

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051921\
 Data File : VU043824.D
 Acq On : 19 May 2021 13:28
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050149

Quant Time: May 20 03:29:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051421WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 20 03:28:54 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	465672	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	447460	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	256909	50.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	151748	39.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.72%
7) Chloroethane-d5	1.899	69	105429	38.03	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.06%
11) 1,1-Dichloroethene-d2	2.568	63	287185	43.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.50%
21) 2-Butanone-d5	4.629	46	263980	87.52	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.52%
24) Chloroform-d	5.070	84	308295	47.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.24%
26) 1,2-Dichloroethane-d4	5.710	65	183431	45.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.46%
32) Benzene-d6	5.735	84	631829	47.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.30%
36) 1,2-Dichloropropane-d6	6.697	67	200116	46.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.54%
41) Toluene-d8	7.906	98	577911	48.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.86%
43) trans-1,3-Dichloroprop...	8.185	79	90341	47.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.54%
47) 2-Hexanone-d5	8.639	63	201292	97.19	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.19%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	322412	49.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.52%
66) 1,2-Dichlorobenzene-d4	12.201	152	248282	48.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.94%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.385	85	177436	45.27	ug/L	100
3) Chloromethane	1.520	50	198672	41.92	ug/L	99
5) Vinyl chloride	1.607	62	202986	44.06	ug/L	100
6) Bromomethane	1.842	94	71347	31.76	ug/L	99
8) Chloroethane	1.922	64	105278	40.37	ug/L	99
9) Trichlorofluoromethane	2.134	101	229888	44.14	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	163987	48.12	ug/L	96
12) 1,1-Dichloroethene	2.581	96	161679	48.10	ug/L	91
13) Acetone	2.633	43	205683	97.68	ug/L	96
14) Carbon disulfide	2.797	76	487184	45.90	ug/L	100
15) Methyl Acetate	2.951	43	204758	42.85	ug/L	96
16) Methylene chloride	3.051	84	193378	38.41	ug/L	94
17) trans-1,2-Dichloroethene	3.356	96	170542	49.04	ug/L	95
18) Methyl tert-butyl Ether	3.369	73	509051	48.26	ug/L	99
19) 1,1-Dichloroethane	3.874	63	317876	46.76	ug/L	98
20) cis-1,2-Dichloroethene	4.674	96	190383	49.69	ug/L	90
22) 2-Butanone	4.710	43	305189	88.05	ug/L	94
23) Bromochloromethane	4.983	128	102793	49.43	ug/L	91
25) Chloroform	5.095	83	321474	48.28	ug/L	99

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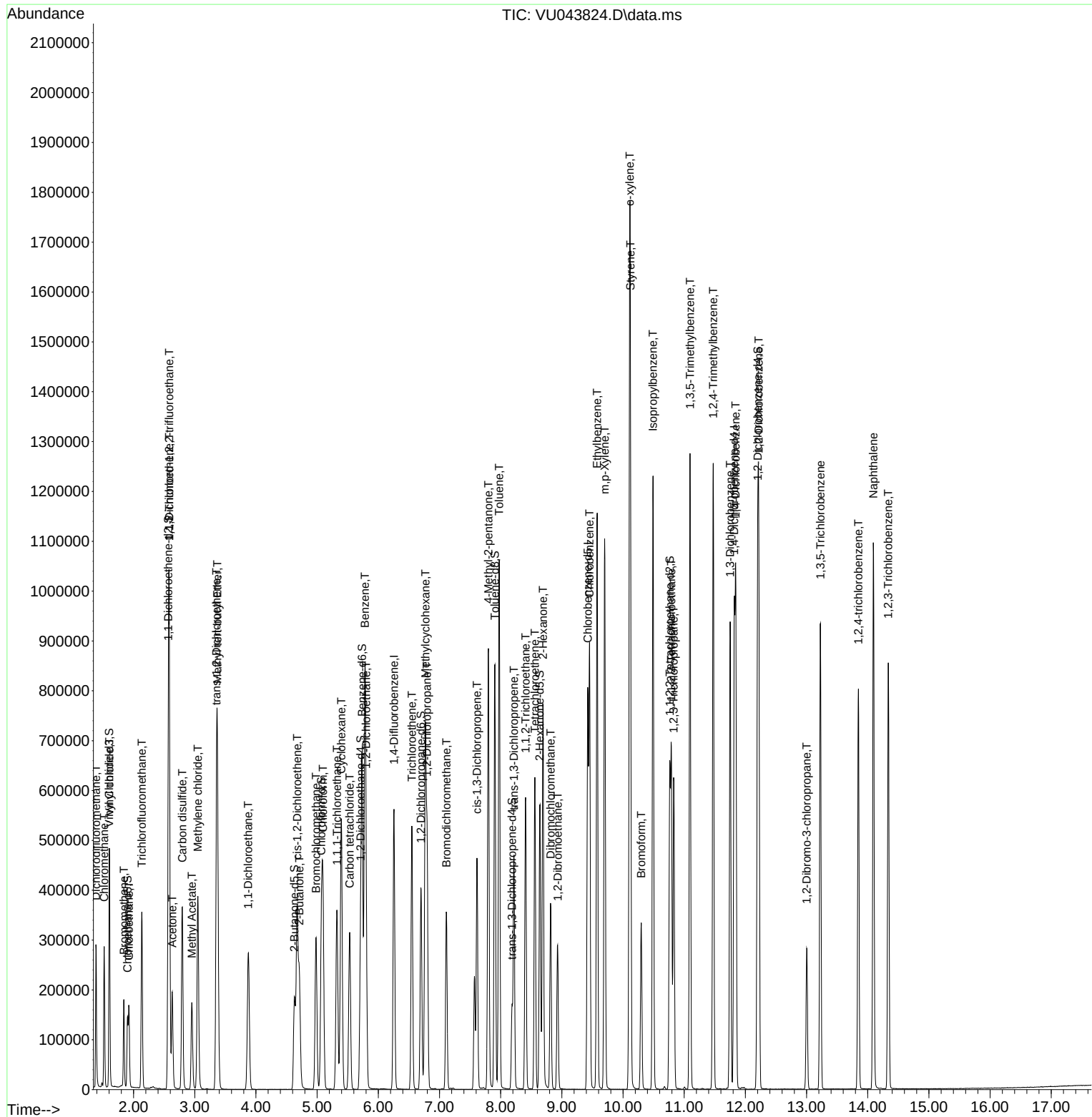
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	240370	46.84	ug/L	99
29) Cyclohexane	5.394	56	274648	46.11	ug/L	95
30) 1,1,1-Trichloroethane	5.324	97	264521	49.04	ug/L	98
31) Carbon tetrachloride	5.533	117	221005	49.90	ug/L	99
33) Benzene	5.780	78	734784	48.57	ug/L	100
34) Trichloroethene	6.549	95	178955	48.63	ug/L	96
35) Methylcyclohexane	6.771	83	283747	48.79	ug/L	97
37) 1,2-Dichloropropane	6.796	63	195878	47.42	ug/L	100
38) Bromodichloromethane	7.111	83	234652	47.97	ug/L	99
39) cis-1,3-Dichloropropene	7.613	75	272488	48.29	ug/L	100
40) 4-Methyl-2-pentanone	7.800	43	551637	88.72	ug/L	97
42) Toluene	7.976	91	788266	49.86	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	263396	49.63	ug/L	100
45) 1,1,2-Trichloroethane	8.407	97	187452	49.26	ug/L	99
46) Tetrachloroethene	8.558	164	149241	51.56	ug/L	99
48) 2-Hexanone	8.690	43	466648	93.46	ug/L	97
49) Dibromochloromethane	8.816	129	194963	49.94	ug/L	98
50) 1,2-Dibromoethane	8.931	107	198386	50.18	ug/L	99
51) Chlorobenzene	9.452	112	479620	48.98	ug/L	98
52) Ethylbenzene	9.578	91	812030	49.76	ug/L	99
53) m,p-Xylene	9.700	106	320891	51.93	ug/L	98
54) o-xylene	10.108	106	315267	51.56	ug/L	95
55) Styrene	10.121	104	545947	52.95	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.790	83	341815	49.28	ug/L	99
59) Bromoform	10.298	173	155054	46.18	ug/L #	98
60) 1,2,3-Trichloropropane	10.828	75	266567	44.46	ug/L	100
61) Isopropylbenzene	10.491	105	795798	47.42	ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	680918	48.86	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	697533	49.84	ug/L	100
64) 1,3-Dichlorobenzene	11.751	146	398573	48.84	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	409241	49.15	ug/L	98
67) 1,2-Dichlorobenzene	12.217	146	420952	49.52	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.002	75	72796	44.34	ug/L	98
69) 1,3,5-Trichlorobenzene	13.227	180	305153	50.45	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	262687	50.84	ug/L	99
71) Naphthalene	14.092	128	871263	50.54	ug/L	100
72) 1,2,3-Trichlorobenzene	14.336	180	282697	51.97	ug/L	99

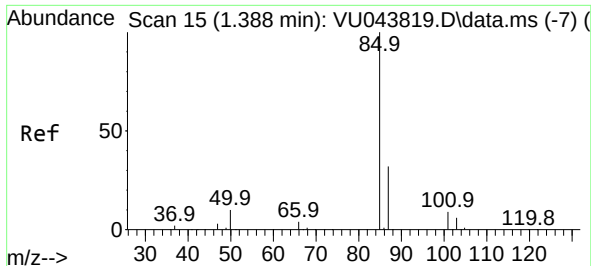
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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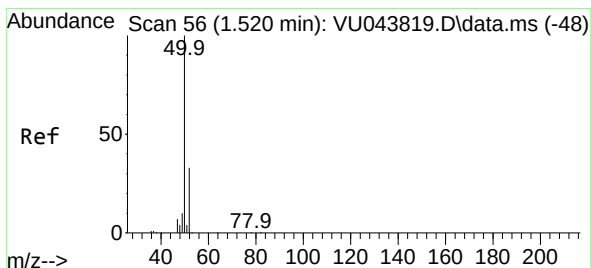
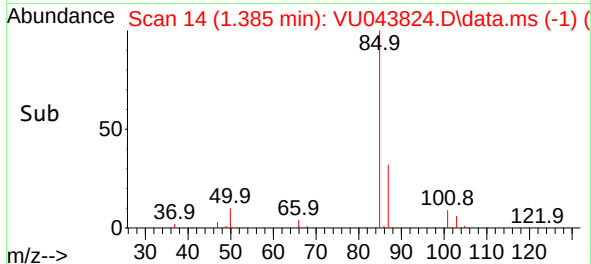
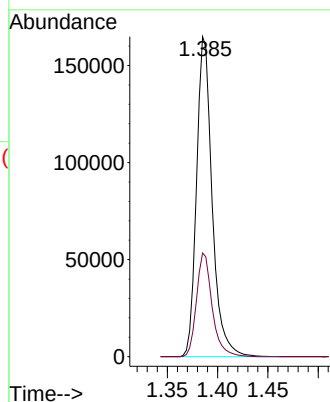
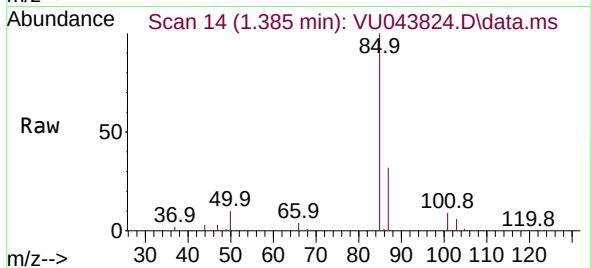




#2
Dichlorodifluoromethane
Concen: 45.27 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU043824.D
Acq: 19 May 2021 13:28

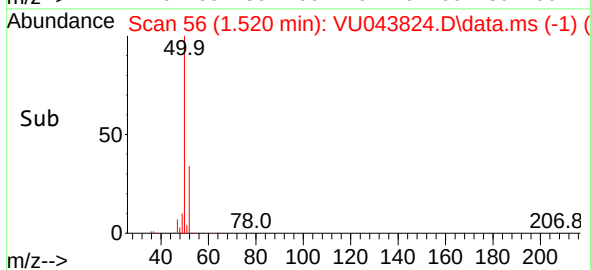
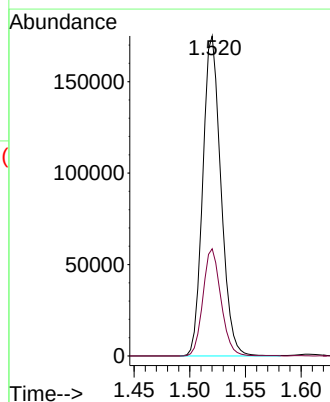
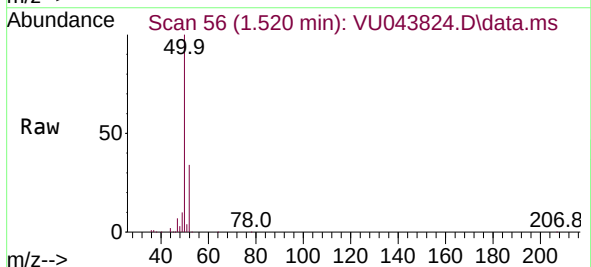
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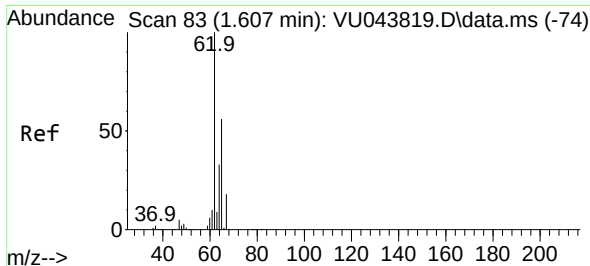
Tgt Ion: 85 Resp: 177436
Ion Ratio Lower Upper
85 100
87 32.6 25.9 38.9



#3
Chloromethane
Concen: 41.92 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU043824.D
Acq: 19 May 2021 13:28

Tgt Ion: 50 Resp: 198672
Ion Ratio Lower Upper
50 100
52 33.5 23.2 43.2

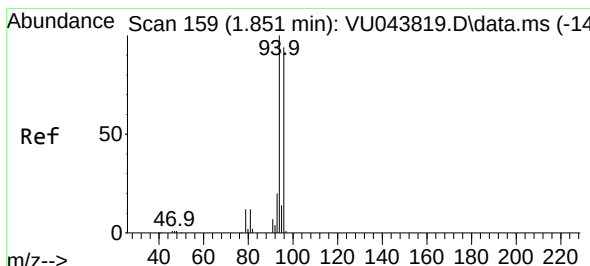
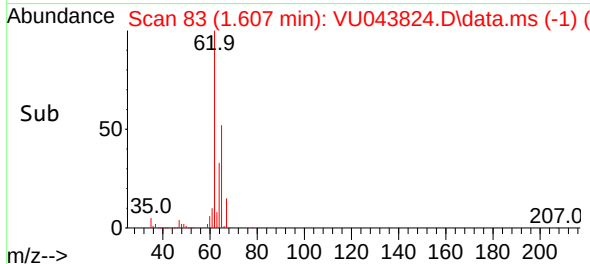
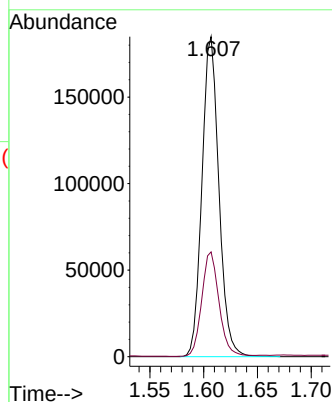
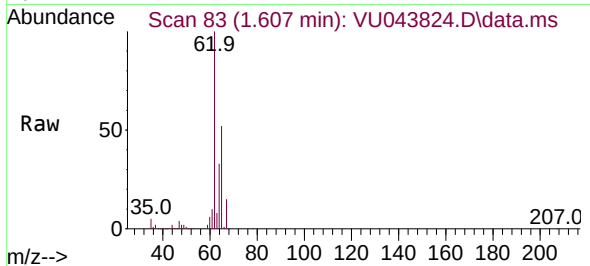




#5
 Vinyl chloride
 Concen: 44.06 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU043824.D
 Acq: 19 May 2021 13:28

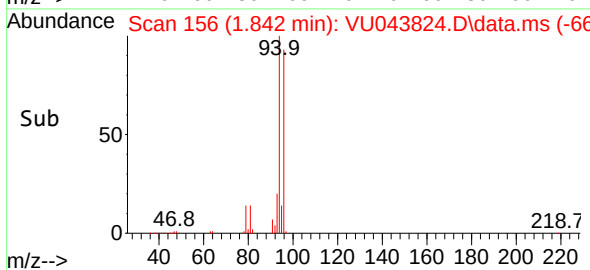
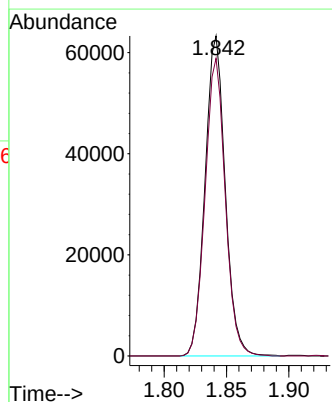
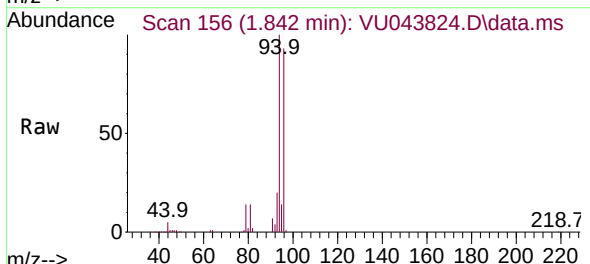
Instrument :
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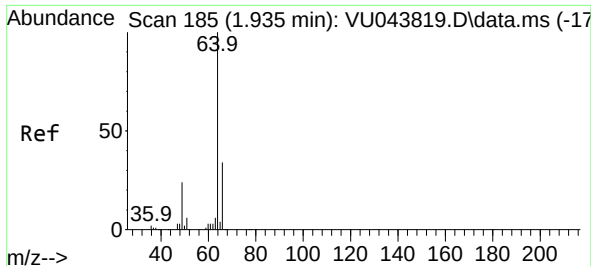
Tgt Ion: 62 Resp: 202986
 Ion Ratio Lower Upper
 62 100
 64 32.7 22.9 42.5



#6
 Bromomethane
 Concen: 31.76 ug/L
 RT: 1.842 min Scan# 156
 Delta R.T. -0.010 min
 Lab File: VU043824.D
 Acq: 19 May 2021 13:28

Tgt Ion: 94 Resp: 71347
 Ion Ratio Lower Upper
 94 100
 96 93.0 64.2 119.2

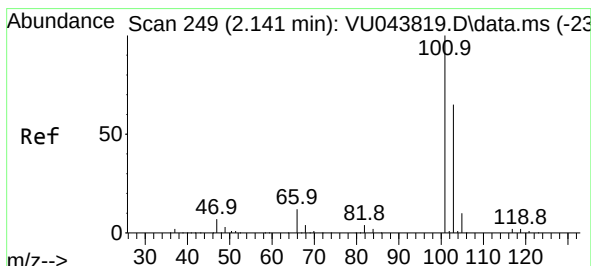
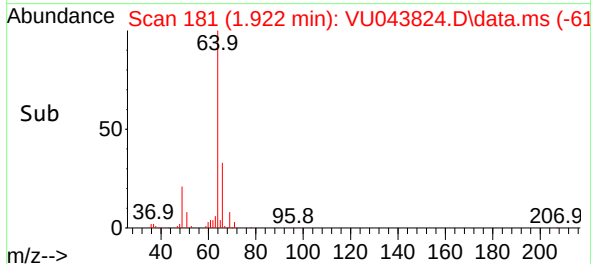
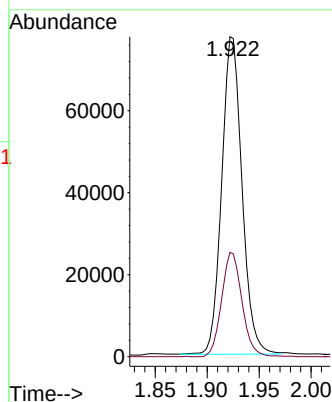
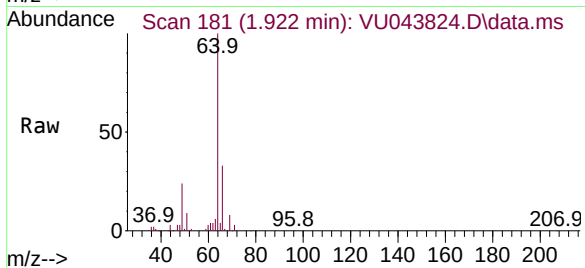




#8
Chloroethane
Concen: 40.37 ug/L
RT: 1.922 min Scan# 181
Delta R.T. -0.013 min
Lab File: VU043824.D
Acq: 19 May 2021 13:28

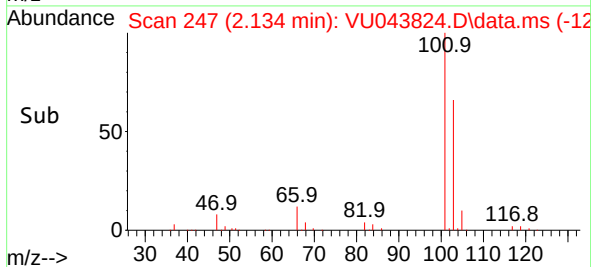
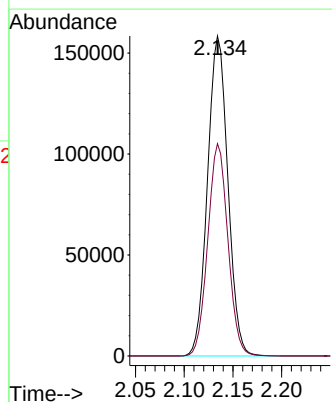
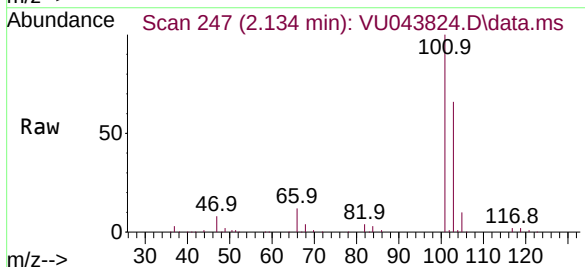
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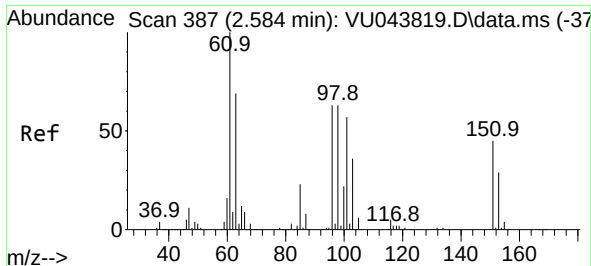
Tgt Ion: 64 Resp: 105278
Ion Ratio Lower Upper
64 100
66 32.6 23.2 43.2



#9
Trichlorofluoromethane
Concen: 44.14 ug/L
RT: 2.134 min Scan# 247
Delta R.T. -0.006 min
Lab File: VU043824.D
Acq: 19 May 2021 13:28

Tgt Ion:101 Resp: 229888
Ion Ratio Lower Upper
101 100
103 65.6 52.3 78.5

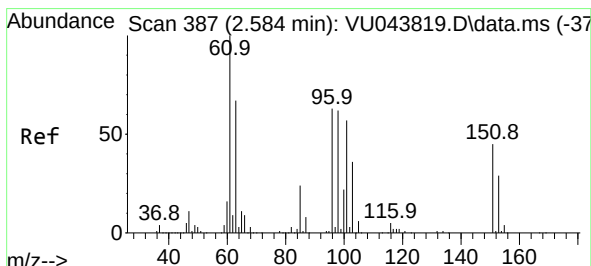
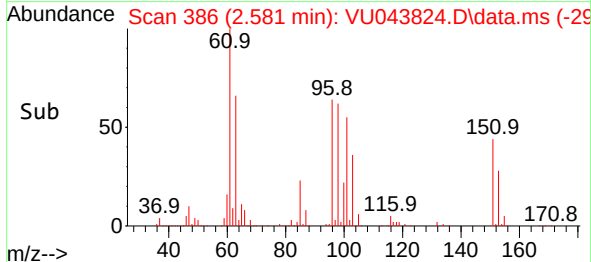
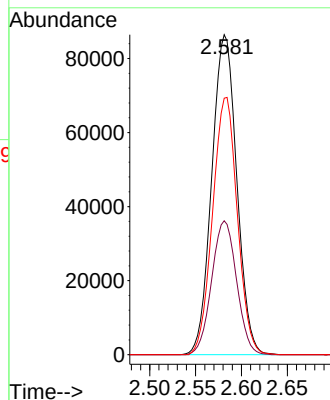
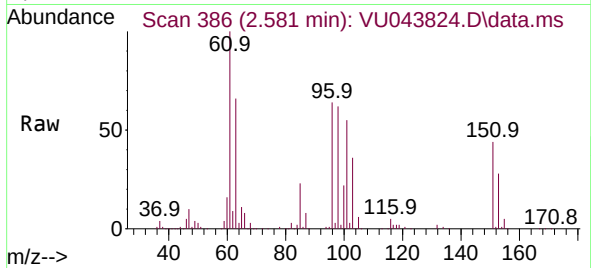




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 48.12 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.003 min
Lab File: VU043824.D
Acq: 19 May 2021 13:28

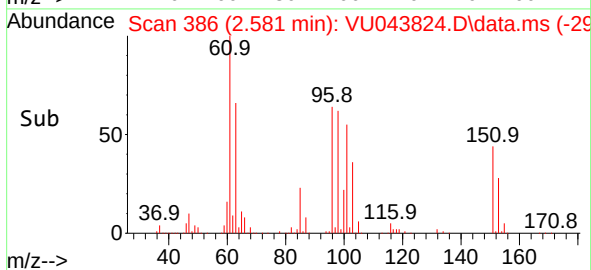
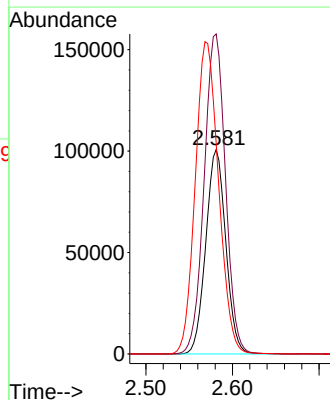
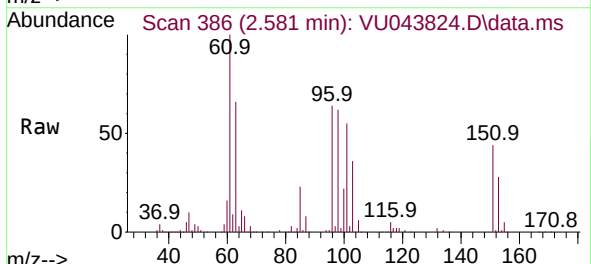
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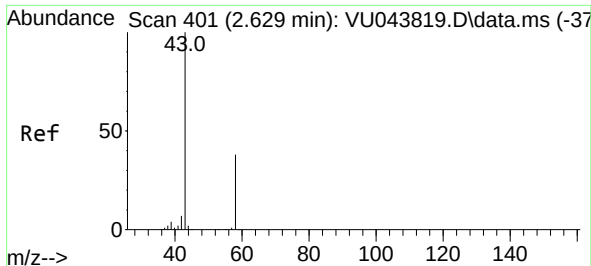
Tgt Ion:101 Resp: 163987
Ion Ratio Lower Upper
101 100
85 41.7 34.2 51.4
151 79.5 60.4 90.6



#12
1,1-Dichloroethene
Concen: 48.10 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.003 min
Lab File: VU043824.D
Acq: 19 May 2021 13:28

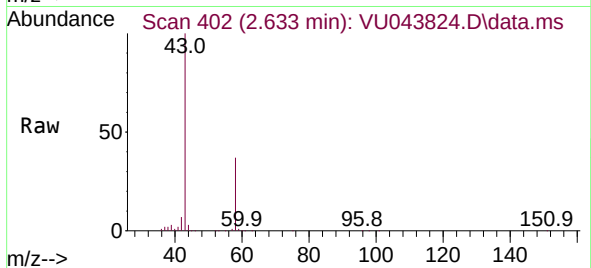
Tgt Ion: 96 Resp: 161679
Ion Ratio Lower Upper
96 100
61 156.5 116.3 215.9
63 103.0 80.8 150.2



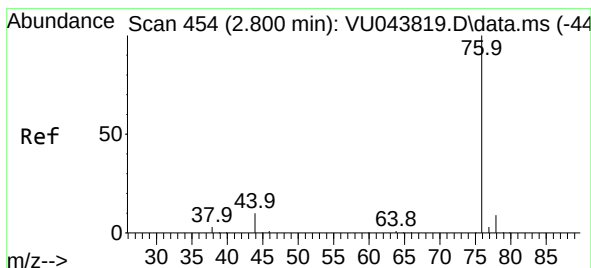
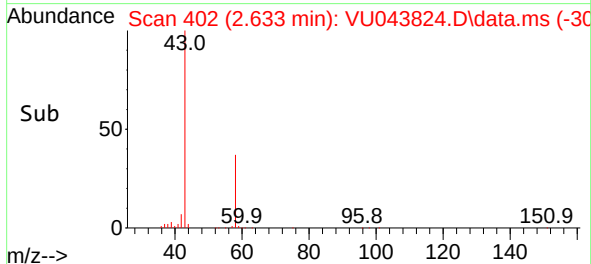
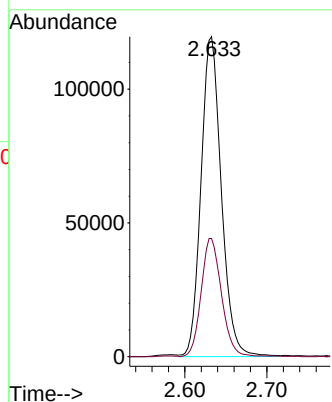


#13
Acetone
Concen: 97.68 ug/L
RT: 2.633 min Scan# 402
Delta R.T. 0.003 min
Lab File: VU043824.D
Acq: 19 May 2021 13:28

Instrument :
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ClientSampleId :
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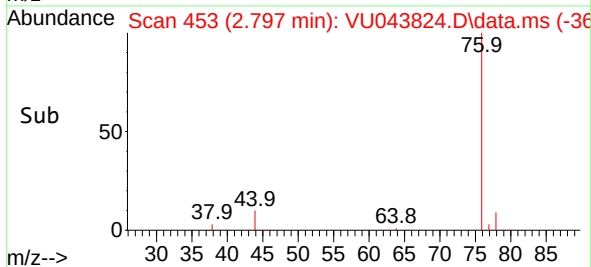
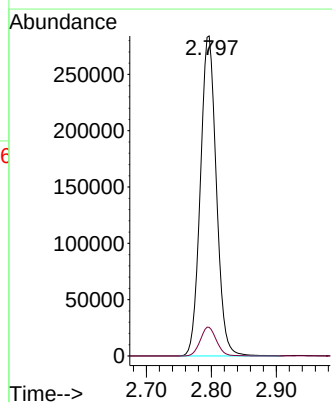
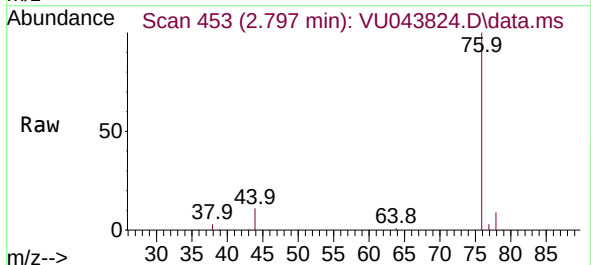


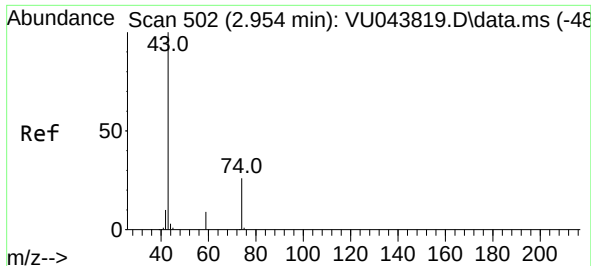
Tgt Ion: 43 Resp: 205683
Ion Ratio Lower Upper
43 100
58 37.0 0.0 69.4



#14
Carbon disulfide
Concen: 45.90 ug/L
RT: 2.797 min Scan# 453
Delta R.T. -0.003 min
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Acq: 19 May 2021 13:28

Tgt Ion: 76 Resp: 487184
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7

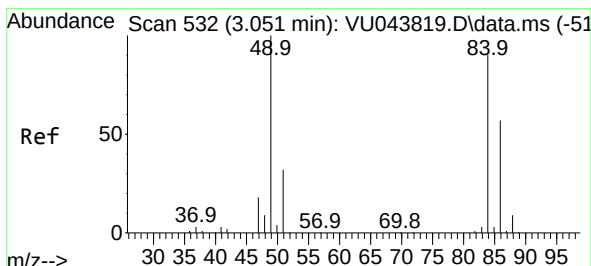
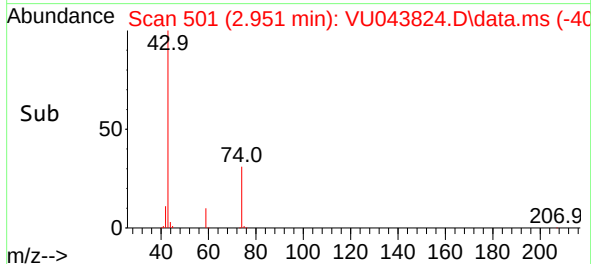
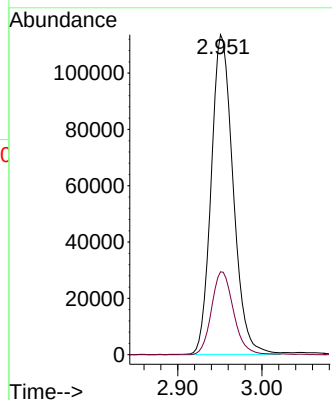
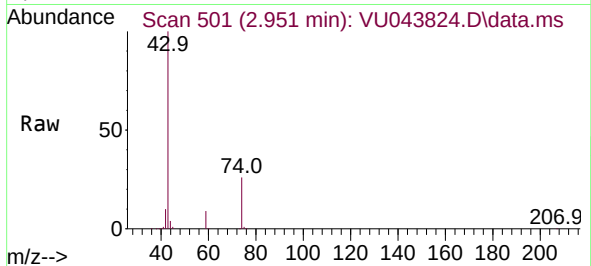




#15
Methyl Acetate
Concen: 42.85 ug/L
RT: 2.951 min Scan# 501
Delta R.T. -0.003 min
Lab File: VU043824.D
Acq: 19 May 2021 13:28

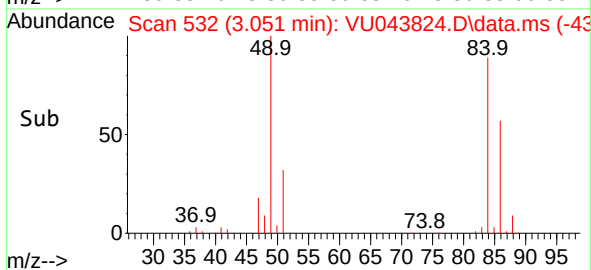
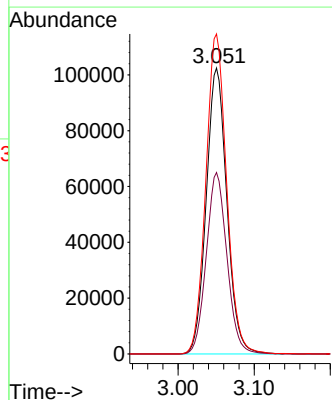
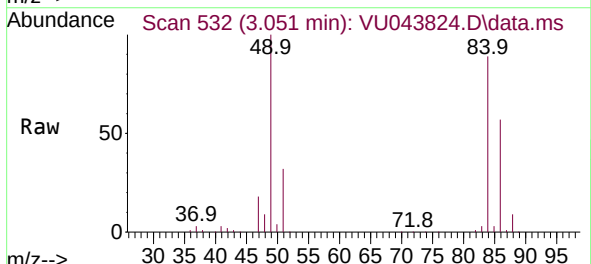
Instrument :
MSVOA_U
ClientSampleId :
VSTD050149

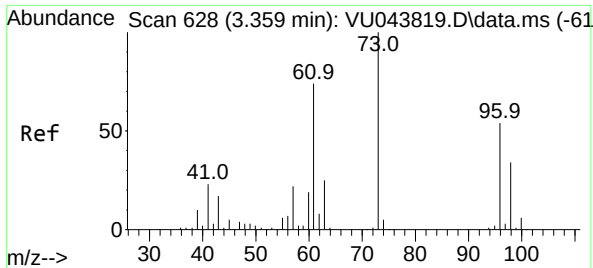
Tgt Ion: 43 Resp: 204758
Ion Ratio Lower Upper
43 100
74 26.1 19.3 28.9



#16
Methylene chloride
Concen: 38.41 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.000 min
Lab File: VU043824.D
Acq: 19 May 2021 13:28

Tgt Ion: 84 Resp: 193378
Ion Ratio Lower Upper
84 100
86 63.5 44.9 83.5
49 111.9 84.9 157.7

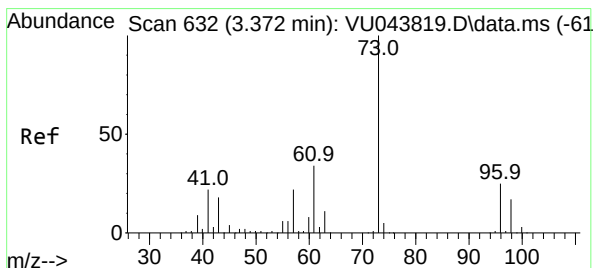
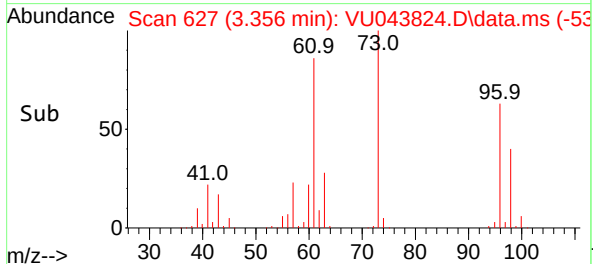
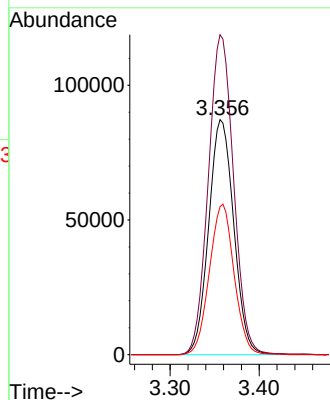
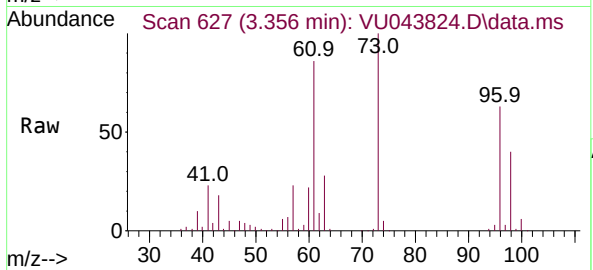




#17
trans-1,2-Dichloroethene
Concen: 49.04 ug/L
RT: 3.356 min Scan# 627
Delta R.T. -0.003 min
Lab File: VU043824.D
Acq: 19 May 2021 13:28

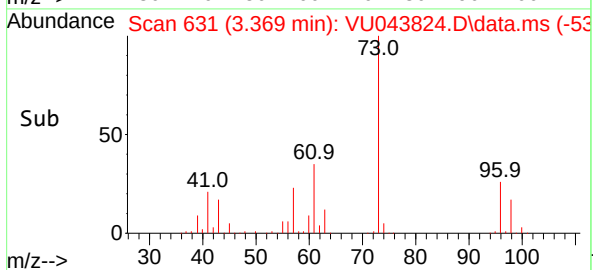
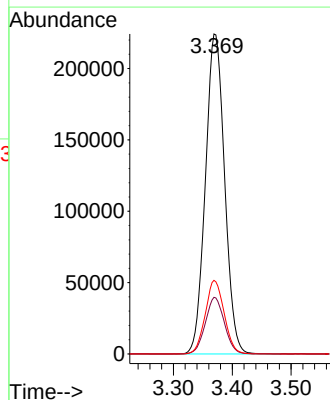
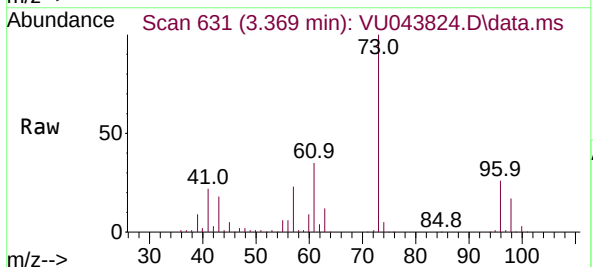
Instrument :
MSVOA_U
ClientSampleId :
VSTD050149

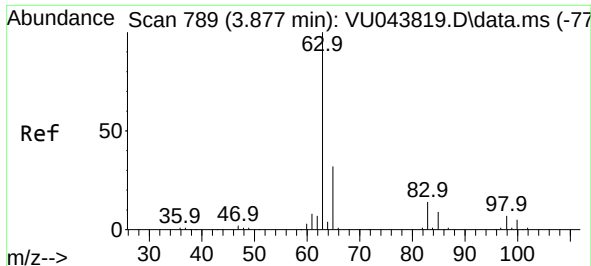
Tgt Ion: 96 Resp: 170542
Ion Ratio Lower Upper
96 100
61 136.1 101.5 188.5
98 63.0 44.9 83.5



#18
Methyl tert-butyl Ether
Concen: 48.26 ug/L
RT: 3.369 min Scan# 631
Delta R.T. -0.003 min
Lab File: VU043824.D
Acq: 19 May 2021 13:28

Tgt Ion: 73 Resp: 509051
Ion Ratio Lower Upper
73 100
43 17.6 14.6 22.0
57 22.6 18.2 27.4





#19

1,1-Dichloroethane

Concen: 46.76 ug/L

RT: 3.874 min Scan# 788

Delta R.T. -0.003 min

Lab File: VU043824.D

Acq: 19 May 2021 13:28

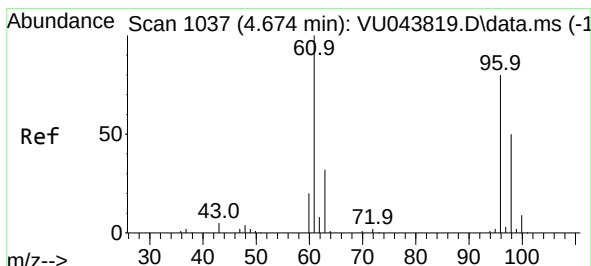
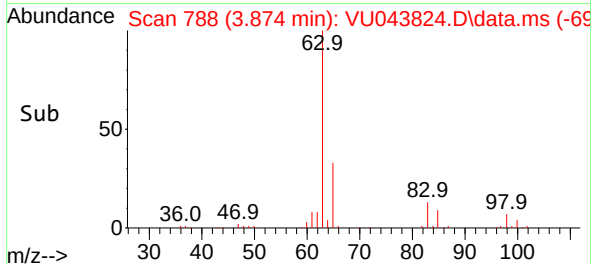
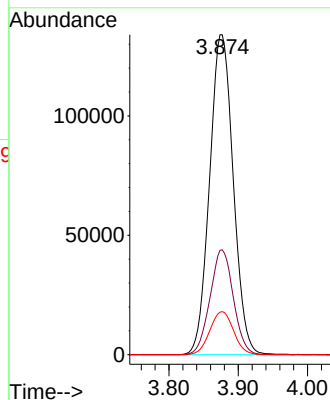
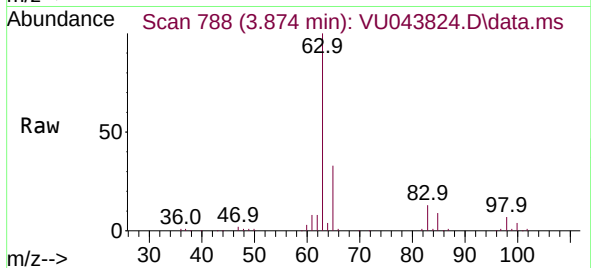
Tgt Ion: 63 Resp: 317876

Ion Ratio Lower Upper

63 100

65 32.7 22.0 41.0

83 13.3 8.7 16.1



#20

cis-1,2-Dichloroethene

Concen: 49.69 ug/L

RT: 4.674 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VU043824.D

Acq: 19 May 2021 13:28

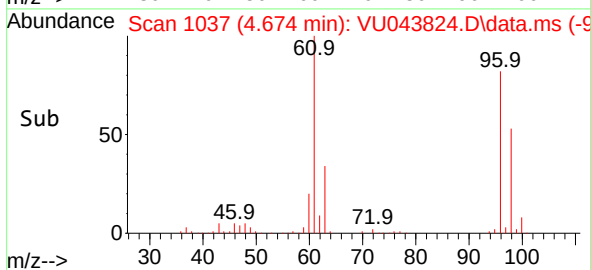
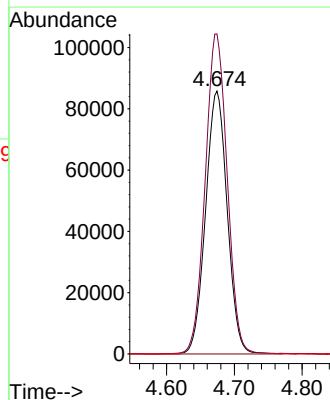
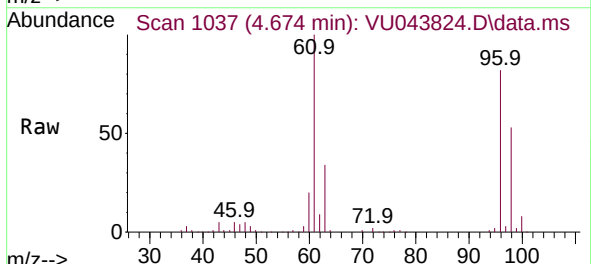
Tgt Ion: 96 Resp: 190383

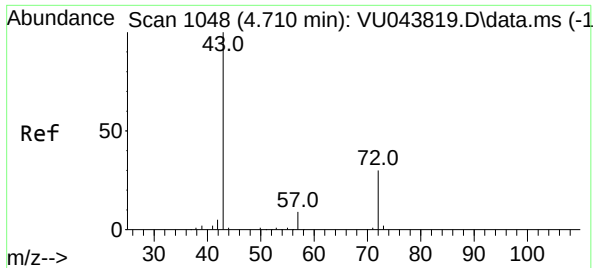
Ion Ratio Lower Upper

96 100

61 121.7 93.1 172.9

68 0.0 0.0 0.0

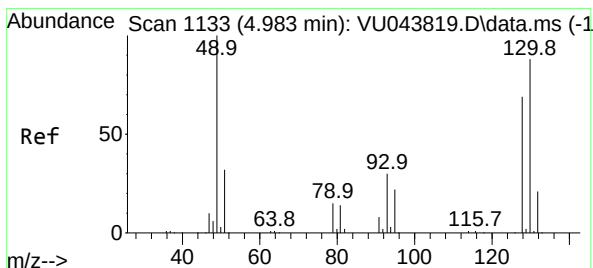
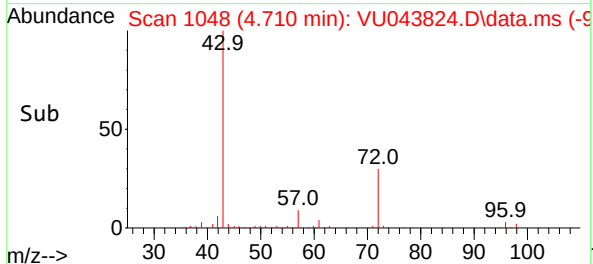
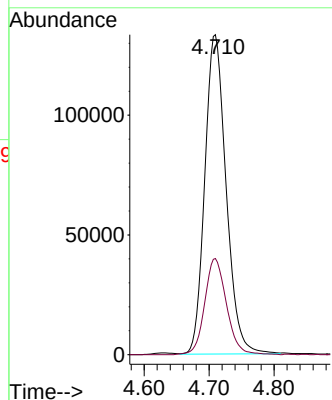
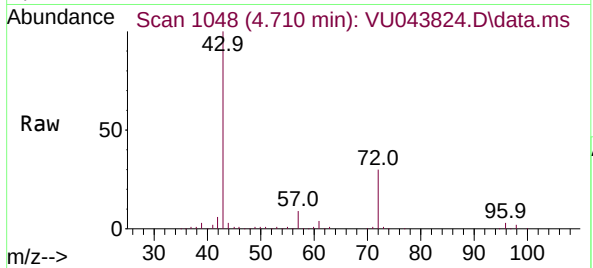




#22
2-Butanone
Concen: 88.05 ug/L
RT: 4.710 min Scan# 1048
Delta R.T. -0.000 min
Lab File: VU043824.D
Acq: 19 May 2021 13:28

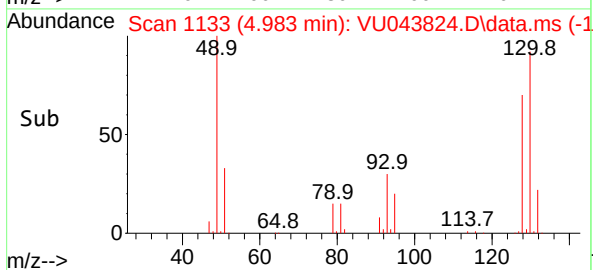
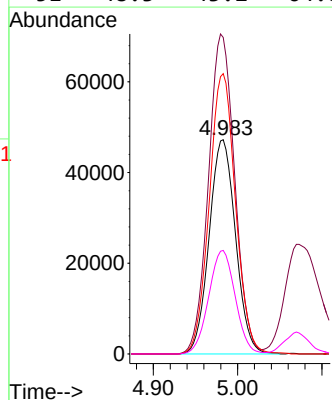
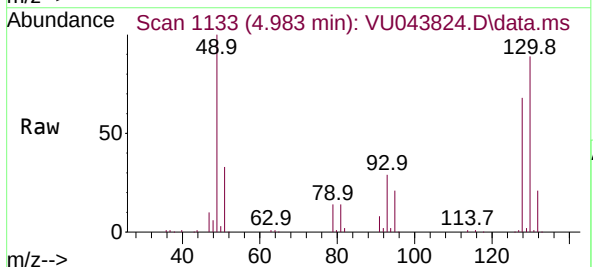
Instrument :
MSVOA_U
ClientSampleId :
VSTD050149

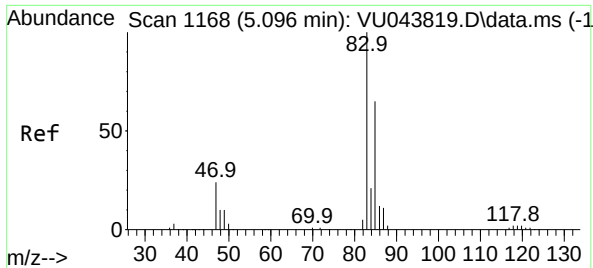
Tgt Ion: 43 Resp: 305189
Ion Ratio Lower Upper
43 100
72 30.7 13.9 41.6



#23
Bromochloromethane
Concen: 49.43 ug/L
RT: 4.983 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VU043824.D
Acq: 19 May 2021 13:28

Tgt Ion:128 Resp: 102793
Ion Ratio Lower Upper
128 100
49 147.8 116.8 216.8
130 130.9 93.3 173.3
51 48.3 43.2 64.8

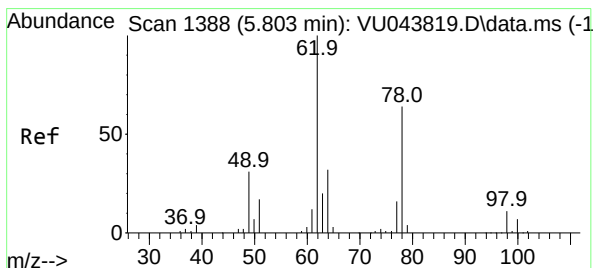
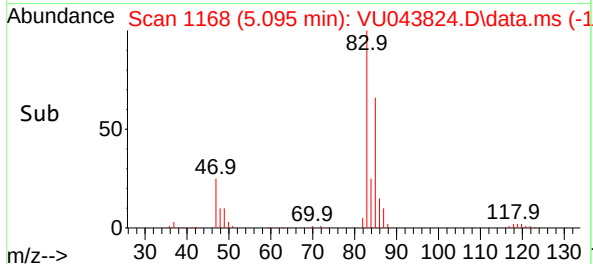
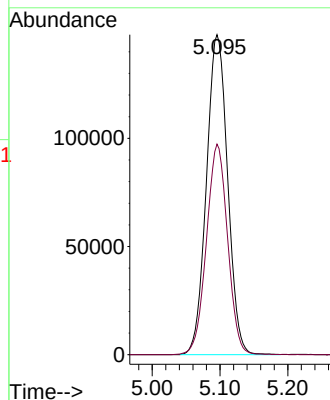
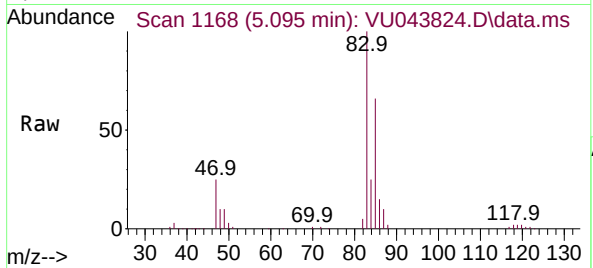




#25
Chloroform
Concen: 48.28 ug/L
RT: 5.095 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VU043824.D
Acq: 19 May 2021 13:28

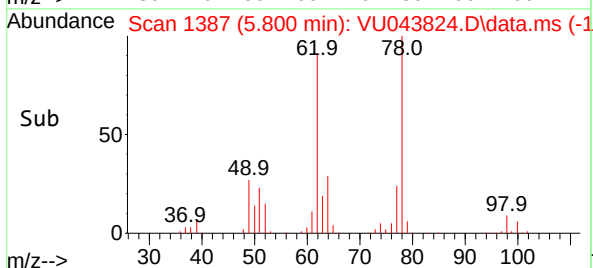
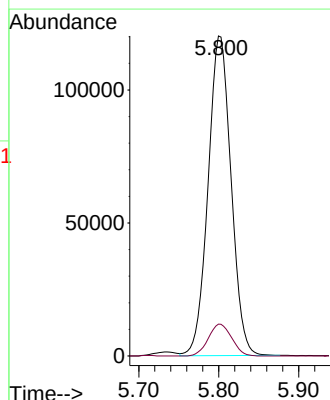
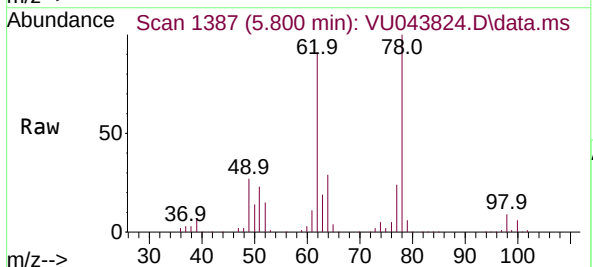
Instrument :
MSVOA_U
ClientSampleId :
VSTD050149

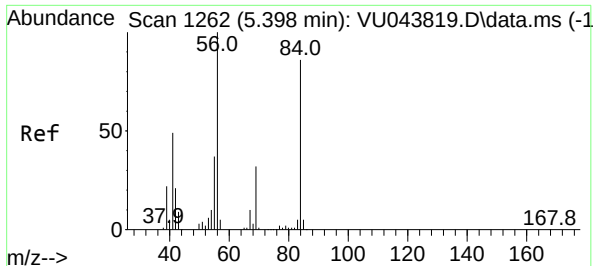
Tgt Ion: 83 Resp: 321474
Ion Ratio Lower Upper
83 100
85 65.8 45.7 84.9



#27
1,2-Dichloroethane
Concen: 46.84 ug/L
RT: 5.800 min Scan# 1387
Delta R.T. -0.003 min
Lab File: VU043824.D
Acq: 19 May 2021 13:28

Tgt Ion: 62 Resp: 240370
Ion Ratio Lower Upper
62 100
98 10.0 7.6 11.4





#29

Cyclohexane

Concen: 46.11 ug/L

RT: 5.394 min Scan# 1261

Delta R.T. -0.003 min

Lab File: VU043824.D

Acq: 19 May 2021 13:28

Instrument :

MSVOA_U

ClientSampleId :

VSTD050149

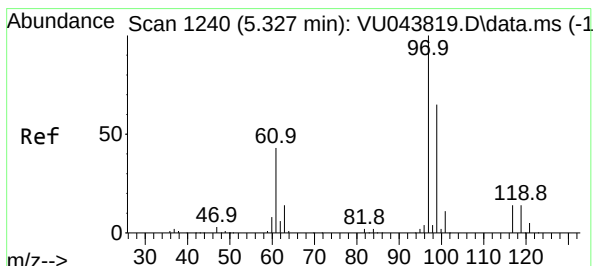
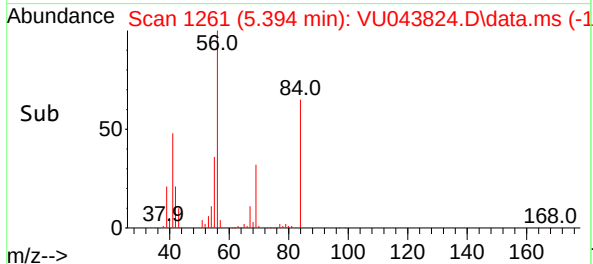
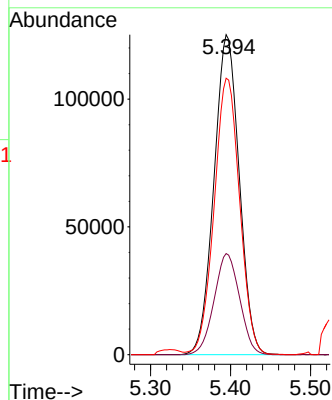
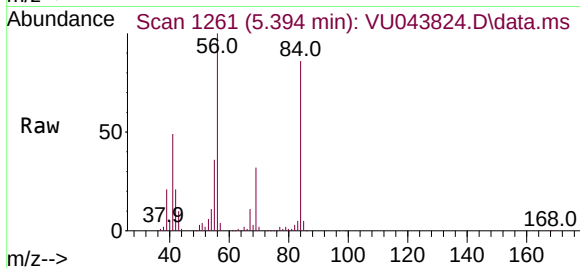
Tgt Ion: 56 Resp: 274648

Ion Ratio Lower Upper

56 100

69 31.8 24.6 37.0

84 87.3 65.0 97.4



#30

1,1,1-Trichloroethane

Concen: 49.04 ug/L

RT: 5.324 min Scan# 1239

Delta R.T. -0.003 min

Lab File: VU043824.D

Acq: 19 May 2021 13:28

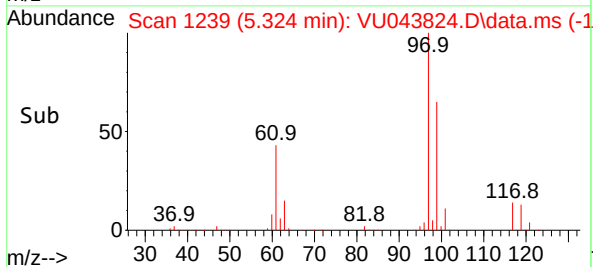
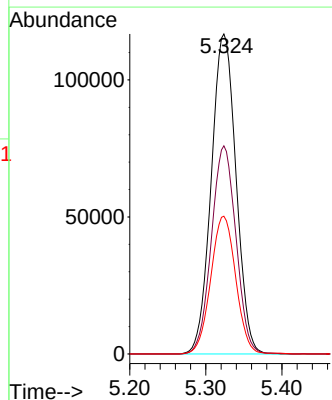
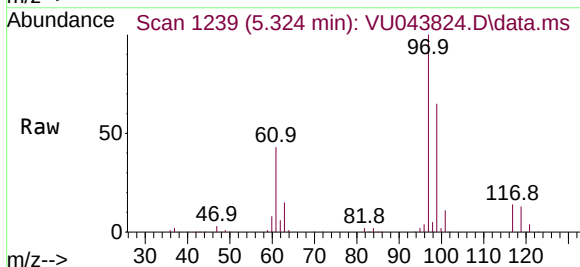
Tgt Ion: 97 Resp: 264521

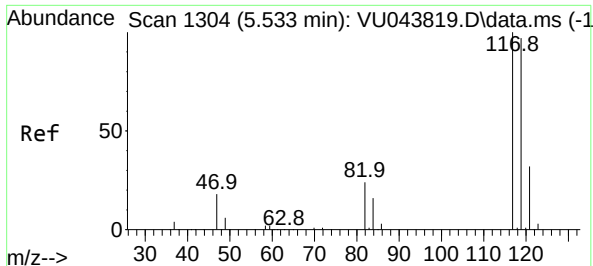
Ion Ratio Lower Upper

97 100

99 64.6 51.7 77.5

61 43.3 36.9 55.3

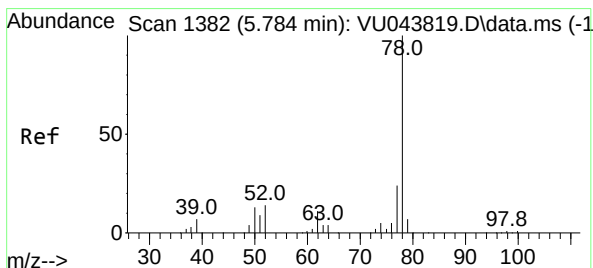
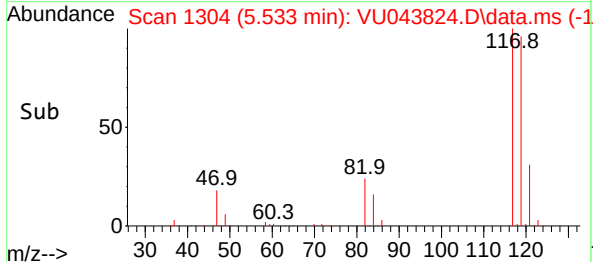
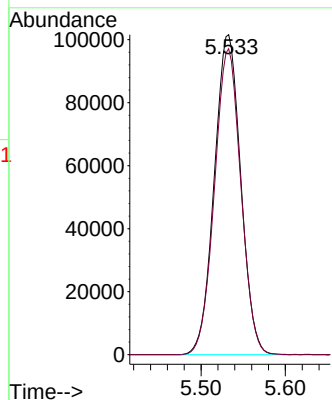
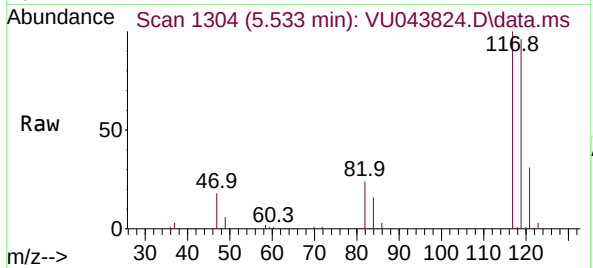




#31
Carbon tetrachloride
Concen: 49.90 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VU043824.D
Acq: 19 May 2021 13:28

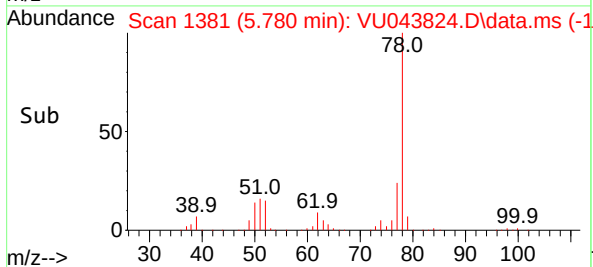
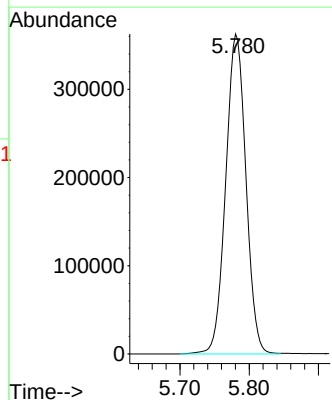
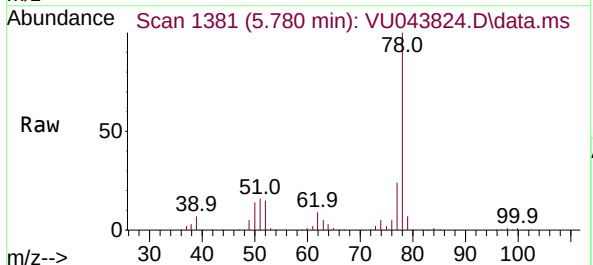
Instrument :
MSVOA_U
ClientSampleId :
VSTD050149

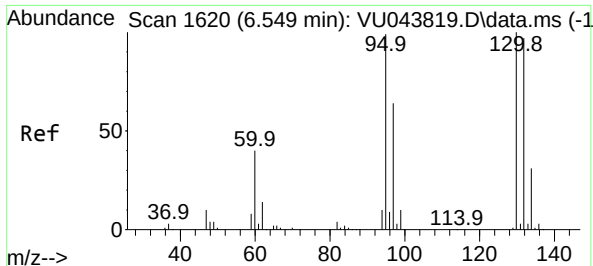
Tgt Ion:117 Resp: 221005
Ion Ratio Lower Upper
117 100
119 95.2 77.0 115.6



#33
Benzene
Concen: 48.57 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. -0.003 min
Lab File: VU043824.D
Acq: 19 May 2021 13:28

Tgt Ion: 78 Resp: 734784



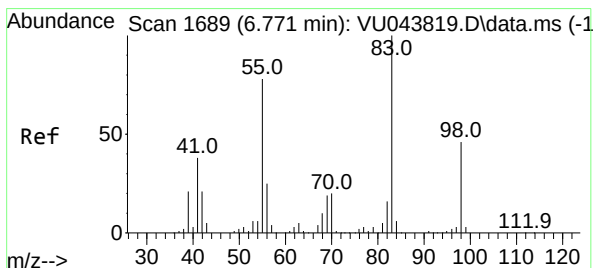
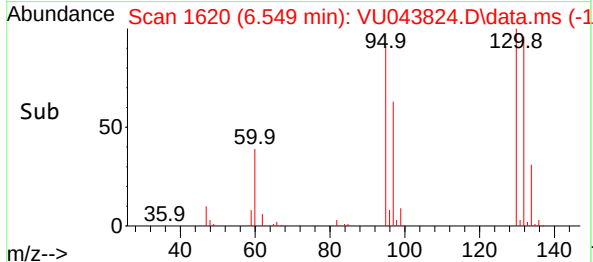
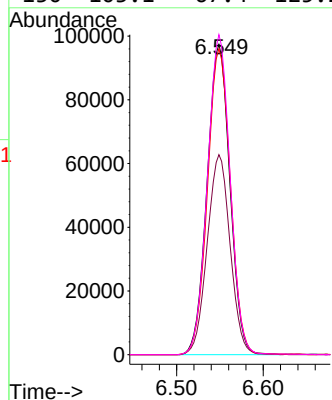
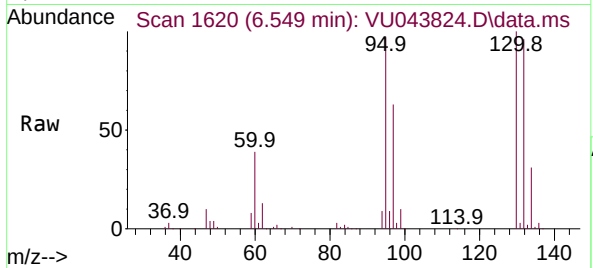


#34
Trichloroethene
Concen: 48.63 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VU043824.D
Acq: 19 May 2021 13:28

Instrument :
MSVOA_U
ClientSampleId :
VSTD050149

Tgt Ion: 95 Resp: 178955

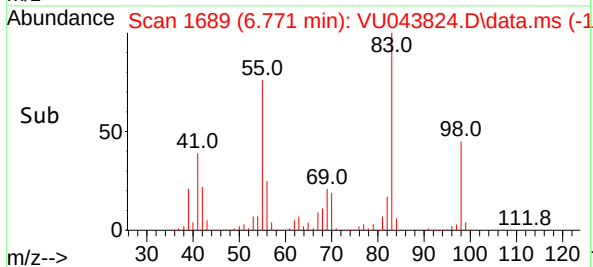
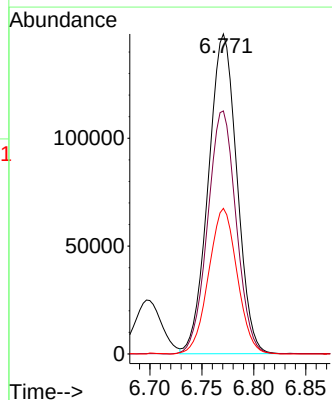
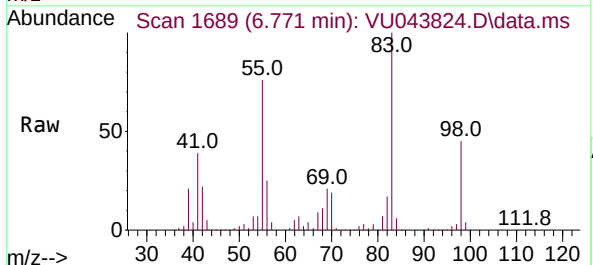
Ion	Ratio	Lower	Upper
95	100		
97	64.5	44.2	82.2
132	98.6	66.8	124.2
130	103.1	67.4	125.2

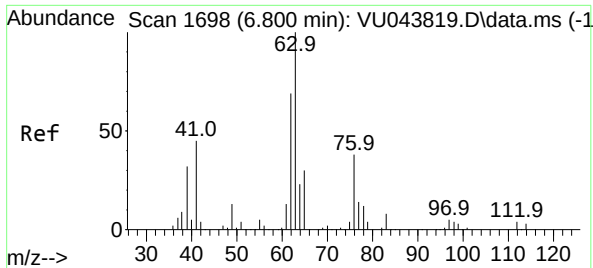


#35
Methylcyclohexane
Concen: 48.79 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VU043824.D
Acq: 19 May 2021 13:28

Tgt Ion: 83 Resp: 283747

Ion	Ratio	Lower	Upper
83	100		
55	76.0	63.8	95.6
98	45.6	36.2	54.2



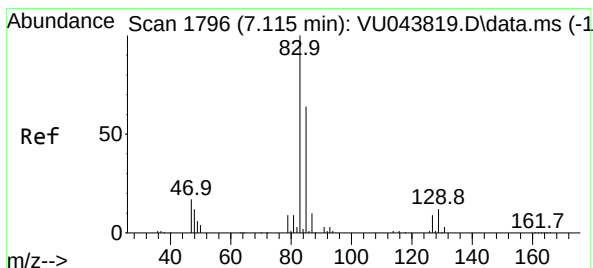
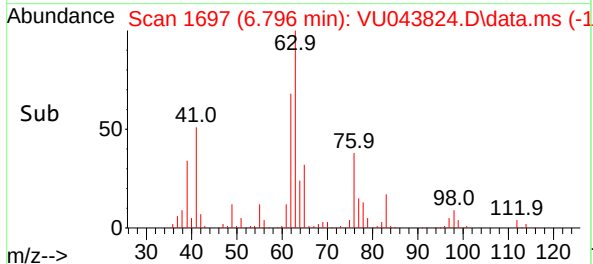
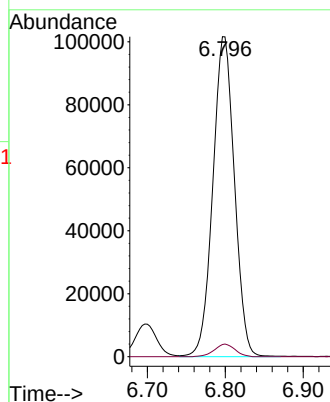
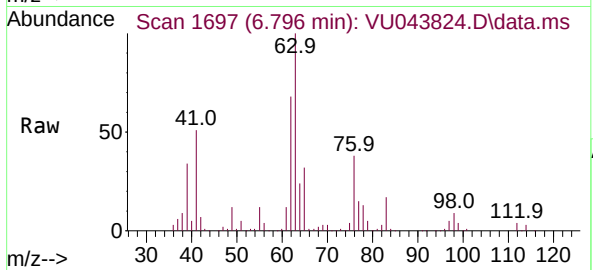


#37

1,2-Dichloropropane
Concen: 47.42 ug/L
RT: 6.796 min Scan# 1697
Delta R.T. -0.003 min
Lab File: VU043824.D
Acq: 19 May 2021 13:28

Instrument :
MSVOA_U
ClientSampleId :
VSTD050149

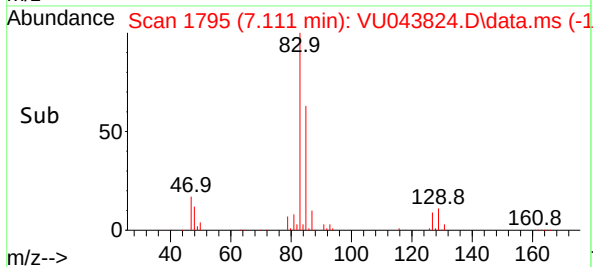
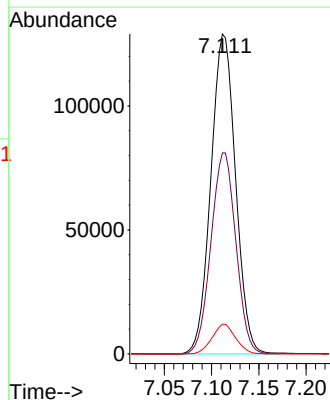
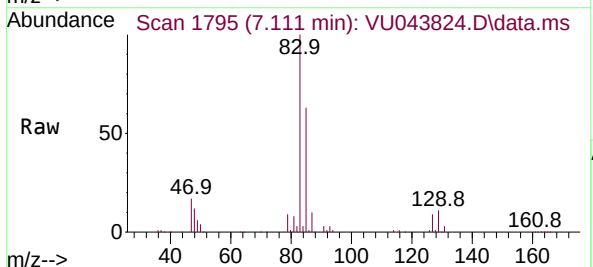
Tgt Ion: 63 Resp: 195878
Ion Ratio Lower Upper
63 100
112 3.8 3.0 4.4

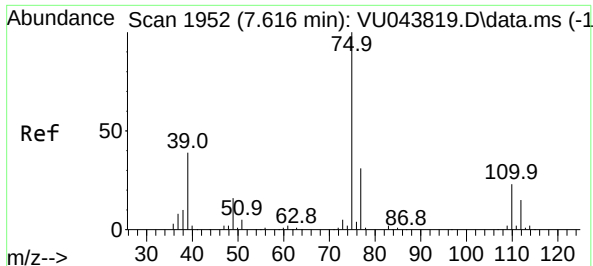


#38

Bromodichloromethane
Concen: 47.97 ug/L
RT: 7.111 min Scan# 1795
Delta R.T. -0.003 min
Lab File: VU043824.D
Acq: 19 May 2021 13:28

Tgt Ion: 83 Resp: 234652
Ion Ratio Lower Upper
83 100
85 62.8 44.3 82.3
127 9.3 6.6 9.8



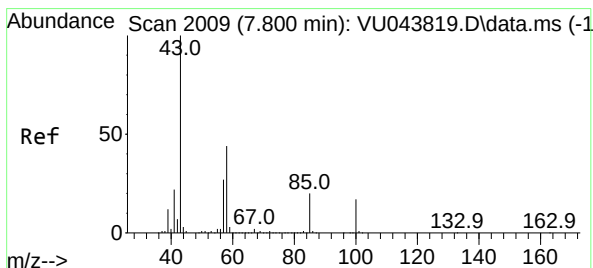
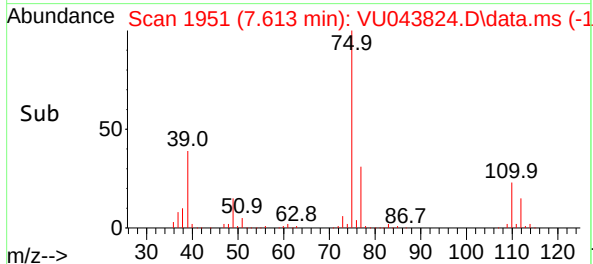
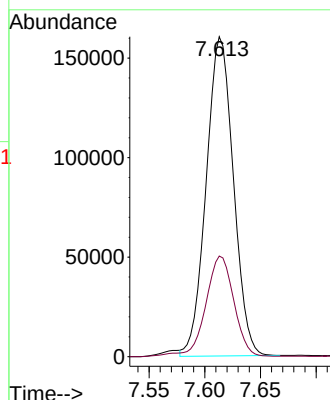
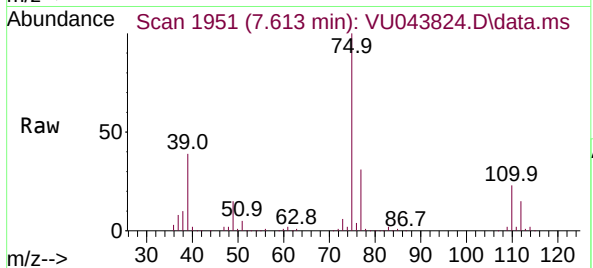


#39

cis-1,3-Dichloropropene
Concen: 48.29 ug/L
RT: 7.613 min Scan# 1951
Delta R.T. -0.003 min
Lab File: VU043824.D
Acq: 19 May 2021 13:28

Instrument :
MSVOA_U
ClientSampleId :
VSTD050149

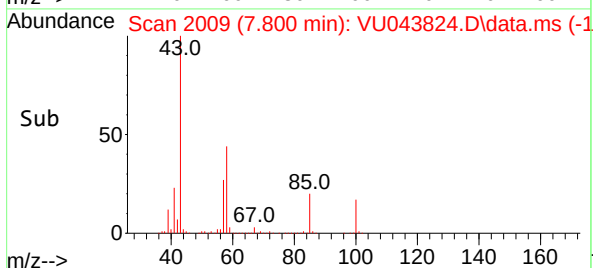
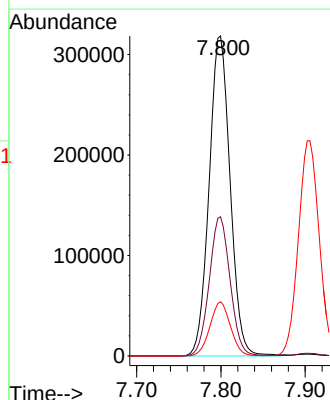
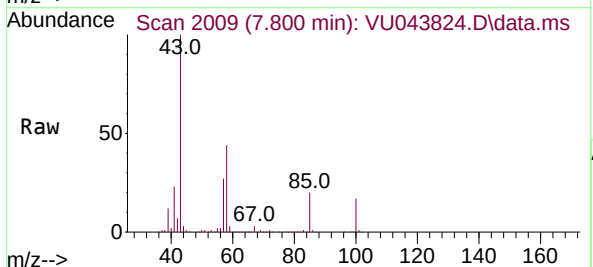
Tgt Ion: 75 Resp: 272488
Ion Ratio Lower Upper
75 100
77 31.5 22.0 41.0

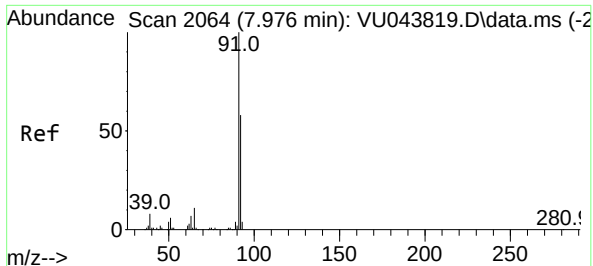


#40

4-Methyl-2-pentanone
Concen: 88.72 ug/L
RT: 7.800 min Scan# 2009
Delta R.T. -0.000 min
Lab File: VU043824.D
Acq: 19 May 2021 13:28

Tgt Ion: 43 Resp: 551637
Ion Ratio Lower Upper
43 100
58 43.2 33.4 50.0
100 16.6 12.2 18.2





#42

Toluene

Concen: 49.86 ug/L

RT: 7.976 min Scan# 2064

Delta R.T. -0.000 min

Lab File: VU043824.D

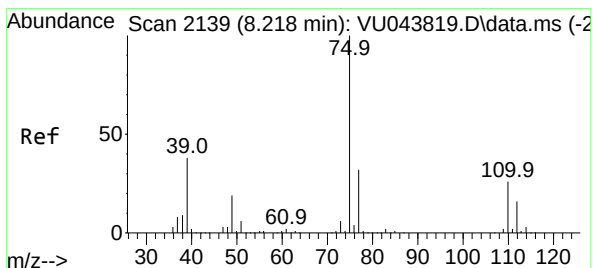
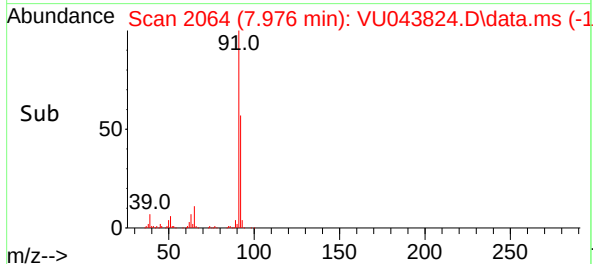
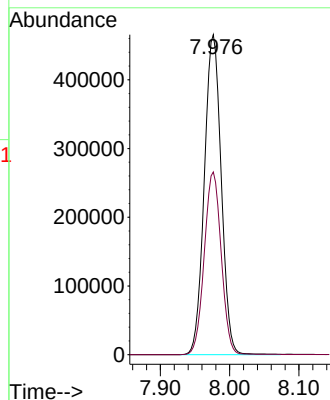
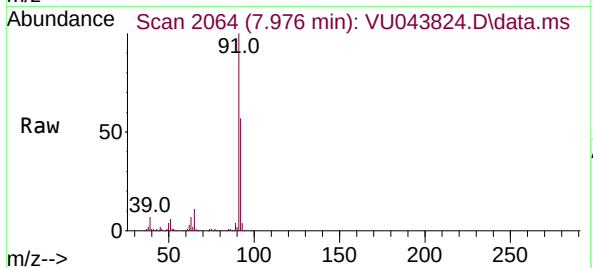
Acq: 19 May 2021 13:28

Tgt Ion: 91 Resp: 788266

Ion Ratio Lower Upper

91 100

92 57.1 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 49.63 ug/L

RT: 8.218 min Scan# 2139

Delta R.T. -0.000 min

Lab File: VU043824.D

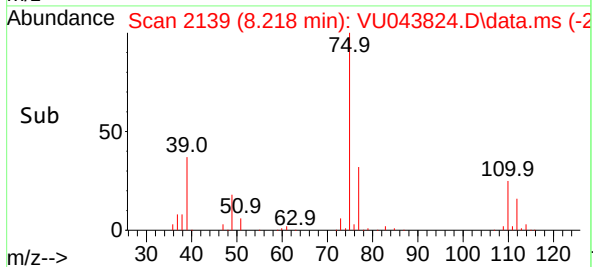
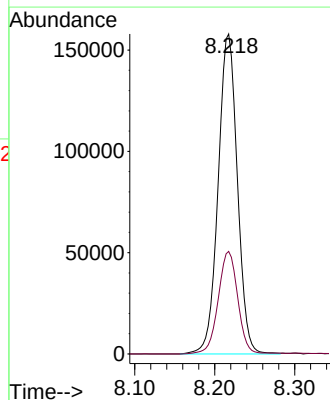
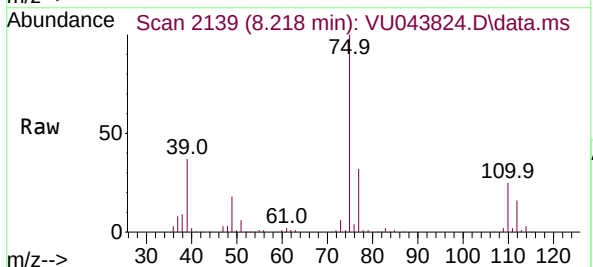
Acq: 19 May 2021 13:28

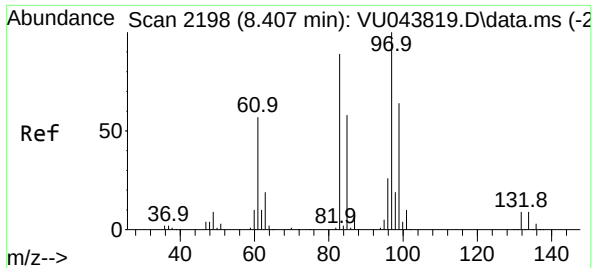
Tgt Ion: 75 Resp: 263396

Ion Ratio Lower Upper

75 100

77 32.1 22.4 41.6

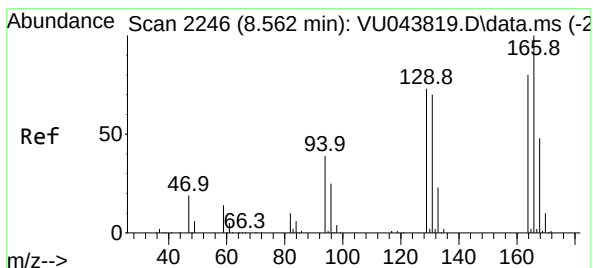
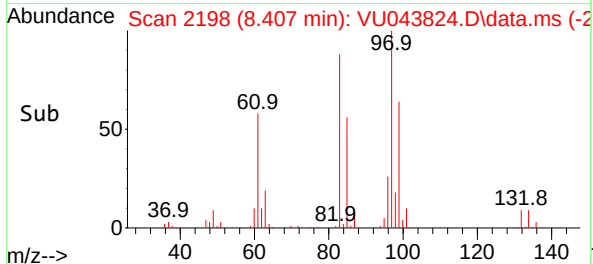
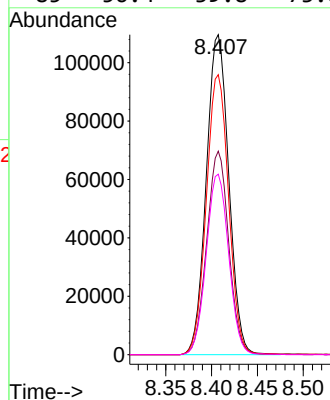
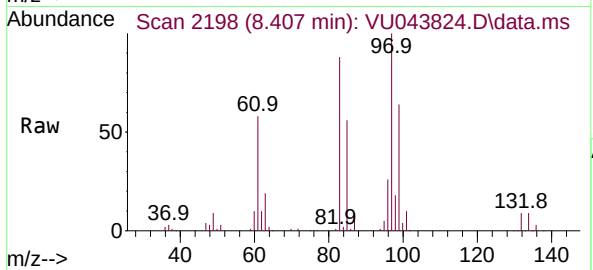




#45
1,1,2-Trichloroethane
Concen: 49.26 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. -0.000 min
Lab File: VU043824.D
Acq: 19 May 2021 13:28

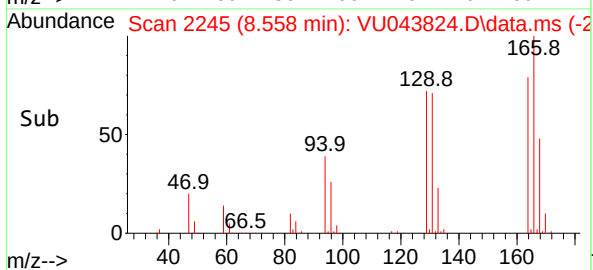
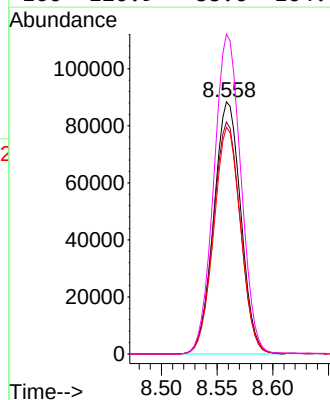
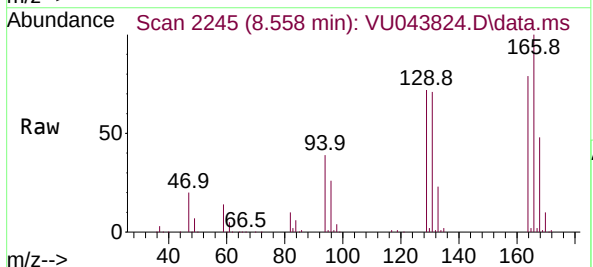
Instrument :
MSVOA_U
ClientSampleId :
VSTD050149

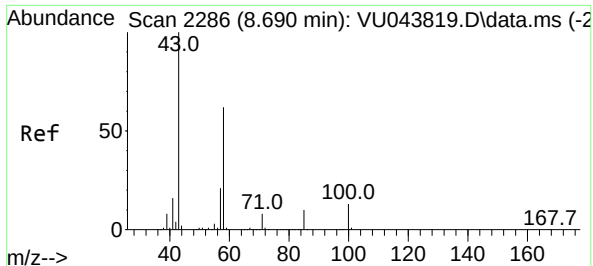
Tgt Ion:	97	Resp:	187452
Ion	Ratio	Lower	Upper
97	100		
99	63.6	43.2	80.2
83	87.5	61.7	114.5
85	56.4	39.8	73.8



#46
Tetrachloroethene
Concen: 51.56 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.003 min
Lab File: VU043824.D
Acq: 19 May 2021 13:28

Tgt Ion:	164	Resp:	149241
Ion	Ratio	Lower	Upper
164	100		
129	92.0	65.5	121.6
131	89.9	63.0	117.0
166	126.9	88.6	164.6

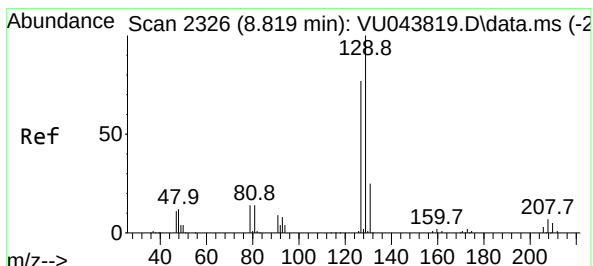
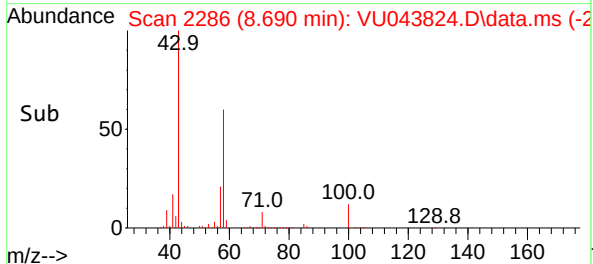
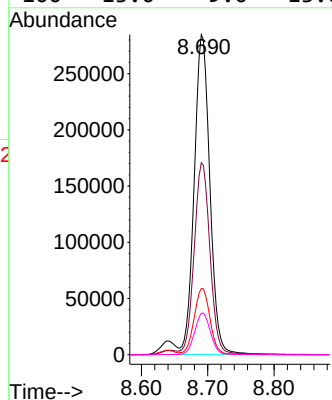
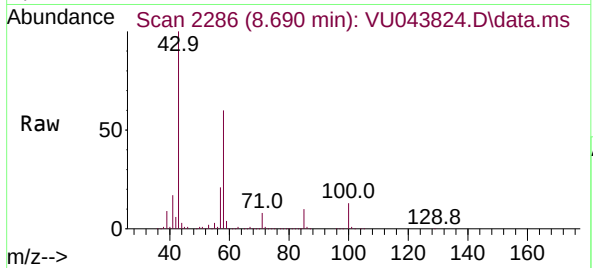




#48
2-Hexanone
Concen: 93.46 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. -0.000 min
Lab File: VU043824.D
Acq: 19 May 2021 13:28

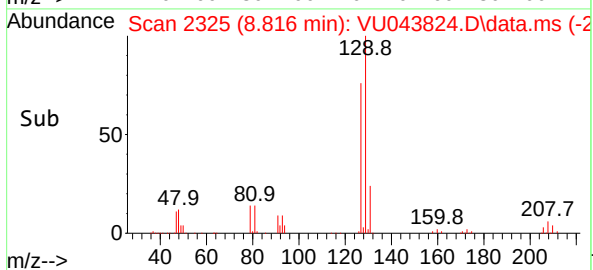
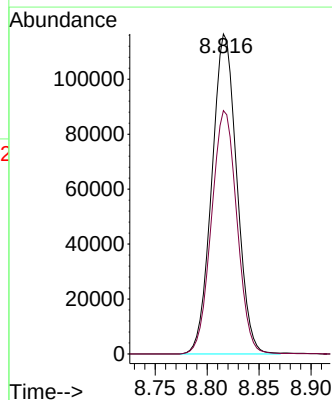
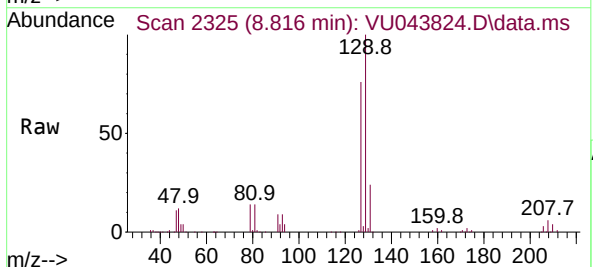
Instrument :
MSVOA_U
ClientSampleId :
VSTD050149

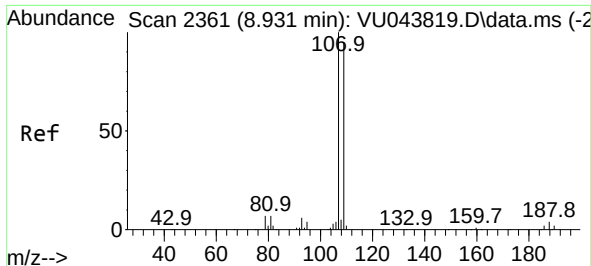
Tgt Ion: 43 Resp: 466648
Ion Ratio Lower Upper
43 100
58 60.3 46.2 69.2
57 20.7 15.9 23.9
100 13.0 9.0 13.6



#49
Dibromochloromethane
Concen: 49.94 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. -0.003 min
Lab File: VU043824.D
Acq: 19 May 2021 13:28

Tgt Ion: 129 Resp: 194963
Ion Ratio Lower Upper
129 100
127 76.0 54.5 101.1





#50

1,2-Dibromoethane

Concen: 50.18 ug/L

RT: 8.931 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VU043824.D

Acq: 19 May 2021 13:28

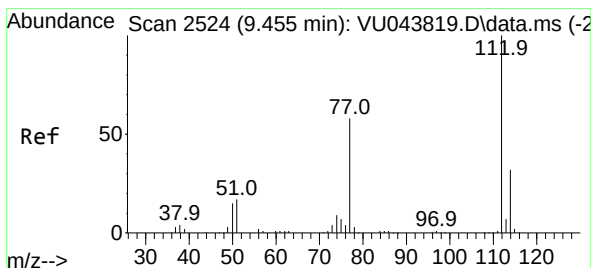
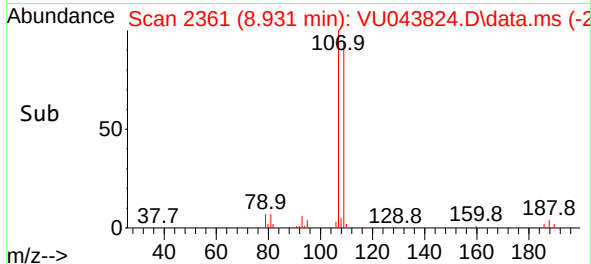
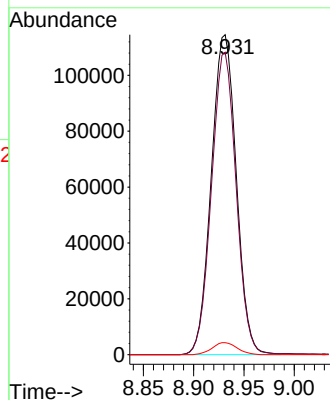
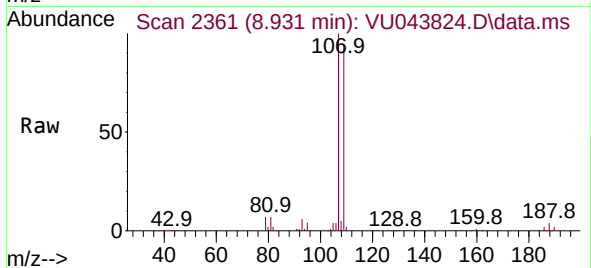
Instrument :

MSVOA_U

ClientSampleId :

VSTD050149

Tgt Ion:	107	Resp:	198386
Ion Ratio	Lower	Upper	
107	100		
109	94.5	66.5	123.5
188	3.9	3.2	4.8



#51

Chlorobenzene

Concen: 48.98 ug/L

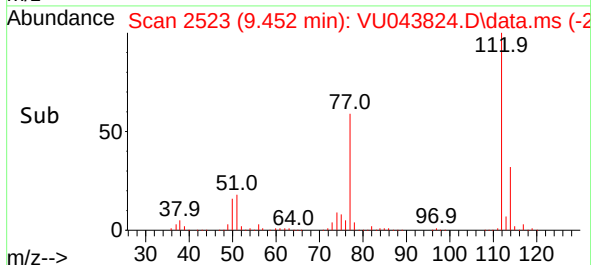
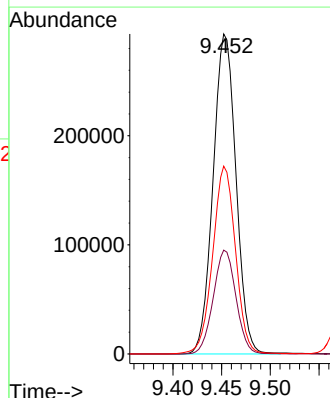
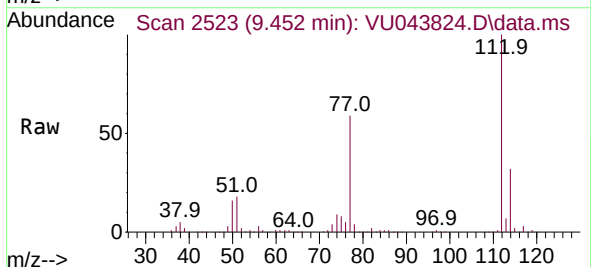
RT: 9.452 min Scan# 2523

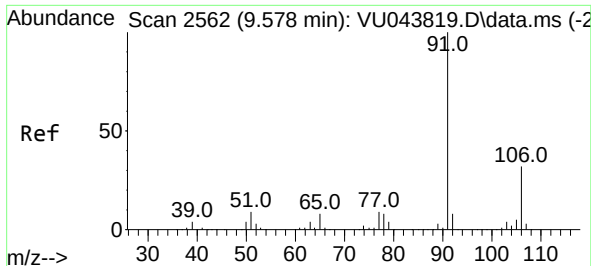
Delta R.T. -0.003 min

Lab File: VU043824.D

Acq: 19 May 2021 13:28

Tgt Ion:	112	Resp:	479620
Ion Ratio	Lower	Upper	
112	100		
114	32.5	22.7	42.1
77	58.7	48.5	72.7

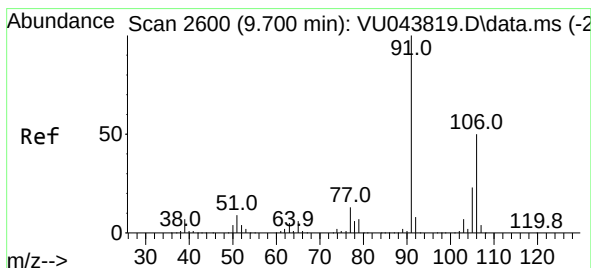
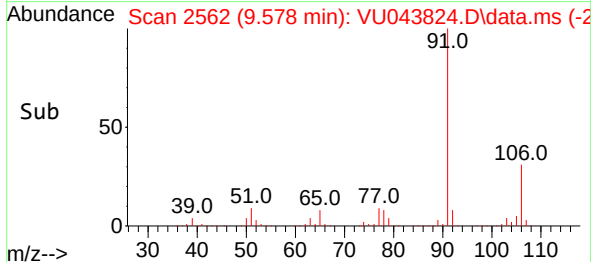
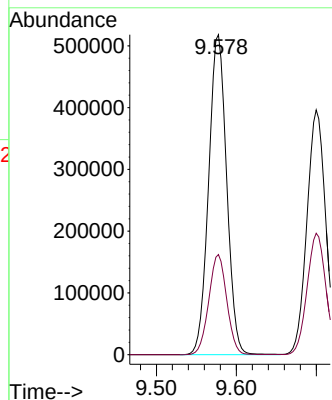
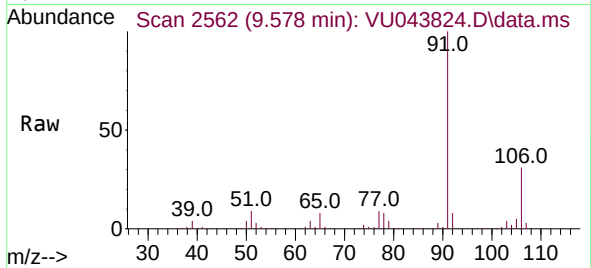




#52
Ethylbenzene
Concen: 49.76 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU043824.D
Acq: 19 May 2021 13:28

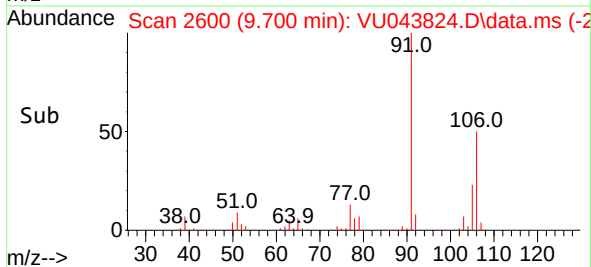
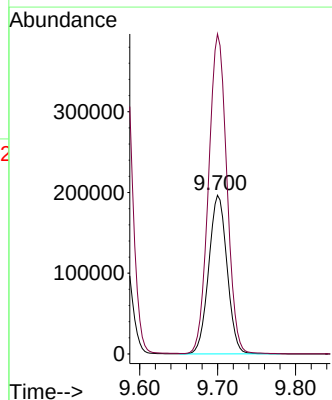
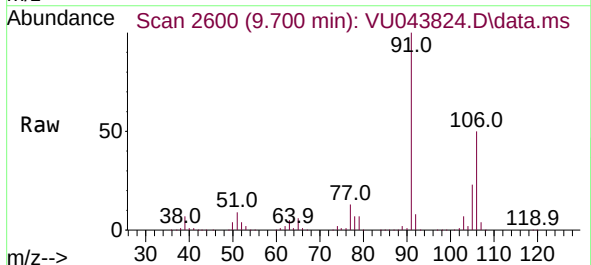
Instrument :
MSVOA_U
ClientSampleId :
VSTD050149

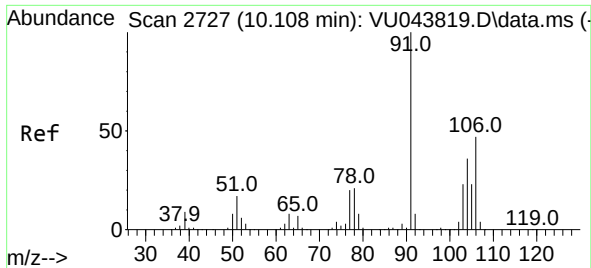
Tgt Ion: 91 Resp: 812030
Ion Ratio Lower Upper
91 100
106 31.3 21.6 40.2



#53
m,p-Xylene
Concen: 51.93 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.000 min
Lab File: VU043824.D
Acq: 19 May 2021 13:28

Tgt Ion: 106 Resp: 320891
Ion Ratio Lower Upper
106 100
91 201.7 142.9 265.5

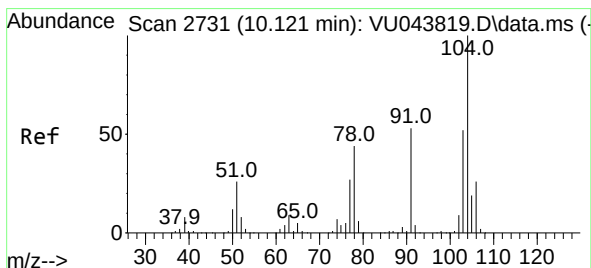
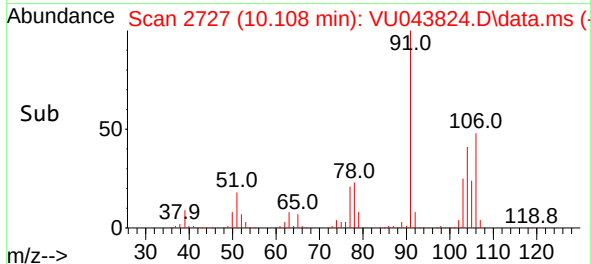
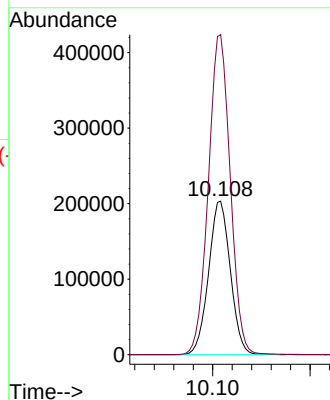
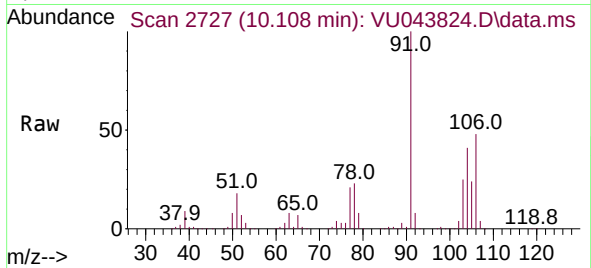




#54
o-xylene
Concen: 51.56 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. -0.000 min
Lab File: VU043824.D
Acq: 19 May 2021 13:28

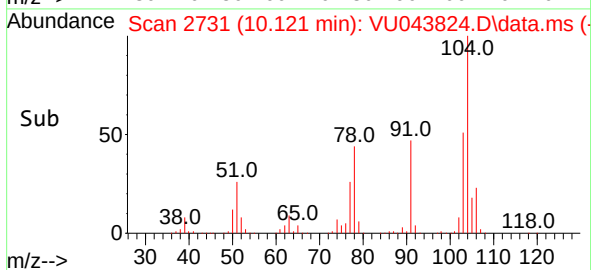
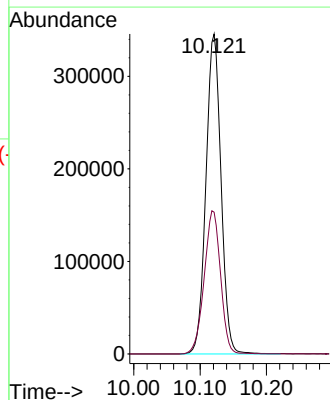
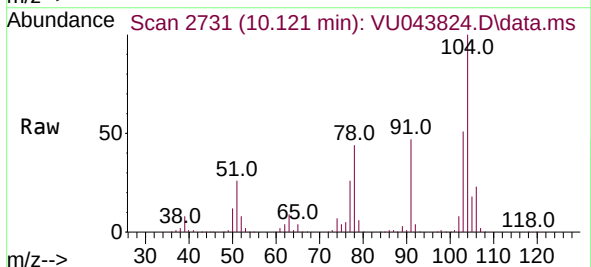
Instrument :
MSVOA_U
ClientSampled :
VSTD050149

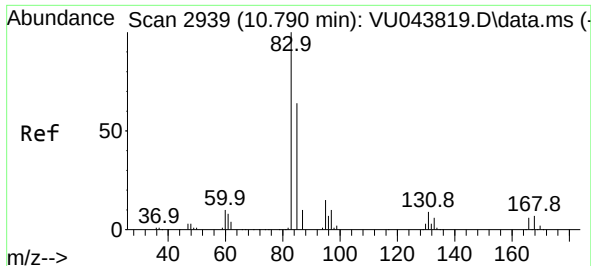
Tgt Ion:106 Resp: 315267
Ion Ratio Lower Upper
106 100
91 208.4 151.6 281.6



#55
Styrene
Concen: 52.95 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. -0.000 min
Lab File: VU043824.D
Acq: 19 May 2021 13:28

Tgt Ion:104 Resp: 545947
Ion Ratio Lower Upper
104 100
78 44.3 31.8 59.0

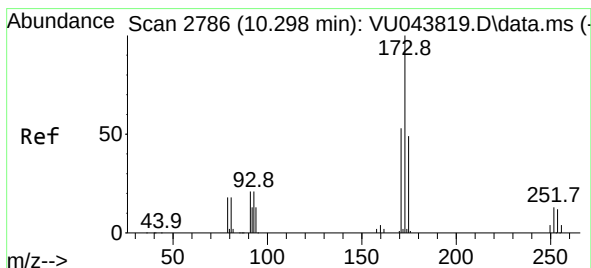
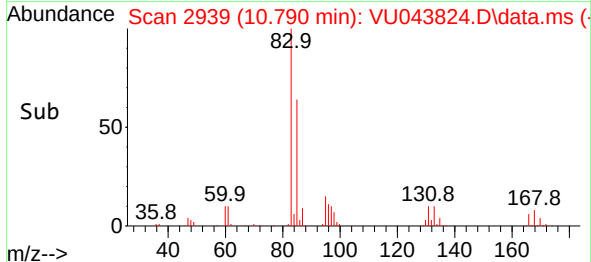
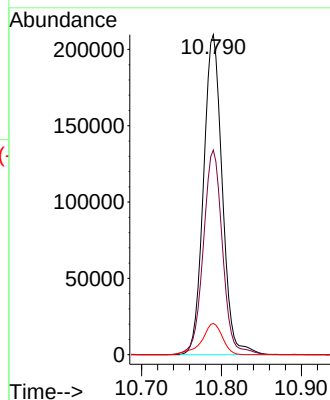
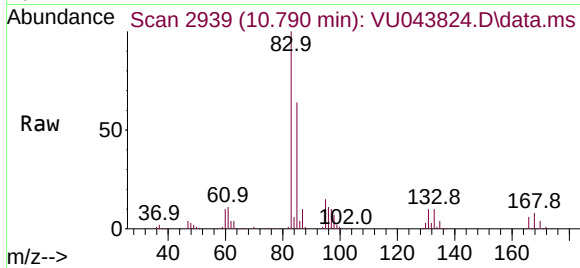




#57
1,1,2,2-Tetrachloroethane
Concen: 49.28 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. -0.000 min
Lab File: VU043824.D
Acq: 19 May 2021 13:28

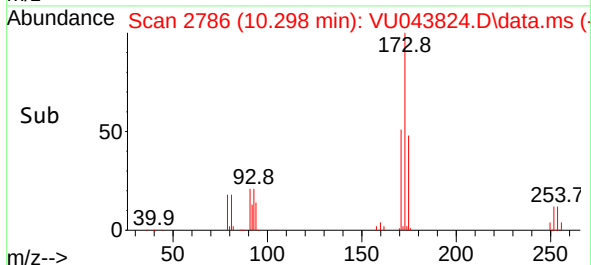
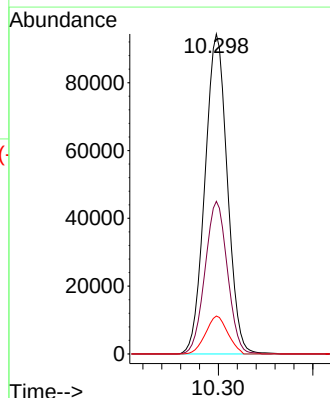
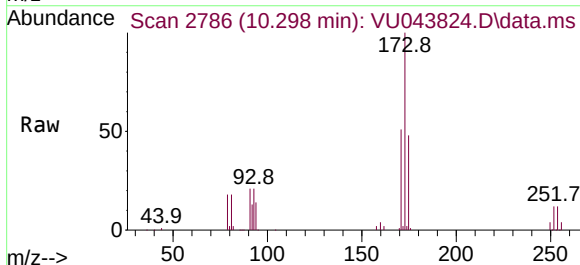
Instrument :
MSVOA_U
ClientSampleId :
VSTD050149

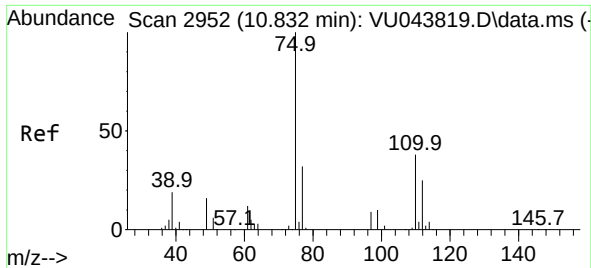
Tgt Ion:	83	Resp:	341815
Ion	Ratio	Lower	Upper
83	100		
85	63.9	44.5	82.7
131	9.8	7.4	11.2



#59
Bromoform
Concen: 46.18 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. -0.000 min
Lab File: VU043824.D
Acq: 19 May 2021 13:28

Tgt Ion:	173	Resp:	155054
Ion	Ratio	Lower	Upper
173	100		
175	47.7	38.6	57.8
254	11.7	6.8	10.2#

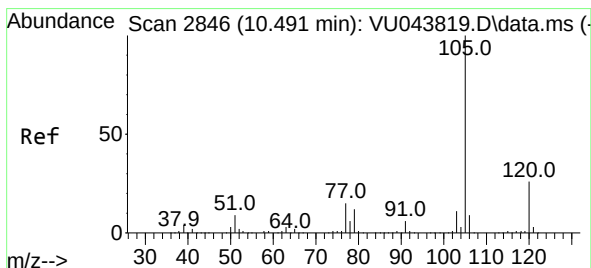
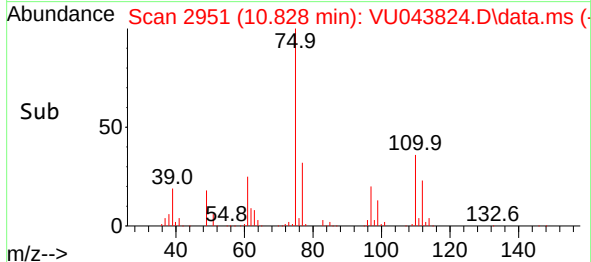
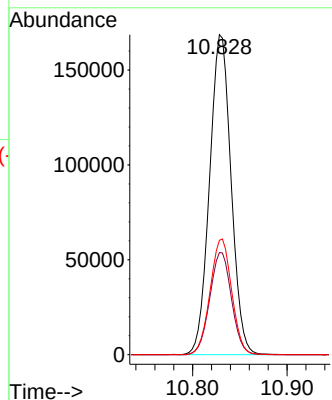
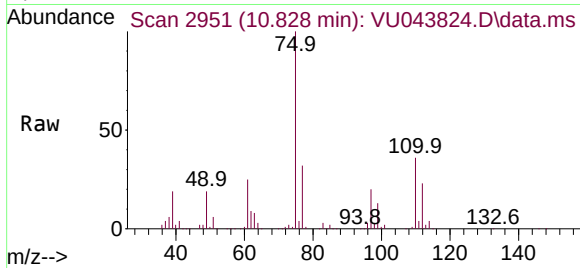




#60
1,2,3-Trichloropropane
Concen: 44.46 ug/L
RT: 10.828 min Scan# 2951
Delta R.T. -0.003 min
Lab File: VU043824.D
Acq: 19 May 2021 13:28

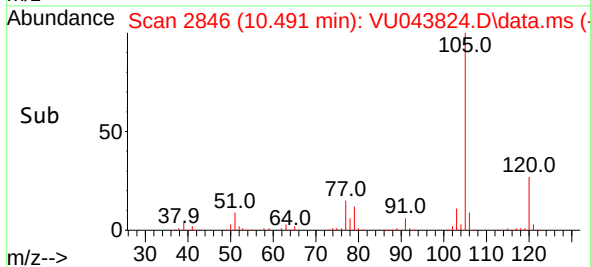
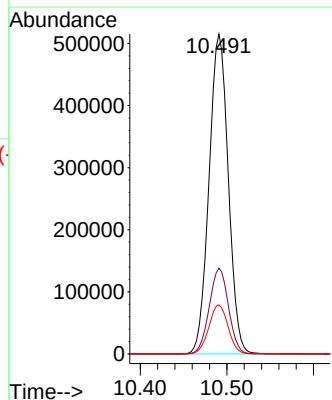
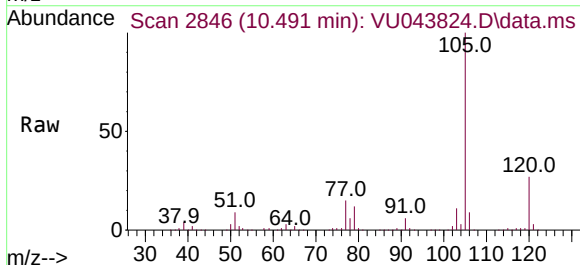
Instrument :
MSVOA_U
ClientSampleId :
VSTD050149

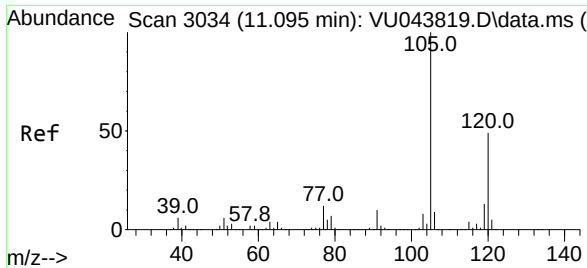
Tgt Ion: 75 Resp: 266567
Ion Ratio Lower Upper
75 100
77 32.3 25.8 38.6
110 36.3 28.9 43.3



#61
Isopropylbenzene
Concen: 47.42 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. -0.000 min
Lab File: VU043824.D
Acq: 19 May 2021 13:28

Tgt Ion:105 Resp: 795798
Ion Ratio Lower Upper
105 100
120 26.7 21.0 31.4
77 15.3 12.5 18.7

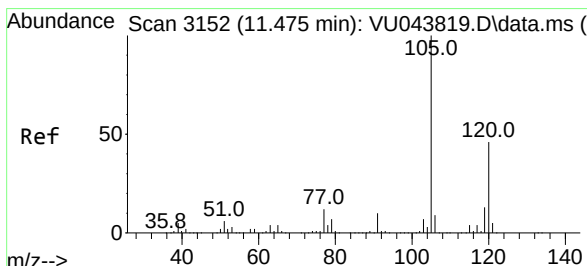
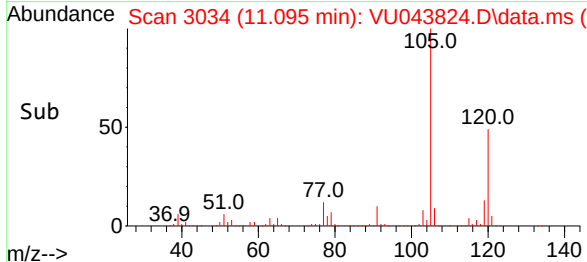
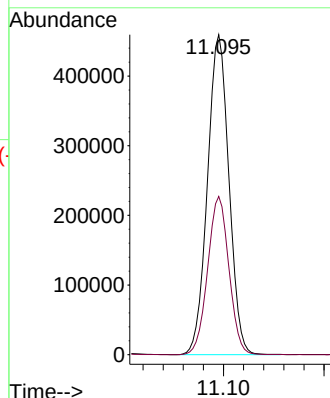
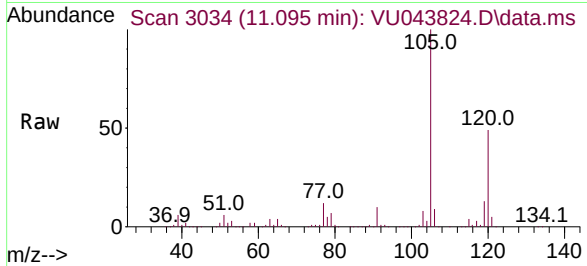




#62
1,3,5-Trimethylbenzene
Concen: 48.86 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU043824.D
Acq: 19 May 2021 13:28

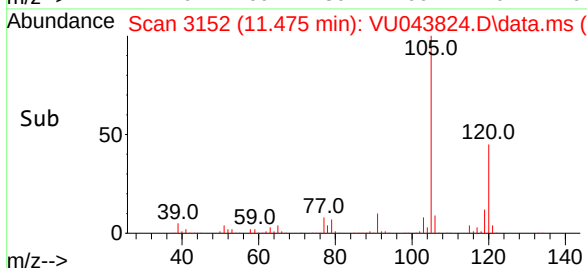
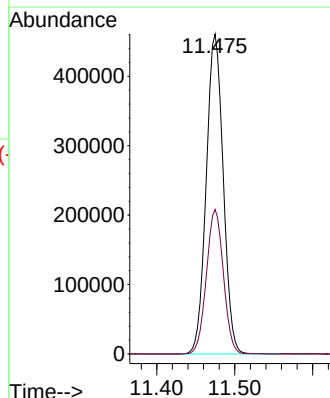
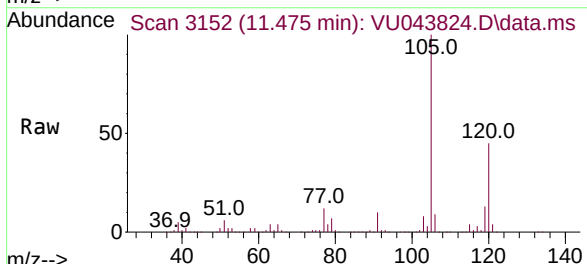
Instrument :
MSVOA_U
ClientSampleId :
VSTD050149

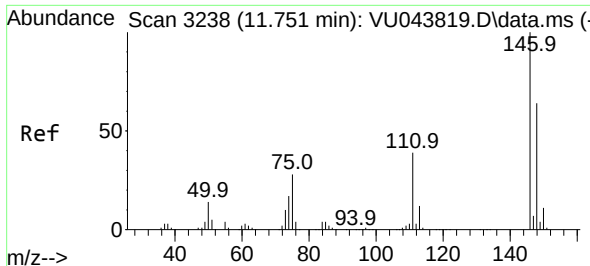
Tgt Ion:105 Resp: 680918
Ion Ratio Lower Upper
105 100
120 49.0 38.7 58.1



#63
1,2,4-Trimethylbenzene
Concen: 49.84 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU043824.D
Acq: 19 May 2021 13:28

Tgt Ion:105 Resp: 697533
Ion Ratio Lower Upper
105 100
120 45.1 36.2 54.2

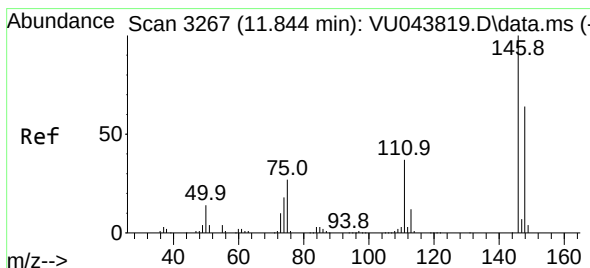
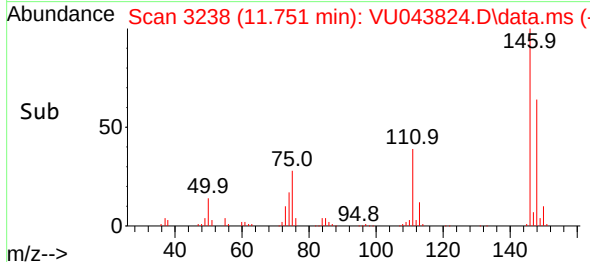
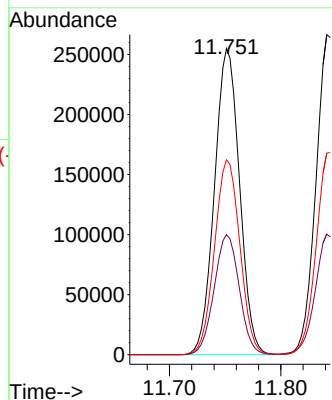
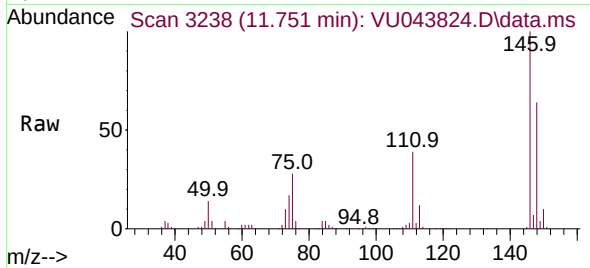




#64
1,3-Dichlorobenzene
Concen: 48.84 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. -0.000 min
Lab File: VU043824.D
Acq: 19 May 2021 13:28

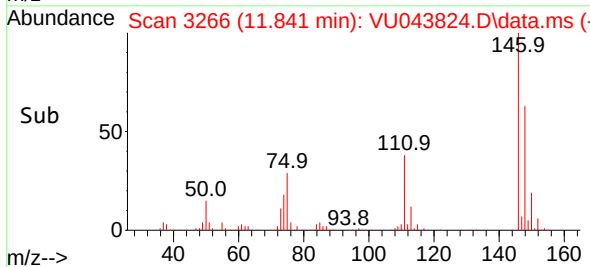
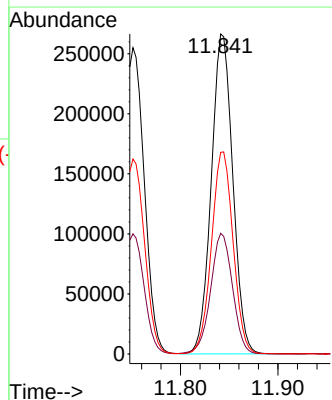
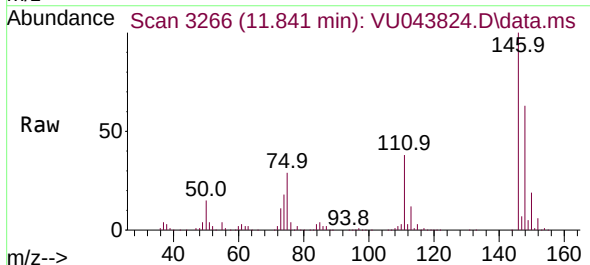
Instrument :
MSVOA_U
ClientSampled :
VSTD050149

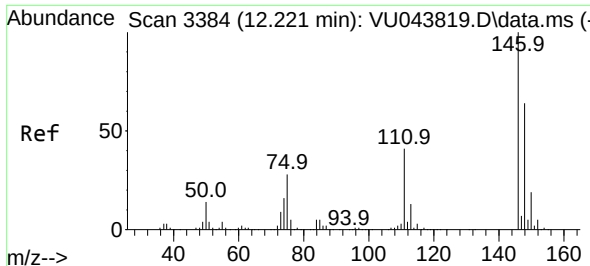
Tgt Ion:146 Resp: 398573
Ion Ratio Lower Upper
146 100
111 39.2 27.8 51.6
148 63.6 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 49.15 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. -0.003 min
Lab File: VU043824.D
Acq: 19 May 2021 13:28

Tgt Ion:146 Resp: 409241
Ion Ratio Lower Upper
146 100
111 37.7 27.1 50.3
148 63.0 45.4 84.4

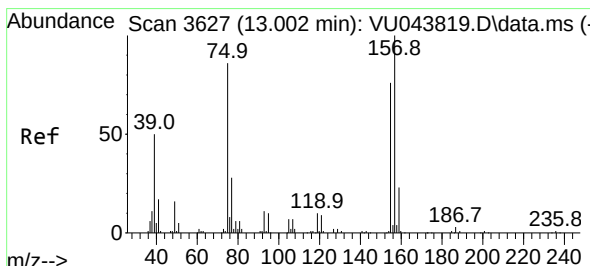
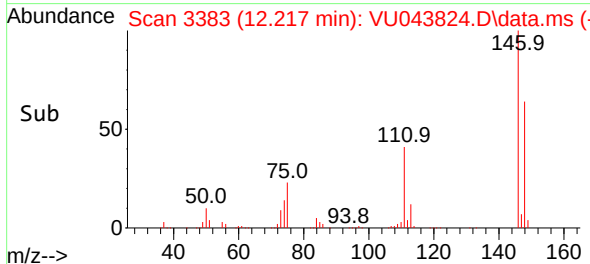
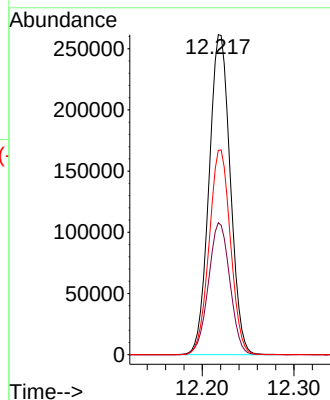
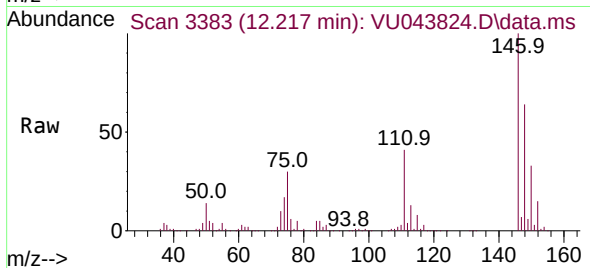




#67
1,2-Dichlorobenzene
Concen: 49.52 ug/L
RT: 12.217 min Scan# 3383
Delta R.T. -0.003 min
Lab File: VU043824.D
Acq: 19 May 2021 13:28

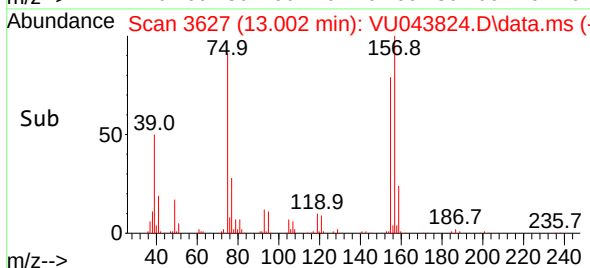
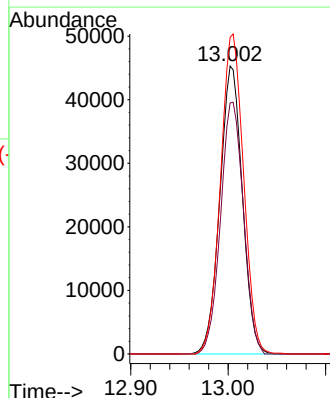
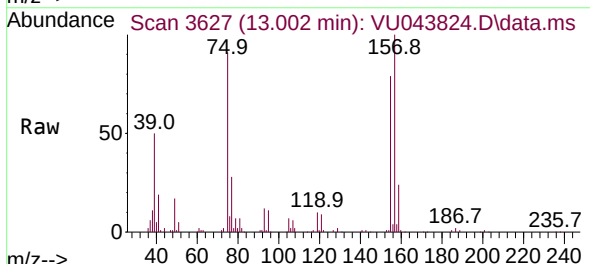
Instrument :
MSVOA_U
ClientSampleId :
VSTD050149

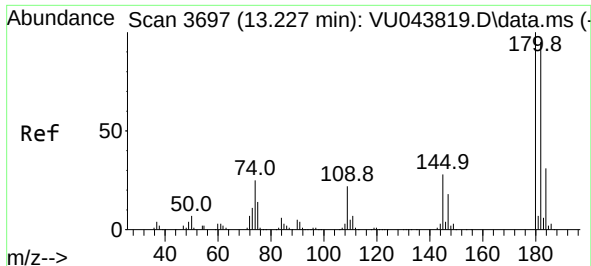
Tgt Ion:146 Resp: 420952
Ion Ratio Lower Upper
146 100
111 41.2 33.5 50.3
148 63.9 51.7 77.5



#68
1,2-Dibromo-3-chloropropane
Concen: 44.34 ug/L
RT: 13.002 min Scan# 3627
Delta R.T. -0.000 min
Lab File: VU043824.D
Acq: 19 May 2021 13:28

Tgt Ion: 75 Resp: 72796
Ion Ratio Lower Upper
75 100
155 87.2 72.5 108.7
157 114.7 92.3 138.5



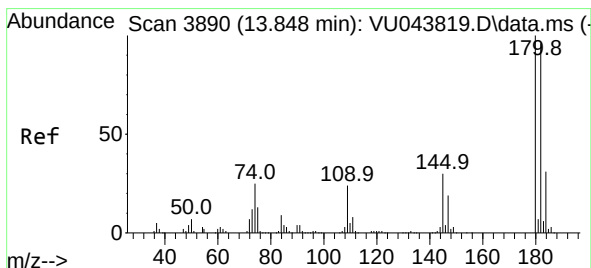
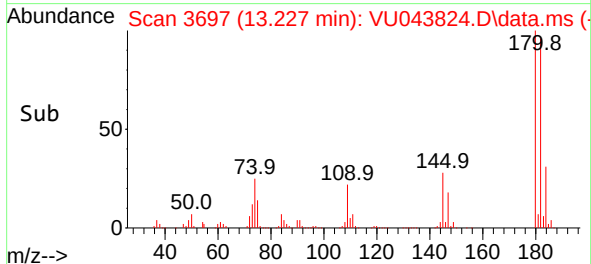
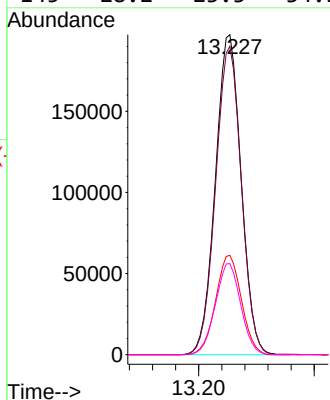
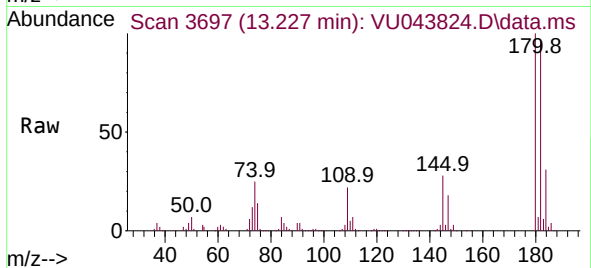


#69
1,3,5-Trichlorobenzene
Concen: 50.45 ug/L
RT: 13.227 min Scan# 3697
Delta R.T. -0.000 min
Lab File: VU043824.D
Acq: 19 May 2021 13:28

Instrument :
MSVOA_U
ClientSampleId :
VSTD050149

Tgt Ion:180 Resp: 305153

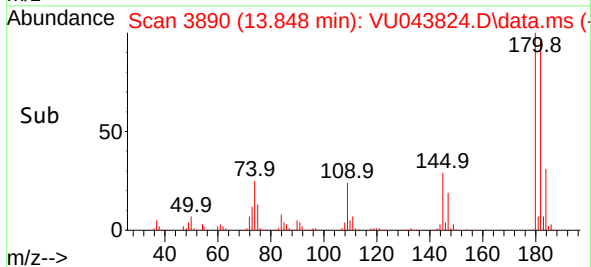
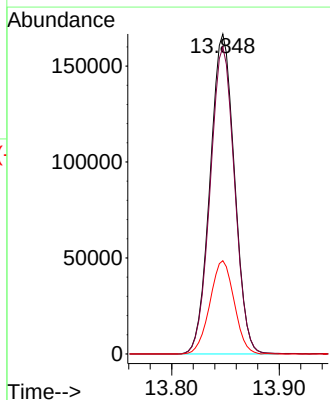
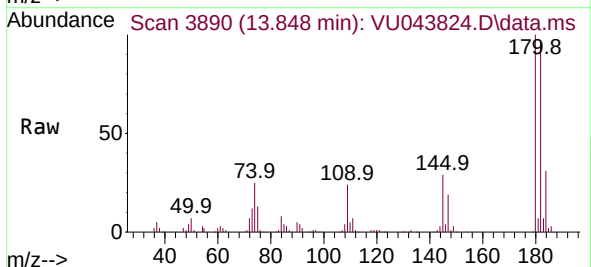
Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.4	114.6
184	31.0	25.0	37.4
145	28.2	23.3	34.9

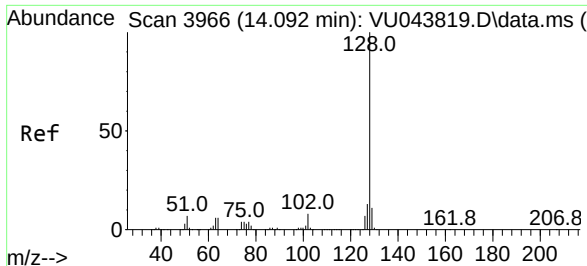


#70
1,2,4-trichlorobenzene
Concen: 50.84 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. -0.000 min
Lab File: VU043824.D
Acq: 19 May 2021 13:28

Tgt Ion:180 Resp: 262687

Ion	Ratio	Lower	Upper
180	100		
182	95.8	75.9	113.9
145	29.0	23.4	35.0

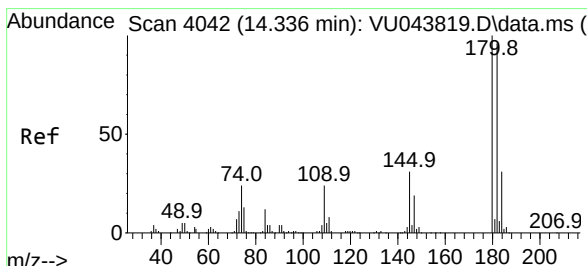
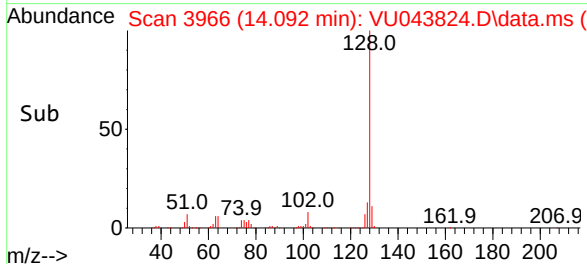
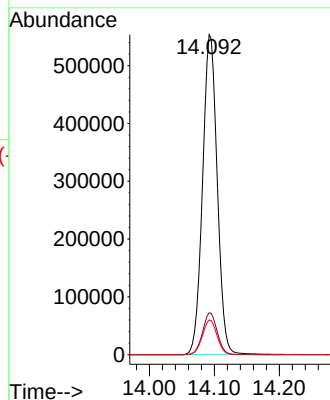
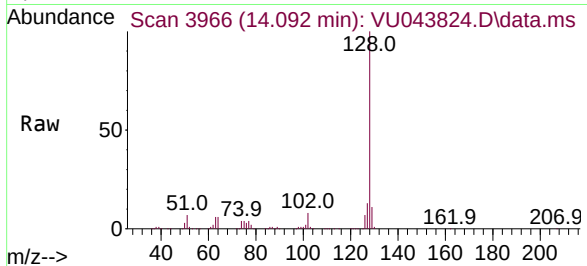




#71
Naphthalene
Concen: 50.54 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. -0.000 min
Lab File: VU043824.D
Acq: 19 May 2021 13:28

Instrument :
MSVOA_U
ClientSampleId :
VSTD050149

Tgt Ion:128 Resp: 871263
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.9 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 51.97 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. -0.000 min
Lab File: VU043824.D
Acq: 19 May 2021 13:28

Tgt Ion:180 Resp: 282697
Ion Ratio Lower Upper
180 100
182 95.0 76.9 115.3
145 30.7 24.9 37.3

