

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101921\
 Data File : VU045327.D
 Acq On : 19 Oct 2021 13:11
 Operator : SY/MD
 Sample : VSTD05021
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 20 02:47:49 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	308767	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	303868	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	155534	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	66410	22.193	ug/L	0.00
7) Chloroethane-d5	1.912	69	63711	26.512	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.575	63	129199	25.433	ug/L	0.00
21) 2-Butanone-d5	4.626	46	203116	79.518	ug/L	0.00
24) Chloroform-d	5.070	84	178231	35.638	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.707	65	120426	35.489	ug/L	0.00
32) Benzene-d6	5.732	84	289130	30.248	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.697	67	111280	34.855	ug/L	0.00
41) Toluene-d8	7.903	98	243530	29.666	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	56466	39.038	ug/L	0.00
47) 2-Hexanone-d5	8.636	63	144505	79.744	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.761	84	203913	39.578	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	130924	40.317	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	106817	37.910	ug/L	100
3) Chloromethane	1.523	50	122725	35.386	ug/L	100
5) Vinyl chloride	1.604	62	134224	38.839	ug/L	100
6) Bromomethane	1.855	94	70351	41.308	ug/L	100
8) Chloroethane	1.935	64	84553	38.959	ug/L	100
9) Trichlorofluoromethane	2.141	101	160507	40.382	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	103421	41.011	ug/L	100
12) 1,1-Dichloroethene	2.581	96	96048	41.683	ug/L	100
13) Acetone	2.629	43	223404	76.880	ug/L	100
14) Carbon disulfide	2.797	76	264072	36.505	ug/L	100
15) Methyl Acetate	2.951	43	138071	38.067	ug/L	100
16) Methylene chloride	3.051	84	120348	40.936	ug/L	100
17) trans-1,2-Dichloroethene	3.356	96	101447	41.714	ug/L	100
18) Methyl tert-butyl Ether	3.369	73	366994	45.107	ug/L	100
19) 1,1-Dichloroethane	3.874	63	211104	41.680	ug/L	100
20) cis-1,2-Dichloroethene	4.671	96	119050	43.980	ug/L	100
22) 2-Butanone	4.707	43	254585	77.670	ug/L	100
23) Bromochloromethane	4.980	128	58333	42.544	ug/L	100
25) Chloroform	5.092	83	216789	42.734	ug/L	100
27) 1,2-Dichloroethane	5.800	62	172047	40.983	ug/L	100
29) Cyclohexane	5.391	56	177043	40.912	ug/L	100
30) 1,1,1-Trichloroethane	5.321	97	172326	42.547	ug/L	100
31) Carbon tetrachloride	5.530	117	133774	41.846	ug/L	100
33) Benzene	5.777	78	461113	42.532	ug/L	100
34) Trichloroethene	6.546	95	113260	43.198	ug/L	100
35) Methylcyclohexane	6.768	83	177626	41.248	ug/L	100
37) 1,2-Dichloropropane	6.797	63	124600	42.124	ug/L	100
38) Bromodichloromethane	7.108	83	158041	43.350	ug/L	100
39) cis-1,3-Dichloropropene	7.610	75	190102	44.568	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	386309	79.159	ug/L	100
42) Toluene	7.973	91	480625	43.570	ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	182476	44.946	ug/L	100

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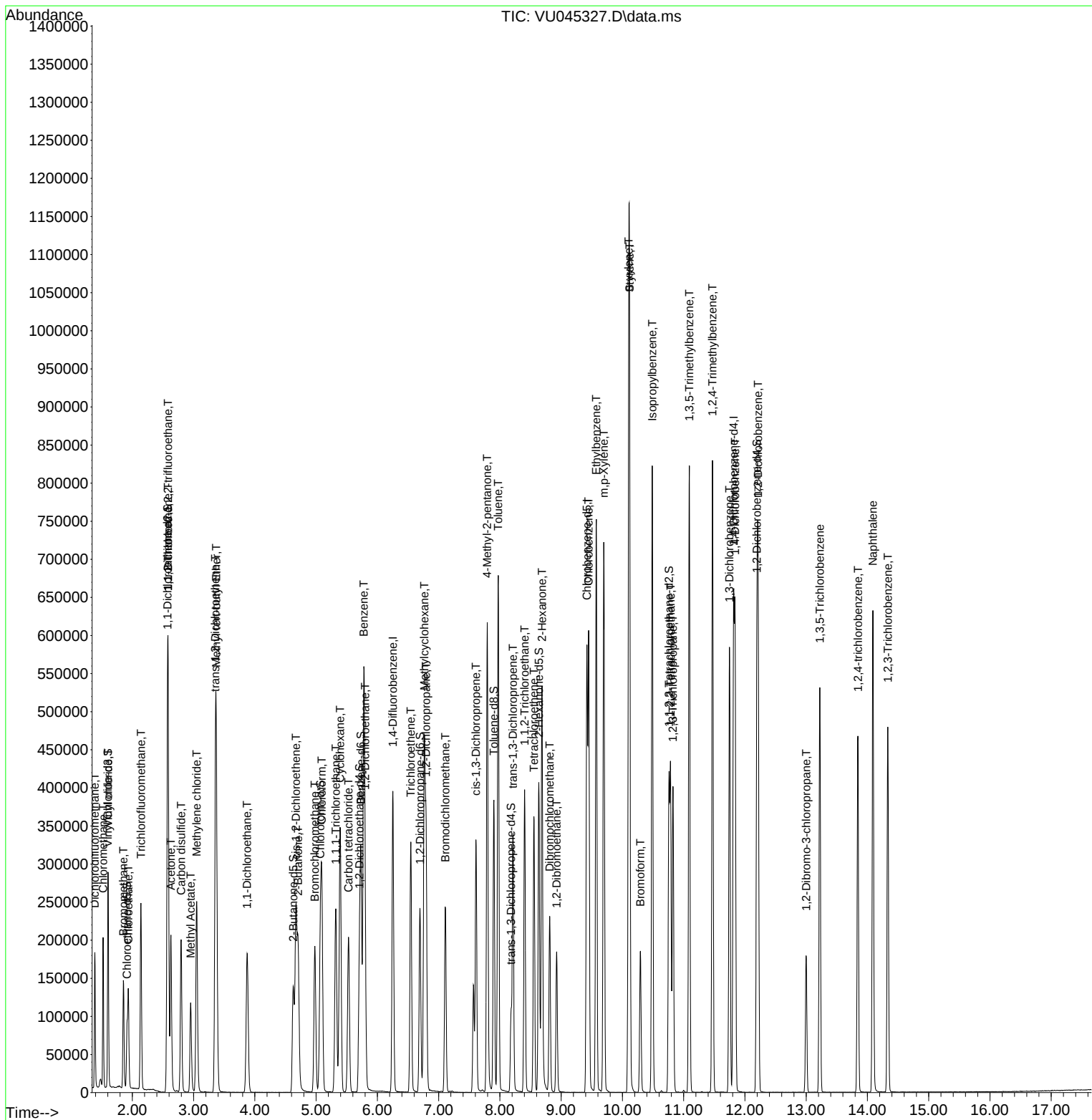
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 ClientSampleId :

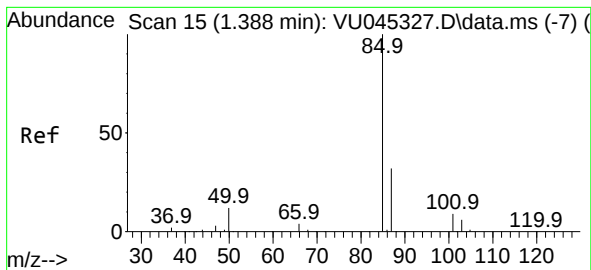
Quant Time: Oct 20 02:47:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 20 02:46:04 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.404	97	119403	44.056	ug/L	100
46) Tetrachloroethene	8.555	164	77119	41.416	ug/L	100
48) 2-Hexanone	8.687	43	335099	77.949	ug/L	100
49) Dibromochloromethane	8.813	129	115445	43.159	ug/L	100
50) 1,2-Dibromoethane	8.925	107	122265	43.238	ug/L	100
51) Chlorobenzene	9.449	112	297863	43.253	ug/L	100
52) Ethylbenzene	9.575	91	522723	44.472	ug/L	100
53) m,p-Xylene	9.697	106	200509	45.007	ug/L	100
54) o-xylene	10.102	106	201244	45.892	ug/L	100
55) Styrene	10.118	104	347128	46.054	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.787	83	207809	40.250	ug/L	100
59) Bromoform	10.295	173	80722	43.049	ug/L	100
60) 1,2,3-Trichloropropane	10.825	75	168401	40.498	ug/L	100
61) Isopropylbenzene	10.488	105	513595	46.313	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	438717	47.314	ug/L	100
63) 1,2,4-Trimethylbenzene	11.472	105	445230	47.007	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	228750	44.350	ug/L	100
65) 1,4-Dichlorobenzene	11.838	146	229520	43.448	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	228955	43.461	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.999	75	47304	40.050	ug/L	100
69) 1,3,5-Trichlorobenzene	13.224	180	157309	44.175	ug/L	100
70) 1,2,4-trichlorobenzene	13.844	180	134823	45.710	ug/L	100
71) Naphthalene	14.089	128	481049	47.541	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	138769	46.228	ug/L	100

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

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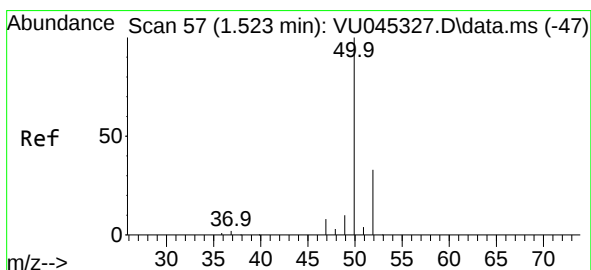
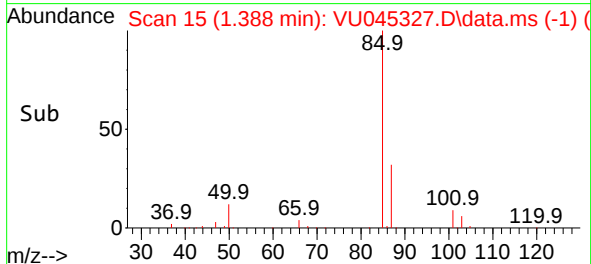
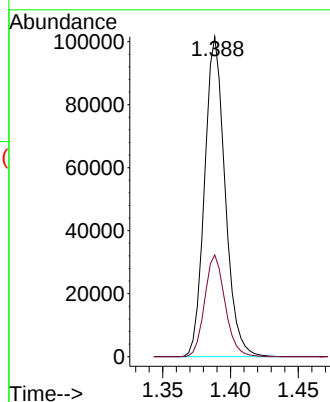
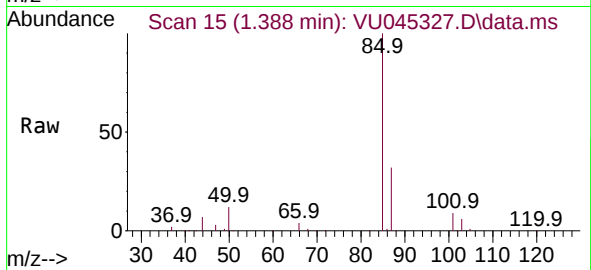




#2
Dichlorodifluoromethane
Concen: 37.910 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU045327.D
Acq: 19 Oct 2021 13:11

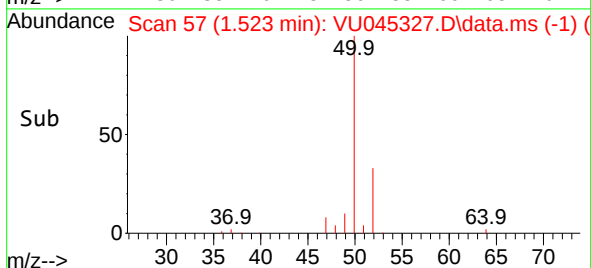
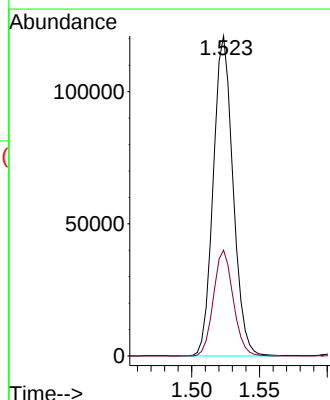
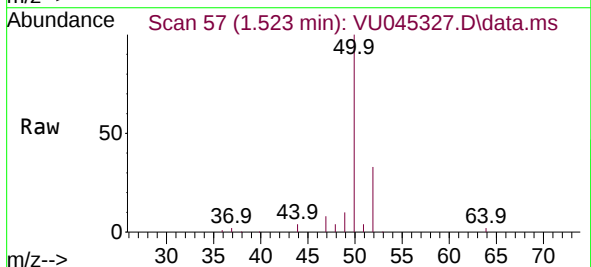
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MSVOA_U
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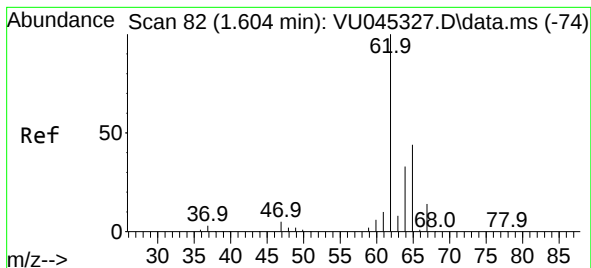
Tgt Ion: 85 Resp: 106817
Ion Ratio Lower Upper
85 100
87 31.6 25.3 37.9



#3
Chloromethane
Concen: 35.386 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU045327.D
Acq: 19 Oct 2021 13:11

Tgt Ion: 50 Resp: 122725
Ion Ratio Lower Upper
50 100
52 33.1 23.2 43.0





#5

Vinyl chloride

Concen: 38.839 ug/L

RT: 1.604 min Scan# 82

Delta R.T. 0.000 min

Lab File: VU045327.D

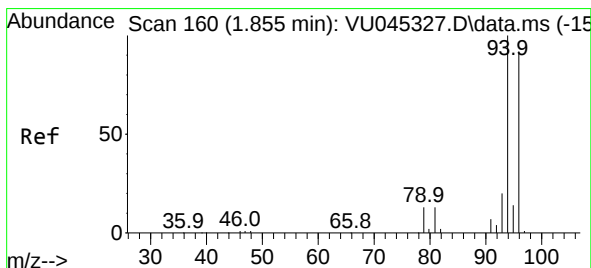
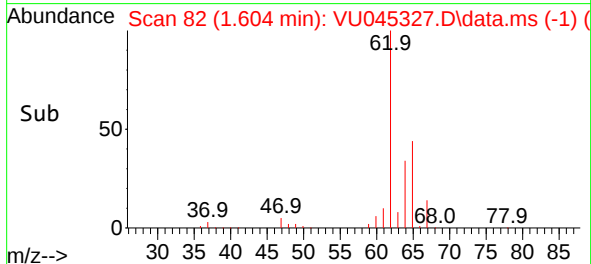
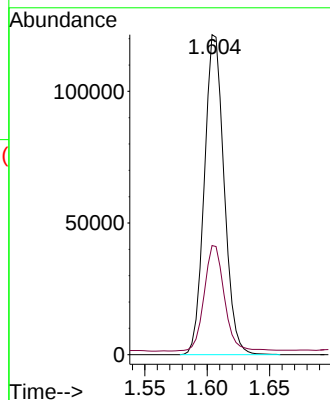
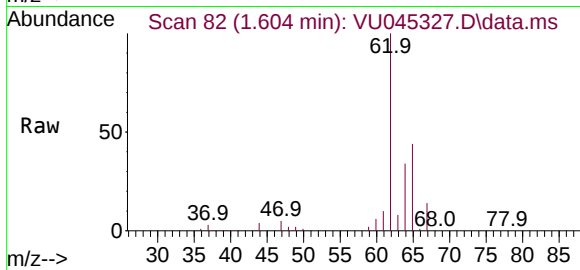
Acq: 19 Oct 2021 13:11

Tgt Ion: 62 Resp: 134224

Ion Ratio Lower Upper

62 100

64 34.1 23.9 44.3



#6

Bromomethane

Concen: 41.308 ug/L

RT: 1.855 min Scan# 160

Delta R.T. 0.000 min

Lab File: VU045327.D

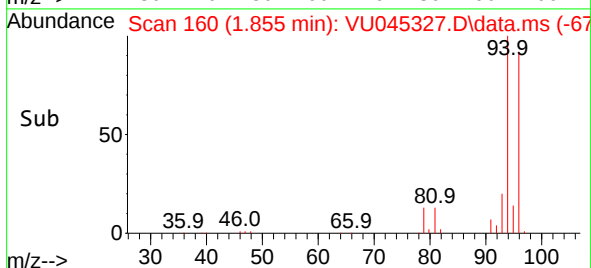
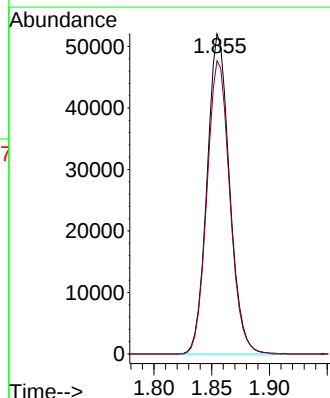
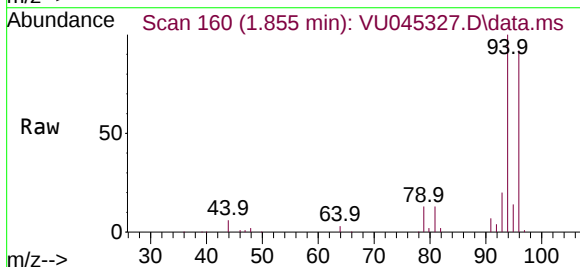
Acq: 19 Oct 2021 13:11

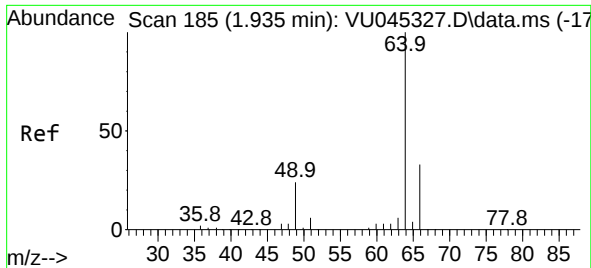
Tgt Ion: 94 Resp: 70351

Ion Ratio Lower Upper

94 100

96 91.6 64.1 119.1

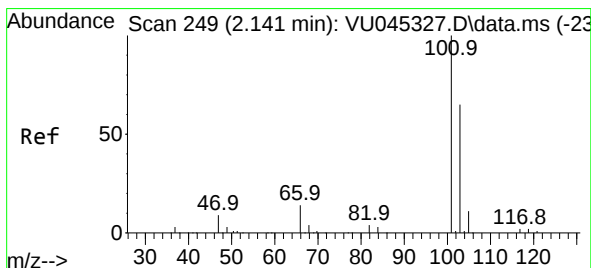
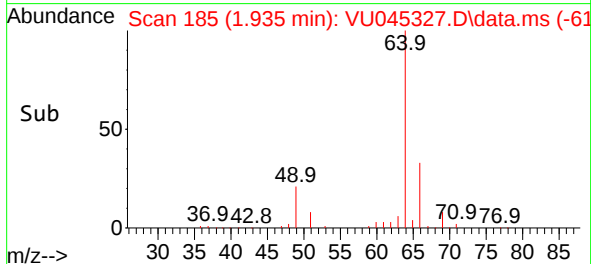
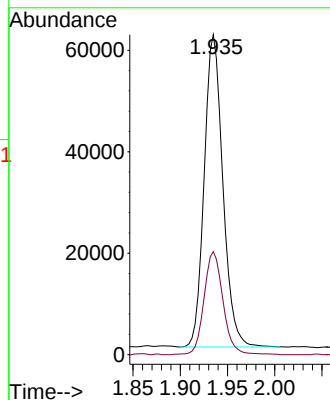
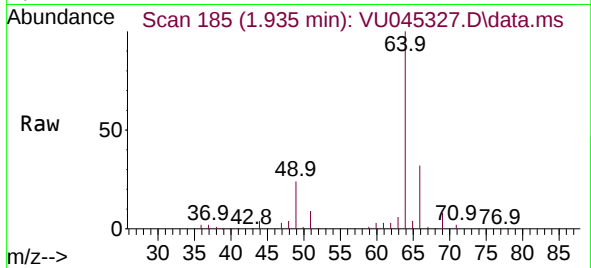




#8
Chloroethane
Concen: 38.959 ug/L
RT: 1.935 min Scan# 185
Delta R.T. 0.000 min
Lab File: VU045327.D
Acq: 19 Oct 2021 13:11

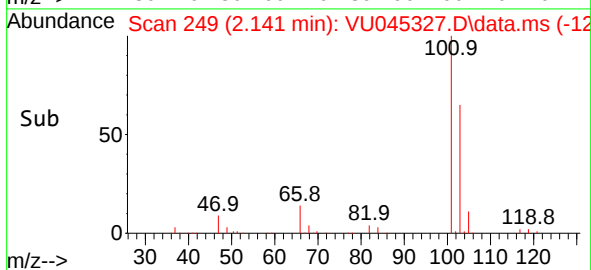
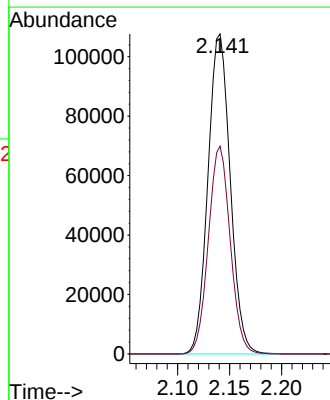
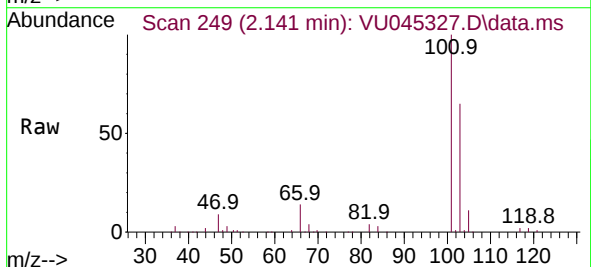
Instrument :
MSVOA_U
ClientSampled :

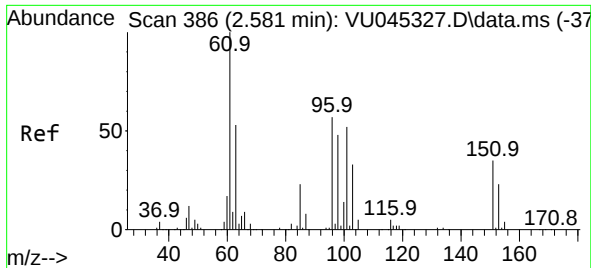
Tgt Ion: 64 Resp: 84553
Ion Ratio Lower Upper
64 100
66 32.2 22.5 41.9



#9
Trichlorofluoromethane
Concen: 40.382 ug/L
RT: 2.141 min Scan# 249
Delta R.T. 0.000 min
Lab File: VU045327.D
Acq: 19 Oct 2021 13:11

Tgt Ion:101 Resp: 160507
Ion Ratio Lower Upper
101 100
103 63.5 50.8 76.2

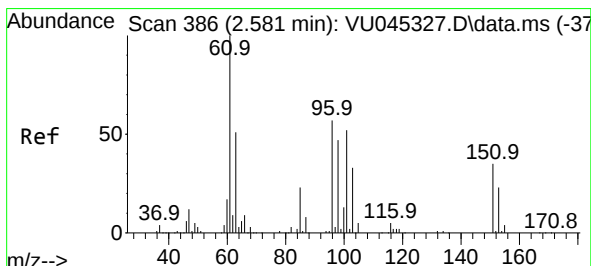
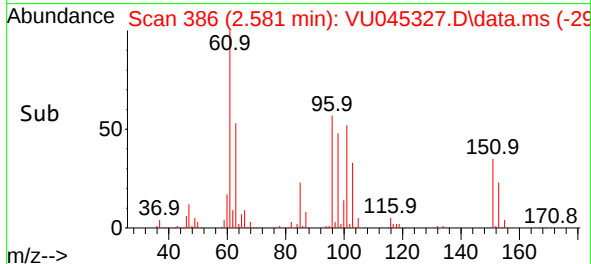
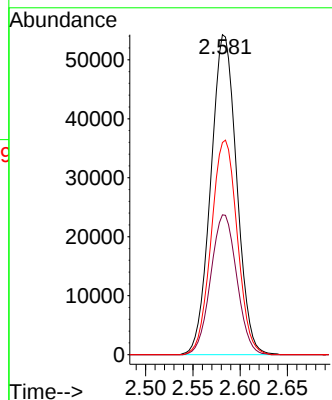
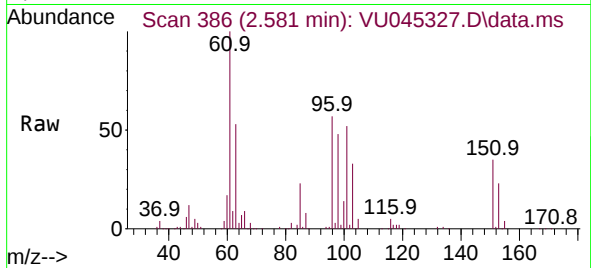




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 41.011 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. 0.000 min
 Lab File: VU045327.D
 Acq: 19 Oct 2021 13:11

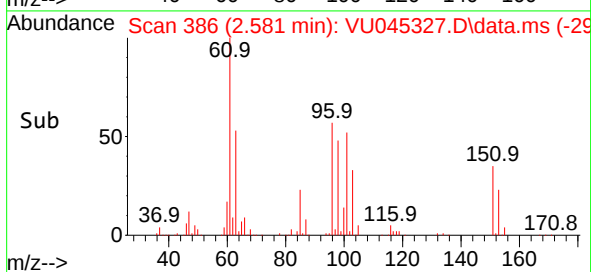
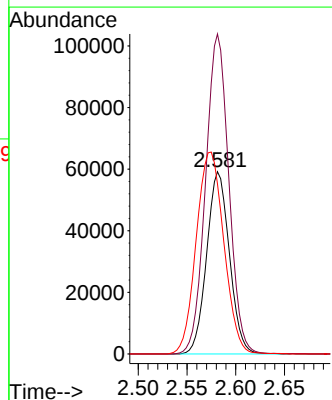
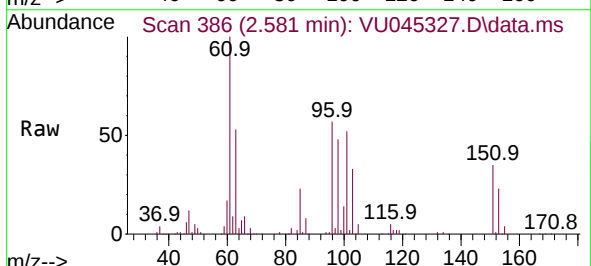
Instrument :
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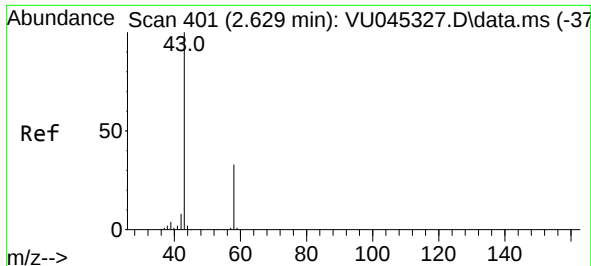
Tgt Ion:101 Resp: 103421
 Ion Ratio Lower Upper
 101 100
 85 44.0 35.2 52.8
 151 67.4 53.9 80.9



#12
 1,1-Dichloroethene
 Concen: 41.683 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. 0.000 min
 Lab File: VU045327.D
 Acq: 19 Oct 2021 13:11

Tgt Ion: 96 Resp: 96048
 Ion Ratio Lower Upper
 96 100
 61 175.6 122.9 228.3
 63 93.3 65.3 121.3

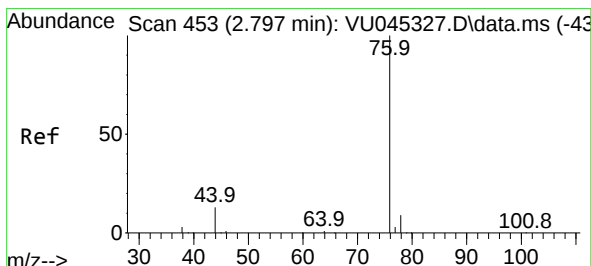
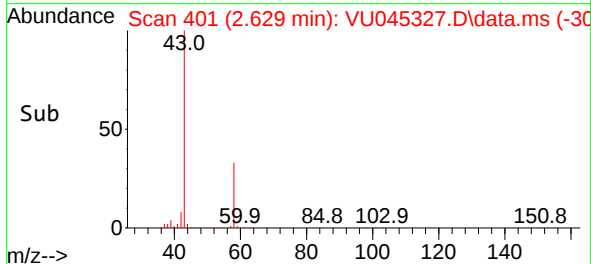
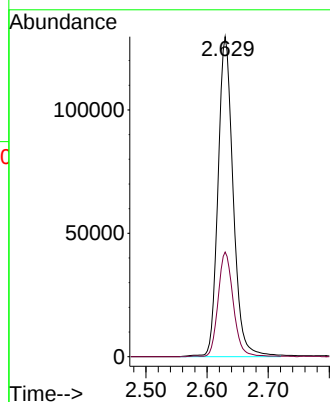
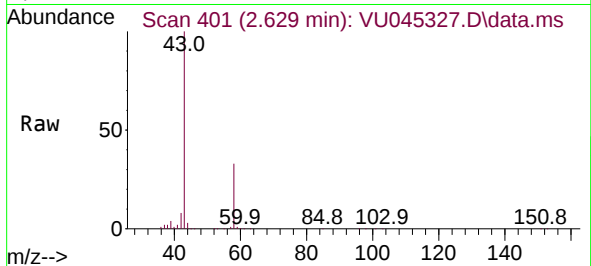




#13
Acetone
Concen: 76.880 ug/L
RT: 2.629 min Scan# 401
Delta R.T. 0.000 min
Lab File: VU045327.D
Acq: 19 Oct 2021 13:11

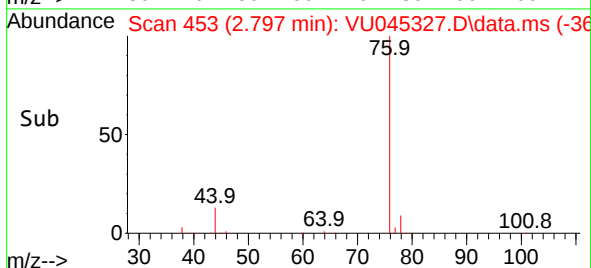
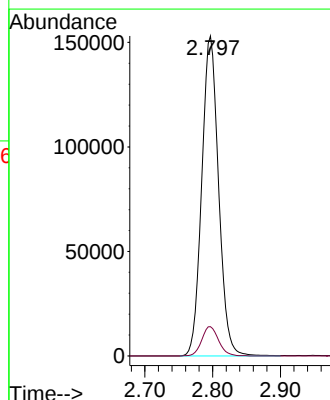
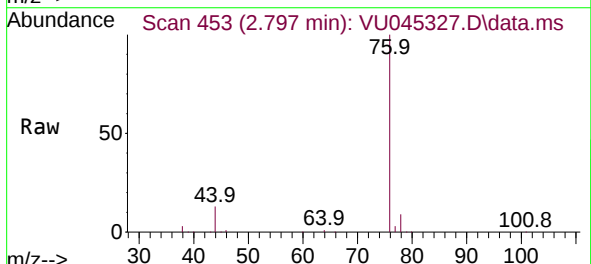
Instrument :
MSVOA_U
ClientSampled :

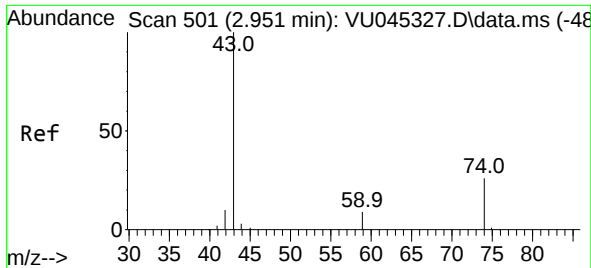
Tgt Ion: 43 Resp: 223404
Ion Ratio Lower Upper
43 100
58 32.4 0.0 64.8



#14
Carbon disulfide
Concen: 36.505 ug/L
RT: 2.797 min Scan# 453
Delta R.T. 0.000 min
Lab File: VU045327.D
Acq: 19 Oct 2021 13:11

Tgt Ion: 76 Resp: 264072
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

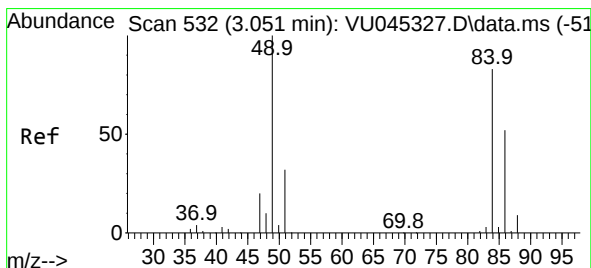
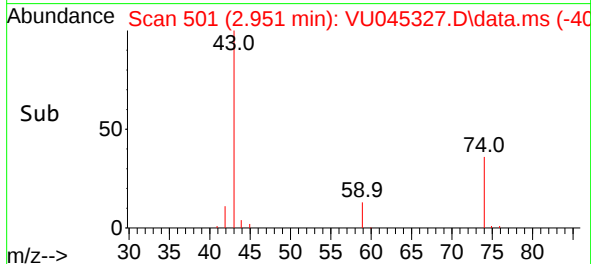
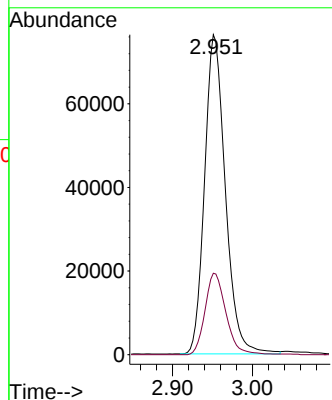
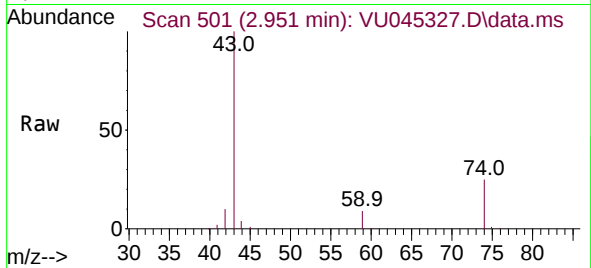




#15
Methyl Acetate
Concen: 38.067 ug/L
RT: 2.951 min Scan# 501
Delta R.T. 0.000 min
Lab File: VU045327.D
Acq: 19 Oct 2021 13:11

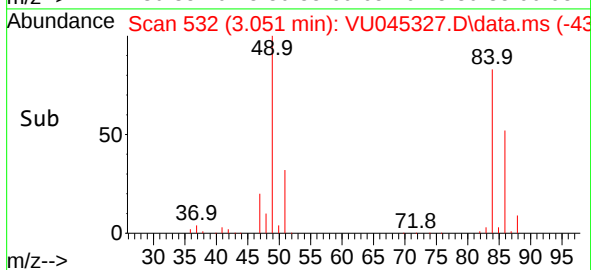
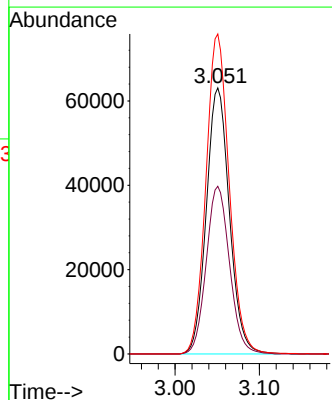
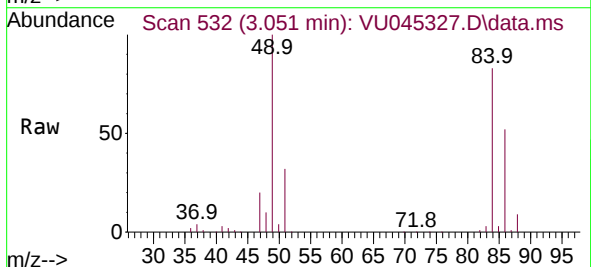
Instrument :
MSVOA_U
ClientSampled :

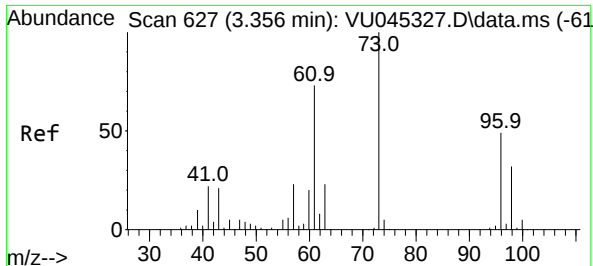
Tgt Ion: 43 Resp: 138071
Ion Ratio Lower Upper
43 100
74 25.6 20.5 30.7



#16
Methylene chloride
Concen: 40.936 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU045327.D
Acq: 19 Oct 2021 13:11

Tgt Ion: 84 Resp: 120348
Ion Ratio Lower Upper
84 100
86 63.0 44.1 81.9
49 120.3 84.2 156.4



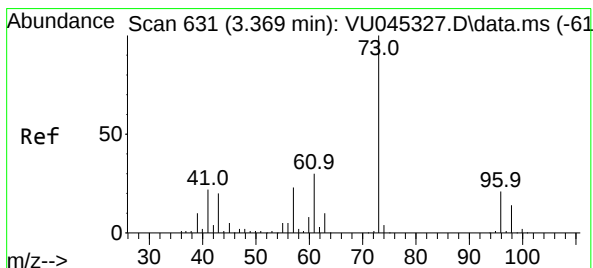
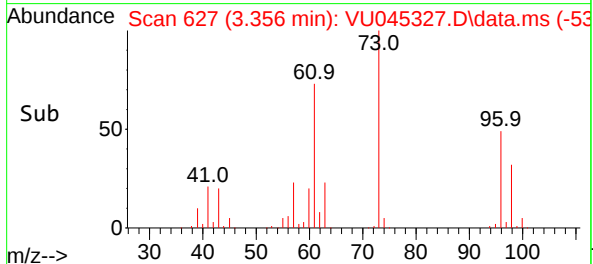
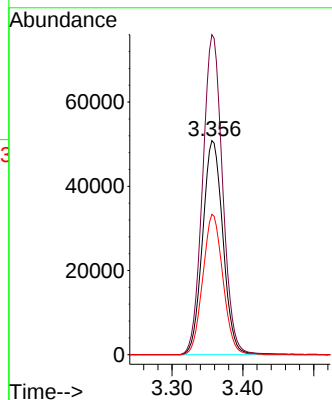
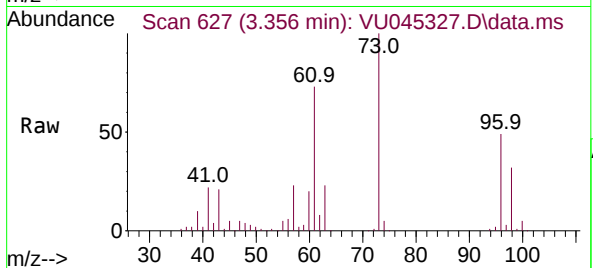


#17

trans-1,2-Dichloroethene
Concen: 41.714 ug/L
RT: 3.356 min Scan# 627
Delta R.T. 0.000 min
Lab File: VU045327.D
Acq: 19 Oct 2021 13:11

Instrument :
MSVOA_U
ClientSampleId :

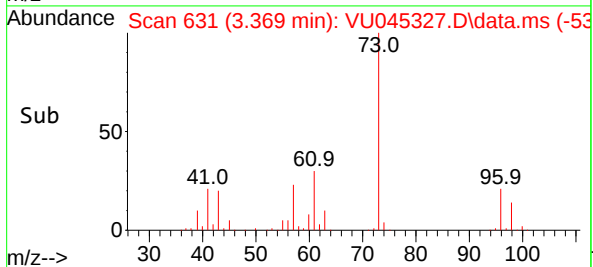
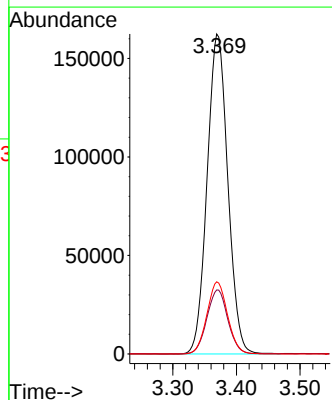
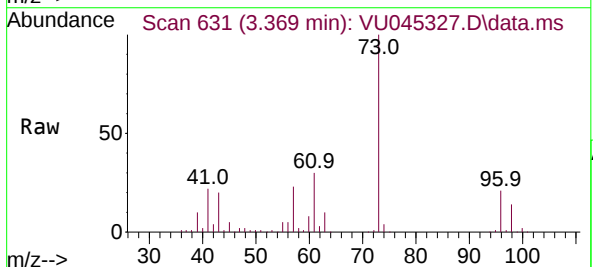
Tgt Ion: 96 Resp: 101447
Ion Ratio Lower Upper
96 100
61 149.5 104.7 194.4
98 65.5 45.8 85.2

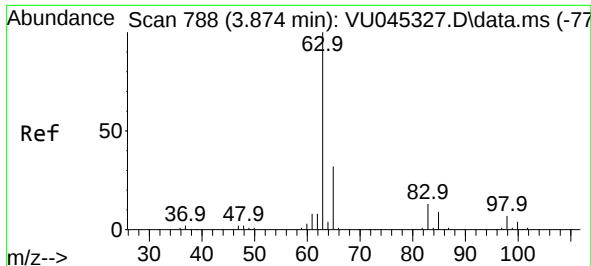


#18

Methyl tert-butyl Ether
Concen: 45.107 ug/L
RT: 3.369 min Scan# 631
Delta R.T. 0.000 min
Lab File: VU045327.D
Acq: 19 Oct 2021 13:11

Tgt Ion: 73 Resp: 366994
Ion Ratio Lower Upper
73 100
43 20.3 16.2 24.4
57 22.4 17.9 26.9





#19

1,1-Dichloroethane

Concen: 41.680 ug/L

RT: 3.874 min Scan# 788

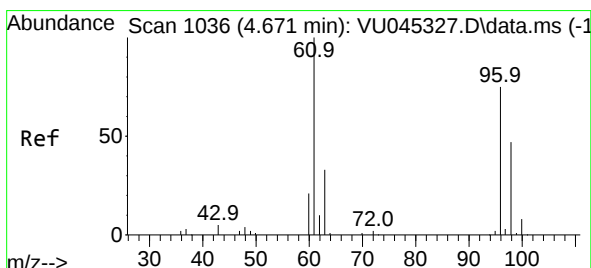
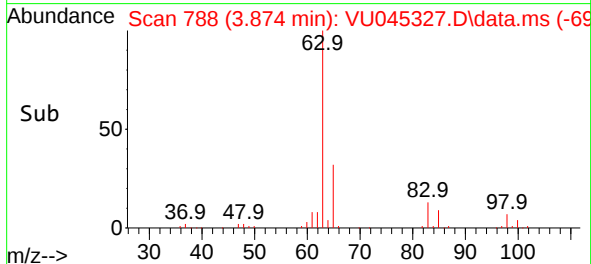
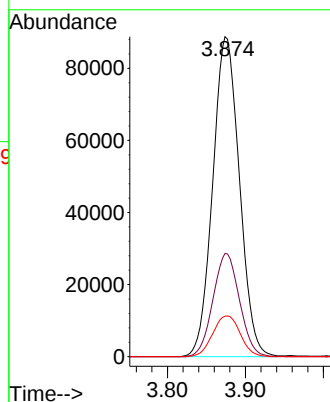
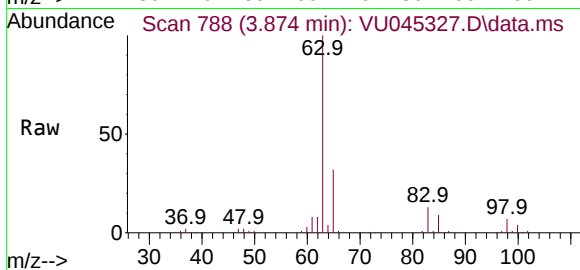
Delta R.T. 0.000 min

Lab File: VU045327.D

Acq: 19 Oct 2021 13:11

Tgt Ion: 63 Resp: 211104

Ion	Ratio	Lower	Upper
63	100		
65	32.2	22.5	41.9
83	12.7	8.9	16.5



#20

cis-1,2-Dichloroethene

Concen: 43.980 ug/L

RT: 4.671 min Scan# 1036

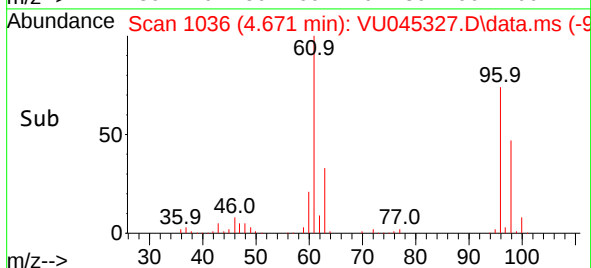
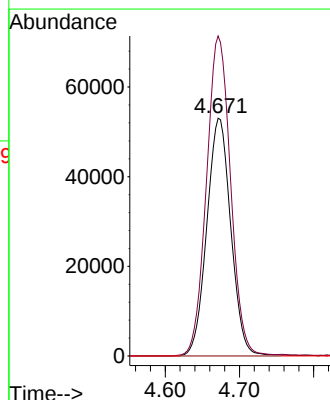
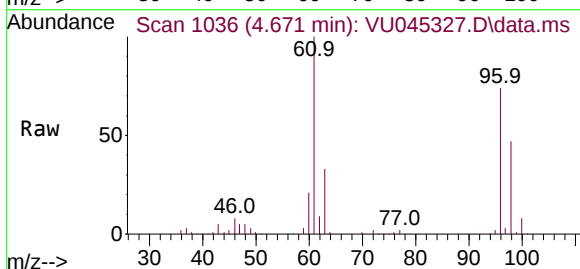
Delta R.T. 0.000 min

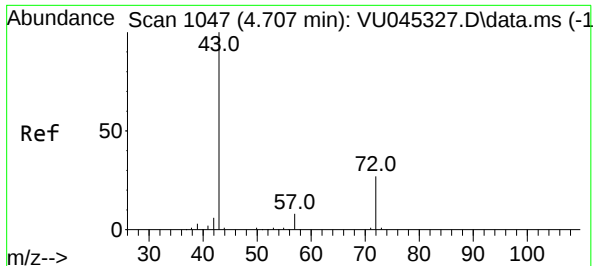
Lab File: VU045327.D

Acq: 19 Oct 2021 13:11

Tgt Ion: 96 Resp: 119050

Ion	Ratio	Lower	Upper
96	100		
61	134.6	94.2	175.0
68	0.0	0.0	0.0

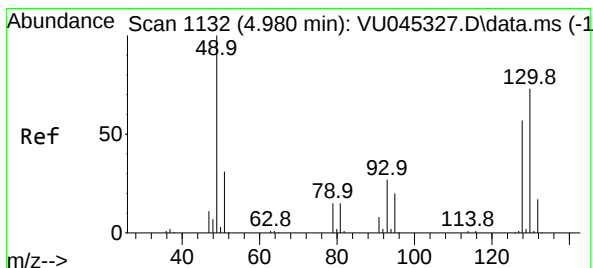
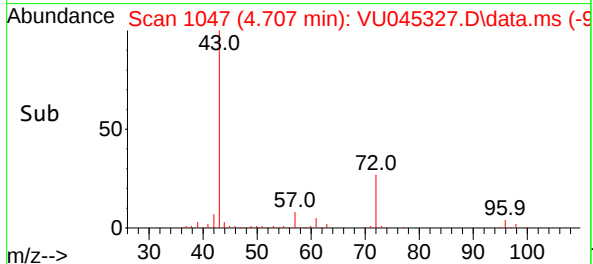
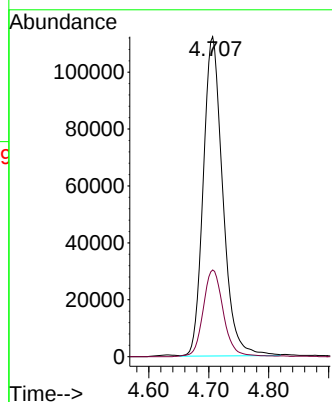
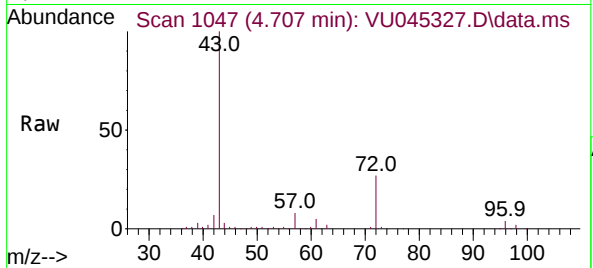




#22
2-Butanone
Concen: 77.670 ug/L
RT: 4.707 min Scan# 1047
Delta R.T. 0.000 min
Lab File: VU045327.D
Acq: 19 Oct 2021 13:11

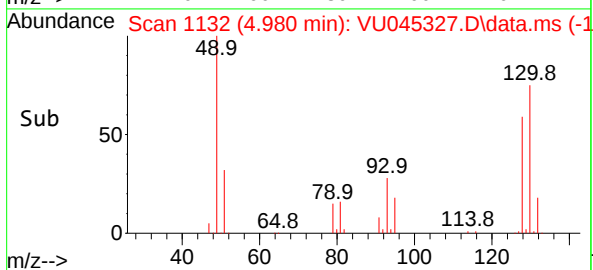
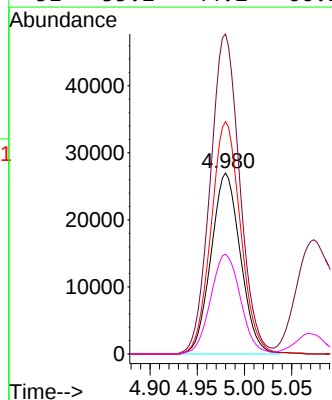
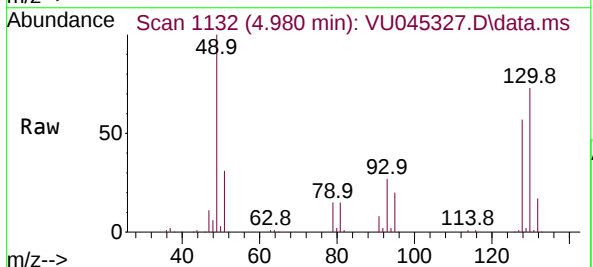
Instrument :
MSVOA_U
ClientSampled :

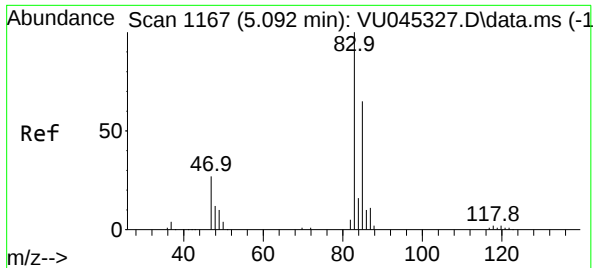
Tgt Ion: 43 Resp: 254585
Ion Ratio Lower Upper
43 100
72 28.1 14.1 42.2



#23
Bromochloromethane
Concen: 42.544 ug/L
RT: 4.980 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VU045327.D
Acq: 19 Oct 2021 13:11

Tgt Ion:128 Resp: 58333
Ion Ratio Lower Upper
128 100
49 176.8 123.8 229.8
130 128.3 89.8 166.8
51 55.2 44.2 66.2



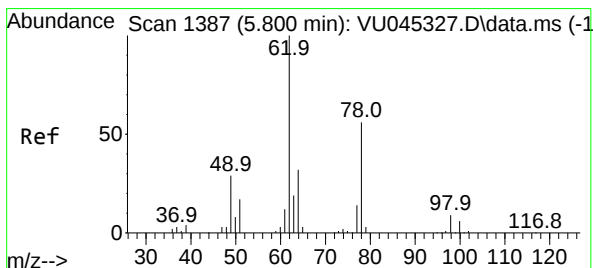
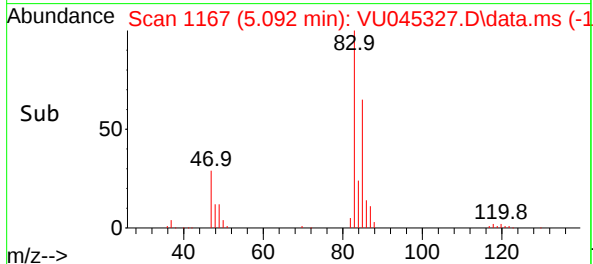
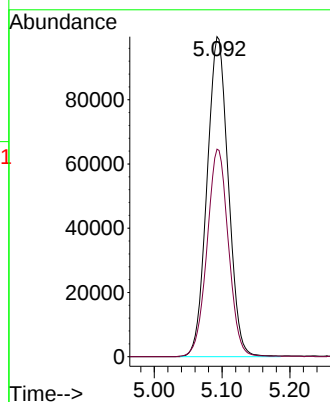
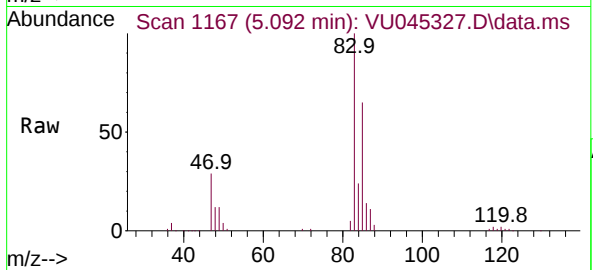


#25

Chloroform
Concen: 42.734 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VU045327.D
Acq: 19 Oct 2021 13:11

Instrument :
MSVOA_U
ClientSampled :

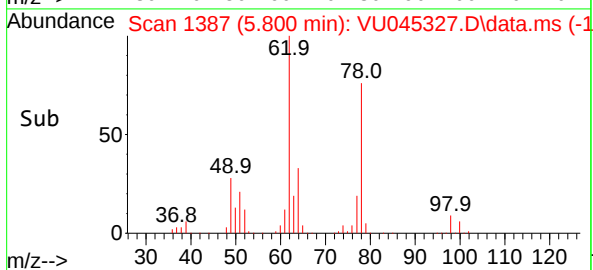
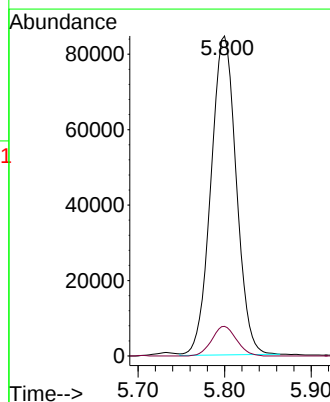
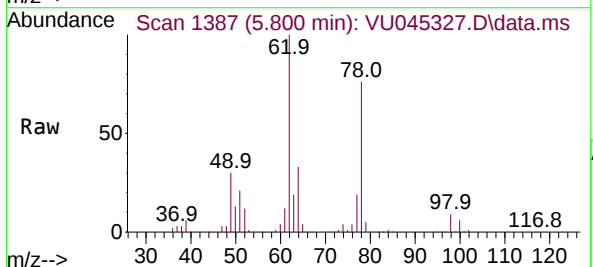
Tgt Ion: 83 Resp: 216789
Ion Ratio Lower Upper
83 100
85 64.8 45.4 84.2

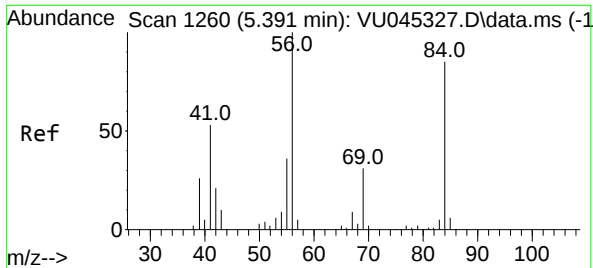


#27

1,2-Dichloroethane
Concen: 40.983 ug/L
RT: 5.800 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VU045327.D
Acq: 19 Oct 2021 13:11

Tgt Ion: 62 Resp: 172047
Ion Ratio Lower Upper
62 100
98 9.3 7.4 11.2

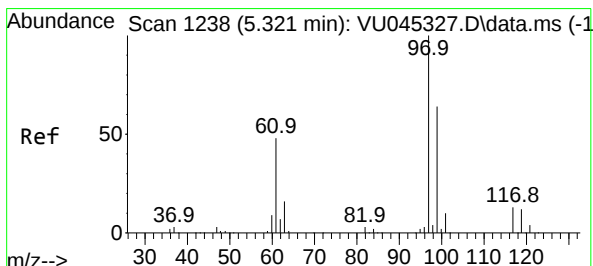
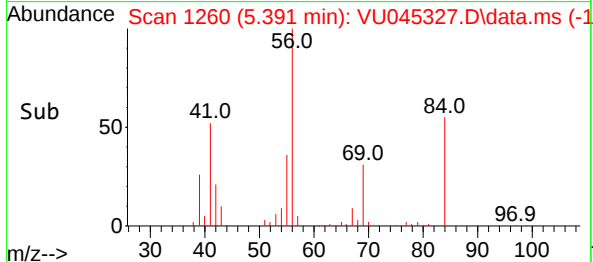
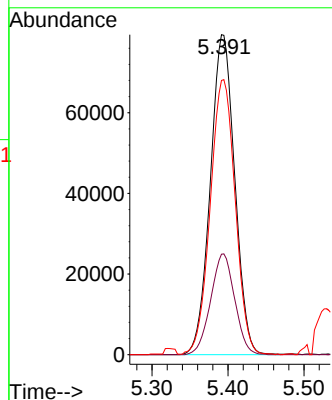
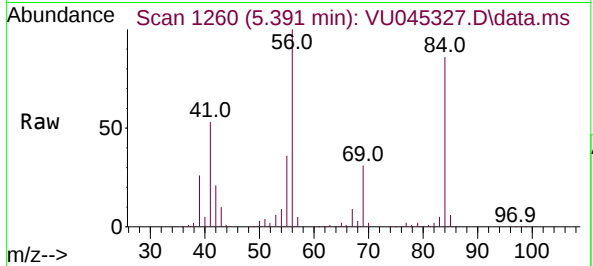




#29
Cyclohexane
Concen: 40.912 ug/L
RT: 5.391 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VU045327.D
Acq: 19 Oct 2021 13:11

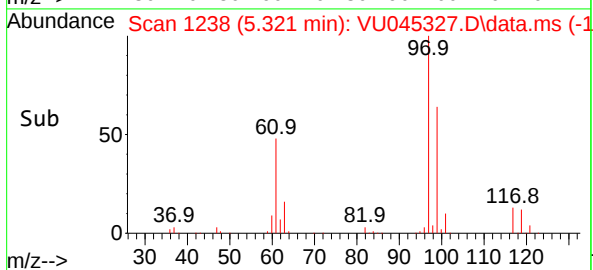
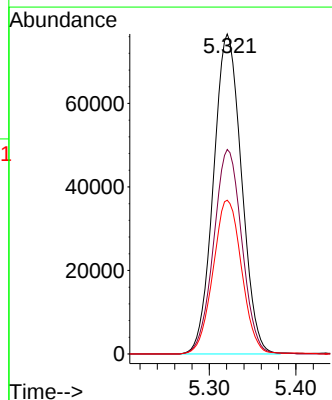
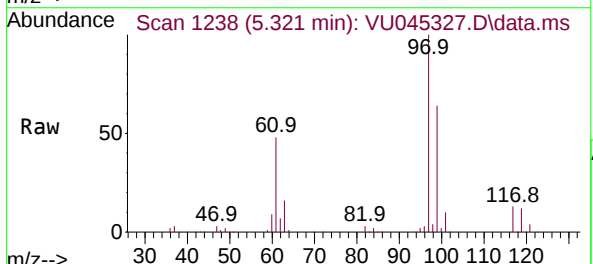
Instrument :
MSVOA_U
ClientSampled :

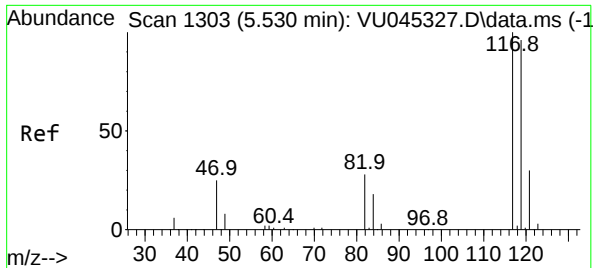
Tgt Ion:	56	Resp:	177043
Ion Ratio	Lower	Upper	
56	100		
69	31.0	24.8	37.2
84	87.9	70.3	105.5



#30
1,1,1-Trichloroethane
Concen: 42.547 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VU045327.D
Acq: 19 Oct 2021 13:11

Tgt Ion:	97	Resp:	172326
Ion Ratio	Lower	Upper	
97	100		
99	64.4	51.5	77.3
61	49.0	39.2	58.8

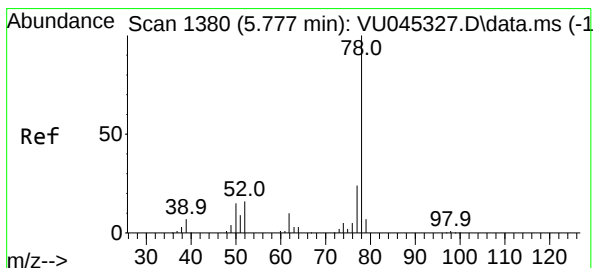
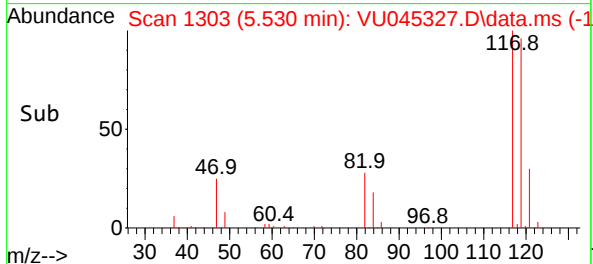
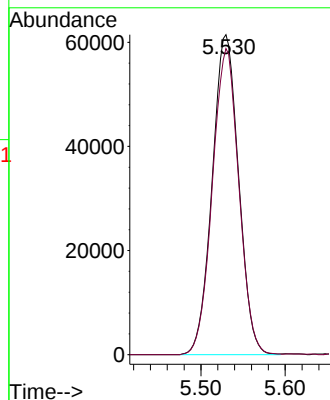
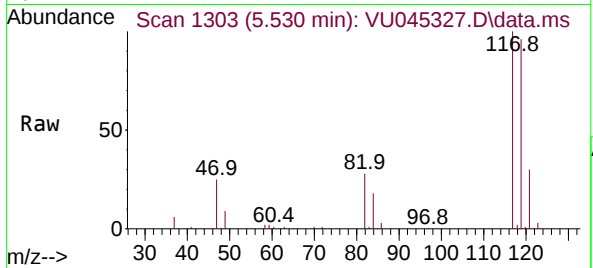




#31
Carbon tetrachloride
Concen: 41.846 ug/L
RT: 5.530 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VU045327.D
Acq: 19 Oct 2021 13:11

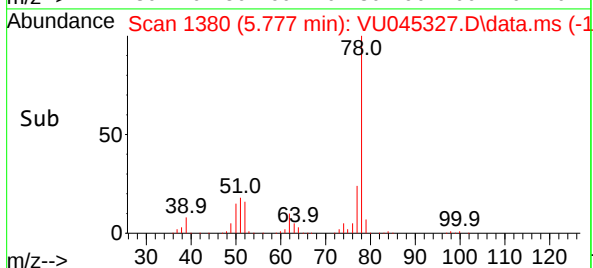
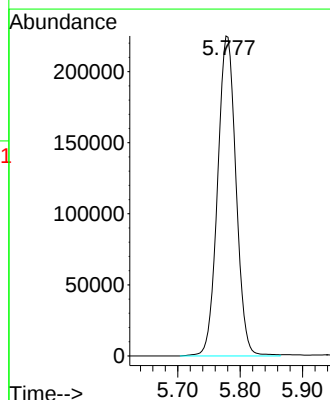
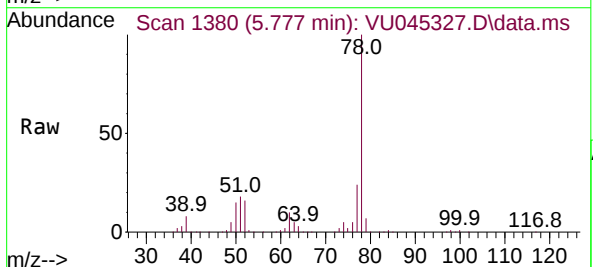
Instrument :
MSVOA_U
ClientSampled :

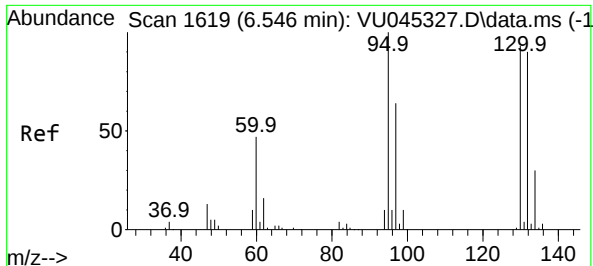
Tgt Ion:117 Resp: 133774
Ion Ratio Lower Upper
117 100
119 95.9 76.7 115.1



#33
Benzene
Concen: 42.532 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU045327.D
Acq: 19 Oct 2021 13:11

Tgt Ion: 78 Resp: 461113

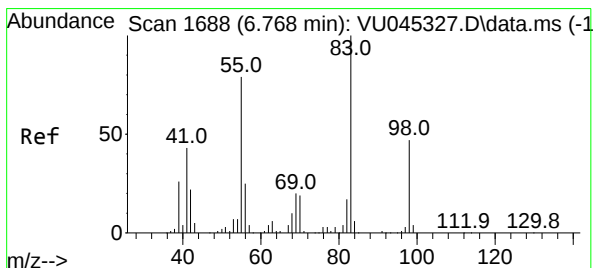
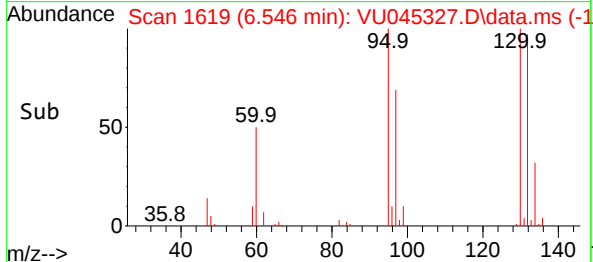
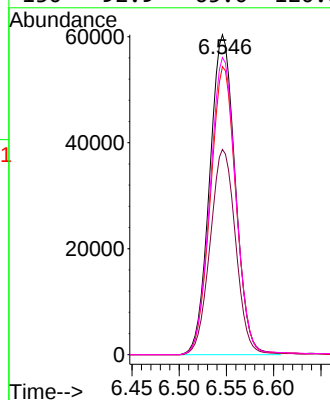
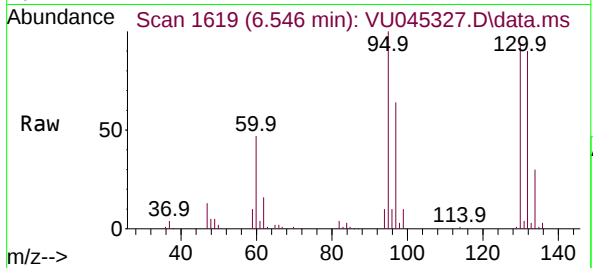




#34
Trichloroethene
Concen: 43.198 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU045327.D
Acq: 19 Oct 2021 13:11

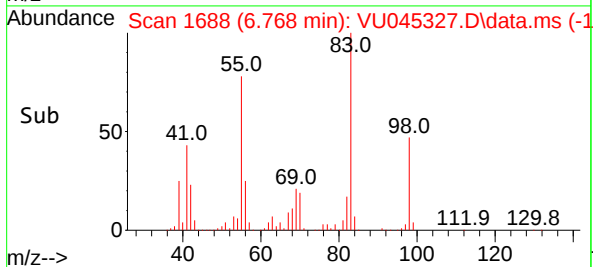
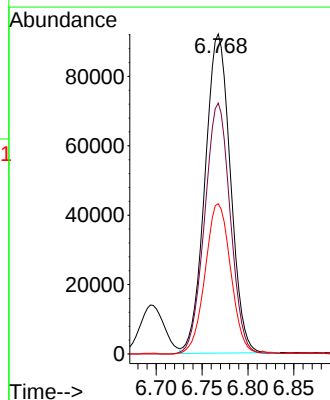
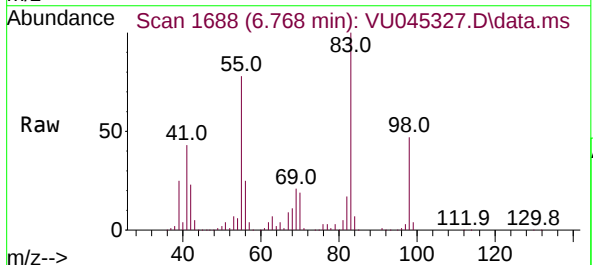
Instrument :
MSVOA_U
ClientSampleId :

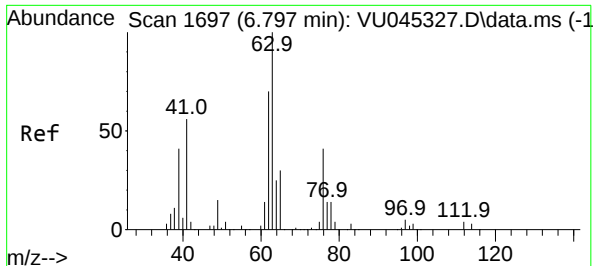
Tgt Ion: 95 Resp: 113260
Ion Ratio Lower Upper
95 100
97 64.1 44.9 83.3
132 90.0 63.0 117.0
130 92.9 65.0 120.8



#35
Methylcyclohexane
Concen: 41.248 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VU045327.D
Acq: 19 Oct 2021 13:11

Tgt Ion: 83 Resp: 177626
Ion Ratio Lower Upper
83 100
55 79.2 63.4 95.0
98 47.4 37.9 56.9



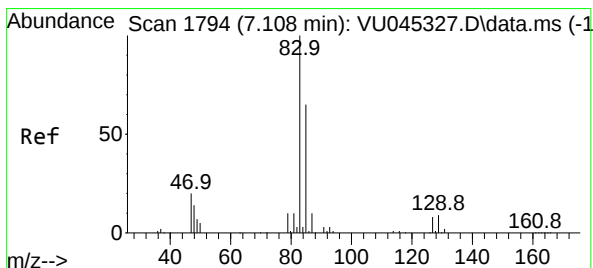
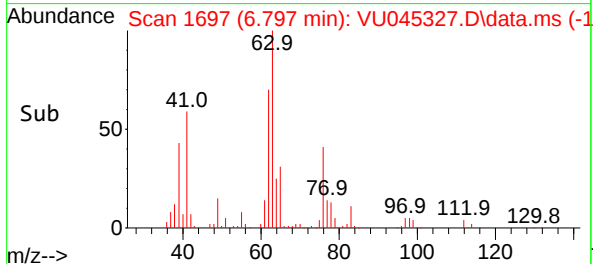
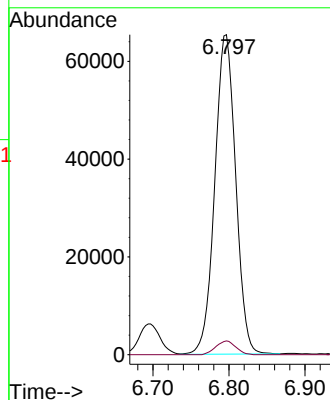
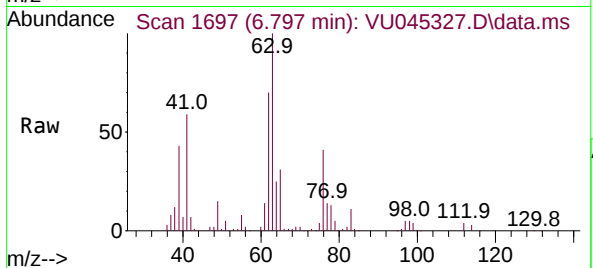


#37

1,2-Dichloropropane
Concen: 42.124 ug/L
RT: 6.797 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VU045327.D
Acq: 19 Oct 2021 13:11

Instrument :
MSVOA_U
ClientSampled :

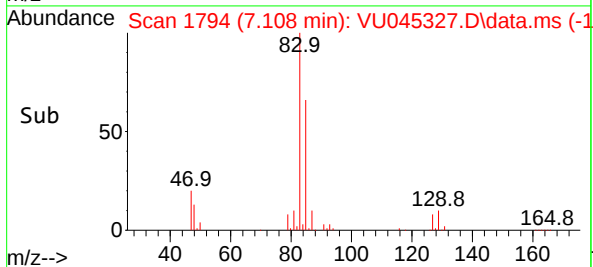
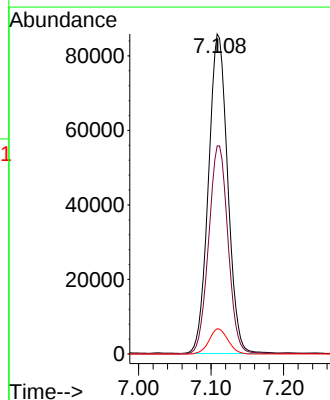
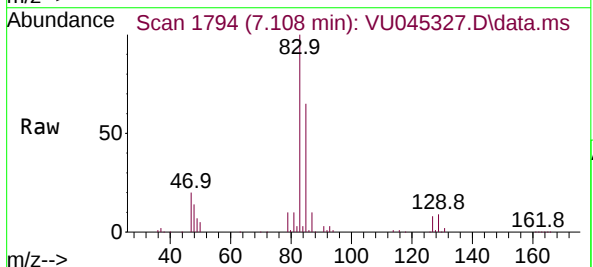
Tgt Ion: 63 Resp: 124600
Ion Ratio Lower Upper
63 100
112 4.1 3.3 4.9

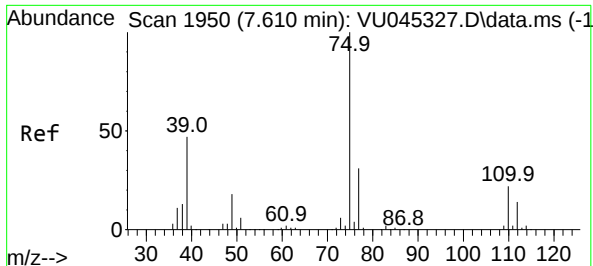


#38

Bromodichloromethane
Concen: 43.350 ug/L
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU045327.D
Acq: 19 Oct 2021 13:11

Tgt Ion: 83 Resp: 158041
Ion Ratio Lower Upper
83 100
85 65.0 45.5 84.5
127 7.9 6.3 9.5



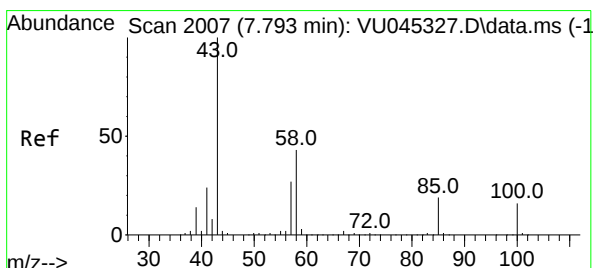
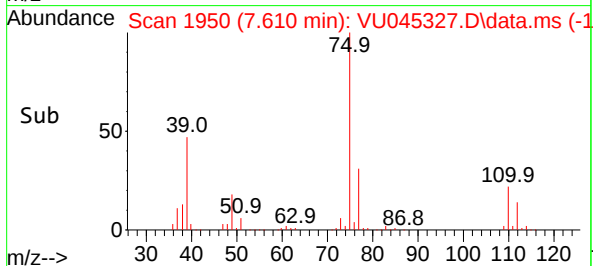
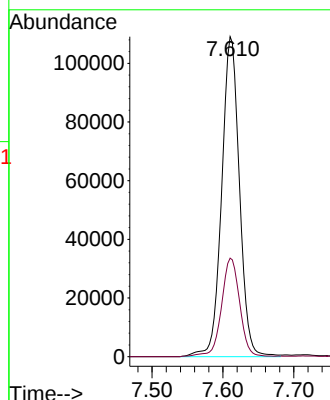
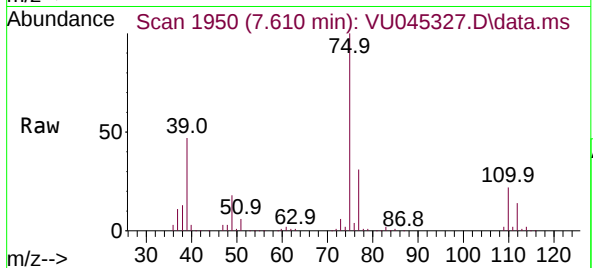


#39

cis-1,3-Dichloropropene
 Concen: 44.568 ug/L
 RT: 7.610 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VU045327.D
 Acq: 19 Oct 2021 13:11

Instrument :
 MSVOA_U
 ClientSampled :

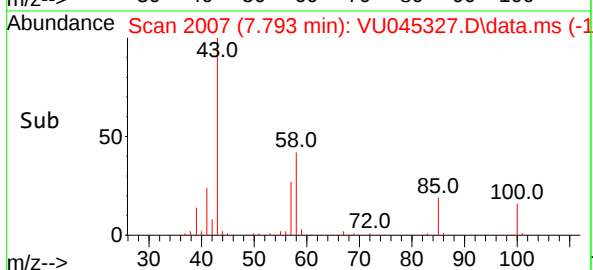
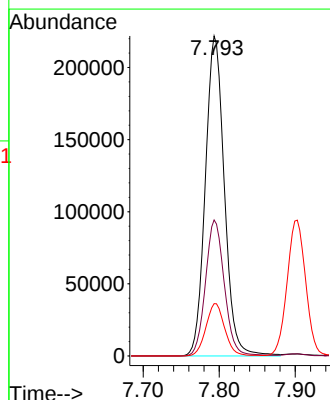
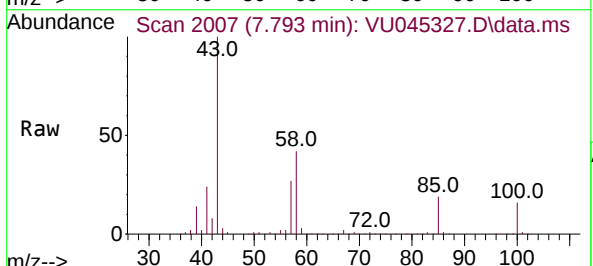
Tgt Ion: 75 Resp: 190102
 Ion Ratio Lower Upper
 75 100
 77 30.8 21.6 40.0

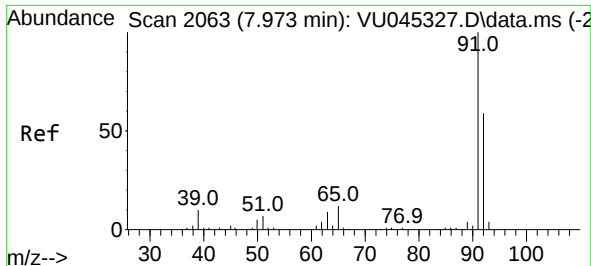


#40

4-Methyl-2-pentanone
 Concen: 79.159 ug/L
 RT: 7.793 min Scan# 2007
 Delta R.T. 0.000 min
 Lab File: VU045327.D
 Acq: 19 Oct 2021 13:11

Tgt Ion: 43 Resp: 386309
 Ion Ratio Lower Upper
 43 100
 58 42.1 33.7 50.5
 100 16.2 13.0 19.4

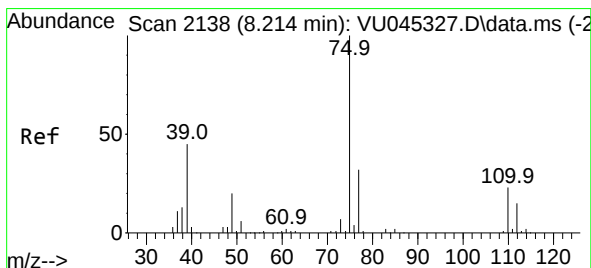
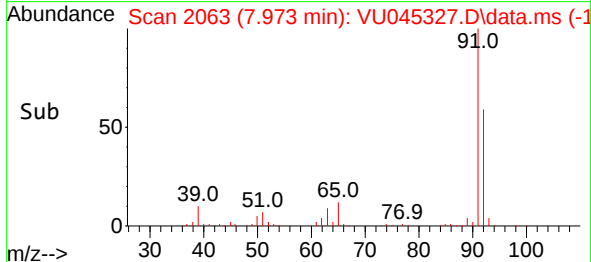
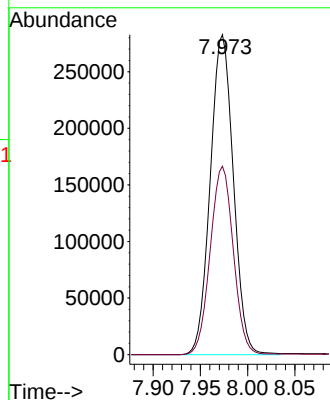
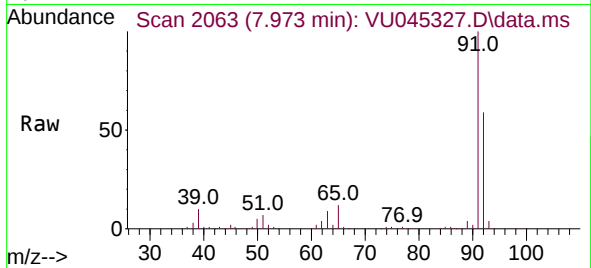




#42
Toluene
Concen: 43.570 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045327.D
Acq: 19 Oct 2021 13:11

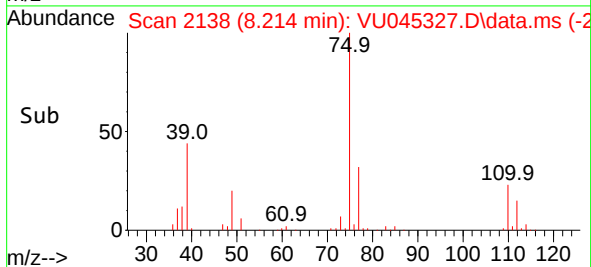
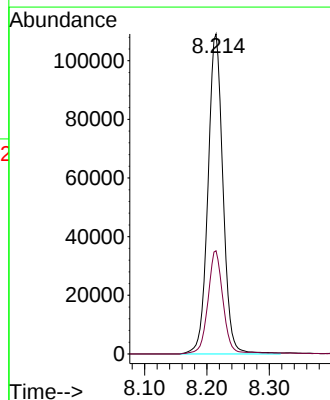
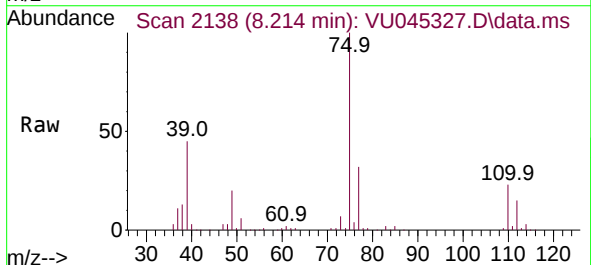
Instrument :
MSVOA_U
ClientSampled :

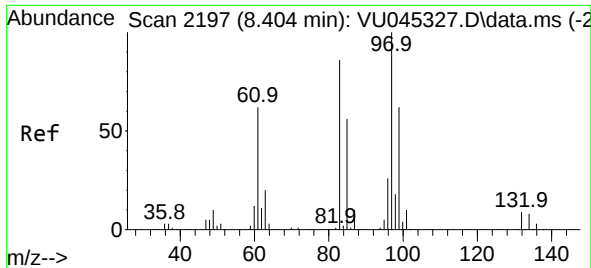
Tgt Ion: 91 Resp: 480625
Ion Ratio Lower Upper
91 100
92 58.9 41.2 76.6



#44
trans-1,3-Dichloropropene
Concen: 44.946 ug/L
RT: 8.214 min Scan# 2138
Delta R.T. 0.000 min
Lab File: VU045327.D
Acq: 19 Oct 2021 13:11

Tgt Ion: 75 Resp: 182476
Ion Ratio Lower Upper
75 100
77 32.2 22.5 41.9

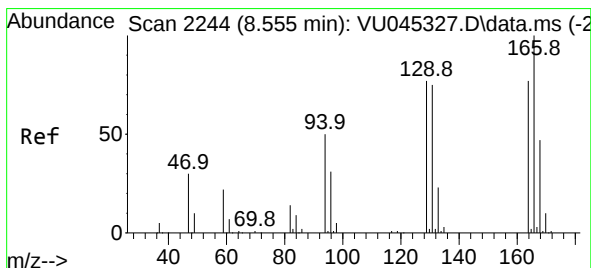
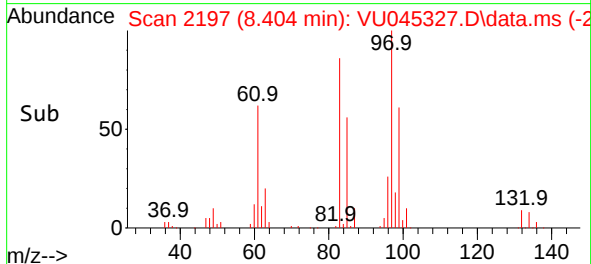
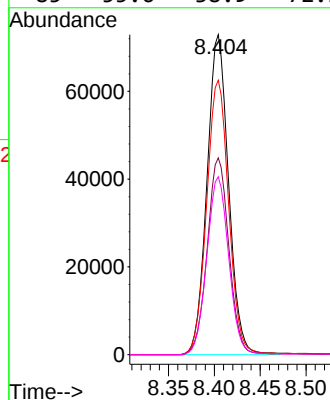
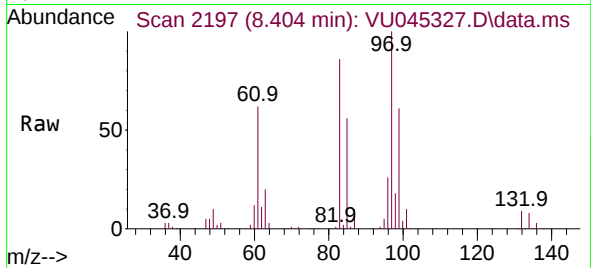




#45
1,1,2-Trichloroethane
Concen: 44.056 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU045327.D
Acq: 19 Oct 2021 13:11

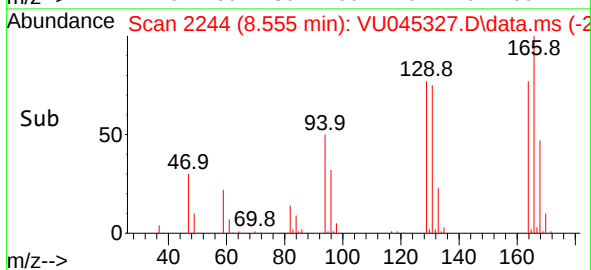
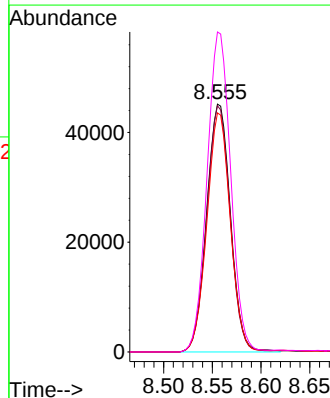
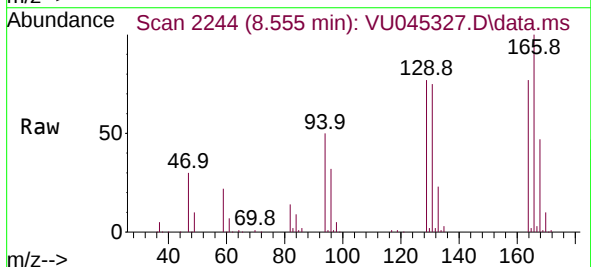
Instrument :
MSVOA_U
ClientSampled :

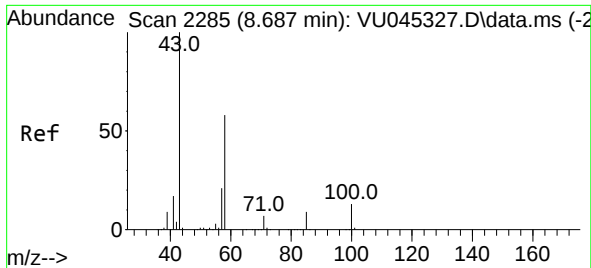
Tgt Ion:	97	Resp:	119403
Ion	Ratio	Lower	Upper
97	100		
99	61.5	43.0	80.0
83	85.8	60.1	111.5
85	55.6	38.9	72.3



#46
Tetrachloroethene
Concen: 41.416 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU045327.D
Acq: 19 Oct 2021 13:11

Tgt Ion:	164	Resp:	77119
Ion	Ratio	Lower	Upper
164	100		
129	99.4	69.6	129.2
131	96.5	67.5	125.4
166	129.1	90.4	167.8

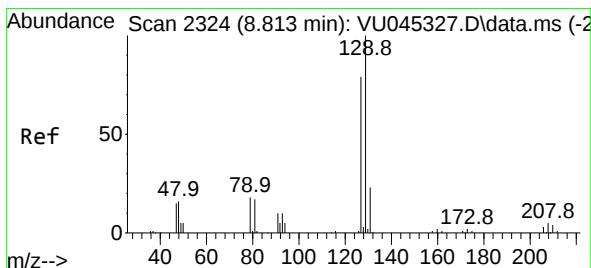
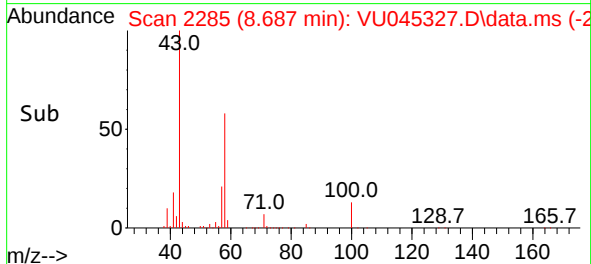
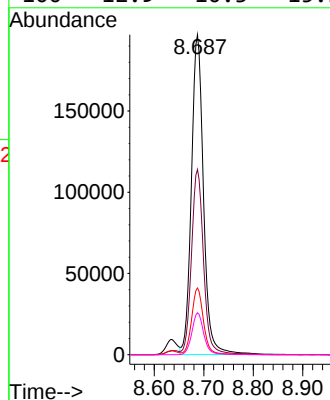
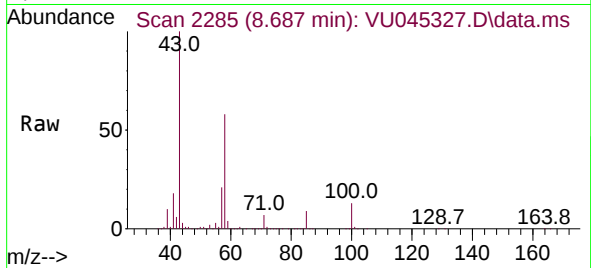




#48
2-Hexanone
Concen: 77.949 ug/L
RT: 8.687 min Scan# 2285
Delta R.T. 0.000 min
Lab File: VU045327.D
Acq: 19 Oct 2021 13:11

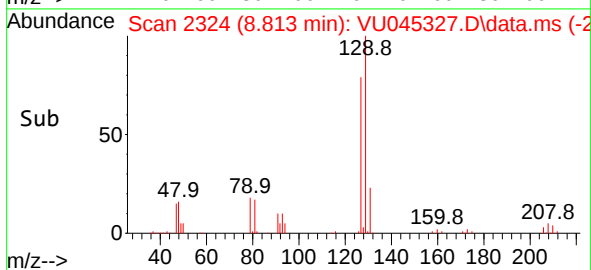
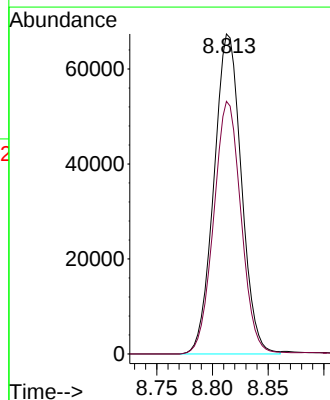
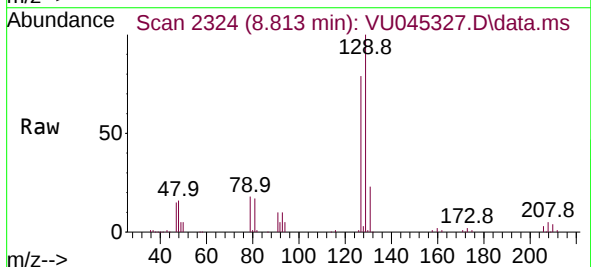
Instrument :
MSVOA_U
ClientSampled :

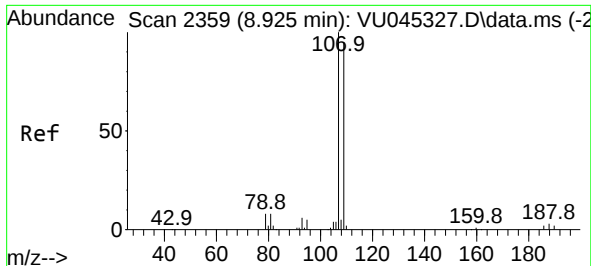
Tgt Ion:	43	Resp:	335099
Ion	Ratio	Lower	Upper
43	100		
58	56.7	45.4	68.0
57	20.0	16.0	24.0
100	12.9	10.3	15.5



#49
Dibromochloromethane
Concen: 43.159 ug/L
RT: 8.813 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU045327.D
Acq: 19 Oct 2021 13:11

Tgt Ion:	129	Resp:	115445
Ion	Ratio	Lower	Upper
129	100		
127	79.0	55.3	102.7

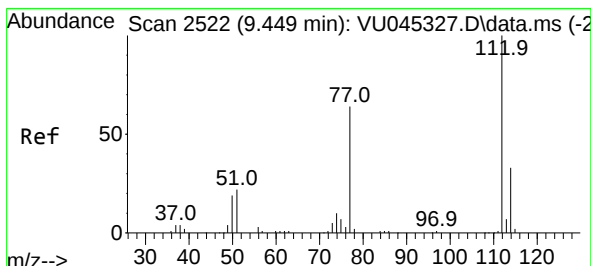
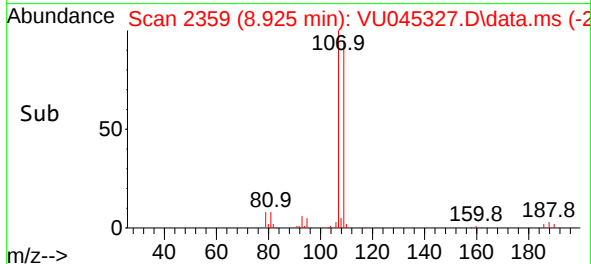
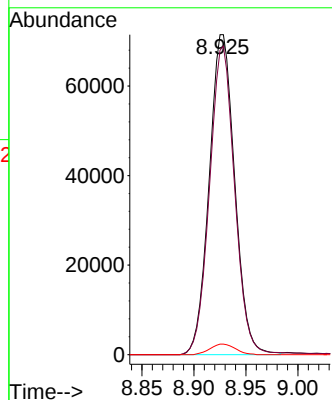
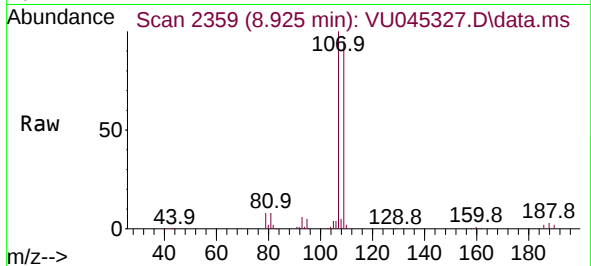




#50
1,2-Dibromoethane
Concen: 43.238 ug/L
RT: 8.925 min Scan# 2359
Delta R.T. 0.000 min
Lab File: VU045327.D
Acq: 19 Oct 2021 13:11

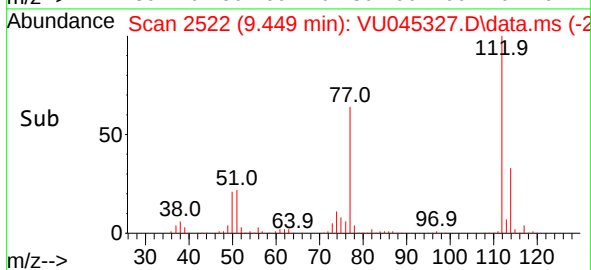
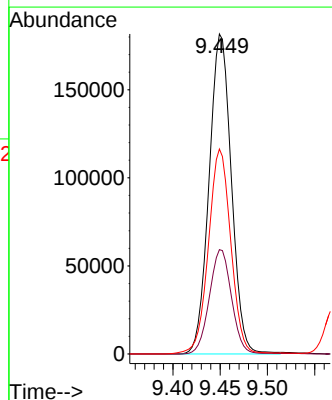
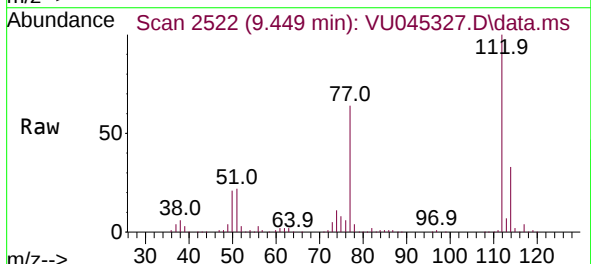
Instrument :
MSVOA_U
ClientSampleId :

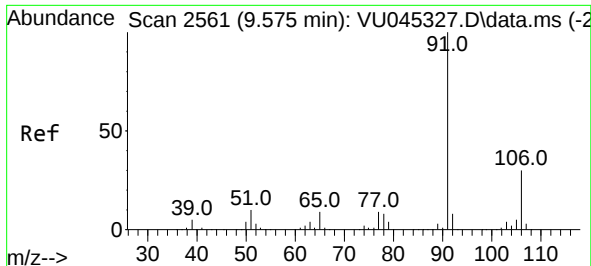
Tgt Ion:	107	Resp:	122265
Ion Ratio	Lower	Upper	
107	100		
109	95.1	66.6	123.6
188	3.3	2.6	4.0



#51
Chlorobenzene
Concen: 43.253 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU045327.D
Acq: 19 Oct 2021 13:11

Tgt Ion:	112	Resp:	297863
Ion Ratio	Lower	Upper	
112	100		
114	32.6	22.8	42.4
77	64.1	51.3	76.9

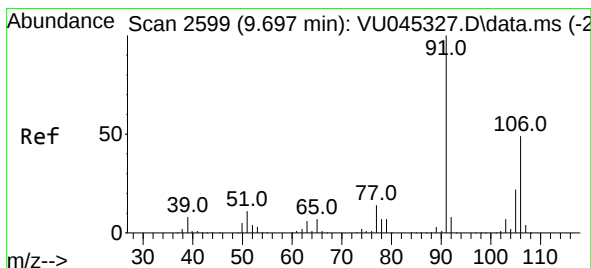
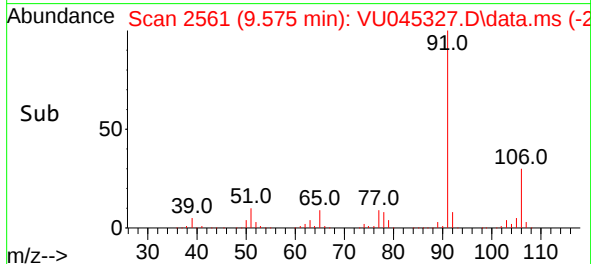
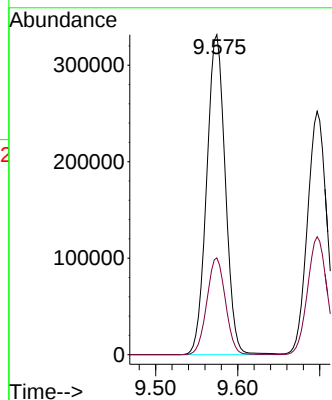
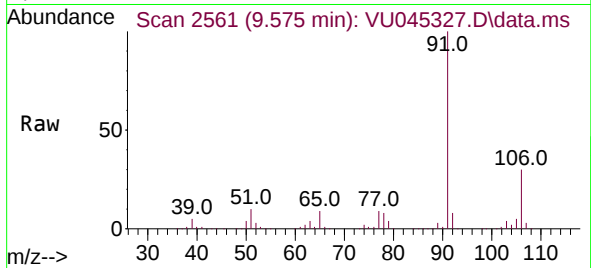




#52
Ethylbenzene
Concen: 44.472 ug/L
RT: 9.575 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU045327.D
Acq: 19 Oct 2021 13:11

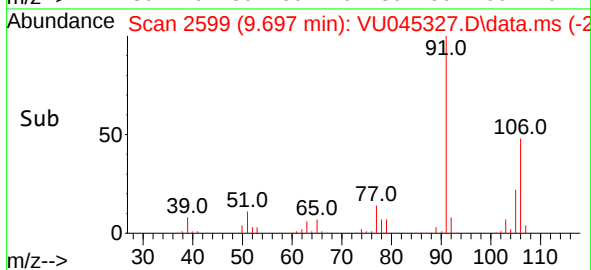
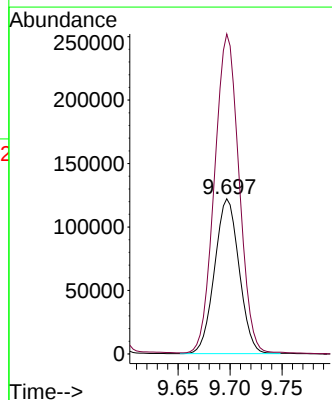
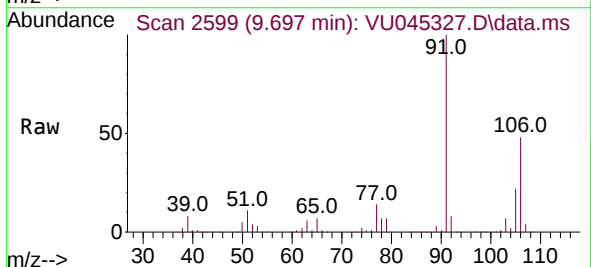
Instrument :
MSVOA_U
ClientSampled :

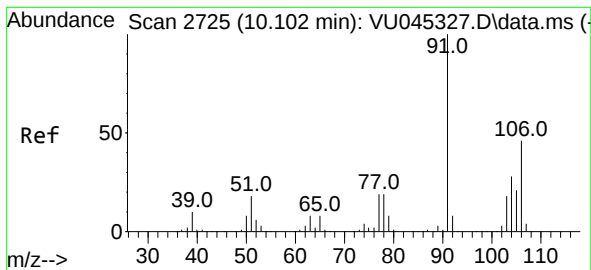
Tgt Ion: 91 Resp: 522723
Ion Ratio Lower Upper
91 100
106 30.2 21.1 39.3



#53
m,p-Xylene
Concen: 45.007 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU045327.D
Acq: 19 Oct 2021 13:11

Tgt Ion:106 Resp: 200509
Ion Ratio Lower Upper
106 100
91 206.3 144.4 268.2

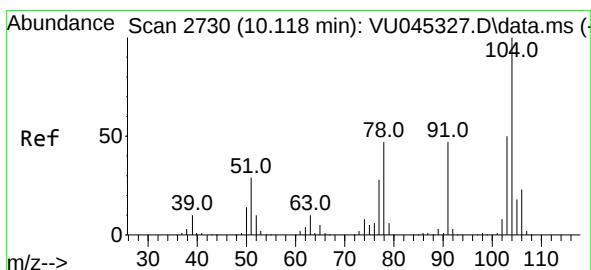
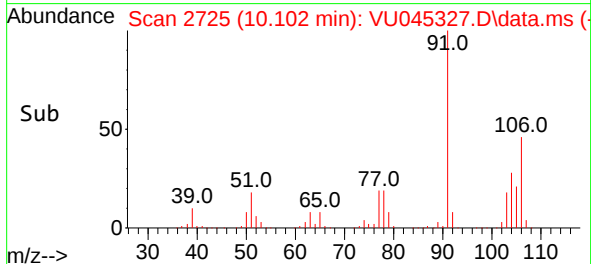
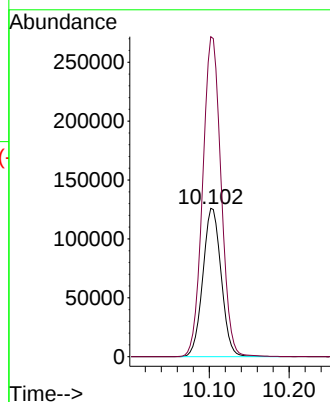
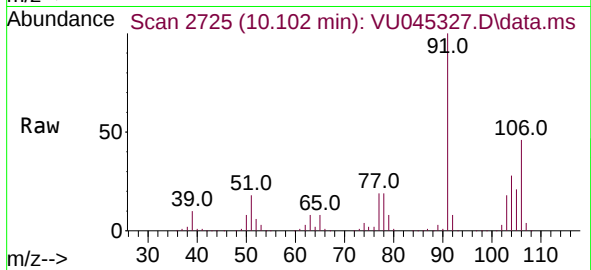




#54
o-xylene
Concen: 45.892 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU045327.D
Acq: 19 Oct 2021 13:11

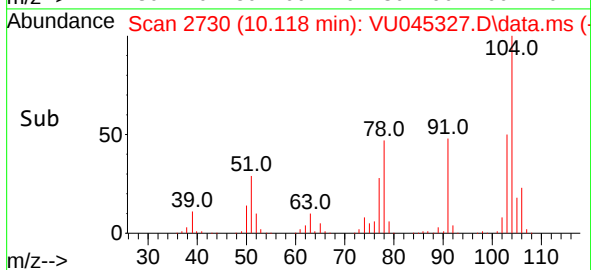
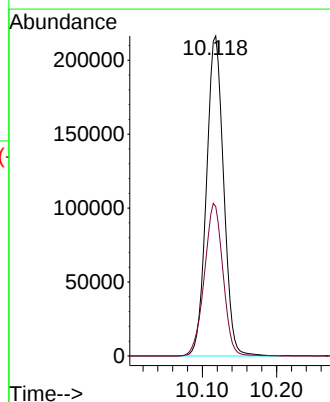
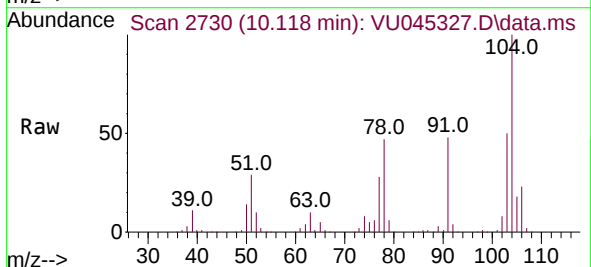
Instrument :
MSVOA_U
ClientSampled :

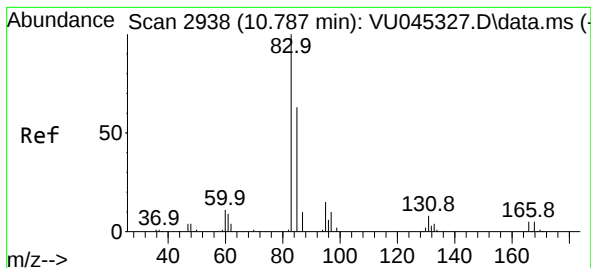
Tgt Ion:106 Resp: 201244
Ion Ratio Lower Upper
106 100
91 215.8 151.1 280.5



#55
Styrene
Concen: 46.054 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. 0.000 min
Lab File: VU045327.D
Acq: 19 Oct 2021 13:11

Tgt Ion:104 Resp: 347128
Ion Ratio Lower Upper
104 100
78 46.7 32.7 60.7

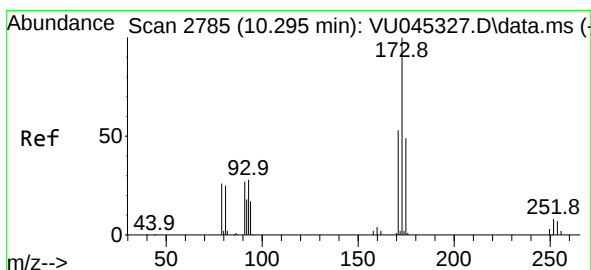
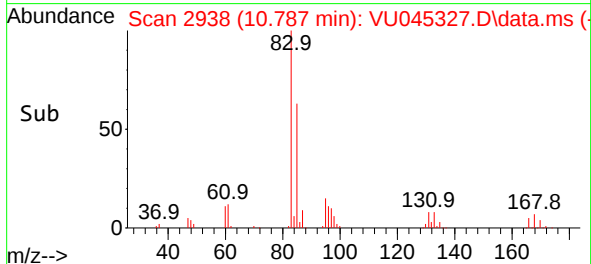
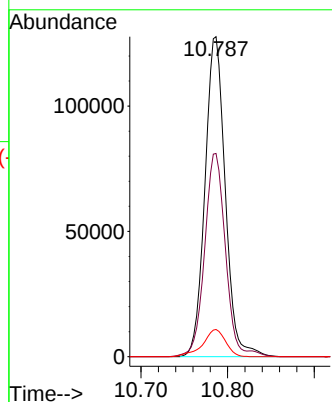
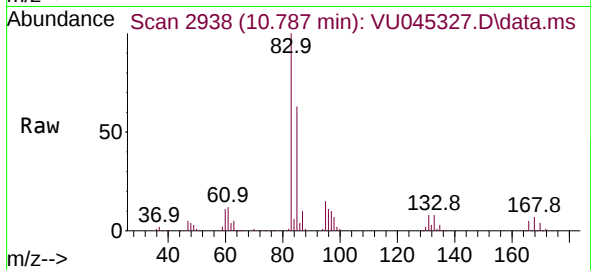




#57
1,1,2,2-Tetrachloroethane
Concen: 40.250 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. 0.000 min
Lab File: VU045327.D
Acq: 19 Oct 2021 13:11

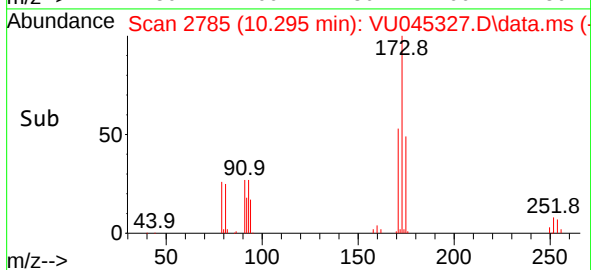
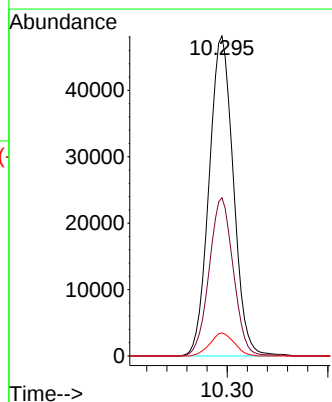
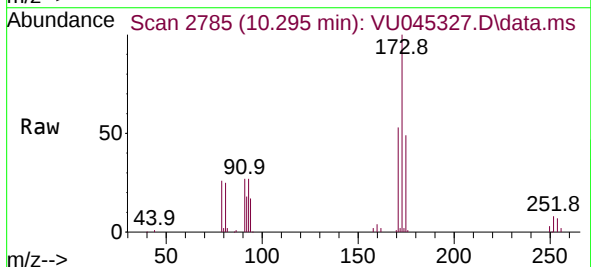
Instrument :
MSVOA_U
ClientSampled :

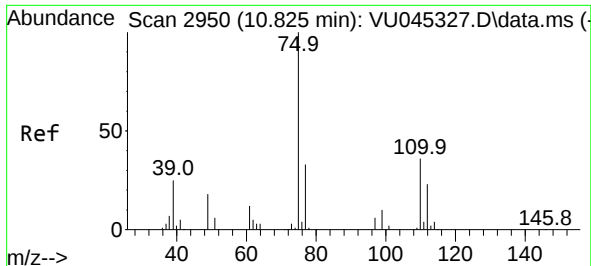
Tgt Ion: 83 Resp: 207809
Ion Ratio Lower Upper
83 100
85 63.5 44.4 82.5
131 8.5 6.8 10.2



#59
Bromoform
Concen: 43.049 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. 0.000 min
Lab File: VU045327.D
Acq: 19 Oct 2021 13:11

Tgt Ion:173 Resp: 80722
Ion Ratio Lower Upper
173 100
175 49.1 39.3 58.9
254 7.2 5.8 8.6

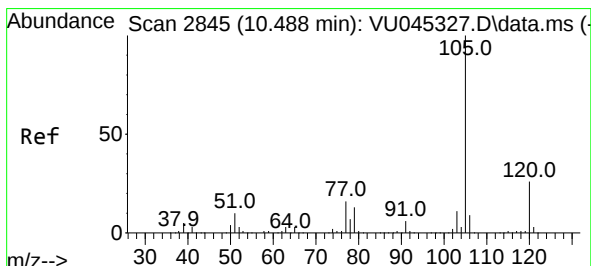
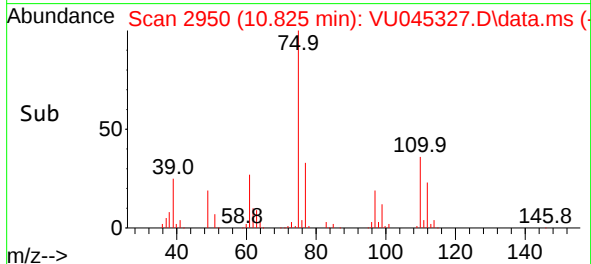
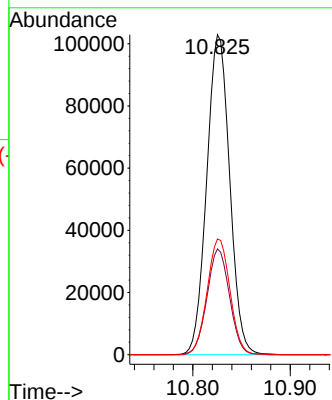
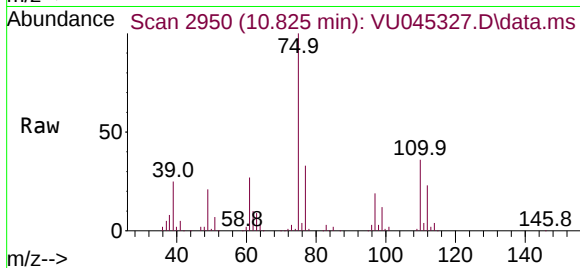




#60
1,2,3-Trichloropropane
Concen: 40.498 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU045327.D
Acq: 19 Oct 2021 13:11

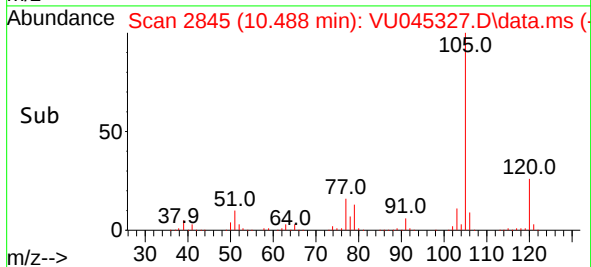
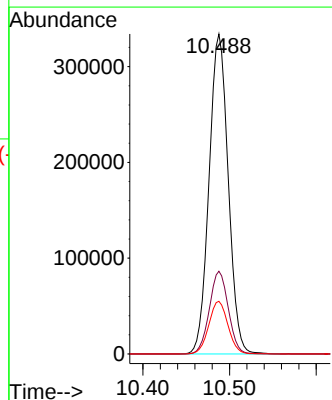
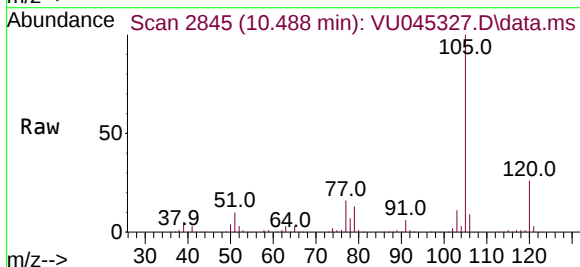
Instrument :
MSVOA_U
ClientSampleId :

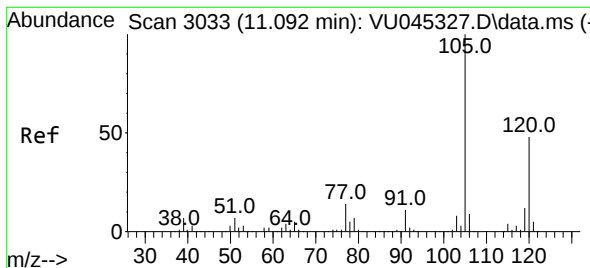
Tgt Ion: 75 Resp: 168401
Ion Ratio Lower Upper
75 100
77 32.5 26.0 39.0
110 36.0 28.8 43.2



#61
Isopropylbenzene
Concen: 46.313 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU045327.D
Acq: 19 Oct 2021 13:11

Tgt Ion: 105 Resp: 513595
Ion Ratio Lower Upper
105 100
120 25.6 20.5 30.7
77 16.5 13.2 19.8

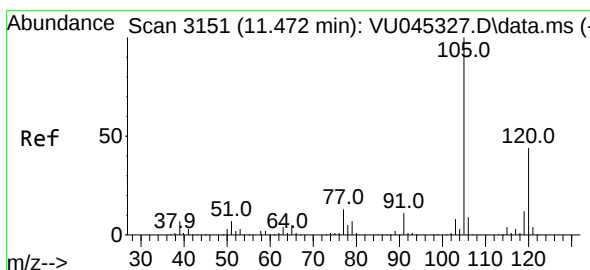
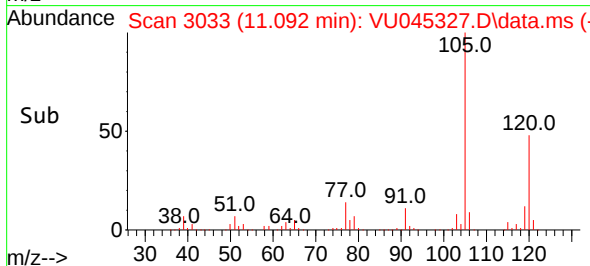
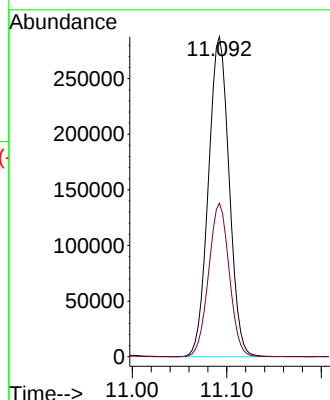
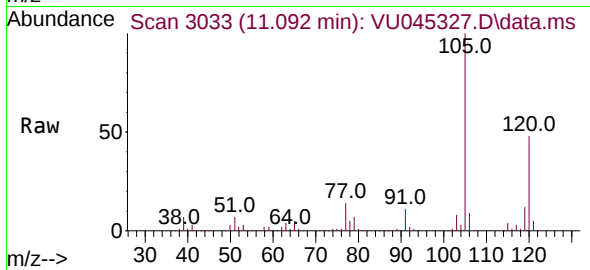




#62
1,3,5-Trimethylbenzene
Concen: 47.314 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU045327.D
Acq: 19 Oct 2021 13:11

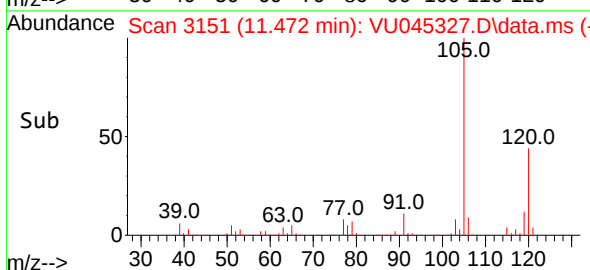
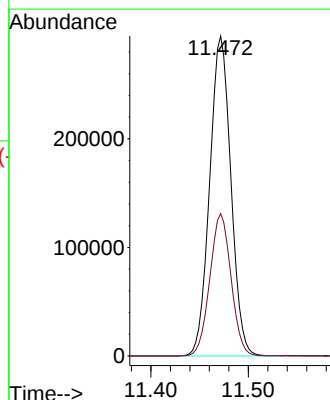
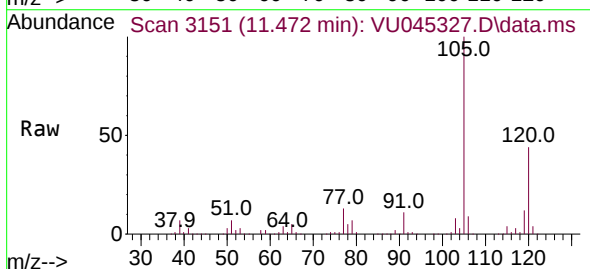
Instrument :
MSVOA_U
ClientSampleId :

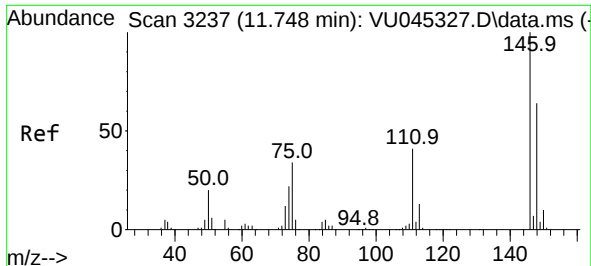
Tgt Ion:105 Resp: 438717
Ion Ratio Lower Upper
105 100
120 47.7 38.2 57.2



#63
1,2,4-Trimethylbenzene
Concen: 47.007 ug/L
RT: 11.472 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU045327.D
Acq: 19 Oct 2021 13:11

Tgt Ion:105 Resp: 445230
Ion Ratio Lower Upper
105 100
120 44.4 35.5 53.3

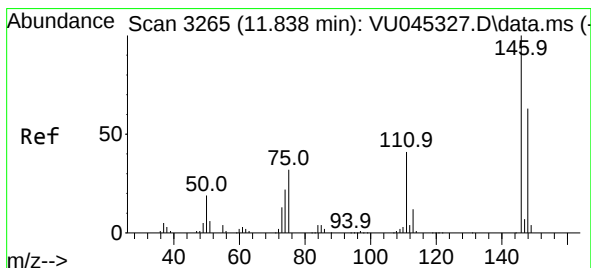
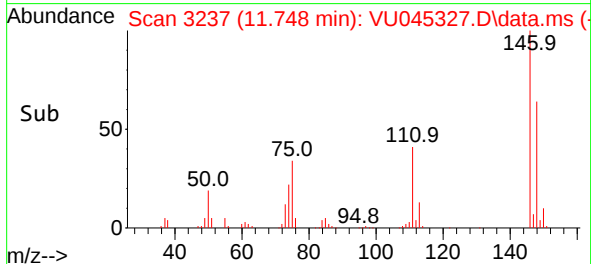
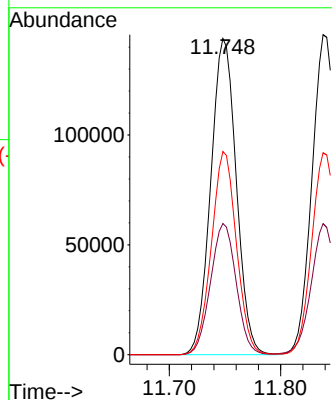
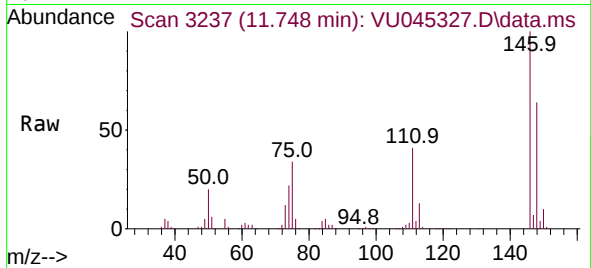




#64
1,3-Dichlorobenzene
Concen: 44.350 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU045327.D
Acq: 19 Oct 2021 13:11

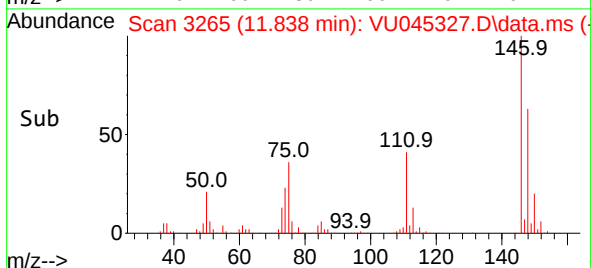
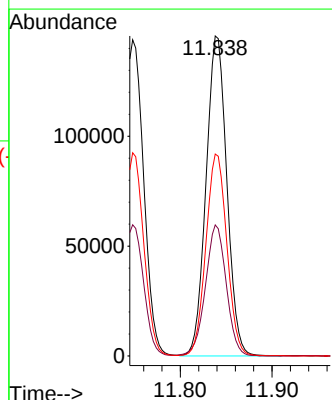
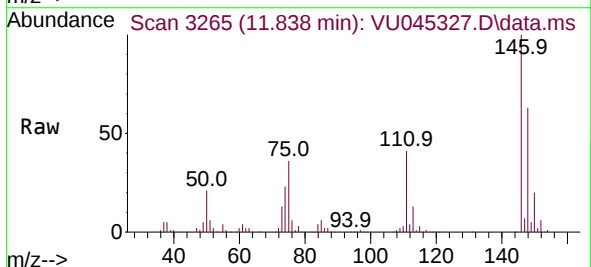
Instrument :
MSVOA_U
ClientSampled :

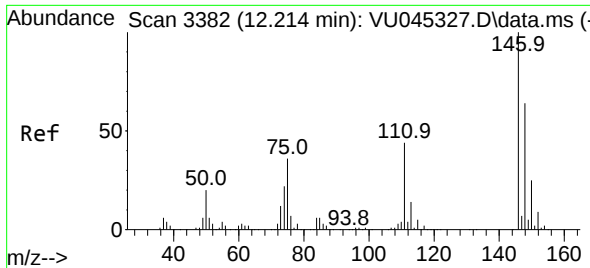
Tgt Ion:146 Resp: 228750
Ion Ratio Lower Upper
146 100
111 41.5 29.0 53.9
148 64.3 45.0 83.6



#65
1,4-Dichlorobenzene
Concen: 43.448 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU045327.D
Acq: 19 Oct 2021 13:11

Tgt Ion:146 Resp: 229520
Ion Ratio Lower Upper
146 100
111 40.9 28.6 53.2
148 63.1 44.2 82.0

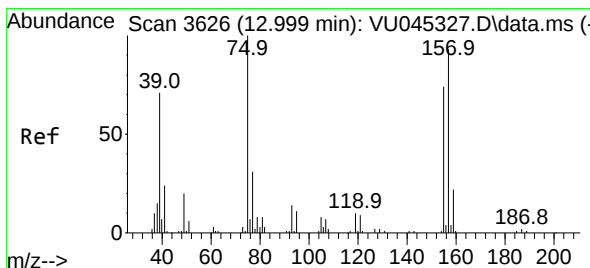
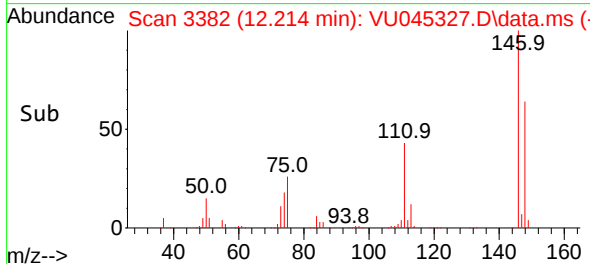
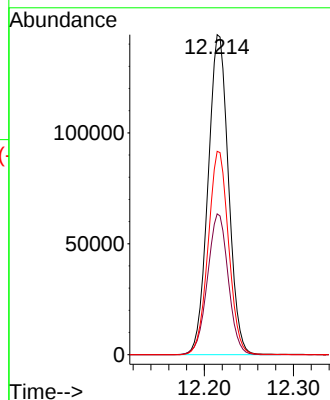
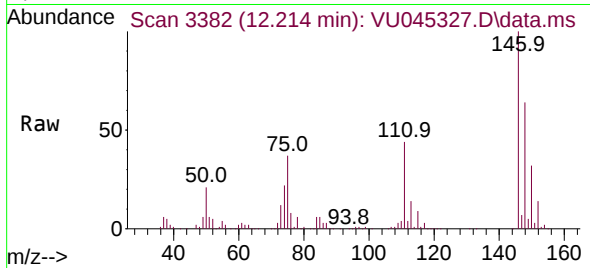




#67
1,2-Dichlorobenzene
Concen: 43.461 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU045327.D
Acq: 19 Oct 2021 13:11

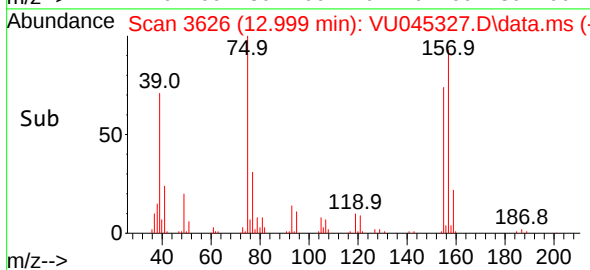
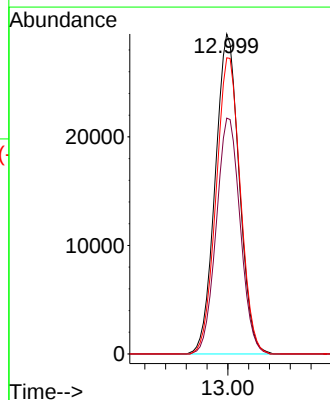
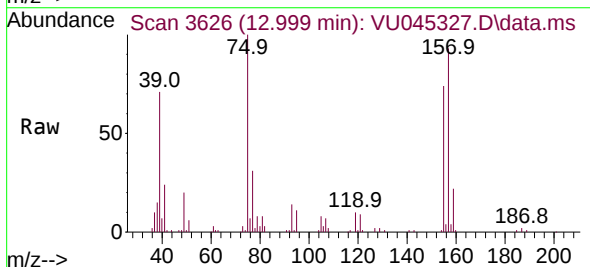
Instrument :
MSVOA_U
ClientSampleId :

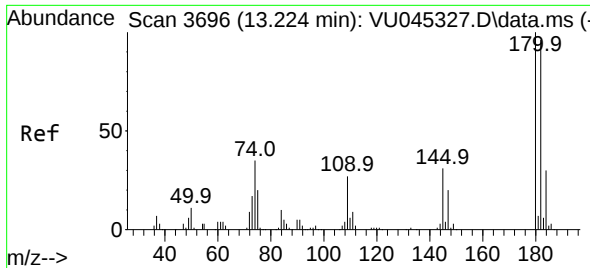
Tgt Ion:146 Resp: 228955
Ion Ratio Lower Upper
146 100
111 44.0 35.2 52.8
148 63.5 50.8 76.2



#68
1,2-Dibromo-3-chloropropane
Concen: 40.050 ug/L
RT: 12.999 min Scan# 3626
Delta R.T. 0.000 min
Lab File: VU045327.D
Acq: 19 Oct 2021 13:11

Tgt Ion: 75 Resp: 47304
Ion Ratio Lower Upper
75 100
155 77.4 61.9 92.9
157 92.6 74.1 111.1



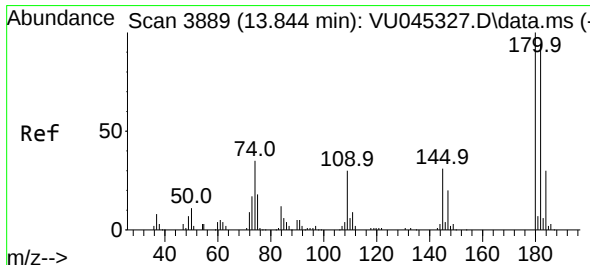
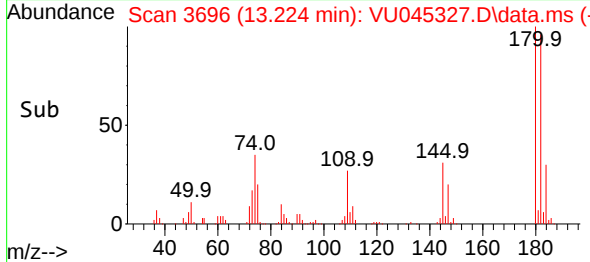
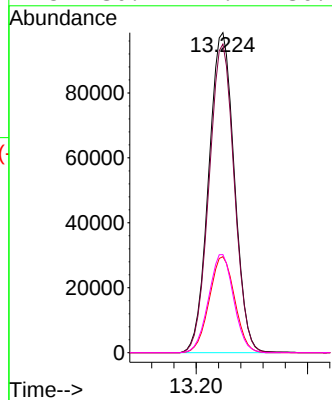
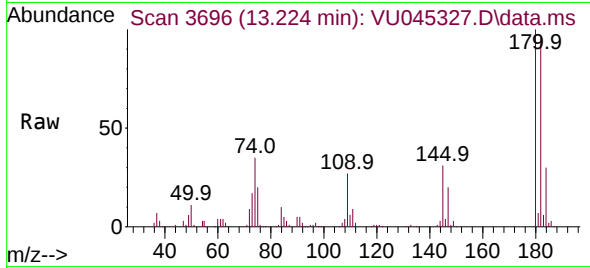


#69
 1,3,5-Trichlorobenzene
 Concen: 44.175 ug/L
 RT: 13.224 min Scan# 3696
 Delta R.T. 0.000 min
 Lab File: VU045327.D
 Acq: 19 Oct 2021 13:11

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion:180 Resp: 157309

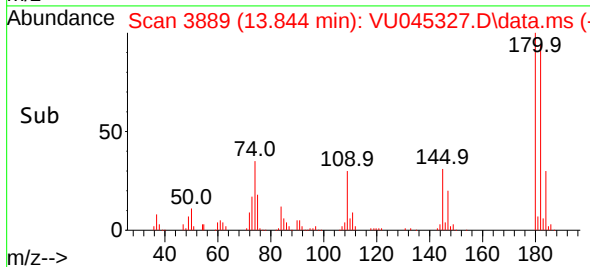
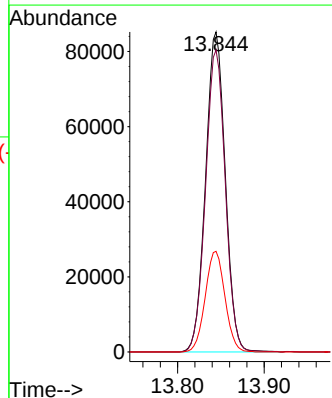
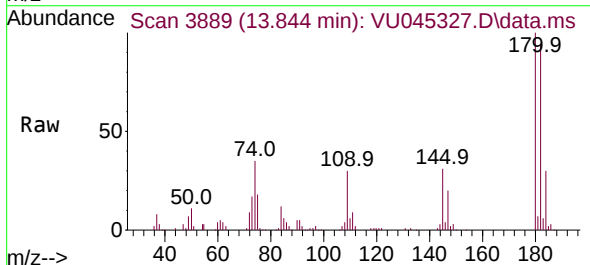
Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.0	114.0
184	29.8	23.8	35.8
145	30.2	24.2	36.2

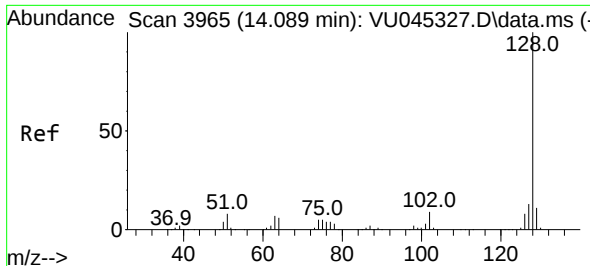


#70
 1,2,4-trichlorobenzene
 Concen: 45.710 ug/L
 RT: 13.844 min Scan# 3889
 Delta R.T. 0.000 min
 Lab File: VU045327.D
 Acq: 19 Oct 2021 13:11

Tgt Ion:180 Resp: 134823

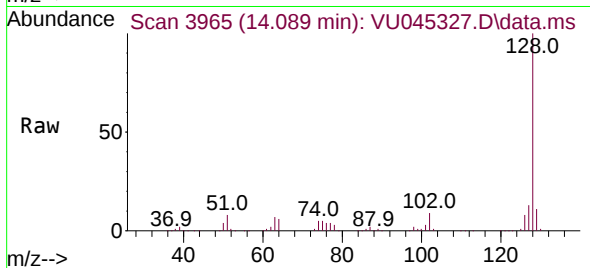
Ion	Ratio	Lower	Upper
180	100		
182	94.6	75.7	113.5
145	31.4	25.1	37.7



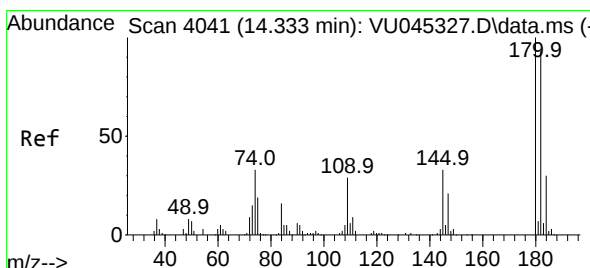
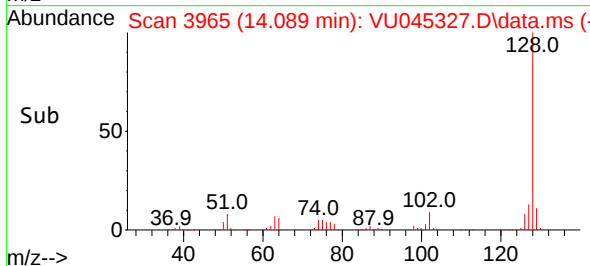
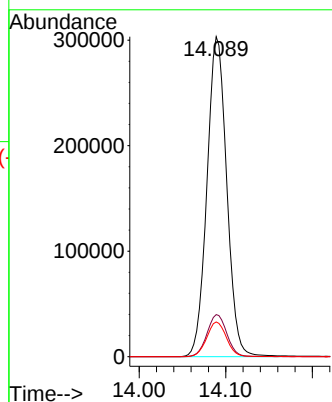


#71
Naphthalene
Concen: 47.541 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VU045327.D
Acq: 19 Oct 2021 13:11

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 481049
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 10.8 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 46.228 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VU045327.D
Acq: 19 Oct 2021 13:11

Tgt Ion:180 Resp: 138769
Ion Ratio Lower Upper
180 100
182 93.7 75.0 112.4
145 33.0 26.4 39.6

