

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102821\
 Data File : VU045434.D
 Acq On : 28 Oct 2021 12:29
 Operator : SY/MD
 Sample : VSTD20029
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD200029

Quant Time: Oct 29 02:52:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM102821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 29 02:49:32 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	323144	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	308790	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	162064	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	524455	314.897	ug/L	0.00
7) Chloroethane-d5	1.912	69	405851	272.950	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.568	63	950297	295.710	ug/L	0.00
21) 2-Butanone-d5	4.632	46	922809	434.908	ug/L	0.00
24) Chloroform-d	5.066	84	950674	239.969	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.706	65	615726	229.407	ug/L	0.00
32) Benzene-d6	5.732	84	1882243	285.994	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.697	67	617222	252.965	ug/L	0.00
41) Toluene-d8	7.902	98	1681404	296.544	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	313906	257.926	ug/L	0.00
47) 2-Hexanone-d5	8.639	63	734715	499.937	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.761	84	952091	215.941	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.198	152	652006	222.482	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	576411	231.995	ug/L	100
3) Chloromethane	1.520	50	663302	234.266	ug/L	100
5) Vinyl chloride	1.604	62	657577	216.204	ug/L	99
6) Bromomethane	1.861	94	344588	215.003	ug/L	99
8) Chloroethane	1.935	64	358216	192.955	ug/L	99
9) Trichlorofluoromethane	2.137	101	776025	210.736	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	476986	206.471	ug/L	99
12) 1,1-Dichloroethene	2.581	96	457730	213.351	ug/L	95
13) Acetone	2.645	43	696024	300.078	ug/L	99
14) Carbon disulfide	2.796	76	1308690	220.201	ug/L	100
15) Methyl Acetate	2.954	43	627736	204.726	ug/L	100
16) Methylene chloride	3.047	84	543030	197.953	ug/L	98
17) trans-1,2-Dichloroethene	3.356	96	479980	208.387	ug/L	99
18) Methyl tert-butyl Ether	3.366	73	1714539	214.108	ug/L	100
19) 1,1-Dichloroethane	3.874	63	954017	203.545	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	555789	211.340	ug/L	100
22) 2-Butanone	4.713	43	1018538	384.340	ug/L	99
23) Bromochloromethane	4.980	128	259132	201.423	ug/L	100
25) Chloroform	5.092	83	947288	199.883	ug/L	99
27) 1,2-Dichloroethane	5.800	62	766411	200.965	ug/L	99
29) Cyclohexane	5.391	56	902096	234.462	ug/L	99
30) 1,1,1-Trichloroethane	5.321	97	799424	213.443	ug/L	99
31) Carbon tetrachloride	5.529	117	637651	220.200	ug/L	99
33) Benzene	5.780	78	2130540	214.620	ug/L	100
34) Trichloroethene	6.546	95	525512	215.935	ug/L	99
35) Methylcyclohexane	6.767	83	930047	237.859	ug/L	99
37) 1,2-Dichloropropane	6.796	63	562931	209.717	ug/L	100
38) Bromodichloromethane	7.108	83	739339	213.536	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	929146	230.121	ug/L	98
40) 4-Methyl-2-pentanone	7.796	43	1774158	435.563	ug/L	100
42) Toluene	7.973	91	2258708	218.003	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	887669	230.737	ug/L	99

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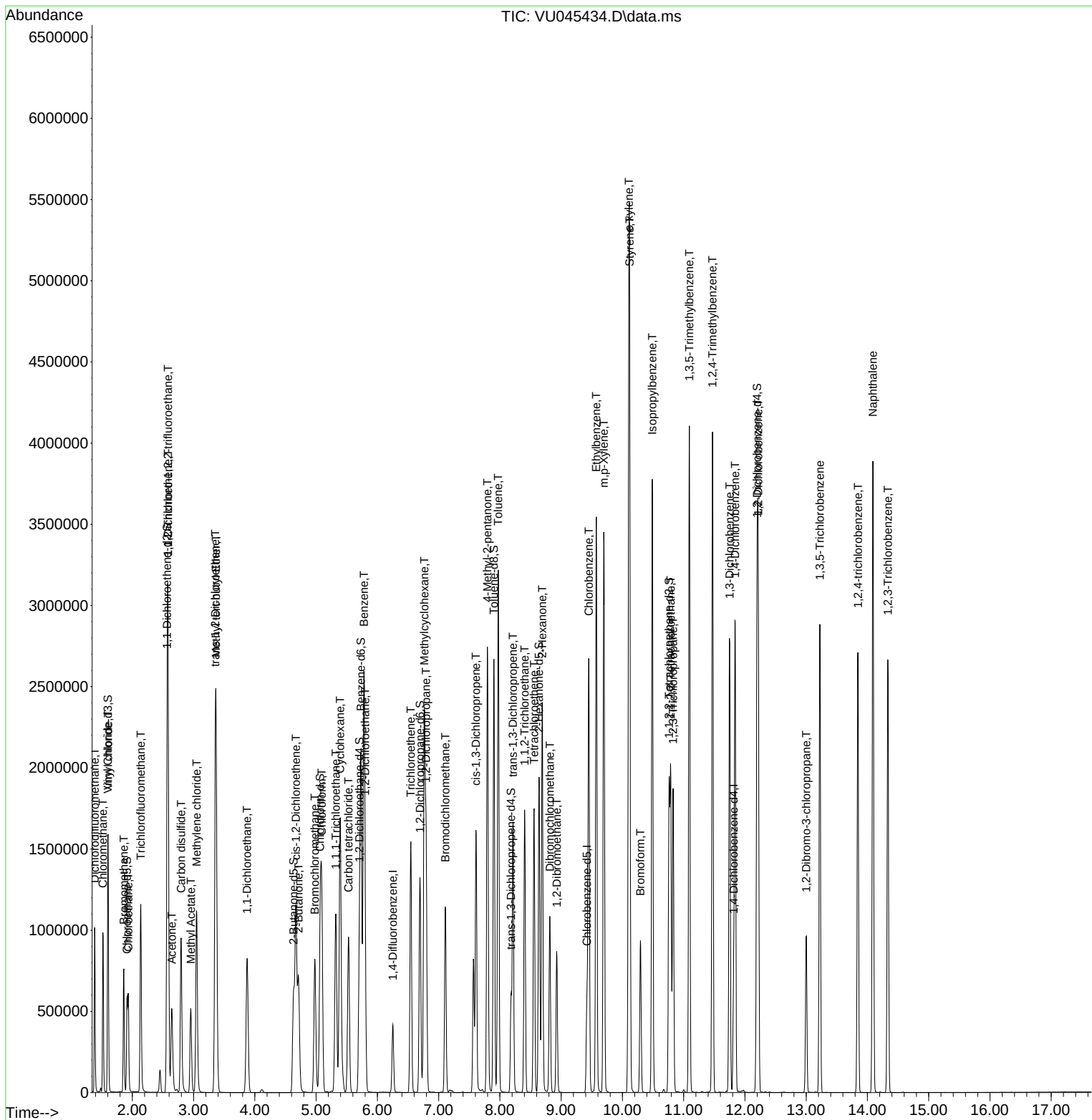
Instrument :
 MSVOA_U
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 VSTD200029

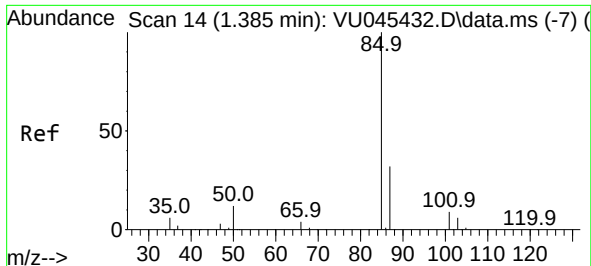
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.404	97	525223	205.204	ug/L	99
46) Tetrachloroethene	8.558	164	376041	221.497	ug/L	98
48) 2-Hexanone	8.690	43	1475255	431.438	ug/L	99
49) Dibromochloromethane	8.816	129	541778	217.135	ug/L	99
50) 1,2-Dibromoethane	8.928	107	571860	215.647	ug/L	98
51) Chlorobenzene	9.452	112	1375347	211.259	ug/L	99
52) Ethylbenzene	9.574	91	2476363	221.607	ug/L	99
53) m,p-Xylene	9.697	106	952096	223.376	ug/L	97
54) o-xylene	10.105	106	931542	218.681	ug/L	98
55) Styrene	10.118	104	1628001	226.103	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.787	83	976370	214.055	ug/L	98
59) Bromoform	10.295	173	401292	220.321	ug/L	99
60) 1,2,3-Trichloropropane	10.828	75	773313	202.433	ug/L	99
61) Isopropylbenzene	10.488	105	2425929	213.583	ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	2131699	225.910	ug/L	100
63) 1,2,4-Trimethylbenzene	11.471	105	2172078	226.819	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	1083937	211.303	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	1091357	209.937	ug/L	99
67) 1,2-Dichlorobenzene	12.217	146	1099137	210.433	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.999	75	250675	233.947	ug/L	100
69) 1,3,5-Trichlorobenzene	13.224	180	827299	231.751	ug/L	100
70) 1,2,4-trichlorobenzene	13.844	180	769062	253.381	ug/L	100
71) Naphthalene	14.089	128	2921631	279.210	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	758962	249.076	ug/L	100

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

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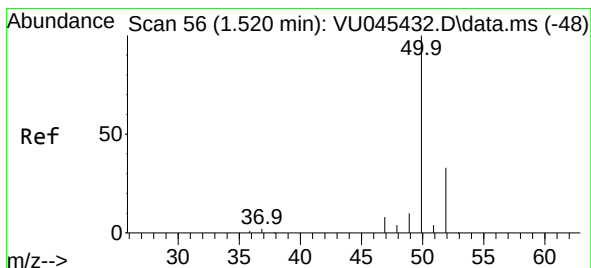
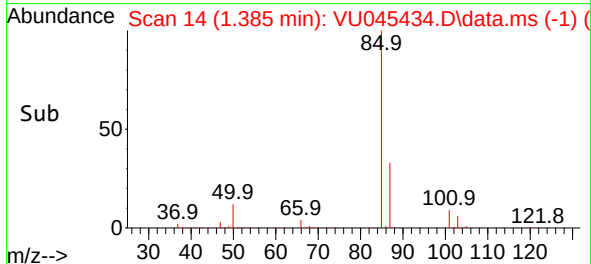
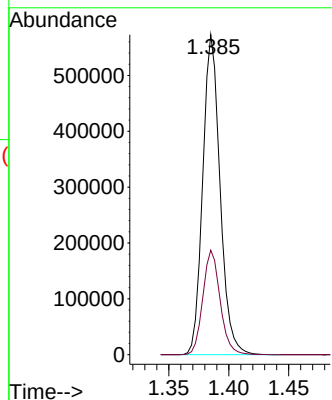
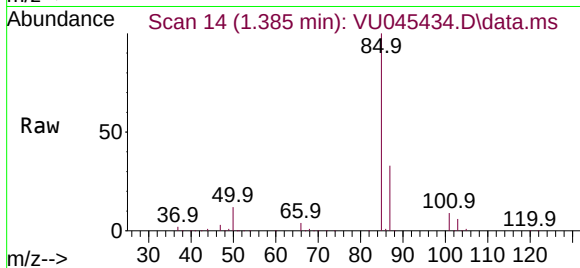




#2
Dichlorodifluoromethane
Concen: 231.995 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU045434.D
Acq: 28 Oct 2021 12:29

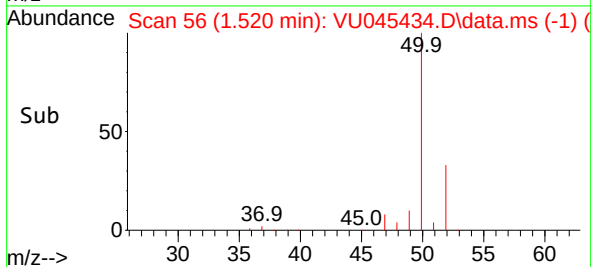
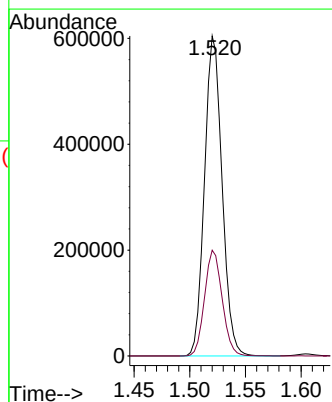
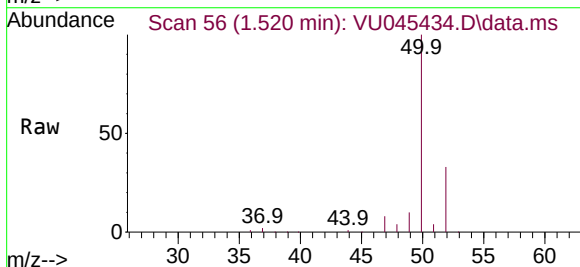
Instrument :
MSVOA_U
ClientSampleId :
VSTD200029

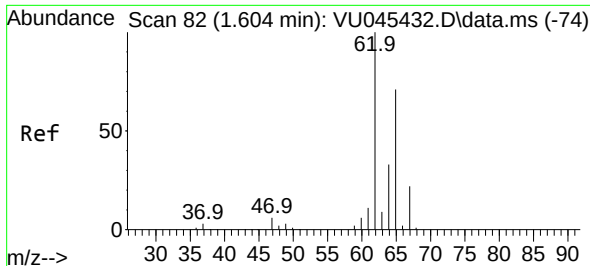
Tgt Ion: 85 Resp: 576411
Ion Ratio Lower Upper
85 100
87 32.5 26.0 39.0



#3
Chloromethane
Concen: 234.266 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU045434.D
Acq: 28 Oct 2021 12:29

Tgt Ion: 50 Resp: 663302
Ion Ratio Lower Upper
50 100
52 33.0 23.2 43.2

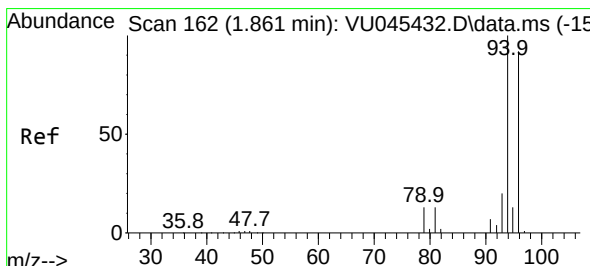
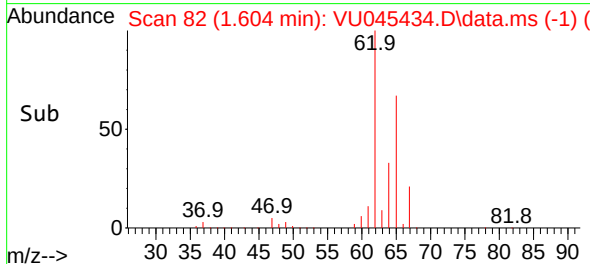
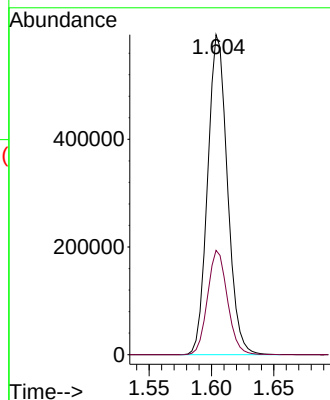
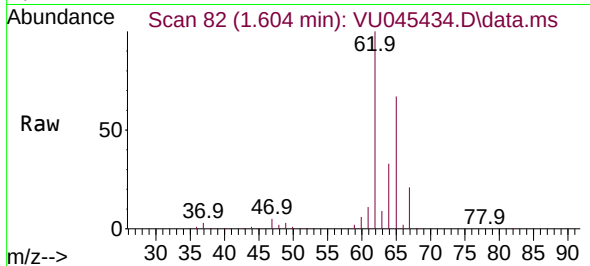




#5
 Vinyl chloride
 Concen: 216.204 ug/L
 RT: 1.604 min Scan# 82
 Delta R.T. 0.000 min
 Lab File: VU045434.D
 Acq: 28 Oct 2021 12:29

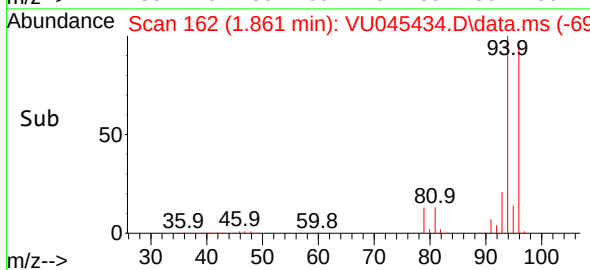
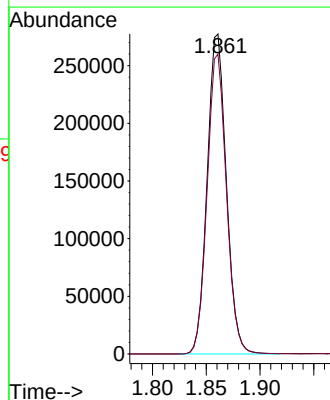
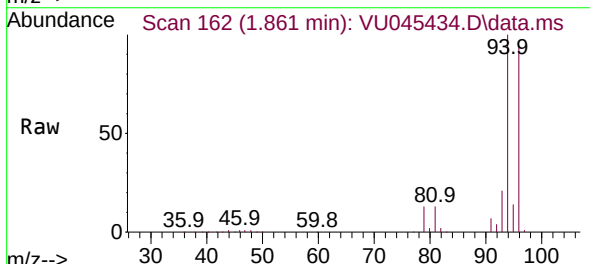
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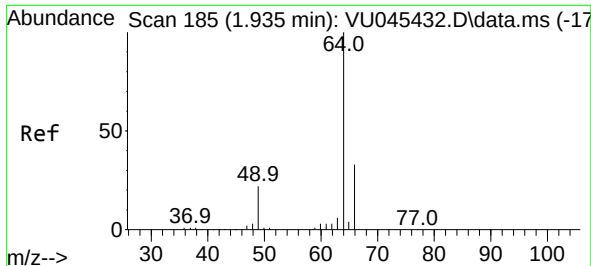
Tgt Ion: 62 Resp: 657577
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.3 43.3



#6
 Bromomethane
 Concen: 215.003 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. 0.000 min
 Lab File: VU045434.D
 Acq: 28 Oct 2021 12:29

Tgt Ion: 94 Resp: 344588
 Ion Ratio Lower Upper
 94 100
 96 93.7 64.9 120.5

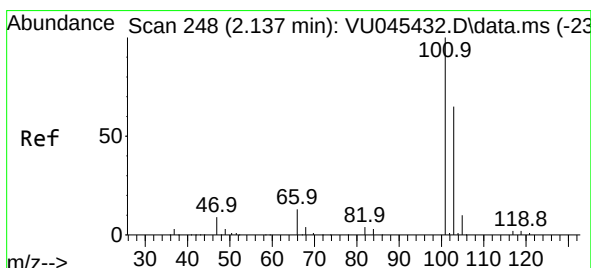
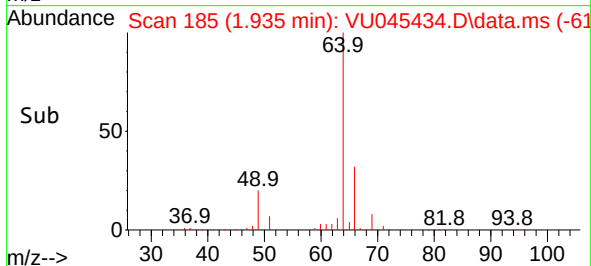
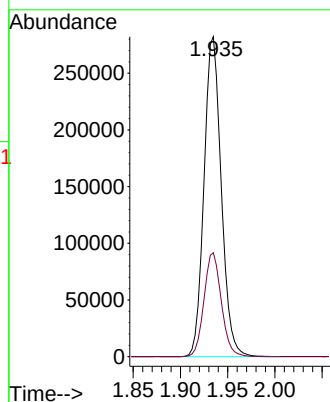
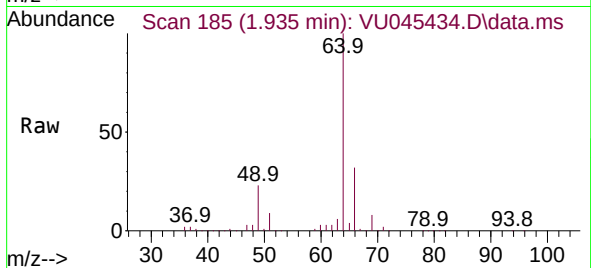




#8
Chloroethane
Concen: 192.955 ug/L
RT: 1.935 min Scan# 185
Delta R.T. 0.000 min
Lab File: VU045434.D
Acq: 28 Oct 2021 12:29

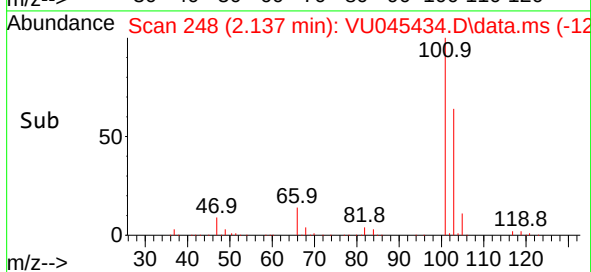
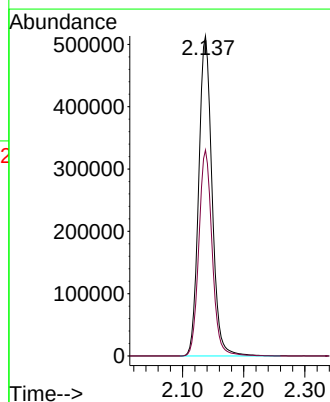
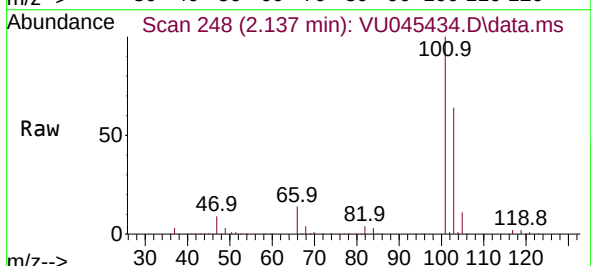
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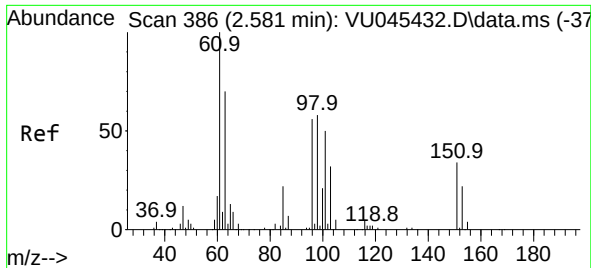
Tgt Ion: 64 Resp: 358216
Ion Ratio Lower Upper
64 100
66 32.5 23.2 43.2



#9
Trichlorofluoromethane
Concen: 210.736 ug/L
RT: 2.137 min Scan# 248
Delta R.T. 0.000 min
Lab File: VU045434.D
Acq: 28 Oct 2021 12:29

Tgt Ion:101 Resp: 776025
Ion Ratio Lower Upper
101 100
103 64.3 51.4 77.2

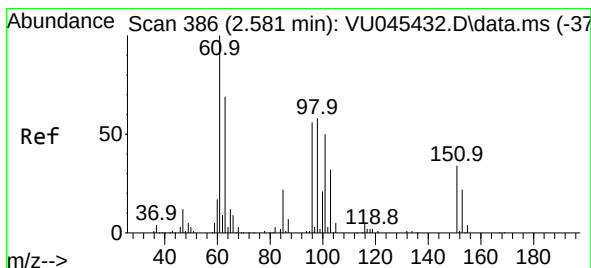
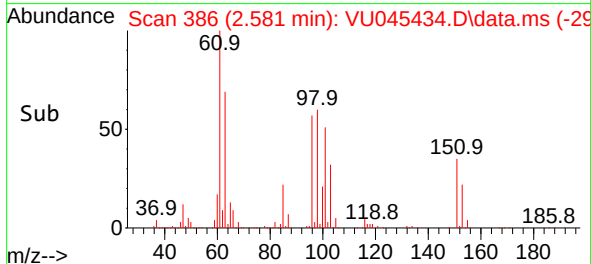
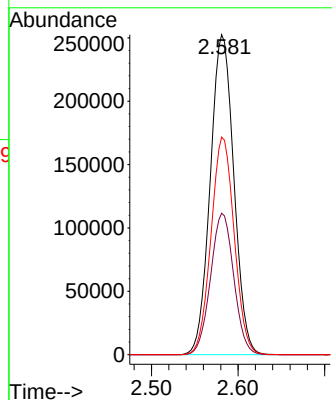
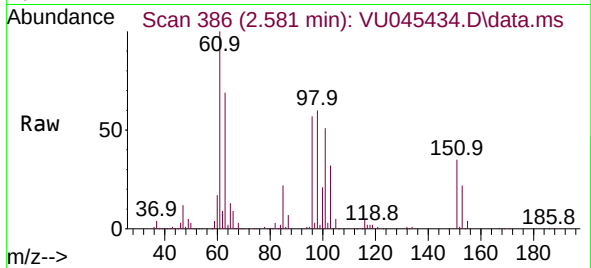




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 206.471 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. 0.000 min
 Lab File: VU045434.D
 Acq: 28 Oct 2021 12:29

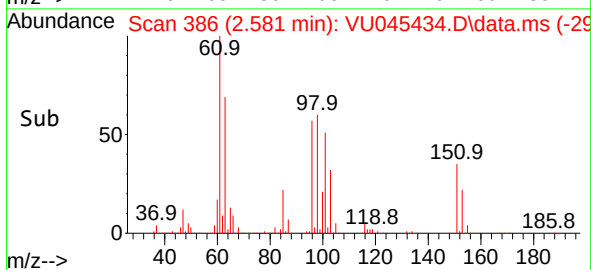
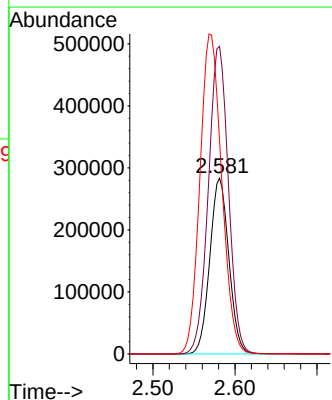
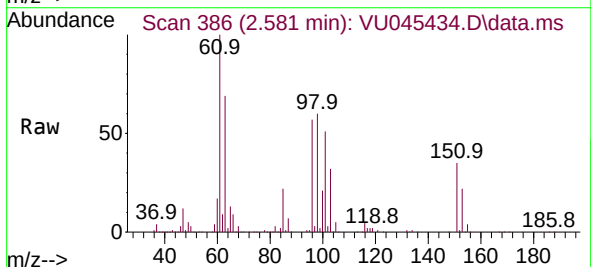
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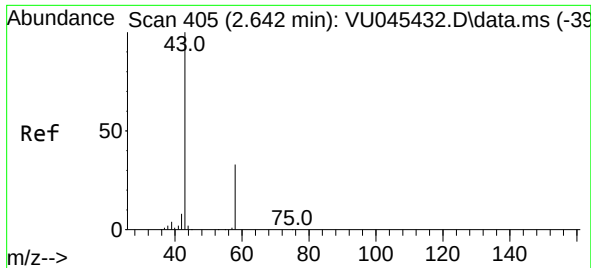
Tgt Ion:	101	Resp:	476986
Ion	Ratio	Lower	Upper
101	100		
85	43.6	34.8	52.2
151	67.0	54.6	81.8



#12
 1,1-Dichloroethene
 Concen: 213.351 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. 0.000 min
 Lab File: VU045434.D
 Acq: 28 Oct 2021 12:29

Tgt Ion:	96	Resp:	457730
Ion	Ratio	Lower	Upper
96	100		
61	174.9	126.3	234.5
63	121.2	89.2	165.8

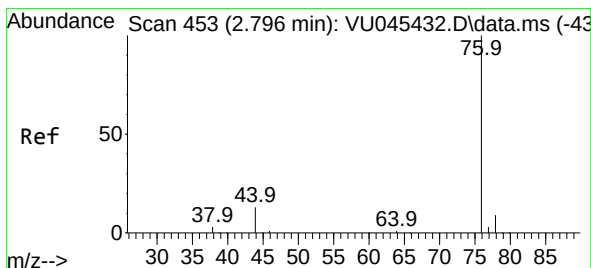
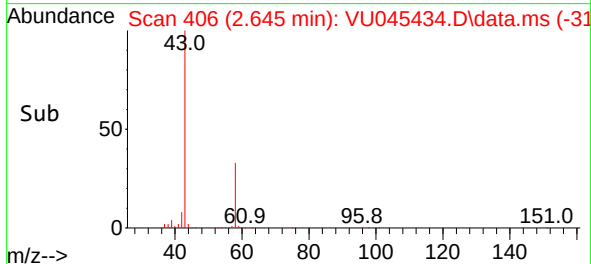
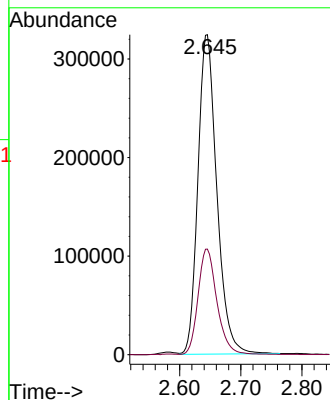
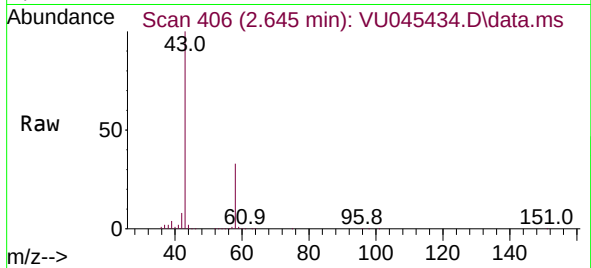




#13
Acetone
Concen: 300.078 ug/L
RT: 2.645 min Scan# 406
Delta R.T. 0.003 min
Lab File: VU045434.D
Acq: 28 Oct 2021 12:29

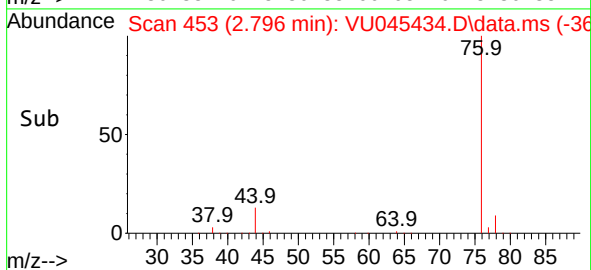
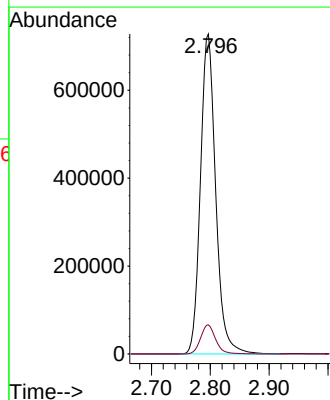
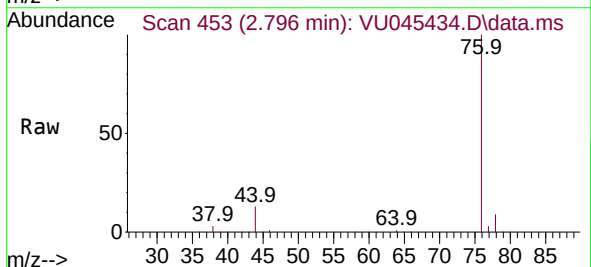
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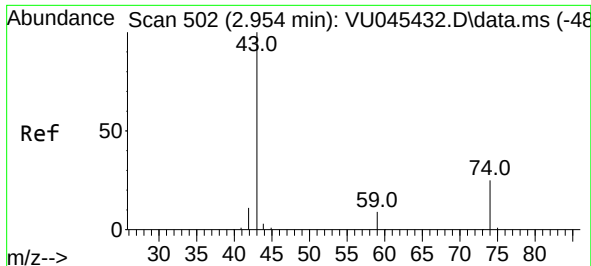
Tgt Ion: 43 Resp: 696024
Ion Ratio Lower Upper
43 100
58 32.8 0.0 66.2



#14
Carbon disulfide
Concen: 220.201 ug/L
RT: 2.796 min Scan# 453
Delta R.T. 0.000 min
Lab File: VU045434.D
Acq: 28 Oct 2021 12:29

Tgt Ion: 76 Resp: 1308690
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

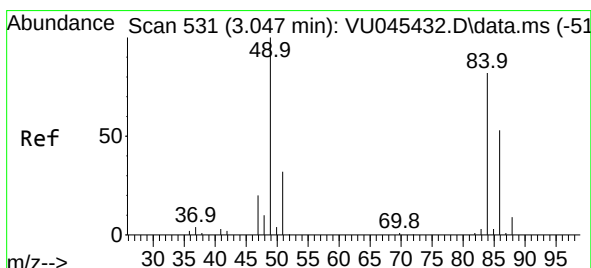
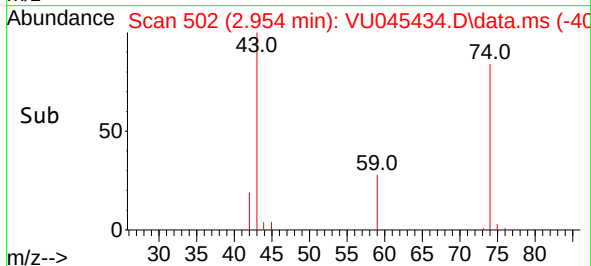
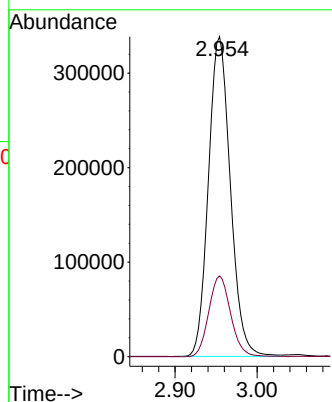
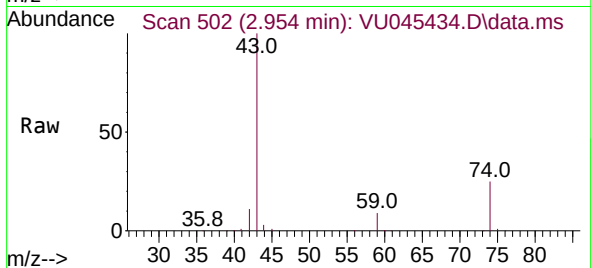




#15
Methyl Acetate
Concen: 204.726 ug/L
RT: 2.954 min Scan# 502
Delta R.T. 0.000 min
Lab File: VU045434.D
Acq: 28 Oct 2021 12:29

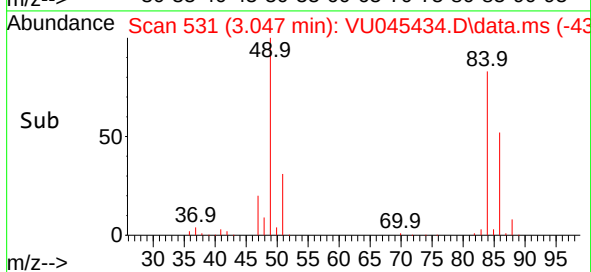
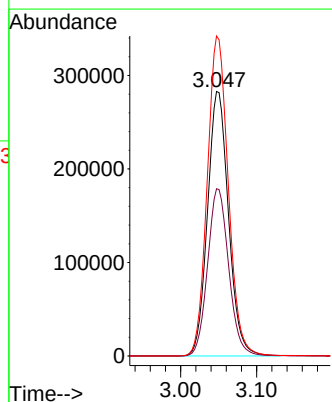
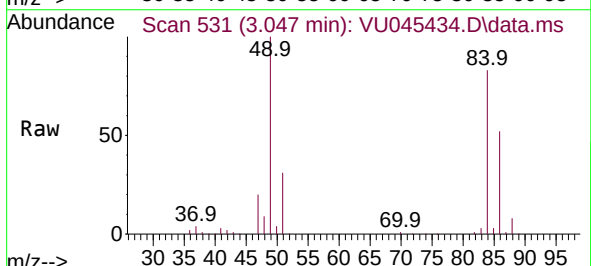
Instrument :
MSVOA_U
ClientSampleId :
VSTD200029

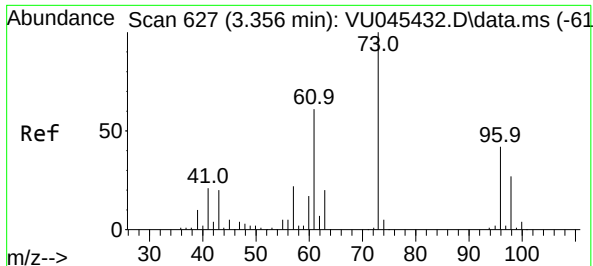
Tgt Ion: 43 Resp: 627736
Ion Ratio Lower Upper
43 100
74 25.2 20.0 30.0



#16
Methylene chloride
Concen: 197.953 ug/L
RT: 3.047 min Scan# 531
Delta R.T. 0.000 min
Lab File: VU045434.D
Acq: 28 Oct 2021 12:29

Tgt Ion: 84 Resp: 543030
Ion Ratio Lower Upper
84 100
86 63.2 45.8 85.2
49 121.0 85.9 159.5



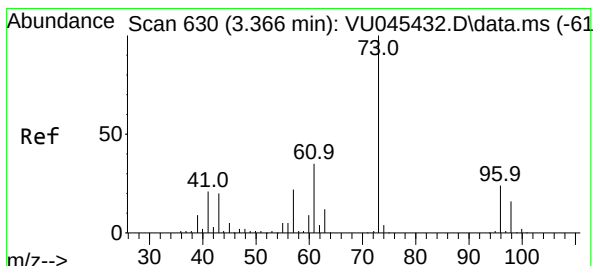
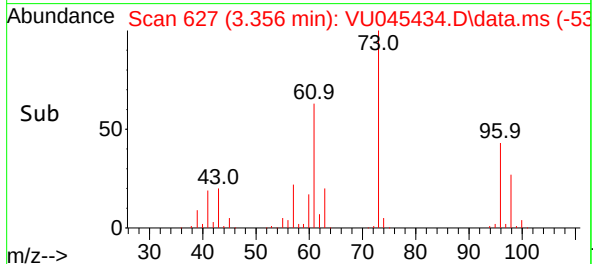
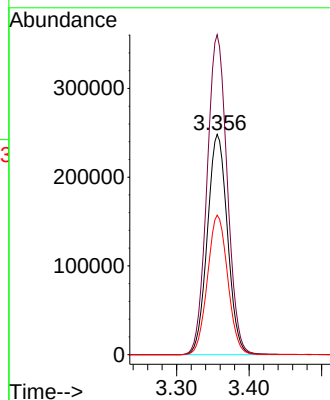
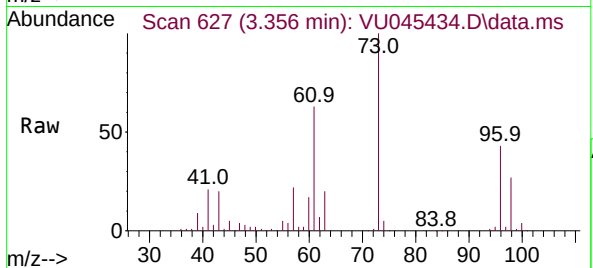


#17

trans-1,2-Dichloroethene
Concen: 208.387 ug/L
RT: 3.356 min Scan# 627
Delta R.T. 0.000 min
Lab File: VU045434.D
Acq: 28 Oct 2021 12:29

Instrument :
MSVOA_U
ClientSampleId :
VSTD200029

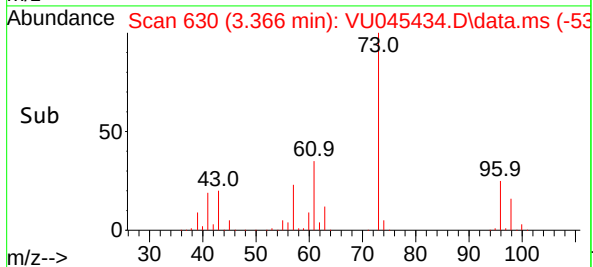
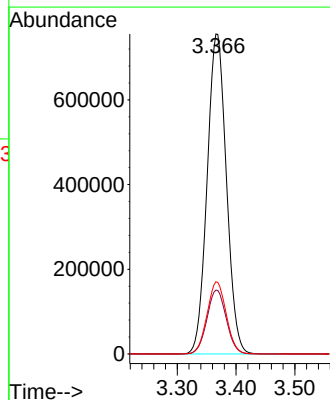
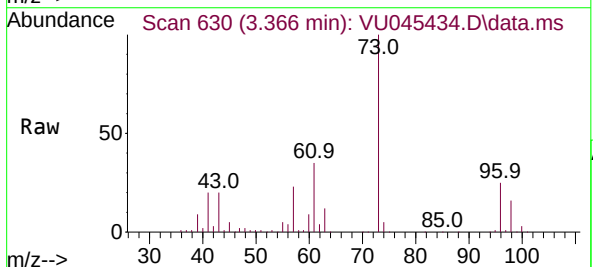
Tgt Ion: 96 Resp: 479980
Ion Ratio Lower Upper
96 100
61 145.3 101.8 189.2
98 63.3 45.1 83.7

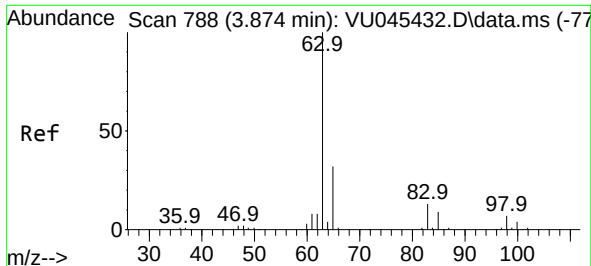


#18

Methyl tert-butyl Ether
Concen: 214.108 ug/L
RT: 3.366 min Scan# 630
Delta R.T. 0.000 min
Lab File: VU045434.D
Acq: 28 Oct 2021 12:29

Tgt Ion: 73 Resp: 1714539
Ion Ratio Lower Upper
73 100
43 20.1 16.2 24.4
57 22.5 18.1 27.1





#19

1,1-Dichloroethane

Concen: 203.545 ug/L

RT: 3.874 min Scan# 788

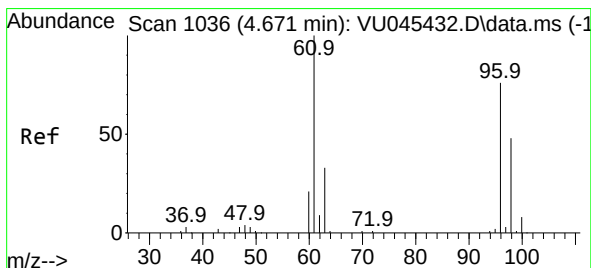
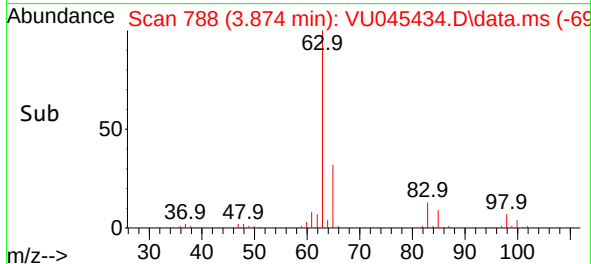
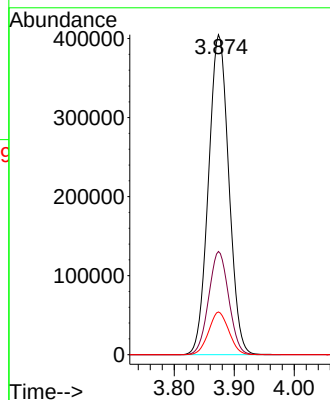
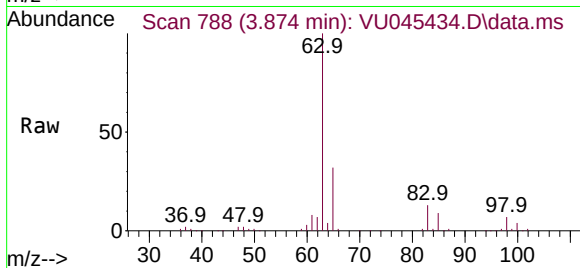
Delta R.T. 0.000 min

Lab File: VU045434.D

Acq: 28 Oct 2021 12:29

Tgt Ion: 63 Resp: 954017

Ion	Ratio	Lower	Upper
63	100		
65	32.3	22.4	41.6
83	13.4	9.0	16.6



#20

cis-1,2-Dichloroethene

Concen: 211.340 ug/L

RT: 4.671 min Scan# 1036

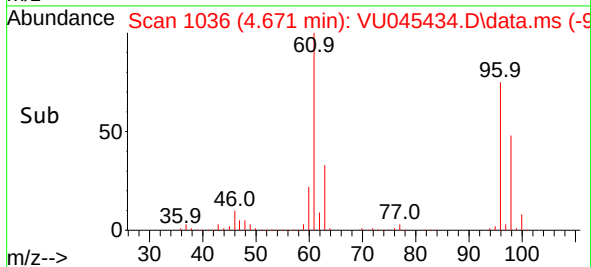
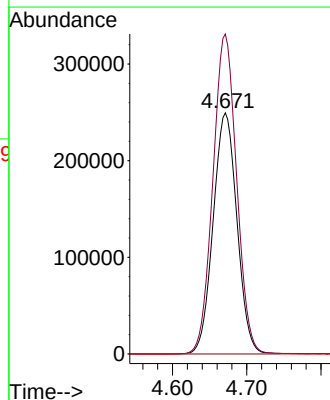
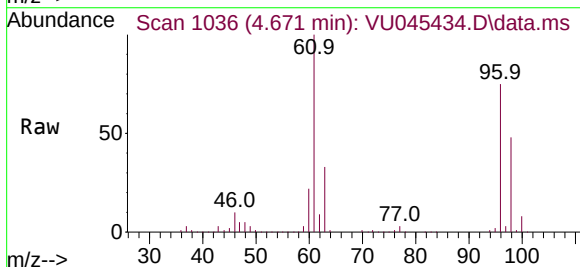
Delta R.T. 0.000 min

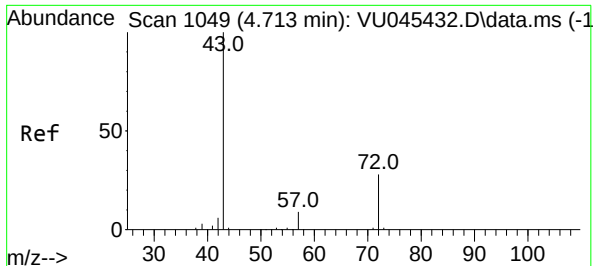
Lab File: VU045434.D

Acq: 28 Oct 2021 12:29

Tgt Ion: 96 Resp: 555789

Ion	Ratio	Lower	Upper
96	100		
61	132.7	92.8	172.4
68	0.0	0.0	0.0

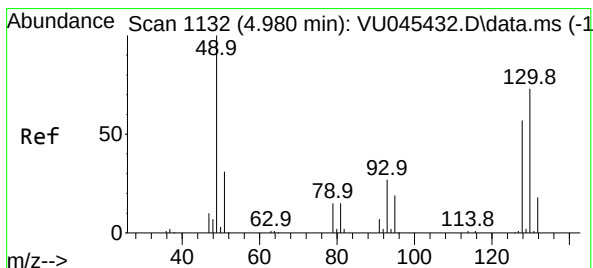
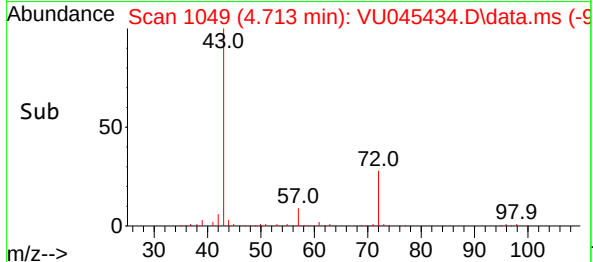
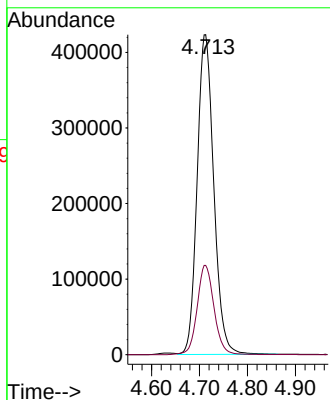
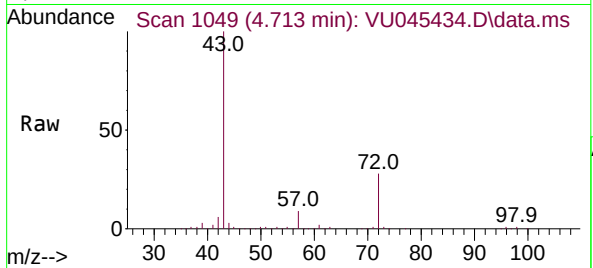




#22
2-Butanone
Concen: 384.340 ug/L
RT: 4.713 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VU045434.D
Acq: 28 Oct 2021 12:29

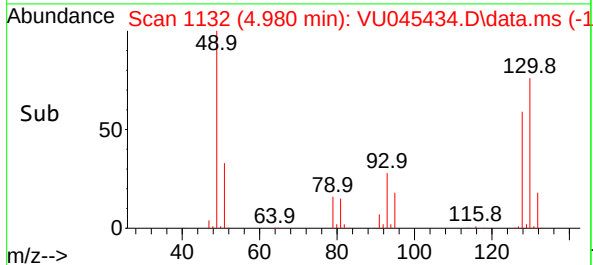
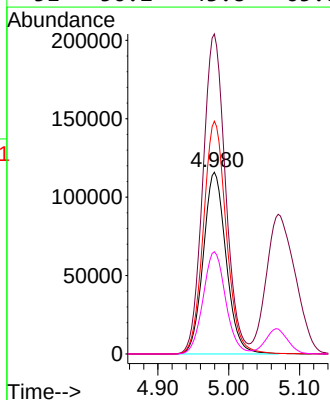
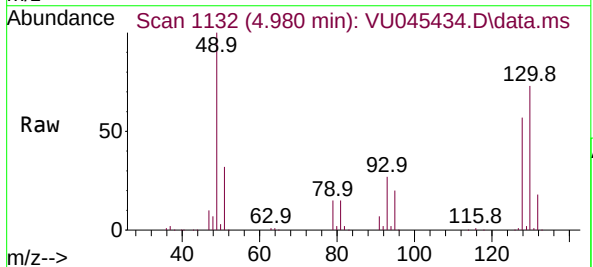
Instrument :
MSVOA_U
ClientSampleId :
VSTD200029

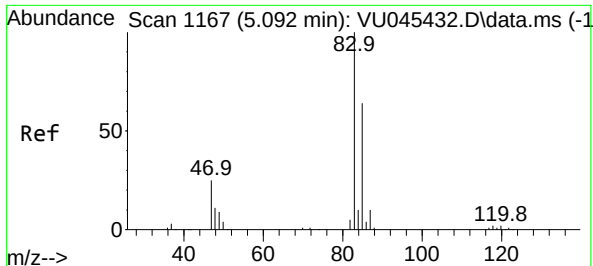
Tgt Ion: 43 Resp: 1018538
Ion Ratio Lower Upper
43 100
72 28.4 14.4 43.2



#23
Bromochloromethane
Concen: 201.423 ug/L
RT: 4.980 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VU045434.D
Acq: 28 Oct 2021 12:29

Tgt Ion:128 Resp: 259132
Ion Ratio Lower Upper
128 100
49 176.0 123.1 228.5
130 128.1 89.8 166.8
51 56.2 43.8 65.8



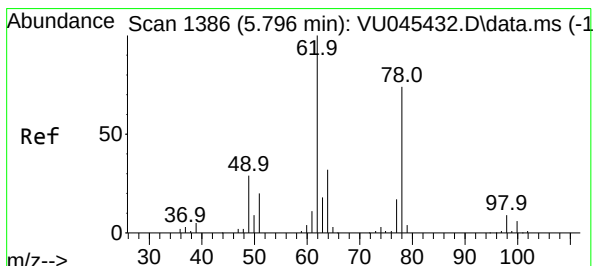
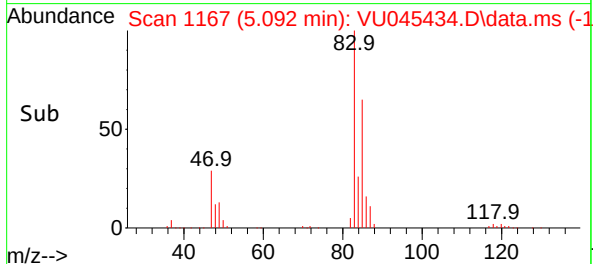
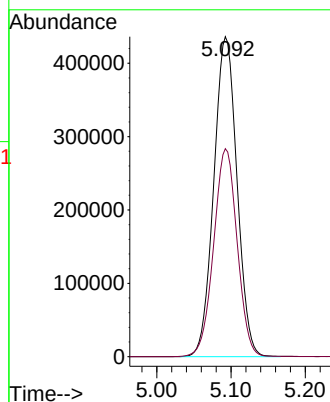
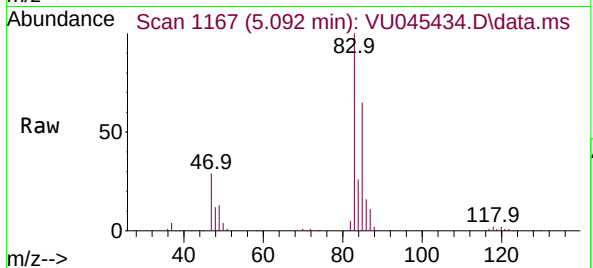


#25

Chloroform
Concen: 199.883 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VU045434.D
Acq: 28 Oct 2021 12:29

Instrument :
MSVOA_U
ClientSampleId :
VSTD200029

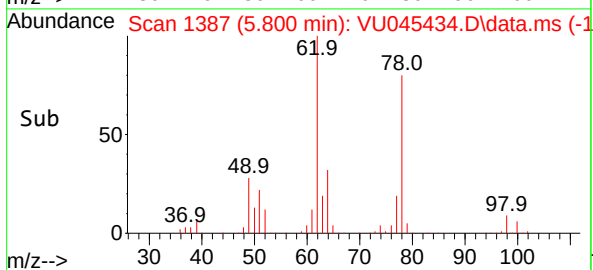
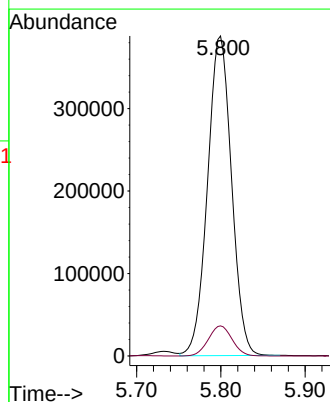
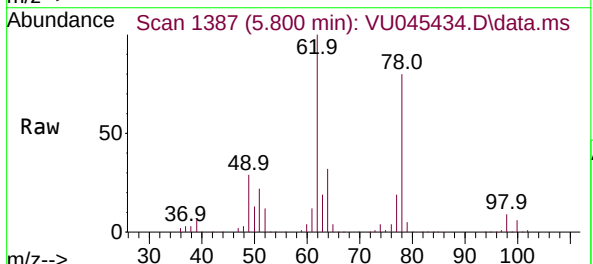
Tgt Ion: 83 Resp: 947288
Ion Ratio Lower Upper
83 100
85 65.0 45.0 83.6

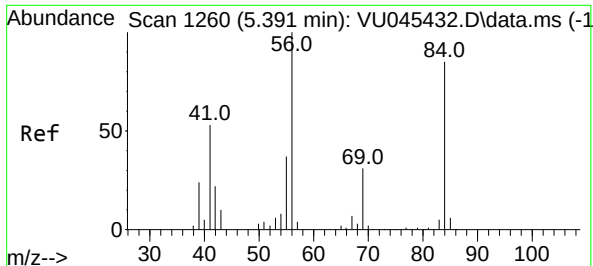


#27

1,2-Dichloroethane
Concen: 200.965 ug/L
RT: 5.800 min Scan# 1387
Delta R.T. 0.003 min
Lab File: VU045434.D
Acq: 28 Oct 2021 12:29

Tgt Ion: 62 Resp: 766411
Ion Ratio Lower Upper
62 100
98 9.4 7.4 11.0





#29

Cyclohexane

Concen: 234.462 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. 0.000 min

Lab File: VU045434.D

Acq: 28 Oct 2021 12:29

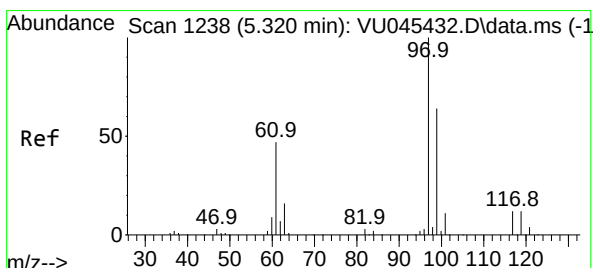
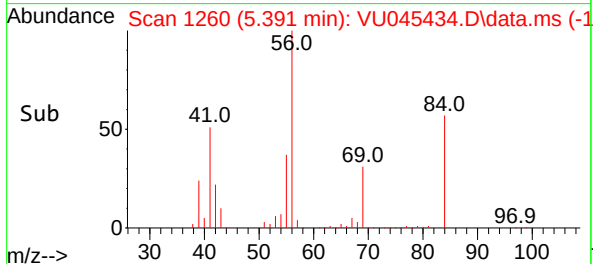
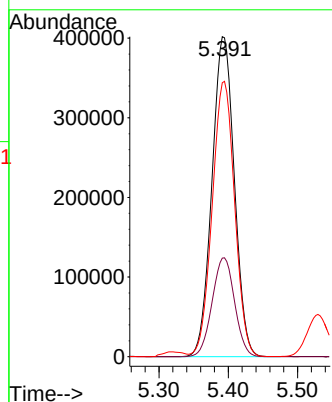
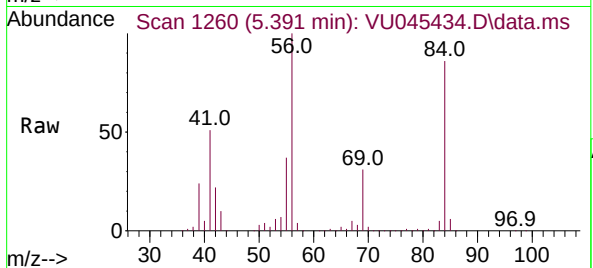
Tgt Ion: 56 Resp: 902096

Ion Ratio Lower Upper

56 100

69 31.0 25.0 37.4

84 86.3 69.9 104.9



#30

1,1,1-Trichloroethane

Concen: 213.443 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VU045434.D

Acq: 28 Oct 2021 12:29

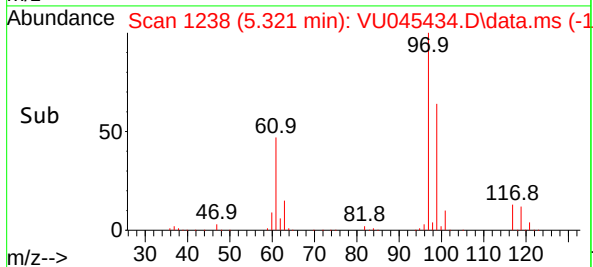
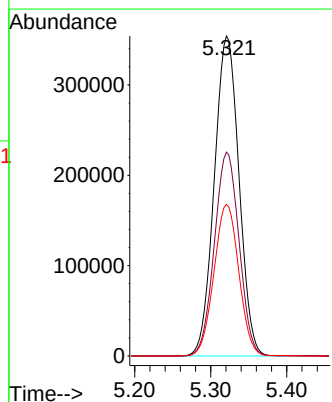
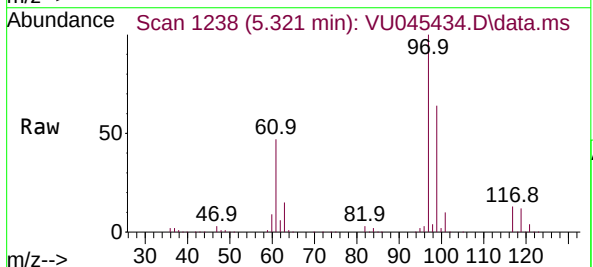
Tgt Ion: 97 Resp: 799424

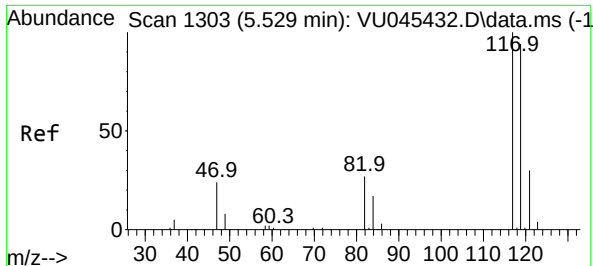
Ion Ratio Lower Upper

97 100

99 63.8 51.3 76.9

61 47.8 38.8 58.2

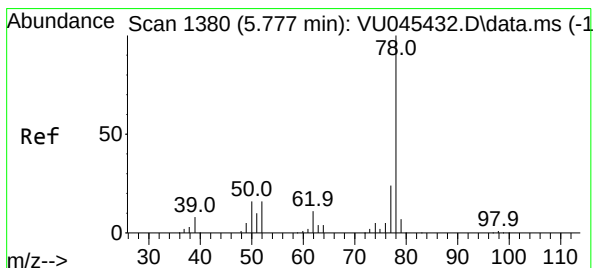
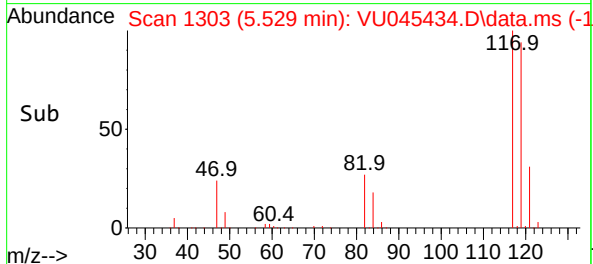
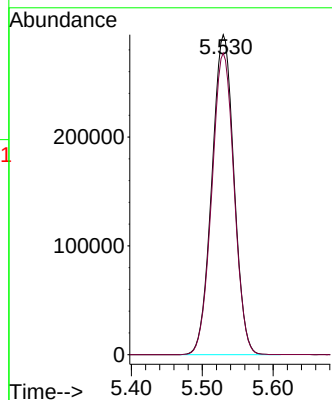
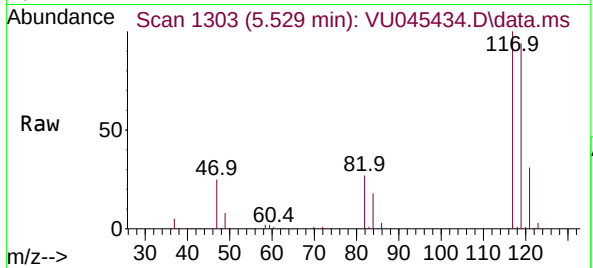




#31
Carbon tetrachloride
Concen: 220.200 ug/L
RT: 5.529 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VU045434.D
Acq: 28 Oct 2021 12:29

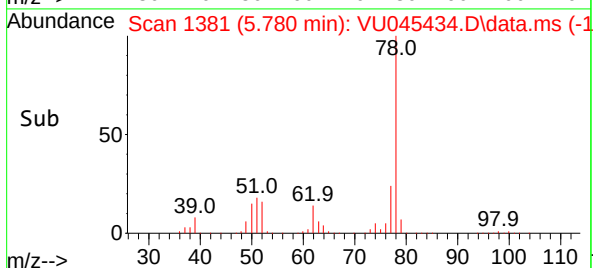
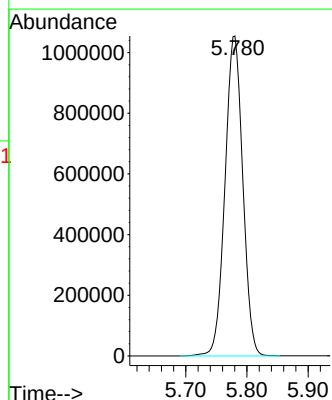
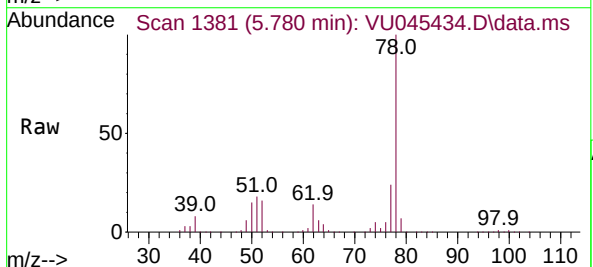
Instrument :
MSVOA_U
ClientSampleId :
VSTD200029

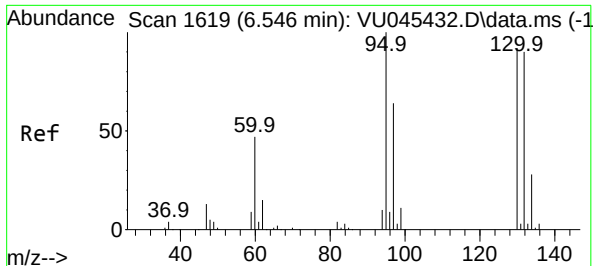
Tgt Ion:117 Resp: 637651
Ion Ratio Lower Upper
117 100
119 94.9 77.0 115.4



#33
Benzene
Concen: 214.620 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. 0.003 min
Lab File: VU045434.D
Acq: 28 Oct 2021 12:29

Tgt Ion: 78 Resp: 2130540



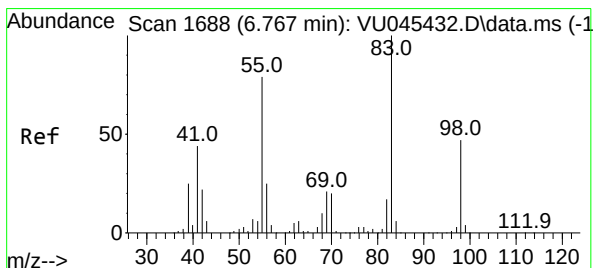
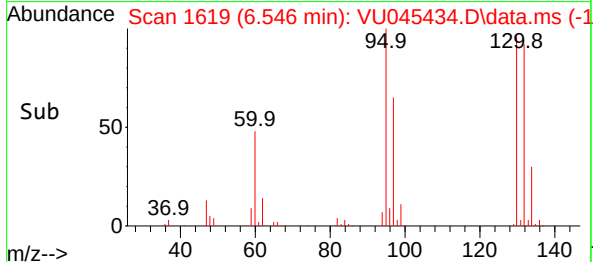
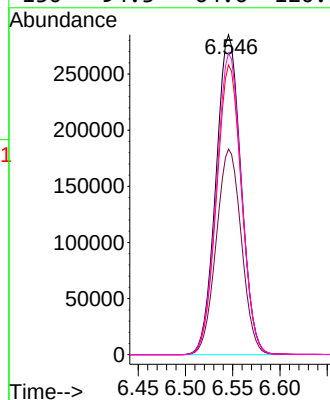
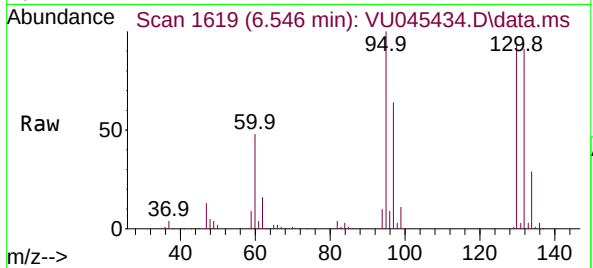


#34
Trichloroethene
Concen: 215.935 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU045434.D
Acq: 28 Oct 2021 12:29

Instrument :
MSVOA_U
ClientSampleId :
VSTD200029

Tgt Ion: 95 Resp: 525512

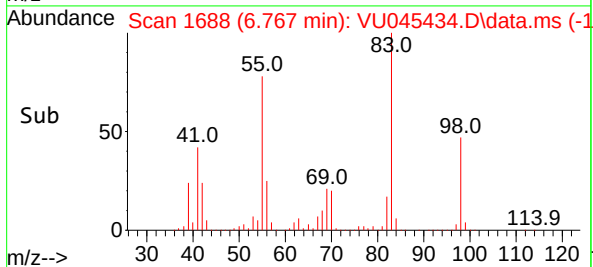
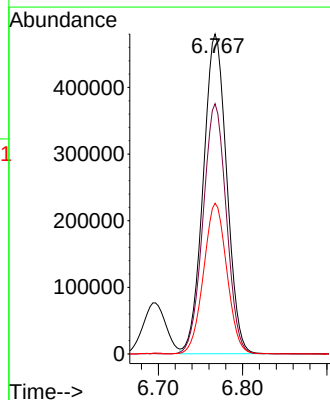
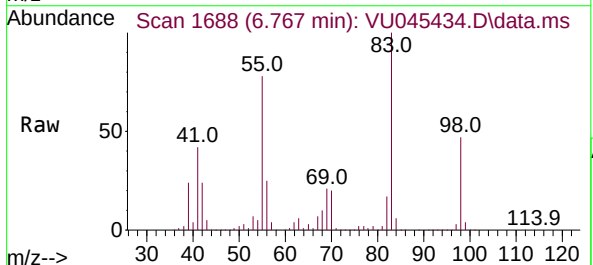
Ion	Ratio	Lower	Upper
95	100		
97	64.2	45.0	83.6
132	90.5	63.3	117.7
130	94.3	64.6	120.0

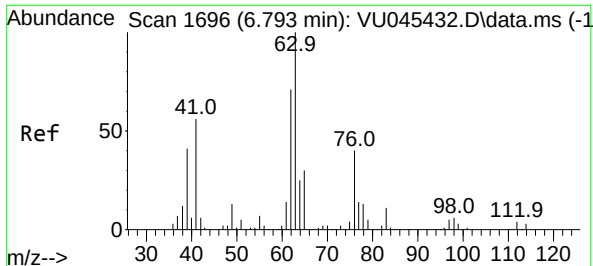


#35
Methylcyclohexane
Concen: 237.859 ug/L
RT: 6.767 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VU045434.D
Acq: 28 Oct 2021 12:29

Tgt Ion: 83 Resp: 930047

Ion	Ratio	Lower	Upper
83	100		
55	77.8	62.8	94.2
98	46.9	37.4	56.2

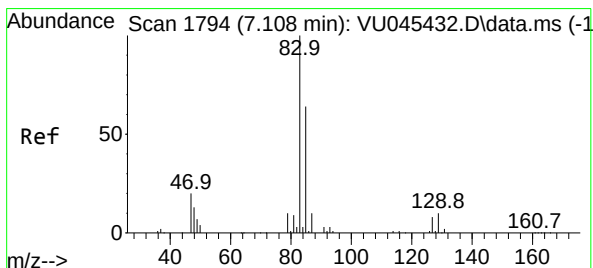
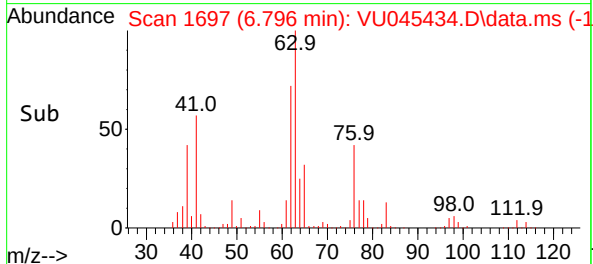
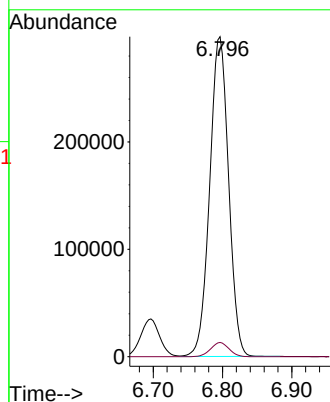
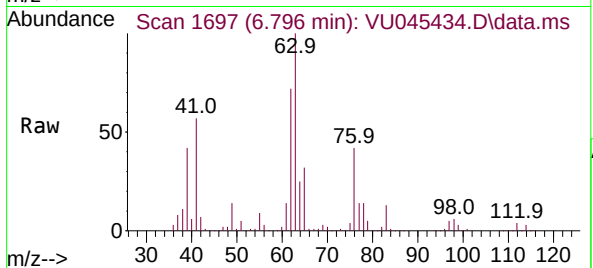




#37
1,2-Dichloropropane
Concen: 209.717 ug/L
RT: 6.796 min Scan# 1697
Delta R.T. 0.003 min
Lab File: VU045434.D
Acq: 28 Oct 2021 12:29

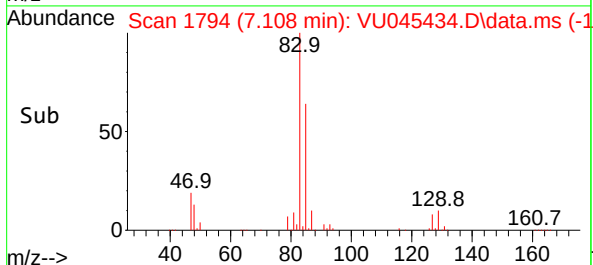
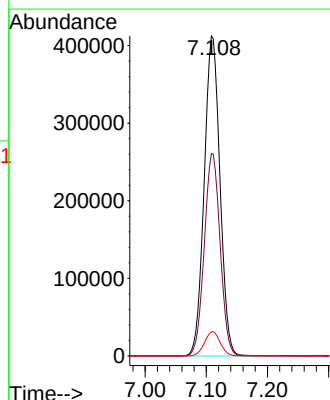
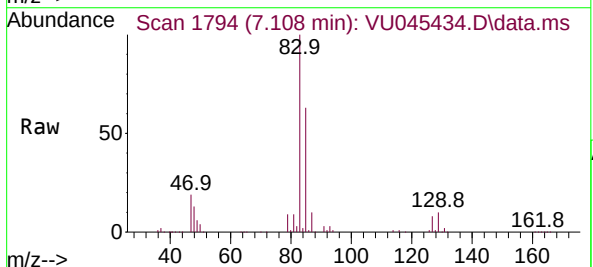
Instrument :
MSVOA_U
ClientSampleId :
VSTD200029

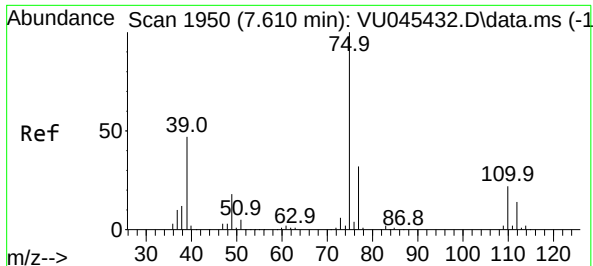
Tgt Ion: 63 Resp: 562931
Ion Ratio Lower Upper
63 100
112 4.3 3.4 5.2



#38
Bromodichloromethane
Concen: 213.536 ug/L
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU045434.D
Acq: 28 Oct 2021 12:29

Tgt Ion: 83 Resp: 739339
Ion Ratio Lower Upper
83 100
85 63.3 45.1 83.9
127 7.6 6.2 9.2



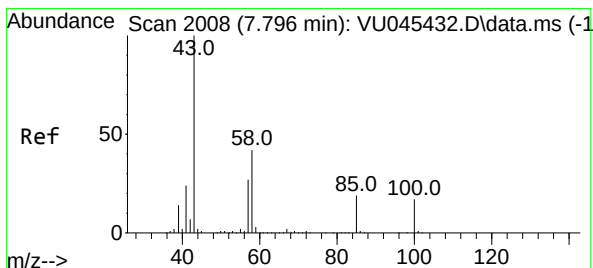
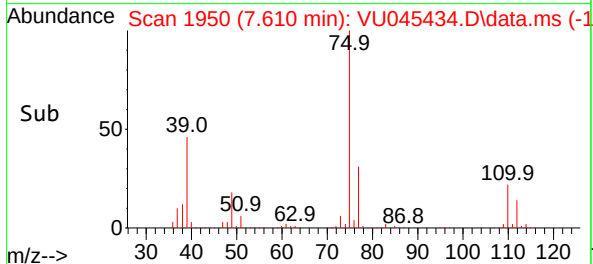
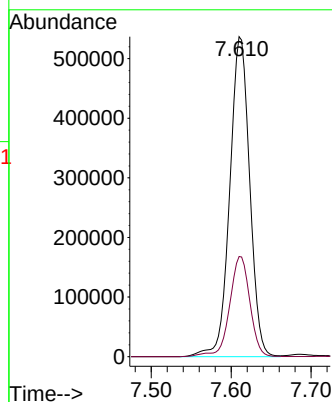
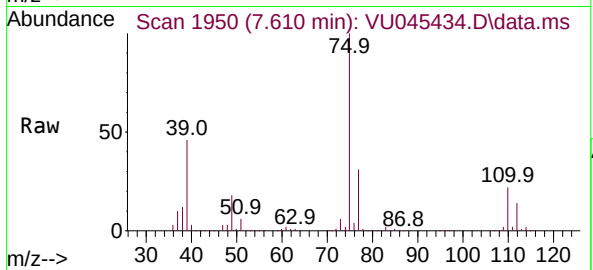


#39

cis-1,3-Dichloropropene
Concen: 230.121 ug/L
RT: 7.610 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VU045434.D
Acq: 28 Oct 2021 12:29

Instrument :
MSVOA_U
ClientSampleId :
VSTD200029

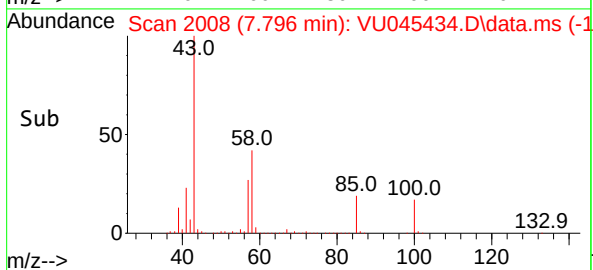
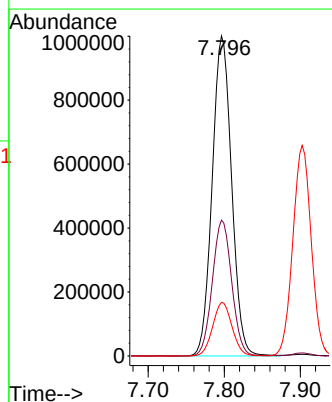
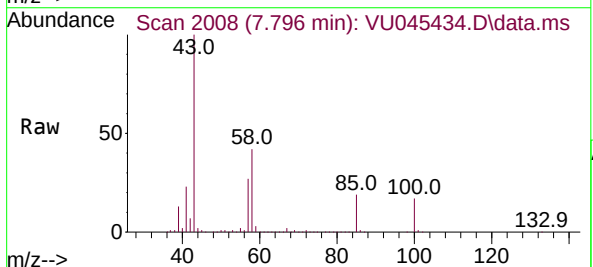
Tgt Ion: 75 Resp: 929146
Ion Ratio Lower Upper
75 100
77 31.3 22.7 42.1

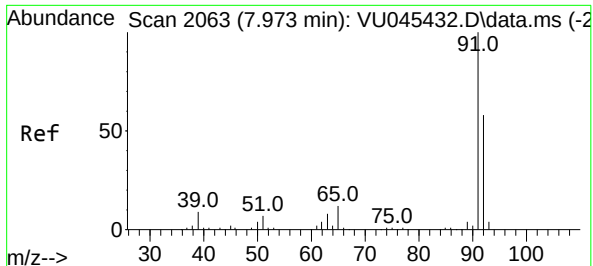


#40

4-Methyl-2-pentanone
Concen: 435.563 ug/L
RT: 7.796 min Scan# 2008
Delta R.T. 0.000 min
Lab File: VU045434.D
Acq: 28 Oct 2021 12:29

Tgt Ion: 43 Resp: 1774158
Ion Ratio Lower Upper
43 100
58 42.4 33.9 50.9
100 16.7 13.3 19.9

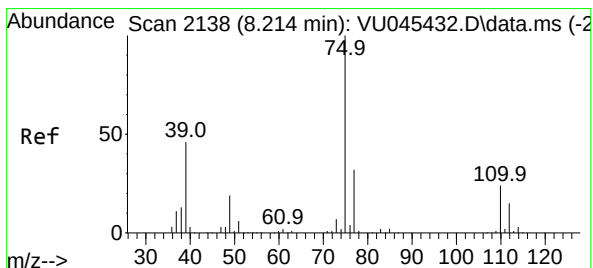
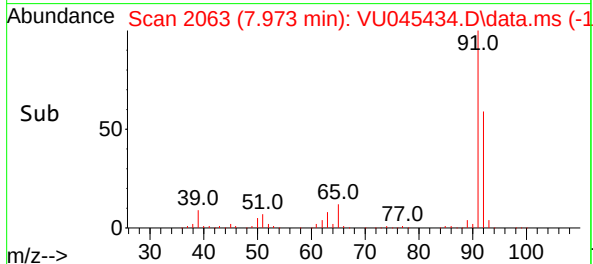
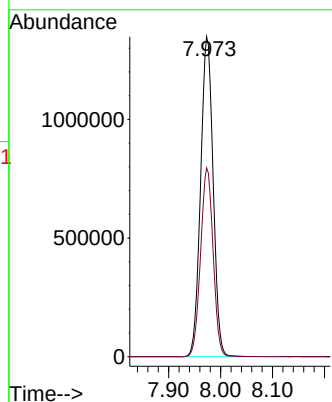
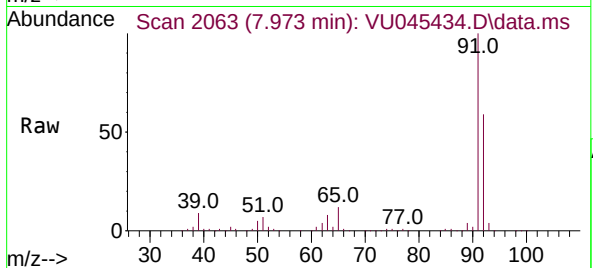




#42
Toluene
Concen: 218.003 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045434.D
Acq: 28 Oct 2021 12:29

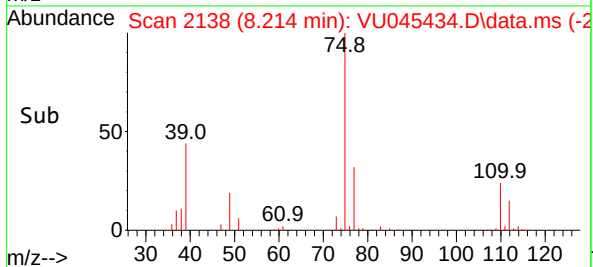
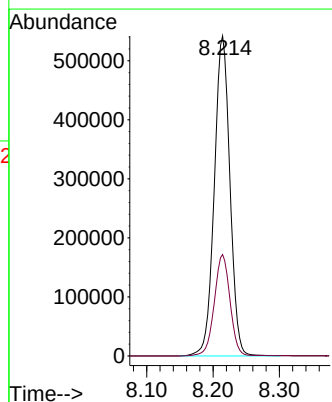
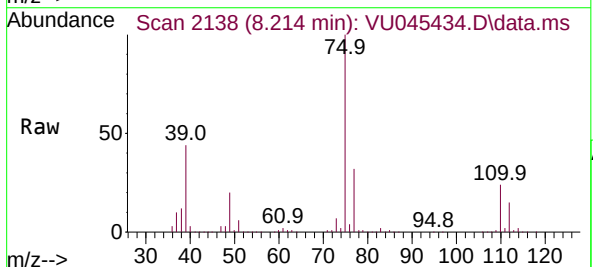
Instrument :
MSVOA_U
ClientSampleId :
VSTD200029

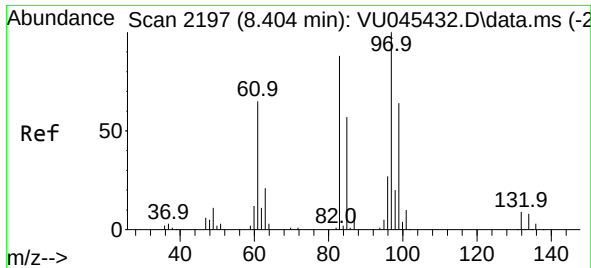
Tgt Ion: 91 Resp: 2258708
Ion Ratio Lower Upper
91 100
92 59.0 40.7 75.7



#44
trans-1,3-Dichloropropene
Concen: 230.737 ug/L
RT: 8.214 min Scan# 2138
Delta R.T. 0.000 min
Lab File: VU045434.D
Acq: 28 Oct 2021 12:29

Tgt Ion: 75 Resp: 887669
Ion Ratio Lower Upper
75 100
77 31.7 22.7 42.1

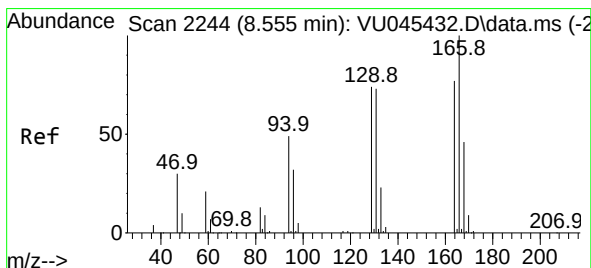
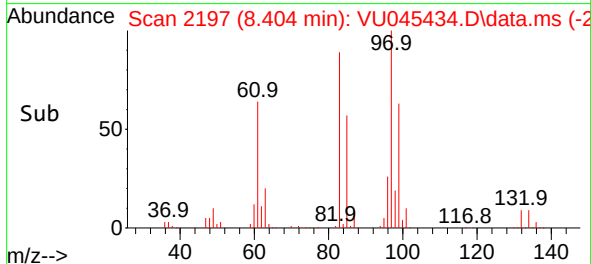
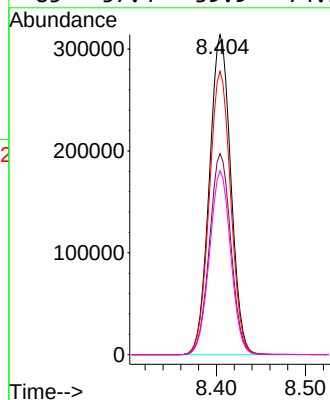
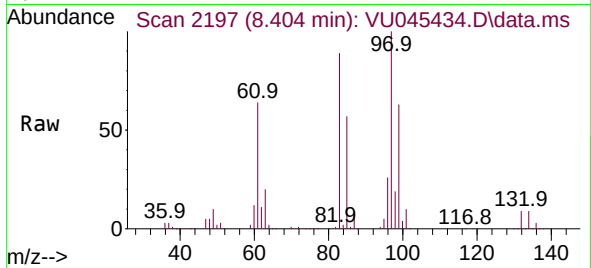




#45
1,1,2-Trichloroethane
Concen: 205.204 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU045434.D
Acq: 28 Oct 2021 12:29

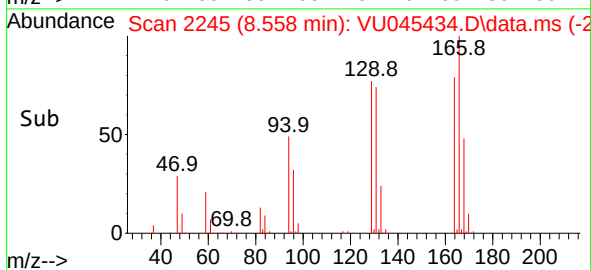
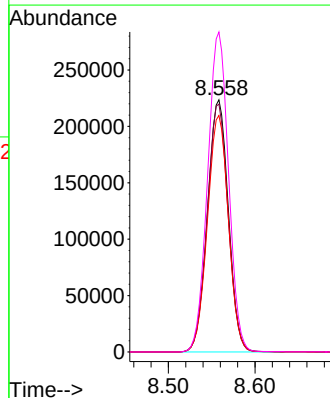
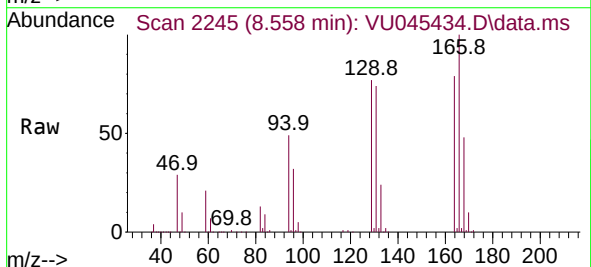
Instrument :
MSVOA_U
ClientSampleId :
VSTD200029

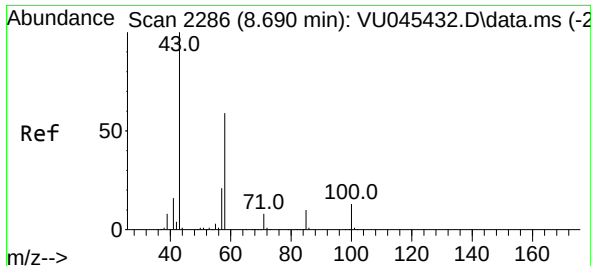
Tgt Ion:	97	Resp:	525223
Ion	Ratio	Lower	Upper
97	100		
99	62.9	44.7	82.9
83	88.6	61.5	114.1
85	57.4	39.9	74.1



#46
Tetrachloroethene
Concen: 221.497 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU045434.D
Acq: 28 Oct 2021 12:29

Tgt Ion:	164	Resp:	376041
Ion	Ratio	Lower	Upper
164	100		
129	98.3	66.8	124.2
131	93.8	65.6	121.8
166	126.9	90.4	168.0



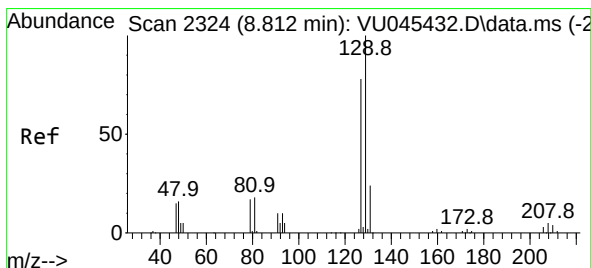
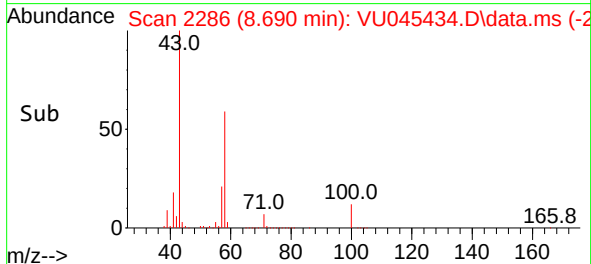
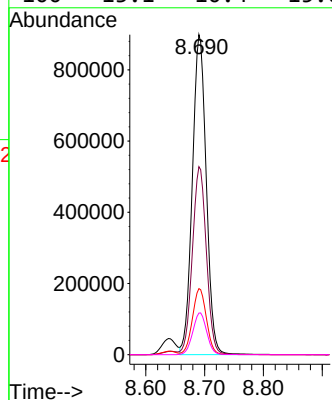
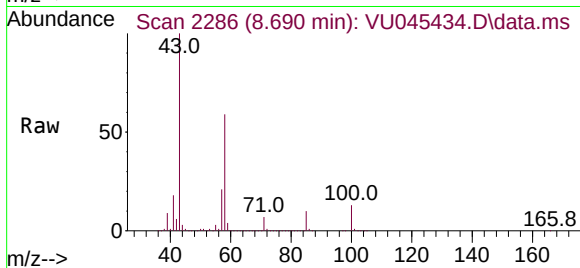


#48
2-Hexanone
Concen: 431.438 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. 0.000 min
Lab File: VU045434.D
Acq: 28 Oct 2021 12:29

Instrument :
MSVOA_U
ClientSampleId :
VSTD200029

Tgt Ion: 43 Resp: 1475255

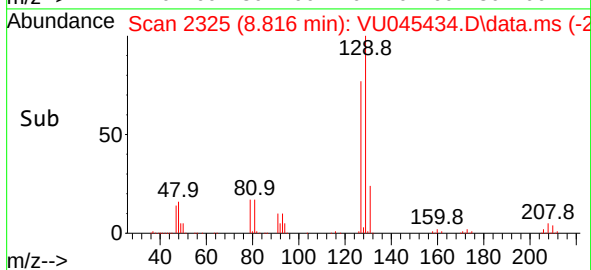
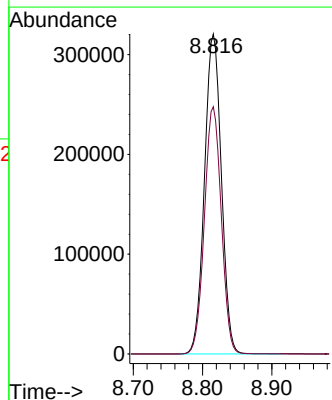
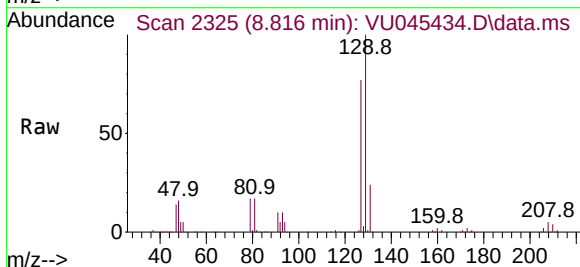
Ion	Ratio	Lower	Upper
43	100		
58	59.1	47.0	70.4
57	20.7	16.3	24.5
100	13.1	10.4	15.6

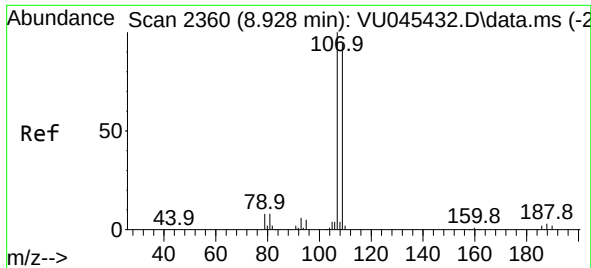


#49
Dibromochloromethane
Concen: 217.135 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. 0.003 min
Lab File: VU045434.D
Acq: 28 Oct 2021 12:29

Tgt Ion: 129 Resp: 541778

Ion	Ratio	Lower	Upper
129	100		
127	77.3	54.9	101.9

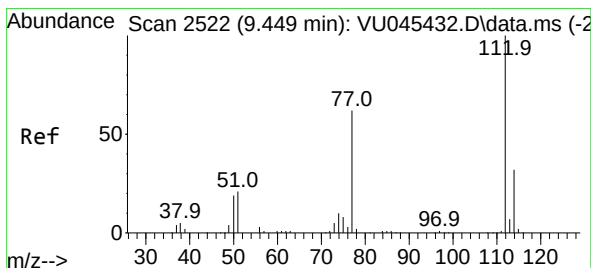
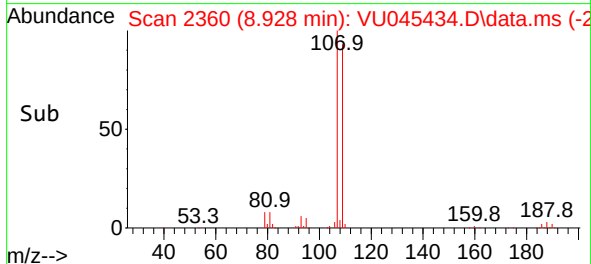
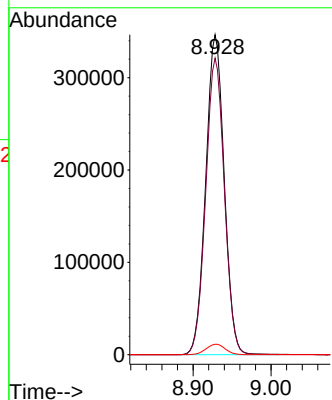
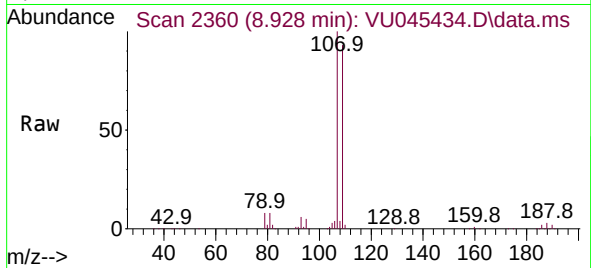




#50
1,2-Dibromoethane
Concen: 215.647 ug/L
RT: 8.928 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VU045434.D
Acq: 28 Oct 2021 12:29

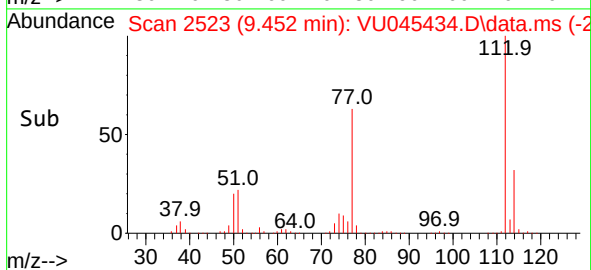
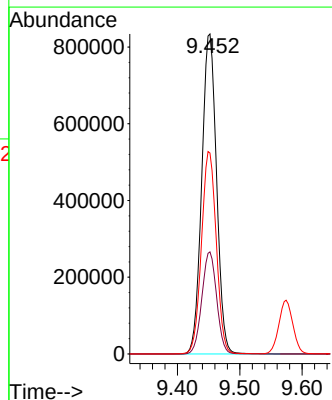
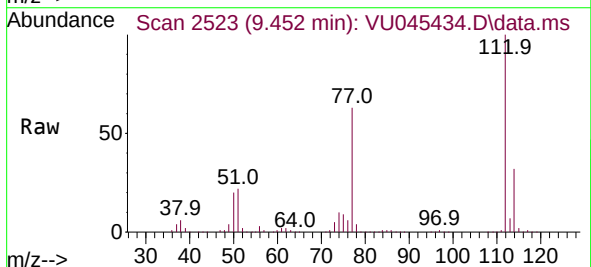
Instrument :
MSVOA_U
ClientSampleId :
VSTD200029

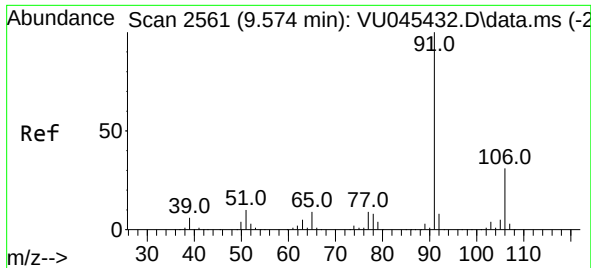
Tgt Ion:107 Resp: 571860
Ion Ratio Lower Upper
107 100
109 92.7 66.1 122.8
188 3.3 2.8 4.2



#51
Chlorobenzene
Concen: 211.259 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. 0.003 min
Lab File: VU045434.D
Acq: 28 Oct 2021 12:29

Tgt Ion:112 Resp: 1375347
Ion Ratio Lower Upper
112 100
114 31.9 22.5 41.7
77 62.8 49.8 74.6

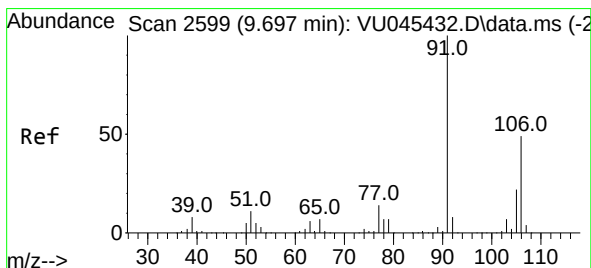
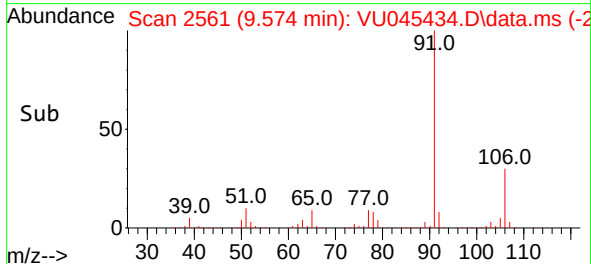
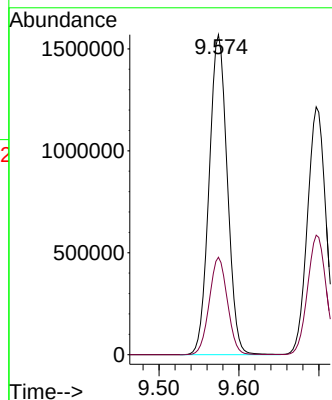
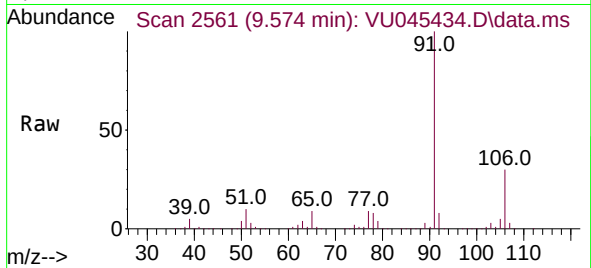




#52
Ethylbenzene
Concen: 221.607 ug/L
RT: 9.574 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU045434.D
Acq: 28 Oct 2021 12:29

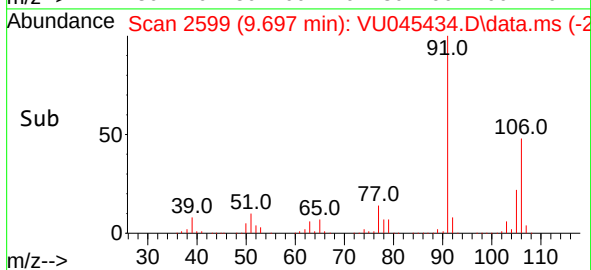
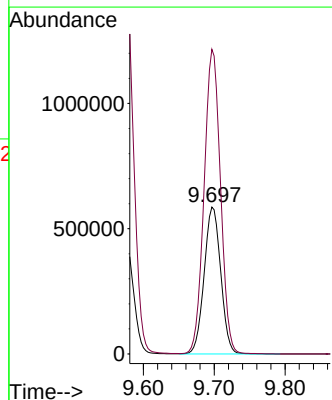
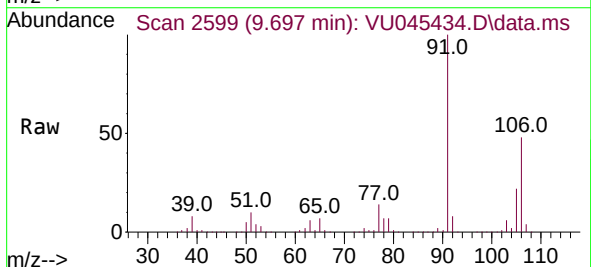
Instrument :
MSVOA_U
ClientSampleId :
VSTD200029

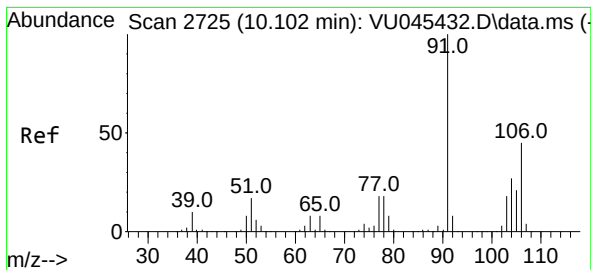
Tgt Ion: 91 Resp: 2476363
Ion Ratio Lower Upper
91 100
106 30.4 21.7 40.3



#53
m,p-Xylene
Concen: 223.376 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU045434.D
Acq: 28 Oct 2021 12:29

Tgt Ion:106 Resp: 952096
Ion Ratio Lower Upper
106 100
91 207.3 142.2 264.2

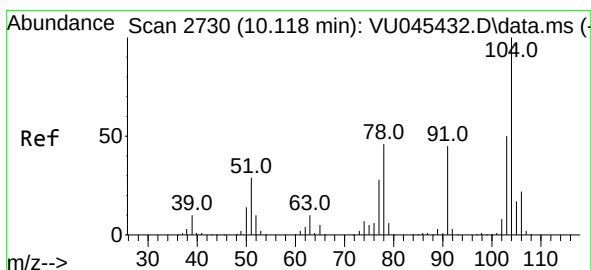
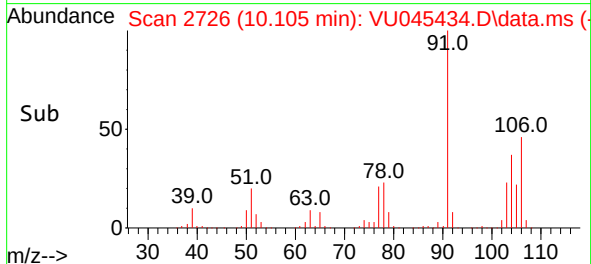
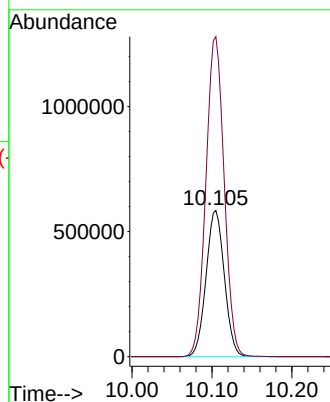
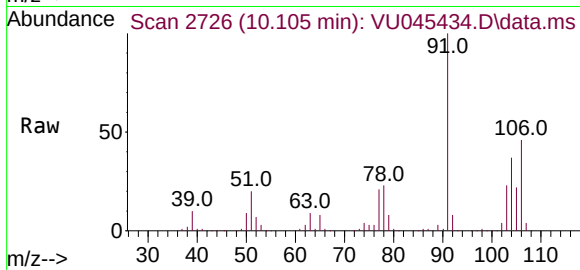




#54
o-xylene
Concen: 218.681 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. 0.003 min
Lab File: VU045434.D
Acq: 28 Oct 2021 12:29

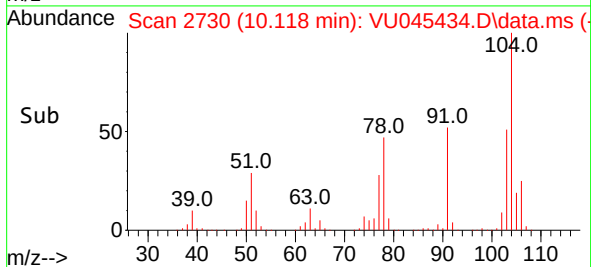
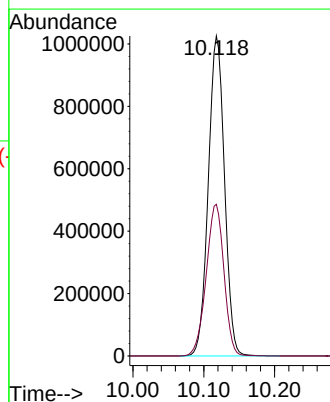
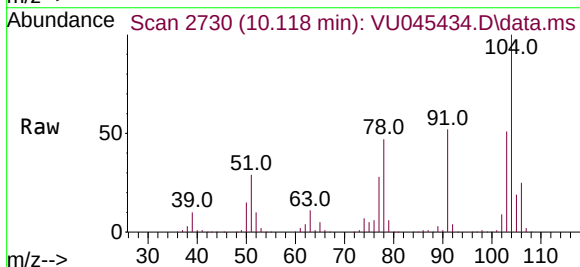
Instrument :
MSVOA_U
ClientSampleId :
VSTD200029

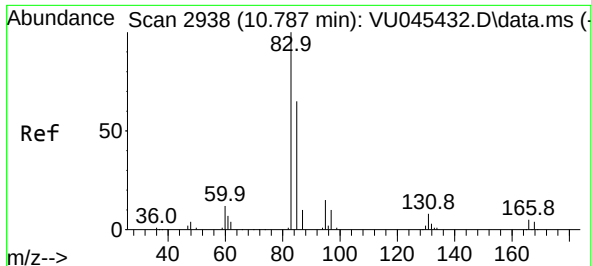
Tgt Ion:106 Resp: 931542
Ion Ratio Lower Upper
106 100
91 218.7 155.2 288.2



#55
Styrene
Concen: 226.103 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. 0.000 min
Lab File: VU045434.D
Acq: 28 Oct 2021 12:29

Tgt Ion:104 Resp: 1628001
Ion Ratio Lower Upper
104 100
78 47.4 32.6 60.6

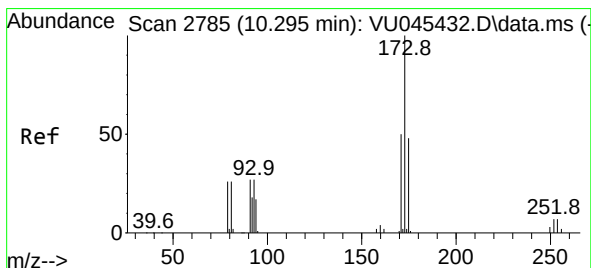
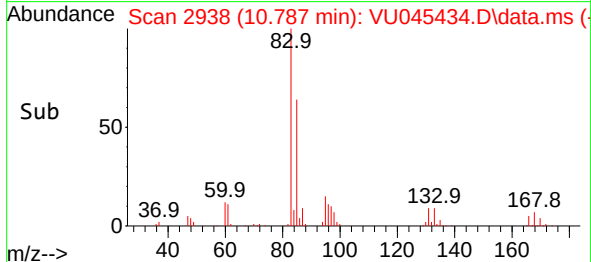
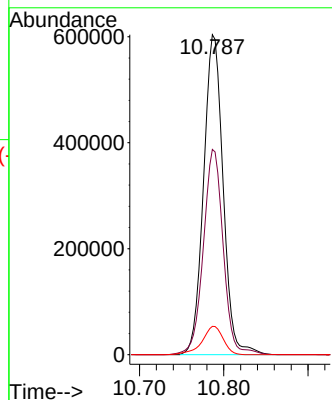
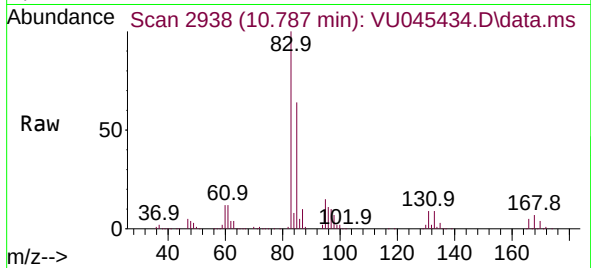




#57
1,1,2,2-Tetrachloroethane
Concen: 214.055 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. 0.000 min
Lab File: VU045434.D
Acq: 28 Oct 2021 12:29

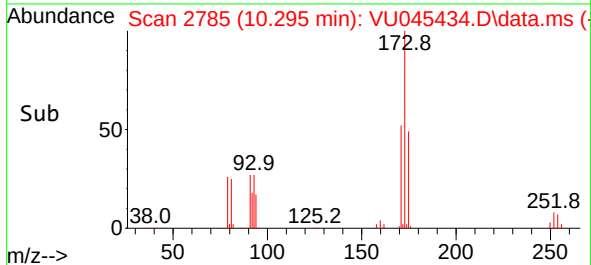
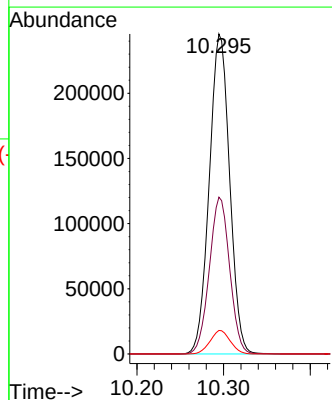
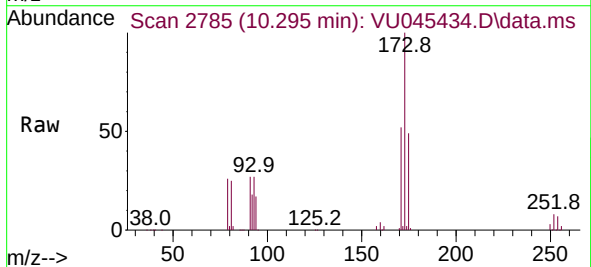
Instrument :
MSVOA_U
ClientSampleId :
VSTD200029

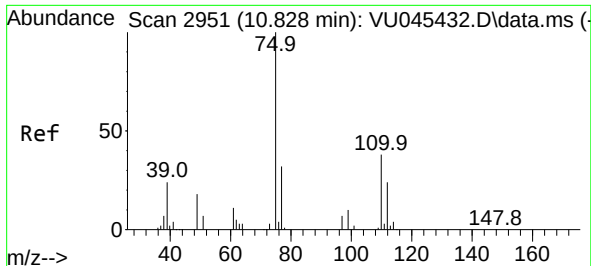
Tgt Ion: 83 Resp: 976370
Ion Ratio Lower Upper
83 100
85 64.2 46.0 85.4
131 8.9 7.0 10.4



#59
Bromoform
Concen: 220.321 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. 0.000 min
Lab File: VU045434.D
Acq: 28 Oct 2021 12:29

Tgt Ion:173 Resp: 401292
Ion Ratio Lower Upper
173 100
175 48.8 38.7 58.1
254 7.3 5.8 8.8

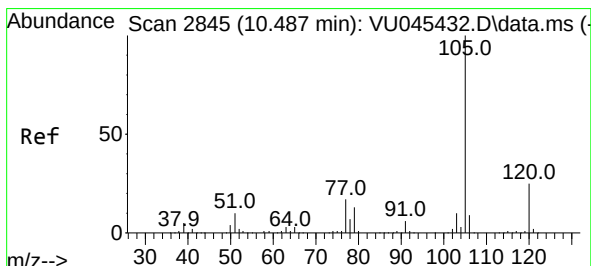
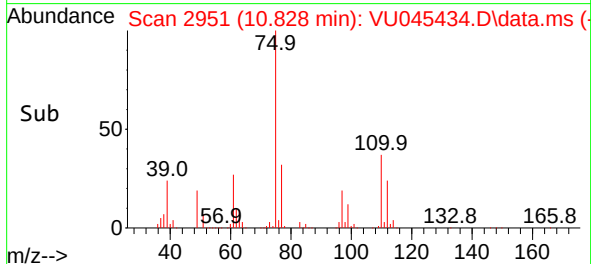
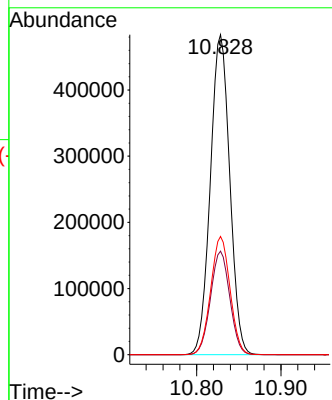
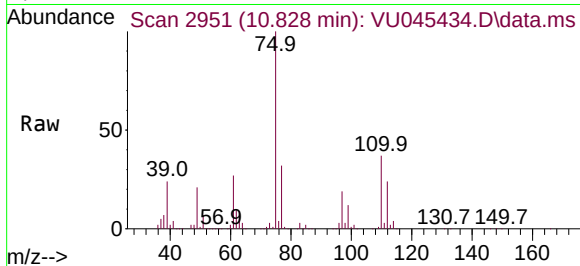




#60
1,2,3-Trichloropropane
Concen: 202.433 ug/L
RT: 10.828 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU045434.D
Acq: 28 Oct 2021 12:29

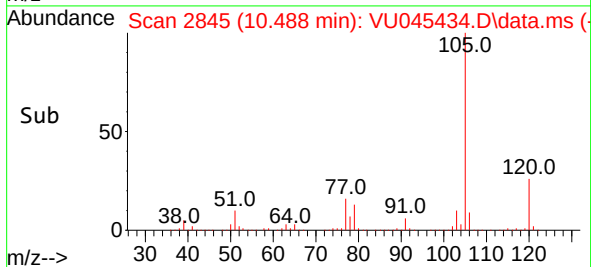
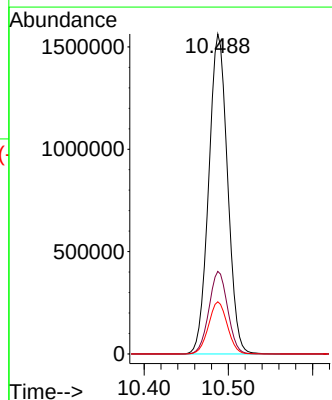
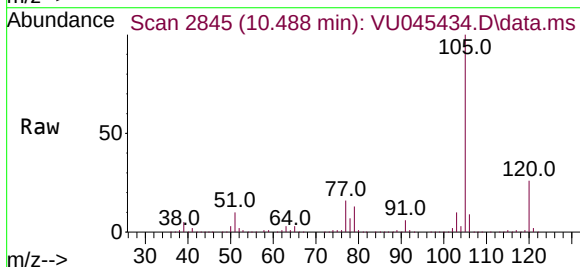
Instrument :
MSVOA_U
ClientSampleId :
VSTD200029

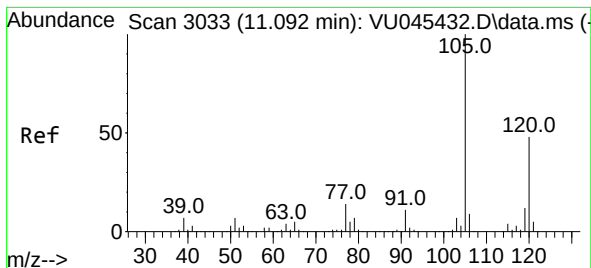
Tgt Ion:	75	Resp:	773313
Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.9	38.9
110	36.8	29.8	44.8



#61
Isopropylbenzene
Concen: 213.583 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU045434.D
Acq: 28 Oct 2021 12:29

Tgt Ion:	105	Resp:	2425929
Ion	Ratio	Lower	Upper
105	100		
120	25.7	20.4	30.6
77	16.3	13.3	19.9

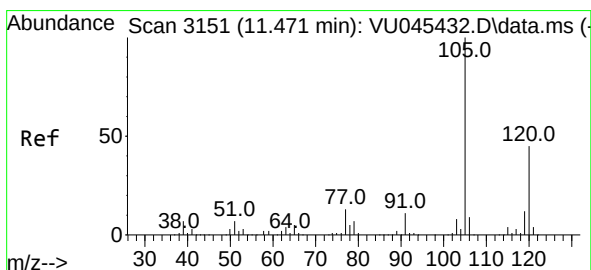
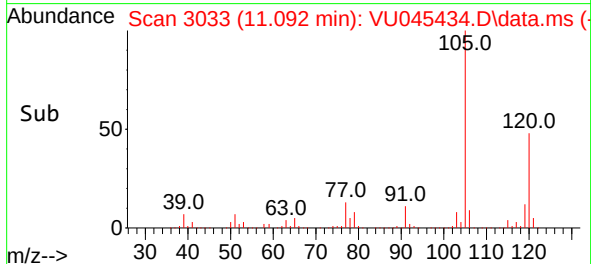
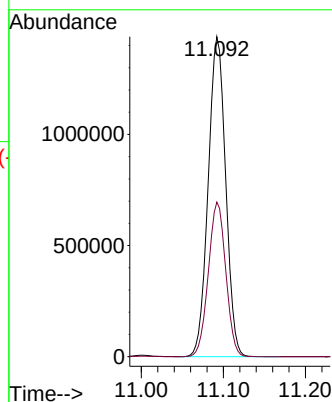
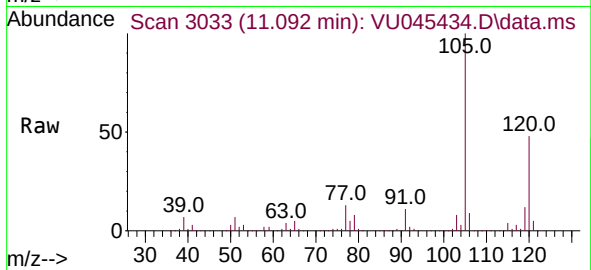




#62
1,3,5-Trimethylbenzene
Concen: 225.910 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU045434.D
Acq: 28 Oct 2021 12:29

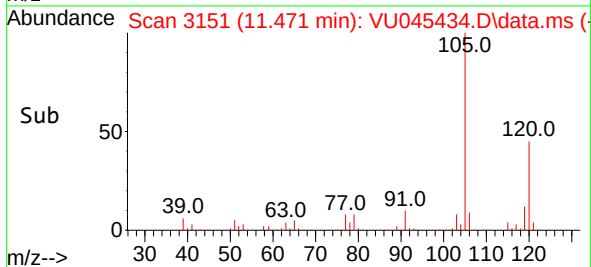
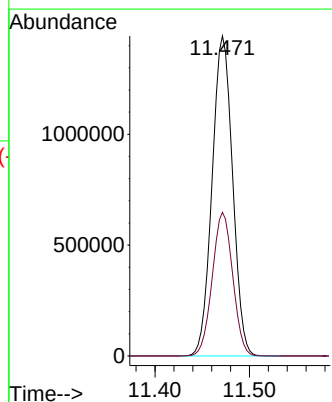
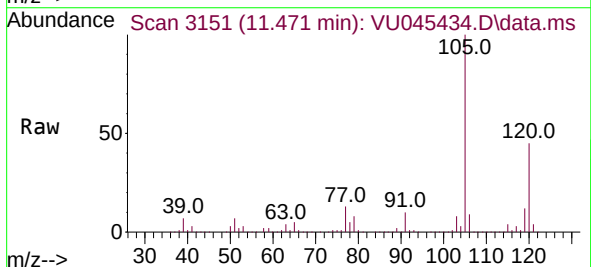
Instrument :
MSVOA_U
ClientSampleId :
VSTD200029

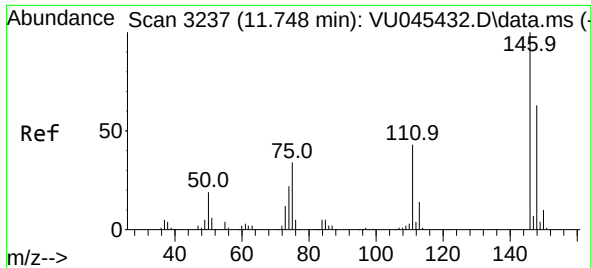
Tgt Ion:105 Resp: 2131699
Ion Ratio Lower Upper
105 100
120 48.2 38.5 57.7



#63
1,2,4-Trimethylbenzene
Concen: 226.819 ug/L
RT: 11.471 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU045434.D
Acq: 28 Oct 2021 12:29

Tgt Ion:105 Resp: 2172078
Ion Ratio Lower Upper
105 100
120 44.8 35.6 53.4

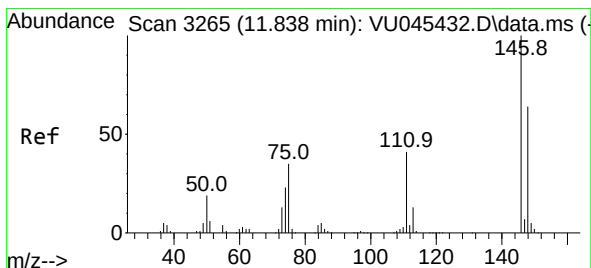
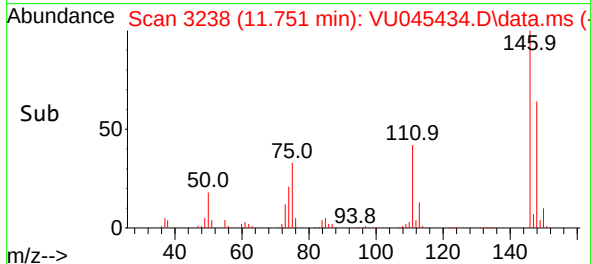
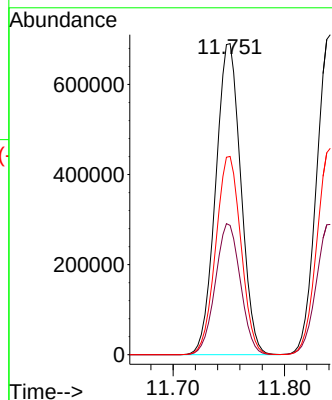
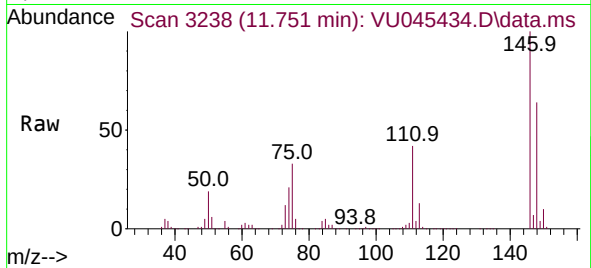




#64
1,3-Dichlorobenzene
Concen: 211.303 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. 0.003 min
Lab File: VU045434.D
Acq: 28 Oct 2021 12:29

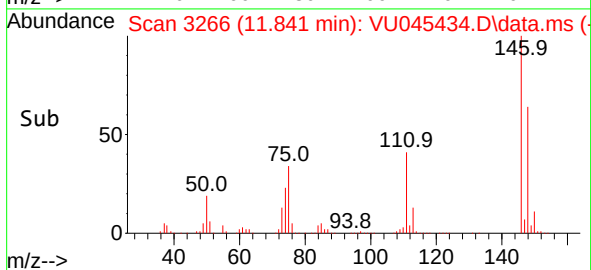
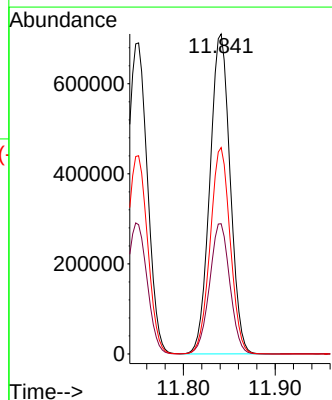
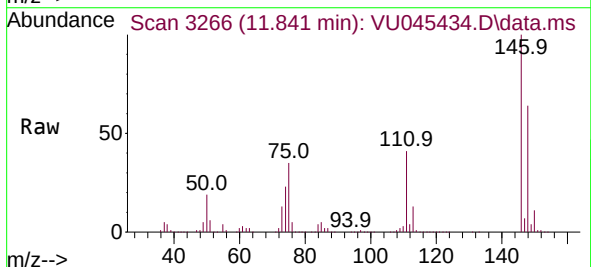
Instrument :
MSVOA_U
ClientSampleId :
VSTD200029

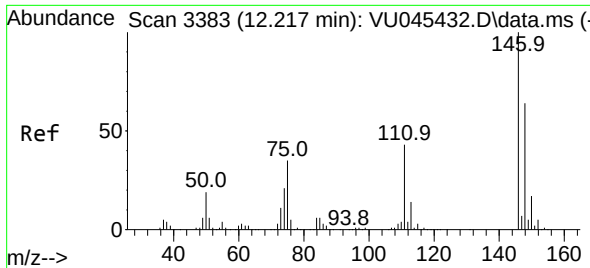
Tgt Ion:146 Resp: 1083937
Ion Ratio Lower Upper
146 100
111 41.6 29.8 55.4
148 63.8 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 209.937 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. 0.003 min
Lab File: VU045434.D
Acq: 28 Oct 2021 12:29

Tgt Ion:146 Resp: 1091357
Ion Ratio Lower Upper
146 100
111 40.7 28.6 53.0
148 64.5 44.5 82.7

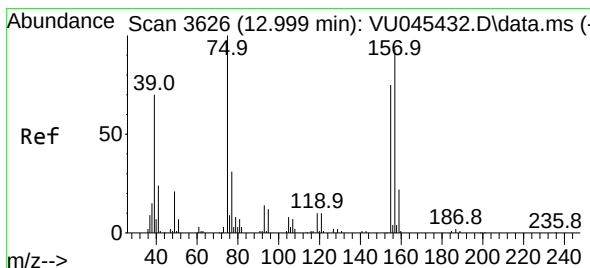
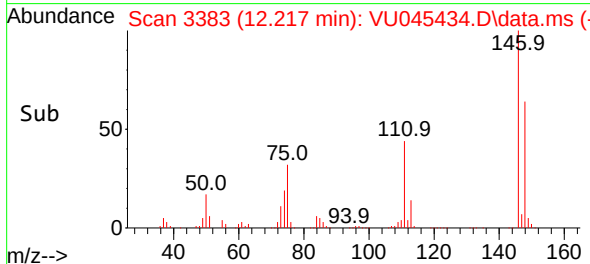
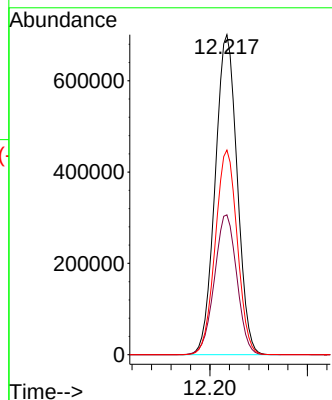
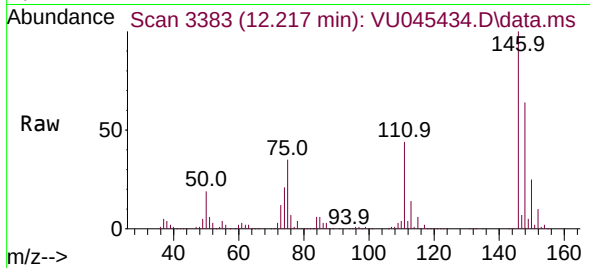




#67
1,2-Dichlorobenzene
Concen: 210.433 ug/L
RT: 12.217 min Scan# 3383
Delta R.T. 0.000 min
Lab File: VU045434.D
Acq: 28 Oct 2021 12:29

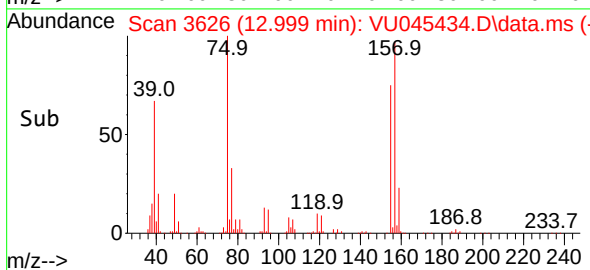
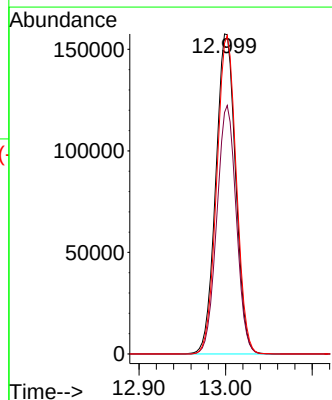
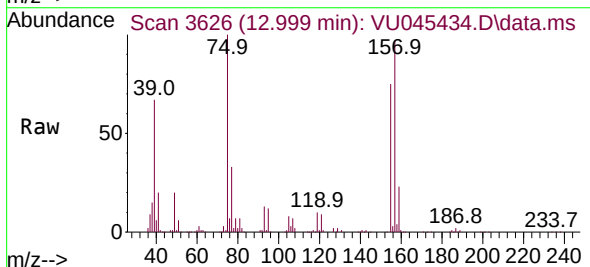
Instrument :
MSVOA_U
ClientSampleId :
VSTD200029

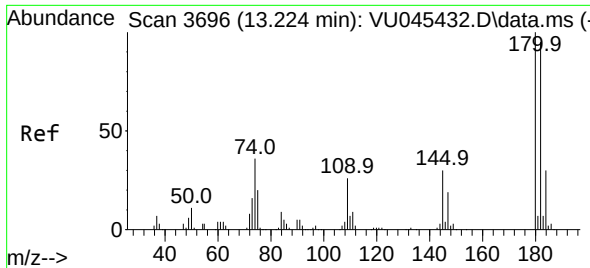
Tgt Ion:146 Resp: 1099137
Ion Ratio Lower Upper
146 100
111 43.7 34.6 52.0
148 63.9 51.2 76.8



#68
1,2-Dibromo-3-chloropropane
Concen: 233.947 ug/L
RT: 12.999 min Scan# 3626
Delta R.T. 0.000 min
Lab File: VU045434.D
Acq: 28 Oct 2021 12:29

Tgt Ion: 75 Resp: 250675
Ion Ratio Lower Upper
75 100
155 75.5 60.0 90.0
157 97.0 77.9 116.9



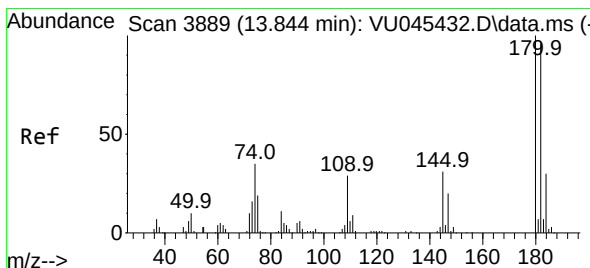
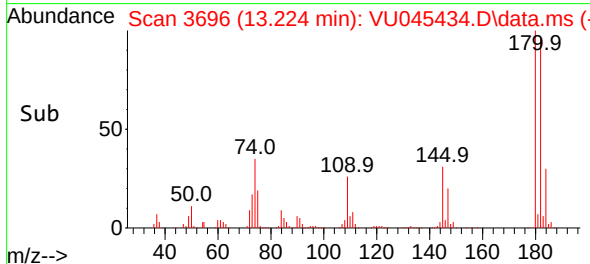
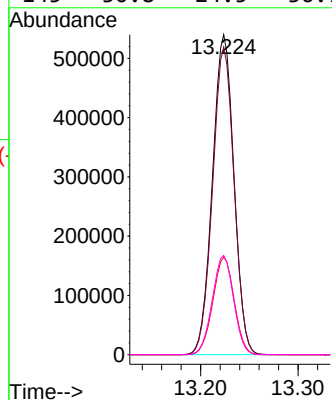
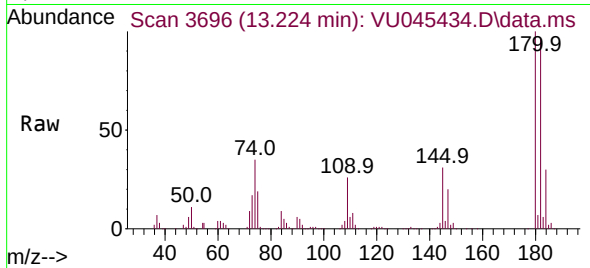


#69
 1,3,5-Trichlorobenzene
 Concen: 231.751 ug/L
 RT: 13.224 min Scan# 3696
 Delta R.T. 0.000 min
 Lab File: VU045434.D
 Acq: 28 Oct 2021 12:29

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD200029

Tgt Ion:180 Resp: 827299

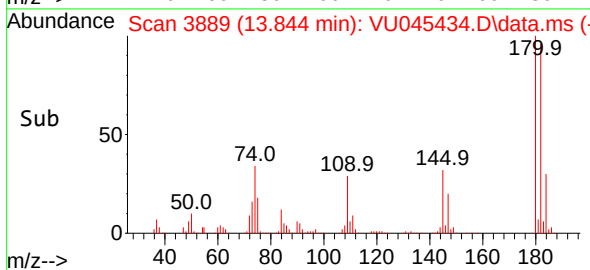
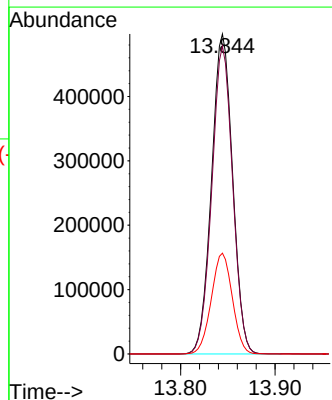
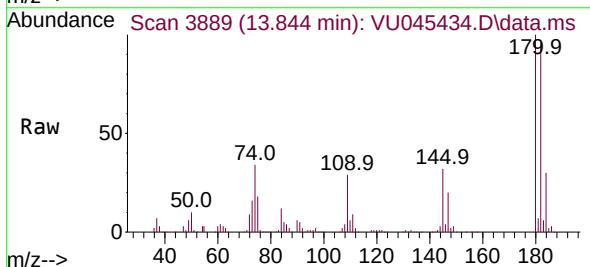
Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.6	114.8
184	30.3	23.9	35.9
145	30.8	24.5	36.7

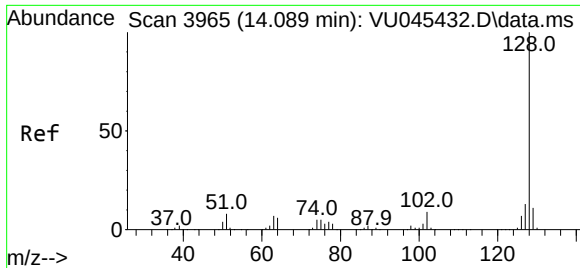


#70
 1,2,4-trichlorobenzene
 Concen: 253.381 ug/L
 RT: 13.844 min Scan# 3889
 Delta R.T. 0.000 min
 Lab File: VU045434.D
 Acq: 28 Oct 2021 12:29

Tgt Ion:180 Resp: 769062

Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.1	114.1
145	31.4	25.3	37.9

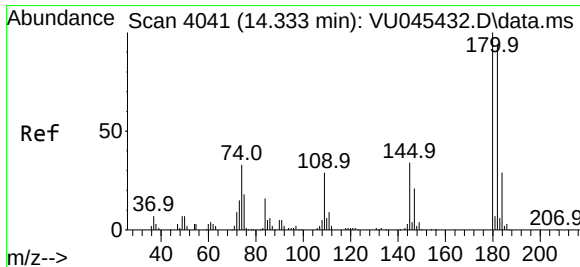
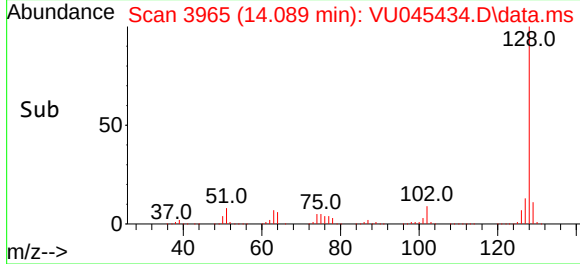
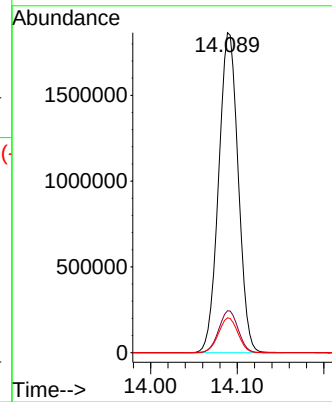
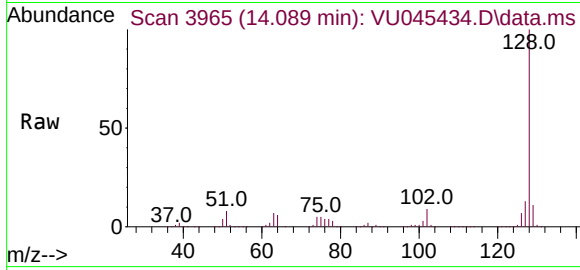




#71
Naphthalene
Concen: 279.210 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VU045434.D
Acq: 28 Oct 2021 12:29

Instrument :
MSVOA_U
ClientSampleId :
VSTD200029

Tgt Ion:128 Resp: 2921631
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.8 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 249.076 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VU045434.D
Acq: 28 Oct 2021 12:29

Tgt Ion:180 Resp: 758962
Ion Ratio Lower Upper
180 100
182 94.7 75.7 113.5
145 33.1 27.0 40.4

