

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101921\
 Data File : VU045329.D
 Acq On : 19 Oct 2021 14:12
 Operator : SY/MD
 Sample : VSTD20023
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 20 02:48:46 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	315663	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	313270	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	163845	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	267277	87.369	ug/L	0.00
7) Chloroethane-d5	1.900	69	255132	103.850	ug/L	-0.01
11) 1,1-Dichloroethene-d2	2.572	63	546598	105.249	ug/L	0.00
21) 2-Butanone-d5	4.626	46	849357	325.251	ug/L	0.00
24) Chloroform-d	5.067	84	735889	143.930	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.706	65	482077	138.961	ug/L	0.00
32) Benzene-d6	5.732	84	1169209	118.648	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.697	67	459781	139.688	ug/L	0.00
41) Toluene-d8	7.903	98	1018737	120.375	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	254138	170.427	ug/L	0.00
47) 2-Hexanone-d5	8.636	63	665487	356.223	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.761	84	896340	168.753	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.198	152	581189	169.895	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	436881	151.666	ug/L	99
3) Chloromethane	1.523	50	473873	133.649	ug/L	99
5) Vinyl chloride	1.604	62	543495	153.831	ug/L	98
6) Bromomethane	1.835	94	297161	170.671	ug/L	98
8) Chloroethane	1.922	64	345535	155.731	ug/L	100
9) Trichlorofluoromethane	2.134	101	662530	163.044	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	426578	165.461	ug/L	100
12) 1,1-Dichloroethene	2.578	96	402443	170.836	ug/L	98
13) Acetone	2.629	43	822495	276.863	ug/L	99
14) Carbon disulfide	2.793	76	1096894	148.319	ug/L	100
15) Methyl Acetate	2.951	43	564061	152.118	ug/L	99
16) Methylene chloride	3.047	84	488735	162.609	ug/L	100
17) trans-1,2-Dichloroethene	3.353	96	424704	170.819	ug/L	97
18) Methyl tert-butyl Ether	3.369	73	1543755	185.596	ug/L	100
19) 1,1-Dichloroethane	3.874	63	852608	164.661	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	494968	178.859	ug/L	99
22) 2-Butanone	4.707	43	984312	293.739	ug/L	100
23) Bromochloromethane	4.980	128	238154	169.900	ug/L	100
25) Chloroform	5.092	83	860578	165.935	ug/L	99
27) 1,2-Dichloroethane	5.800	62	694006	161.708	ug/L	100
29) Cyclohexane	5.391	56	761028	170.584	ug/L	98
30) 1,1,1-Trichloroethane	5.321	97	717686	171.879	ug/L	99
31) Carbon tetrachloride	5.530	117	560491	170.064	ug/L	100
33) Benzene	5.777	78	1882605	168.436	ug/L	100
34) Trichloroethene	6.546	95	466829	172.708	ug/L	99
35) Methylcyclohexane	6.768	83	777957	175.233	ug/L	99
37) 1,2-Dichloropropane	6.796	63	506676	166.153	ug/L	99
38) Bromodichloromethane	7.108	83	673721	179.251	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	829725	188.685	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	1673511	332.631	ug/L	100
42) Toluene	7.973	91	2015824	177.255	ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	798816	190.852	ug/L	99

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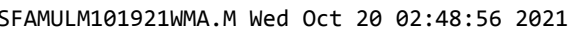
Instrument :
 MSVOA_U
 ClientSampleId :

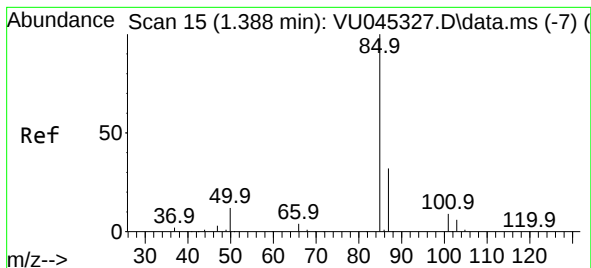
Quant Time: Oct 20 02:48:46 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.404	97	488538	174.844	ug/L	98
46) Tetrachloroethene	8.558	164	329337	171.558	ug/L	98
48) 2-Hexanone	8.690	43	1386162	312.764	ug/L	97
49) Dibromochloromethane	8.816	129	505807	183.419	ug/L	98
50) 1,2-Dibromoethane	8.928	107	516151	177.056	ug/L	98
51) Chlorobenzene	9.452	112	1277086	179.882	ug/L	98
52) Ethylbenzene	9.574	91	2275218	187.762	ug/L	100
53) m,p-Xylene	9.697	106	873706	190.229	ug/L	100
54) o-xylene	10.105	106	869674	192.370	ug/L	98
55) Styrene	10.118	104	1535877	197.653	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.787	83	896313	168.395	ug/L	98
59) Bromoform	10.295	173	375165	189.926	ug/L	99
60) 1,2,3-Trichloropropane	10.828	75	709777	162.032	ug/L	99
61) Isopropylbenzene	10.488	105	2270115	194.320	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	1971209	201.806	ug/L	99
63) 1,2,4-Trimethylbenzene	11.472	105	2013881	201.839	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	1005413	185.041	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	1009669	181.436	ug/L	99
67) 1,2-Dichlorobenzene	12.217	146	1000390	180.265	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.999	75	218484	175.595	ug/L	97
69) 1,3,5-Trichlorobenzene	13.224	180	741122	197.561	ug/L	100
70) 1,2,4-trichlorobenzene	13.844	180	673246	216.675	ug/L	100
71) Naphthalene	14.089	128	2413234	226.399	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	655692	207.350	ug/L	99

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

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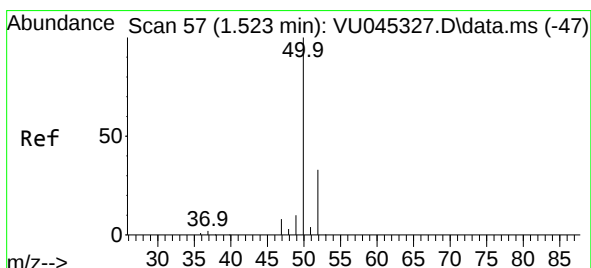
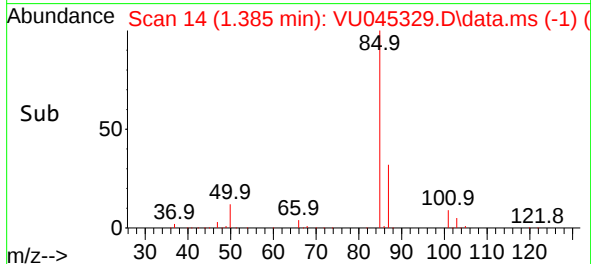
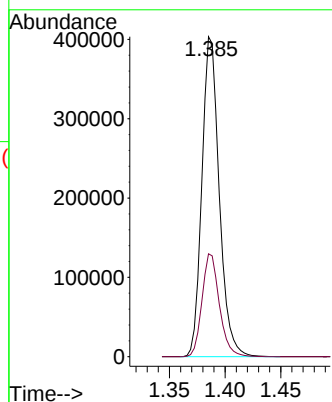
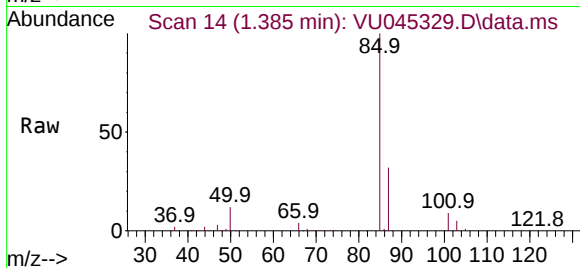




#2
Dichlorodifluoromethane
Concen: 151.666 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU045329.D
Acq: 19 Oct 2021 14:12

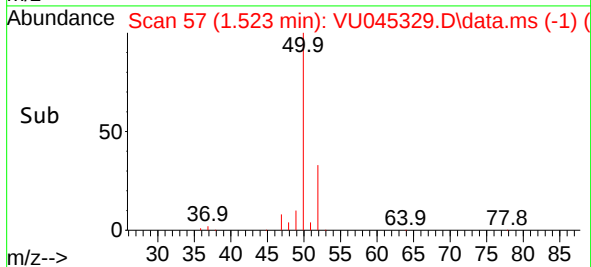
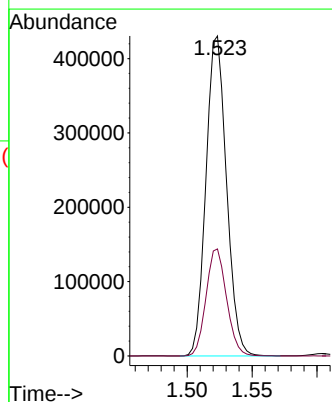
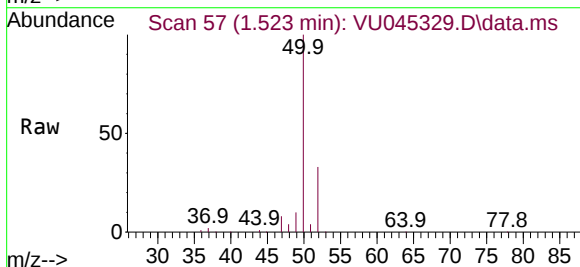
Instrument :
MSVOA_U
ClientSampleId :

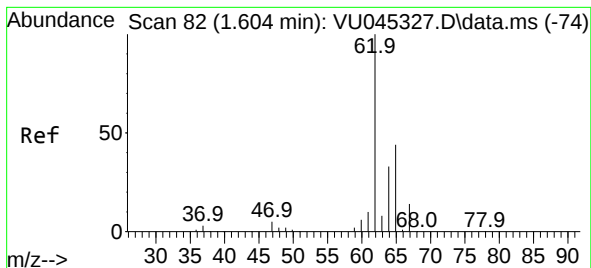
Tgt Ion: 85 Resp: 436881
Ion Ratio Lower Upper
85 100
87 32.1 25.3 37.9



#3
Chloromethane
Concen: 133.649 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU045329.D
Acq: 19 Oct 2021 14:12

Tgt Ion: 50 Resp: 473873
Ion Ratio Lower Upper
50 100
52 33.5 23.2 43.0





#5

Vinyl chloride

Concen: 153.831 ug/L

RT: 1.604 min Scan# 82

Delta R.T. -0.000 min

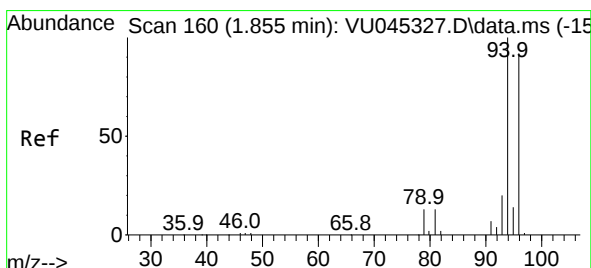
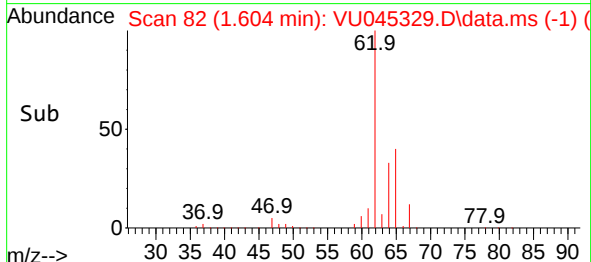
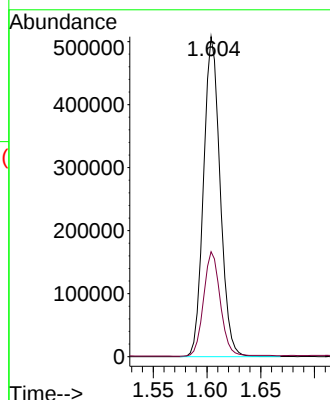
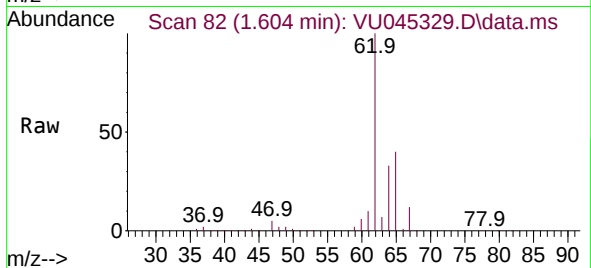
Lab File: VU045329.D

Acq: 19 Oct 2021 14:12

Tgt Ion: 62 Resp: 543495

Ion	Ratio	Lower	Upper
62	100		
64	32.8	23.9	44.3

Instrument :
MSVOA_U
ClientSampled :



#6

Bromomethane

Concen: 170.671 ug/L

RT: 1.835 min Scan# 154

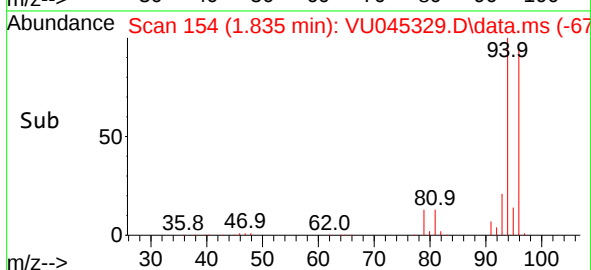
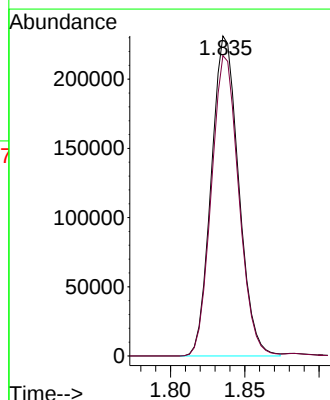
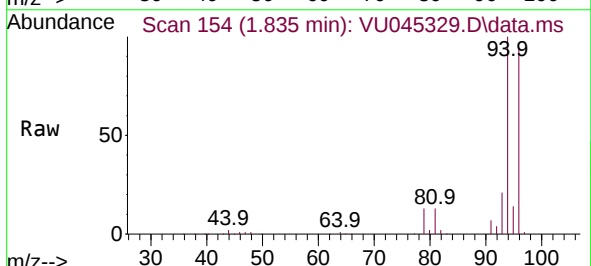
Delta R.T. -0.019 min

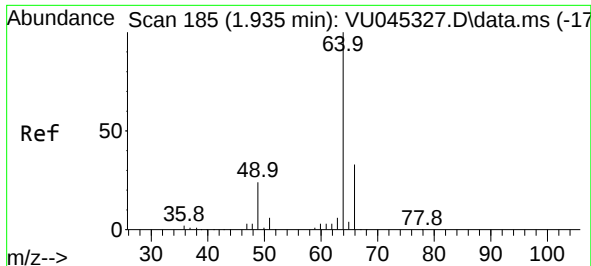
Lab File: VU045329.D

Acq: 19 Oct 2021 14:12

Tgt Ion: 94 Resp: 297161

Ion	Ratio	Lower	Upper
94	100		
96	93.8	64.1	119.1

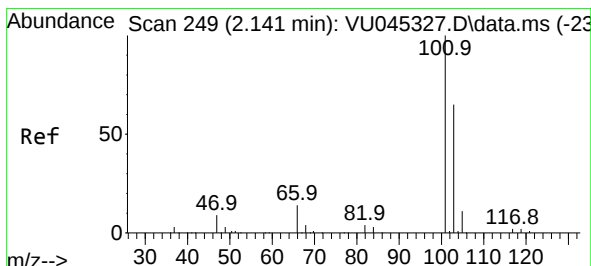
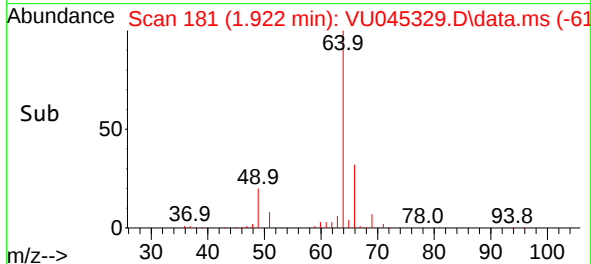
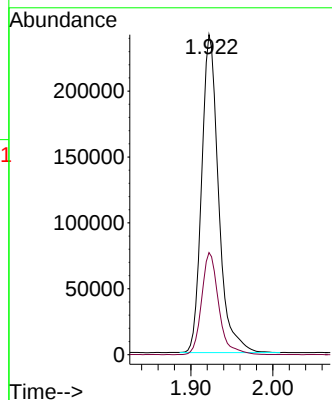
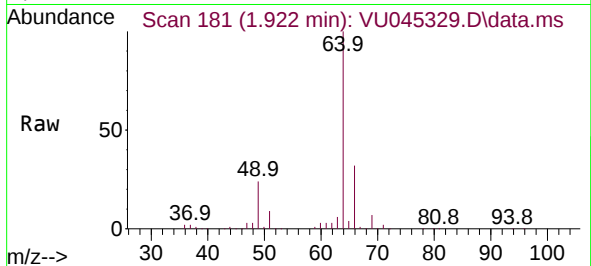




#8
Chloroethane
Concen: 155.731 ug/L
RT: 1.922 min Scan# 181
Delta R.T. -0.013 min
Lab File: VU045329.D
Acq: 19 Oct 2021 14:12

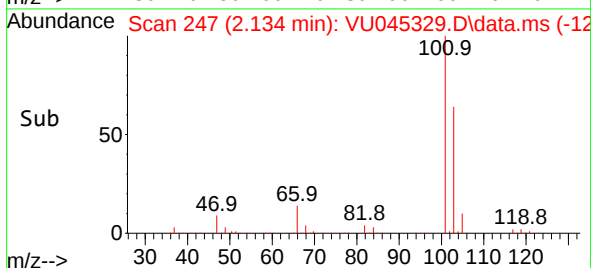
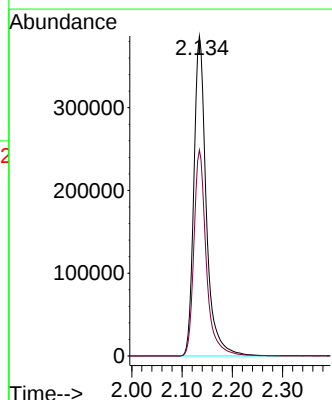
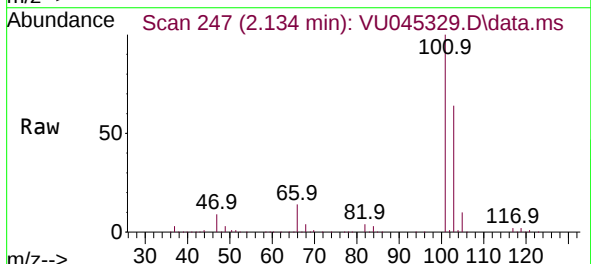
Instrument :
MSVOA_U
ClientSampleId :

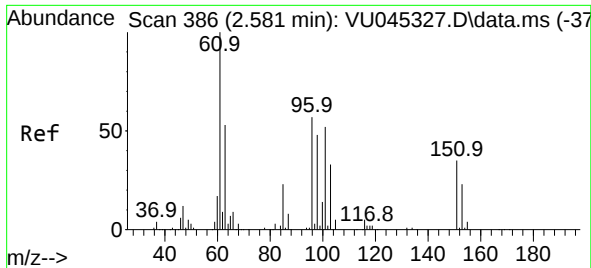
Tgt Ion: 64 Resp: 345535
Ion Ratio Lower Upper
64 100
66 31.9 22.5 41.9



#9
Trichlorofluoromethane
Concen: 163.044 ug/L
RT: 2.134 min Scan# 247
Delta R.T. -0.006 min
Lab File: VU045329.D
Acq: 19 Oct 2021 14:12

Tgt Ion:101 Resp: 662530
Ion Ratio Lower Upper
101 100
103 64.1 50.8 76.2

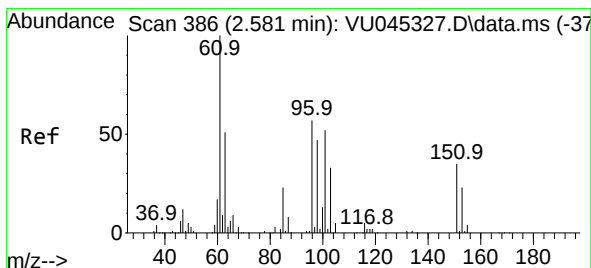
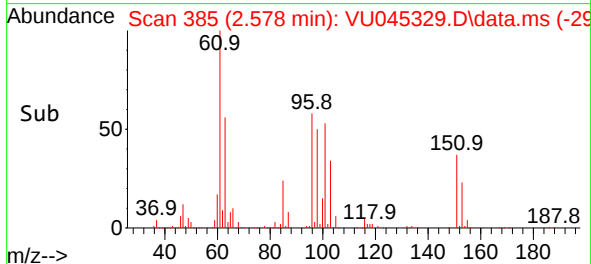
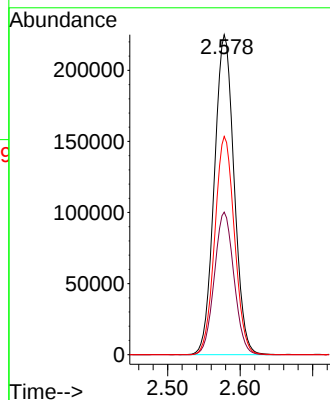
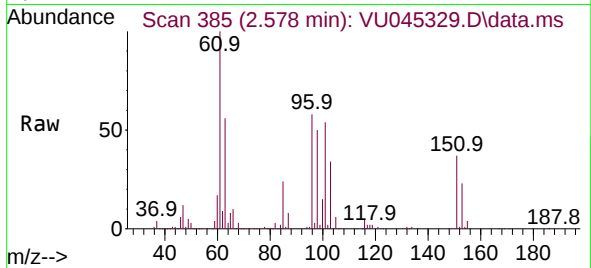




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 165.461 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.003 min
 Lab File: VU045329.D
 Acq: 19 Oct 2021 14:12

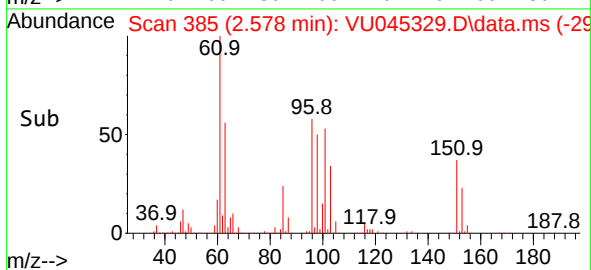
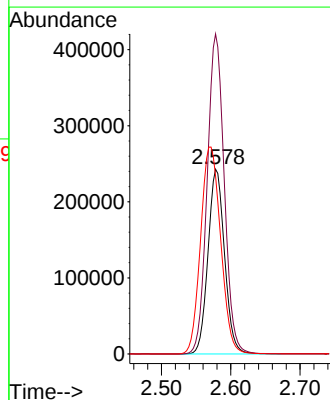
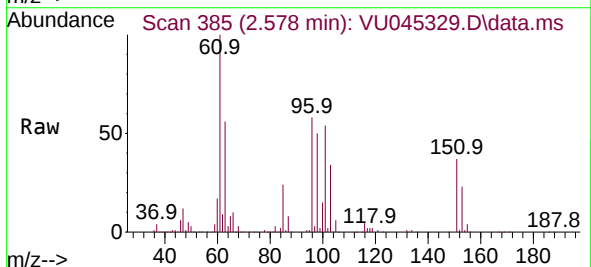
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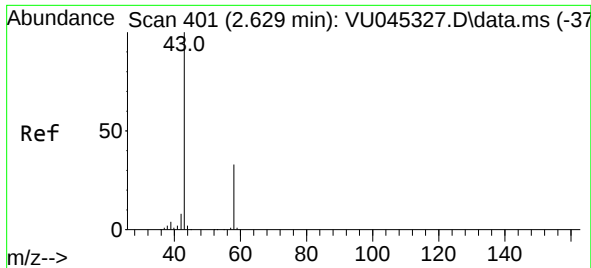
Tgt Ion:101 Resp: 426578
 Ion Ratio Lower Upper
 101 100
 85 44.2 35.2 52.8
 151 67.9 53.9 80.9



#12
 1,1-Dichloroethene
 Concen: 170.836 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.003 min
 Lab File: VU045329.D
 Acq: 19 Oct 2021 14:12

Tgt Ion: 96 Resp: 402443
 Ion Ratio Lower Upper
 96 100
 61 173.2 122.9 228.3
 63 96.4 65.3 121.3

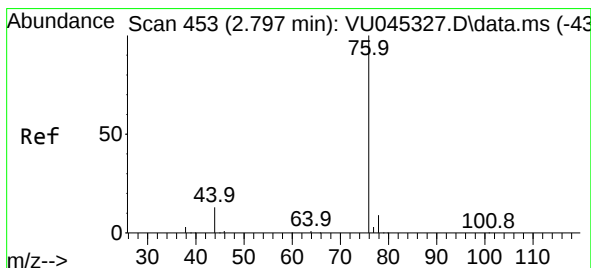
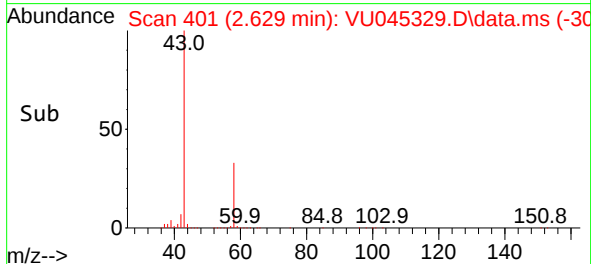
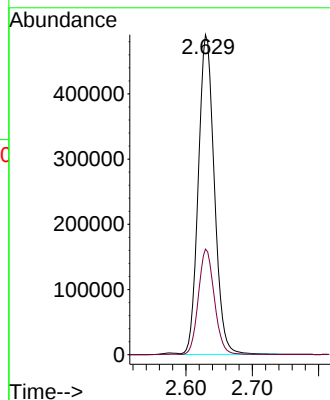
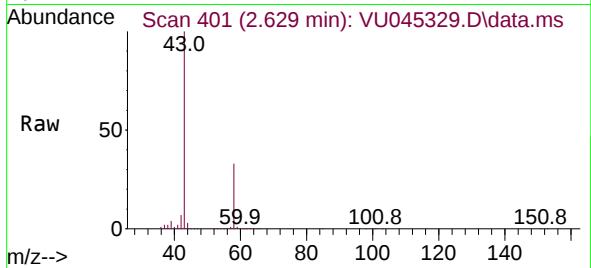




#13
Acetone
Concen: 276.863 ug/L
RT: 2.629 min Scan# 401
Delta R.T. -0.000 min
Lab File: VU045329.D
Acq: 19 Oct 2021 14:12

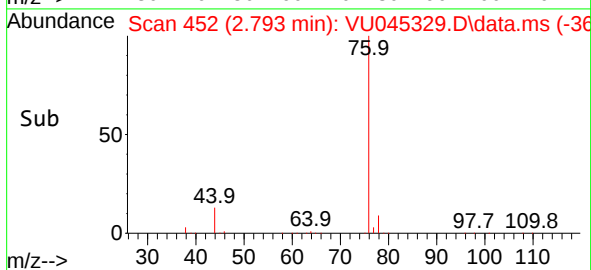
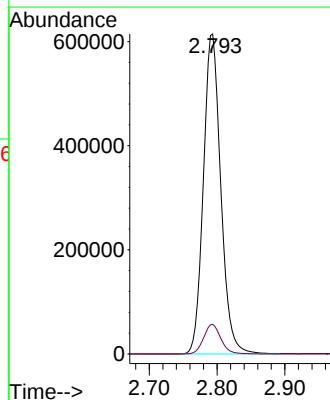
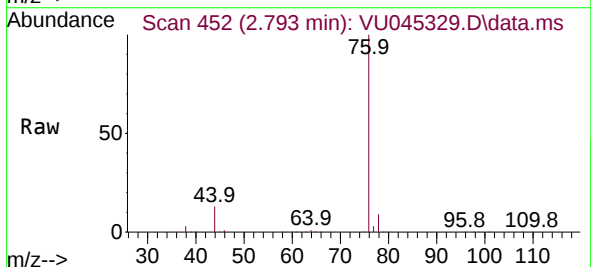
Instrument :
MSVOA_U
ClientSampled :

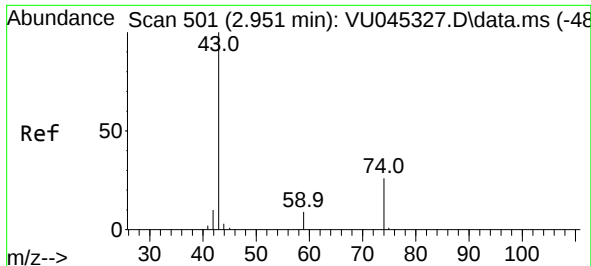
Tgt Ion: 43 Resp: 822495
Ion Ratio Lower Upper
43 100
58 32.7 0.0 64.8



#14
Carbon disulfide
Concen: 148.319 ug/L
RT: 2.793 min Scan# 452
Delta R.T. -0.003 min
Lab File: VU045329.D
Acq: 19 Oct 2021 14:12

Tgt Ion: 76 Resp: 1096894
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0

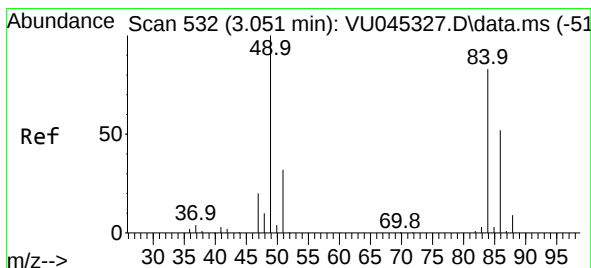
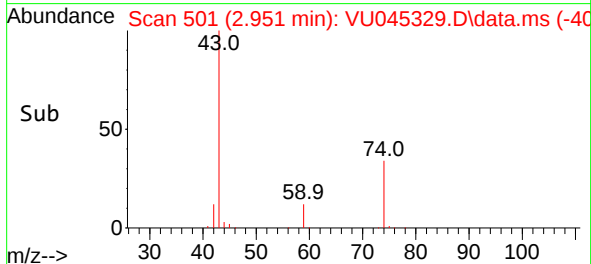
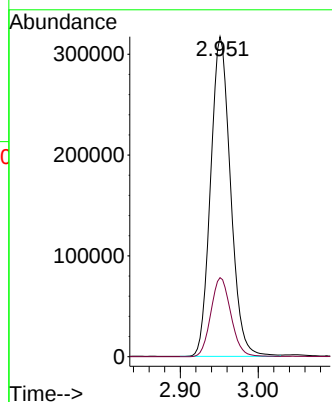
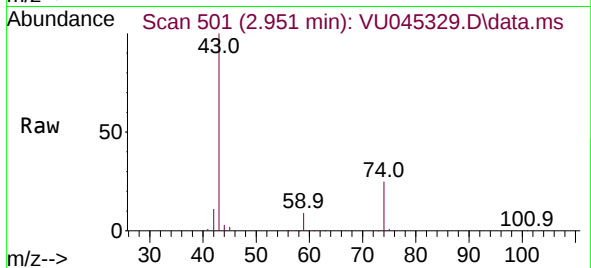




#15
Methyl Acetate
Concen: 152.118 ug/L
RT: 2.951 min Scan# 501
Delta R.T. -0.000 min
Lab File: VU045329.D
Acq: 19 Oct 2021 14:12

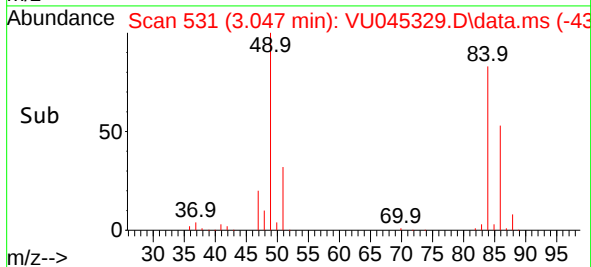
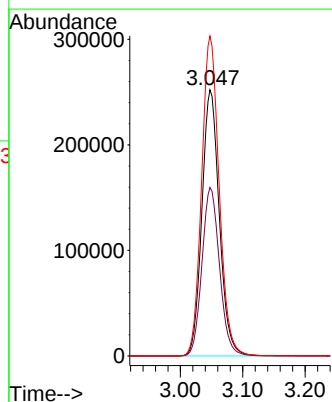
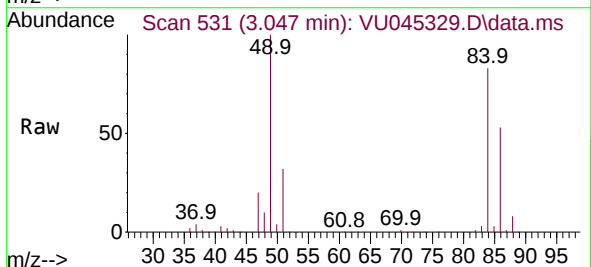
Instrument :
MSVOA_U
ClientSampleId :

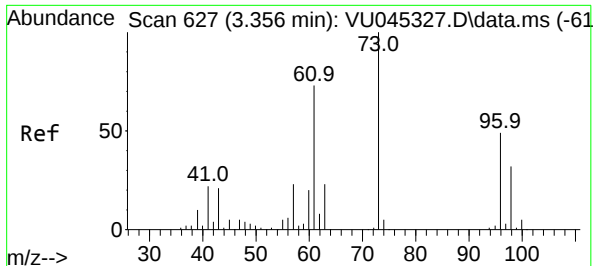
Tgt Ion: 43 Resp: 564061
Ion Ratio Lower Upper
43 100
74 24.9 20.5 30.7



#16
Methylene chloride
Concen: 162.609 ug/L
RT: 3.047 min Scan# 531
Delta R.T. -0.003 min
Lab File: VU045329.D
Acq: 19 Oct 2021 14:12

Tgt Ion: 84 Resp: 488735
Ion Ratio Lower Upper
84 100
86 63.3 44.1 81.9
49 120.3 84.2 156.4



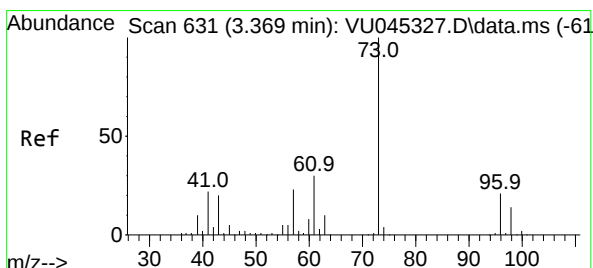
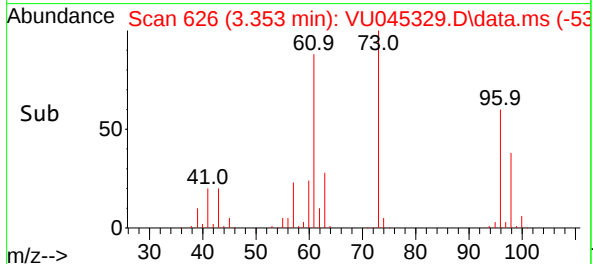
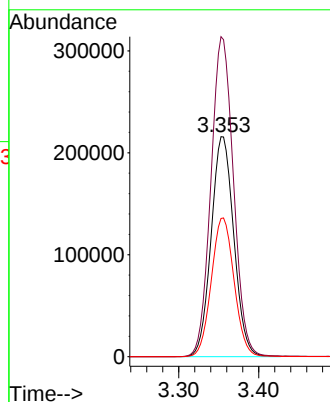
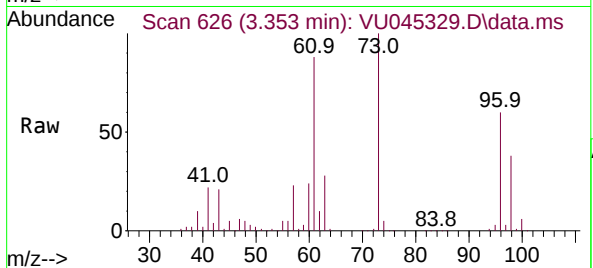


#17

trans-1,2-Dichloroethene
Concen: 170.819 ug/L
RT: 3.353 min Scan# 626
Delta R.T. -0.003 min
Lab File: VU045329.D
Acq: 19 Oct 2021 14:12

Instrument :
MSVOA_U
ClientSampleId :

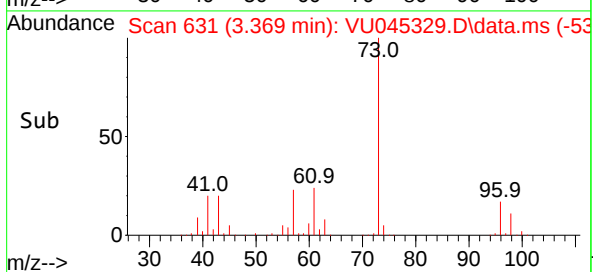
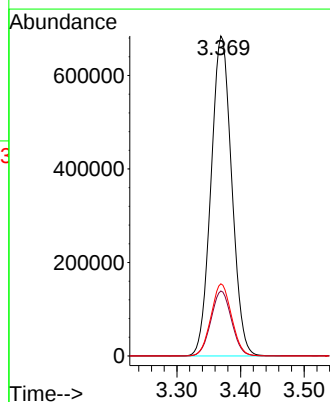
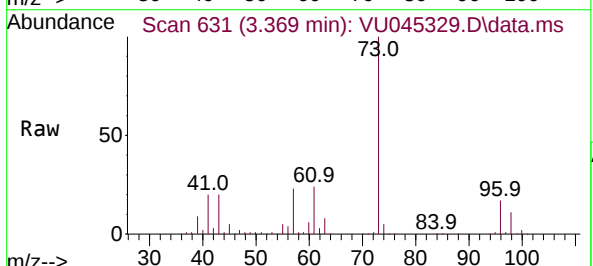
Tgt Ion: 96 Resp: 424704
Ion Ratio Lower Upper
96 100
61 145.4 104.7 194.4
98 62.8 45.8 85.2

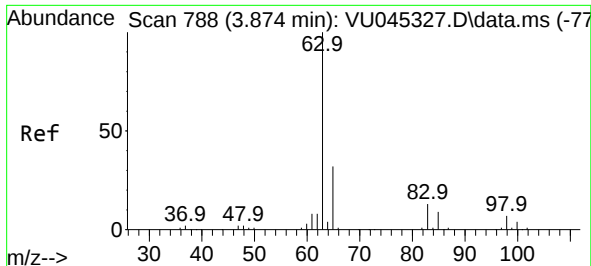


#18

Methyl tert-butyl Ether
Concen: 185.596 ug/L
RT: 3.369 min Scan# 631
Delta R.T. -0.000 min
Lab File: VU045329.D
Acq: 19 Oct 2021 14:12

Tgt Ion: 73 Resp: 1543755
Ion Ratio Lower Upper
73 100
43 20.2 16.2 24.4
57 22.4 17.9 26.9





#19

1,1-Dichloroethane

Concen: 164.661 ug/L

RT: 3.874 min Scan# 788

Delta R.T. -0.000 min

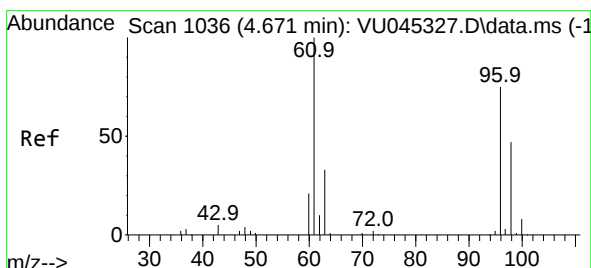
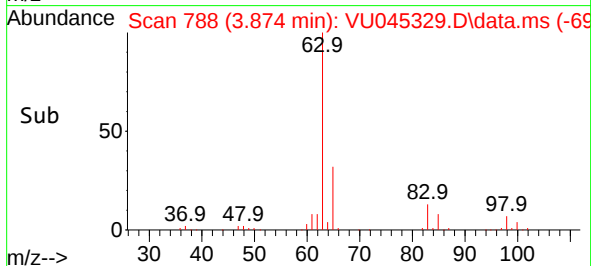
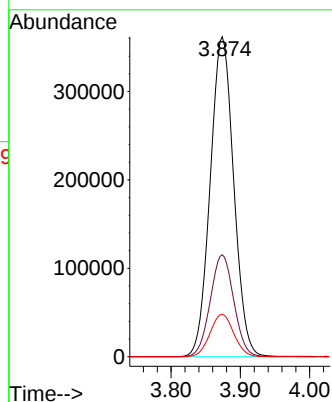
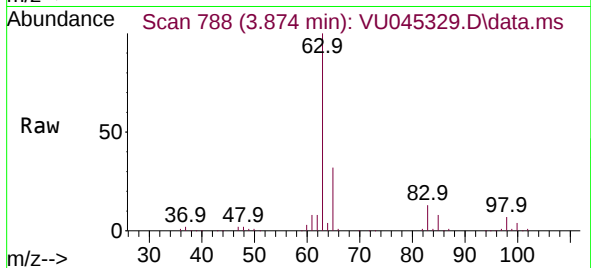
Lab File: VU045329.D

Acq: 19 Oct 2021 14:12

Tgt Ion: 63 Resp: 852608

Ion	Ratio	Lower	Upper
63	100		
65	31.9	22.5	41.9
83	13.2	8.9	16.5

Instrument :
MSVOA_U
ClientSampleId :



#20

cis-1,2-Dichloroethene

Concen: 178.859 ug/L

RT: 4.671 min Scan# 1036

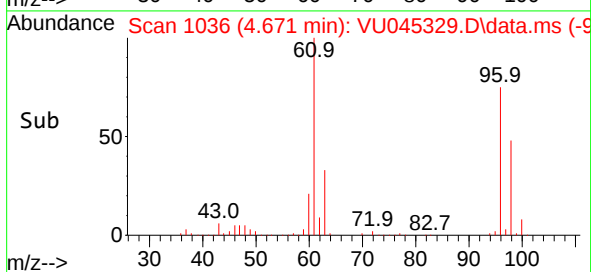
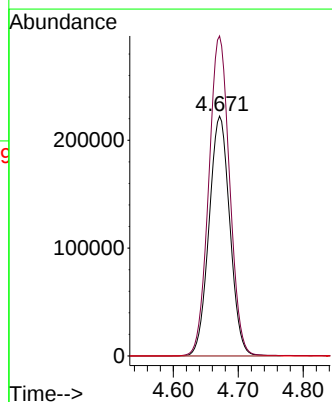
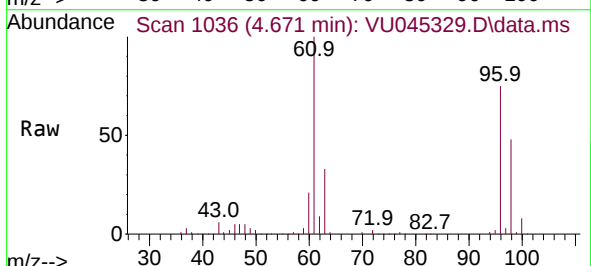
Delta R.T. -0.000 min

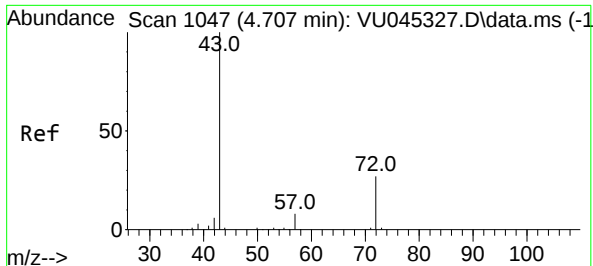
Lab File: VU045329.D

Acq: 19 Oct 2021 14:12

Tgt Ion: 96 Resp: 494968

Ion	Ratio	Lower	Upper
96	100		
61	133.4	94.2	175.0
68	0.0	0.0	0.0

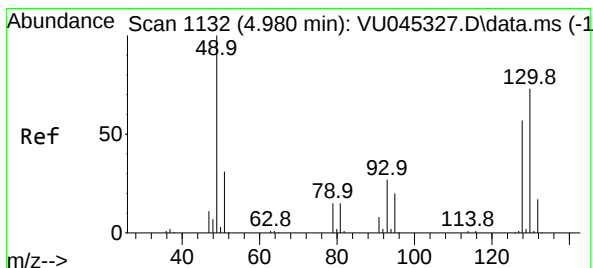
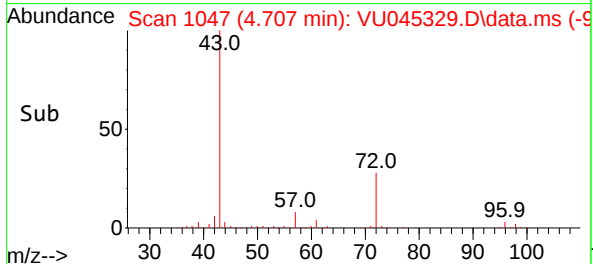
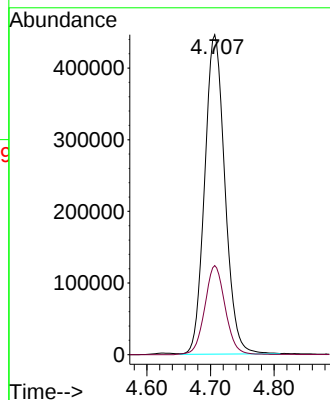
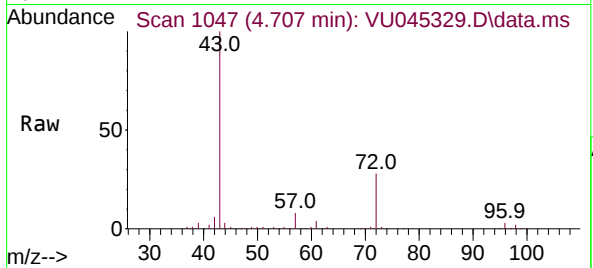




#22
2-Butanone
Concen: 293.739 ug/L
RT: 4.707 min Scan# 1047
Delta R.T. -0.000 min
Lab File: VU045329.D
Acq: 19 Oct 2021 14:12

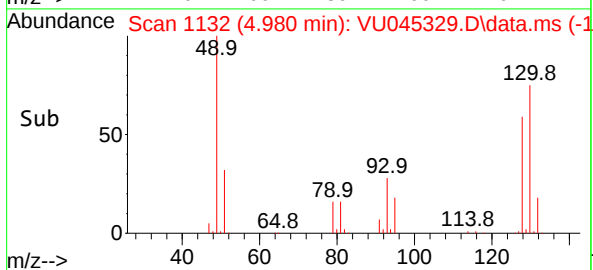
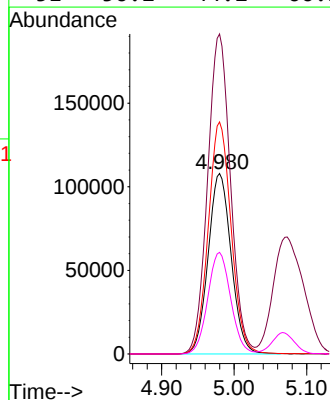
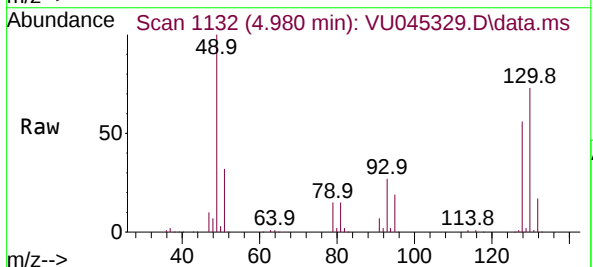
Instrument :
MSVOA_U
ClientSampled :

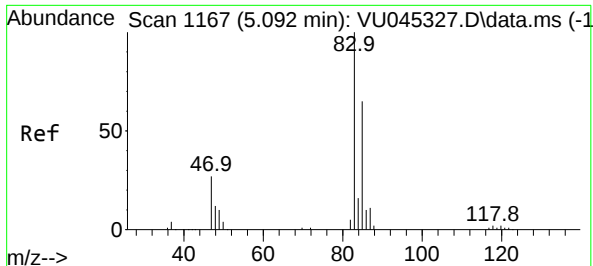
Tgt Ion: 43 Resp: 984312
Ion Ratio Lower Upper
43 100
72 28.3 14.1 42.2



#23
Bromochloromethane
Concen: 169.900 ug/L
RT: 4.980 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VU045329.D
Acq: 19 Oct 2021 14:12

Tgt Ion: 128 Resp: 238154
Ion Ratio Lower Upper
128 100
49 177.3 123.8 229.8
130 128.5 89.8 166.8
51 56.2 44.2 66.2



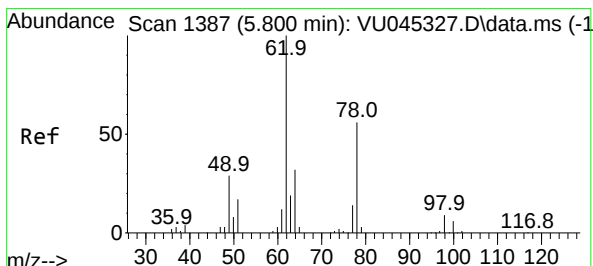
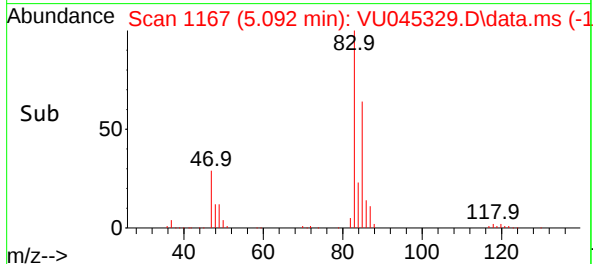
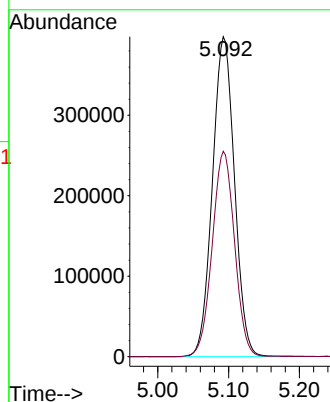
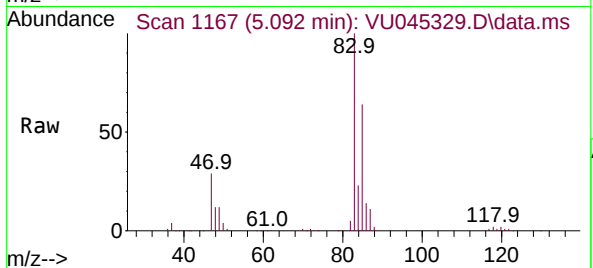


#25

Chloroform
Concen: 165.935 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VU045329.D
Acq: 19 Oct 2021 14:12

Instrument :
MSVOA_U
ClientSampleId :

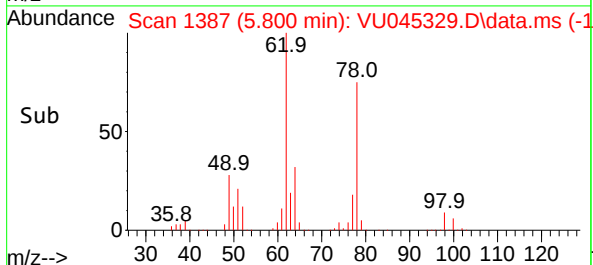
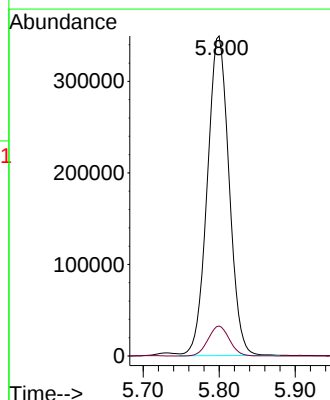
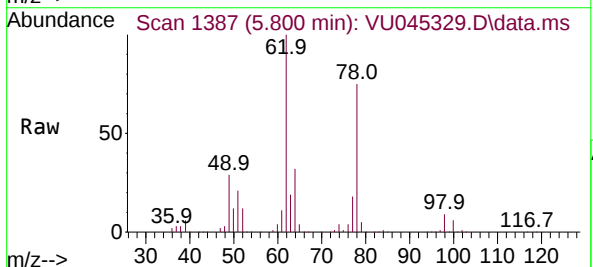
Tgt Ion: 83 Resp: 860578
Ion Ratio Lower Upper
83 100
85 64.2 45.4 84.2

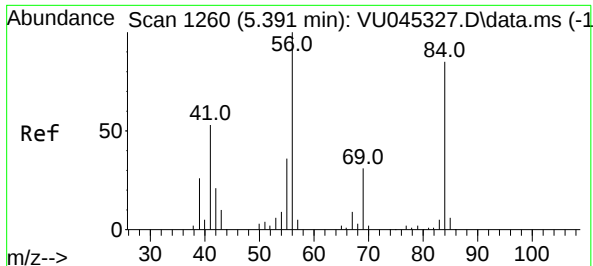


#27

1,2-Dichloroethane
Concen: 161.708 ug/L
RT: 5.800 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VU045329.D
Acq: 19 Oct 2021 14:12

Tgt Ion: 62 Resp: 694006
Ion Ratio Lower Upper
62 100
98 9.4 7.4 11.2





#29

Cyclohexane

Concen: 170.584 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. -0.000 min

Lab File: VU045329.D

Acq: 19 Oct 2021 14:12

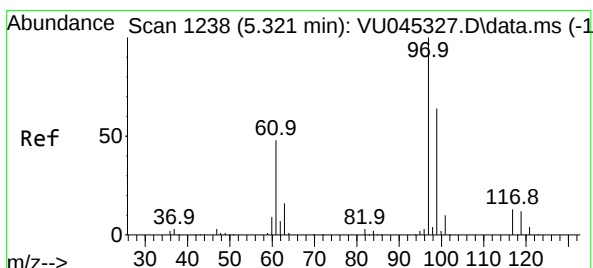
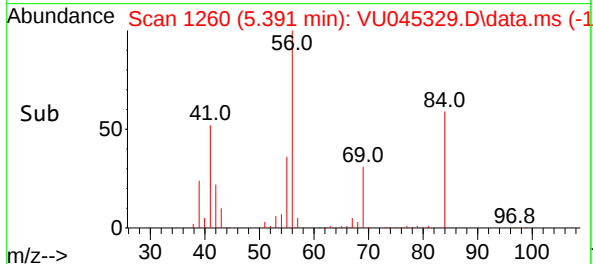
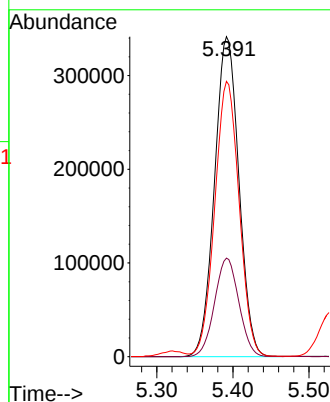
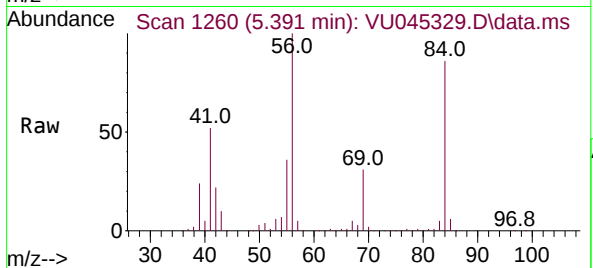
Tgt Ion: 56 Resp: 761028

Ion Ratio Lower Upper

56 100

69 30.7 24.8 37.2

84 85.7 70.3 105.5



#30

1,1,1-Trichloroethane

Concen: 171.879 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VU045329.D

Acq: 19 Oct 2021 14:12

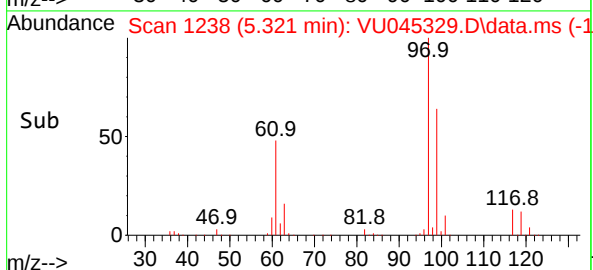
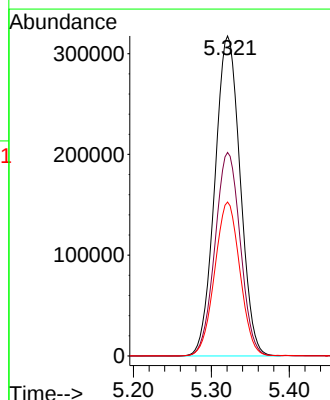
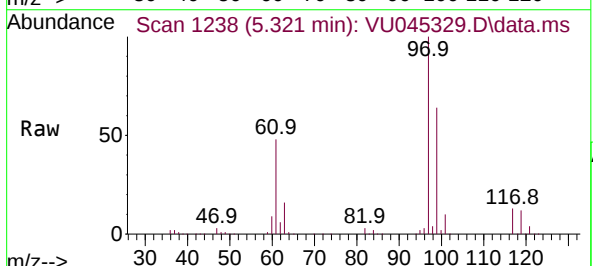
Tgt Ion: 97 Resp: 717686

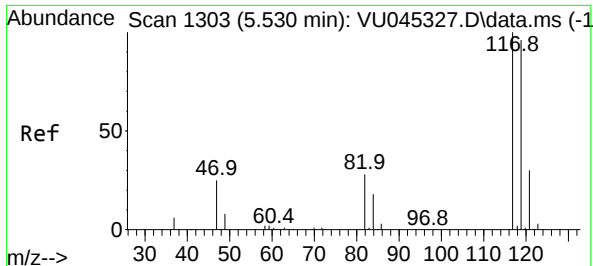
Ion Ratio Lower Upper

97 100

99 63.7 51.5 77.3

61 48.0 39.2 58.8

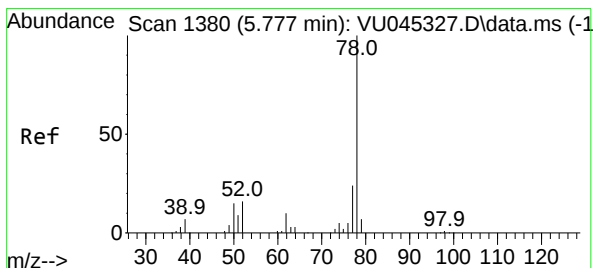
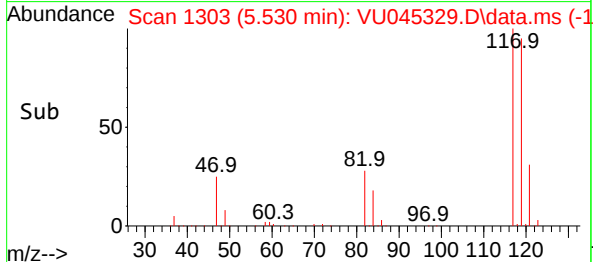
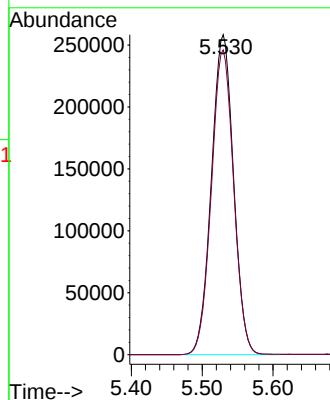
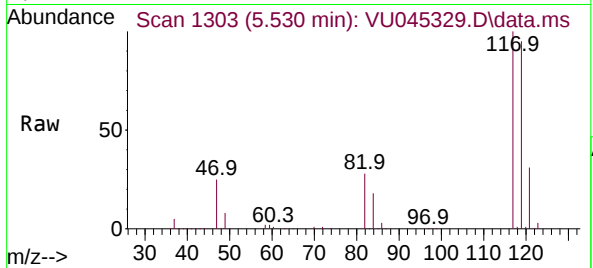




#31
Carbon tetrachloride
Concen: 170.064 ug/L
RT: 5.530 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VU045329.D
Acq: 19 Oct 2021 14:12

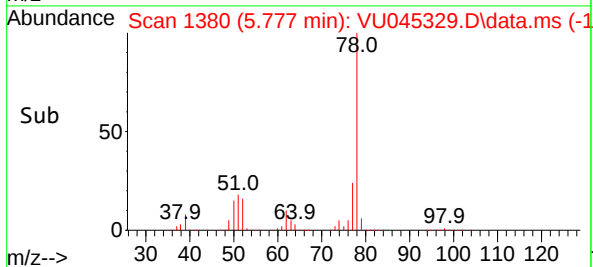
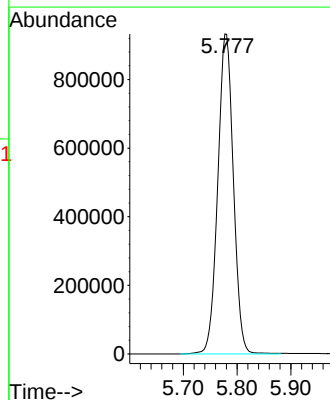
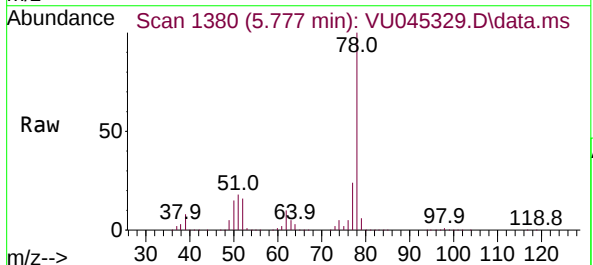
Instrument :
MSVOA_U
ClientSampleId :

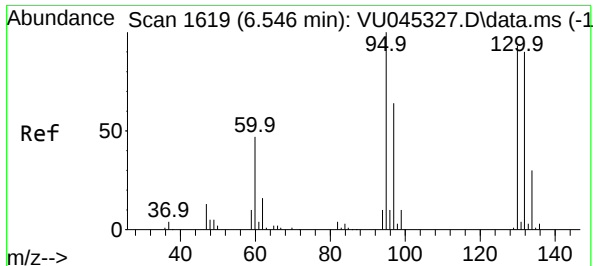
Tgt Ion:117 Resp: 560491
Ion Ratio Lower Upper
117 100
119 95.5 76.7 115.1



#33
Benzene
Concen: 168.436 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU045329.D
Acq: 19 Oct 2021 14:12

Tgt Ion: 78 Resp: 1882605

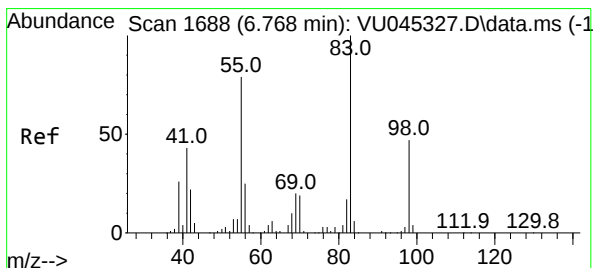
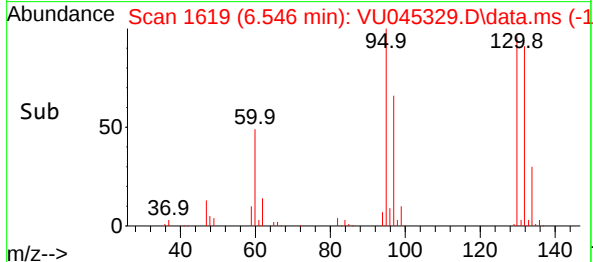
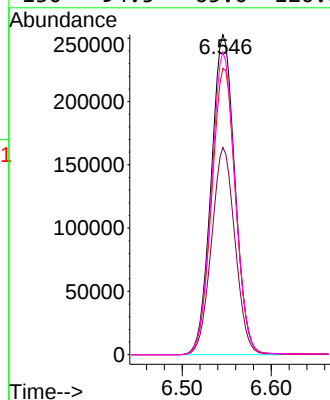
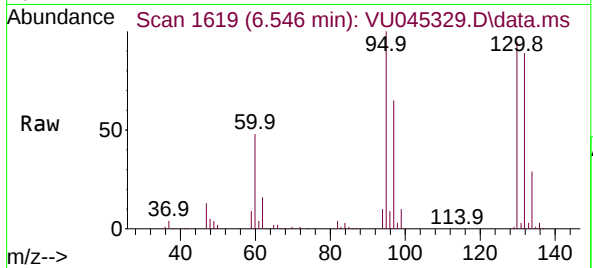




#34
Trichloroethene
Concen: 172.708 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU045329.D
Acq: 19 Oct 2021 14:12

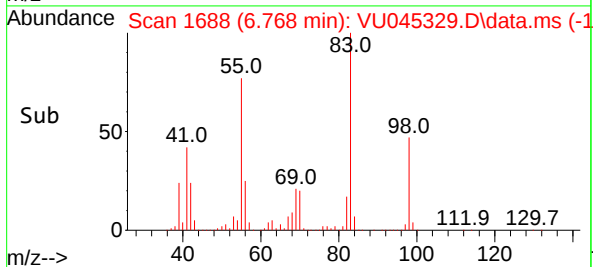
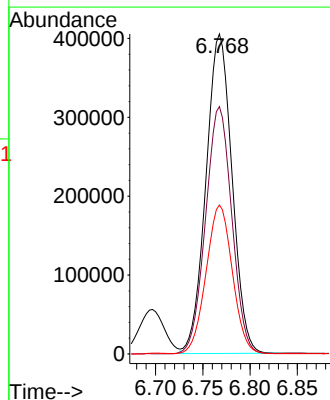
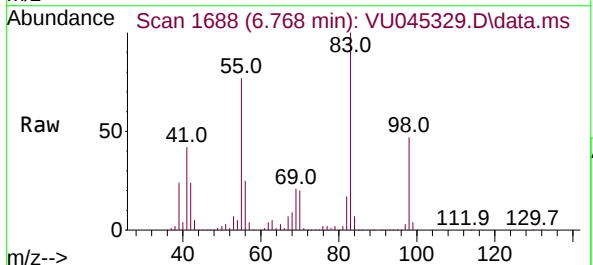
Instrument :
MSVOA_U
ClientSampleId :

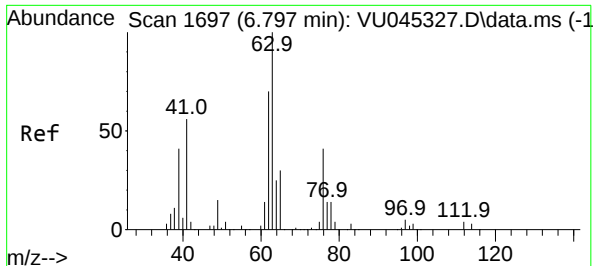
Tgt Ion: 95 Resp: 466829
Ion Ratio Lower Upper
95 100
97 64.7 44.9 83.3
132 89.5 63.0 117.0
130 94.5 65.0 120.8



#35
Methylcyclohexane
Concen: 175.233 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VU045329.D
Acq: 19 Oct 2021 14:12

Tgt Ion: 83 Resp: 777957
Ion Ratio Lower Upper
83 100
55 77.8 63.4 95.0
98 46.9 37.9 56.9



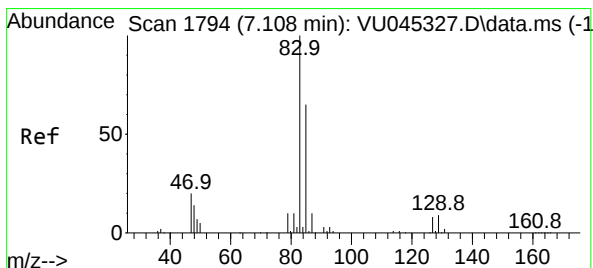
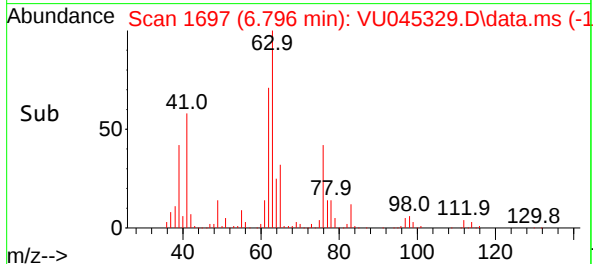
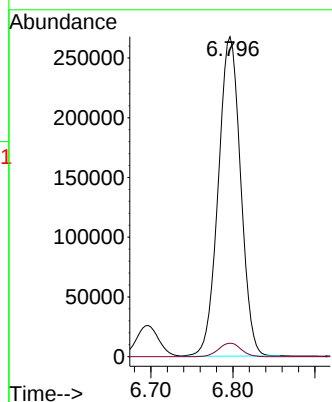
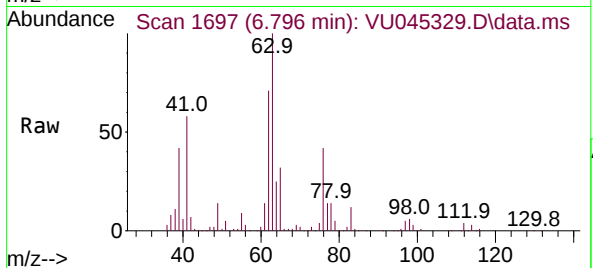


#37

1,2-Dichloropropane
Concen: 166.153 ug/L
RT: 6.796 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VU045329.D
Acq: 19 Oct 2021 14:12

Instrument :
MSVOA_U
ClientSampled :

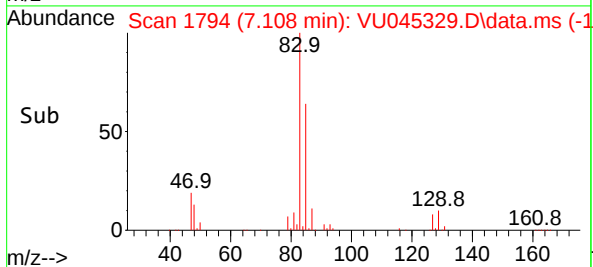
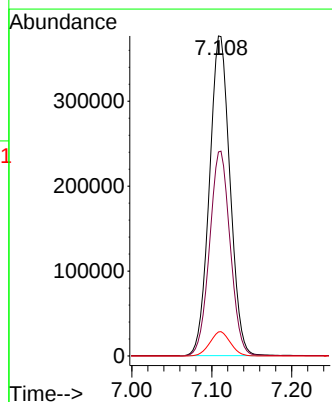
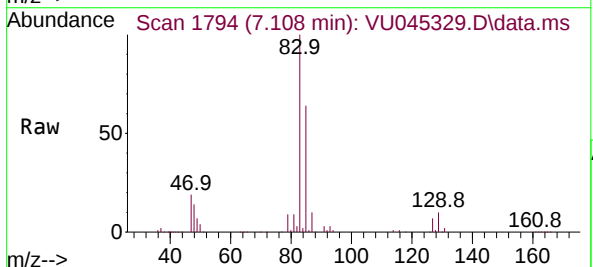
Tgt Ion: 63 Resp: 506676
Ion Ratio Lower Upper
63 100
112 4.3 3.3 4.9

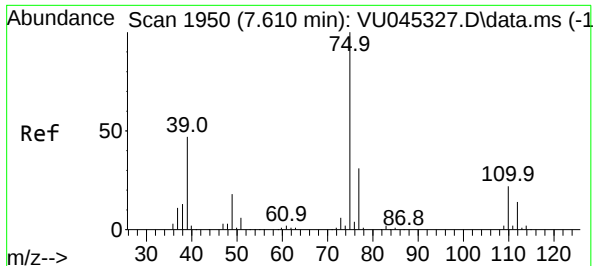


#38

Bromodichloromethane
Concen: 179.251 ug/L
RT: 7.108 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VU045329.D
Acq: 19 Oct 2021 14:12

Tgt Ion: 83 Resp: 673721
Ion Ratio Lower Upper
83 100
85 63.7 45.5 84.5
127 7.5 6.3 9.5



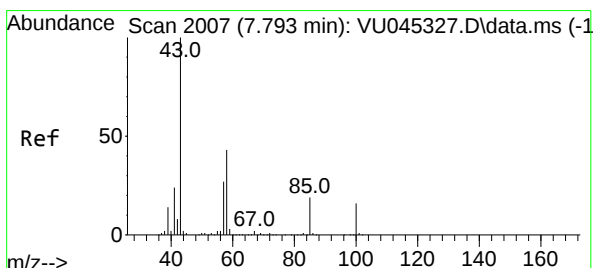
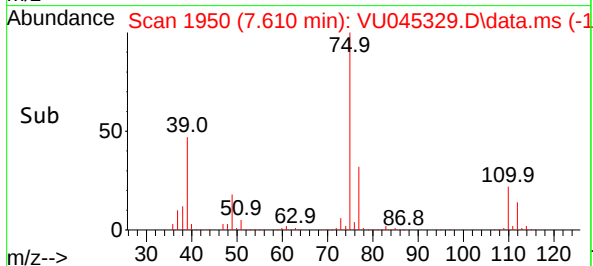
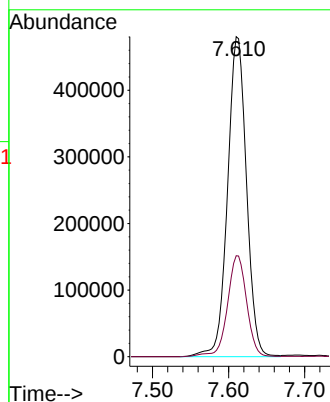
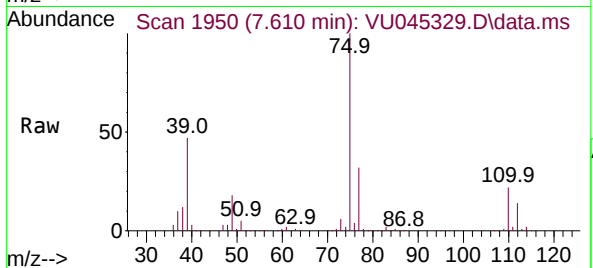


#39

cis-1,3-Dichloropropene
 Concen: 188.685 ug/L
 RT: 7.610 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: VU045329.D
 Acq: 19 Oct 2021 14:12

Instrument :
 MSVOA_U
 ClientSampleId :

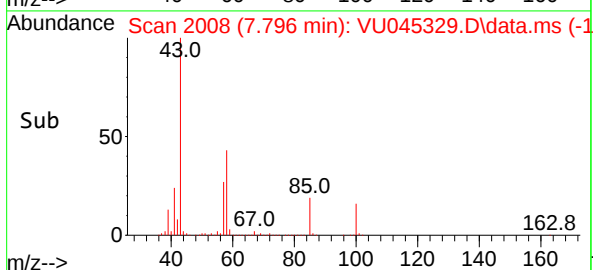
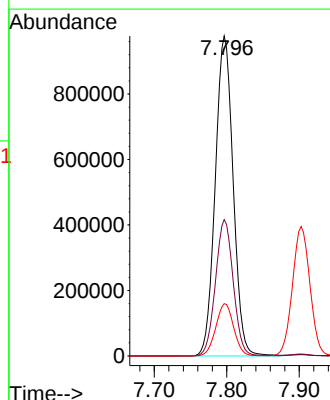
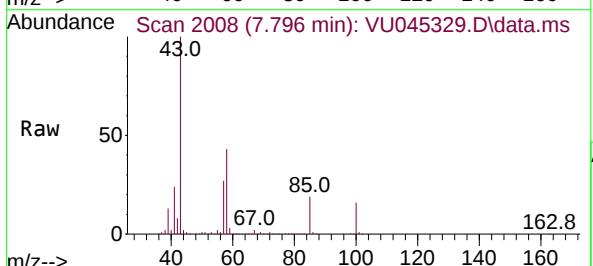
Tgt Ion: 75 Resp: 829725
 Ion Ratio Lower Upper
 75 100
 77 31.6 21.6 40.0

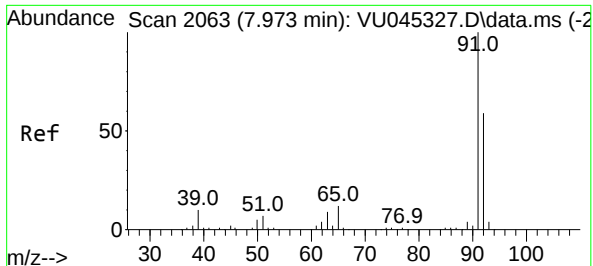


#40

4-Methyl-2-pentanone
 Concen: 332.631 ug/L
 RT: 7.796 min Scan# 2008
 Delta R.T. 0.003 min
 Lab File: VU045329.D
 Acq: 19 Oct 2021 14:12

Tgt Ion: 43 Resp: 1673511
 Ion Ratio Lower Upper
 43 100
 58 42.4 33.7 50.5
 100 16.4 13.0 19.4

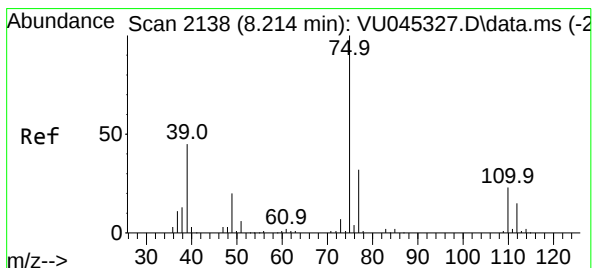
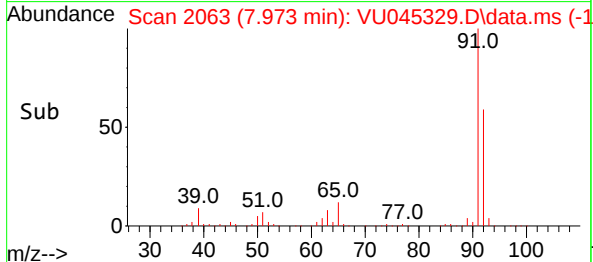
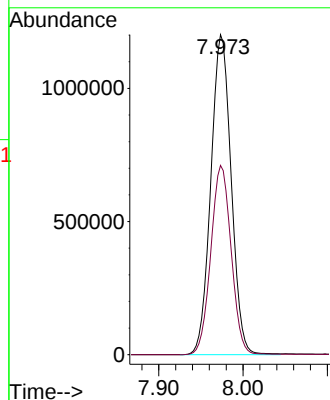
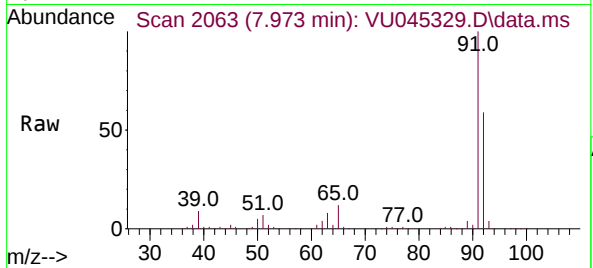




#42
Toluene
Concen: 177.255 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU045329.D
Acq: 19 Oct 2021 14:12

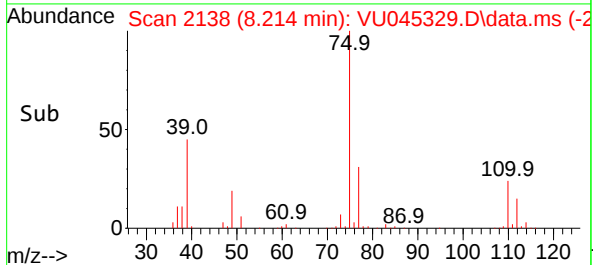
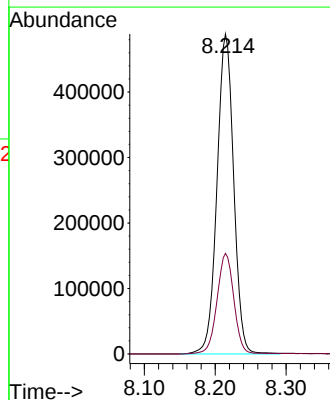
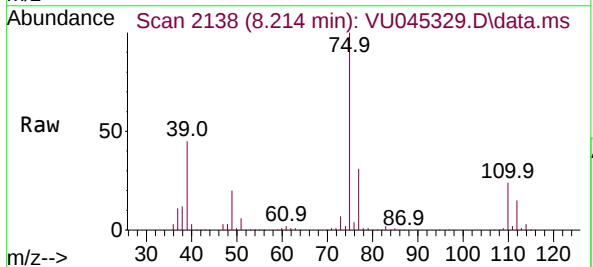
Instrument :
MSVOA_U
ClientSampled :

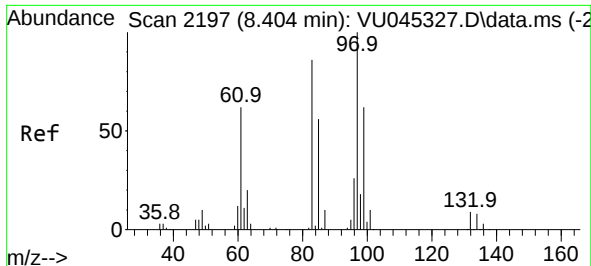
Tgt Ion: 91 Resp: 2015824
Ion Ratio Lower Upper
91 100
92 59.2 41.2 76.6



#44
trans-1,3-Dichloropropene
Concen: 190.852 ug/L
RT: 8.214 min Scan# 2138
Delta R.T. -0.000 min
Lab File: VU045329.D
Acq: 19 Oct 2021 14:12

Tgt Ion: 75 Resp: 798816
Ion Ratio Lower Upper
75 100
77 31.5 22.5 41.9





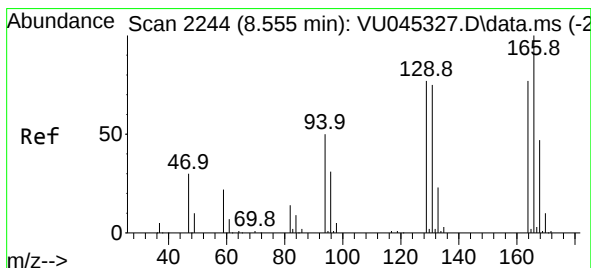
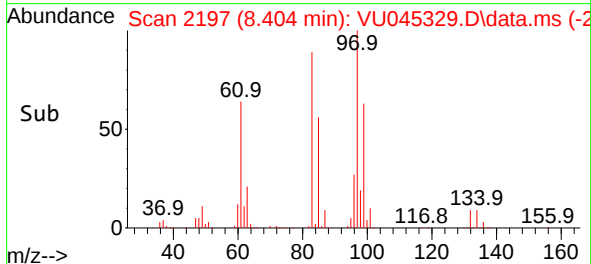
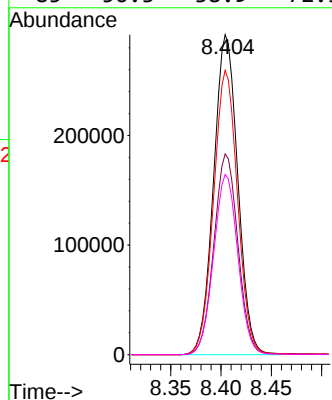
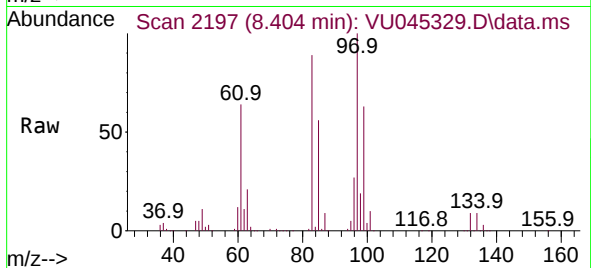
#45

1,1,2-Trichloroethane
Concen: 174.844 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. -0.000 min
Lab File: VU045329.D
Acq: 19 Oct 2021 14:12

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 488538

Ion	Ratio	Lower	Upper
97	100		
99	62.7	43.0	80.0
83	88.9	60.1	111.5
85	56.3	38.9	72.3

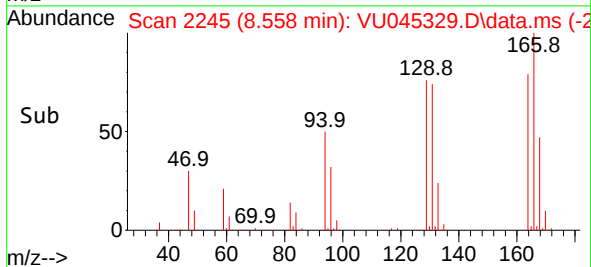
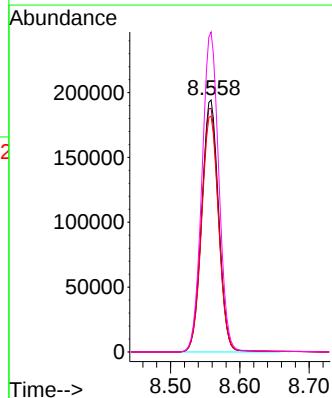
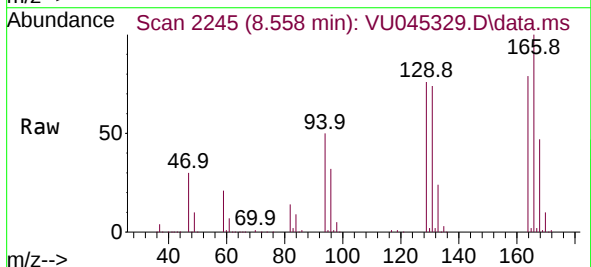


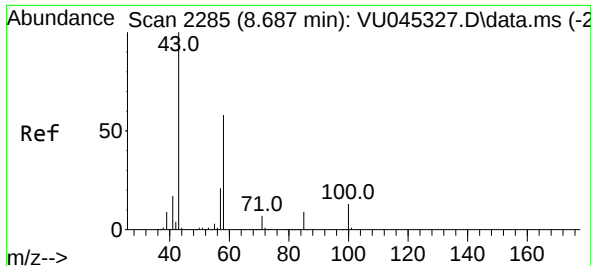
#46

Tetrachloroethene
Concen: 171.558 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU045329.D
Acq: 19 Oct 2021 14:12

Tgt Ion: 164 Resp: 329337

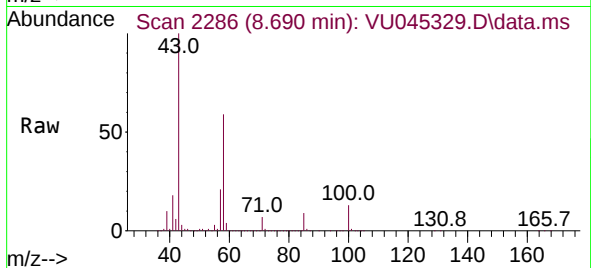
Ion	Ratio	Lower	Upper
164	100		
129	96.7	69.6	129.2
131	93.6	67.5	125.4
166	127.0	90.4	167.8





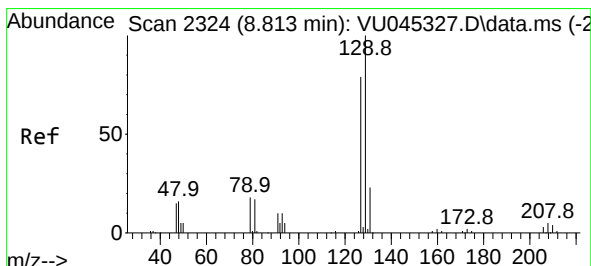
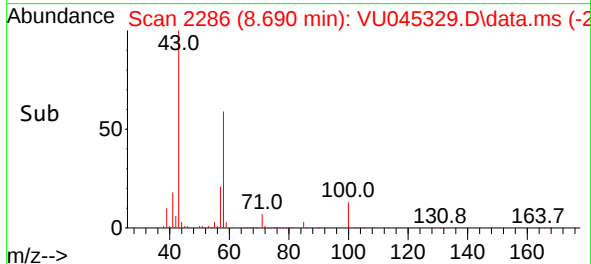
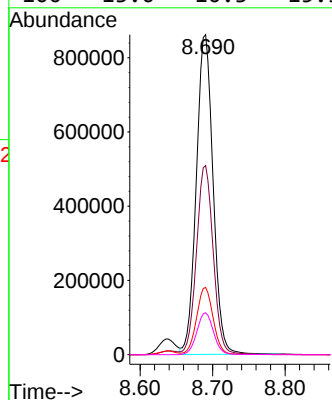
#48
2-Hexanone
Concen: 312.764 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. 0.003 min
Lab File: VU045329.D
Acq: 19 Oct 2021 14:12

Instrument :
MSVOA_U
ClientSampled :



Tgt Ion: 43 Resp: 1386162

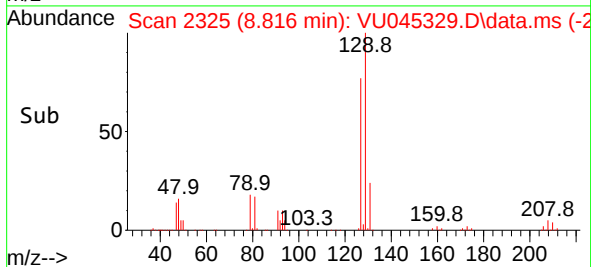
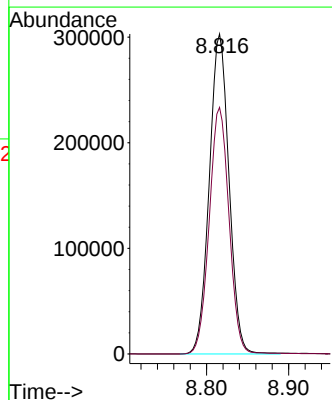
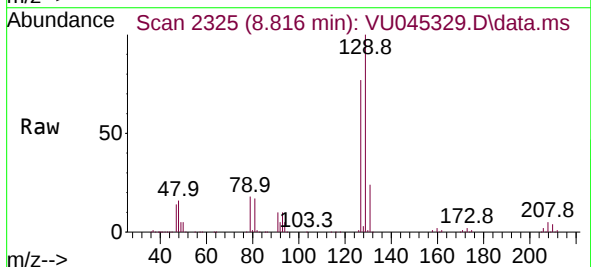
Ion	Ratio	Lower	Upper
43	100		
58	59.3	45.4	68.0
57	20.7	16.0	24.0
100	13.0	10.3	15.5

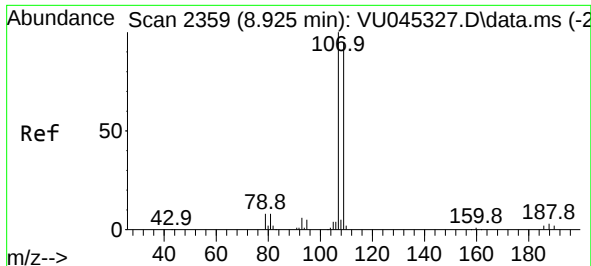


#49
Dibromochloromethane
Concen: 183.419 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. 0.003 min
Lab File: VU045329.D
Acq: 19 Oct 2021 14:12

Tgt Ion: 129 Resp: 505807

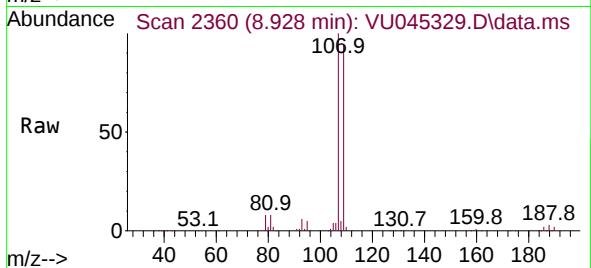
Ion	Ratio	Lower	Upper
129	100		
127	77.1	55.3	102.7



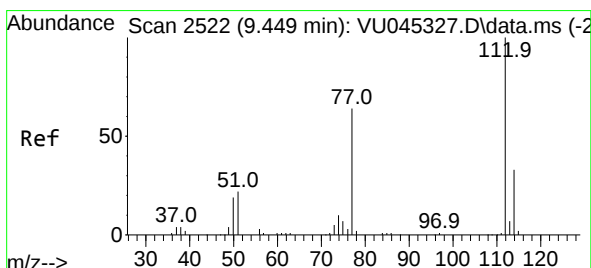
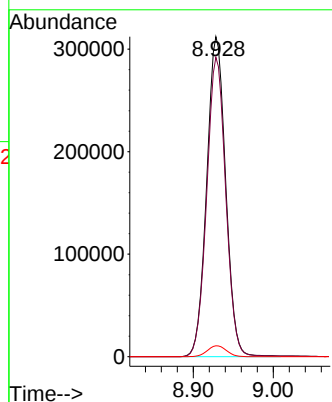
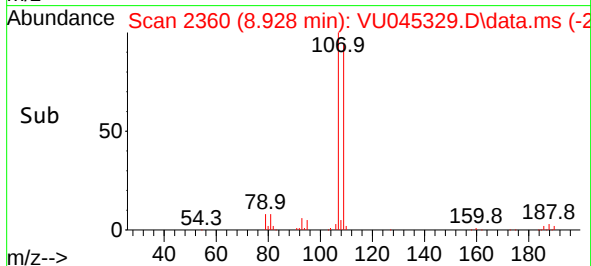


#50
1,2-Dibromoethane
Concen: 177.056 ug/L
RT: 8.928 min Scan# 2360
Delta R.T. 0.003 min
Lab File: VU045329.D
Acq: 19 Oct 2021 14:12

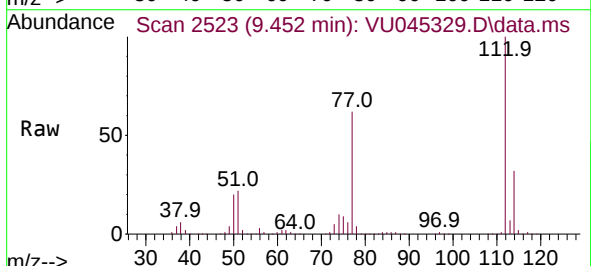
Instrument :
MSVOA_U
ClientSampleId :



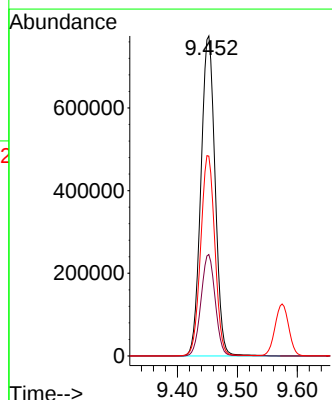
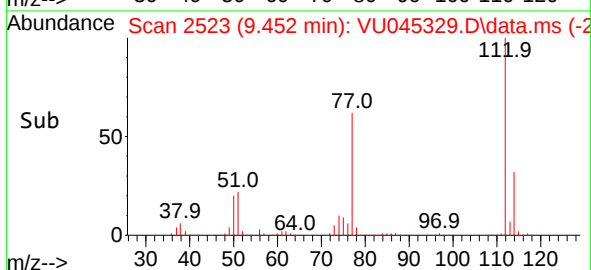
Tgt Ion:107 Resp: 516151
Ion Ratio Lower Upper
107 100
109 93.6 66.6 123.6
188 3.4 2.6 4.0

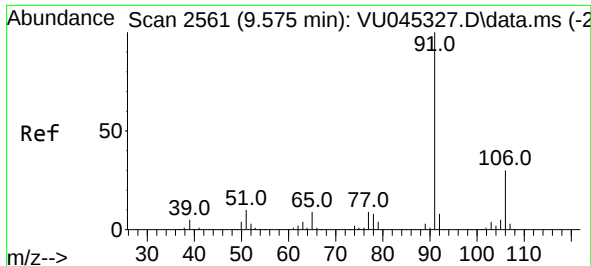


#51
Chlorobenzene
Concen: 179.882 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. 0.003 min
Lab File: VU045329.D
Acq: 19 Oct 2021 14:12



Tgt Ion:112 Resp: 1277086
Ion Ratio Lower Upper
112 100
114 31.7 22.8 42.4
77 62.5 51.3 76.9

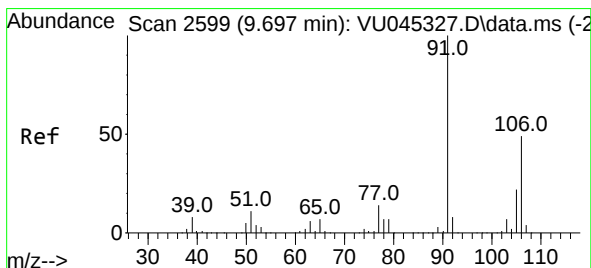
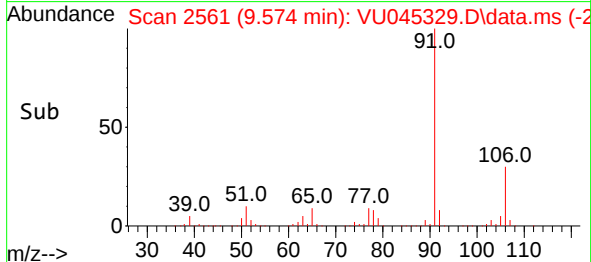
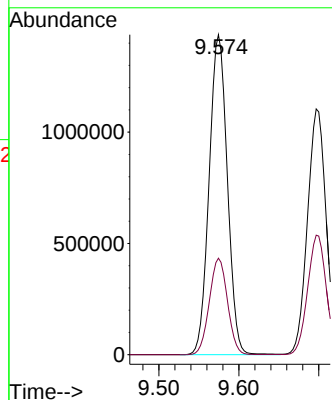
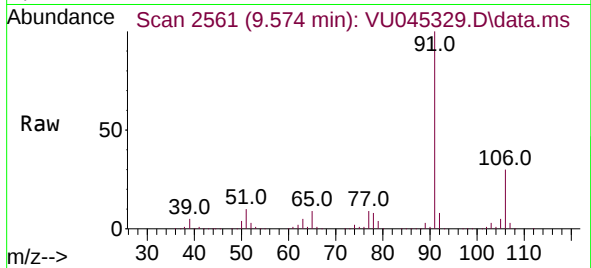




#52
Ethylbenzene
Concen: 187.762 ug/L
RT: 9.574 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU045329.D
Acq: 19 Oct 2021 14:12

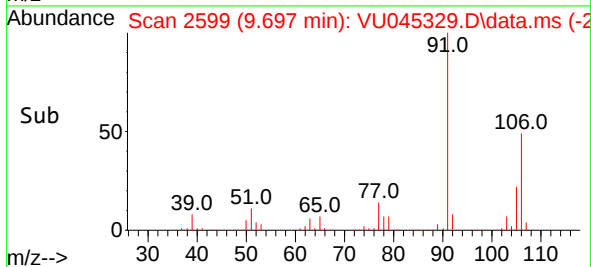
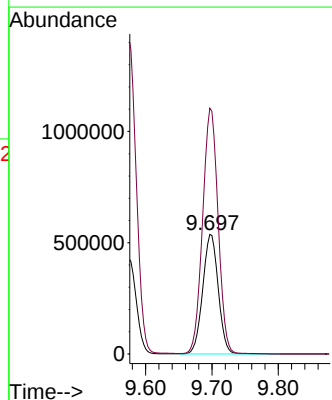
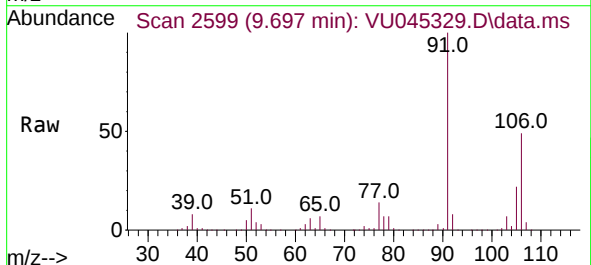
Instrument :
MSVOA_U
ClientSampled :

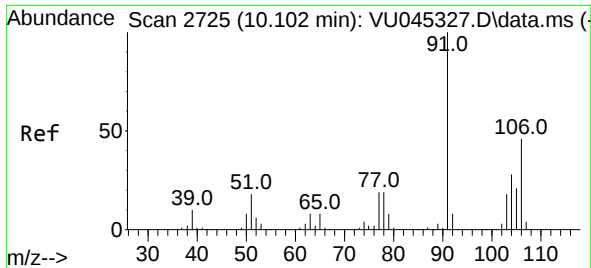
Tgt Ion: 91 Resp: 2275218
Ion Ratio Lower Upper
91 100
106 30.1 21.1 39.3



#53
m,p-Xylene
Concen: 190.229 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU045329.D
Acq: 19 Oct 2021 14:12

Tgt Ion:106 Resp: 873706
Ion Ratio Lower Upper
106 100
91 205.8 144.4 268.2

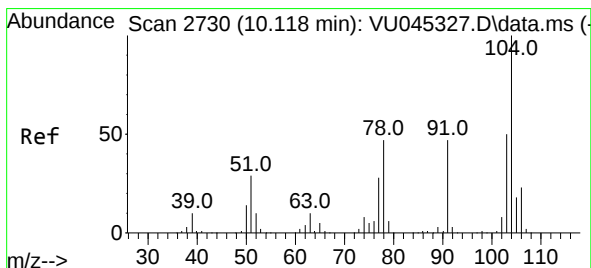
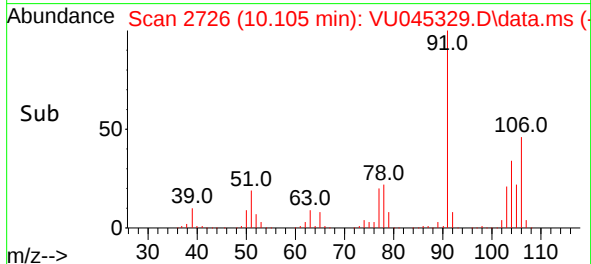
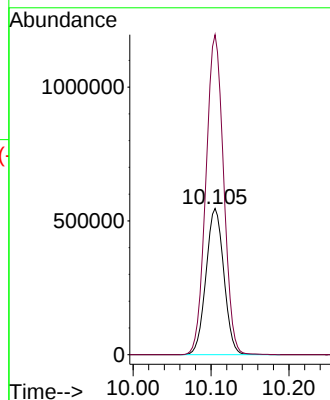
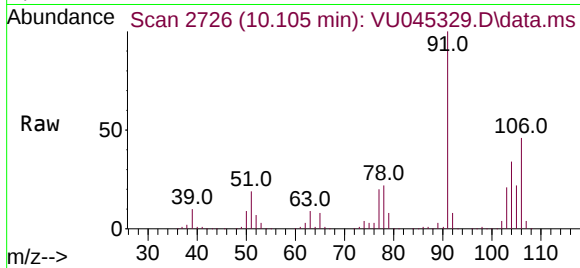




#54
o-xylene
Concen: 192.370 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. 0.003 min
Lab File: VU045329.D
Acq: 19 Oct 2021 14:12

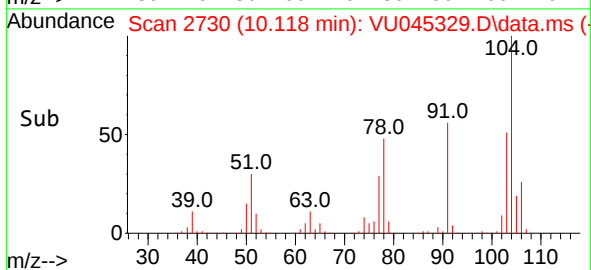
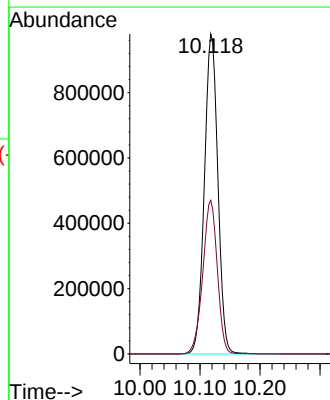
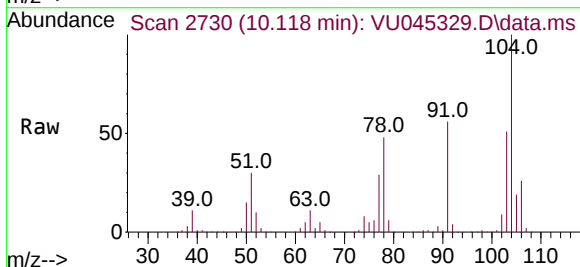
Instrument :
MSVOA_U
ClientSampled :

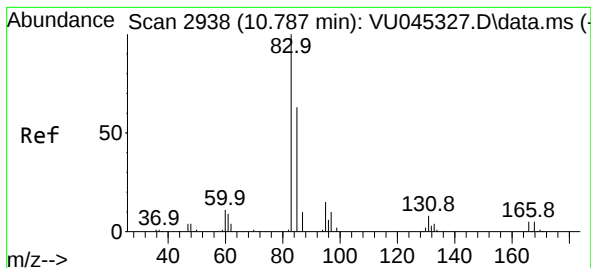
Tgt Ion:106 Resp: 869674
Ion Ratio Lower Upper
106 100
91 218.8 151.1 280.5



#55
Styrene
Concen: 197.653 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. -0.000 min
Lab File: VU045329.D
Acq: 19 Oct 2021 14:12

Tgt Ion:104 Resp: 1535877
Ion Ratio Lower Upper
104 100
78 48.0 32.7 60.7

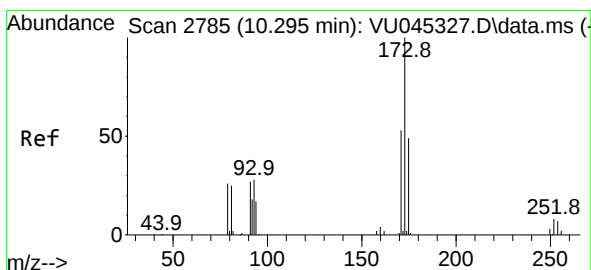
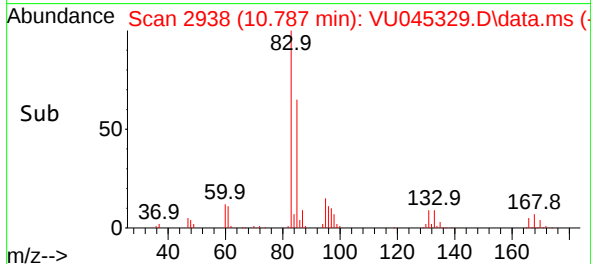
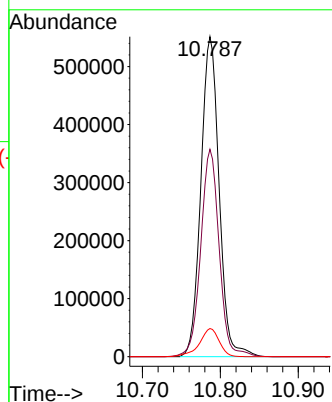
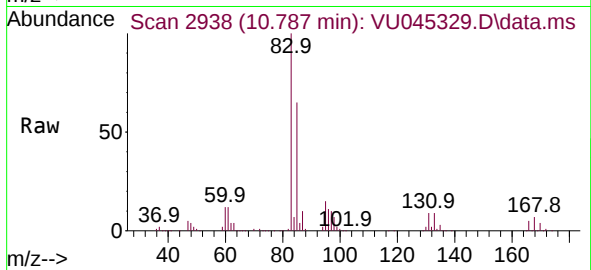




#57
1,1,2,2-Tetrachloroethane
Concen: 168.395 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. -0.000 min
Lab File: VU045329.D
Acq: 19 Oct 2021 14:12

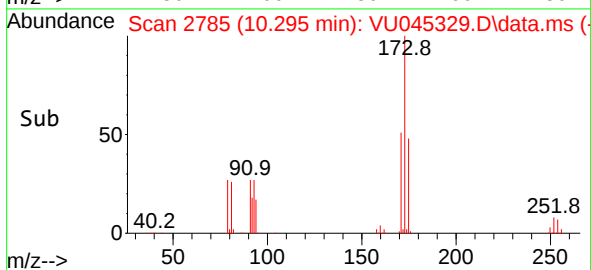
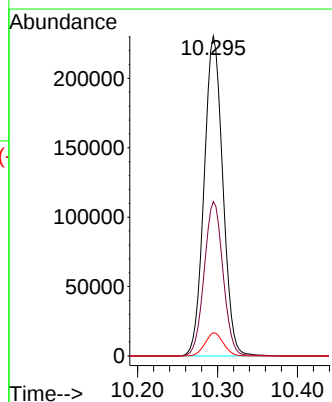
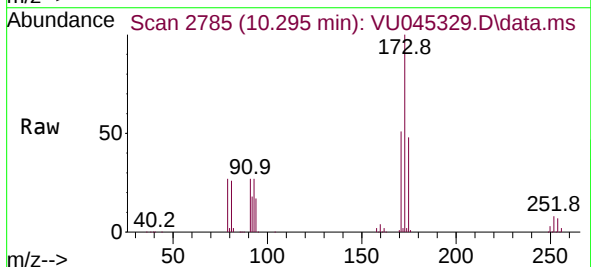
Instrument :
MSVOA_U
ClientSampleId :

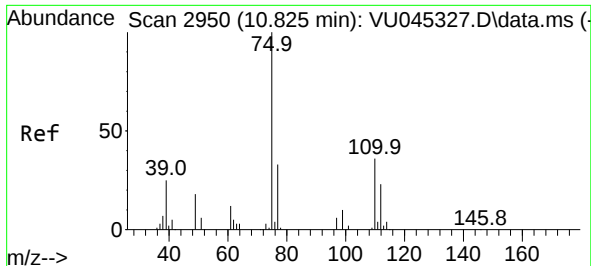
Tgt Ion: 83 Resp: 896313
Ion Ratio Lower Upper
83 100
85 64.8 44.4 82.5
131 8.8 6.8 10.2



#59
Bromoform
Concen: 189.926 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. -0.000 min
Lab File: VU045329.D
Acq: 19 Oct 2021 14:12

Tgt Ion:173 Resp: 375165
Ion Ratio Lower Upper
173 100
175 48.5 39.3 58.9
254 7.1 5.8 8.6

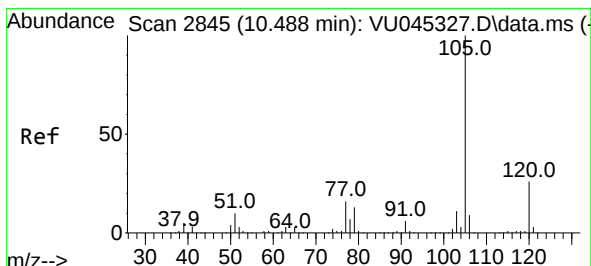
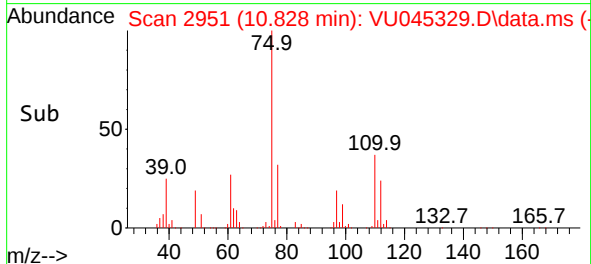
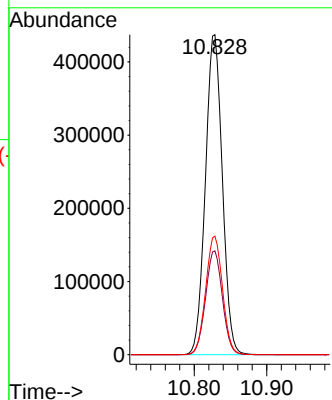
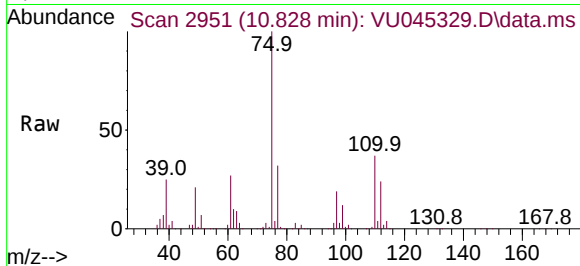




#60
1,2,3-Trichloropropane
Concen: 162.032 ug/L
RT: 10.828 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VU045329.D
Acq: 19 Oct 2021 14:12

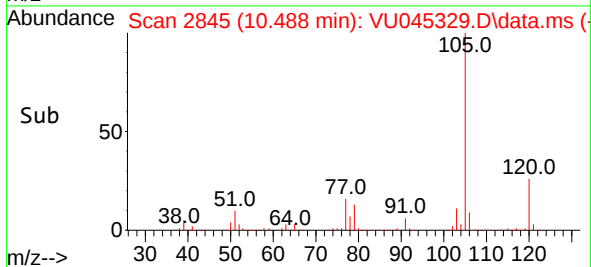
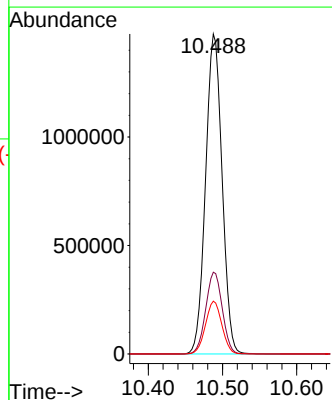
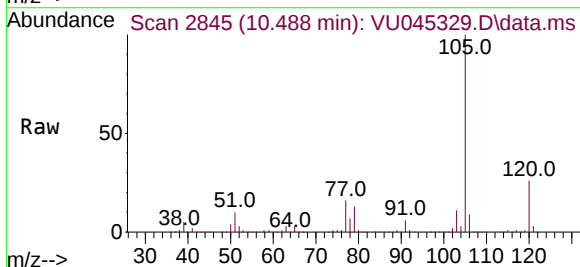
Instrument :
MSVOA_U
ClientSampleId :

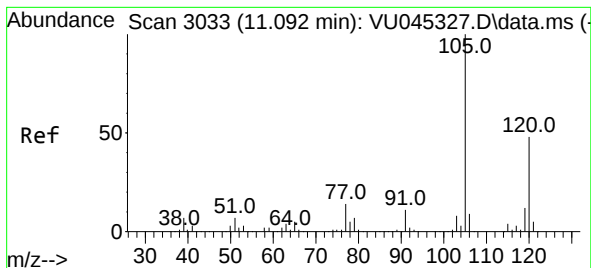
Tgt Ion:	75	Resp:	709777
Ion	Ratio	Lower	Upper
75	100		
77	32.3	26.0	39.0
110	36.9	28.8	43.2



#61
Isopropylbenzene
Concen: 194.320 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. -0.000 min
Lab File: VU045329.D
Acq: 19 Oct 2021 14:12

Tgt Ion:	105	Resp:	2270115
Ion	Ratio	Lower	Upper
105	100		
120	25.7	20.5	30.7
77	16.4	13.2	19.8

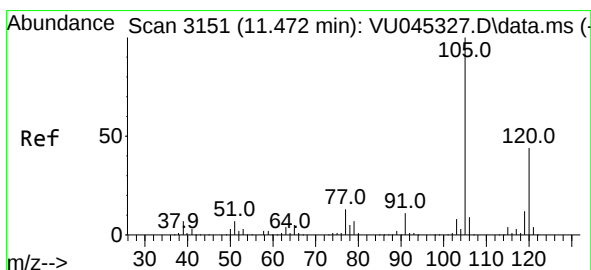
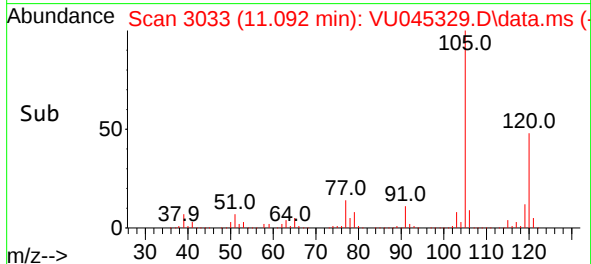
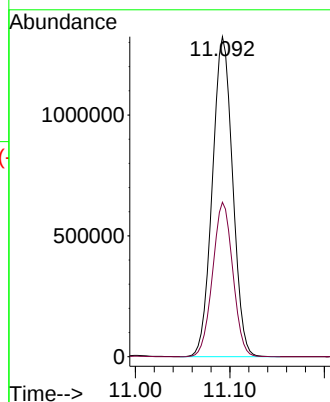
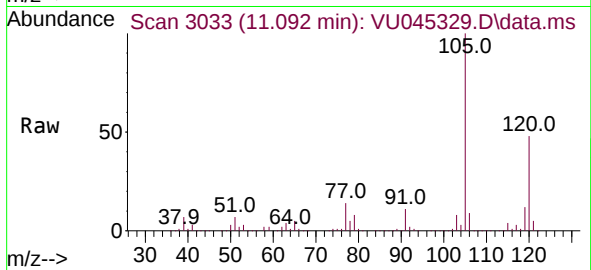




#62
1,3,5-Trimethylbenzene
Concen: 201.806 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. -0.000 min
Lab File: VU045329.D
Acq: 19 Oct 2021 14:12

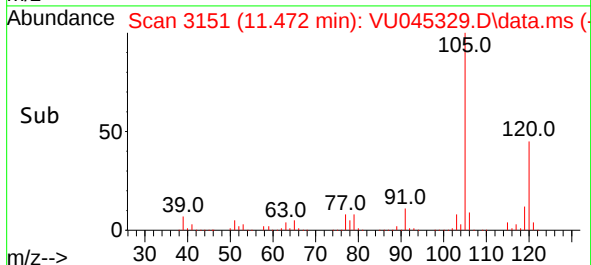
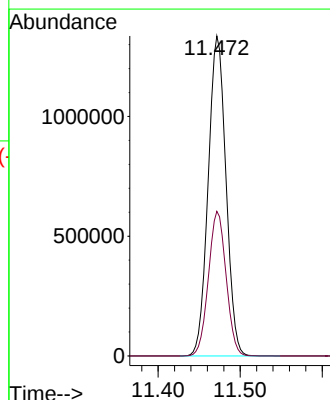
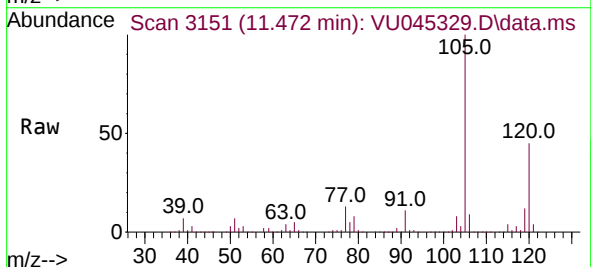
Instrument :
MSVOA_U
ClientSampleId :

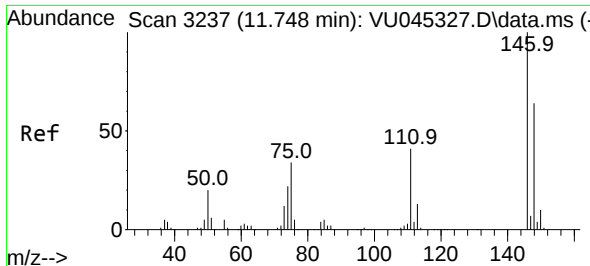
Tgt Ion:105 Resp: 1971209
Ion Ratio Lower Upper
105 100
120 48.1 38.2 57.2



#63
1,2,4-Trimethylbenzene
Concen: 201.839 ug/L
RT: 11.472 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VU045329.D
Acq: 19 Oct 2021 14:12

Tgt Ion:105 Resp: 2013881
Ion Ratio Lower Upper
105 100
120 45.0 35.5 53.3

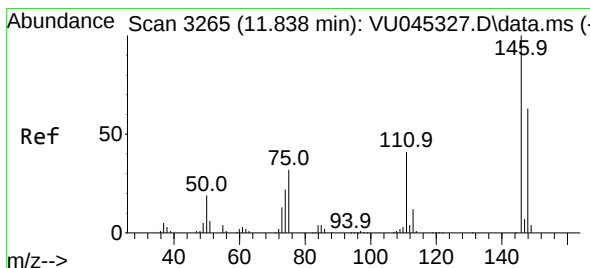
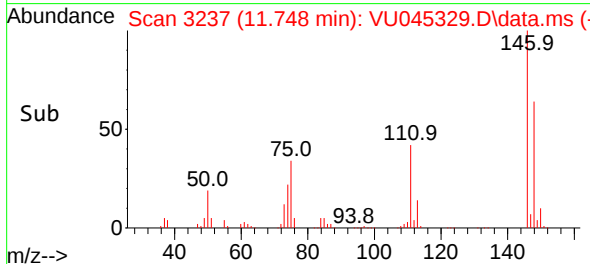
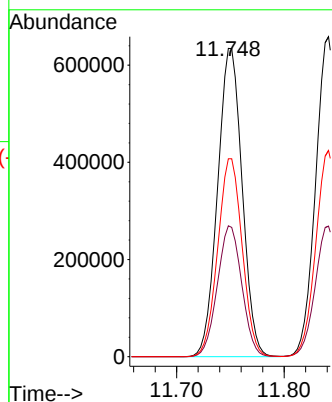
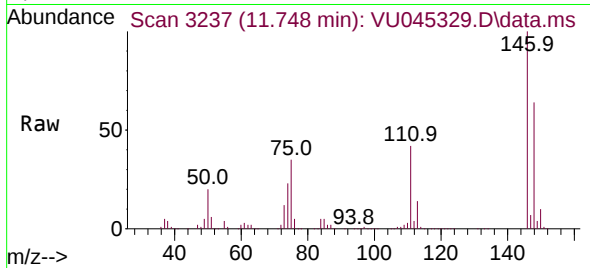




#64
1,3-Dichlorobenzene
Concen: 185.041 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. -0.000 min
Lab File: VU045329.D
Acq: 19 Oct 2021 14:12

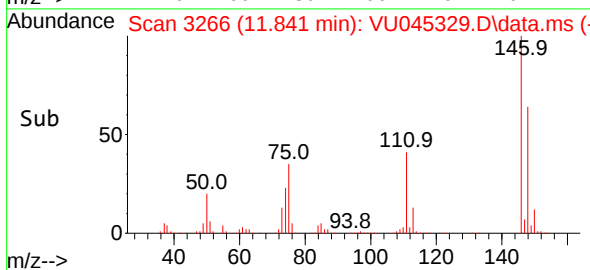
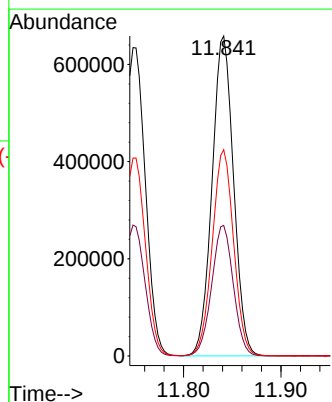
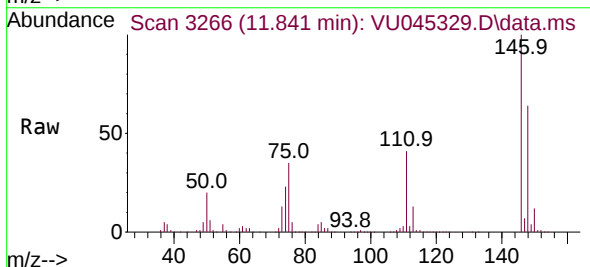
Instrument :
MSVOA_U
ClientSampleId :

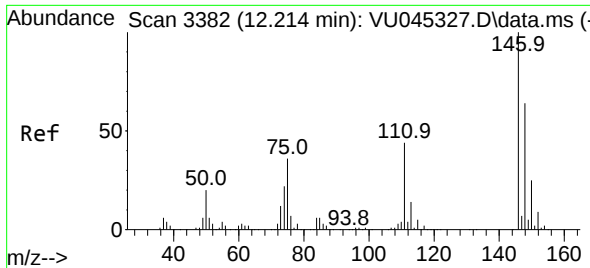
Tgt Ion:146 Resp: 1005413
Ion Ratio Lower Upper
146 100
111 42.4 29.0 53.9
148 64.2 45.0 83.6



#65
1,4-Dichlorobenzene
Concen: 181.436 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. 0.003 min
Lab File: VU045329.D
Acq: 19 Oct 2021 14:12

Tgt Ion:146 Resp: 1009669
Ion Ratio Lower Upper
146 100
111 40.8 28.6 53.2
148 64.5 44.2 82.0

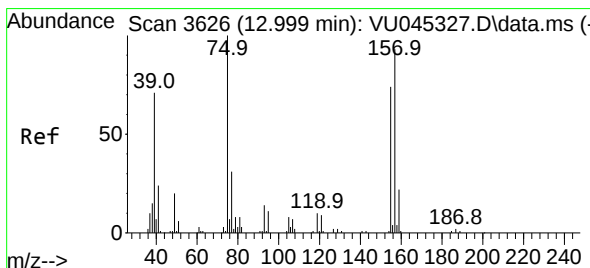
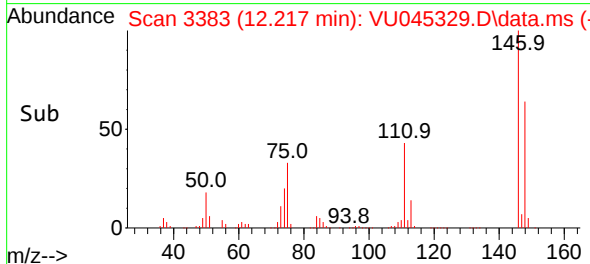
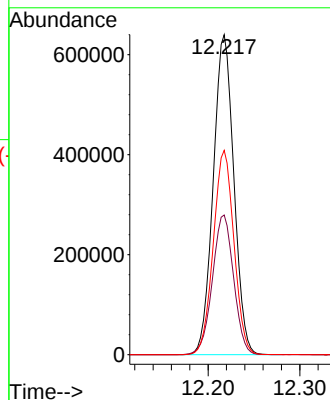
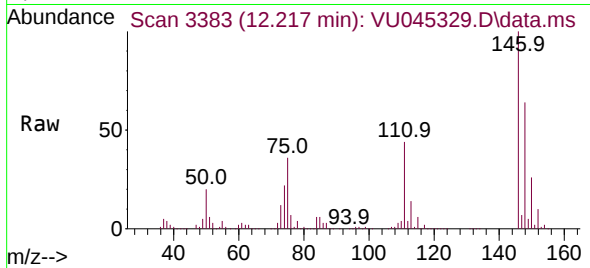




#67
1,2-Dichlorobenzene
Concen: 180.265 ug/L
RT: 12.217 min Scan# 3383
Delta R.T. 0.003 min
Lab File: VU045329.D
Acq: 19 Oct 2021 14:12

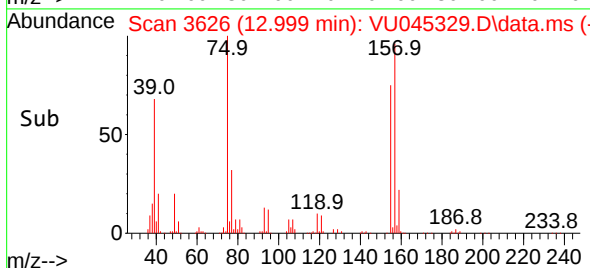
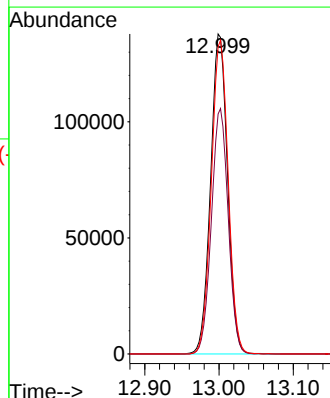
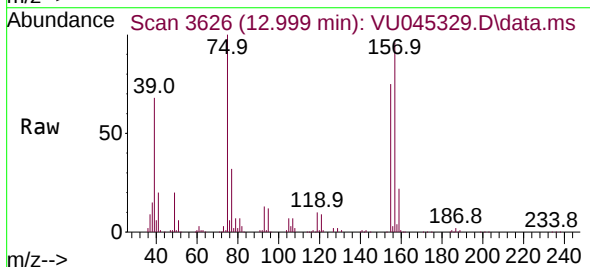
Instrument :
MSVOA_U
ClientSampleId :

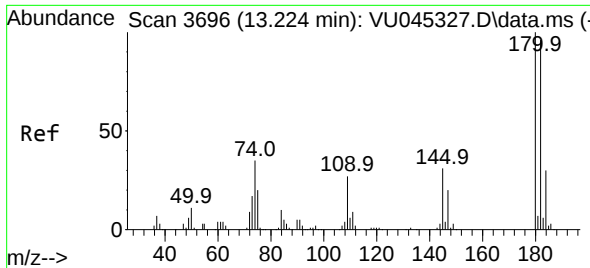
Tgt Ion:146 Resp: 1000390
Ion Ratio Lower Upper
146 100
111 43.6 35.2 52.8
148 63.8 50.8 76.2



#68
1,2-Dibromo-3-chloropropane
Concen: 175.595 ug/L
RT: 12.999 min Scan# 3626
Delta R.T. -0.000 min
Lab File: VU045329.D
Acq: 19 Oct 2021 14:12

Tgt Ion: 75 Resp: 218484
Ion Ratio Lower Upper
75 100
155 75.0 61.9 92.9
157 96.0 74.1 111.1



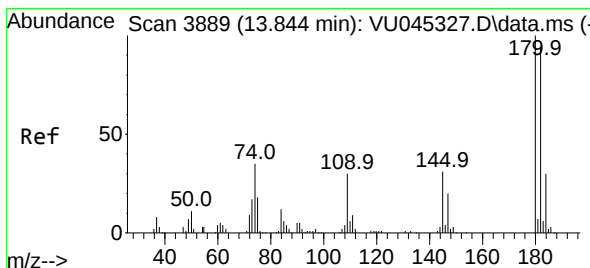
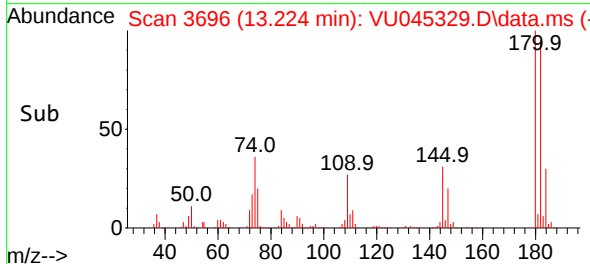
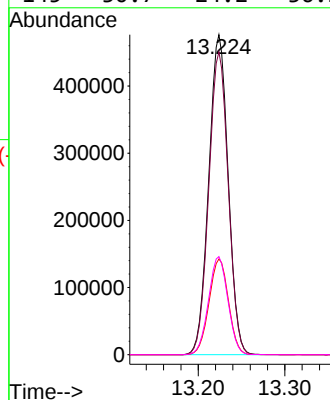
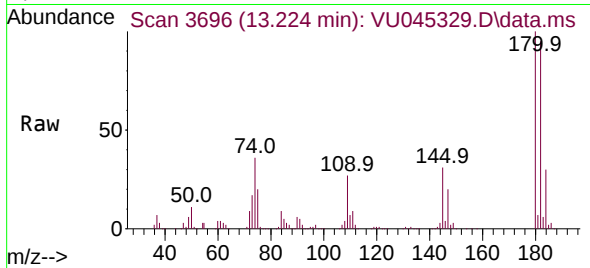


#69
 1,3,5-Trichlorobenzene
 Concen: 197.561 ug/L
 RT: 13.224 min Scan# 3696
 Delta R.T. -0.000 min
 Lab File: VU045329.D
 Acq: 19 Oct 2021 14:12

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion:180 Resp: 741122

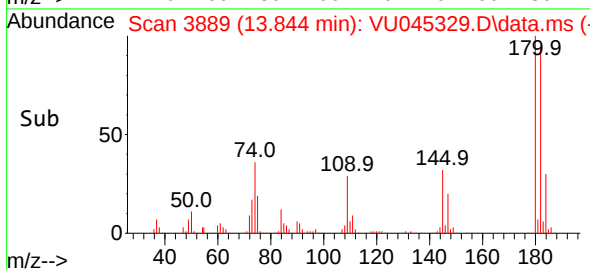
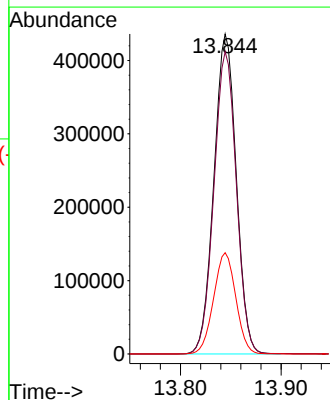
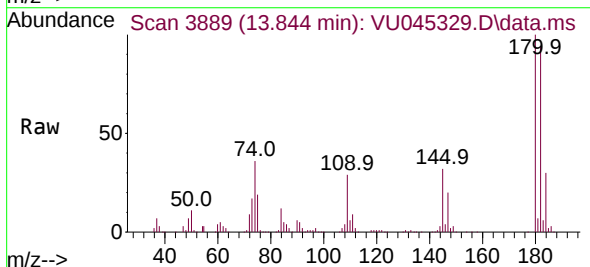
Ion	Ratio	Lower	Upper
180	100		
182	94.8	76.0	114.0
184	30.0	23.8	35.8
145	30.7	24.2	36.2

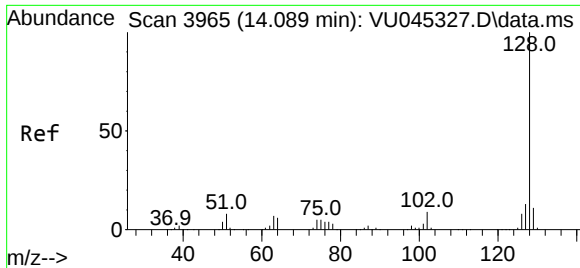


#70
 1,2,4-trichlorobenzene
 Concen: 216.675 ug/L
 RT: 13.844 min Scan# 3889
 Delta R.T. -0.000 min
 Lab File: VU045329.D
 Acq: 19 Oct 2021 14:12

Tgt Ion:180 Resp: 673246

Ion	Ratio	Lower	Upper
180	100		
182	94.9	75.7	113.5
145	31.5	25.1	37.7

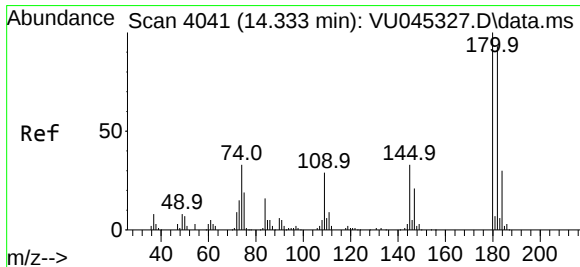
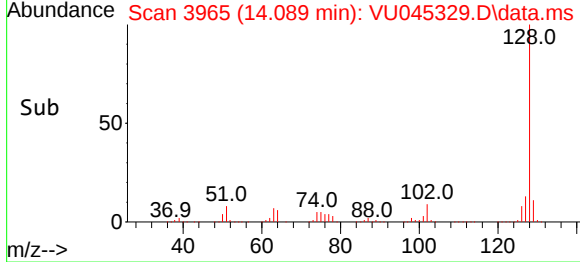
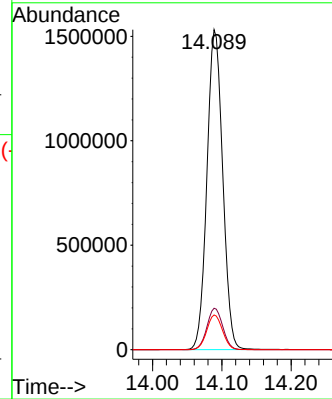
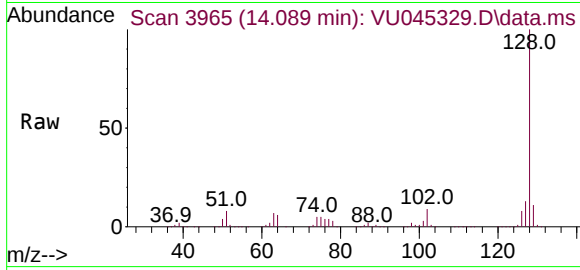




#71
Naphthalene
Concen: 226.399 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU045329.D
Acq: 19 Oct 2021 14:12

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:128 Resp: 2413234
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 10.9 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 207.350 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. -0.000 min
Lab File: VU045329.D
Acq: 19 Oct 2021 14:12

Tgt Ion:180 Resp: 655692
Ion Ratio Lower Upper
180 100
182 95.1 75.0 112.4
145 33.4 26.4 39.6

