

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102821\
 Data File : VU045444.D
 Acq On : 28 Oct 2021 16:54
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.1mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050110

Quant Time: Oct 29 03:13:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM102821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 29 03:03:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	322639	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	307598	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	156123	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	120326	45.821	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.640%
7) Chloroethane-d5	1.916	69	102573	48.741	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.480%
11) 1,1-Dichloroethene-d2	2.575	63	222318	47.669	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.340%
21) 2-Butanone-d5	4.629	46	208921	95.068	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.070%
24) Chloroform-d	5.070	84	230574	48.942	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.880%
26) 1,2-Dichloroethane-d4	5.706	65	150381	48.271	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.540%
32) Benzene-d6	5.732	84	458958	48.281	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.560%
36) 1,2-Dichloropropane-d6	6.693	67	148429	48.237	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.480%
41) Toluene-d8	7.902	98	404241	48.747	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.500%
43) trans-1,3-Dichloroprop...	8.182	79	71116	49.191	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.380%
47) 2-Hexanone-d5	8.635	63	155373	94.596	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.600%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	218798	47.383	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.760%
66) 1,2-Dichlorobenzene-d4	12.195	152	153010	48.443	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	138790	48.682	ug/L	100
3) Chloromethane	1.520	50	158290	45.985	ug/L	100
5) Vinyl chloride	1.604	62	159171	49.184	ug/L	98
6) Bromomethane	1.861	94	85154	51.125	ug/L	100
8) Chloroethane	1.935	64	100652	52.647	ug/L	99
9) Trichlorofluoromethane	2.141	101	187736	49.022	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	116507	49.924	ug/L	99
12) 1,1-Dichloroethene	2.584	96	108565	49.299	ug/L	97
13) Acetone	2.639	43	181800	100.867	ug/L	100
14) Carbon disulfide	2.800	76	311280	49.441	ug/L	99
15) Methyl Acetate	2.954	43	148052	48.619	ug/L	99
16) Methylene chloride	3.051	84	132680	48.819	ug/L	98
17) trans-1,2-Dichloroethene	3.359	96	115946	49.209	ug/L	99
18) Methyl tert-butyl Ether	3.366	73	407438	49.318	ug/L	99
19) 1,1-Dichloroethane	3.874	63	233676	49.759	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	133989	49.854	ug/L	100
22) 2-Butanone	4.710	43	241053	97.934	ug/L	99
23) Bromochloromethane	4.980	128	63985	49.451	ug/L	98
25) Chloroform	5.092	83	230408	49.029	ug/L	100

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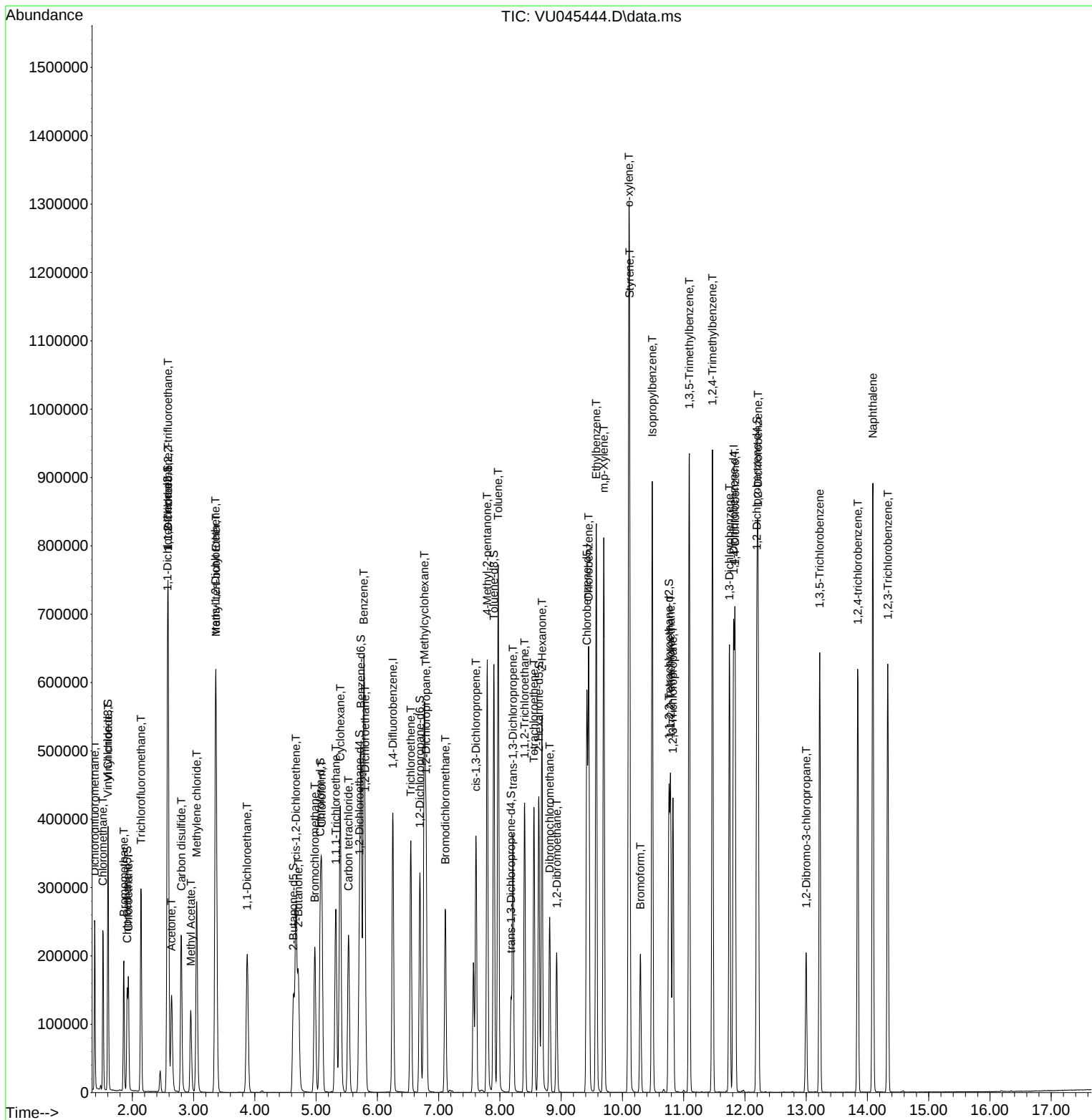
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050110

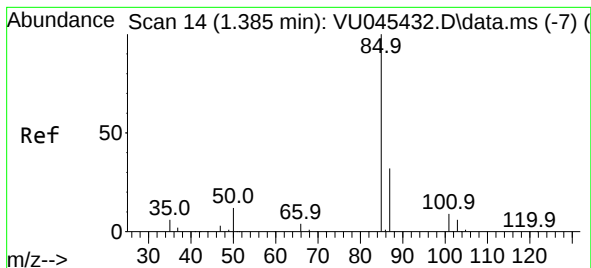
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 Quant Title : VOC Analysis
 QLast Update : Fri Oct 29 03:03:47 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	190754	49.619	ug/L	99
29) Cyclohexane	5.394	56	218842	49.630	ug/L	99
30) 1,1,1-Trichloroethane	5.321	97	192150	49.193	ug/L	100
31) Carbon tetrachloride	5.529	117	151615	49.092	ug/L	99
33) Benzene	5.777	78	526287	49.327	ug/L	100
34) Trichloroethene	6.546	95	126596	49.429	ug/L	99
35) Methylcyclohexane	6.767	83	218657	49.133	ug/L	99
37) 1,2-Dichloropropane	6.796	63	137936	48.697	ug/L	100
38) Bromodichloromethane	7.108	83	175572	49.298	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	216254	49.907	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	401597	96.070	ug/L	99
42) Toluene	7.973	91	549468	49.490	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	205366	50.262	ug/L	100
45) 1,1,2-Trichloroethane	8.404	97	128132	48.712	ug/L	99
46) Tetrachloroethene	8.555	164	90913	50.041	ug/L	99
48) 2-Hexanone	8.687	43	331539	95.219	ug/L	100
49) Dibromochloromethane	8.812	129	124904	49.277	ug/L	100
50) 1,2-Dibromoethane	8.928	107	134728	48.805	ug/L	100
51) Chlorobenzene	9.449	112	328614	48.983	ug/L	99
52) Ethylbenzene	9.574	91	587619	49.898	ug/L	99
53) m,p-Xylene	9.697	106	226681	50.302	ug/L	97
54) o-xylene	10.105	106	221360	49.594	ug/L	97
55) Styrene	10.118	104	382975	51.072	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.787	83	222235	47.558	ug/L	98
59) Bromoform	10.295	173	86642	48.124	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	178957	46.546	ug/L	98
61) Isopropylbenzene	10.488	105	575349	49.853	ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	496740	50.538	ug/L	100
63) 1,2,4-Trimethylbenzene	11.471	105	504449	50.498	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	251337	49.246	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	251187	48.650	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	252312	47.767	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	52833	47.068	ug/L	99
69) 1,3,5-Trichlorobenzene	13.221	180	187958	49.929	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	173978	50.585	ug/L	100
71) Naphthalene	14.089	128	668850	51.034	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	178365	50.676	ug/L	100

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

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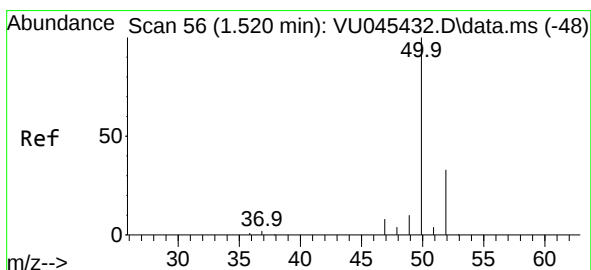
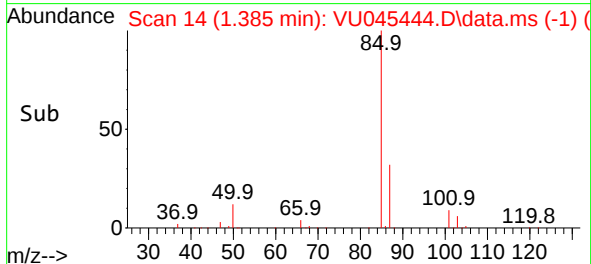
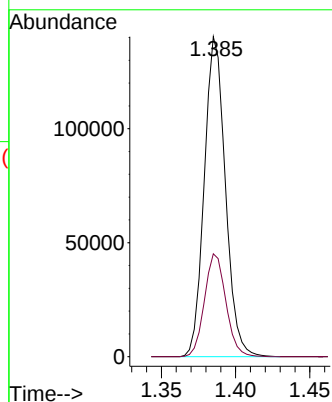
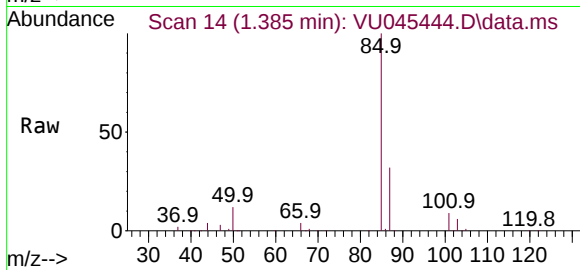




#2
Dichlorodifluoromethane
Concen: 48.682 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU045444.D
Acq: 28 Oct 2021 16:54

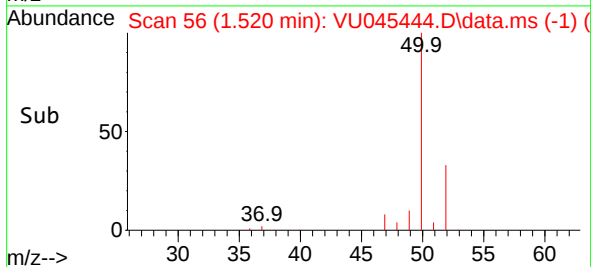
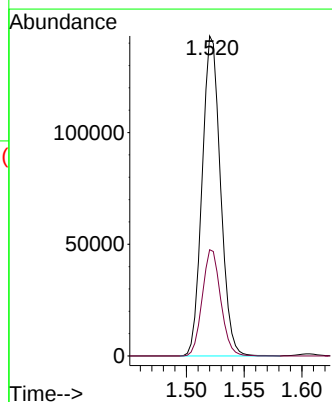
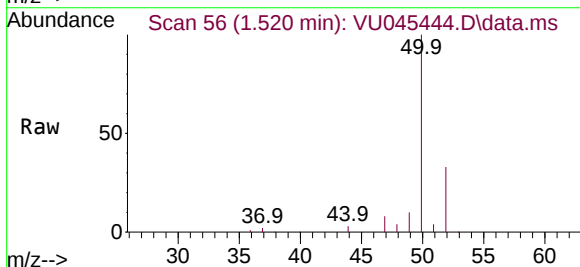
Instrument :
MSVOA_U
ClientSampleId :
VSTD050110

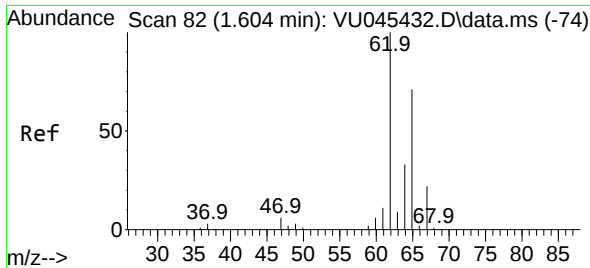
Tgt Ion: 85 Resp: 138790
Ion Ratio Lower Upper
85 100
87 32.5 26.0 39.0



#3
Chloromethane
Concen: 45.985 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU045444.D
Acq: 28 Oct 2021 16:54

Tgt Ion: 50 Resp: 158290
Ion Ratio Lower Upper
50 100
52 33.2 23.2 43.2

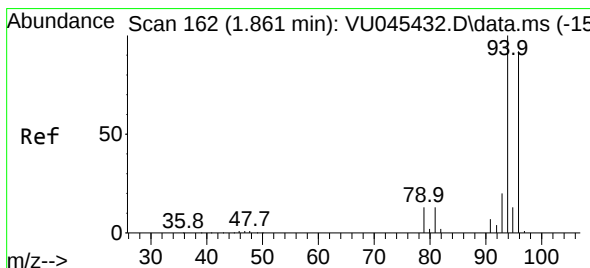
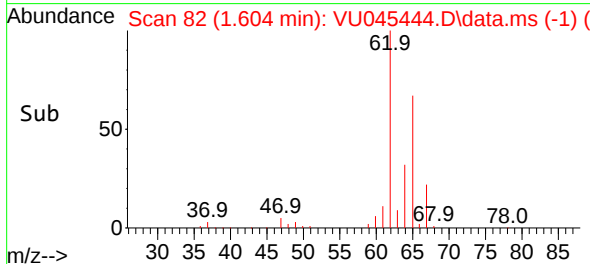
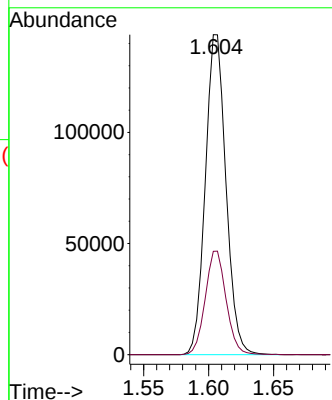
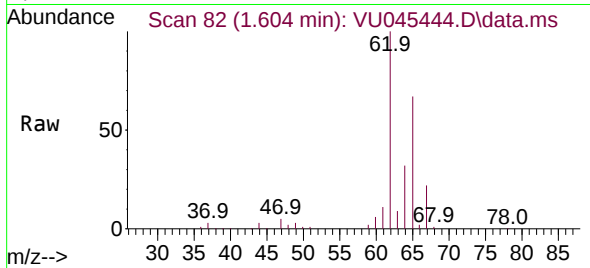




#5
 Vinyl chloride
 Concen: 49.184 ug/L
 RT: 1.604 min Scan# 82
 Delta R.T. 0.000 min
 Lab File: VU045444.D
 Acq: 28 Oct 2021 16:54

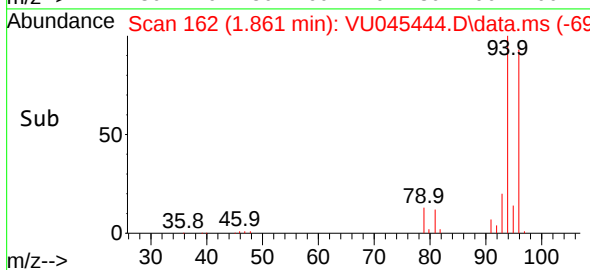
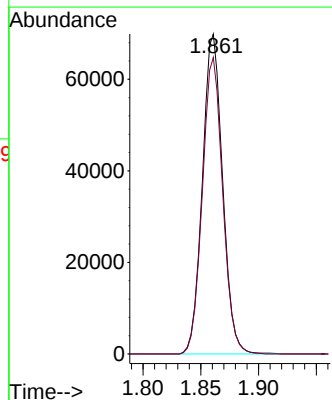
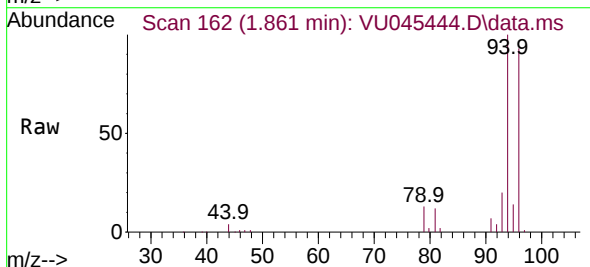
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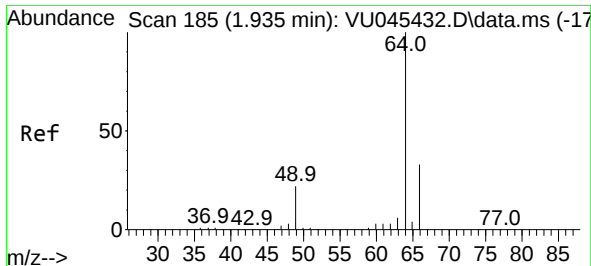
Tgt Ion: 62 Resp: 159171
 Ion Ratio Lower Upper
 62 100
 64 32.3 23.3 43.3



#6
 Bromomethane
 Concen: 51.125 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. 0.000 min
 Lab File: VU045444.D
 Acq: 28 Oct 2021 16:54

Tgt Ion: 94 Resp: 85154
 Ion Ratio Lower Upper
 94 100
 96 92.7 64.9 120.5

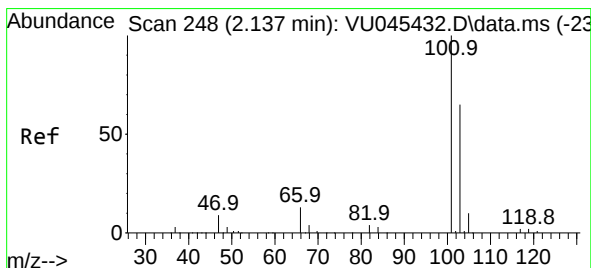
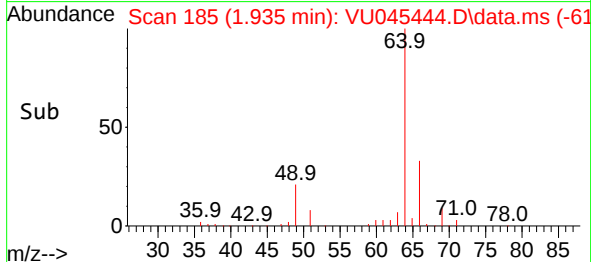
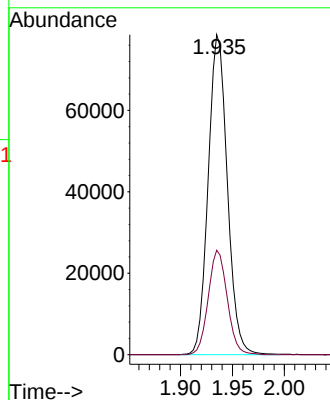
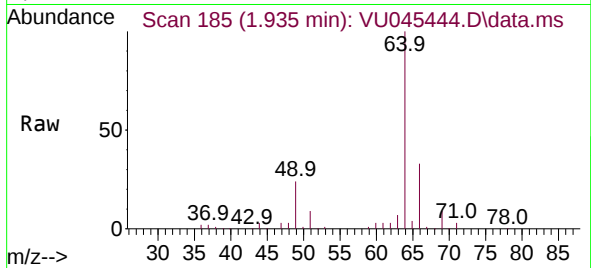




#8
Chloroethane
Concen: 52.647 ug/L
RT: 1.935 min Scan# 185
Delta R.T. 0.000 min
Lab File: VU045444.D
Acq: 28 Oct 2021 16:54

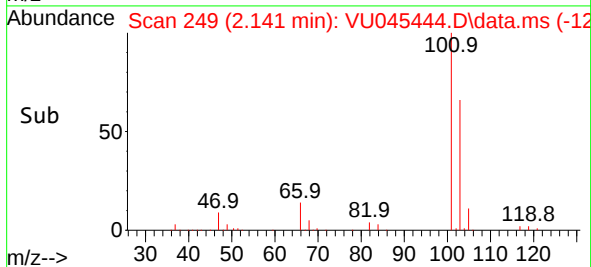
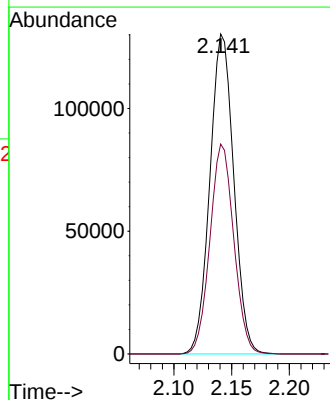
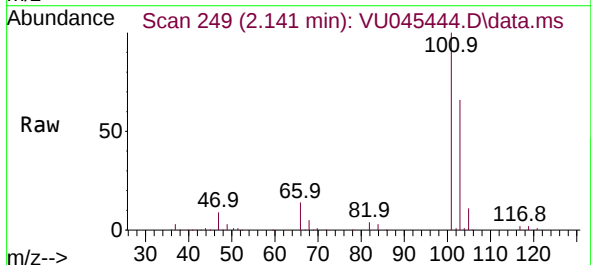
Instrument :
MSVOA_U
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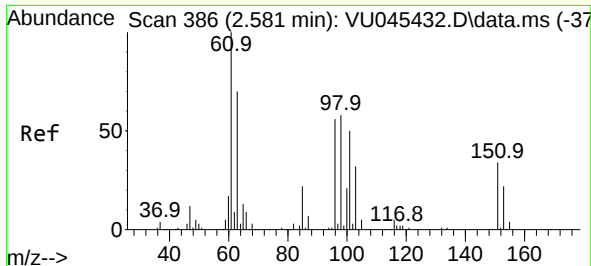
Tgt Ion: 64 Resp: 100652
Ion Ratio Lower Upper
64 100
66 32.6 23.2 43.2



#9
Trichlorofluoromethane
Concen: 49.022 ug/L
RT: 2.141 min Scan# 249
Delta R.T. 0.003 min
Lab File: VU045444.D
Acq: 28 Oct 2021 16:54

Tgt Ion:101 Resp: 187736
Ion Ratio Lower Upper
101 100
103 65.4 51.4 77.2

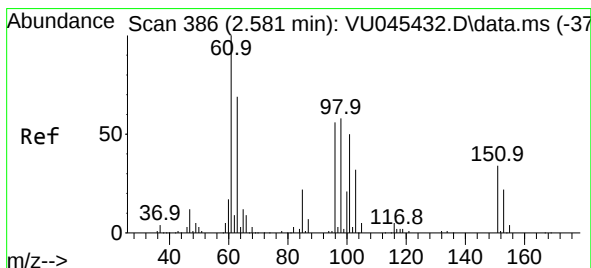
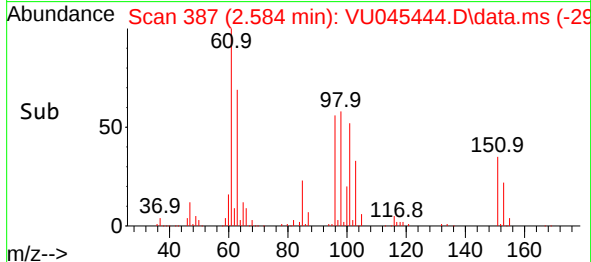
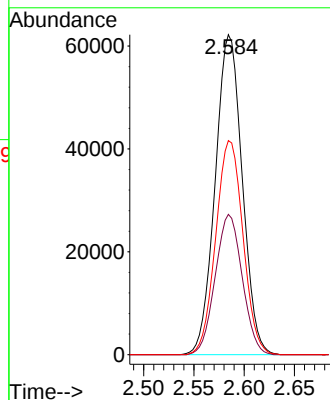
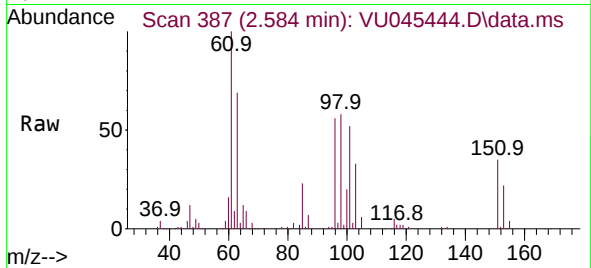




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 49.924 ug/L
RT: 2.584 min Scan# 387
Delta R.T. 0.003 min
Lab File: VU045444.D
Acq: 28 Oct 2021 16:54

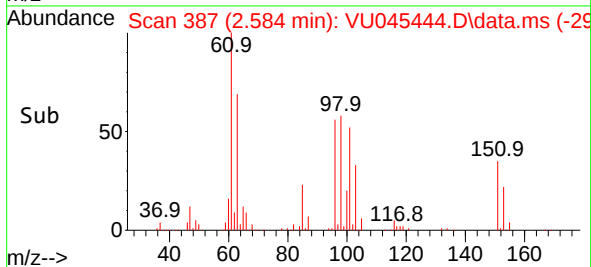
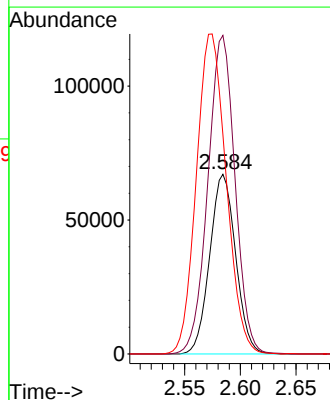
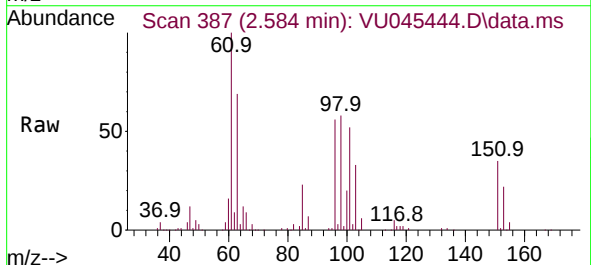
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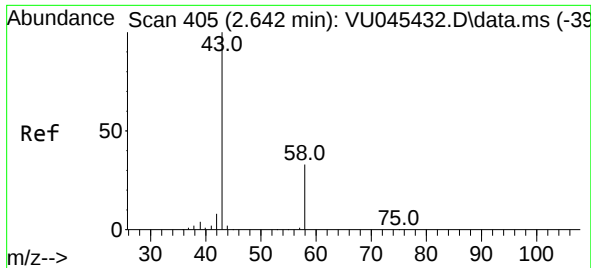
Tgt Ion:101 Resp: 116507
Ion Ratio Lower Upper
101 100
85 43.7 34.8 52.2
151 67.4 54.6 81.8



#12
1,1-Dichloroethene
Concen: 49.299 ug/L
RT: 2.584 min Scan# 387
Delta R.T. 0.003 min
Lab File: VU045444.D
Acq: 28 Oct 2021 16:54

Tgt Ion: 96 Resp: 108565
Ion Ratio Lower Upper
96 100
61 177.4 126.3 234.5
63 122.0 89.2 165.8

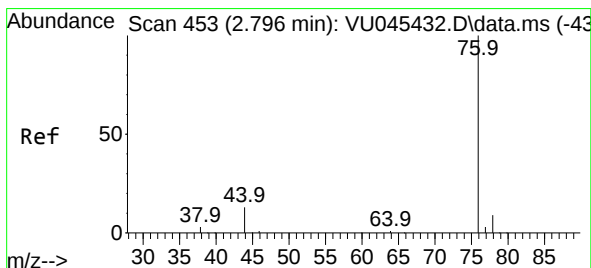
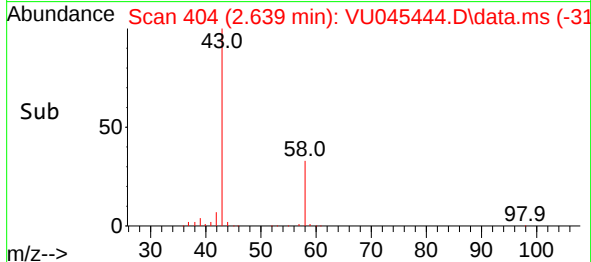
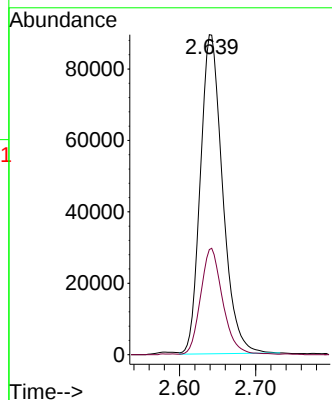
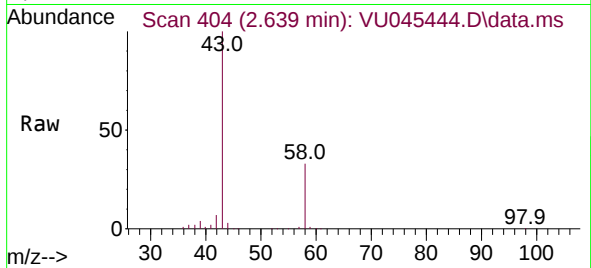




#13
Acetone
Concen: 100.867 ug/L
RT: 2.639 min Scan# 404
Delta R.T. -0.003 min
Lab File: VU045444.D
Acq: 28 Oct 2021 16:54

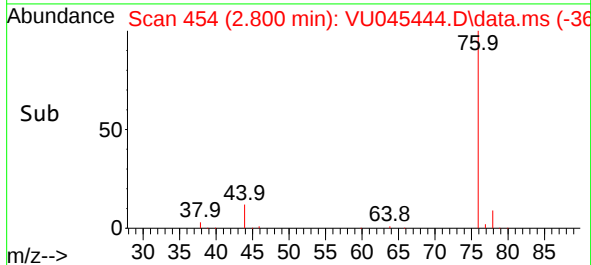
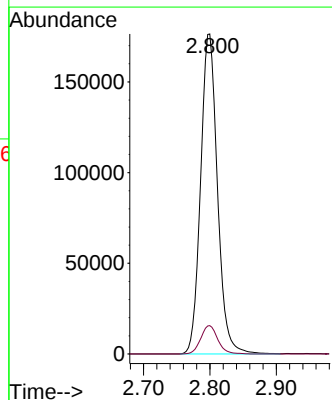
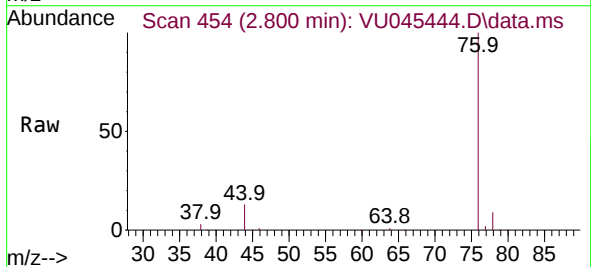
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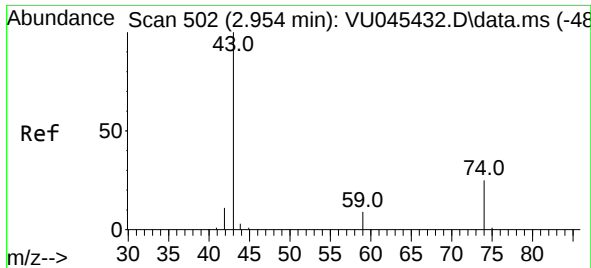
Tgt Ion: 43 Resp: 181800
Ion Ratio Lower Upper
43 100
58 32.9 0.0 66.2



#14
Carbon disulfide
Concen: 49.441 ug/L
RT: 2.800 min Scan# 454
Delta R.T. 0.003 min
Lab File: VU045444.D
Acq: 28 Oct 2021 16:54

Tgt Ion: 76 Resp: 311280
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9

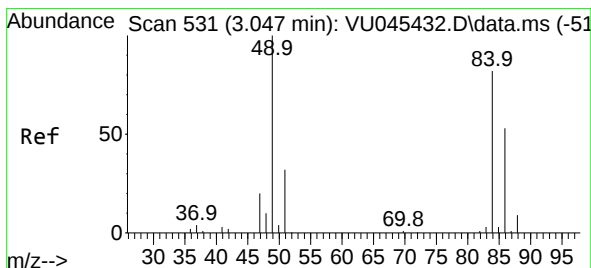
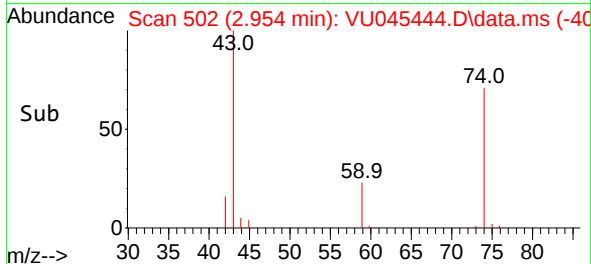
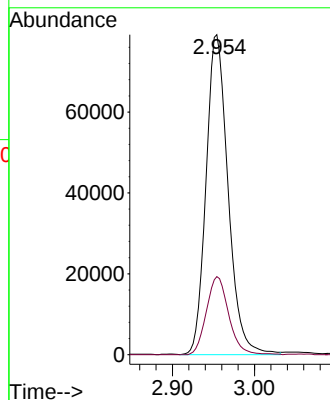
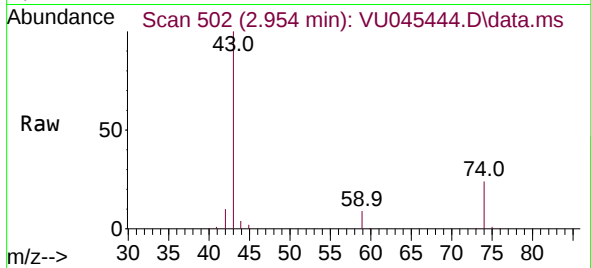




#15
Methyl Acetate
Concen: 48.619 ug/L
RT: 2.954 min Scan# 502
Delta R.T. 0.000 min
Lab File: VU045444.D
Acq: 28 Oct 2021 16:54

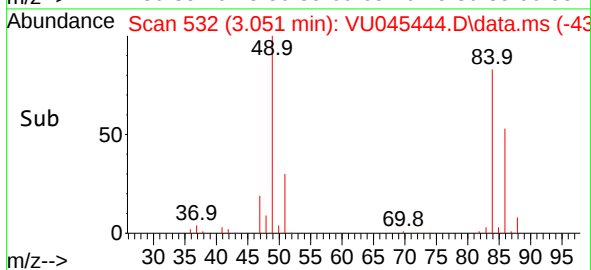
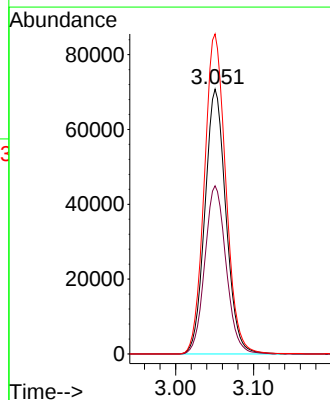
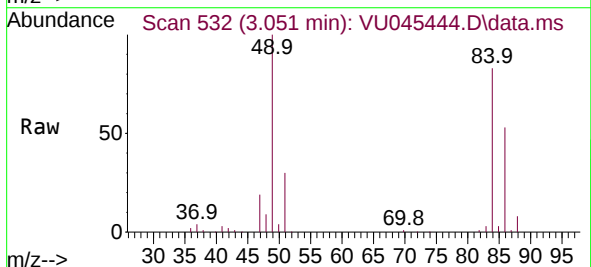
Instrument :
MSVOA_U
ClientSampleId :
VSTD050110

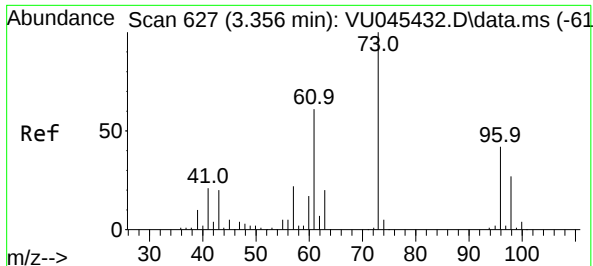
Tgt Ion: 43 Resp: 148052
Ion Ratio Lower Upper
43 100
74 24.6 20.0 30.0



#16
Methylene chloride
Concen: 48.819 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.003 min
Lab File: VU045444.D
Acq: 28 Oct 2021 16:54

Tgt Ion: 84 Resp: 132680
Ion Ratio Lower Upper
84 100
86 63.5 45.8 85.2
49 120.8 85.9 159.5



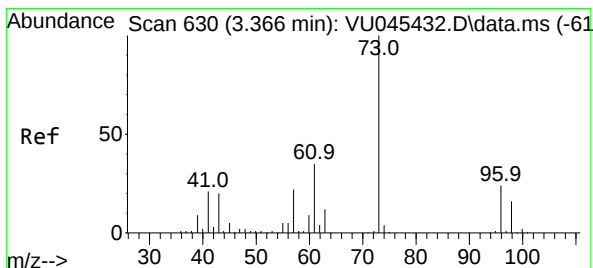
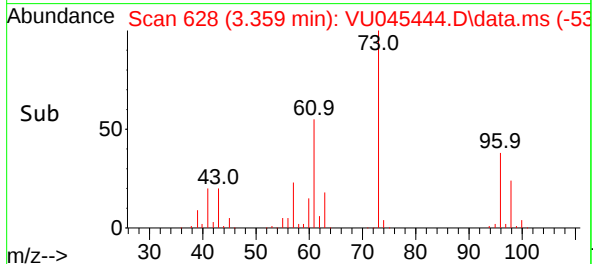
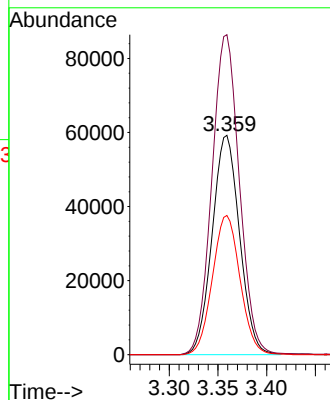
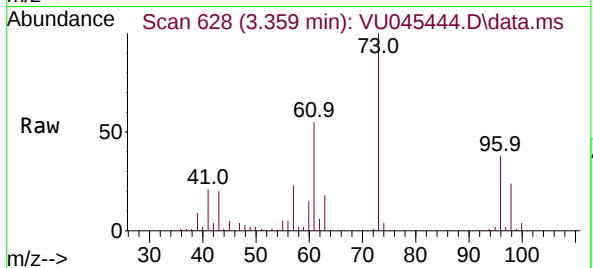


#17

trans-1,2-Dichloroethene
Concen: 49.209 ug/L
RT: 3.359 min Scan# 628
Delta R.T. 0.003 min
Lab File: VU045444.D
Acq: 28 Oct 2021 16:54

Instrument :
MSVOA_U
ClientSampleId :
VSTD050110

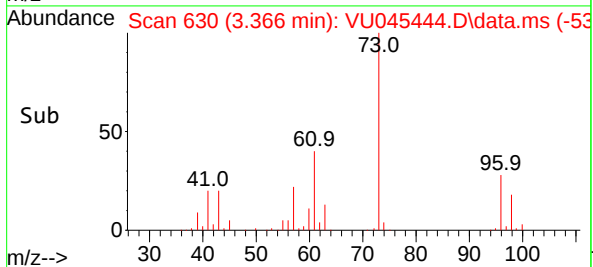
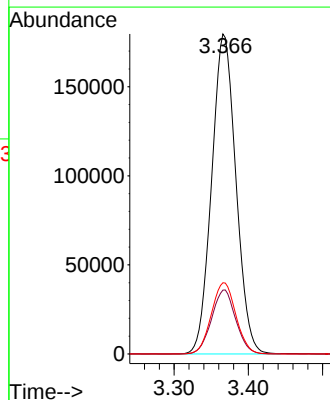
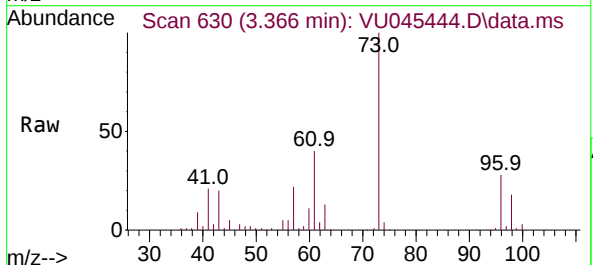
Tgt Ion: 96 Resp: 115946
Ion Ratio Lower Upper
96 100
61 145.9 101.8 189.2
98 63.5 45.1 83.7

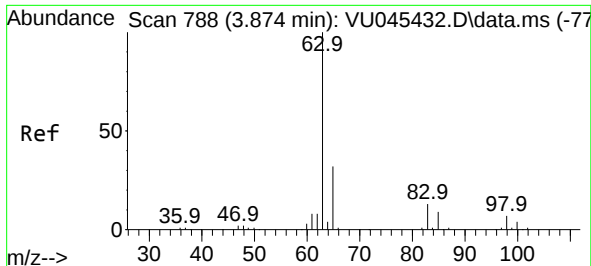


#18

Methyl tert-butyl Ether
Concen: 49.318 ug/L
RT: 3.366 min Scan# 630
Delta R.T. 0.000 min
Lab File: VU045444.D
Acq: 28 Oct 2021 16:54

Tgt Ion: 73 Resp: 407438
Ion Ratio Lower Upper
73 100
43 19.8 16.2 24.4
57 22.5 18.1 27.1





#19

1,1-Dichloroethane

Concen: 49.759 ug/L

RT: 3.874 min Scan# 788

Delta R.T. 0.000 min

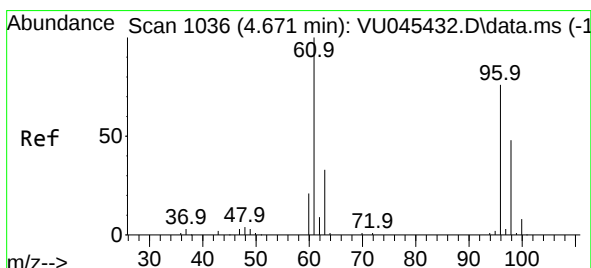
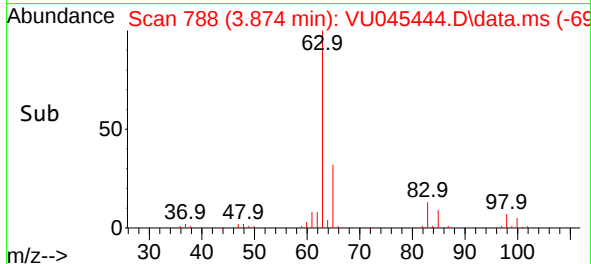
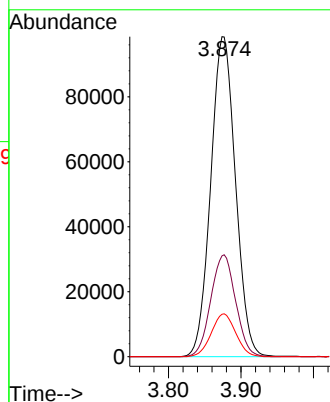
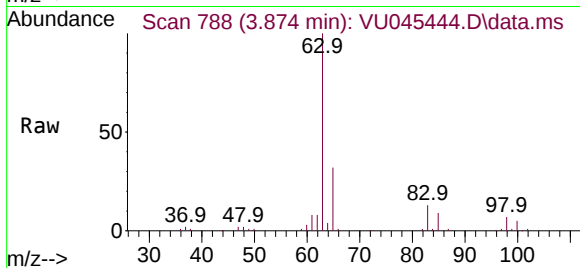
Lab File: VU045444.D

Acq: 28 Oct 2021 16:54

Tgt Ion: 63 Resp: 233676

Ion	Ratio	Lower	Upper
63	100		
65	31.5	22.4	41.6
83	13.3	9.0	16.6

Instrument :
MSVOA_U
ClientSampleId :
VSTD050110



#20

cis-1,2-Dichloroethene

Concen: 49.854 ug/L

RT: 4.671 min Scan# 1036

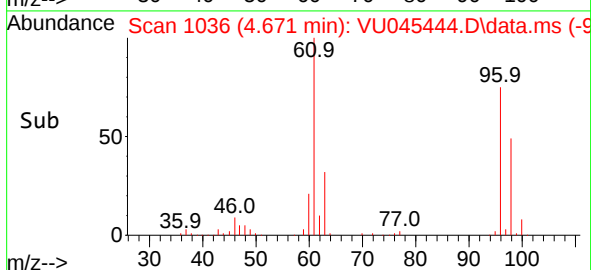
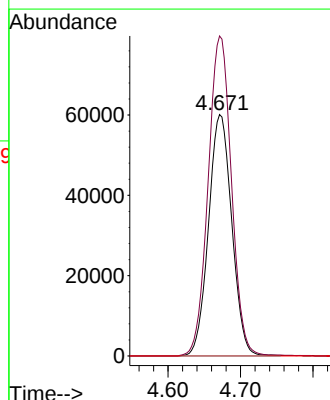
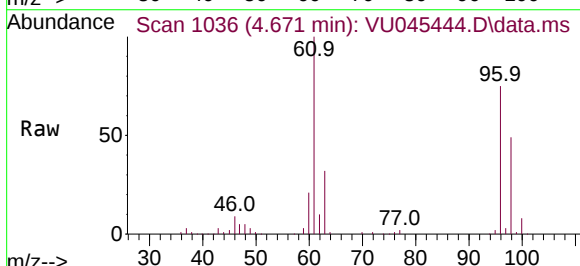
Delta R.T. 0.000 min

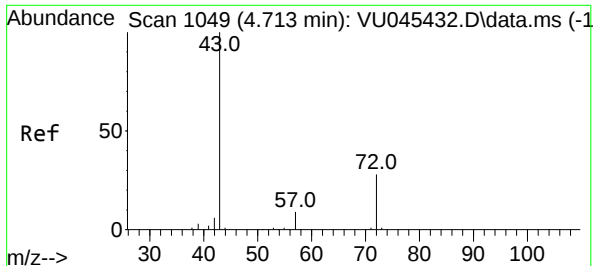
Lab File: VU045444.D

Acq: 28 Oct 2021 16:54

Tgt Ion: 96 Resp: 133989

Ion	Ratio	Lower	Upper
96	100		
61	132.5	92.8	172.4
68	0.0	0.0	0.0





#22

2-Butanone

Concen: 97.934 ug/L

RT: 4.710 min Scan# 1048

Delta R.T. -0.003 min

Lab File: VU045444.D

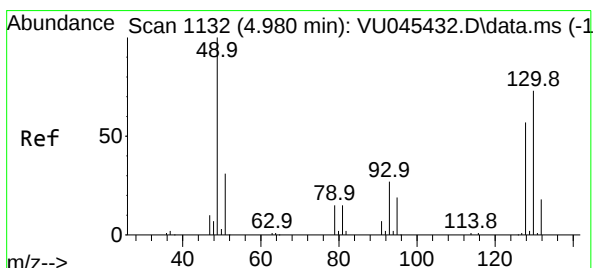
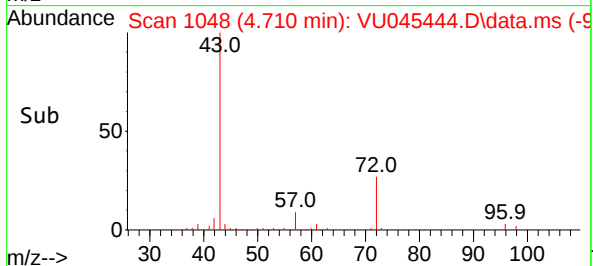
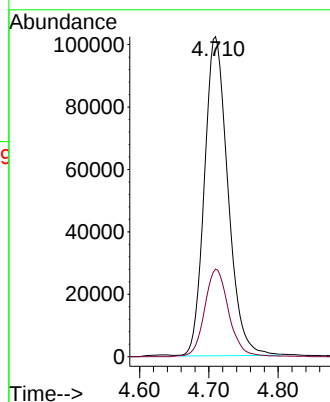
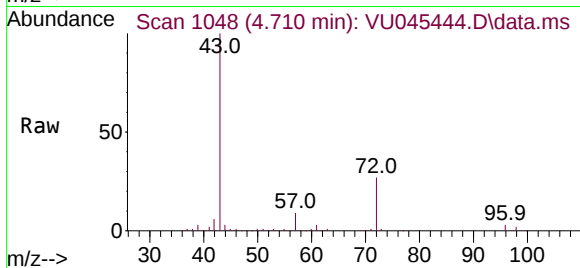
Acq: 28 Oct 2021 16:54

Tgt Ion: 43 Resp: 241053

Ion Ratio Lower Upper

43 100

72 28.1 14.4 43.2



#23

Bromochloromethane

Concen: 49.451 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VU045444.D

Acq: 28 Oct 2021 16:54

Tgt Ion: 128 Resp: 63985

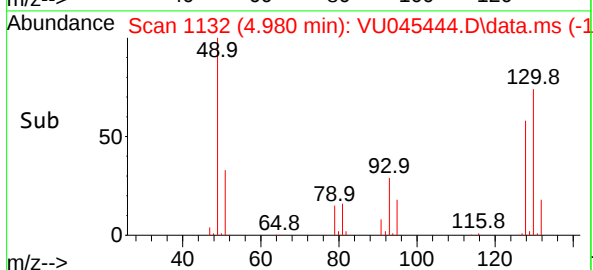
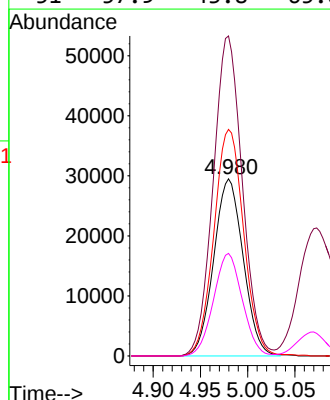
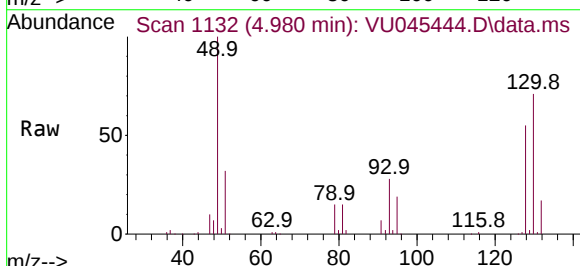
Ion Ratio Lower Upper

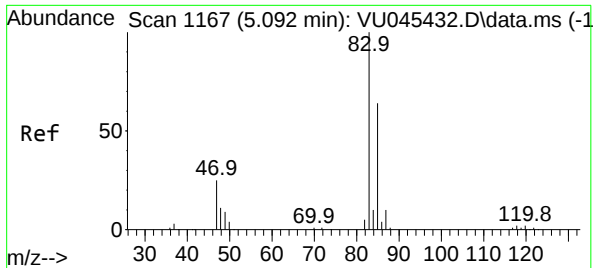
128 100

49 180.6 123.1 228.5

130 127.9 89.8 166.8

51 57.9 43.8 65.8

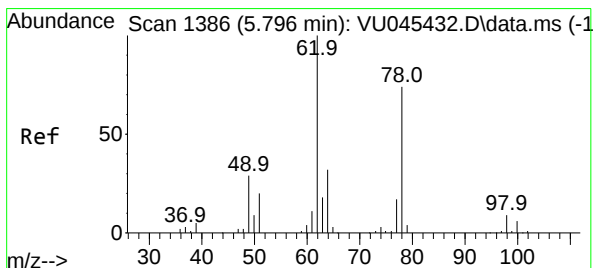
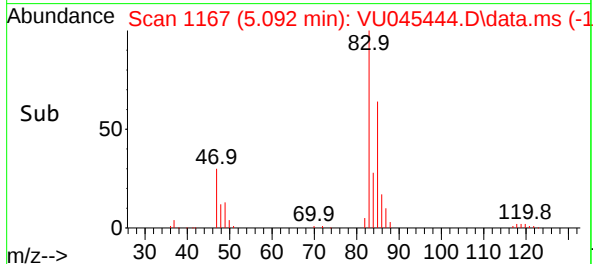
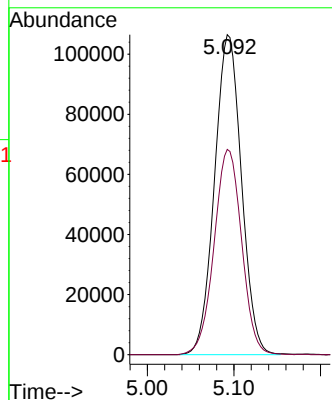
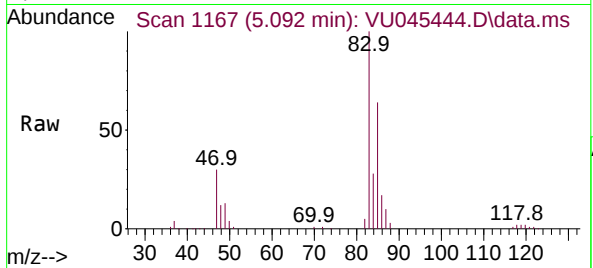




#25
Chloroform
Concen: 49.029 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VU045444.D
Acq: 28 Oct 2021 16:54

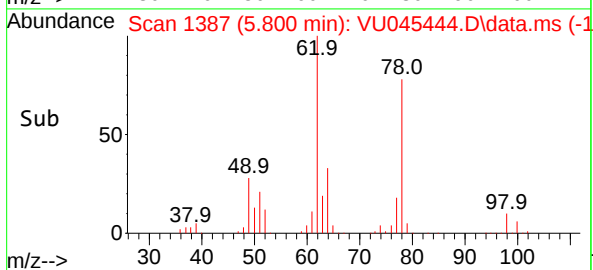
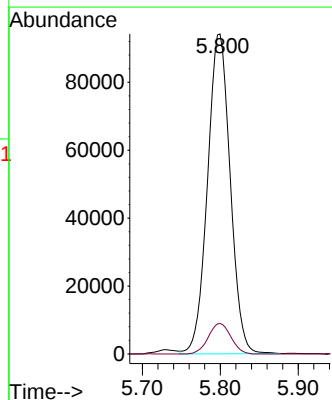
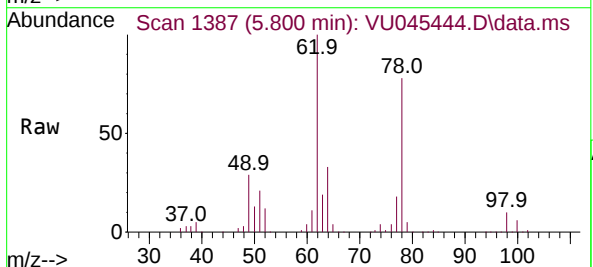
Instrument :
MSVOA_U
ClientSampleId :
VSTD050110

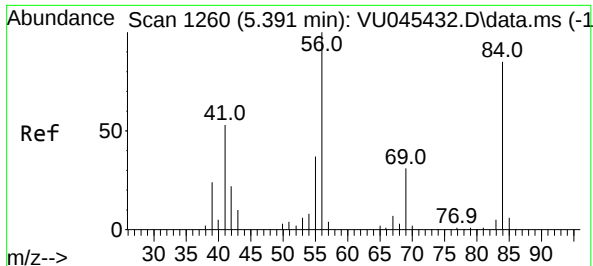
Tgt Ion: 83 Resp: 230408
Ion Ratio Lower Upper
83 100
85 64.2 45.0 83.6



#27
1,2-Dichloroethane
Concen: 49.619 ug/L
RT: 5.800 min Scan# 1387
Delta R.T. 0.003 min
Lab File: VU045444.D
Acq: 28 Oct 2021 16:54

Tgt Ion: 62 Resp: 190754
Ion Ratio Lower Upper
62 100
98 9.5 7.4 11.0





#29

Cyclohexane

Concen: 49.630 ug/L

RT: 5.394 min Scan# 1261

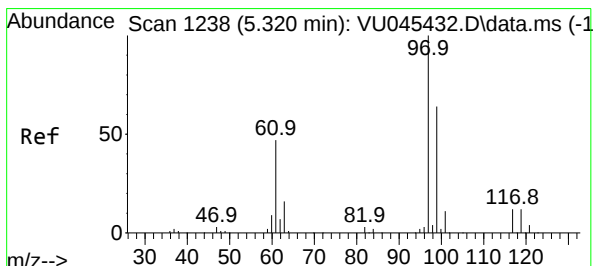
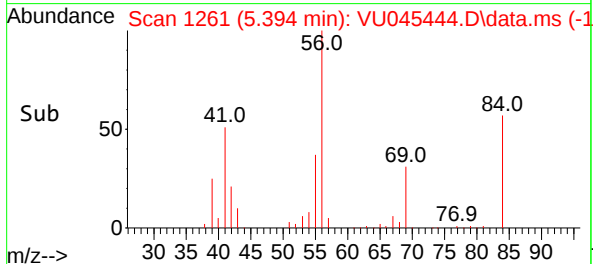
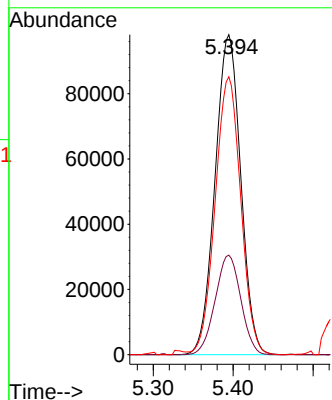
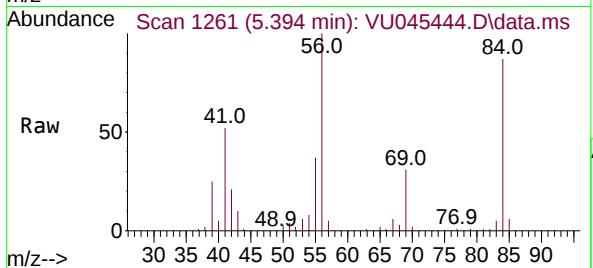
Delta R.T. 0.003 min

Lab File: VU045444.D

Acq: 28 Oct 2021 16:54

Tgt Ion: 56 Resp: 218842

Ion	Ratio	Lower	Upper
56	100		
69	31.0	25.0	37.4
84	86.6	69.9	104.9



#30

1,1,1-Trichloroethane

Concen: 49.193 ug/L

RT: 5.321 min Scan# 1238

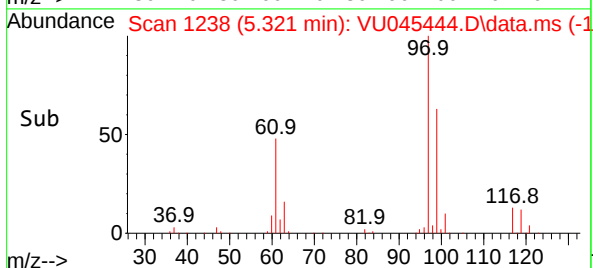
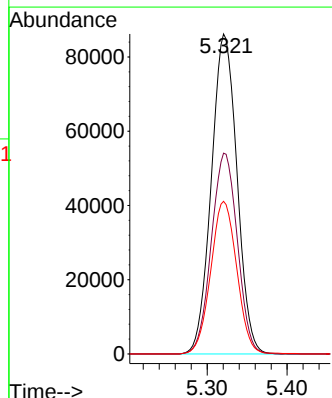
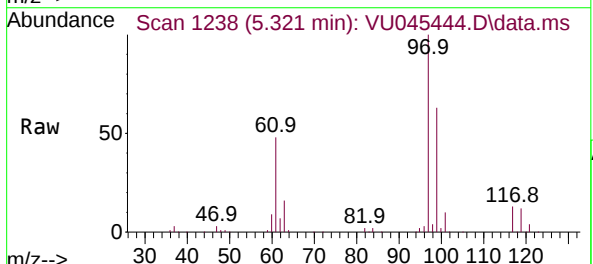
Delta R.T. 0.000 min

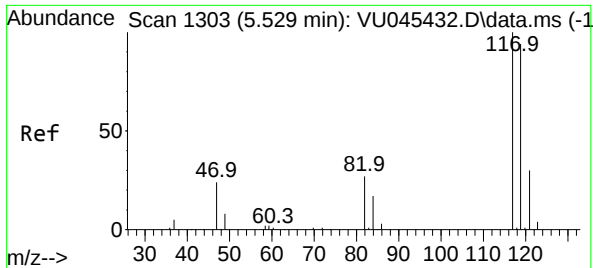
Lab File: VU045444.D

Acq: 28 Oct 2021 16:54

Tgt Ion: 97 Resp: 192150

Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.3	76.9
61	48.4	38.8	58.2

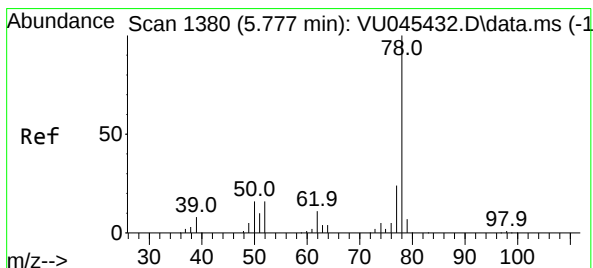
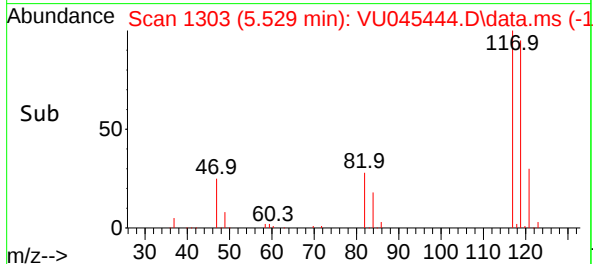
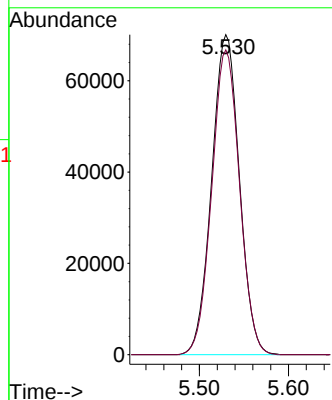
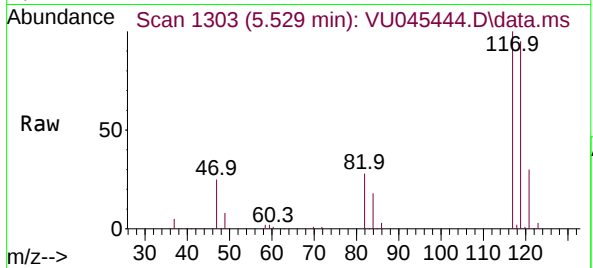




#31
Carbon tetrachloride
Concen: 49.092 ug/L
RT: 5.529 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VU045444.D
Acq: 28 Oct 2021 16:54

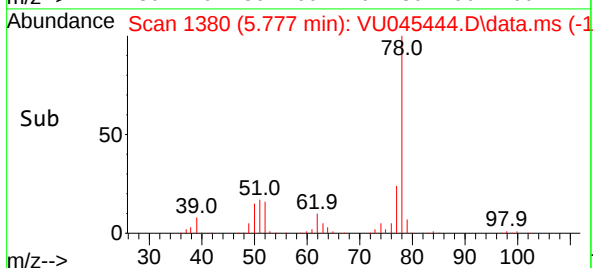
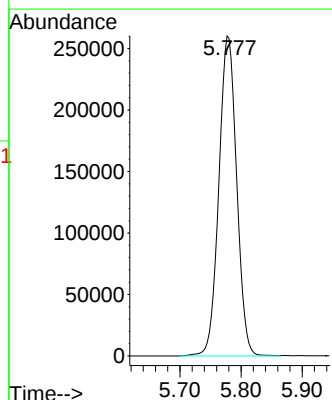
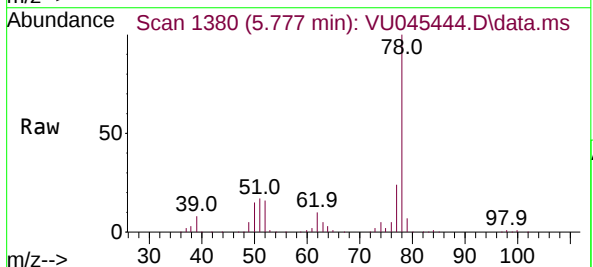
Instrument :
MSVOA_U
ClientSampleId :
VSTD050110

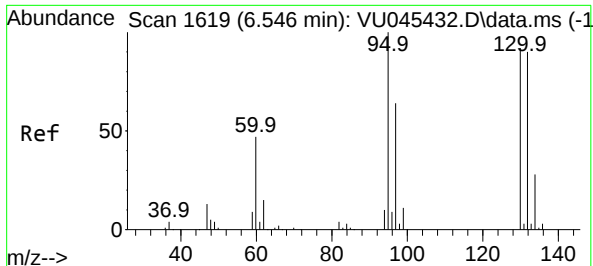
Tgt Ion:117 Resp: 151615
Ion Ratio Lower Upper
117 100
119 95.4 77.0 115.4



#33
Benzene
Concen: 49.327 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU045444.D
Acq: 28 Oct 2021 16:54

Tgt Ion: 78 Resp: 526287





#34

Trichloroethene

Concen: 49.429 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VU045444.D

Acq: 28 Oct 2021 16:54

Tgt Ion: 95 Resp: 126596

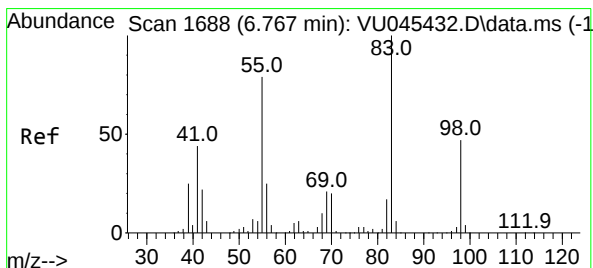
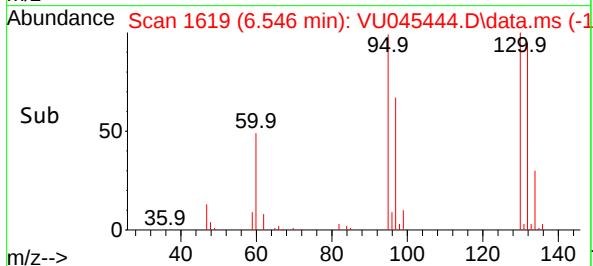
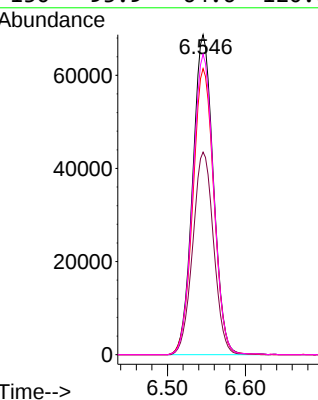
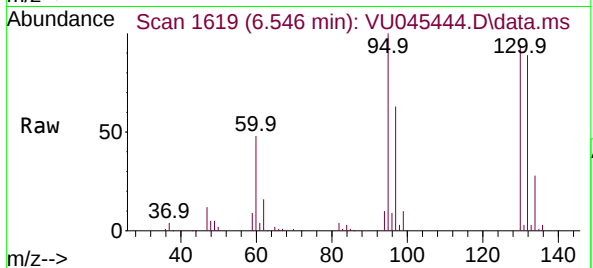
Ion Ratio Lower Upper

95 100

97 63.3 45.0 83.6

132 89.4 63.3 117.7

130 93.9 64.6 120.0



#35

Methylcyclohexane

Concen: 49.133 ug/L

RT: 6.767 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VU045444.D

Acq: 28 Oct 2021 16:54

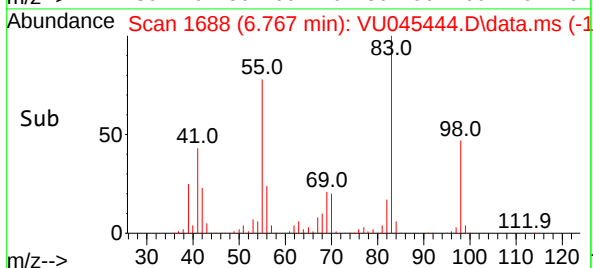
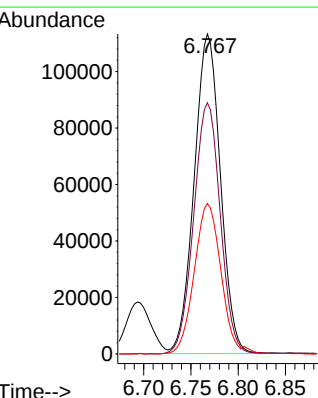
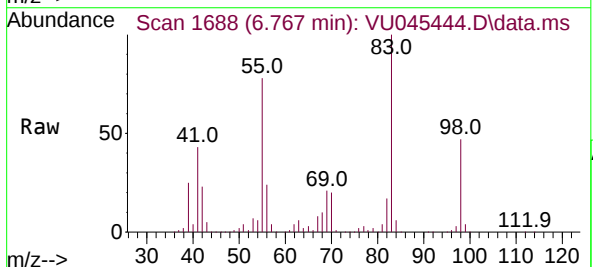
Tgt Ion: 83 Resp: 218657

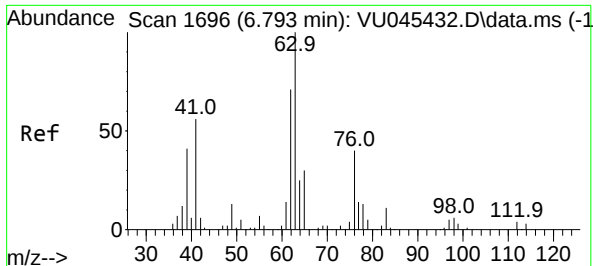
Ion Ratio Lower Upper

83 100

55 79.5 62.8 94.2

98 47.2 37.4 56.2



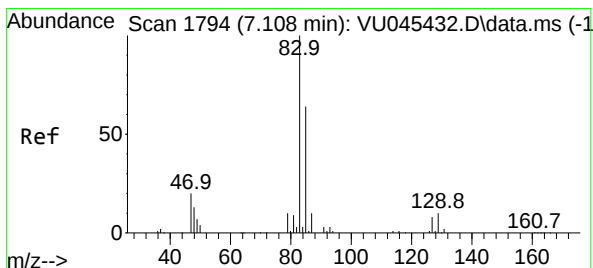
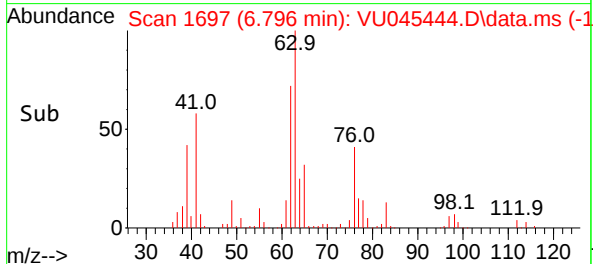
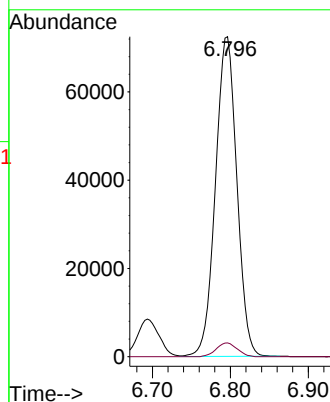
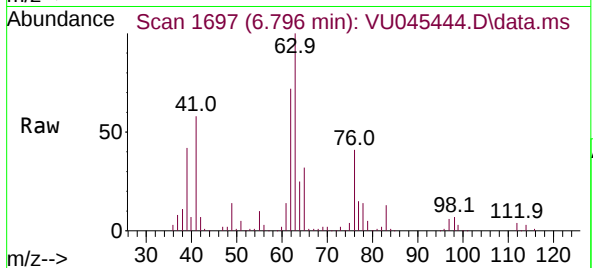


#37

1,2-Dichloropropane
Concen: 48.697 ug/L
RT: 6.796 min Scan# 1697
Delta R.T. 0.003 min
Lab File: VU045444.D
Acq: 28 Oct 2021 16:54

Instrument :
MSVOA_U
ClientSampleId :
VSTD050110

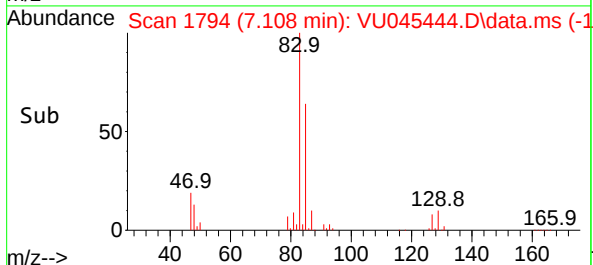
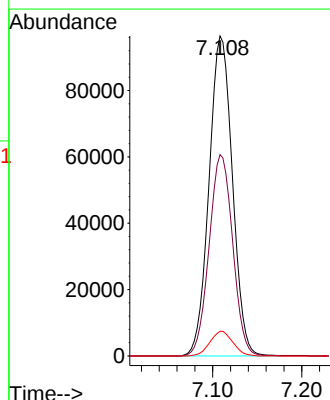
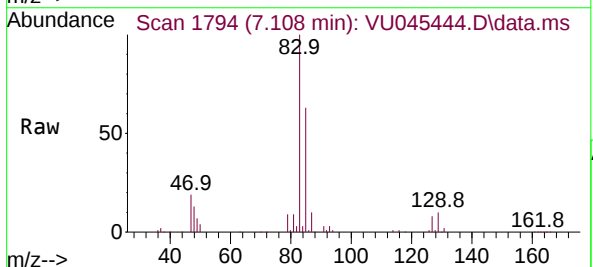
Tgt Ion: 63 Resp: 137936
Ion Ratio Lower Upper
63 100
112 4.2 3.4 5.2

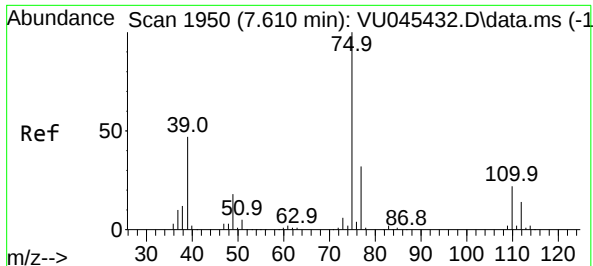


#38

Bromodichloromethane
Concen: 49.298 ug/L
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU045444.D
Acq: 28 Oct 2021 16:54

Tgt Ion: 83 Resp: 175572
Ion Ratio Lower Upper
83 100
85 62.9 45.1 83.9
127 7.7 6.2 9.2



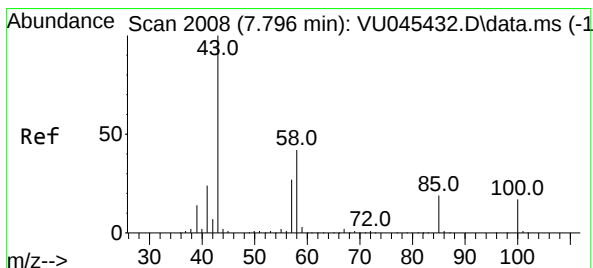
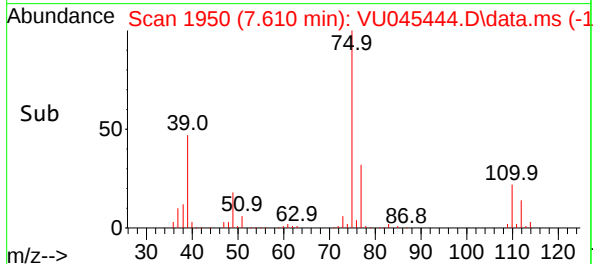
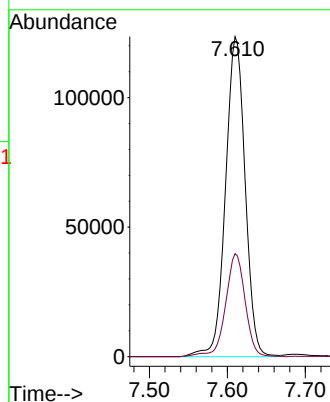
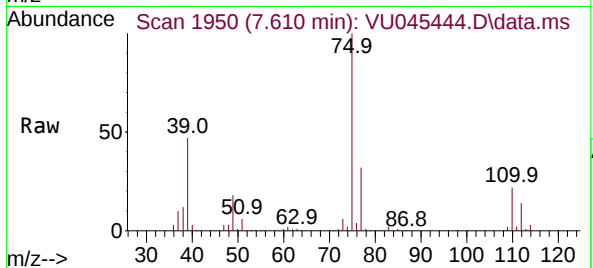


#39

cis-1,3-Dichloropropene
Concen: 49.907 ug/L
RT: 7.610 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VU045444.D
Acq: 28 Oct 2021 16:54

Instrument :
MSVOA_U
ClientSampleId :
VSTD050110

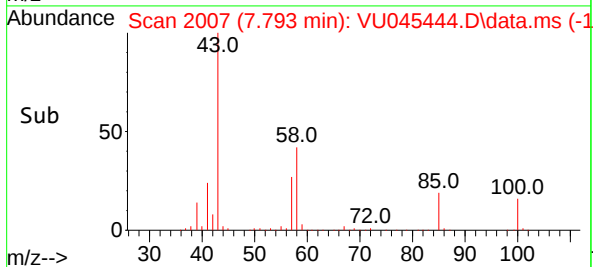
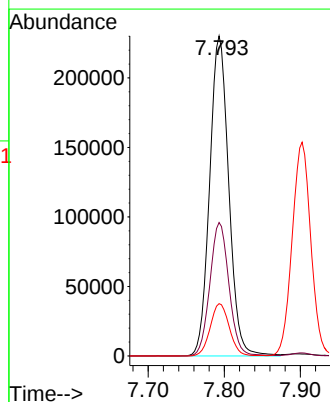
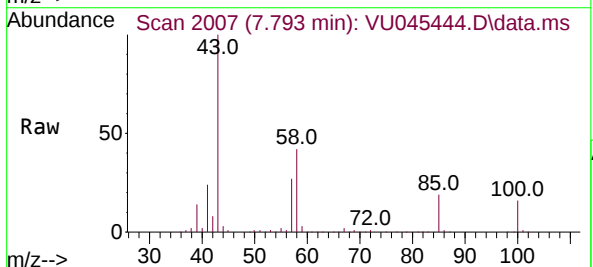
Tgt Ion: 75 Resp: 216254
Ion Ratio Lower Upper
75 100
77 32.2 22.7 42.1

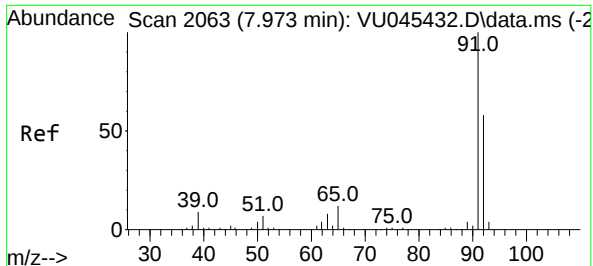


#40

4-Methyl-2-pentanone
Concen: 96.070 ug/L
RT: 7.793 min Scan# 2007
Delta R.T. -0.003 min
Lab File: VU045444.D
Acq: 28 Oct 2021 16:54

Tgt Ion: 43 Resp: 401597
Ion Ratio Lower Upper
43 100
58 41.6 33.9 50.9
100 16.4 13.3 19.9

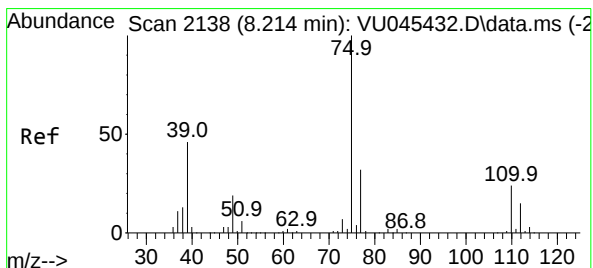
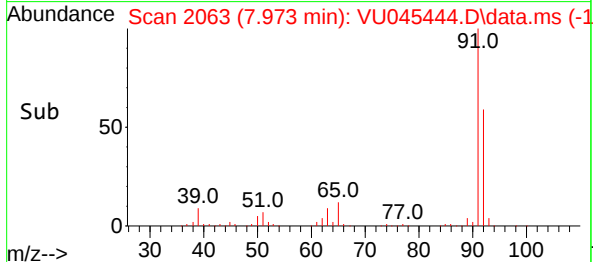
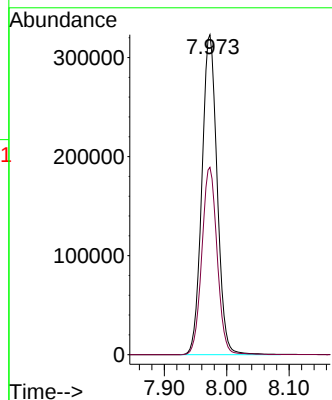
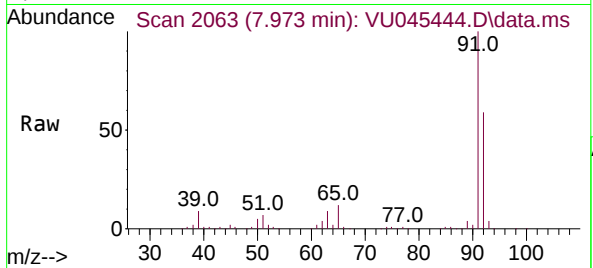




#42
Toluene
Concen: 49.490 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045444.D
Acq: 28 Oct 2021 16:54

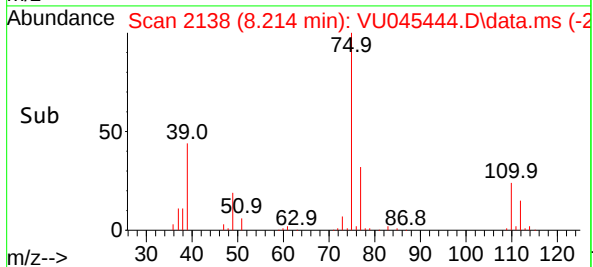
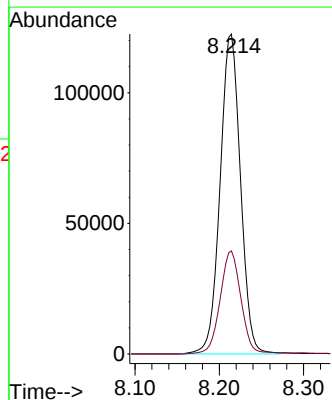
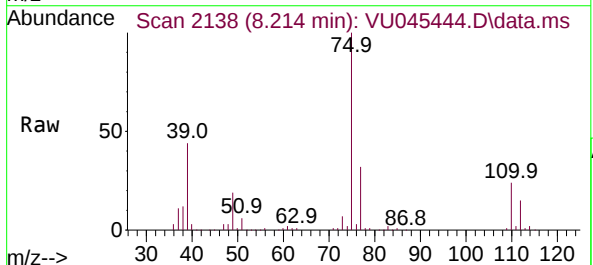
Instrument :
MSVOA_U
ClientSampleId :
VSTD050110

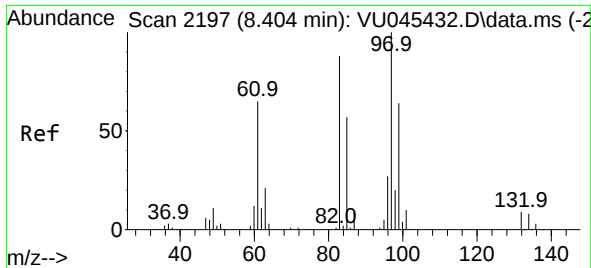
Tgt Ion: 91 Resp: 549468
Ion Ratio Lower Upper
91 100
92 58.6 40.7 75.7



#44
trans-1,3-Dichloropropene
Concen: 50.262 ug/L
RT: 8.214 min Scan# 2138
Delta R.T. 0.000 min
Lab File: VU045444.D
Acq: 28 Oct 2021 16:54

Tgt Ion: 75 Resp: 205366
Ion Ratio Lower Upper
75 100
77 32.2 22.7 42.1

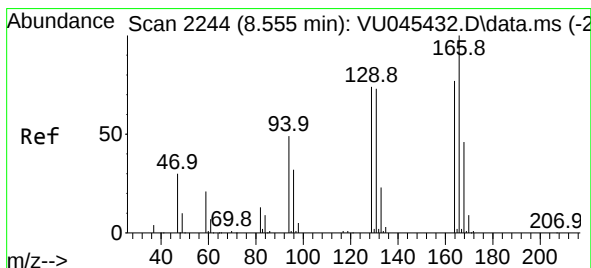
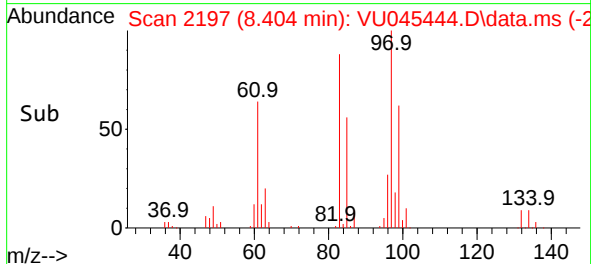
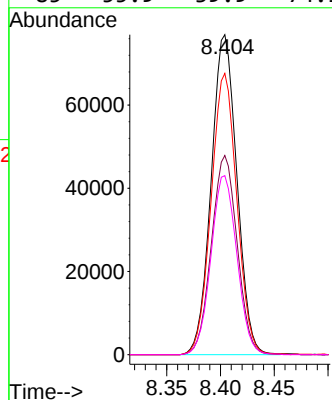
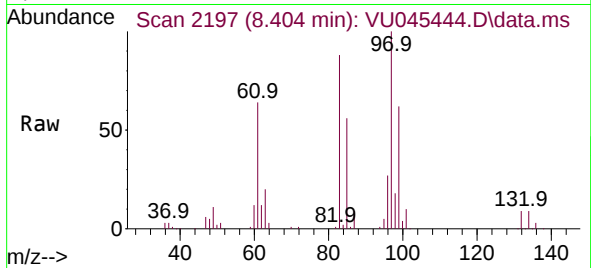




#45
1,1,2-Trichloroethane
Concen: 48.712 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU045444.D
Acq: 28 Oct 2021 16:54

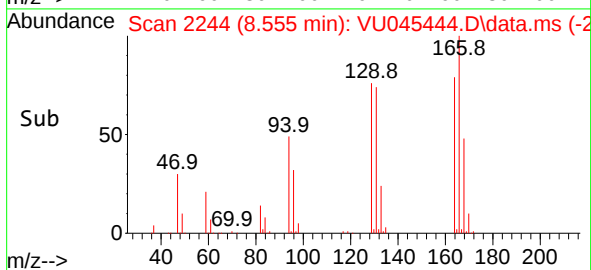
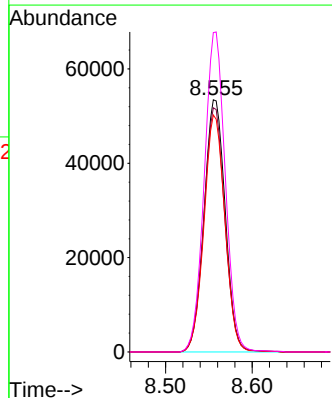
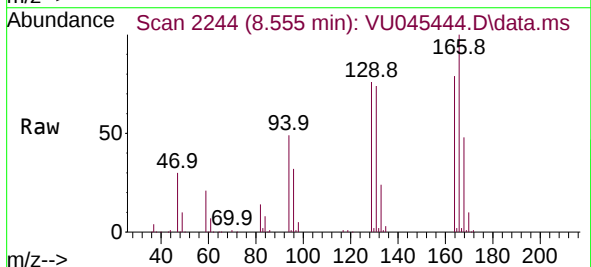
Instrument :
MSVOA_U
ClientSampleId :
VSTD050110

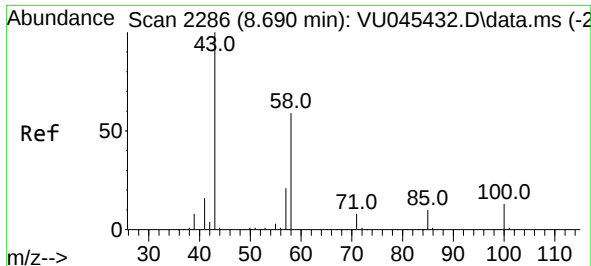
Tgt Ion:	97	Resp:	128132
Ion	Ratio	Lower	Upper
97	100		
99	62.3	44.7	82.9
83	87.9	61.5	114.1
85	55.9	39.9	74.1



#46
Tetrachloroethene
Concen: 50.041 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU045444.D
Acq: 28 Oct 2021 16:54

Tgt Ion:	164	Resp:	90913
Ion	Ratio	Lower	Upper
164	100		
129	96.8	66.8	124.2
131	94.0	65.6	121.8
166	126.6	90.4	168.0

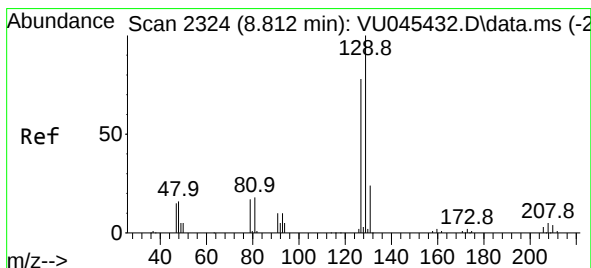
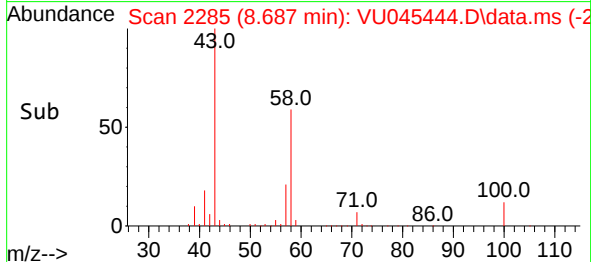
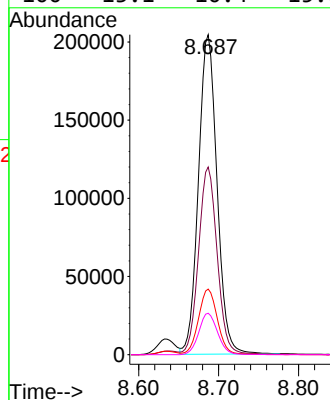
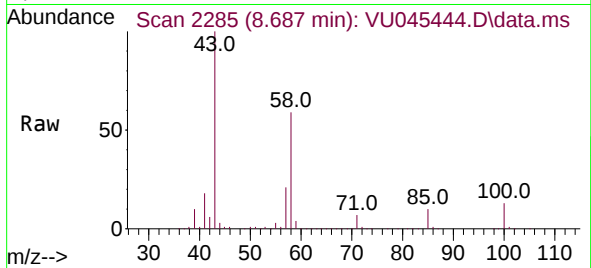




#48
2-Hexanone
Concen: 95.219 ug/L
RT: 8.687 min Scan# 2285
Delta R.T. -0.003 min
Lab File: VU045444.D
Acq: 28 Oct 2021 16:54

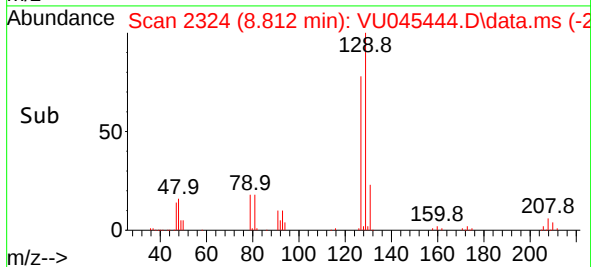
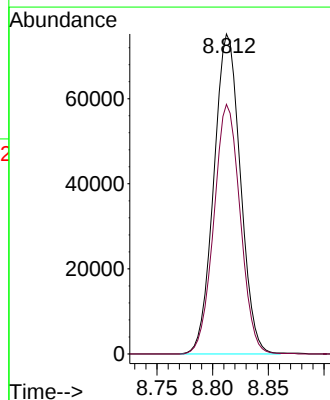
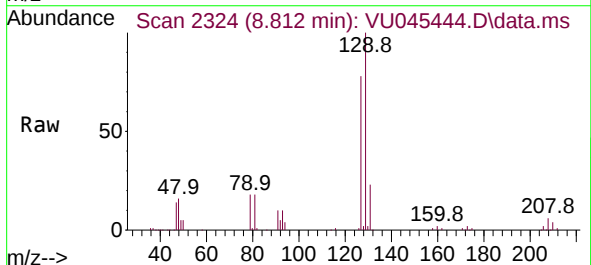
Instrument :
MSVOA_U
ClientSampleId :
VSTD050110

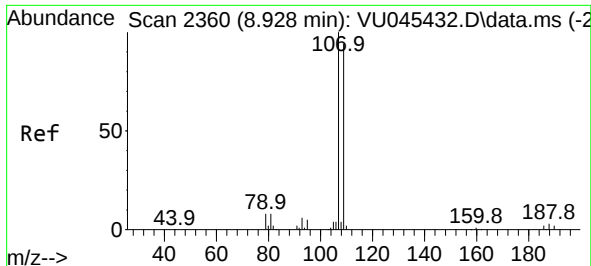
Tgt Ion: 43	Resp: 331539
Ion Ratio	Lower Upper
43 100	
58 58.5	47.0 70.4
57 20.8	16.3 24.5
100 13.1	10.4 15.6



#49
Dibromochloromethane
Concen: 49.277 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU045444.D
Acq: 28 Oct 2021 16:54

Tgt Ion:129	Resp: 124904
Ion Ratio	Lower Upper
129 100	
127 78.0	54.9 101.9





#50

1,2-Dibromoethane

Concen: 48.805 ug/L

RT: 8.928 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VU045444.D

Acq: 28 Oct 2021 16:54

Instrument :

MSVOA_U

ClientSampleId :

VSTD050110

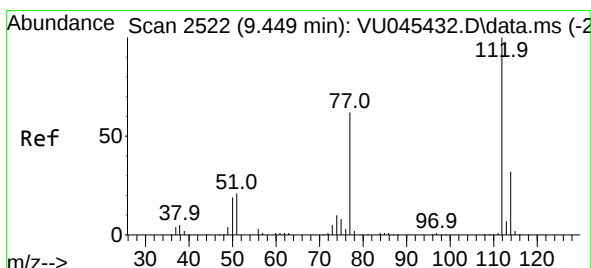
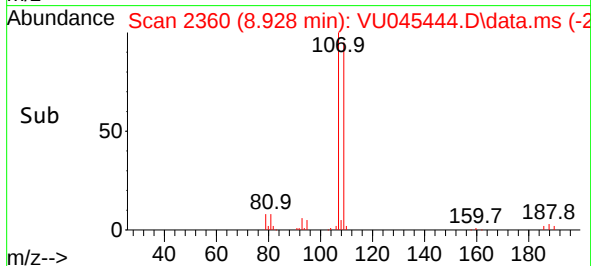
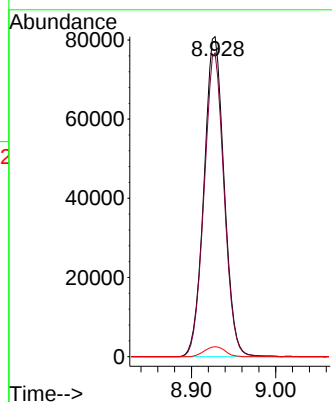
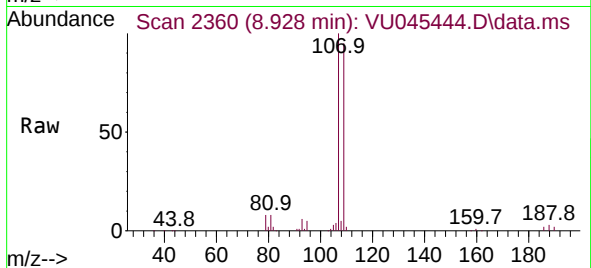
Tgt Ion:107 Resp: 134728

Ion Ratio Lower Upper

107 100

109 94.9 66.1 122.8

188 3.1 2.8 4.2



#51

Chlorobenzene

Concen: 48.983 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. 0.000 min

Lab File: VU045444.D

Acq: 28 Oct 2021 16:54

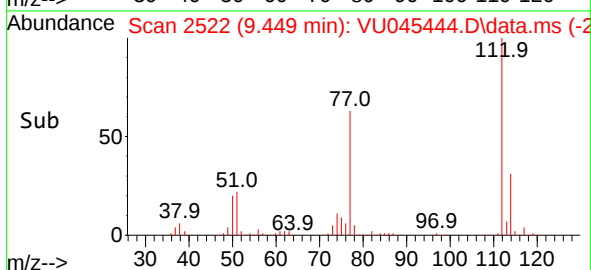
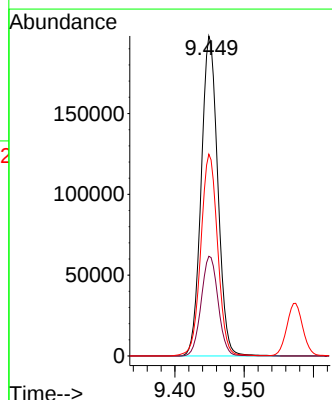
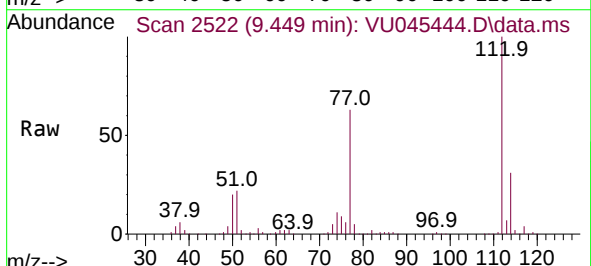
Tgt Ion:112 Resp: 328614

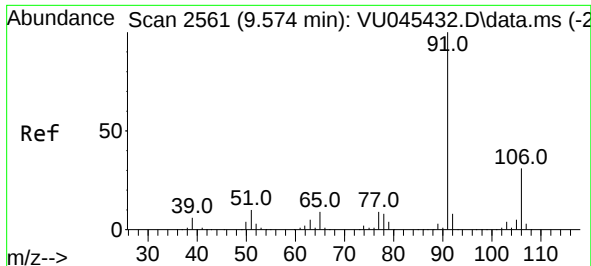
Ion Ratio Lower Upper

112 100

114 31.2 22.5 41.7

77 63.0 49.8 74.6

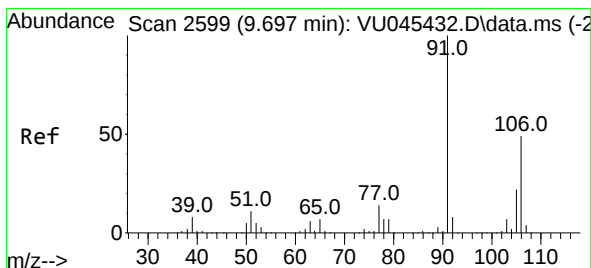
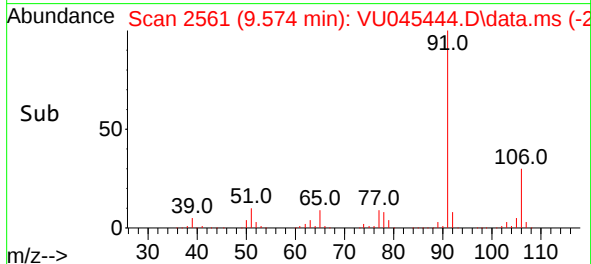
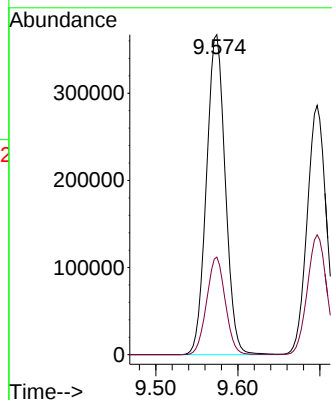
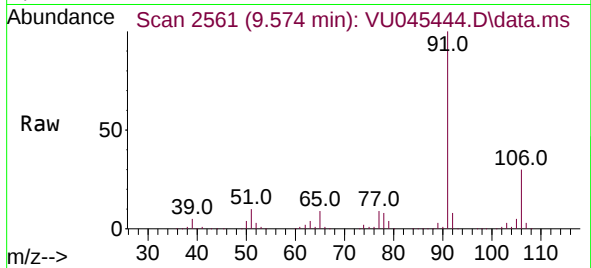




#52
Ethylbenzene
Concen: 49.898 ug/L
RT: 9.574 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU045444.D
Acq: 28 Oct 2021 16:54

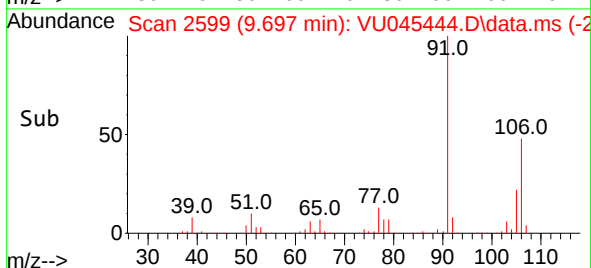
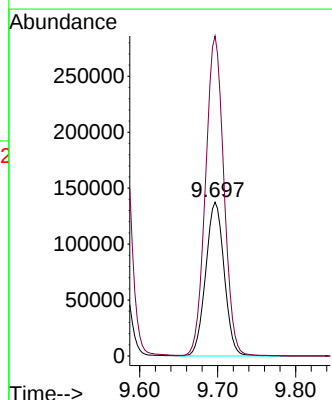
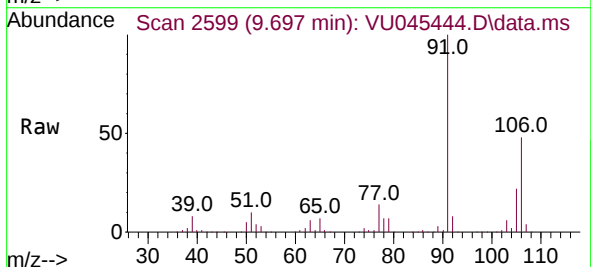
Instrument :
MSVOA_U
ClientSampleId :
VSTD050110

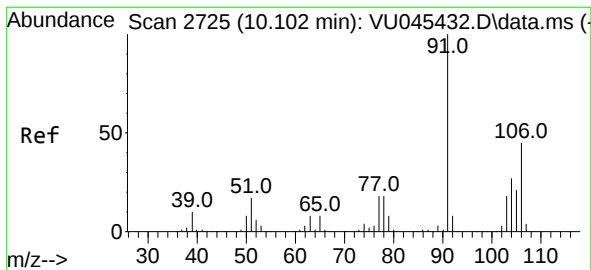
Tgt Ion: 91 Resp: 587619
Ion Ratio Lower Upper
91 100
106 30.5 21.7 40.3



#53
m,p-Xylene
Concen: 50.302 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU045444.D
Acq: 28 Oct 2021 16:54

Tgt Ion: 106 Resp: 226681
Ion Ratio Lower Upper
106 100
91 208.1 142.2 264.2

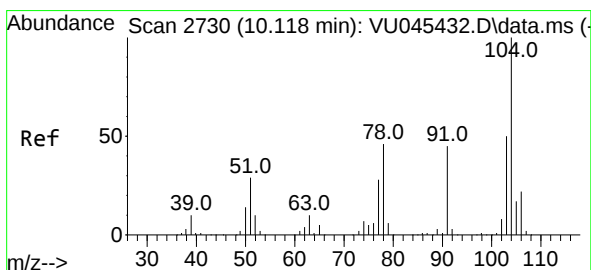
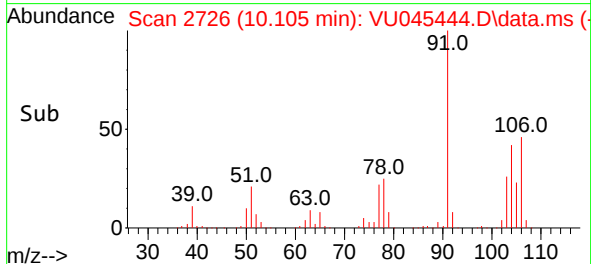
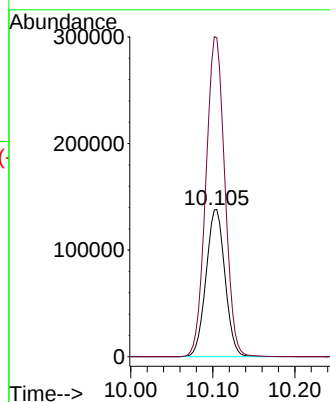
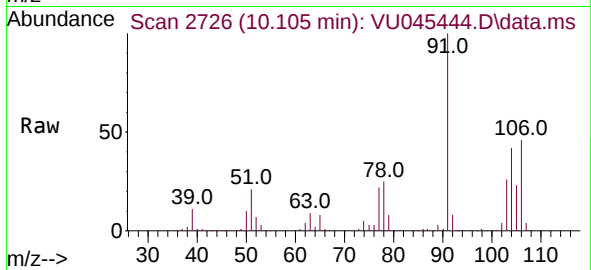




#54
o-xylene
Concen: 49.594 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. 0.003 min
Lab File: VU045444.D
Acq: 28 Oct 2021 16:54

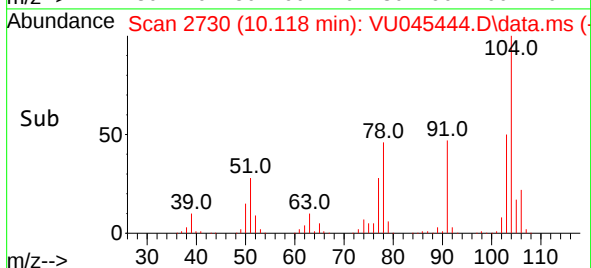
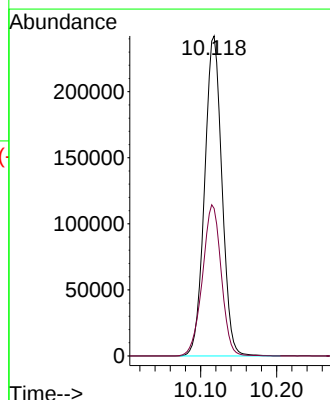
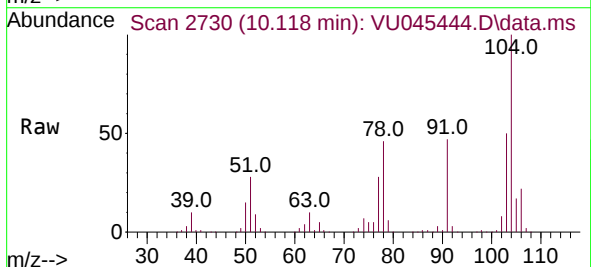
Instrument :
MSVOA_U
ClientSampleId :
VSTD050110

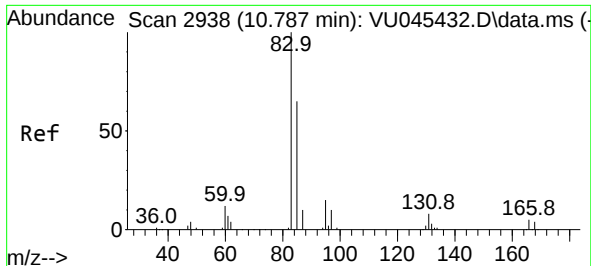
Tgt Ion:106 Resp: 221360
Ion Ratio Lower Upper
106 100
91 216.7 155.2 288.2



#55
Styrene
Concen: 51.072 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. 0.000 min
Lab File: VU045444.D
Acq: 28 Oct 2021 16:54

Tgt Ion:104 Resp: 382975
Ion Ratio Lower Upper
104 100
78 46.1 32.6 60.6

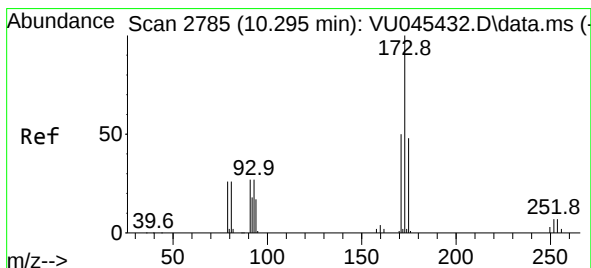
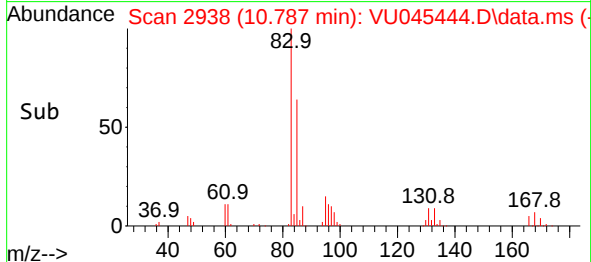
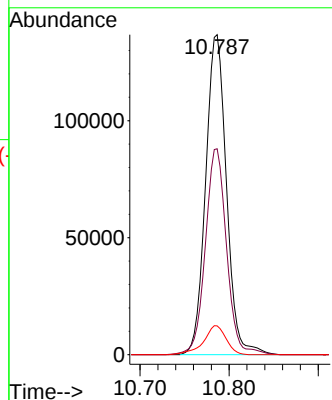
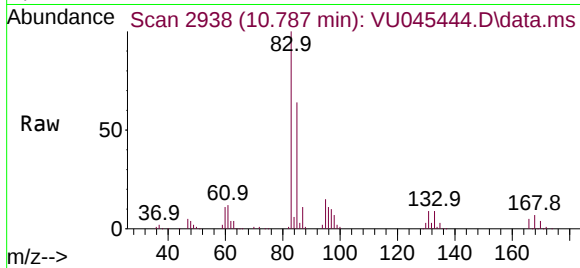




#57
1,1,2,2-Tetrachloroethane
Concen: 47.558 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. 0.000 min
Lab File: VU045444.D
Acq: 28 Oct 2021 16:54

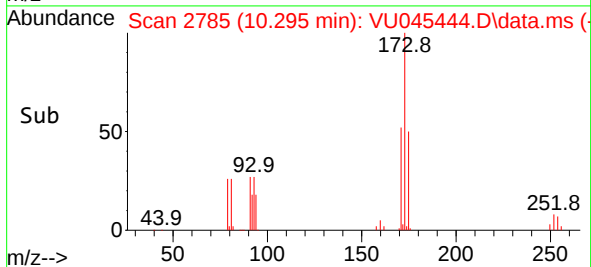
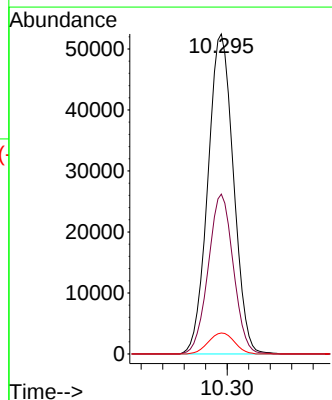
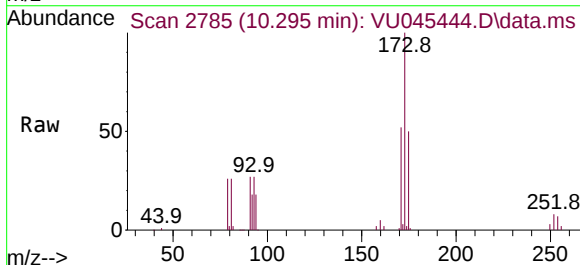
Instrument :
MSVOA_U
ClientSampleId :
VSTD050110

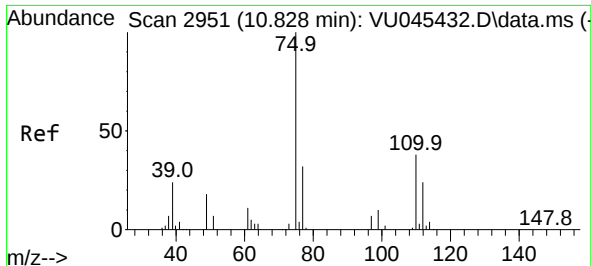
Tgt Ion:	83	Resp:	222235
Ion	Ratio	Lower	Upper
83	100		
85	64.4	46.0	85.4
131	9.0	7.0	10.4



#59
Bromoform
Concen: 48.124 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. 0.000 min
Lab File: VU045444.D
Acq: 28 Oct 2021 16:54

Tgt Ion:	173	Resp:	86642
Ion	Ratio	Lower	Upper
173	100		
175	48.9	38.7	58.1
254	6.7	5.8	8.8

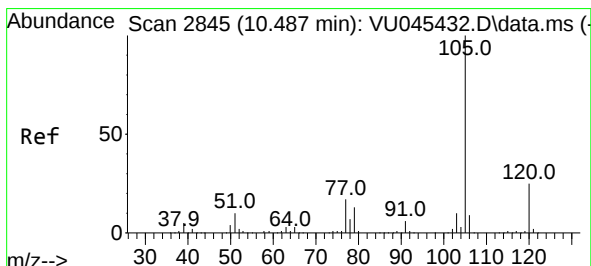
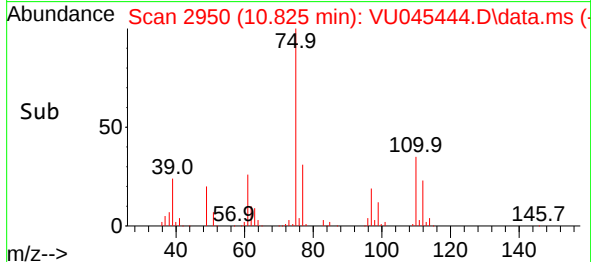
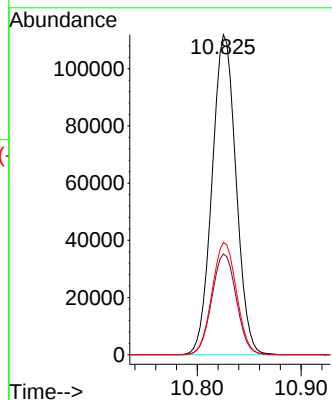
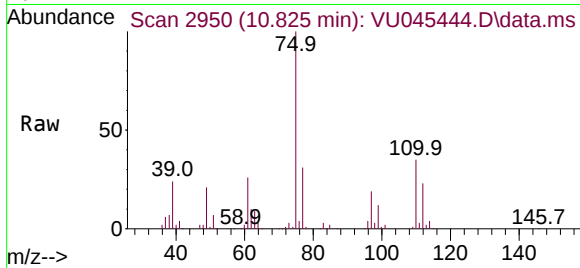




#60
1,2,3-Trichloropropane
Concen: 46.546 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.003 min
Lab File: VU045444.D
Acq: 28 Oct 2021 16:54

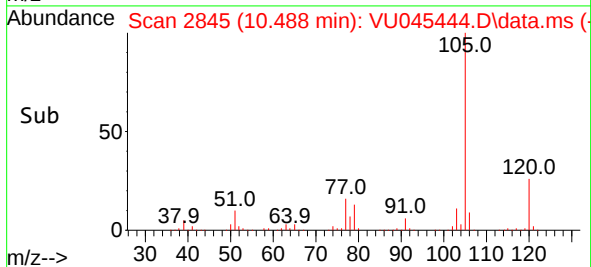
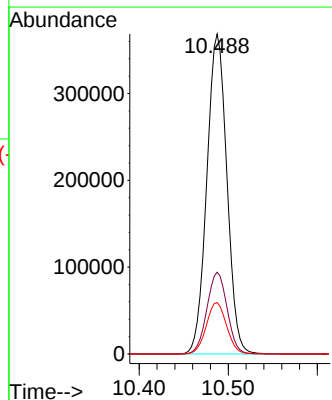
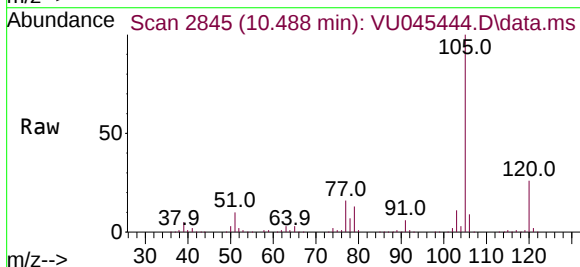
Instrument :
MSVOA_U
ClientSampleId :
VSTD050110

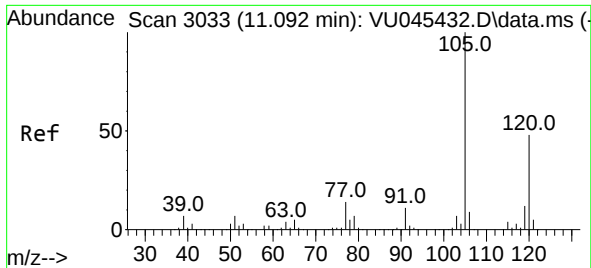
Tgt Ion:	75	Resp:	178957
Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.9	38.9
110	35.8	29.8	44.8



#61
Isopropylbenzene
Concen: 49.853 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU045444.D
Acq: 28 Oct 2021 16:54

Tgt Ion:	105	Resp:	575349
Ion	Ratio	Lower	Upper
105	100		
120	25.8	20.4	30.6
77	16.3	13.3	19.9

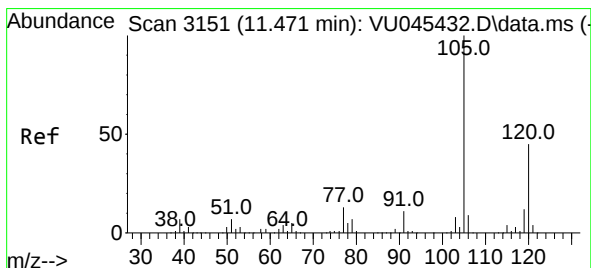
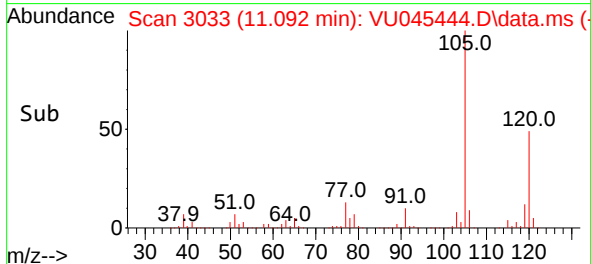
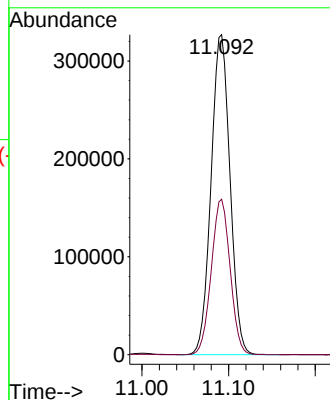
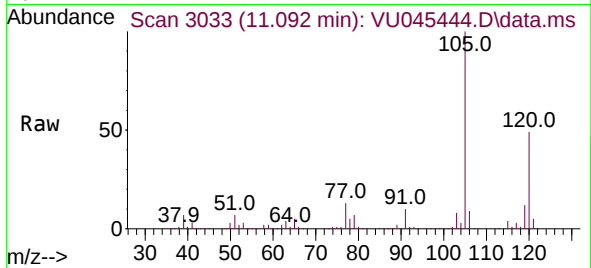




#62
1,3,5-Trimethylbenzene
Concen: 50.538 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU045444.D
Acq: 28 Oct 2021 16:54

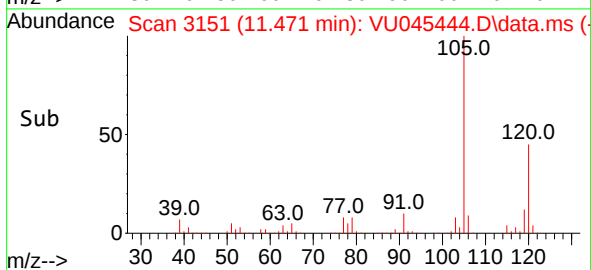
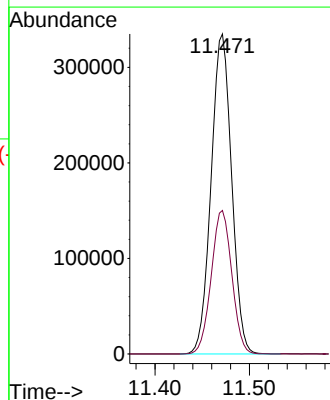
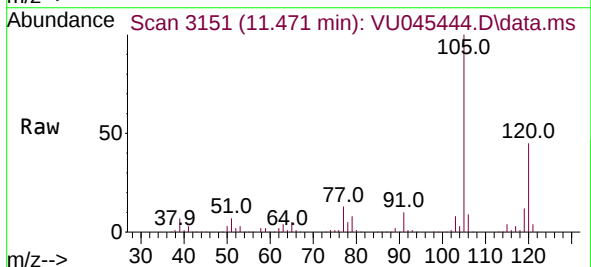
Instrument :
MSVOA_U
ClientSampleId :
VSTD050110

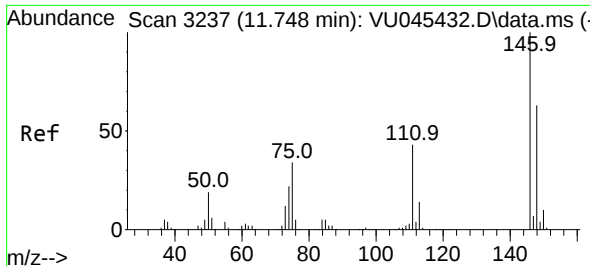
Tgt Ion:105 Resp: 496740
Ion Ratio Lower Upper
105 100
120 48.2 38.5 57.7



#63
1,2,4-Trimethylbenzene
Concen: 50.498 ug/L
RT: 11.471 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU045444.D
Acq: 28 Oct 2021 16:54

Tgt Ion:105 Resp: 504449
Ion Ratio Lower Upper
105 100
120 45.0 35.6 53.4

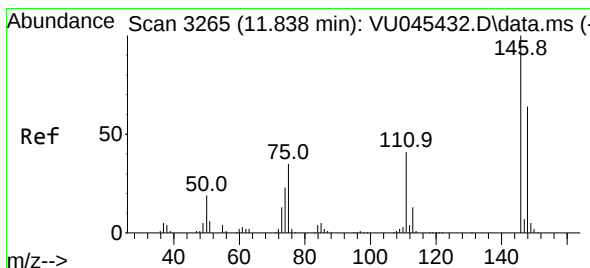
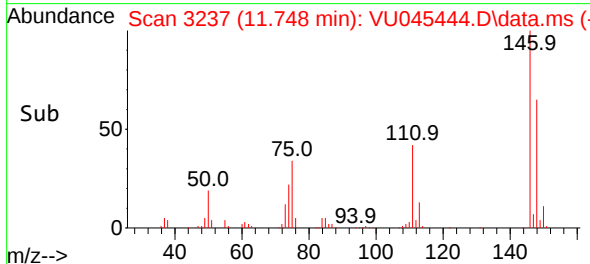
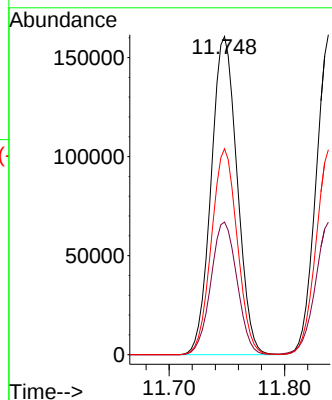
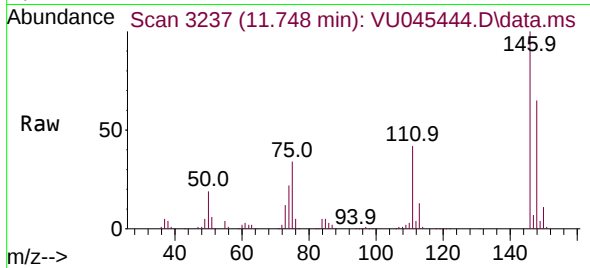




#64
1,3-Dichlorobenzene
Concen: 49.246 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU045444.D
Acq: 28 Oct 2021 16:54

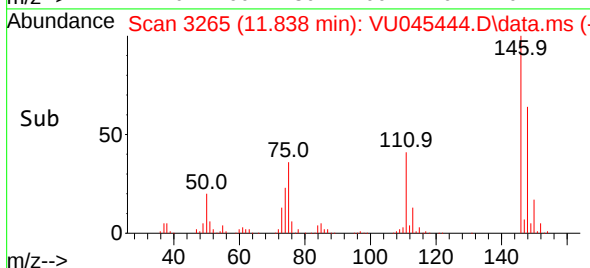
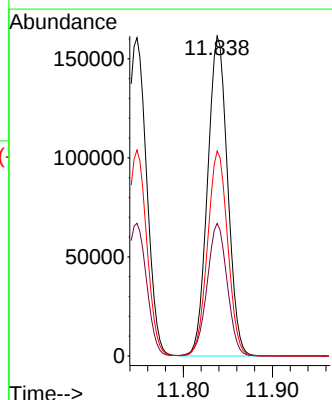
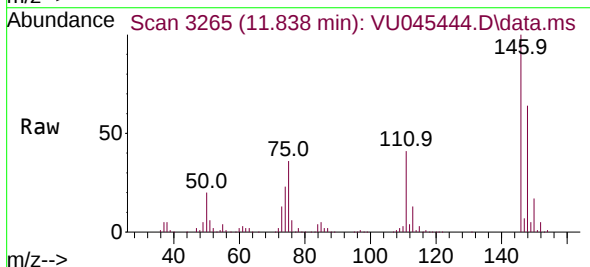
Instrument :
MSVOA_U
ClientSampleId :
VSTD050110

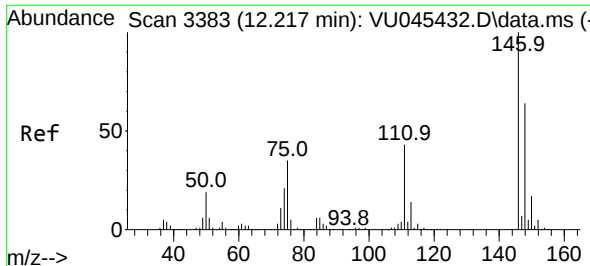
Tgt Ion:146 Resp: 251337
Ion Ratio Lower Upper
146 100
111 41.7 29.8 55.4
148 64.7 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 48.650 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU045444.D
Acq: 28 Oct 2021 16:54

Tgt Ion:146 Resp: 251187
Ion Ratio Lower Upper
146 100
111 41.4 28.6 53.0
148 64.1 44.5 82.7

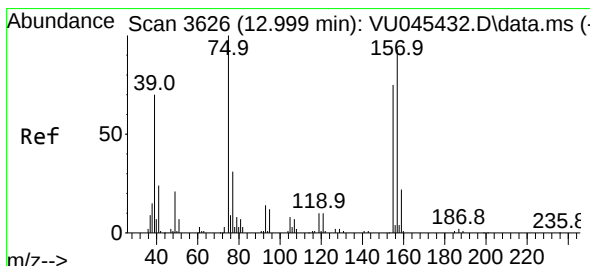
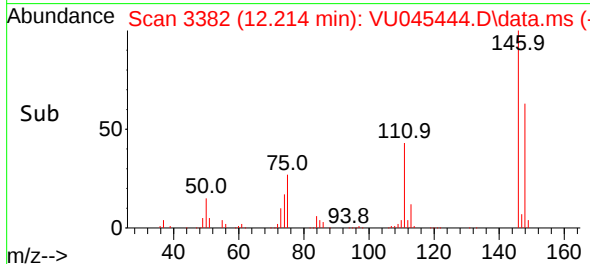
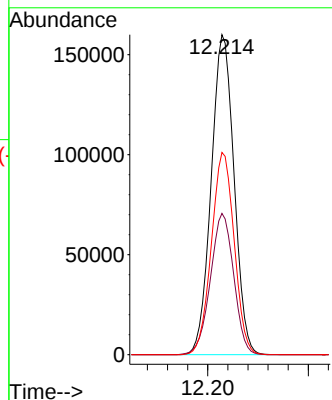
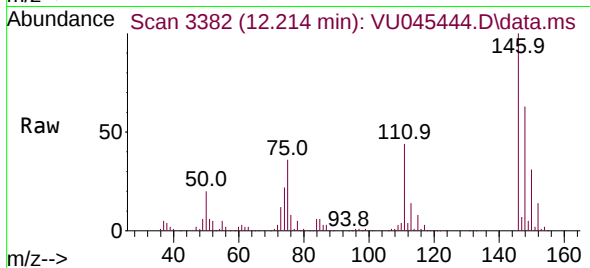




#67
1,2-Dichlorobenzene
Concen: 47.767 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. -0.003 min
Lab File: VU045444.D
Acq: 28 Oct 2021 16:54

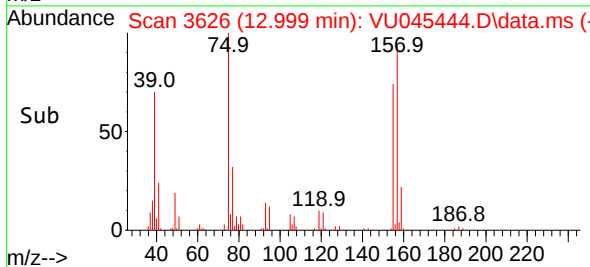
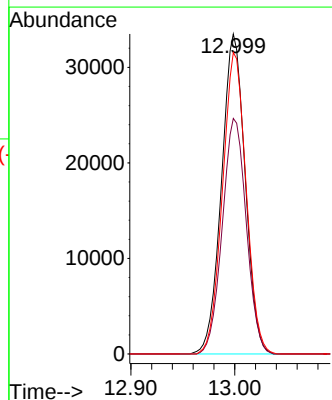
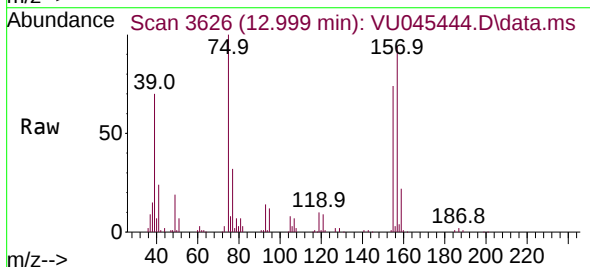
Instrument :
MSVOA_U
ClientSampleId :
VSTD050110

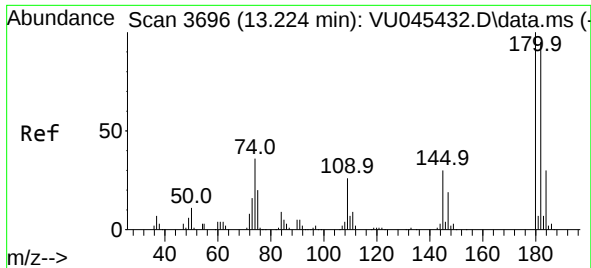
Tgt Ion:146 Resp: 252312
Ion Ratio Lower Upper
146 100
111 44.1 34.6 52.0
148 63.2 51.2 76.8



#68
1,2-Dibromo-3-chloropropane
Concen: 47.068 ug/L
RT: 12.999 min Scan# 3626
Delta R.T. 0.000 min
Lab File: VU045444.D
Acq: 28 Oct 2021 16:54

Tgt Ion: 75 Resp: 52833
Ion Ratio Lower Upper
75 100
155 73.6 60.0 90.0
157 98.0 77.9 116.9



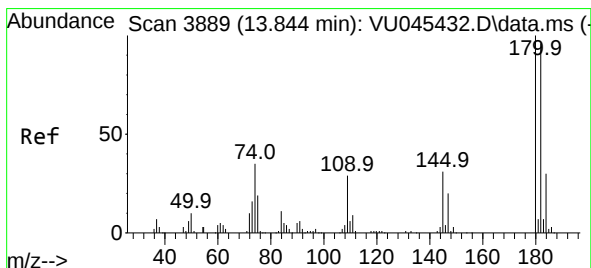
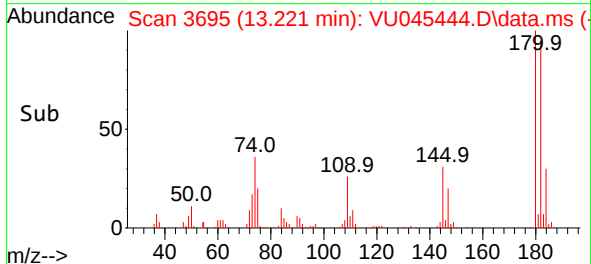
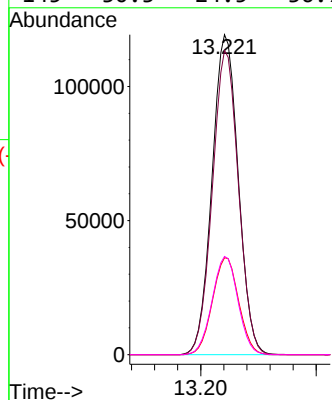
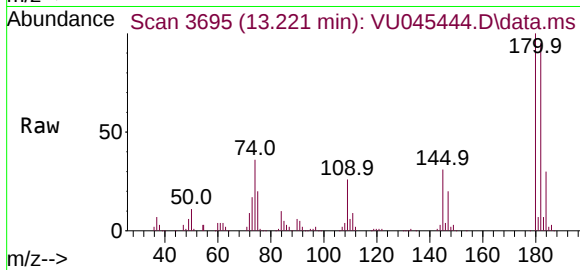


#69
 1,3,5-Trichlorobenzene
 Concen: 49.929 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. -0.003 min
 Lab File: VU045444.D
 Acq: 28 Oct 2021 16:54

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050110

Tgt Ion:180 Resp: 187958

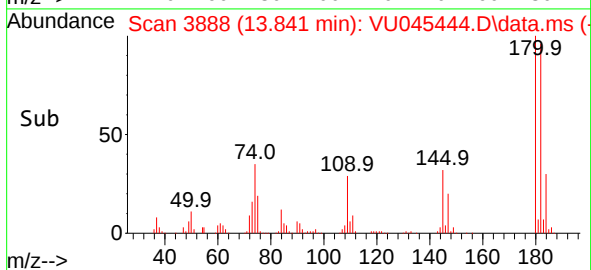
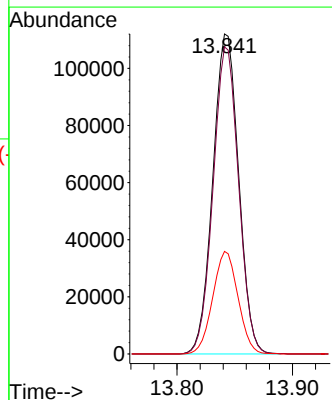
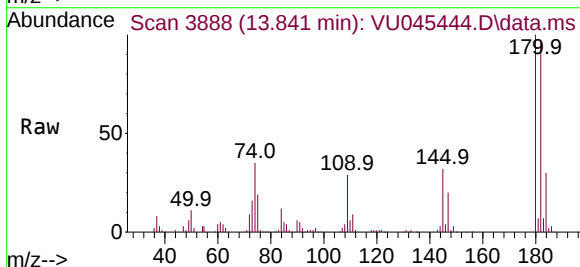
Ion	Ratio	Lower	Upper
180	100		
182	94.7	76.6	114.8
184	30.3	23.9	35.9
145	30.3	24.5	36.7

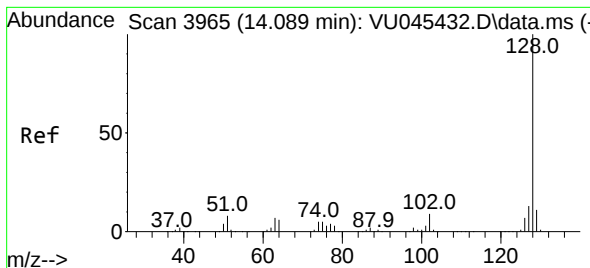


#70
 1,2,4-trichlorobenzene
 Concen: 50.585 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.003 min
 Lab File: VU045444.D
 Acq: 28 Oct 2021 16:54

Tgt Ion:180 Resp: 173978

Ion	Ratio	Lower	Upper
180	100		
182	94.8	76.1	114.1
145	31.4	25.3	37.9

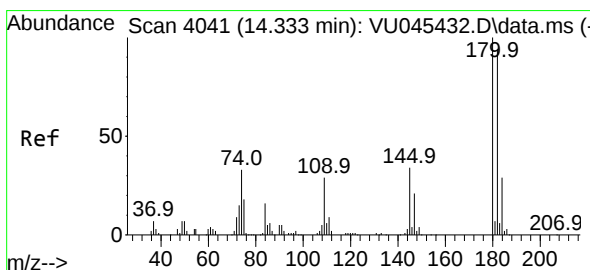
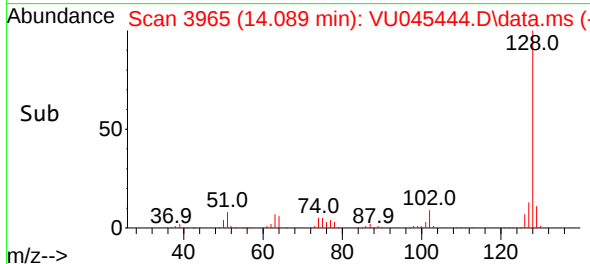
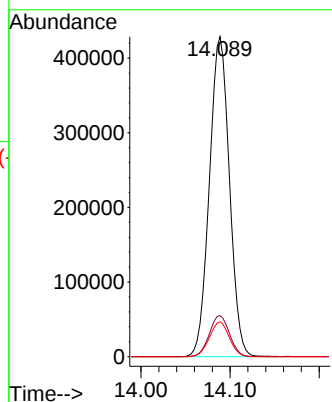
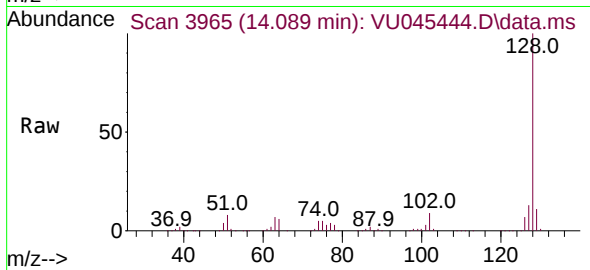




#71
Naphthalene
Concen: 51.034 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VU045444.D
Acq: 28 Oct 2021 16:54

Instrument :
MSVOA_U
ClientSampleId :
VSTD050110

Tgt Ion:128 Resp: 668850
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.8 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 50.676 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VU045444.D
Acq: 28 Oct 2021 16:54

Tgt Ion:180 Resp: 178365
Ion Ratio Lower Upper
180 100
182 94.8 75.7 113.5
145 33.2 27.0 40.4

