

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092021\
 Data File : VU044724.D
 Acq On : 20 Sep 2021 21:18
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005115

Quant Time: Sep 21 02:52:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 21 02:46:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	119640	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	119387	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	58916	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	36549	5.177	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.600%
7) Chloroethane-d5	1.916	69	31228	4.335	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.600%
11) 1,1-Dichloroethene-d2	2.568	65	16554	4.643	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.800%
20) 2-Butanone-d5	4.662	46	99018	33.461	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	66.920%
24) Chloroform-d	5.070	84	71291	4.801	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	5.710	65	40840	4.613	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
32) Benzene-d6	5.732	84	133245	4.377	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	6.697	67	45501	4.551	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.000%
41) Toluene-d8	7.903	98	119578	4.512	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
43) trans-1,3-Dichloroprop...	8.185	79	16534	4.692	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.800%
46) 2-Hexanone-d5	8.642	63	105519	46.588	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.180%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	41443	4.675	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.600%
66) 1,2-Dichlorobenzene-d4	12.198	152	41465	4.265	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	43486	4.558	ug/L	98
3) Chloromethane	1.520	50	55755	4.861	ug/L	99
5) Vinyl chloride	1.604	62	57512	4.916	ug/L	98
6) Bromomethane	1.861	94	27878	4.650	ug/L	99
8) Chloroethane	1.938	64	37696	5.056	ug/L	98
9) Trichlorofluoromethane	2.141	101	68189	5.176	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	42043	5.199	ug/L	98
12) 1,1-Dichloroethene	2.584	96	38751	5.042	ug/L	93
13) Acetone	2.684	43	56158	29.137	ug/L	82
14) Carbon disulfide	2.797	76	101564	4.174	ug/L	99
15) Methyl Acetate	2.973	43	31302	8.995	ug/L #	78
16) Methylene chloride	3.051	84	53885	4.409	ug/L	98
17) Methyl tert-butyl Ether	3.375	73	108722	5.117	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	40123	4.911	ug/L	99
19) 1,1-Dichloroethane	3.877	63	88852	5.379	ug/L	99
21) 2-Butanone	4.742	43	115537	35.902	ug/L	88
22) cis-1,2-Dichloroethene	4.671	96	45114	5.009	ug/L	99
23) Bromochloromethane	4.983	128	20255	5.308	ug/L	96
25) Chloroform	5.096	83	89943	5.109	ug/L	96

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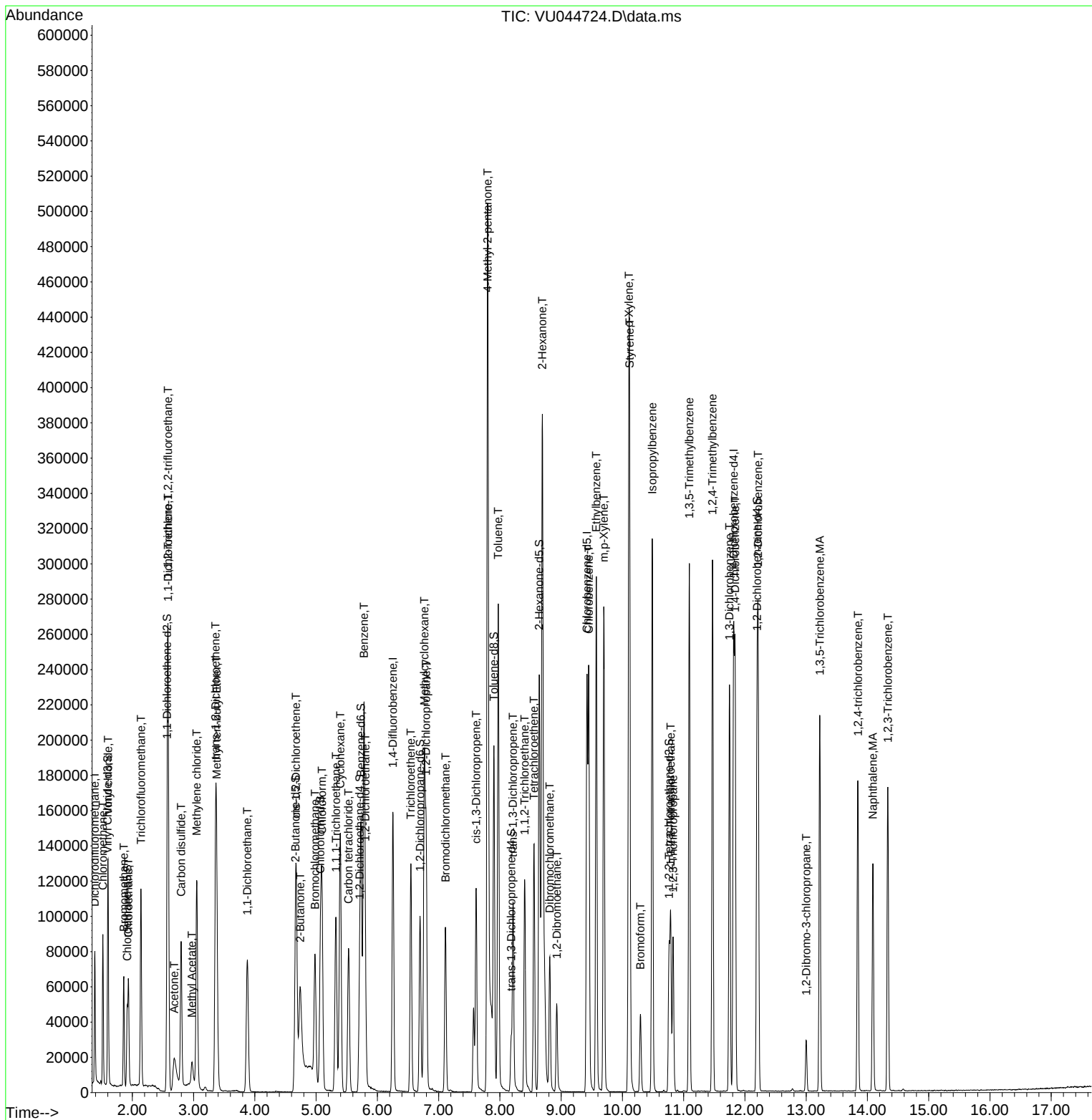
Instrument :
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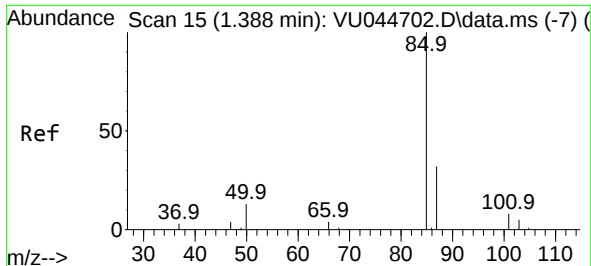
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	59969	5.203	ug/L	99
29) 1,1,1-Trichloroethane	5.324	97	69149	5.315	ug/L	99
30) Cyclohexane	5.395	56	70408	4.726	ug/L	98
31) Carbon tetrachloride	5.530	117	52561	5.163	ug/L	100
33) Benzene	5.780	78	184416	5.205	ug/L	100
34) Trichloroethene	6.546	95	43871	5.002	ug/L	100
35) Methylcyclohexane	6.768	83	66078	4.584	ug/L	99
37) 1,2-Dichloropropane	6.796	63	51550	5.429	ug/L	100
38) Bromodichloromethane	7.112	83	61389	5.333	ug/L	96
39) cis-1,3-Dichloropropene	7.613	75	64024	4.760	ug/L	98
40) 4-Methyl-2-pentanone	7.800	43	411384	55.665	ug/L	99
42) Toluene	7.973	91	192571	5.204	ug/L	98
44) trans-1,3-Dichloropropene	8.214	75	57638	5.022	ug/L	98
45) 1,1,2-Trichloroethane	8.404	97	36192	5.361	ug/L	99
47) Tetrachloroethene	8.555	164	28749	4.720	ug/L	95
48) 2-Hexanone	8.694	43	300375	54.605	ug/L	98
49) Dibromochloromethane	8.812	129	37572	5.297	ug/L	100
50) 1,2-Dibromoethane	8.928	107	33765	5.313	ug/L #	99
51) Chlorobenzene	9.452	112	113907	4.965	ug/L	98
52) Ethylbenzene	9.575	91	199162	4.969	ug/L	98
53) m,p-Xylene	9.697	106	74136	4.864	ug/L	97
54) o-Xylene	10.105	106	73171	5.025	ug/L	98
55) Styrene	10.118	104	128882	5.057	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.787	83	49999	5.516	ug/L	97
59) Bromoform	10.295	173	19621	5.358	ug/L	98
60) Isopropylbenzene	10.488	105	189787	5.146	ug/L	100
61) 1,2,3-Trichloropropane	10.828	75	36671	5.633	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	153583	5.014	ug/L	99
63) 1,2,4-Trimethylbenzene	11.472	105	158004	5.023	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	85948	4.998	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	85486	4.819	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	83565	5.120	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	7754	5.416	ug/L	94
69) 1,3,5-Trichlorobenzene	13.224	180	59030	4.516	ug/L	100
70) 1,2,4-trichlorobenzene	13.844	180	48496	4.398	ug/L	100
71) Naphthalene	14.089	128	96783	4.499	ug/L	99
72) 1,2,3-Trichlorobenzene	14.333	180	48047	4.734	ug/L	99

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

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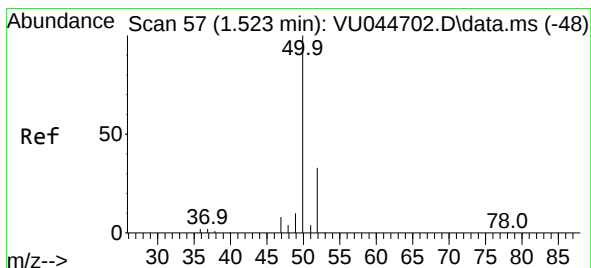
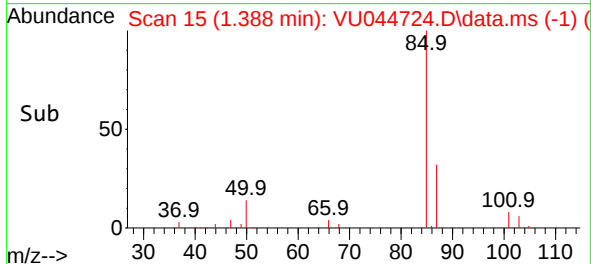
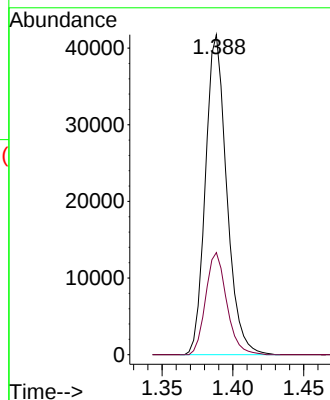
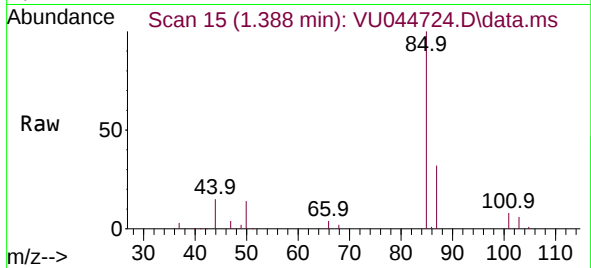




#2
Dichlorodifluoromethane
Concen: 4.558 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU044724.D
Acq: 20 Sep 2021 21:18

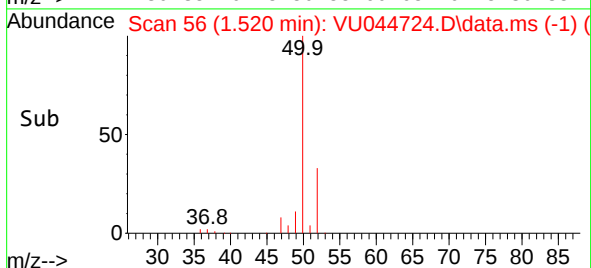
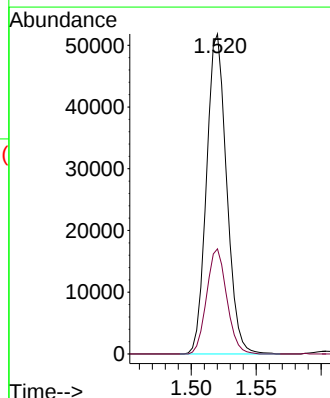
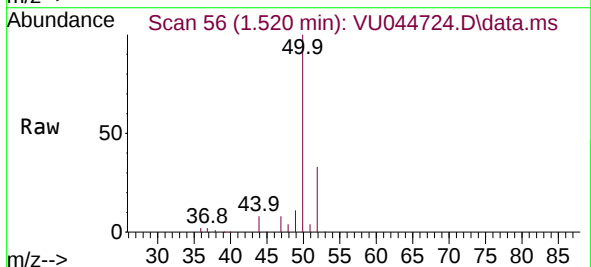
Instrument :
MSVOA_U
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VSTD005115

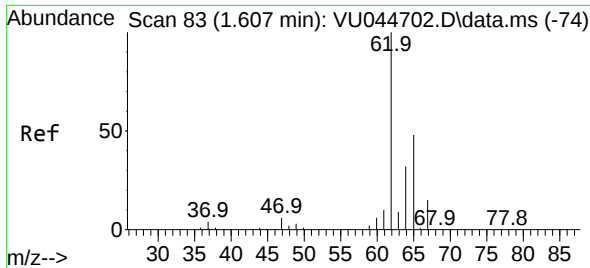
Tgt Ion: 85 Resp: 43486
Ion Ratio Lower Upper
85 100
87 31.5 26.0 39.0



#3
Chloromethane
Concen: 4.861 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU044724.D
Acq: 20 Sep 2021 21:18

Tgt Ion: 50 Resp: 55755
Ion Ratio Lower Upper
50 100
52 32.8 22.6 42.0

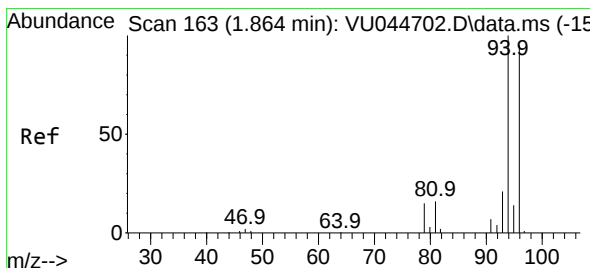
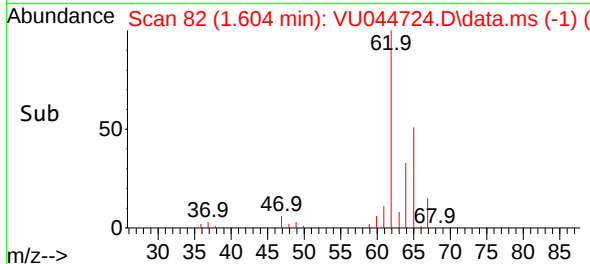
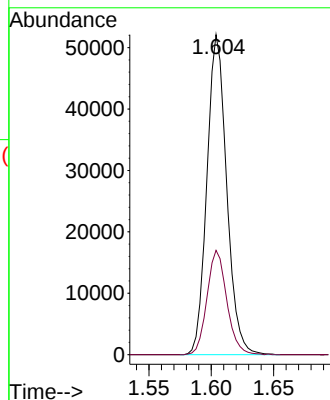
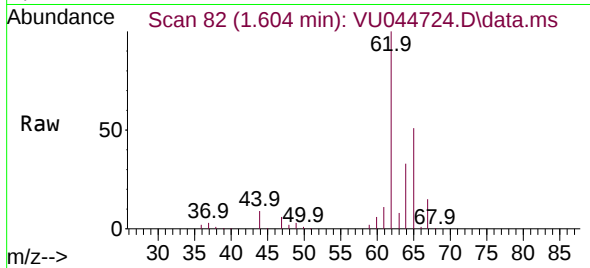




#5
 Vinyl chloride
 Concen: 4.916 ug/L
 RT: 1.604 min Scan# 82
 Delta R.T. -0.003 min
 Lab File: VU044724.D
 Acq: 20 Sep 2021 21:18

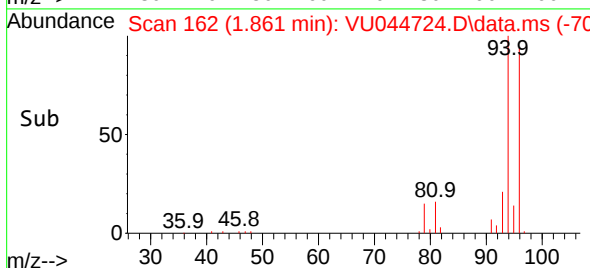
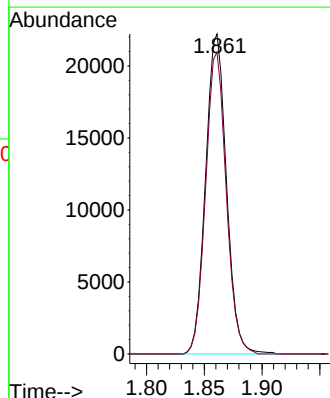
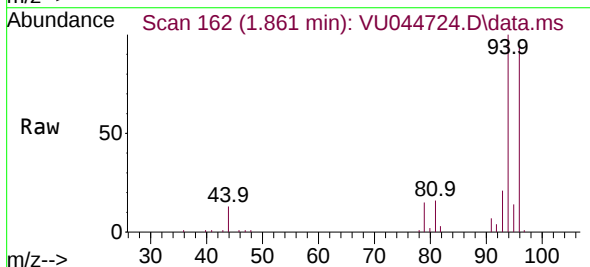
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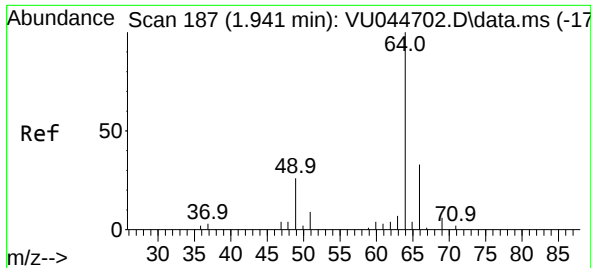
Tgt Ion: 62 Resp: 57512
 Ion Ratio Lower Upper
 62 100
 64 32.6 22.0 40.8



#6
 Bromomethane
 Concen: 4.650 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.003 min
 Lab File: VU044724.D
 Acq: 20 Sep 2021 21:18

Tgt Ion: 94 Resp: 27878
 Ion Ratio Lower Upper
 94 100
 96 94.4 66.4 123.4

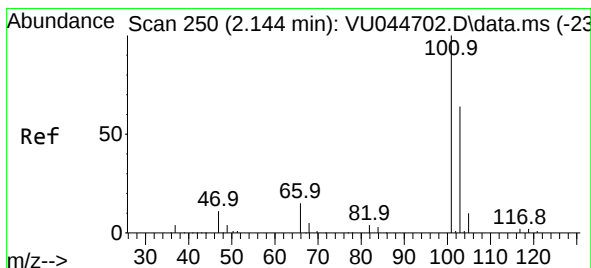
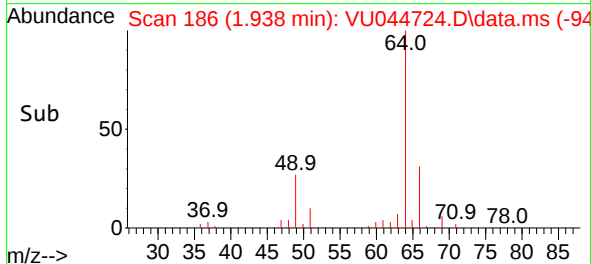
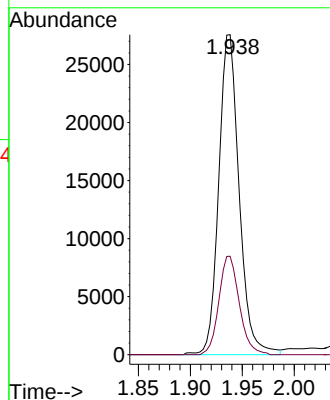
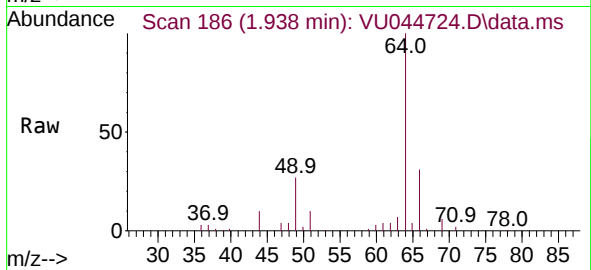




#8
Chloroethane
Concen: 5.056 ug/L
RT: 1.938 min Scan# 186
Delta R.T. -0.003 min
Lab File: VU044724.D
Acq: 20 Sep 2021 21:18

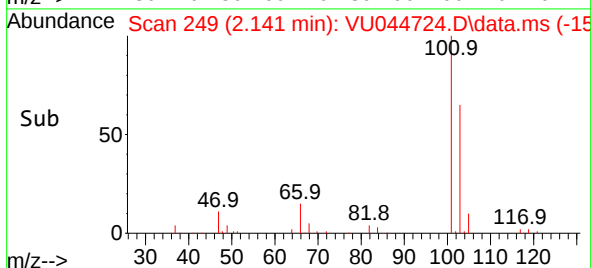
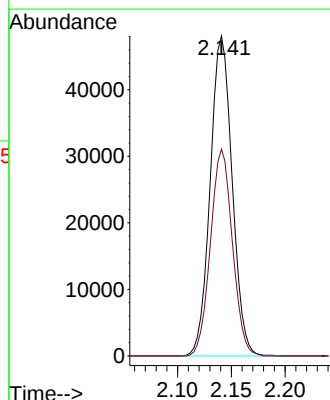
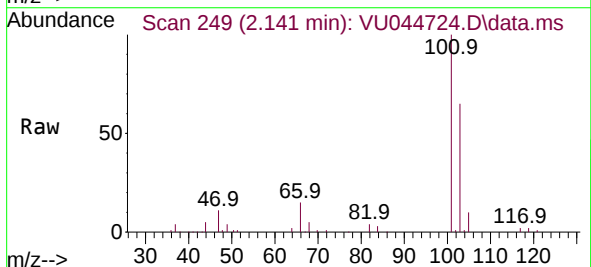
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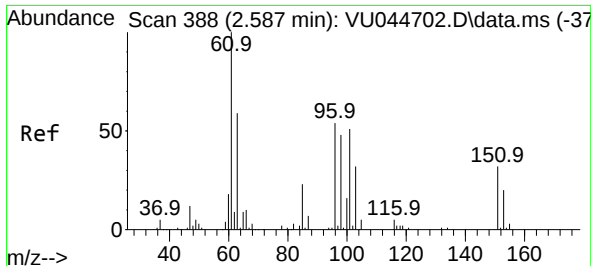
Tgt Ion: 64 Resp: 37696
Ion Ratio Lower Upper
64 100
66 30.7 22.1 41.1



#9
Trichlorofluoromethane
Concen: 5.176 ug/L
RT: 2.141 min Scan# 249
Delta R.T. -0.003 min
Lab File: VU044724.D
Acq: 20 Sep 2021 21:18

Tgt Ion: 101 Resp: 68189
Ion Ratio Lower Upper
101 100
103 64.6 51.2 76.8

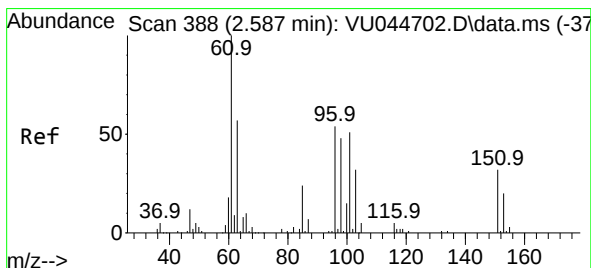
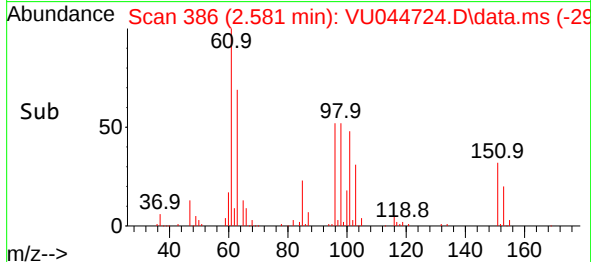
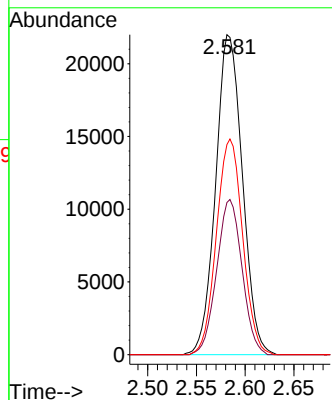
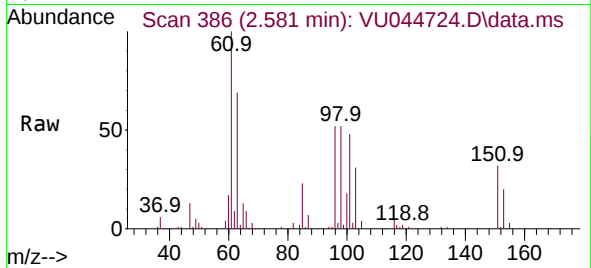




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.199 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. -0.006 min
 Lab File: VU044724.D
 Acq: 20 Sep 2021 21:18

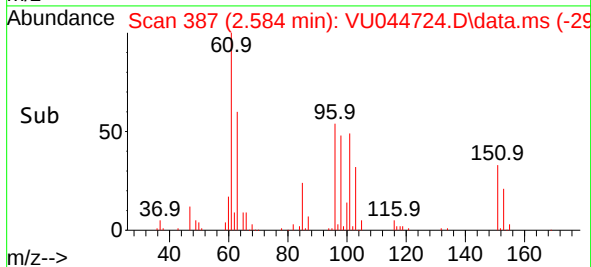
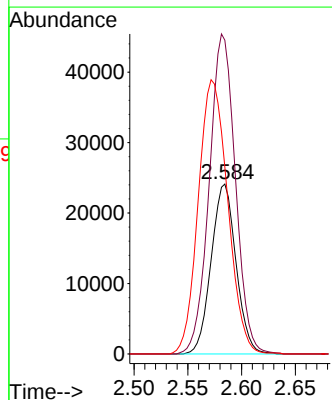
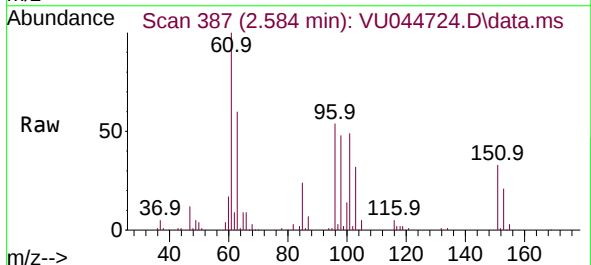
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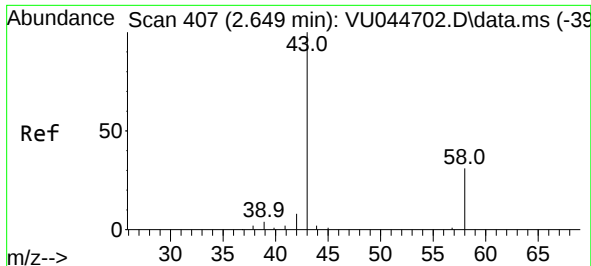
Tgt Ion:101 Resp: 42043
 Ion Ratio Lower Upper
 101 100
 85 46.0 35.4 53.2
 151 66.1 53.9 80.9



#12
 1,1-Dichloroethene
 Concen: 5.042 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.003 min
 Lab File: VU044724.D
 Acq: 20 Sep 2021 21:18

Tgt Ion: 96 Resp: 38751
 Ion Ratio Lower Upper
 96 100
 61 184.6 129.3 240.1
 63 110.0 91.3 169.5

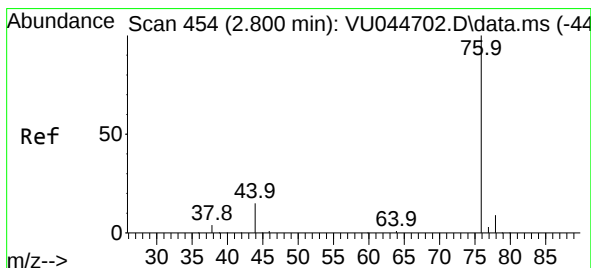
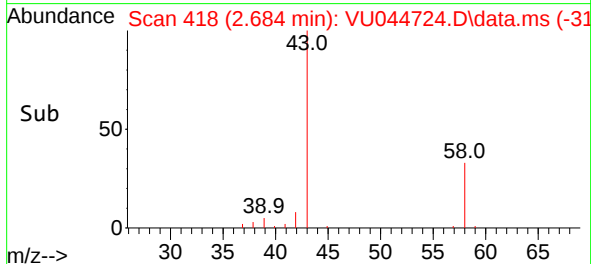
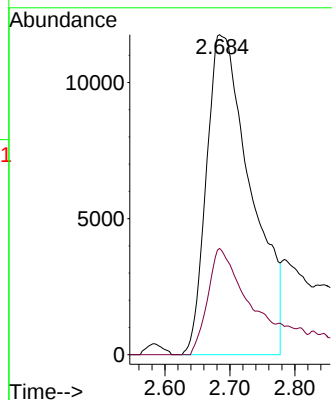
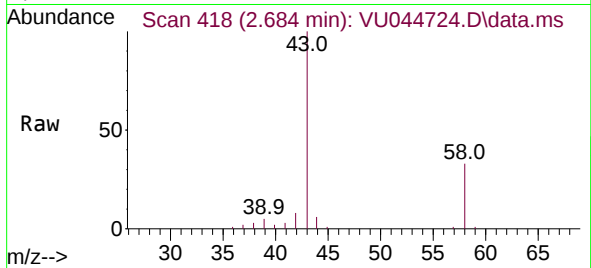




#13
Acetone
Concen: 29.137 ug/L
RT: 2.684 min Scan# 418
Delta R.T. 0.036 min
Lab File: VU044724.D
Acq: 20 Sep 2021 21:18

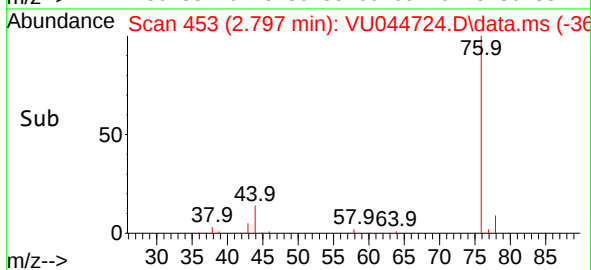
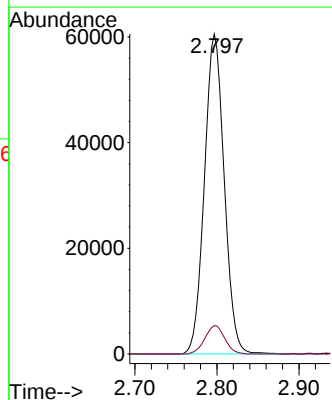
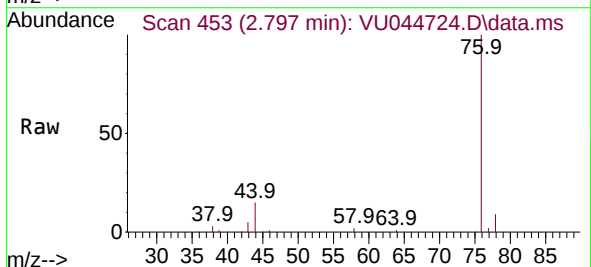
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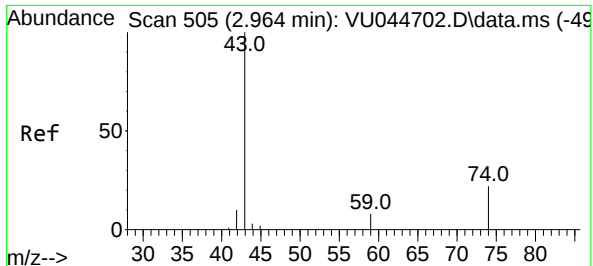
Tgt Ion: 43 Resp: 56158
Ion Ratio Lower Upper
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58 29.6 0.0 42.4



#14
Carbon disulfide
Concen: 4.174 ug/L
RT: 2.797 min Scan# 453
Delta R.T. -0.003 min
Lab File: VU044724.D
Acq: 20 Sep 2021 21:18

Tgt Ion: 76 Resp: 101564
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0

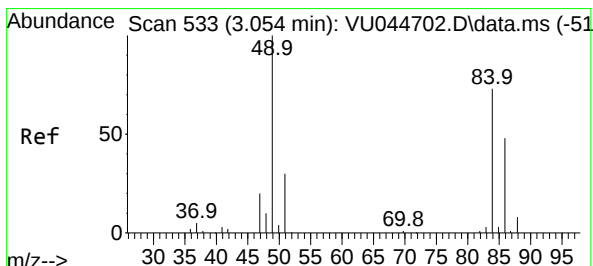
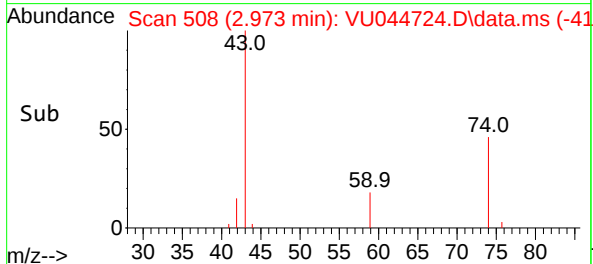
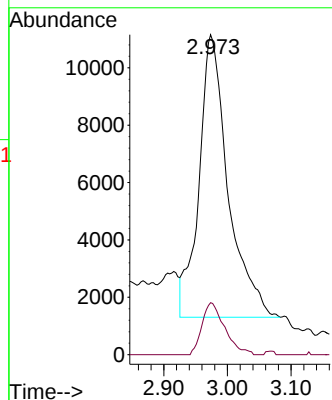
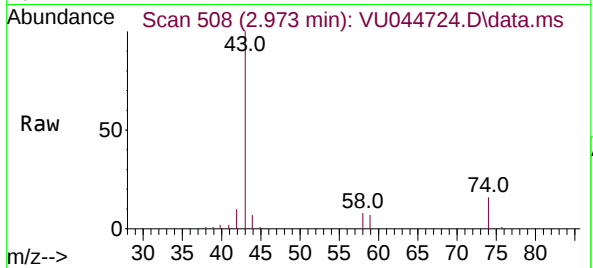




#15
Methyl Acetate
Concen: 8.995 ug/L
RT: 2.973 min Scan# 508
Delta R.T. 0.010 min
Lab File: VU044724.D
Acq: 20 Sep 2021 21:18

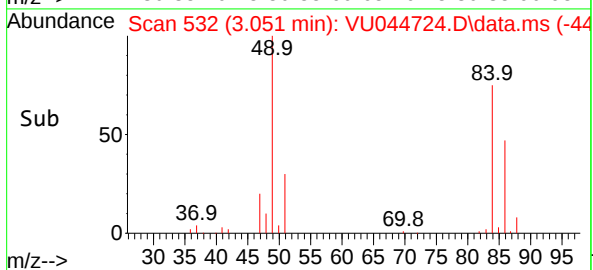
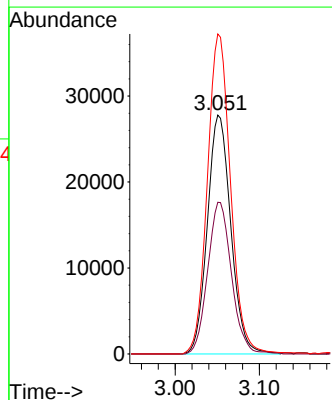
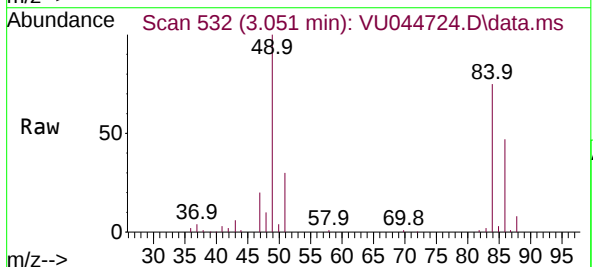
Instrument :
MSVOA_U
ClientSampleId :
VSTD005115

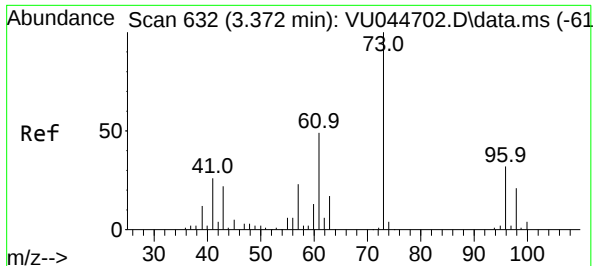
Tgt Ion: 43 Resp: 31302
Ion Ratio Lower Upper
43 100
74 14.4 20.6 30.8#



#16
Methylene chloride
Concen: 4.409 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.003 min
Lab File: VU044724.D
Acq: 20 Sep 2021 21:18

Tgt Ion: 84 Resp: 53885
Ion Ratio Lower Upper
84 100
86 63.5 45.8 85.2
49 133.9 92.9 172.5



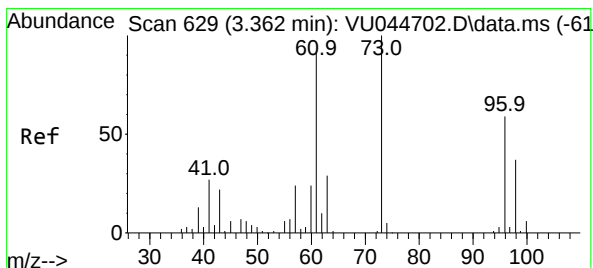
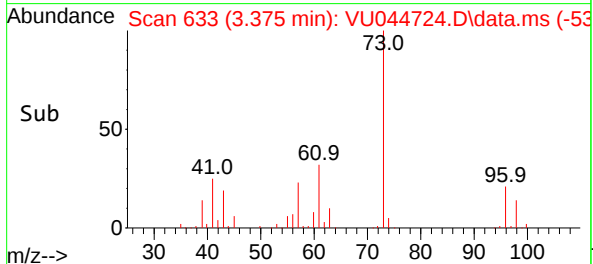
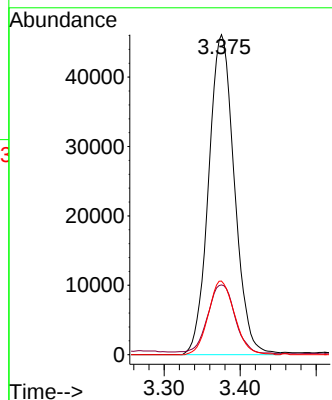
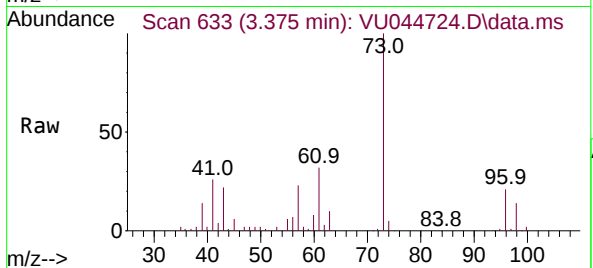


#17

Methyl tert-butyl Ether
 Concen: 5.117 ug/L
 RT: 3.375 min Scan# 633
 Delta R.T. 0.003 min
 Lab File: VU044724.D
 Acq: 20 Sep 2021 21:18

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005115

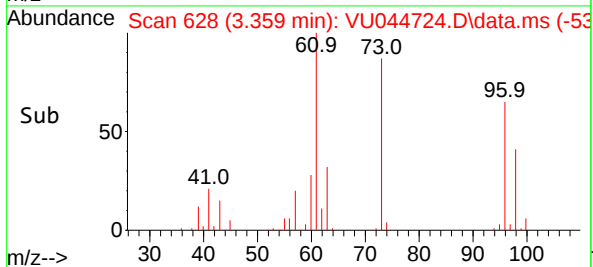
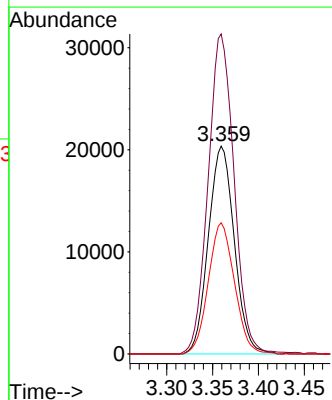
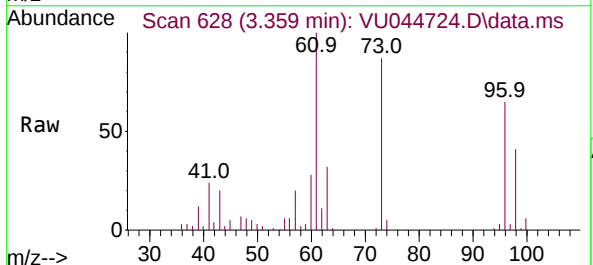
Tgt Ion: 73 Resp: 108722
 Ion Ratio Lower Upper
 73 100
 43 22.9 17.8 26.6
 57 23.4 18.6 27.8

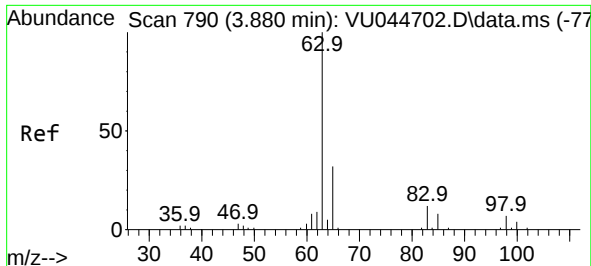


#18

trans-1,2-Dichloroethene
 Concen: 4.911 ug/L
 RT: 3.359 min Scan# 628
 Delta R.T. -0.003 min
 Lab File: VU044724.D
 Acq: 20 Sep 2021 21:18

Tgt Ion: 96 Resp: 40123
 Ion Ratio Lower Upper
 96 100
 61 154.0 107.2 199.0
 98 63.1 42.8 79.6





#19

1,1-Dichloroethane

Concen: 5.379 ug/L

RT: 3.877 min Scan# 789

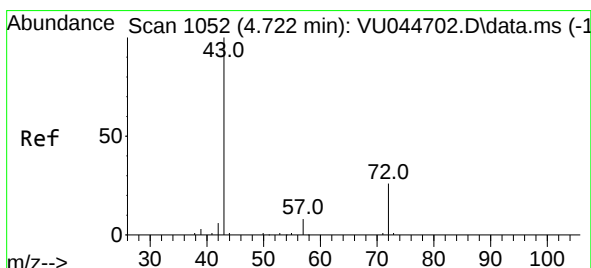
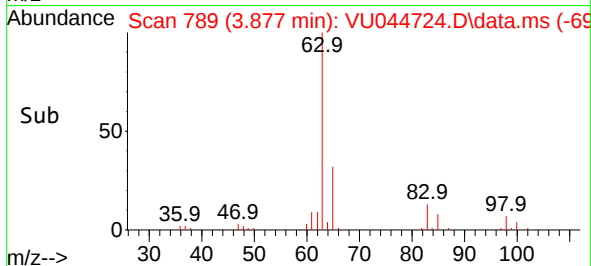
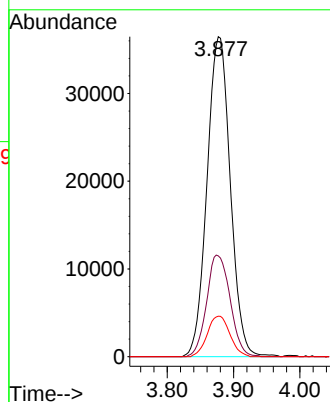
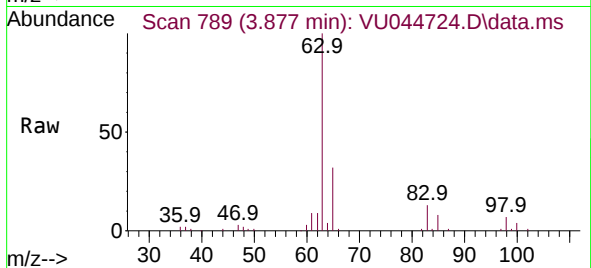
Delta R.T. -0.003 min

Lab File: VU044724.D

Acq: 20 Sep 2021 21:18

Tgt Ion:	63	Resp:	88852
Ion Ratio	Lower	Upper	
63	100		
65	31.5	21.8	40.6
83	12.7	8.8	16.3

Instrument :
MSVOA_U
ClientSampleId :
VSTD005115



#21

2-Butanone

Concen: 35.902 ug/L

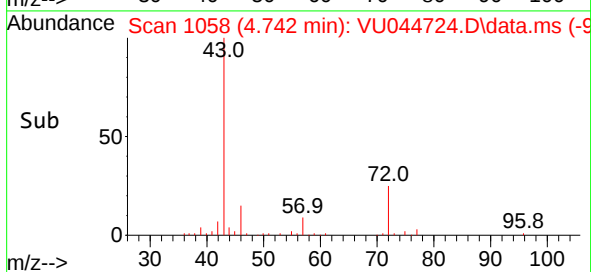
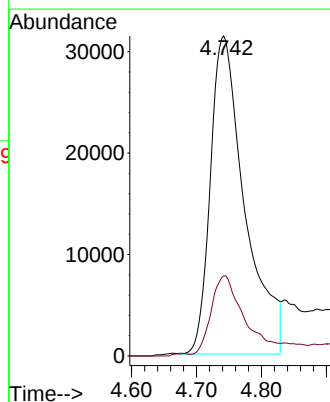
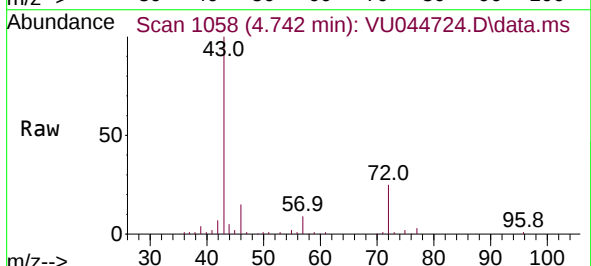
RT: 4.742 min Scan# 1058

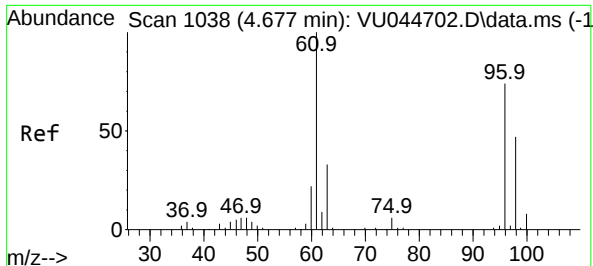
Delta R.T. 0.019 min

Lab File: VU044724.D

Acq: 20 Sep 2021 21:18

Tgt Ion:	43	Resp:	115537
Ion Ratio	Lower	Upper	
43	100		
72	23.7	9.2	27.4

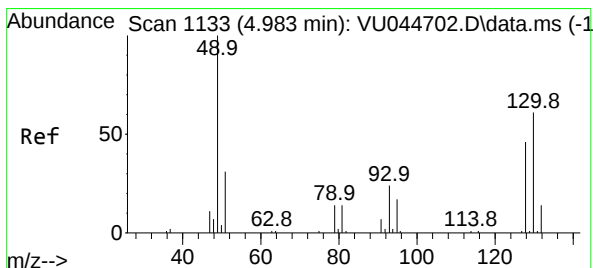
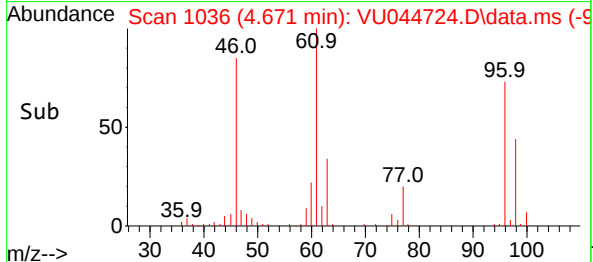
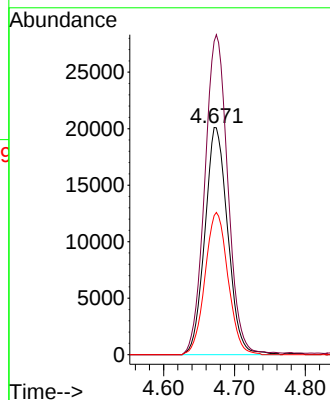
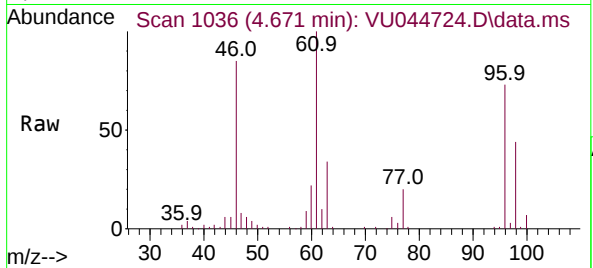




#22
 cis-1,2-Dichloroethene
 Concen: 5.009 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.006 min
 Lab File: VU044724.D
 Acq: 20 Sep 2021 21:18

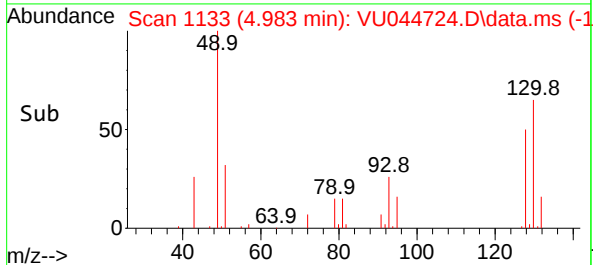
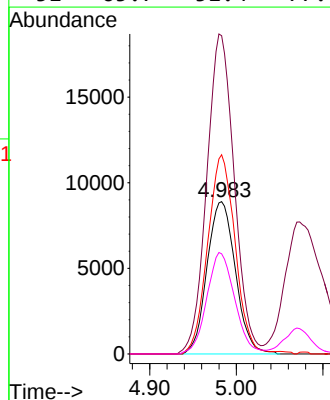
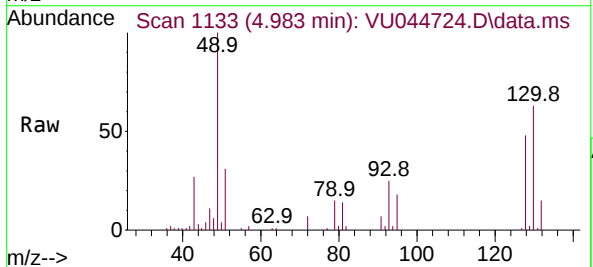
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005115

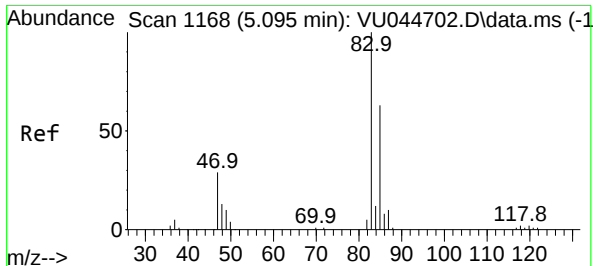
Tgt Ion:	96	Resp:	45114
Ion	Ratio	Lower	Upper
96	100		
61	137.9	96.9	179.9
98	61.2	43.5	80.7



#23
 Bromochloromethane
 Concen: 5.308 ug/L
 RT: 4.983 min Scan# 1133
 Delta R.T. 0.000 min
 Lab File: VU044724.D
 Acq: 20 Sep 2021 21:18

Tgt Ion:	128	Resp:	20255
Ion	Ratio	Lower	Upper
128	100		
49	208.8	141.4	262.6
130	130.7	94.3	175.1
51	65.7	51.4	77.0



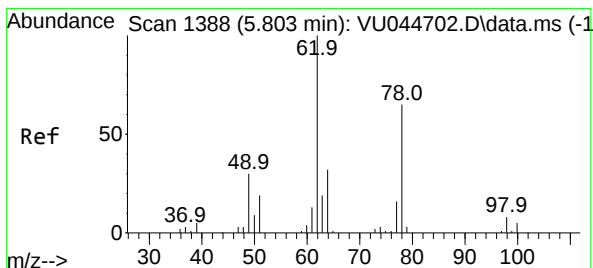
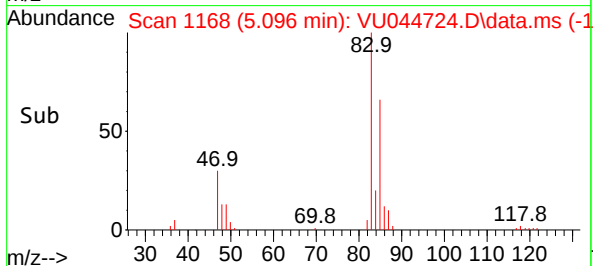
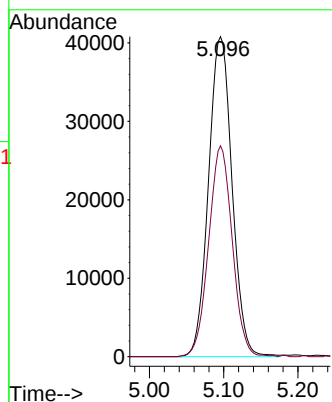
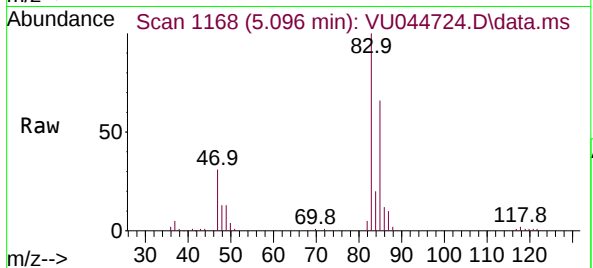


#25

Chloroform
Concen: 5.109 ug/L
RT: 5.096 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VU044724.D
Acq: 20 Sep 2021 21:18

Instrument :
MSVOA_U
ClientSampleId :
VSTD005115

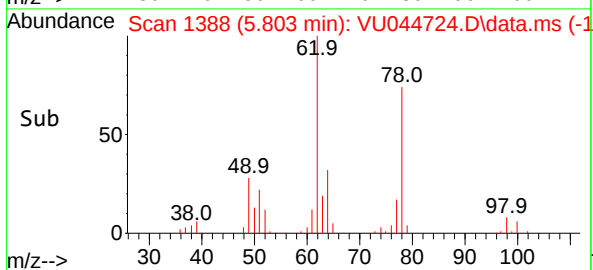
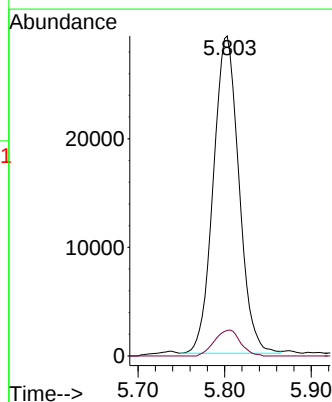
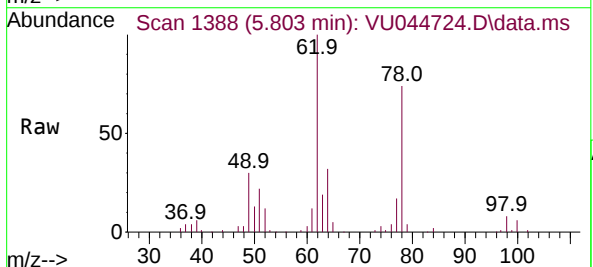
Tgt Ion: 83 Resp: 89943
Ion Ratio Lower Upper
83 100
85 65.9 44.2 82.0

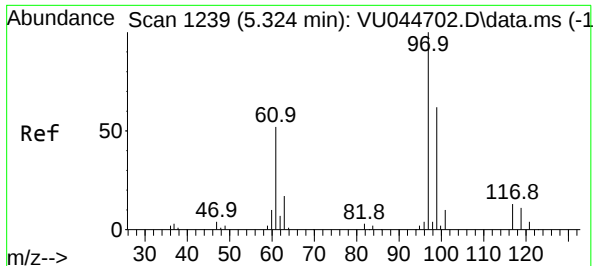


#27

1,2-Dichloroethane
Concen: 5.203 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VU044724.D
Acq: 20 Sep 2021 21:18

Tgt Ion: 62 Resp: 59969
Ion Ratio Lower Upper
62 100
98 8.0 6.6 10.0





#29

1,1,1-Trichloroethane

Concen: 5.315 ug/L

RT: 5.324 min Scan# 1239

Delta R.T. 0.000 min

Lab File: VU044724.D

Acq: 20 Sep 2021 21:18

Tgt Ion: 97 Resp: 69149

Ion Ratio Lower Upper

97 100

99 63.1 50.7 76.1

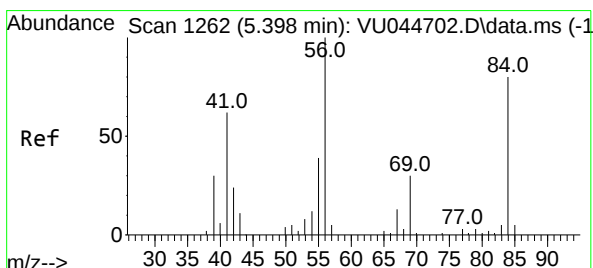
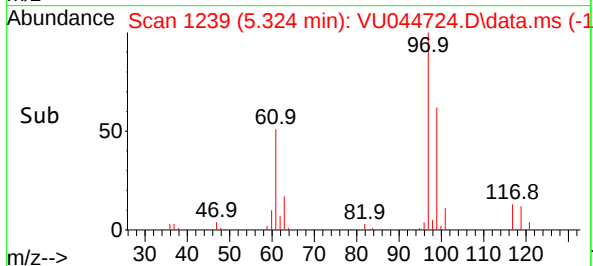
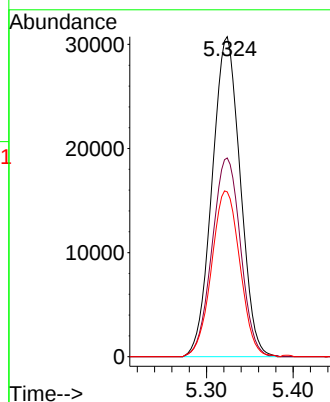
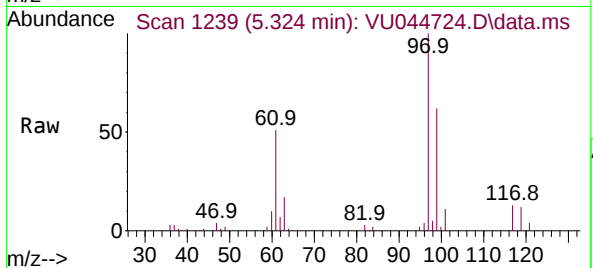
61 52.5 40.6 60.8

Instrument :

MSVOA_U

ClientSampleId :

VSTD005115



#30

Cyclohexane

Concen: 4.726 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. -0.003 min

Lab File: VU044724.D

Acq: 20 Sep 2021 21:18

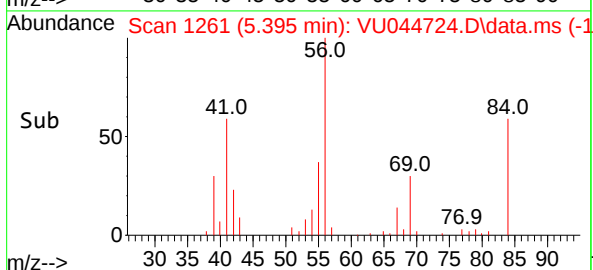
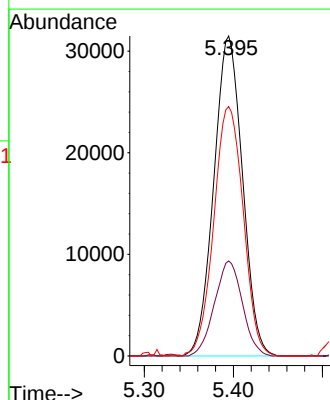
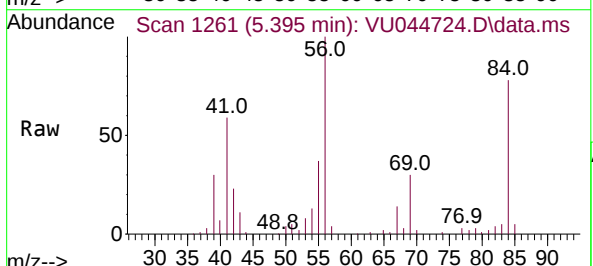
Tgt Ion: 56 Resp: 70408

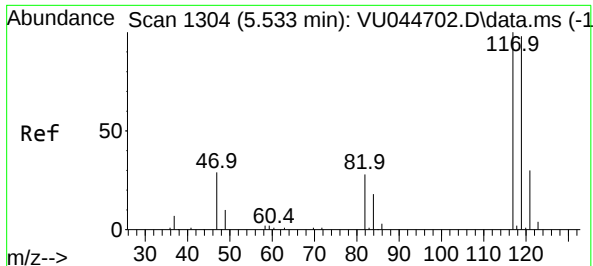
Ion Ratio Lower Upper

56 100

69 28.9 23.4 35.2

84 80.0 65.5 98.3

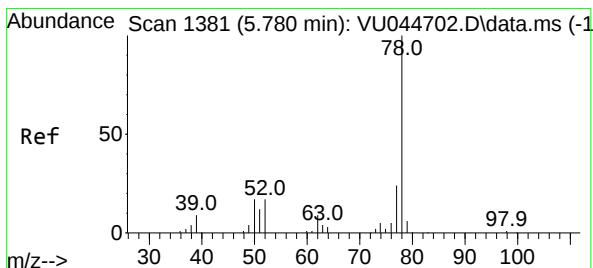
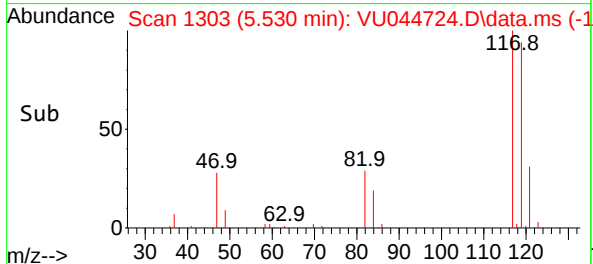
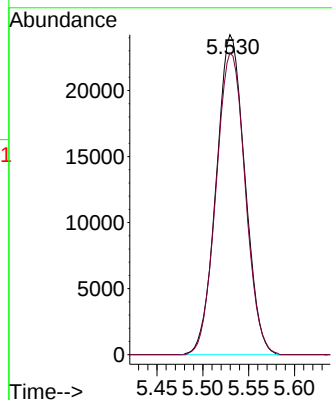
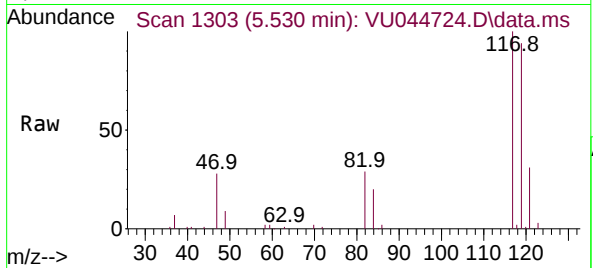




#31
Carbon tetrachloride
Concen: 5.163 ug/L
RT: 5.530 min Scan# 1303
Delta R.T. -0.003 min
Lab File: VU044724.D
Acq: 20 Sep 2021 21:18

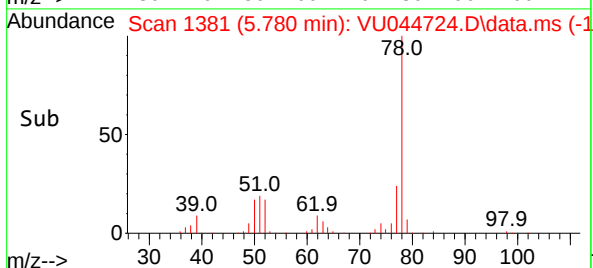
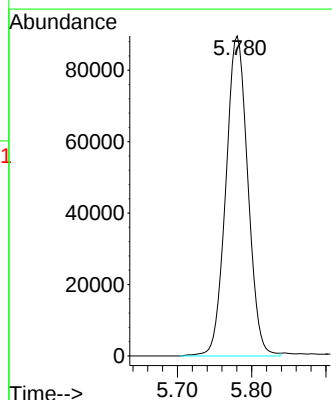
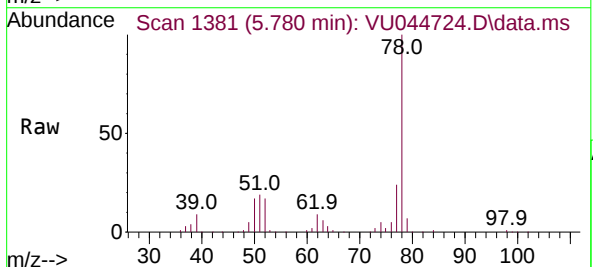
Instrument :
MSVOA_U
ClientSampleId :
VSTD005115

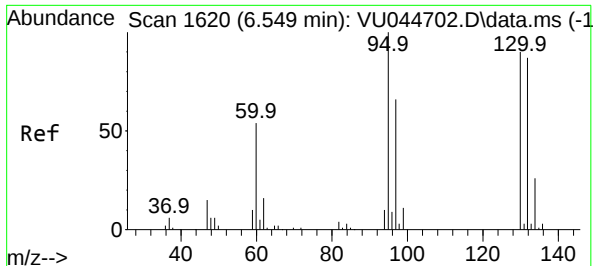
Tgt Ion:117 Resp: 52561
Ion Ratio Lower Upper
117 100
119 96.0 76.4 114.6



#33
Benzene
Concen: 5.205 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VU044724.D
Acq: 20 Sep 2021 21:18

Tgt Ion: 78 Resp: 184416

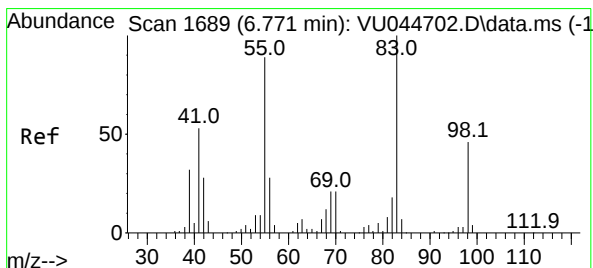
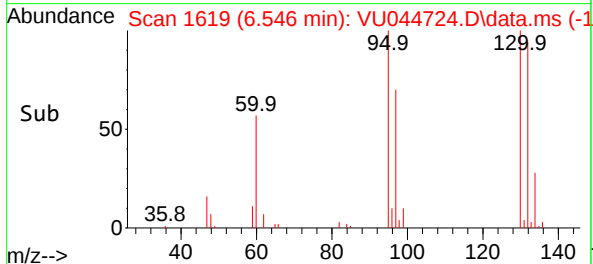
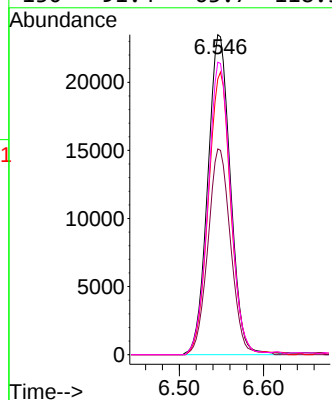
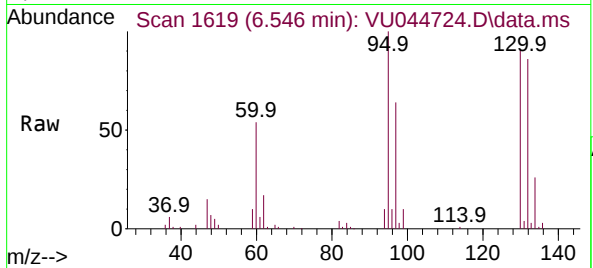




#34
Trichloroethene
Concen: 5.002 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.003 min
Lab File: VU044724.D
Acq: 20 Sep 2021 21:18

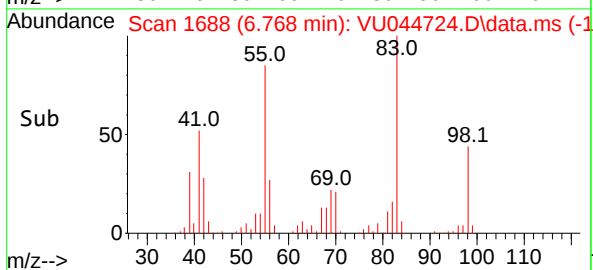
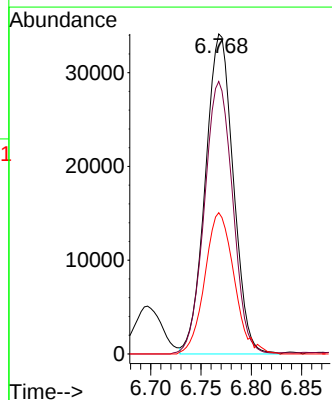
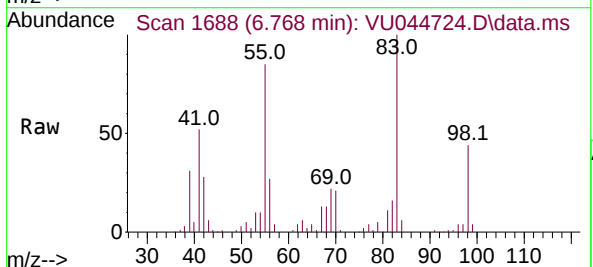
Instrument :
MSVOA_U
ClientSampleId :
VSTD005115

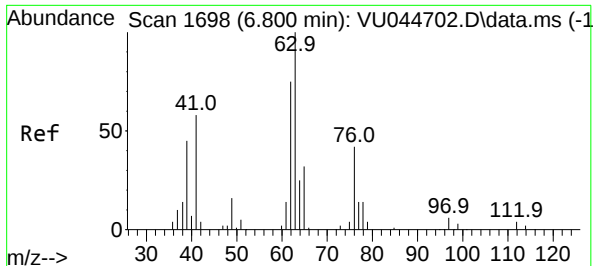
Tgt Ion: 95 Resp: 43871
Ion Ratio Lower Upper
95 100
97 64.3 44.7 82.9
132 86.2 60.3 111.9
130 91.4 63.7 118.3



#35
Methylcyclohexane
Concen: 4.584 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. -0.003 min
Lab File: VU044724.D
Acq: 20 Sep 2021 21:18

Tgt Ion: 83 Resp: 66078
Ion Ratio Lower Upper
83 100
55 86.2 68.3 102.5
98 46.3 37.3 55.9



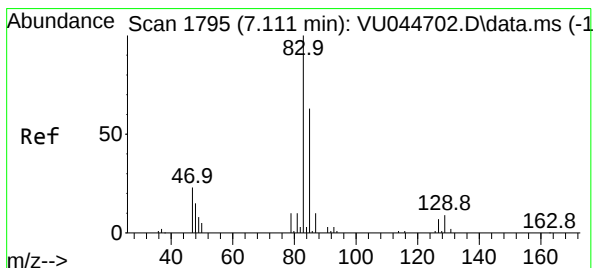
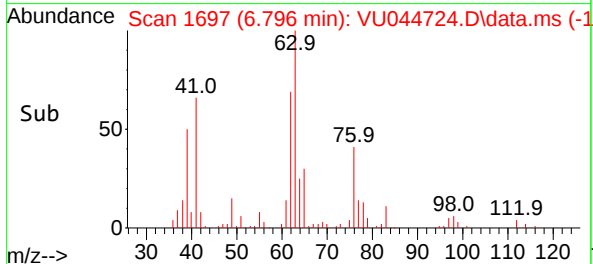
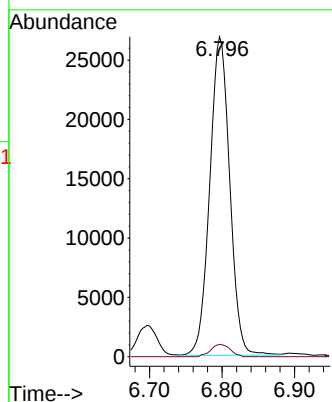
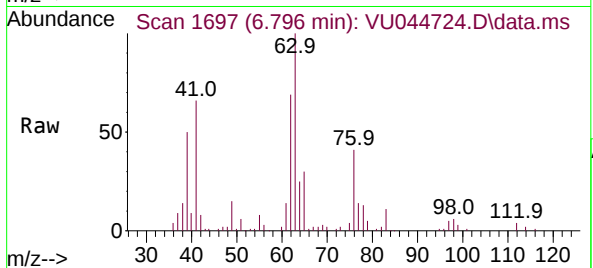


#37

1,2-Dichloropropane
Concen: 5.429 ug/L
RT: 6.796 min Scan# 1697
Delta R.T. -0.003 min
Lab File: VU044724.D
Acq: 20 Sep 2021 21:18

Instrument :
MSVOA_U
ClientSampled :
VSTD005115

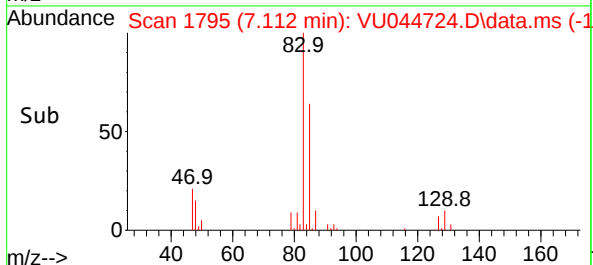
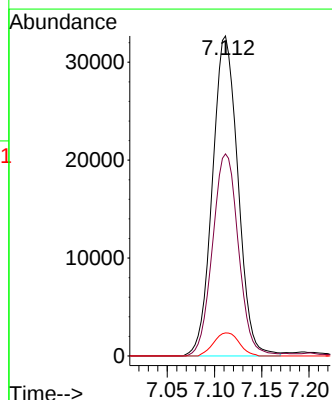
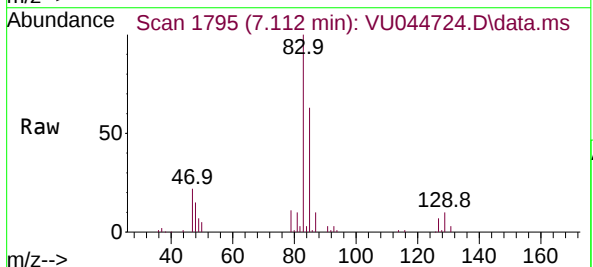
Tgt Ion: 63 Resp: 51550
Ion Ratio Lower Upper
63 100
112 3.8 3.1 4.7

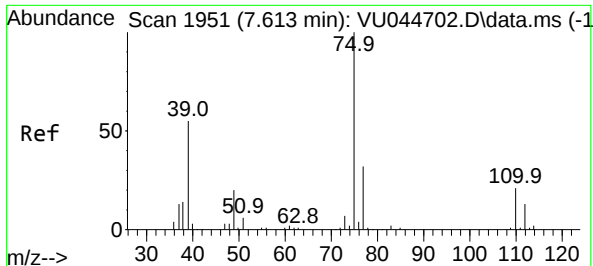


#38

Bromodichloromethane
Concen: 5.333 ug/L
RT: 7.112 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VU044724.D
Acq: 20 Sep 2021 21:18

Tgt Ion: 83 Resp: 61389
Ion Ratio Lower Upper
83 100
85 63.2 46.3 86.1
127 7.2 6.0 9.0



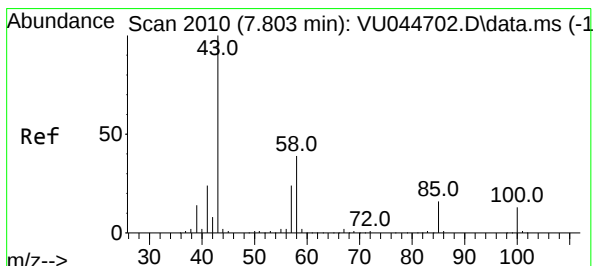
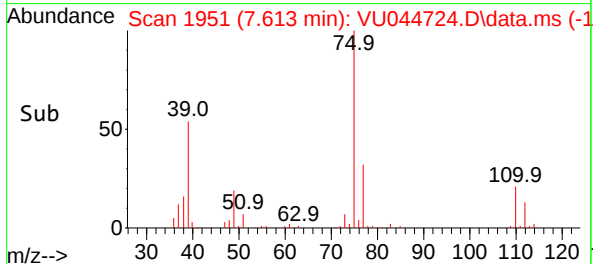
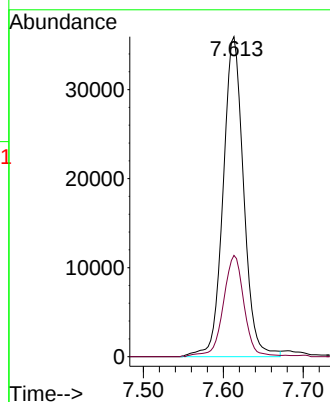
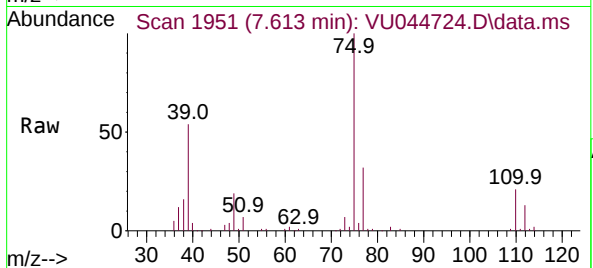


#39

cis-1,3-Dichloropropene
Concen: 4.760 ug/L
RT: 7.613 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VU044724.D
Acq: 20 Sep 2021 21:18

Instrument :
MSVOA_U
ClientSampleId :
VSTD005115

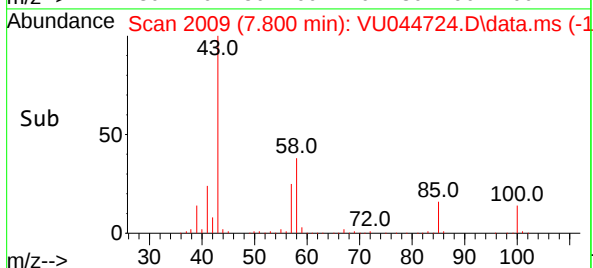
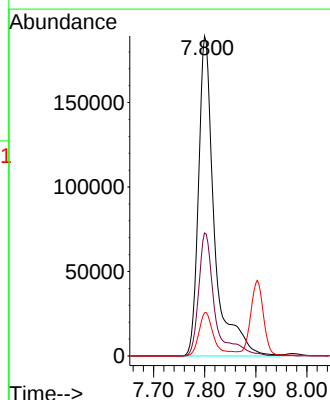
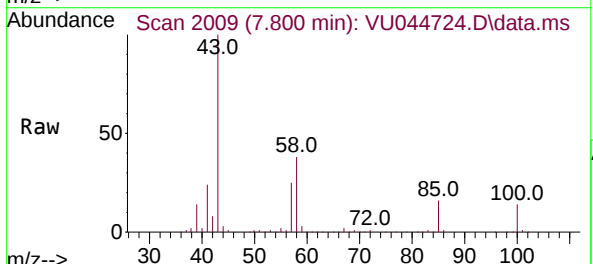
Tgt Ion: 75 Resp: 64024
Ion Ratio Lower Upper
75 100
77 31.6 21.5 39.9

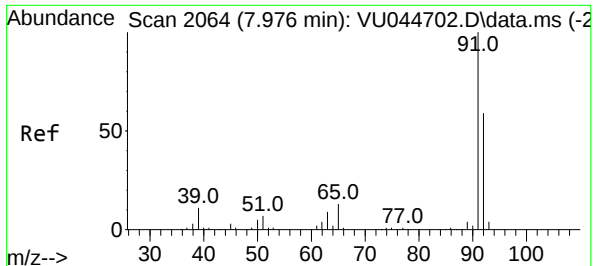


#40

4-Methyl-2-pentanone
Concen: 55.665 ug/L
RT: 7.800 min Scan# 2009
Delta R.T. -0.003 min
Lab File: VU044724.D
Acq: 20 Sep 2021 21:18

Tgt Ion: 43 Resp: 411384
Ion Ratio Lower Upper
43 100
58 39.1 31.2 46.8
100 12.9 11.4 17.0

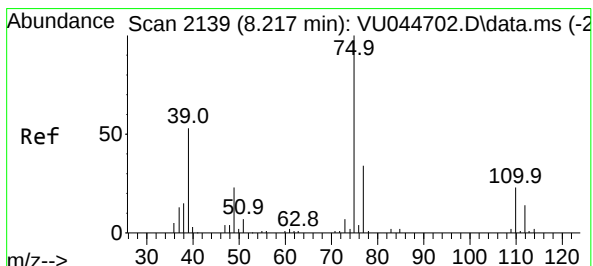
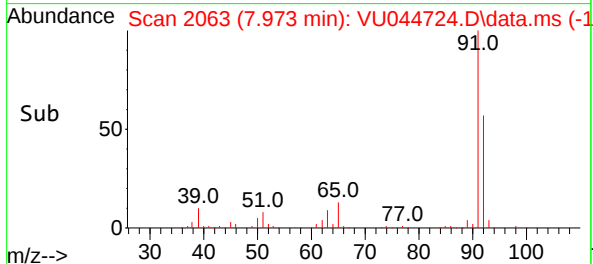
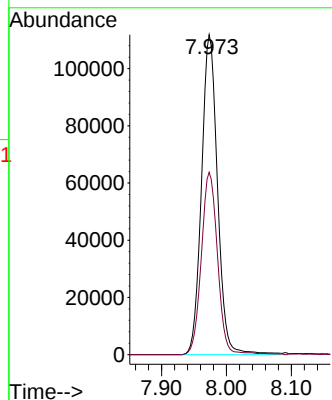
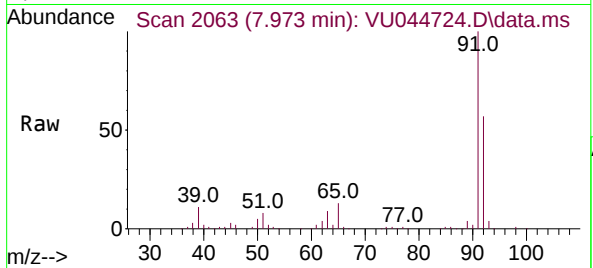




#42
Toluene
Concen: 5.204 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.003 min
Lab File: VU044724.D
Acq: 20 Sep 2021 21:18

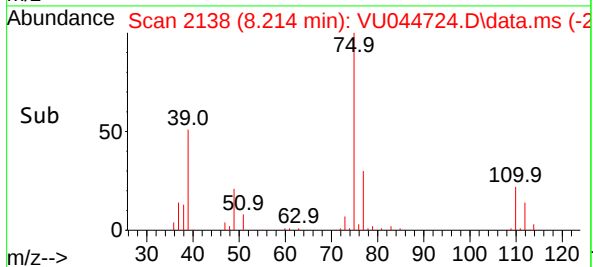
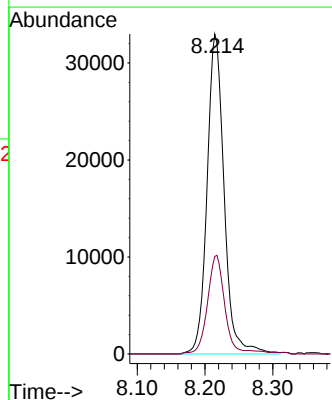
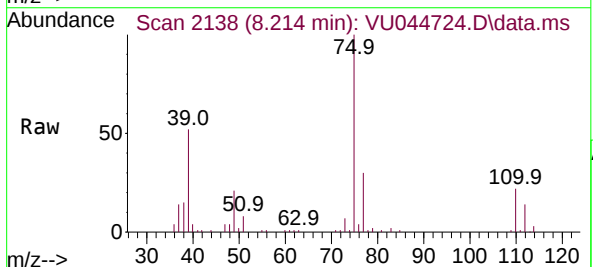
Instrument :
MSVOA_U
ClientSampleId :
VSTD005115

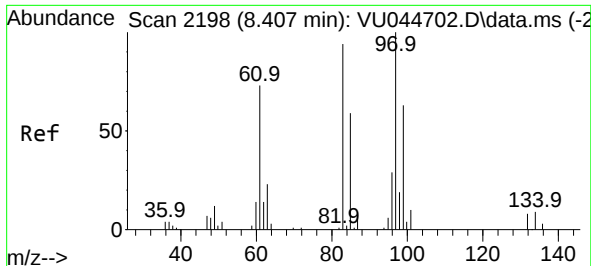
Tgt Ion: 91 Resp: 192571
Ion Ratio Lower Upper
91 100
92 57.0 41.1 76.3



#44
trans-1,3-Dichloropropene
Concen: 5.022 ug/L
RT: 8.214 min Scan# 2138
Delta R.T. -0.003 min
Lab File: VU044724.D
Acq: 20 Sep 2021 21:18

Tgt Ion: 75 Resp: 57638
Ion Ratio Lower Upper
75 100
77 30.5 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 5.361 ug/L

RT: 8.404 min Scan# 2197

Delta R.T. -0.003 min

Lab File: VU044724.D

Acq: 20 Sep 2021 21:18

Tgt Ion: 97 Resp: 36192

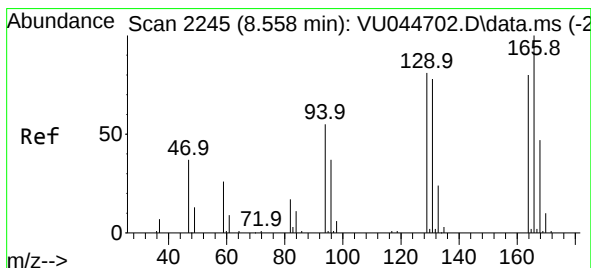
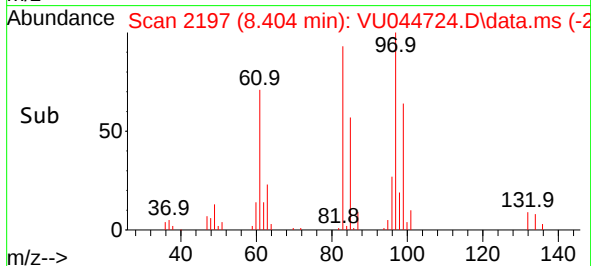
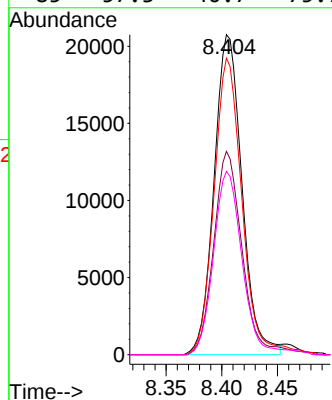
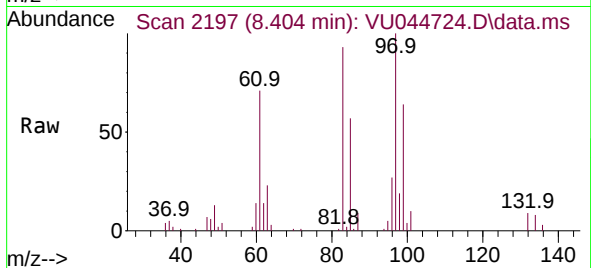
Ion Ratio Lower Upper

97 100

99 63.6 44.8 83.2

83 92.6 63.6 118.0

85 57.3 40.7 75.7



#47

Tetrachloroethene

Concen: 4.720 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.003 min

Lab File: VU044724.D

Acq: 20 Sep 2021 21:18

Tgt Ion: 164 Resp: 28749

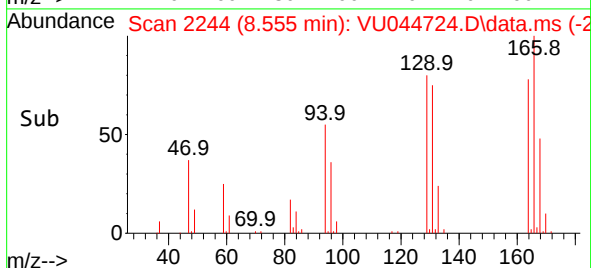
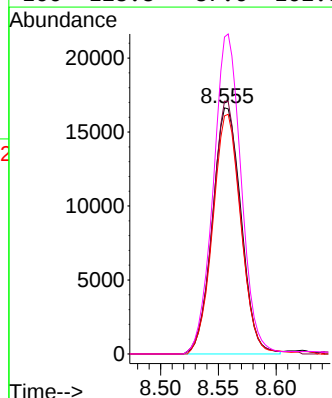
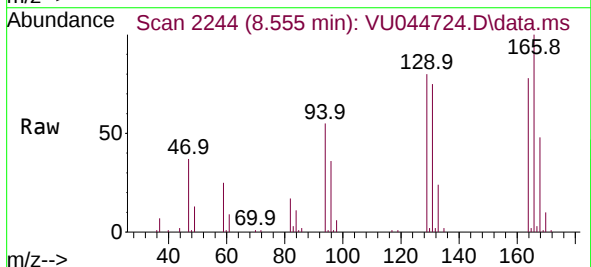
Ion Ratio Lower Upper

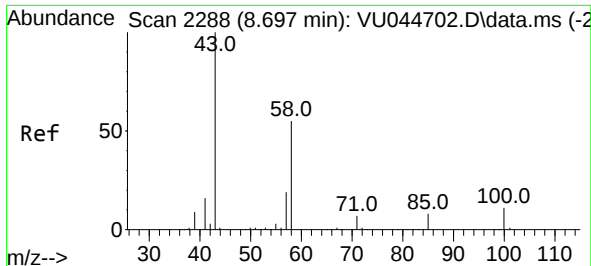
164 100

129 102.7 67.0 124.4

131 96.7 65.2 121.0

166 128.8 87.6 162.8



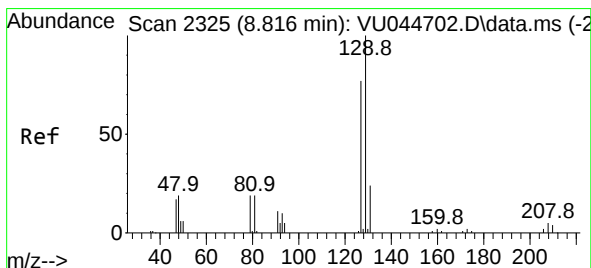
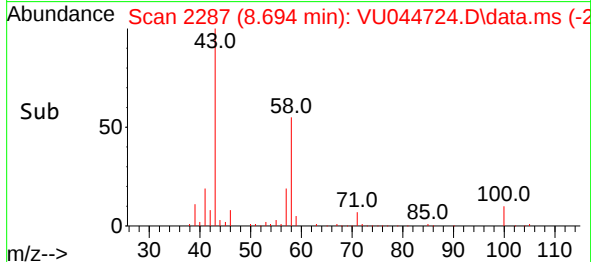
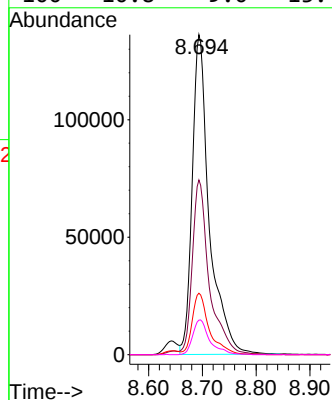
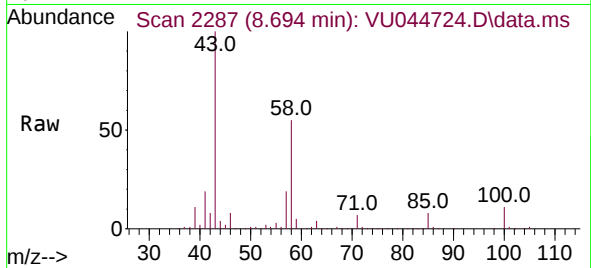


#48
2-Hexanone
Concen: 54.605 ug/L
RT: 8.694 min Scan# 2287
Delta R.T. -0.003 min
Lab File: VU044724.D
Acq: 20 Sep 2021 21:18

Instrument :
MSVOA_U
ClientSampleId :
VSTD005115

Tgt Ion: 43 Resp: 300375

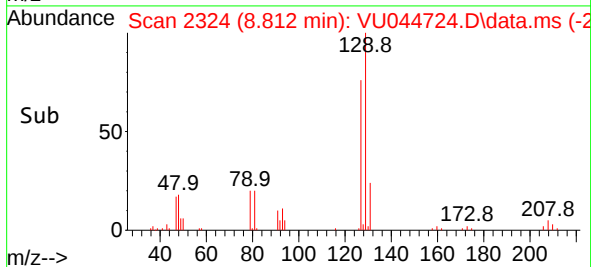
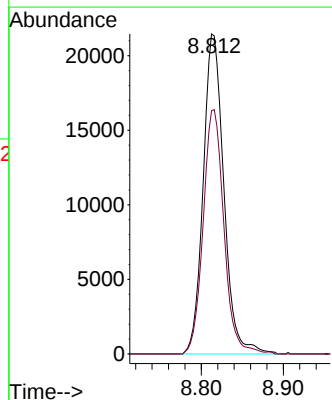
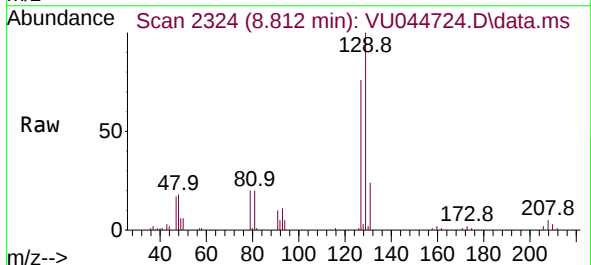
Ion	Ratio	Lower	Upper
43	100		
58	54.2	44.6	66.8
57	19.3	14.8	22.2
100	10.8	9.0	13.4

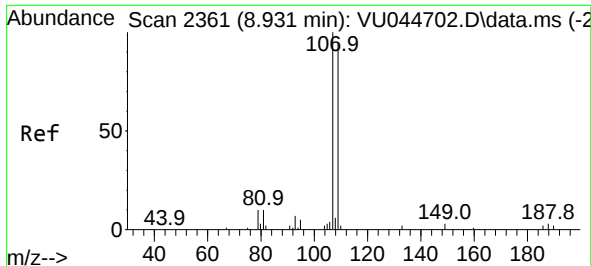


#49
Dibromochloromethane
Concen: 5.297 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.003 min
Lab File: VU044724.D
Acq: 20 Sep 2021 21:18

Tgt Ion: 129 Resp: 37572

Ion	Ratio	Lower	Upper
129	100		
127	76.0	53.3	99.1





#50

1,2-Dibromoethane

Concen: 5.313 ug/L

RT: 8.928 min Scan# 2360

Delta R.T. -0.003 min

Lab File: VU044724.D

Acq: 20 Sep 2021 21:18

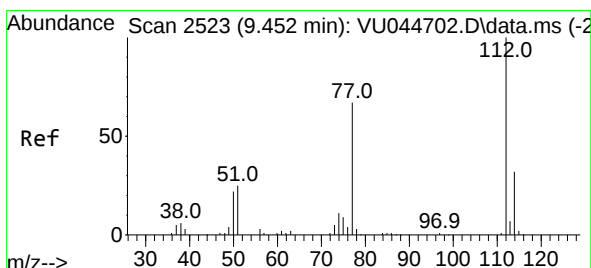
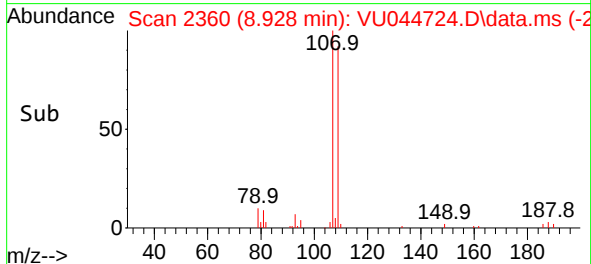
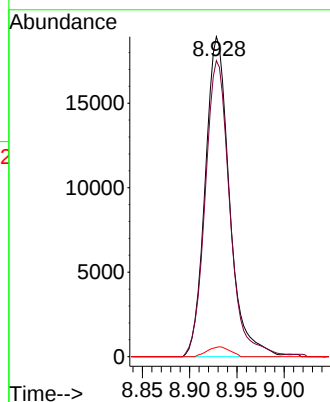
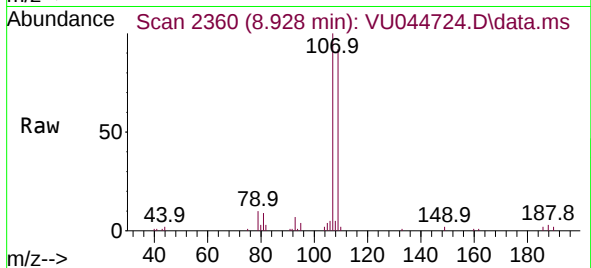
Instrument :

MSVOA_U

ClientSampleId :

VSTD005115

Tgt Ion:	107	Resp:	33765
Ion	Ratio	Lower	Upper
107	100		
109	92.5	65.5	121.7
188	2.9	3.0	4.4#



#51

Chlorobenzene

Concen: 4.965 ug/L

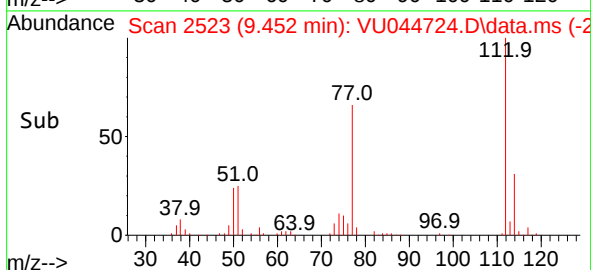
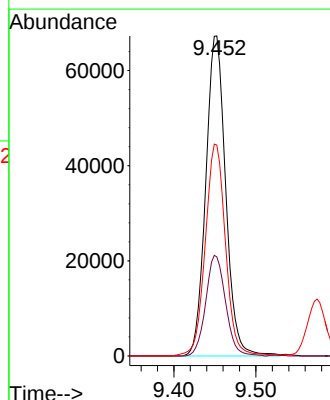
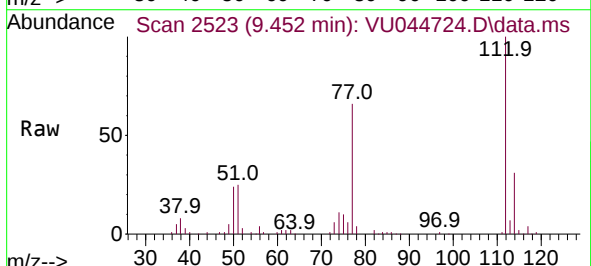
RT: 9.452 min Scan# 2523

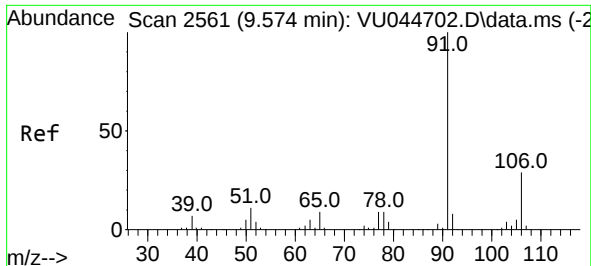
Delta R.T. 0.000 min

Lab File: VU044724.D

Acq: 20 Sep 2021 21:18

Tgt Ion:	112	Resp:	113907
Ion	Ratio	Lower	Upper
112	100		
114	30.9	22.8	42.4
77	65.9	51.4	77.0

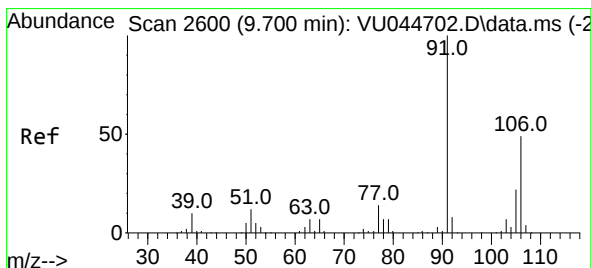
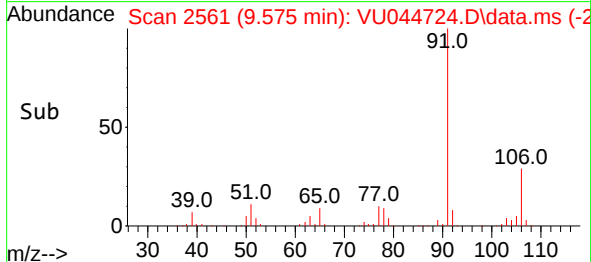
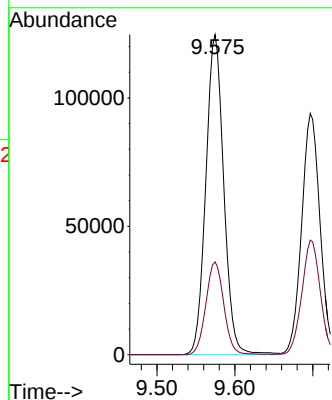
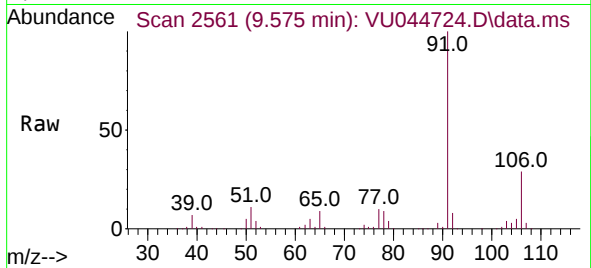




#52
Ethylbenzene
Concen: 4.969 ug/L
RT: 9.575 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU044724.D
Acq: 20 Sep 2021 21:18

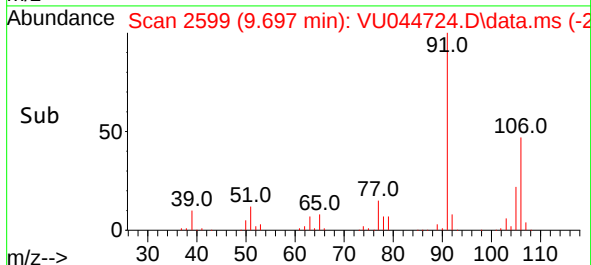
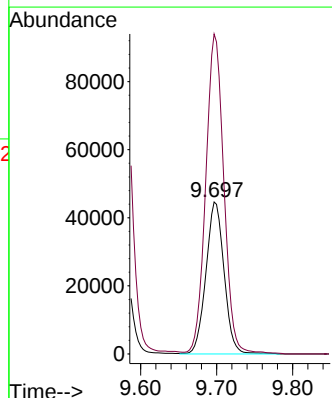
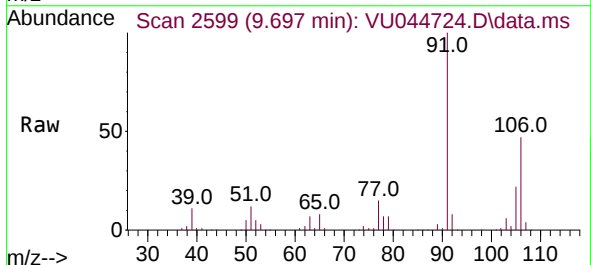
Instrument :
MSVOA_U
ClientSampleId :
VSTD005115

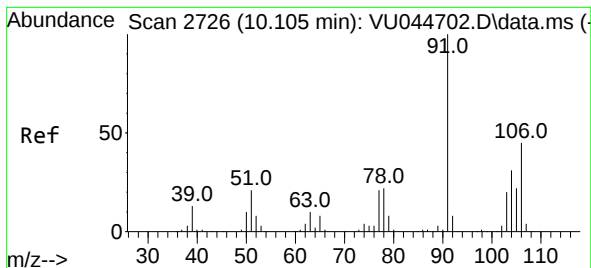
Tgt Ion: 91 Resp: 199162
Ion Ratio Lower Upper
91 100
106 29.0 21.1 39.1



#53
m,p-Xylene
Concen: 4.864 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.003 min
Lab File: VU044724.D
Acq: 20 Sep 2021 21:18

Tgt Ion: 106 Resp: 74136
Ion Ratio Lower Upper
106 100
91 210.6 144.6 268.6





#54

o-Xylene

Concen: 5.025 ug/L

RT: 10.105 min Scan# 2726

Delta R.T. 0.000 min

Lab File: VU044724.D

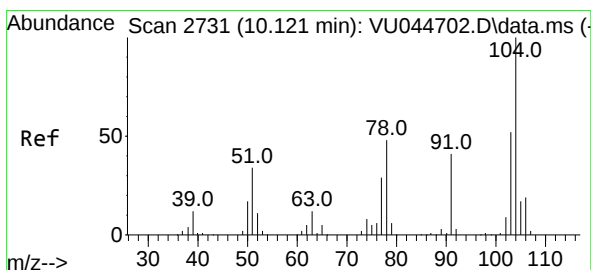
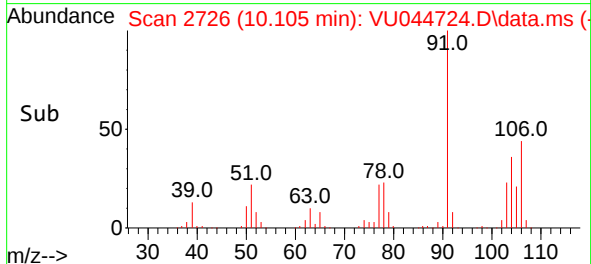
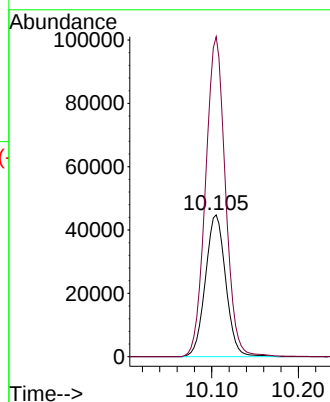
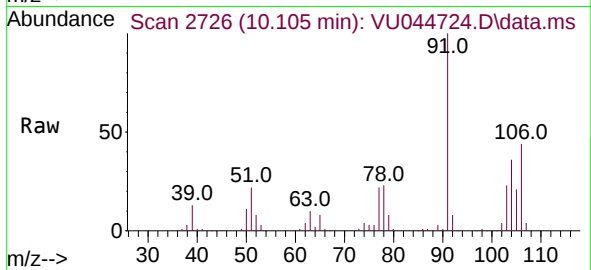
Acq: 20 Sep 2021 21:18

Tgt Ion:106 Resp: 73171

Ion Ratio Lower Upper

106 100

91 225.6 156.2 290.0



#55

Styrene

Concen: 5.057 ug/L

RT: 10.118 min Scan# 2730

Delta R.T. -0.003 min

Lab File: VU044724.D

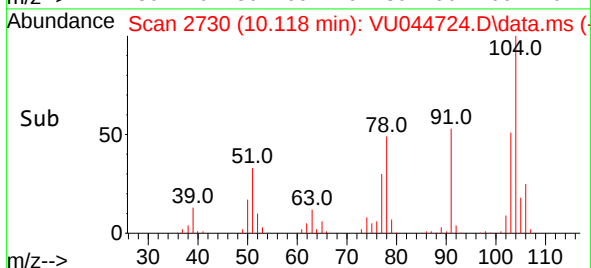
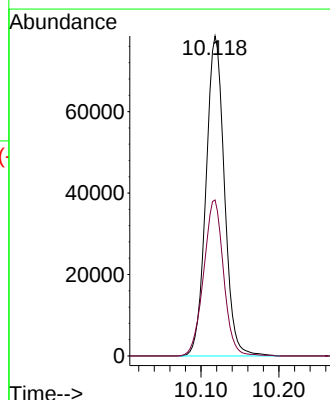
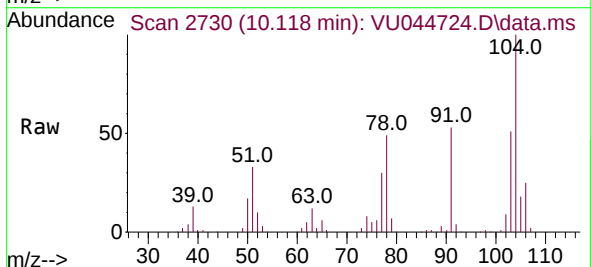
Acq: 20 Sep 2021 21:18

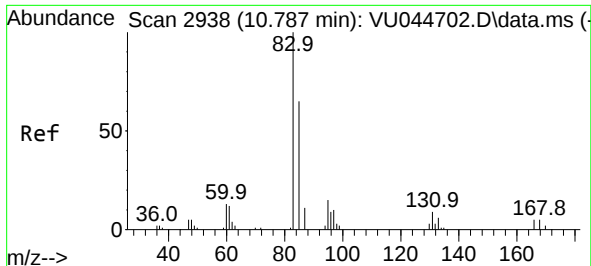
Tgt Ion:104 Resp: 128882

Ion Ratio Lower Upper

104 100

78 48.7 33.6 62.4

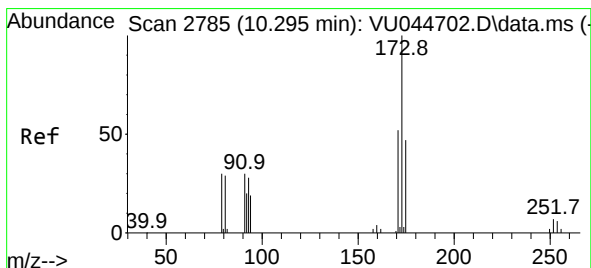
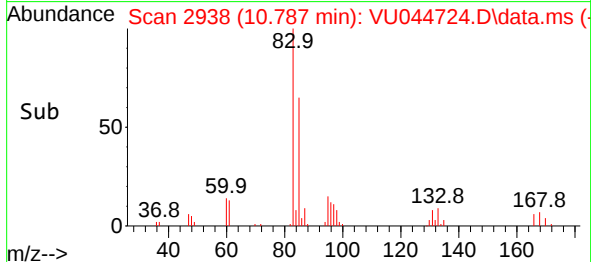
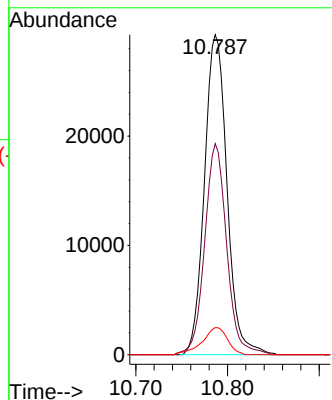
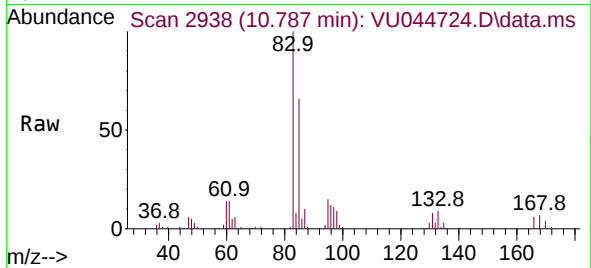




#57
1,1,2,2-Tetrachloroethane
Concen: 5.516 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. 0.000 min
Lab File: VU044724.D
Acq: 20 Sep 2021 21:18

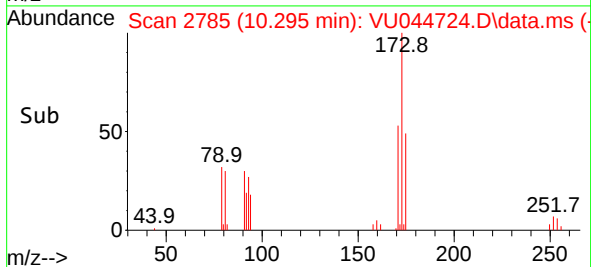
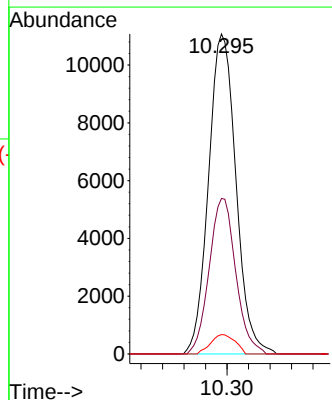
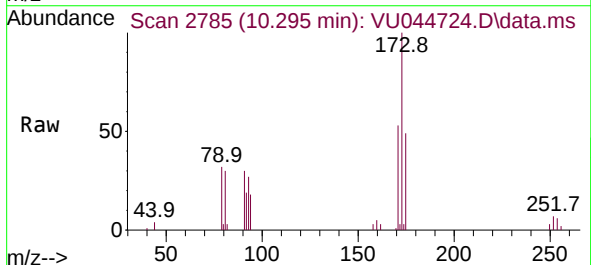
Instrument :
MSVOA_U
ClientSampleId :
VSTD005115

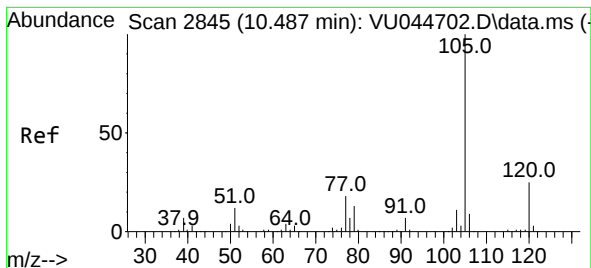
Tgt Ion:	83	Resp:	49999
Ion	Ratio	Lower	Upper
83	100		
85	65.9	44.5	82.7
131	8.5	6.6	10.0



#59
Bromoform
Concen: 5.358 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. 0.000 min
Lab File: VU044724.D
Acq: 20 Sep 2021 21:18

Tgt Ion:	173	Resp:	19621
Ion	Ratio	Lower	Upper
173	100		
175	47.1	38.8	58.2
254	5.4	4.9	7.3





#60

Isopropylbenzene

Concen: 5.146 ug/L

RT: 10.488 min Scan# 2845

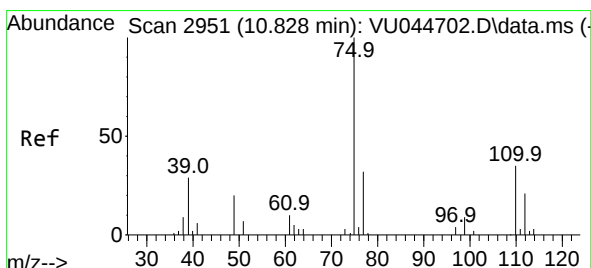
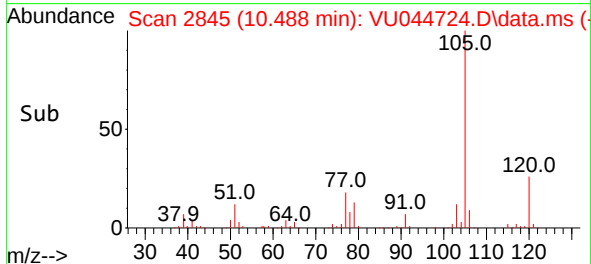
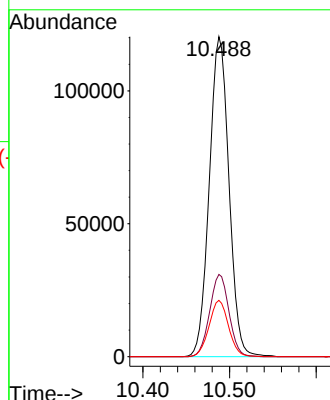
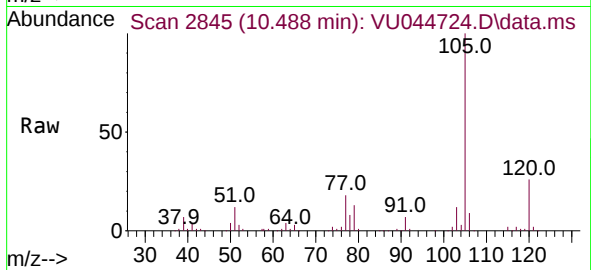
Delta R.T. 0.000 min

Lab File: VU044724.D

Acq: 20 Sep 2021 21:18

Tgt Ion:	105	Resp:	189787
Ion Ratio	Lower	Upper	
105	100		
120	25.2	20.2	30.2
77	17.5	13.6	20.4

Instrument :
MSVOA_U
ClientSampleId :
VSTD005115



#61

1,2,3-Trichloropropane

Concen: 5.633 ug/L

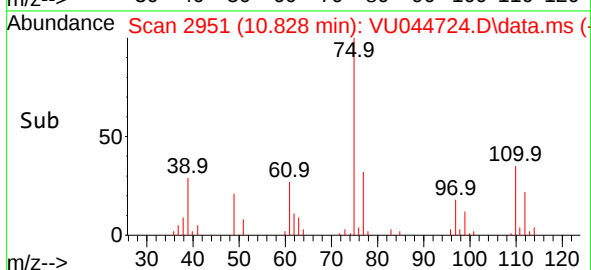
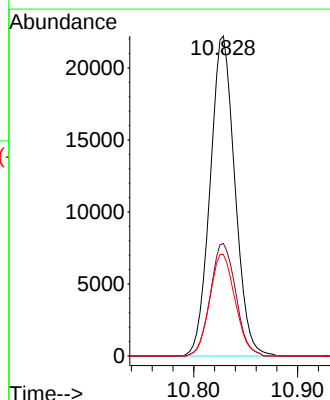
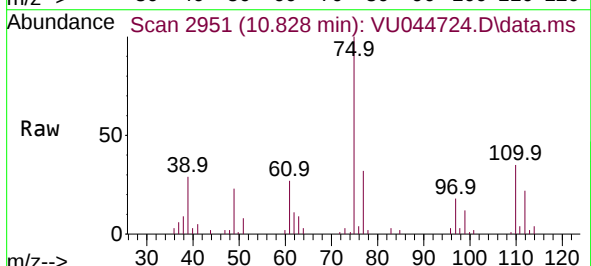
RT: 10.828 min Scan# 2951

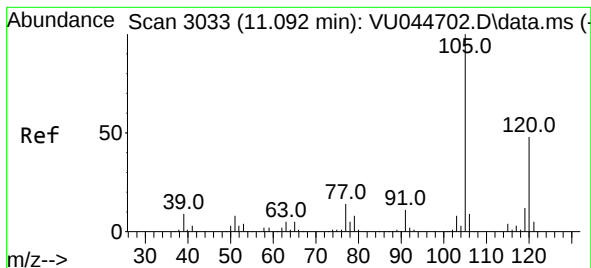
Delta R.T. 0.000 min

Lab File: VU044724.D

Acq: 20 Sep 2021 21:18

Tgt Ion:	75	Resp:	36671
Ion Ratio	Lower	Upper	
75	100		
110	36.0	28.8	43.2
77	32.8	25.9	38.9

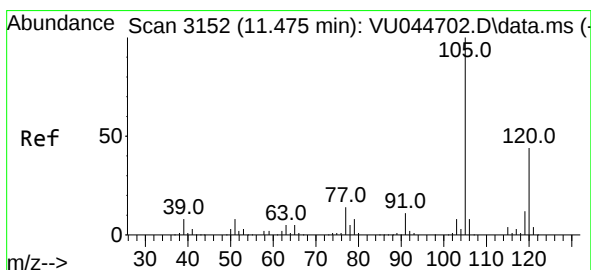
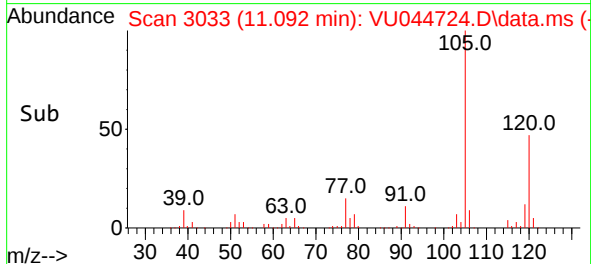
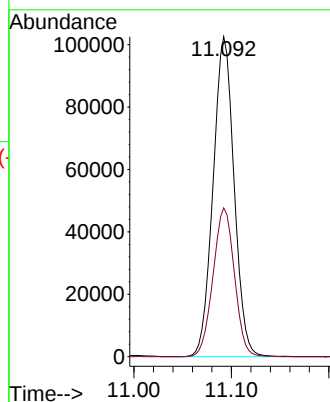
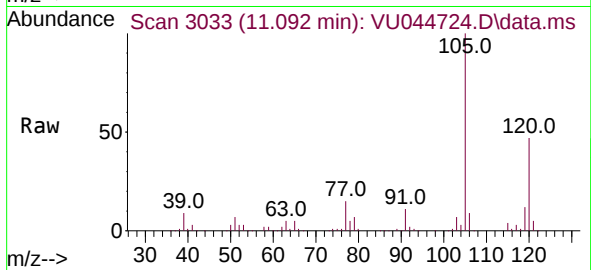




#62
1,3,5-Trimethylbenzene
Concen: 5.014 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU044724.D
Acq: 20 Sep 2021 21:18

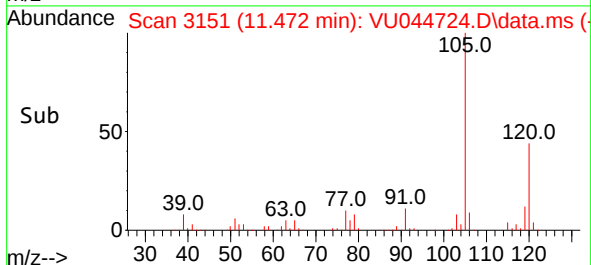
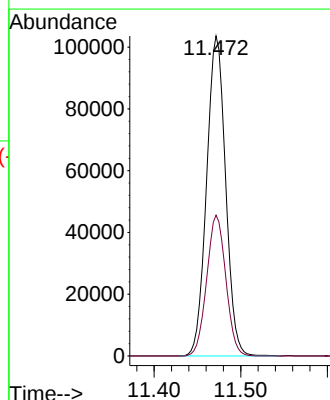
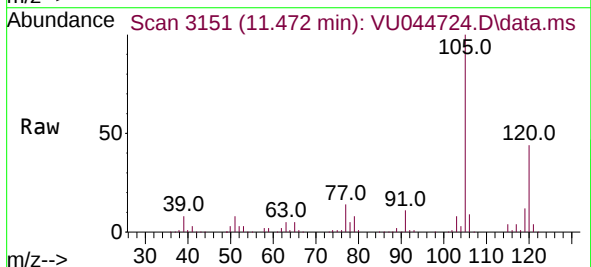
Instrument :
MSVOA_U
ClientSampleId :
VSTD005115

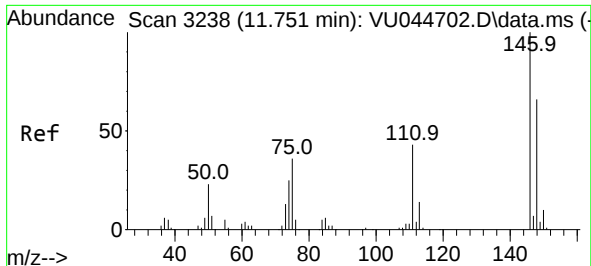
Tgt Ion:105 Resp: 153583
Ion Ratio Lower Upper
105 100
120 47.3 38.2 57.2



#63
1,2,4-Trimethylbenzene
Concen: 5.023 ug/L
RT: 11.472 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VU044724.D
Acq: 20 Sep 2021 21:18

Tgt Ion:105 Resp: 158004
Ion Ratio Lower Upper
105 100
120 44.2 35.4 53.2

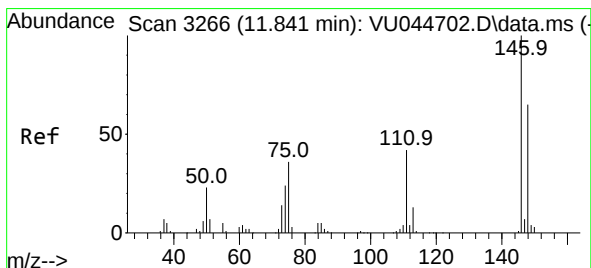
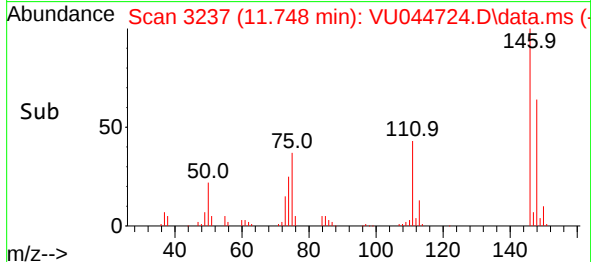
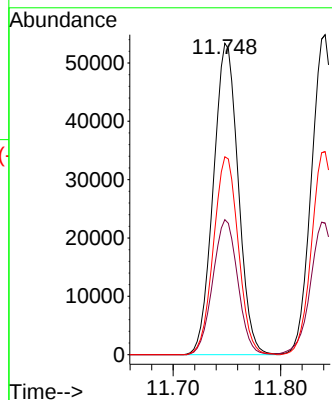
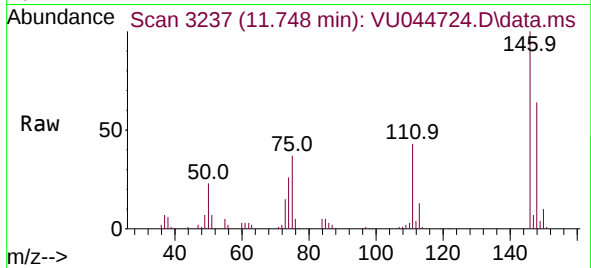




#64
1,3-Dichlorobenzene
Concen: 4.998 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. -0.003 min
Lab File: VU044724.D
Acq: 20 Sep 2021 21:18

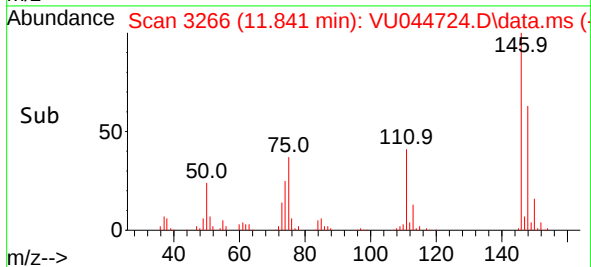
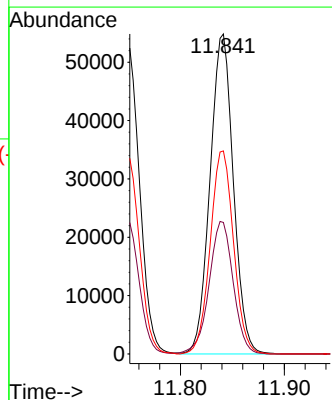
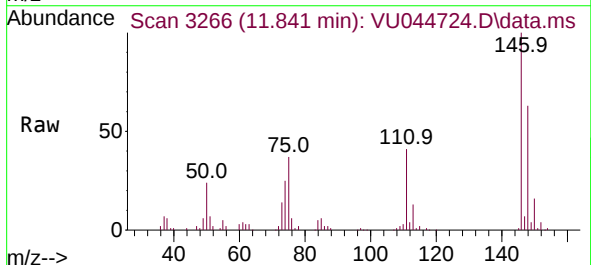
Instrument :
MSVOA_U
ClientSampleId :
VSTD005115

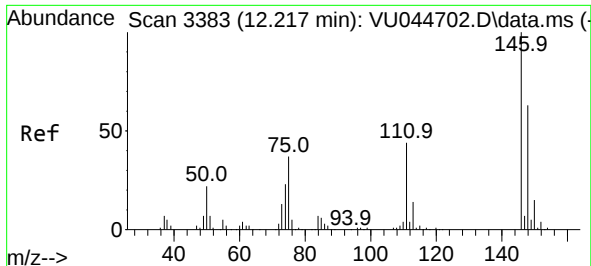
Tgt Ion:146 Resp: 85948
Ion Ratio Lower Upper
146 100
111 43.4 29.8 55.4
148 63.5 45.2 84.0



#65
1,4-Dichlorobenzene
Concen: 4.819 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. 0.000 min
Lab File: VU044724.D
Acq: 20 Sep 2021 21:18

Tgt Ion:146 Resp: 85486
Ion Ratio Lower Upper
146 100
111 41.1 28.7 53.3
148 63.4 45.4 84.4

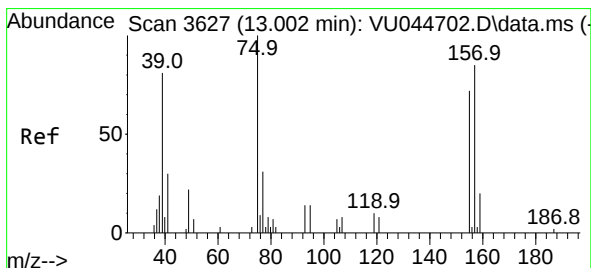
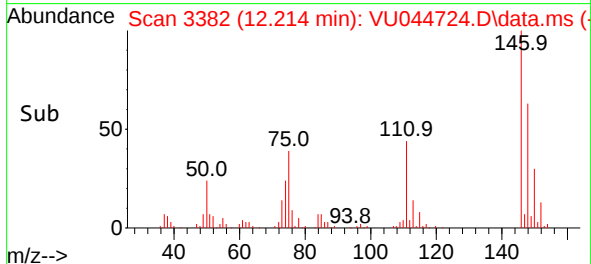
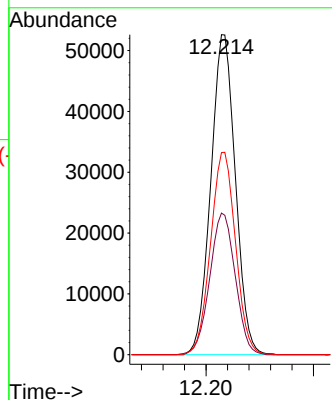
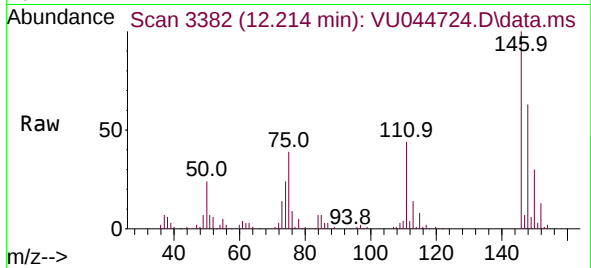




#67
1,2-Dichlorobenzene
Concen: 5.120 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. -0.003 min
Lab File: VU044724.D
Acq: 20 Sep 2021 21:18

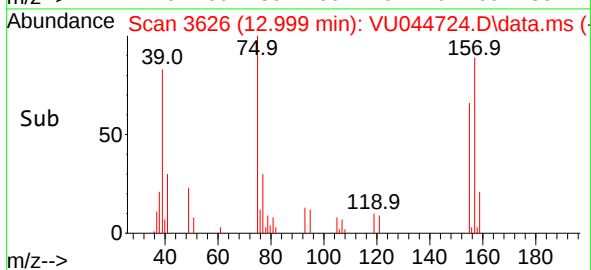
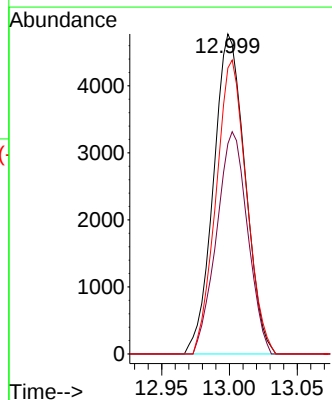
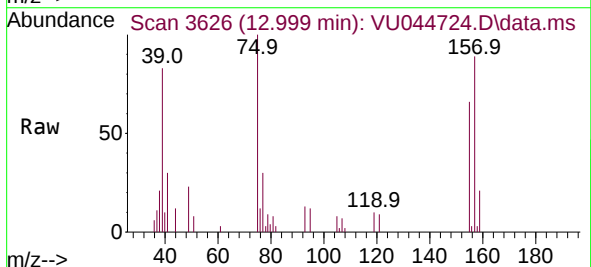
Instrument :
MSVOA_U
ClientSampleId :
VSTD005115

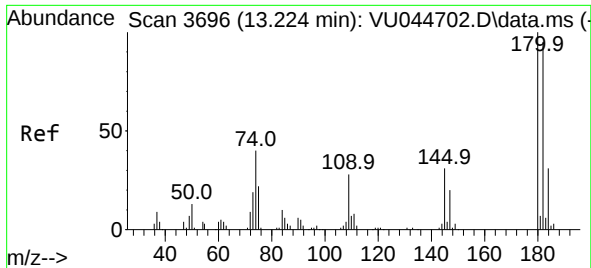
Tgt Ion:146 Resp: 83565
Ion Ratio Lower Upper
146 100
111 44.2 34.6 51.8
148 63.2 51.3 76.9



#68
1,2-Dibromo-3-chloropropane
Concen: 5.416 ug/L
RT: 12.999 min Scan# 3626
Delta R.T. -0.003 min
Lab File: VU044724.D
Acq: 20 Sep 2021 21:18

Tgt Ion: 75 Resp: 7754
Ion Ratio Lower Upper
75 100
155 65.7 54.0 81.0
157 89.3 65.4 98.2

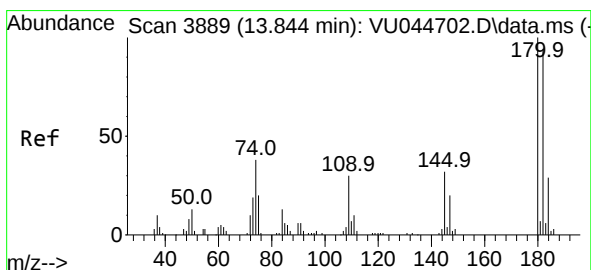
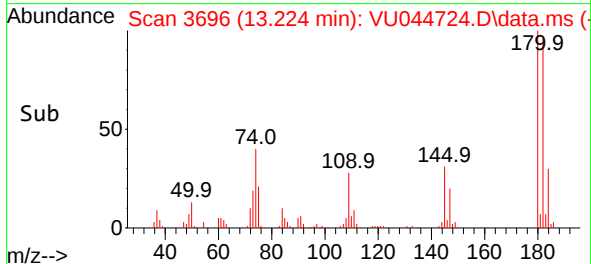
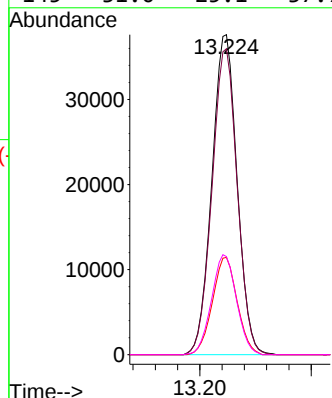
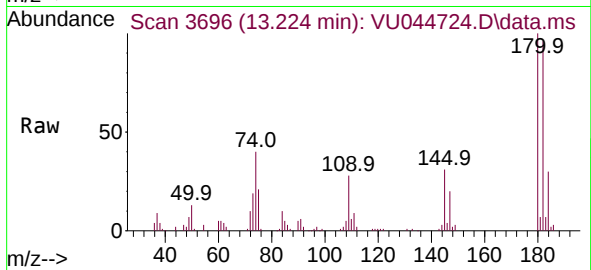




#69
 1,3,5-Trichlorobenzene
 Concen: 4.516 ug/L
 RT: 13.224 min Scan# 3696
 Delta R.T. 0.000 min
 Lab File: VU044724.D
 Acq: 20 Sep 2021 21:18

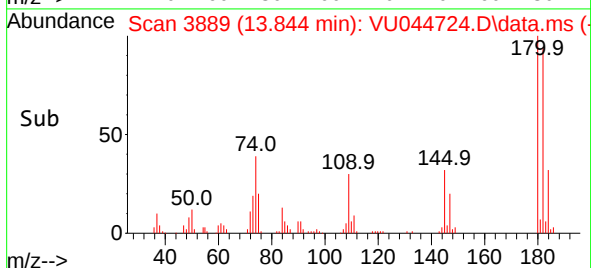
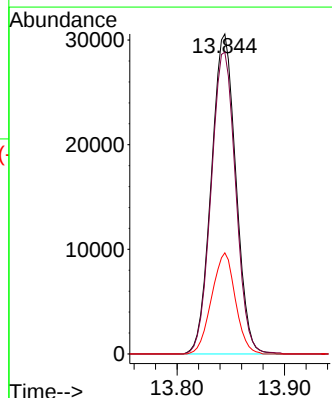
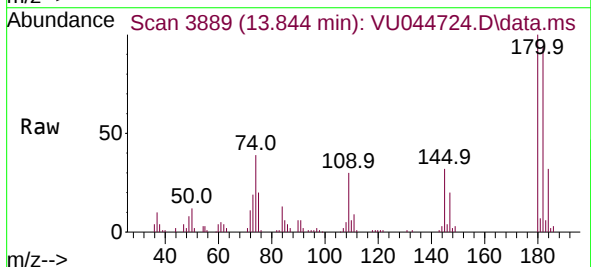
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005115

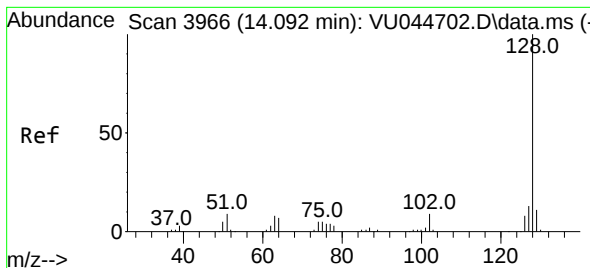
Tgt Ion:	180	Resp:	59030
Ion Ratio	Lower	Upper	
180	100		
182	95.7	76.9	115.3
184	29.9	24.1	36.1
145	31.0	25.1	37.7



#70
 1,2,4-trichlorobenzene
 Concen: 4.398 ug/L
 RT: 13.844 min Scan# 3889
 Delta R.T. 0.000 min
 Lab File: VU044724.D
 Acq: 20 Sep 2021 21:18

Tgt Ion:	180	Resp:	48496
Ion Ratio	Lower	Upper	
180	100		
182	94.2	75.4	113.0
145	30.6	25.2	37.8

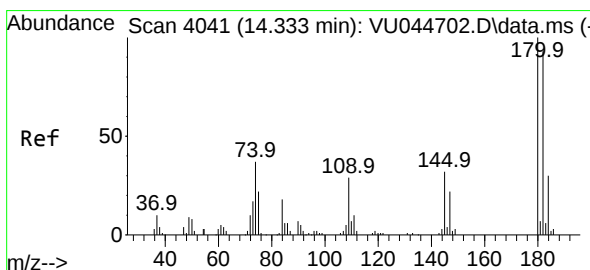
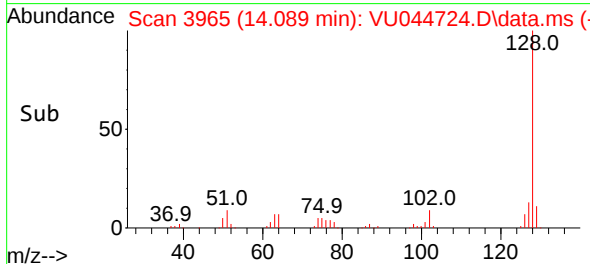
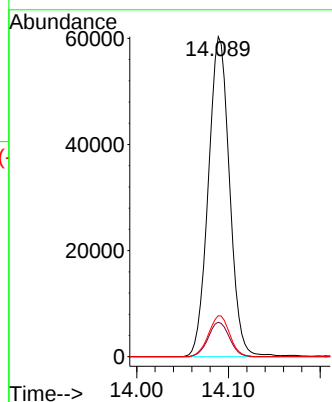
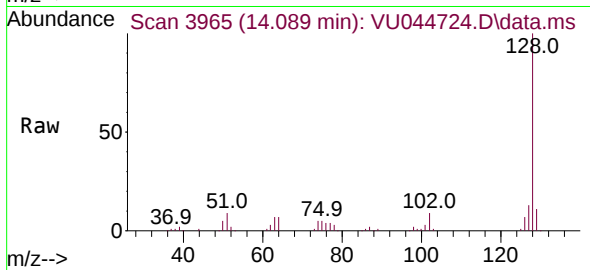




#71
Naphthalene
Concen: 4.499 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VU044724.D
Acq: 20 Sep 2021 21:18

Instrument :
MSVOA_U
ClientSampleId :
VSTD005115

Tgt Ion:128 Resp: 96783
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 12.8 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 4.734 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VU044724.D
Acq: 20 Sep 2021 21:18

Tgt Ion:180 Resp: 48047
Ion Ratio Lower Upper
180 100
182 94.1 75.9 113.9
145 33.3 27.0 40.6

