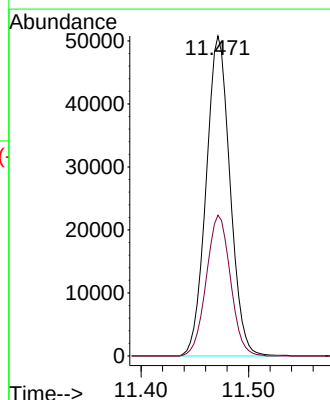
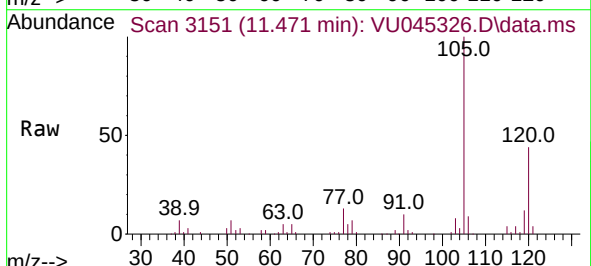
Instrument :
MSVOA_U
ClientSampleId :

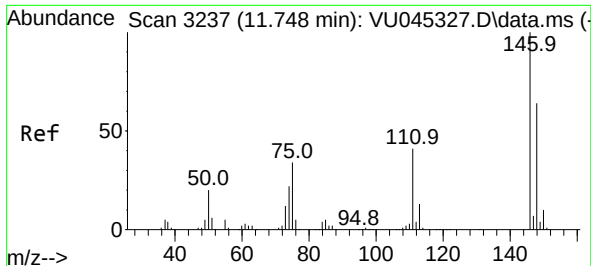
Tgt Ion:105 Resp: 77348
Ion Ratio Lower Upper
105 100
120 49.0 38.2 57.2



#63
1,2,4-Trimethylbenzene
Concen: 8.899 ug/L
RT: 11.471 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VU045326.D
Acq: 19 Oct 2021 12:47

Tgt Ion:105 Resp: 78488
Ion Ratio Lower Upper
105 100
120 44.4 35.5 53.3

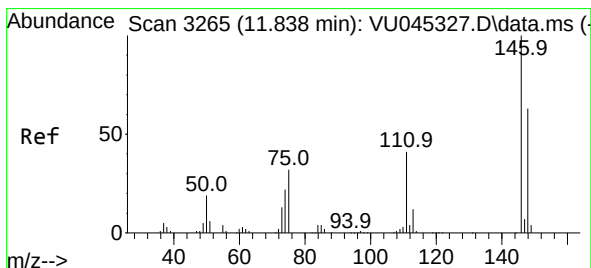
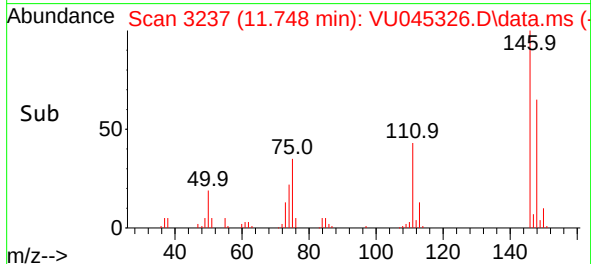
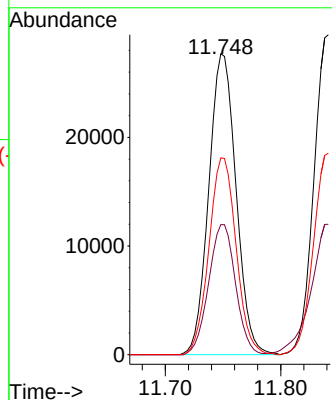
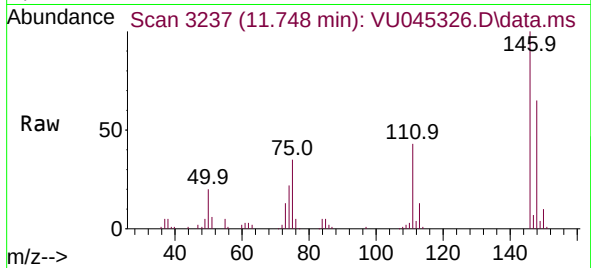




#64
1,3-Dichlorobenzene
Concen: 9.467 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. -0.000 min
Lab File: VU045326.D
Acq: 19 Oct 2021 12:47

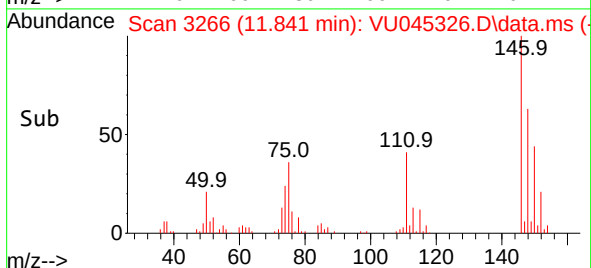
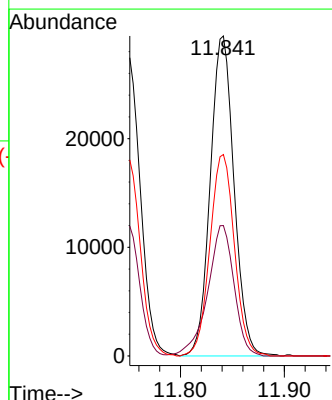
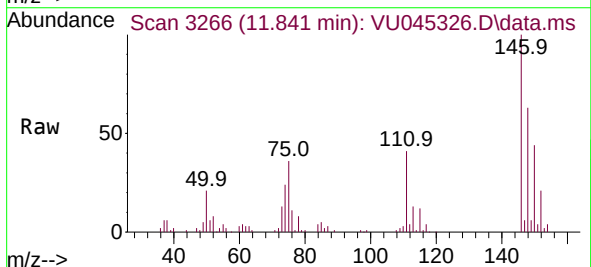
Instrument :
MSVOA_U
ClientSampled :

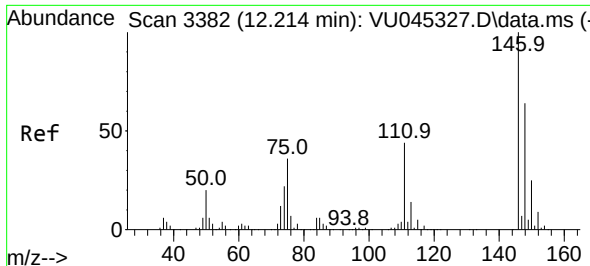
Tgt Ion:146 Resp: 45469
Ion Ratio Lower Upper
146 100
111 43.2 29.0 53.9
148 65.4 45.0 83.6



#65
1,4-Dichlorobenzene
Concen: 9.518 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. 0.003 min
Lab File: VU045326.D
Acq: 19 Oct 2021 12:47

Tgt Ion:146 Resp: 46820
Ion Ratio Lower Upper
146 100
111 40.8 28.6 53.2
148 63.0 44.2 82.0

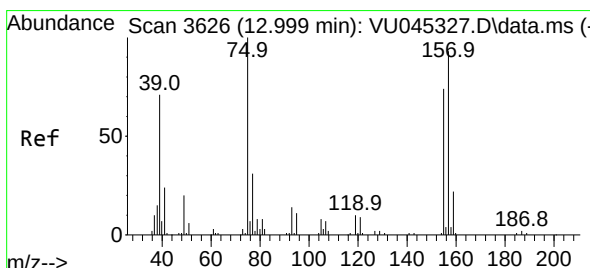
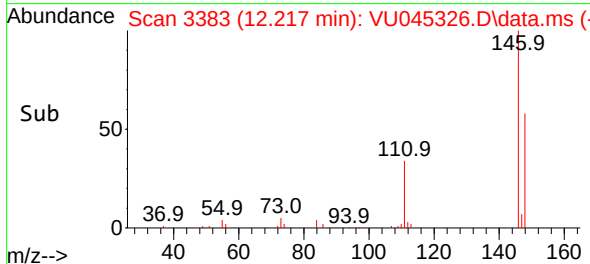
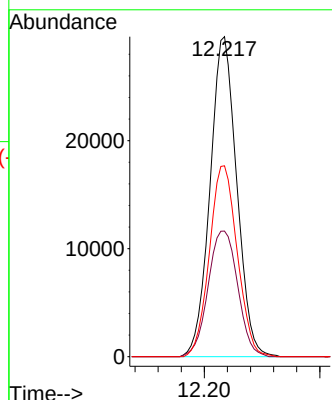
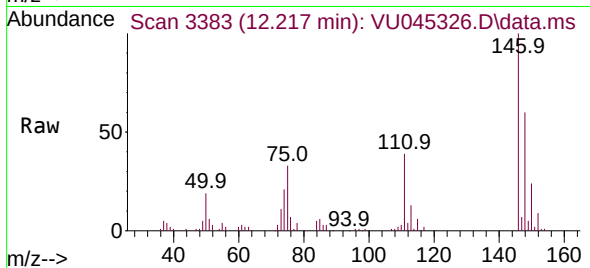




#67
1,2-Dichlorobenzene
Concen: 9.686 ug/L
RT: 12.217 min Scan# 3383
Delta R.T. 0.003 min
Lab File: VU045326.D
Acq: 19 Oct 2021 12:47

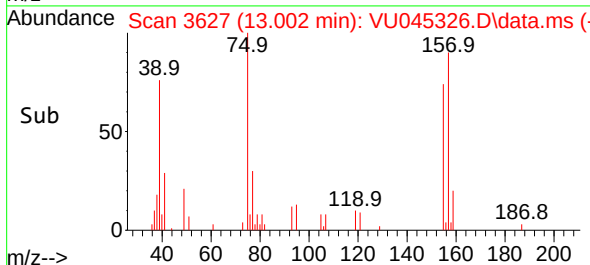
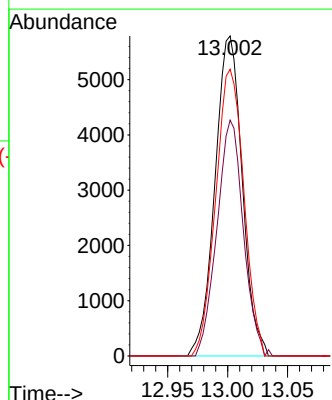
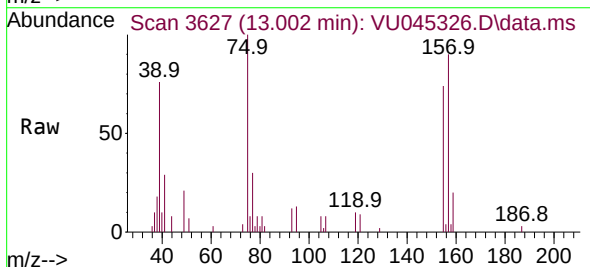
Instrument :
MSVOA_U
ClientSampled :

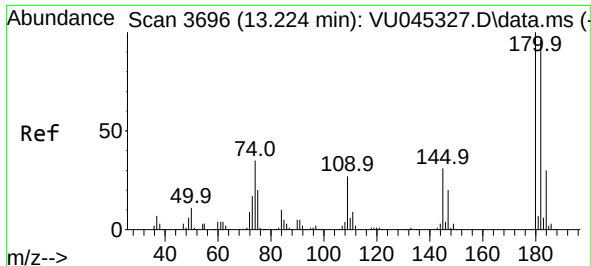
Tgt Ion:146 Resp: 47512
Ion Ratio Lower Upper
146 100
111 39.3 35.2 52.8
148 59.7 50.8 76.2



#68
1,2-Dibromo-3-chloropropane
Concen: 8.311 ug/L
RT: 13.002 min Scan# 3627
Delta R.T. 0.003 min
Lab File: VU045326.D
Acq: 19 Oct 2021 12:47

Tgt Ion: 75 Resp: 9140
Ion Ratio Lower Upper
75 100
155 77.8 61.9 92.9
157 89.6 74.1 111.1

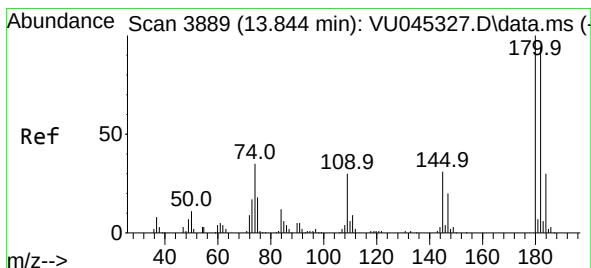
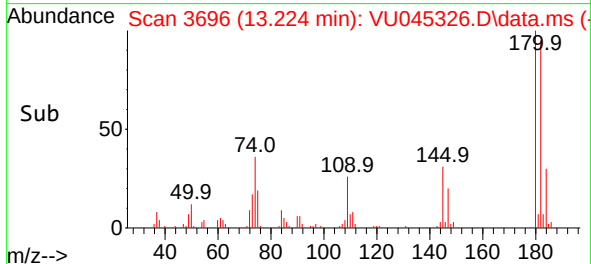
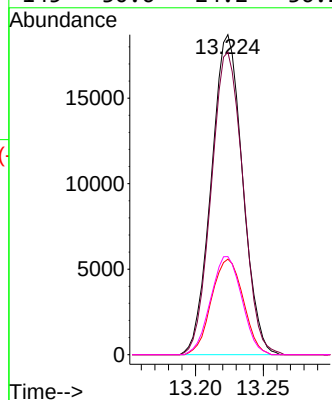
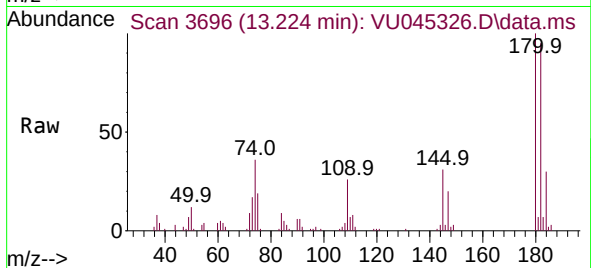




#69
1,3,5-Trichlorobenzene
Concen: 9.065 ug/L
RT: 13.224 min Scan# 3696
Delta R.T. -0.000 min
Lab File: VU045326.D
Acq: 19 Oct 2021 12:47

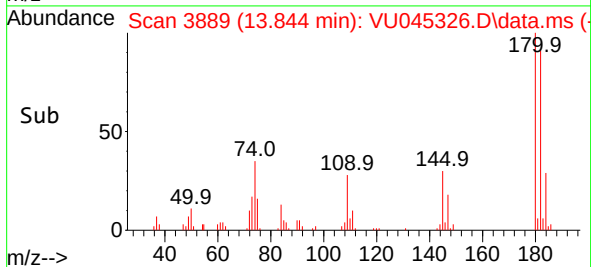
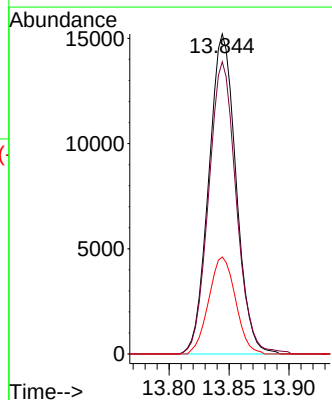
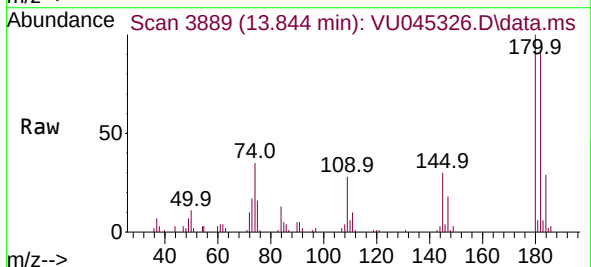
Instrument :
MSVOA_U
ClientSampleId :

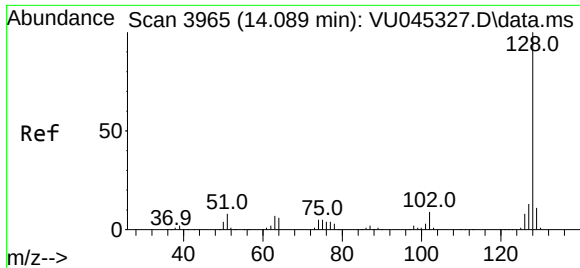
Tgt Ion:	180	Resp:	30059
Ion Ratio	Lower	Upper	
180	100		
182	95.4	76.0	114.0
184	30.2	23.8	35.8
145	30.6	24.2	36.2



#70
1,2,4-trichlorobenzene
Concen: 8.759 ug/L
RT: 13.844 min Scan# 3889
Delta R.T. -0.000 min
Lab File: VU045326.D
Acq: 19 Oct 2021 12:47

Tgt Ion:	180	Resp:	24055
Ion Ratio	Lower	Upper	
180	100		
182	92.2	75.7	113.5
145	29.8	25.1	37.7

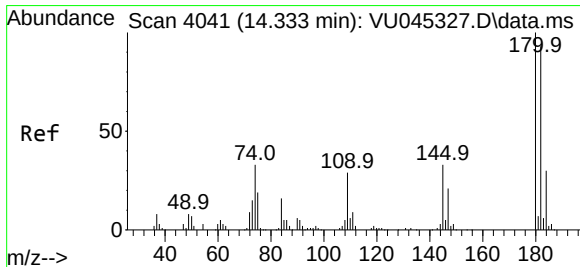
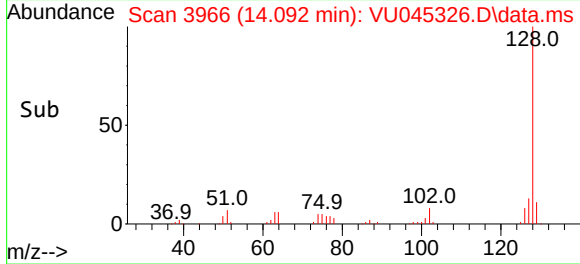
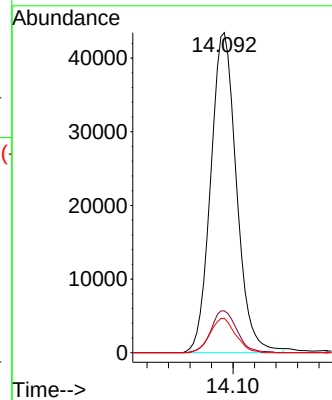
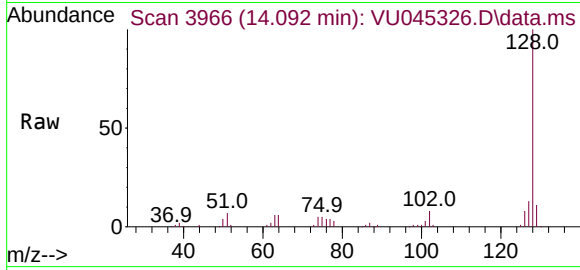




#71
Naphthalene
Concen: 7.695 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU045326.D
Acq: 19 Oct 2021 12:47

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:	128	Resp:	72497
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.6	15.8
129	10.5	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 8.678 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. -0.000 min
Lab File: VU045326.D
Acq: 19 Oct 2021 12:47

Tgt Ion:	180	Resp:	24256
Ion Ratio	Lower	Upper	
180	100		
182	92.3	75.0	112.4
145	34.1	26.4	39.6

