

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072222\
 Data File : VU049843.D
 Acq On : 22 Jul 2022 10:38
 Operator : SY/MD
 Sample : VSTD001
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001039

Quant Time: Jul 23 00:38:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 23 00:37:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	90425	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	89589	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	45057	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	7182	0.925	ug/L	0.00
7) Chloroethane-d5	1.912	69	5975	1.097	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.562	65	3138	0.984	ug/L	0.00
20) 2-Butanone-d5	4.652	46	24449	10.977	ug/L	0.01
24) Chloroform-d	5.063	84	14858	1.134	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.703	65	9356	1.294	ug/L	0.00
32) Benzene-d6	5.729	84	28273	1.027	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.694	67	9748	1.035	ug/L	0.00
41) Toluene-d8	7.899	98	24971	1.012	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.185	79	3432	0.856	ug/L	0.00
46) 2-Hexanone-d5	8.639	63	12083	7.449	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	8121	1.063	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	8988	1.040	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	9854	1.183	ug/L	94
3) Chloromethane	1.520	50	10586	1.170	ug/L	93
5) Vinyl chloride	1.601	62	9521	1.177	ug/L	97
6) Bromomethane	1.858	94	4714	1.072	ug/L	94
8) Chloroethane	1.932	64	5659	1.214	ug/L	98
9) Trichlorofluoromethane	2.138	101	12475	1.285	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	5883	1.064	ug/L	96
12) 1,1-Dichloroethene	2.578	96	6128	1.154	ug/L	87
13) Acetone	2.658	43	14729	12.728	ug/L	97
14) Carbon disulfide	2.790	76	17427	1.010	ug/L	99
15) Methyl Acetate	2.964	43	3456	1.177	ug/L	98
16) Methylene chloride	3.041	84	17165	2.275	ug/L	91
17) Methyl tert-butyl Ether	3.366	73	17213	1.078	ug/L	97
18) trans-1,2-Dichloroethene	3.356	96	6337	1.073	ug/L	95
19) 1,1-Dichloroethane	3.871	63	13955	1.178	ug/L	97
21) 2-Butanone	4.735	43	24684	11.475	ug/L	96
22) cis-1,2-Dichloroethene	4.665	96	7194	1.082	ug/L	90
23) Bromochloromethane	4.977	128	3070	1.074	ug/L	86
25) Chloroform	5.089	83	14407	1.196	ug/L	99
27) 1,2-Dichloroethane	5.800	62	10096	1.262	ug/L	96
29) 1,1,1-Trichloroethane	5.317	97	11030	0.987	ug/L	98
30) Cyclohexane	5.385	56	9823	0.815	ug/L	96
31) Carbon tetrachloride	5.526	117	9231	0.985	ug/L	94
33) Benzene	5.774	78	28825	1.039	ug/L	100
34) Trichloroethene	6.546	95	7233	1.029	ug/L	90
35) Methylcyclohexane	6.764	83	8599	0.759	ug/L	96
37) 1,2-Dichloropropane	6.793	63	8392	1.095	ug/L	99
38) Bromodichloromethane	7.105	83	10585	1.128	ug/L	91
39) cis-1,3-Dichloropropene	7.610	75	10463	0.926	ug/L	89
40) 4-Methyl-2-pentanone	7.796	43	56157	9.896	ug/L	96
42) Toluene	7.970	91	26903	0.918	ug/L	98
44) trans-1,3-Dichloropropene	8.214	75	8979	0.917	ug/L	98

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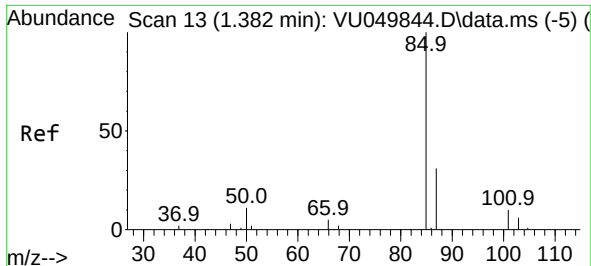
Instrument :
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Quant Time: Jul 23 00:38:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.401	97	6365	1.178	ug/L	91
47) Tetrachloroethene	8.555	164	4885	0.996	ug/L	96
48) 2-Hexanone	8.690	43	40849	9.927	ug/L	95
49) Dibromochloromethane	8.812	129	6736	1.100	ug/L	95
50) 1,2-Dibromoethane	8.925	107	5259	1.067	ug/L	99
51) Chlorobenzene	9.449	112	18163	1.020	ug/L	98
52) Ethylbenzene	9.571	91	28147	0.894	ug/L	96
53) m,p-Xylene	9.697	106	10086	0.867	ug/L	88
54) o-Xylene	10.102	106	9771	0.846	ug/L	94
55) Styrene	10.118	104	16031	0.828	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	8236	1.159	ug/L	90
59) Bromoform	10.291	173	3767	1.092	ug/L #	94
60) Isopropylbenzene	10.484	105	24667	0.807	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	5345	1.014	ug/L #	93
62) 1,3,5-Trimethylbenzene	11.089	105	19682	0.737	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	18605	0.710	ug/L	97
64) 1,3-Dichlorobenzene	11.748	146	13029	0.967	ug/L	94
65) 1,4-Dichlorobenzene	11.838	146	13601	1.030	ug/L	92
67) 1,2-Dichlorobenzene	12.214	146	13322	1.044	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	1121	0.817	ug/L #	88
69) 1,3,5-Trichlorobenzene	13.217	180	9668	0.977	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	7522	0.949	ug/L	99
71) Naphthalene	14.089	128	14164	0.907	ug/L	95
72) 1,2,3-Trichlorobenzene	14.330	180	6948	0.923	ug/L	91

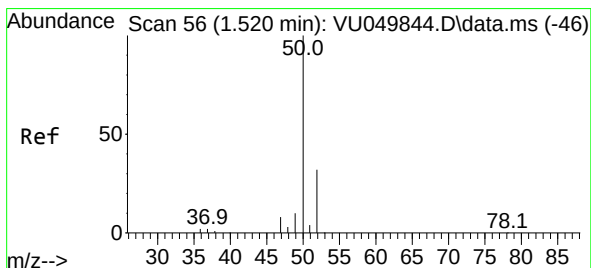
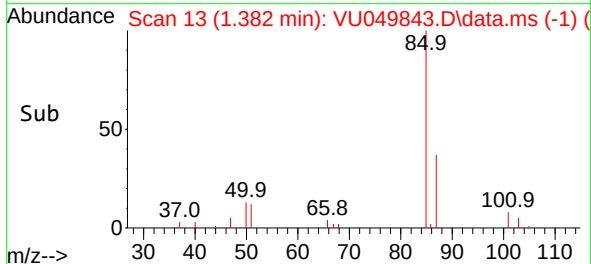
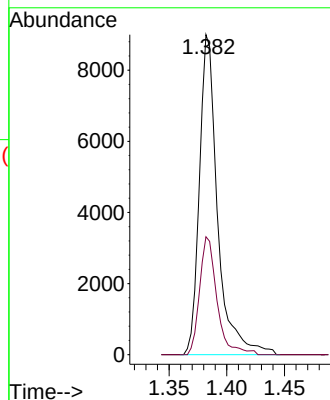
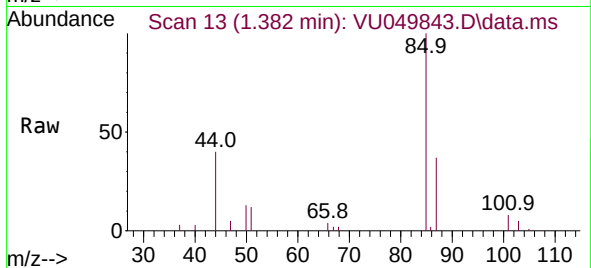
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 1.183 ug/L
RT: 1.382 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU049843.D
Acq: 22 Jul 2022 10:38

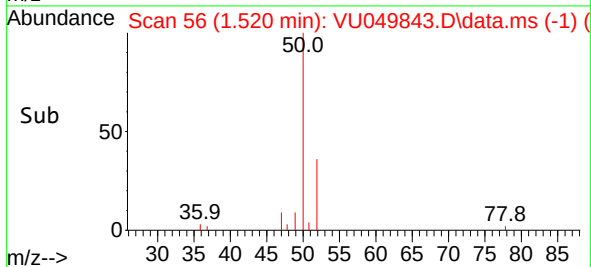
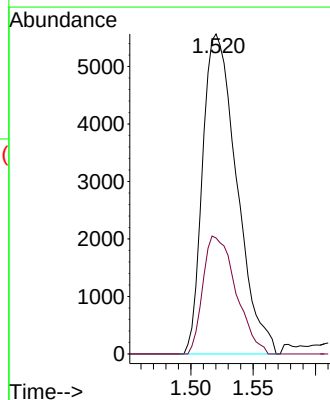
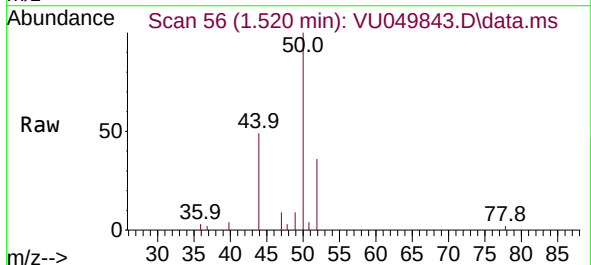
Instrument :
MSVOA_U
ClientSampleId :
VSTD001039

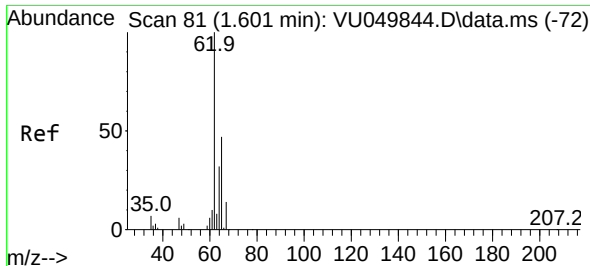
Tgt Ion: 85 Resp: 9854
Ion Ratio Lower Upper
85 100
87 35.2 25.4 38.2



#3
Chloromethane
Concen: 1.170 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU049843.D
Acq: 22 Jul 2022 10:38

Tgt Ion: 50 Resp: 10586
Ion Ratio Lower Upper
50 100
52 36.3 22.5 41.7

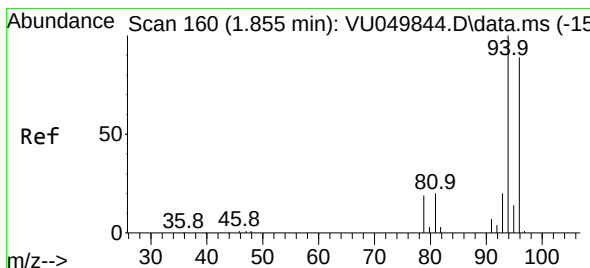
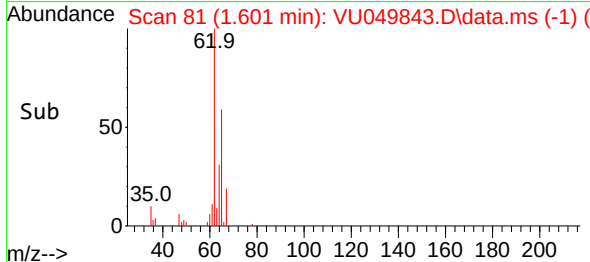
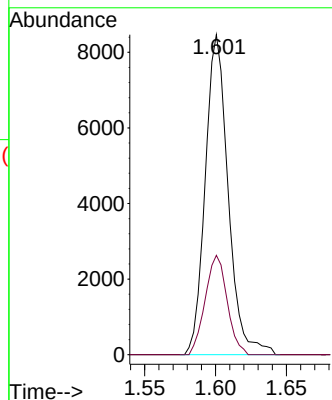
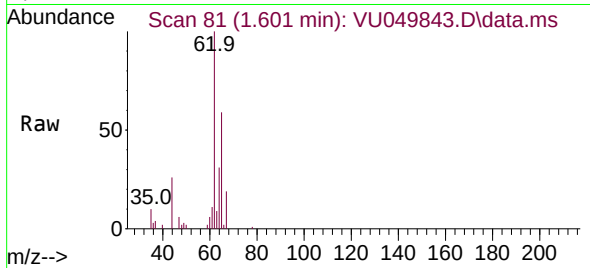




#5
 Vinyl chloride
 Concen: 1.177 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU049843.D
 Acq: 22 Jul 2022 10:38

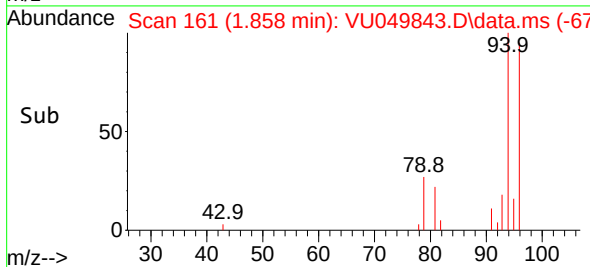
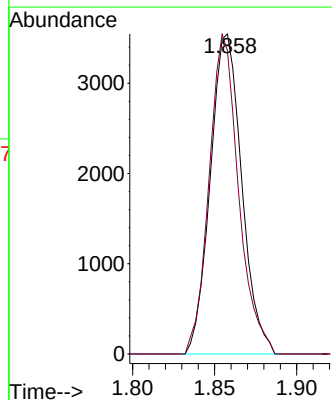
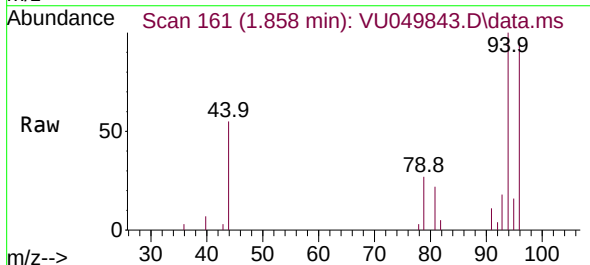
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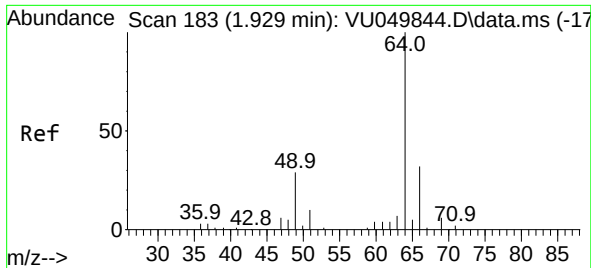
Tgt Ion: 62 Resp: 9521
 Ion Ratio Lower Upper
 62 100
 64 31.1 22.7 42.3



#6
 Bromomethane
 Concen: 1.072 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. 0.003 min
 Lab File: VU049843.D
 Acq: 22 Jul 2022 10:38

Tgt Ion: 94 Resp: 4714
 Ion Ratio Lower Upper
 94 100
 96 94.8 62.6 116.3

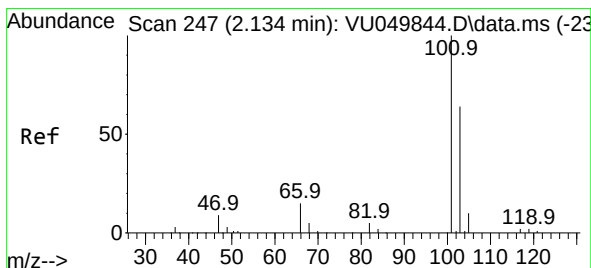
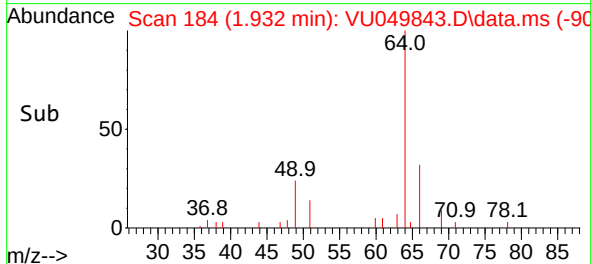
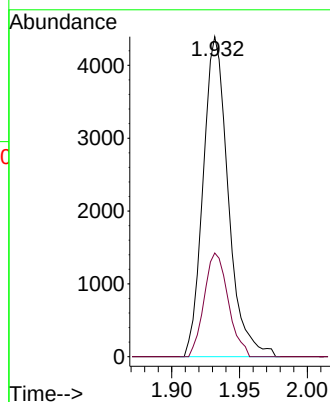
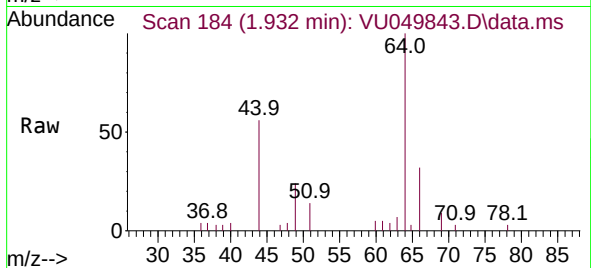




#8
Chloroethane
Concen: 1.214 ug/L
RT: 1.932 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049843.D
Acq: 22 Jul 2022 10:38

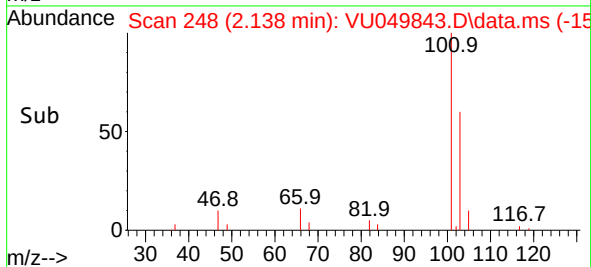
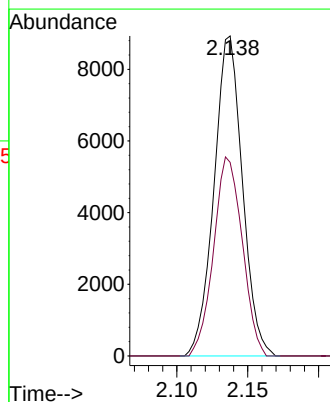
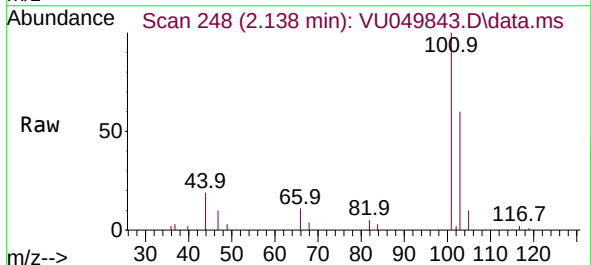
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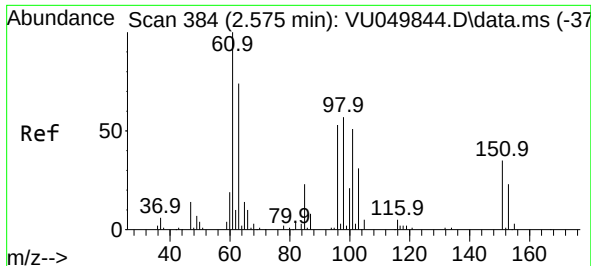
Tgt Ion: 64 Resp: 5659
Ion Ratio Lower Upper
64 100
66 31.3 22.7 42.3



#9
Trichlorofluoromethane
Concen: 1.285 ug/L
RT: 2.138 min Scan# 248
Delta R.T. 0.003 min
Lab File: VU049843.D
Acq: 22 Jul 2022 10:38

Tgt Ion:101 Resp: 12475
Ion Ratio Lower Upper
101 100
103 62.6 50.8 76.2

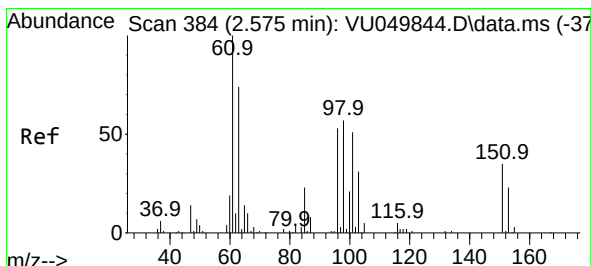
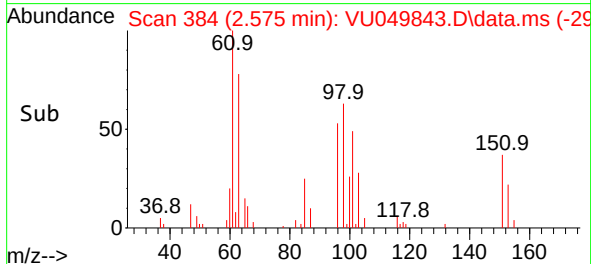
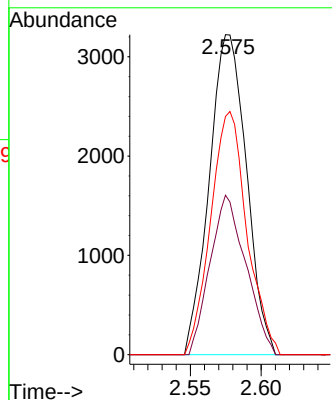
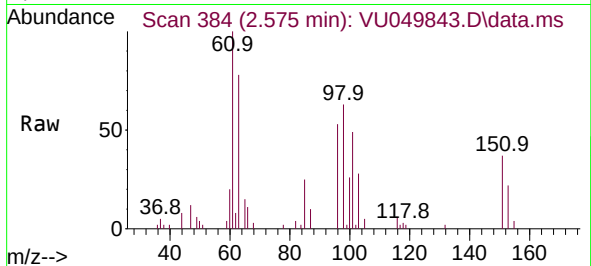




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.064 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.000 min
 Lab File: VU049843.D
 Acq: 22 Jul 2022 10:38

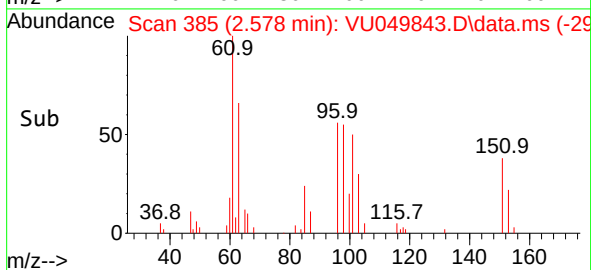
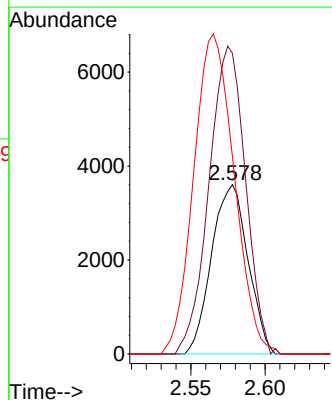
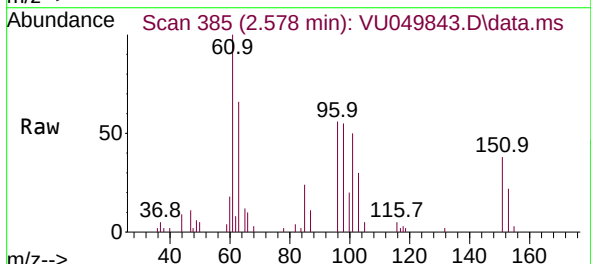
Instrument :
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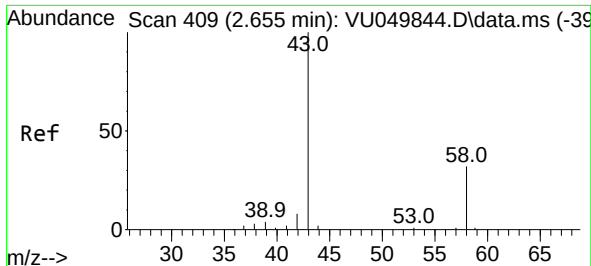
Tgt Ion:101 Resp: 5883
 Ion Ratio Lower Upper
 101 100
 85 48.1 37.2 55.8
 151 74.1 56.0 84.0



#12
 1,1-Dichloroethene
 Concen: 1.154 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.003 min
 Lab File: VU049843.D
 Acq: 22 Jul 2022 10:38

Tgt Ion: 96 Resp: 6128
 Ion Ratio Lower Upper
 96 100
 61 177.7 131.6 244.4
 63 116.9 100.0 185.6





#13

Acetone

Concen: 12.728 ug/L

RT: 2.658 min Scan# 410

Delta R.T. 0.003 min

Lab File: VU049843.D

Acq: 22 Jul 2022 10:38

Instrument :

MSVOA_U

ClientSampleId :

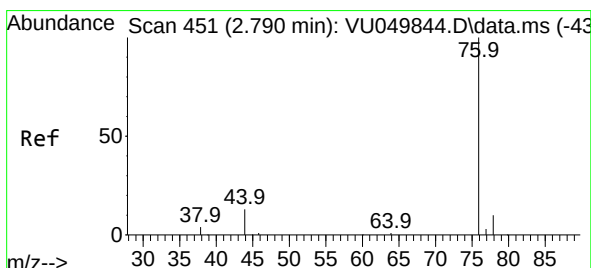
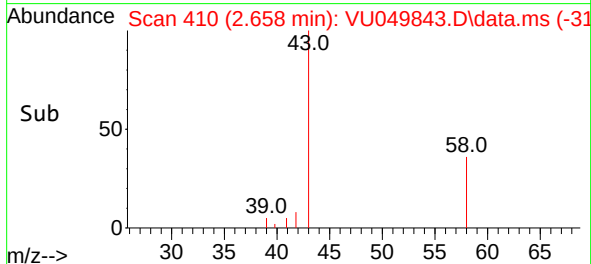
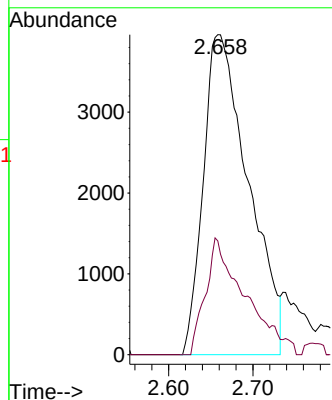
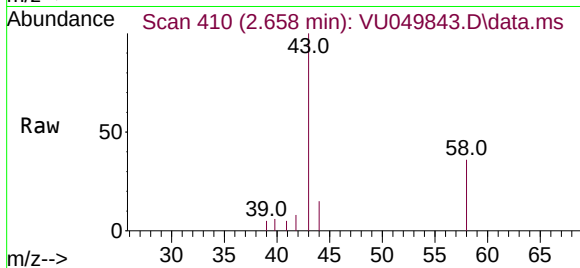
VSTD001039

Tgt Ion: 43 Resp: 14729

Ion Ratio Lower Upper

43 100

58 32.1 0.0 61.0



#14

Carbon disulfide

Concen: 1.010 ug/L

RT: 2.790 min Scan# 451

Delta R.T. -0.000 min

Lab File: VU049843.D

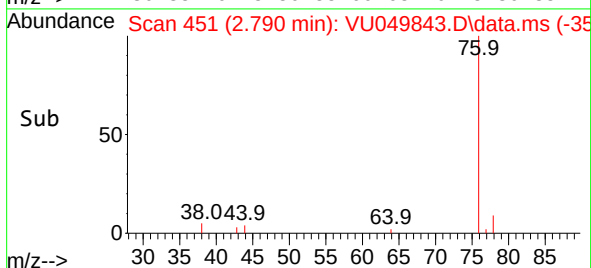
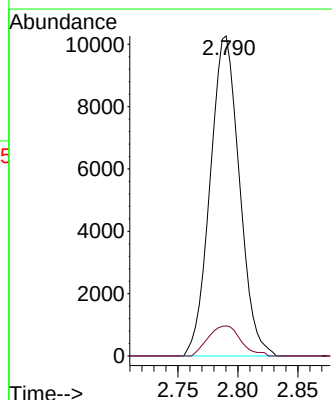
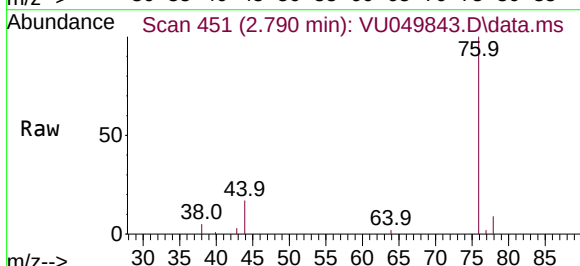
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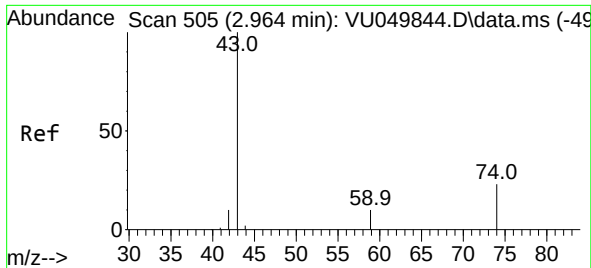
Tgt Ion: 76 Resp: 17427

Ion Ratio Lower Upper

76 100

78 9.4 7.8 11.6

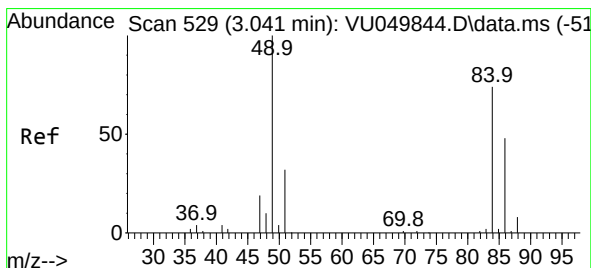
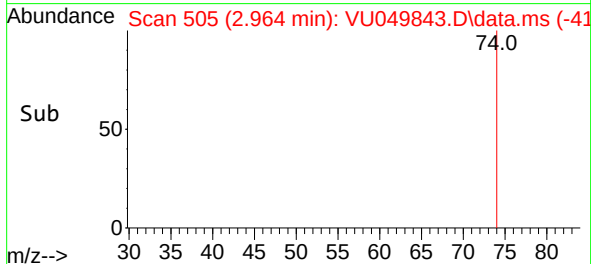
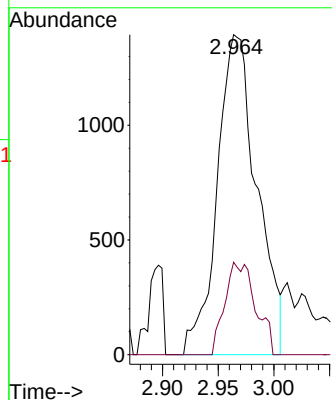
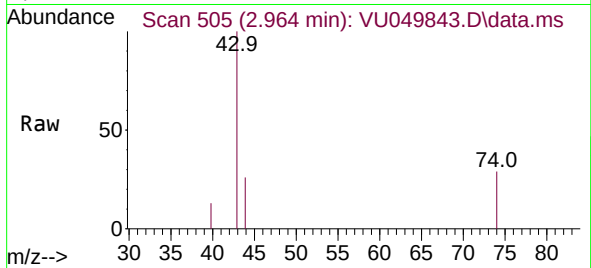




#15
Methyl Acetate
Concen: 1.177 ug/L
RT: 2.964 min Scan# 505
Delta R.T. -0.000 min
Lab File: VU049843.D
Acq: 22 Jul 2022 10:38

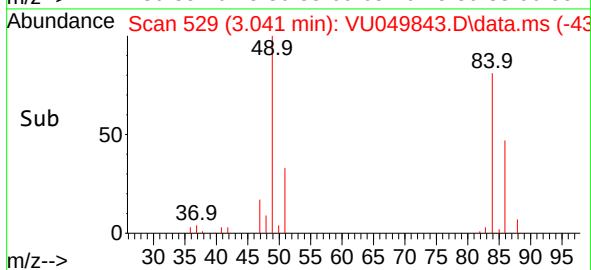
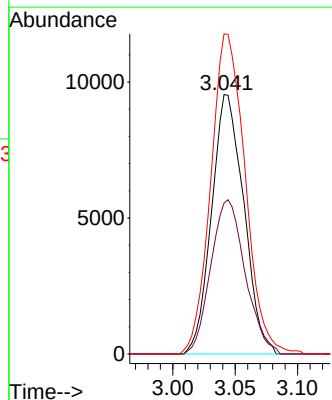
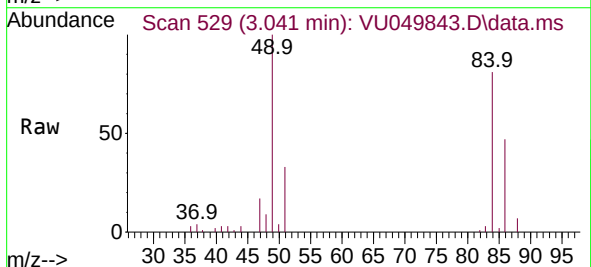
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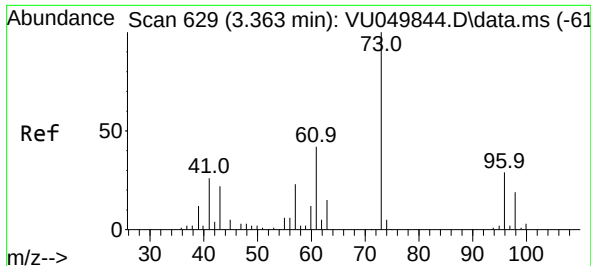
Tgt Ion: 43 Resp: 3456
Ion Ratio Lower Upper
43 100
74 22.4 17.1 25.7



#16
Methylene chloride
Concen: 2.275 ug/L
RT: 3.041 min Scan# 529
Delta R.T. -0.000 min
Lab File: VU049843.D
Acq: 22 Jul 2022 10:38

Tgt Ion: 84 Resp: 17165
Ion Ratio Lower Upper
84 100
86 58.2 45.5 84.5
49 123.4 94.1 174.8

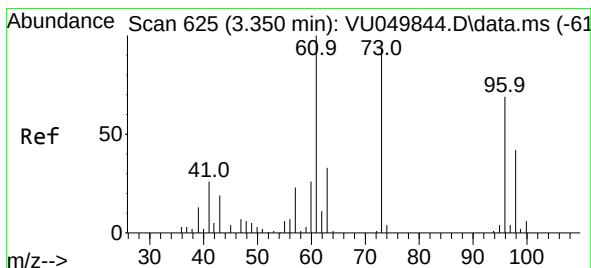
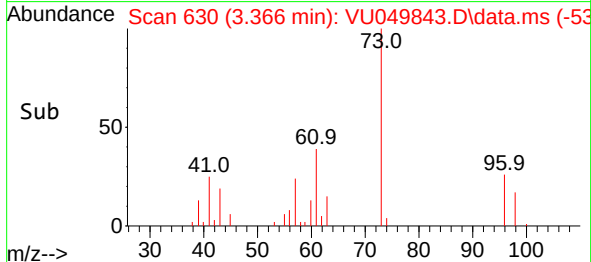
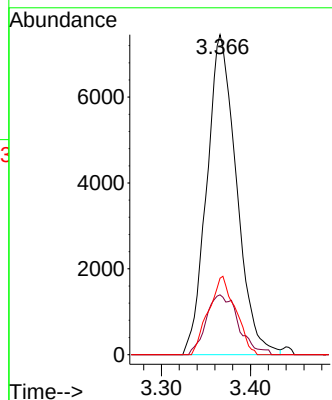
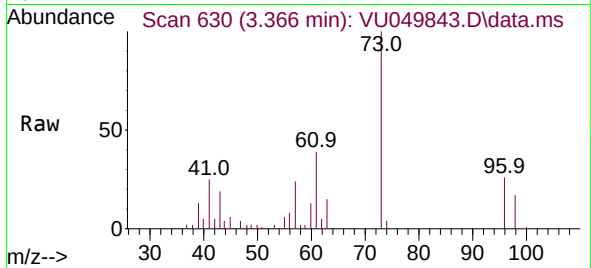




#17
Methyl tert-butyl Ether
Concen: 1.078 ug/L
RT: 3.366 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU049843.D
Acq: 22 Jul 2022 10:38

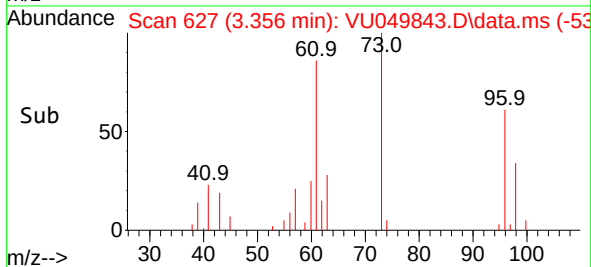
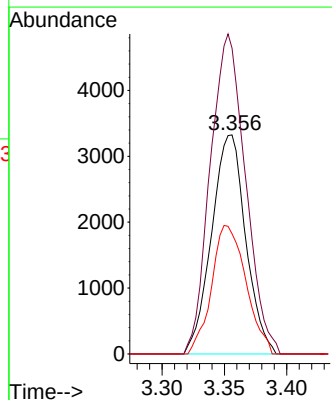
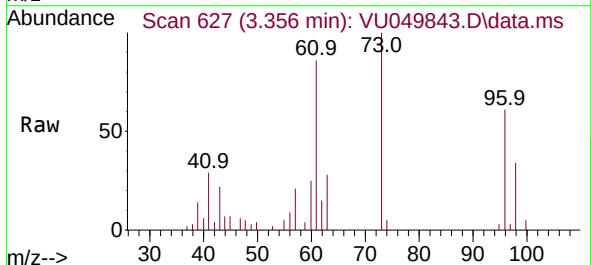
Instrument :
MSVOA_U
ClientSampleId :
VSTD001039

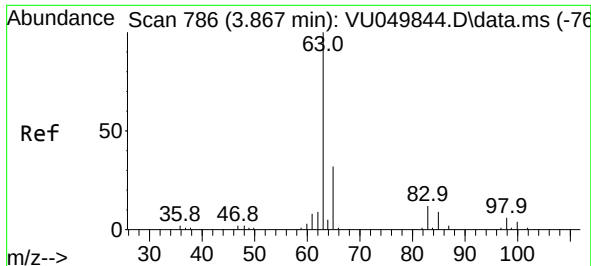
Tgt Ion: 73 Resp: 17213
Ion Ratio Lower Upper
73 100
43 20.4 17.4 26.2
57 22.2 18.7 28.1



#18
trans-1,2-Dichloroethene
Concen: 1.073 ug/L
RT: 3.356 min Scan# 627
Delta R.T. 0.006 min
Lab File: VU049843.D
Acq: 22 Jul 2022 10:38

Tgt Ion: 96 Resp: 6337
Ion Ratio Lower Upper
96 100
61 139.6 101.5 188.5
98 54.9 42.5 78.9





#19

1,1-Dichloroethane

Concen: 1.178 ug/L

RT: 3.871 min Scan# 71

Delta R.T. 0.003 min

Lab File: VU049843.D

Acq: 22 Jul 2022 10:38

Instrument :

MSVOA_U

ClientSampleId :

VSTD001039

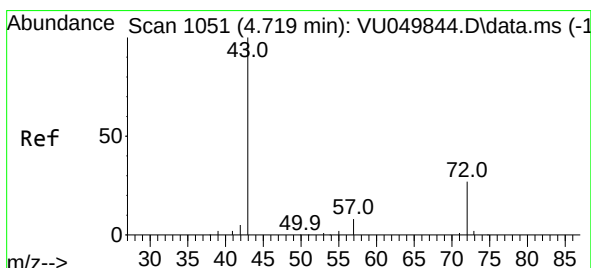
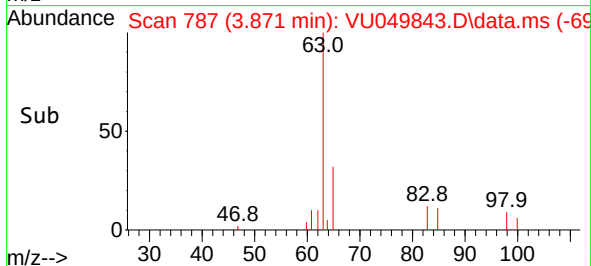
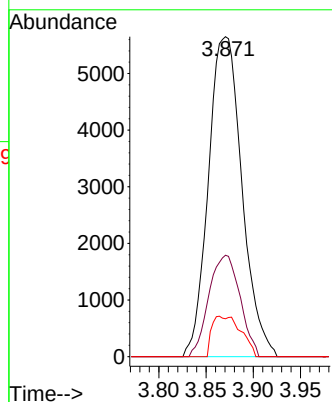
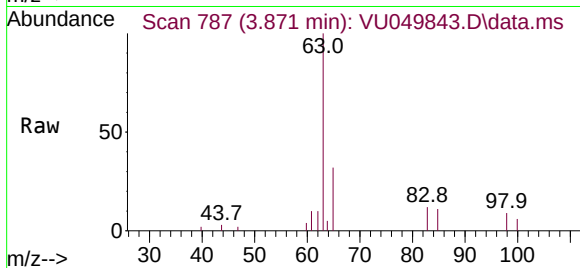
Tgt Ion: 63 Resp: 13955

Ion Ratio Lower Upper

63 100

65 30.3 22.5 41.9

83 11.3 8.3 15.5



#21

2-Butanone

Concen: 11.475 ug/L

RT: 4.735 min Scan# 1056

Delta R.T. 0.016 min

Lab File: VU049843.D

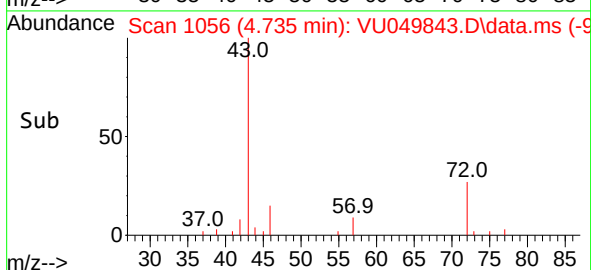
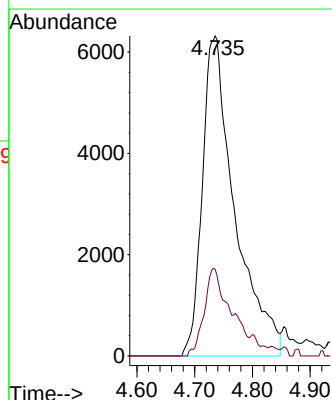
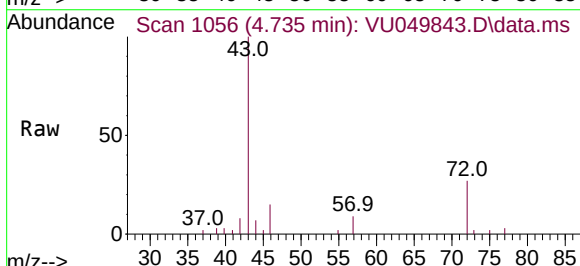
Acq: 22 Jul 2022 10:38

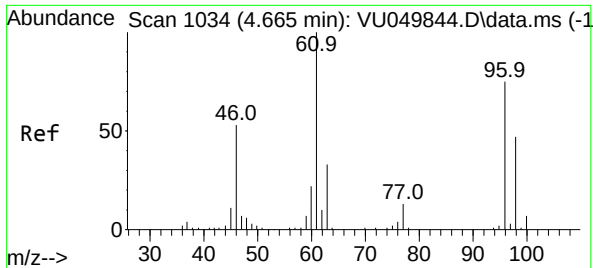
Tgt Ion: 43 Resp: 24684

Ion Ratio Lower Upper

43 100

72 22.0 11.9 35.5

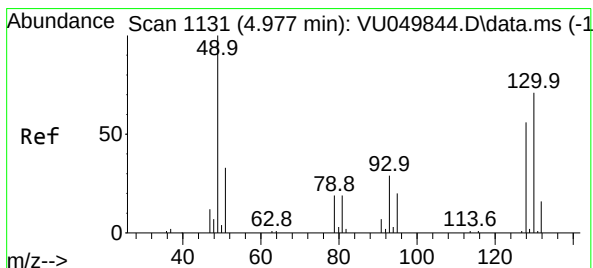
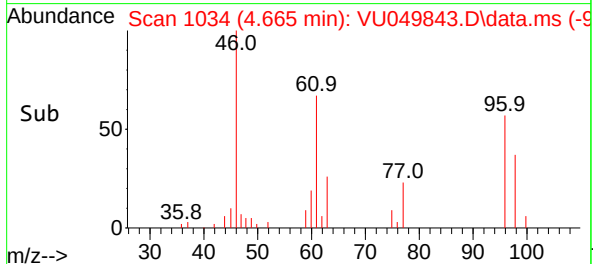
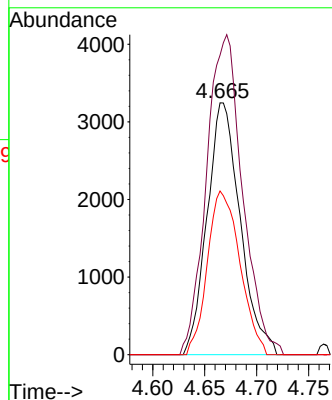
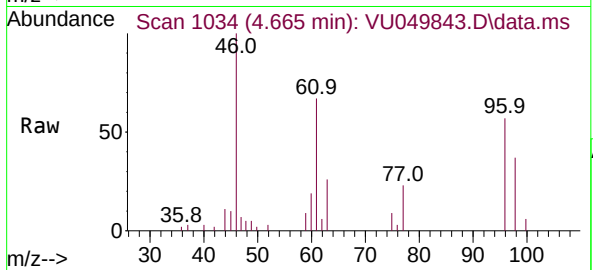




#22
 cis-1,2-Dichloroethene
 Concen: 1.082 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. -0.000 min
 Lab File: VU049843.D
 Acq: 22 Jul 2022 10:38

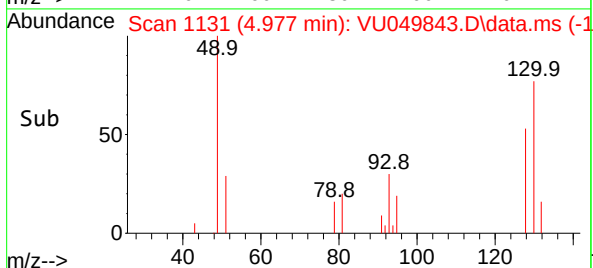
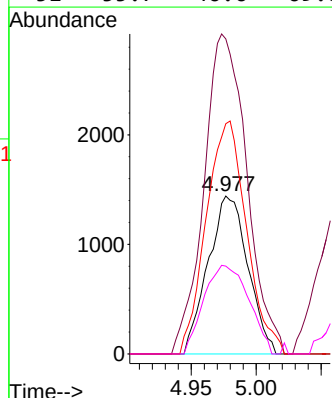
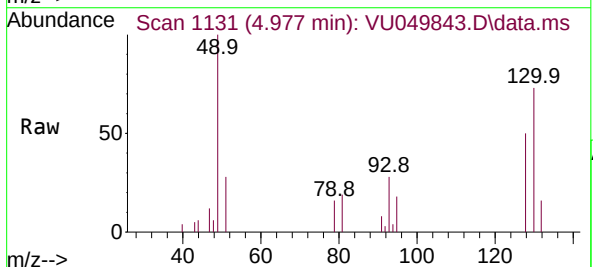
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001039

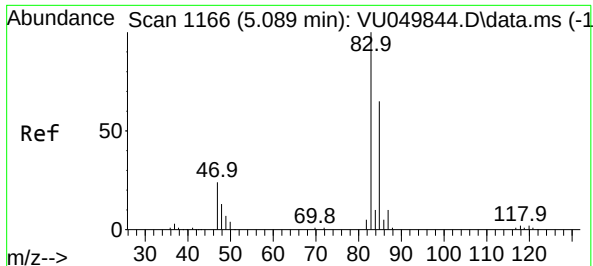
Tgt Ion:	96	Resp:	7194
Ion	Ratio	Lower	Upper
96	100		
61	118.9	93.9	174.3
98	65.0	43.9	81.5



#23
 Bromochloromethane
 Concen: 1.074 ug/L
 RT: 4.977 min Scan# 1131
 Delta R.T. -0.000 min
 Lab File: VU049843.D
 Acq: 22 Jul 2022 10:38

Tgt Ion:	128	Resp:	3070
Ion	Ratio	Lower	Upper
128	100		
49	199.6	124.9	232.1
130	145.8	88.5	164.3
51	55.7	46.6	69.8





#25

Chloroform

Concen: 1.196 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. -0.000 min

Lab File: VU049843.D

Acq: 22 Jul 2022 10:38

Instrument :

MSVOA_U

ClientSampleId :

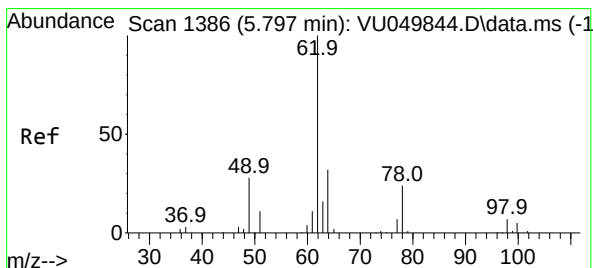
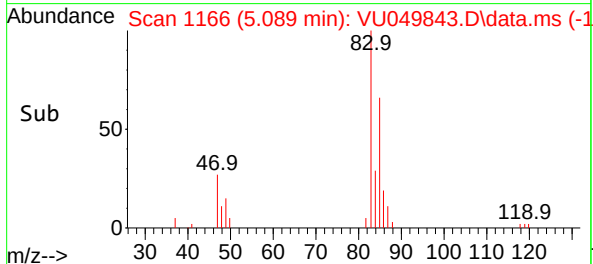
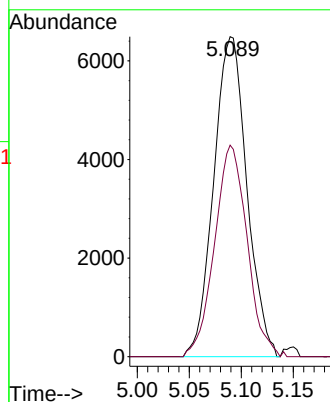
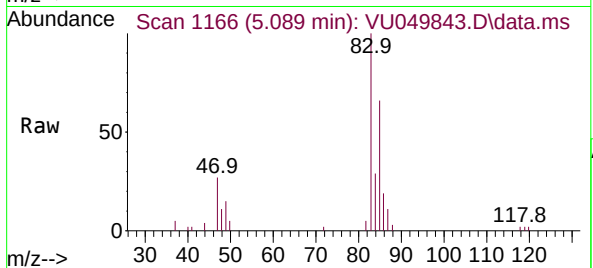
VSTD001039

Tgt Ion: 83 Resp: 14407

Ion Ratio Lower Upper

83 100

85 66.1 45.5 84.5



#27

1,2-Dichloroethane

Concen: 1.262 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. 0.003 min

Lab File: VU049843.D

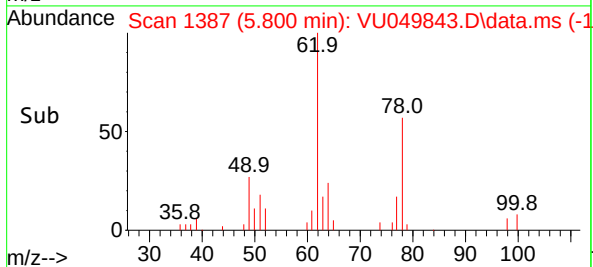
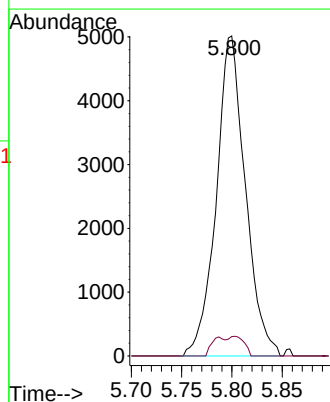
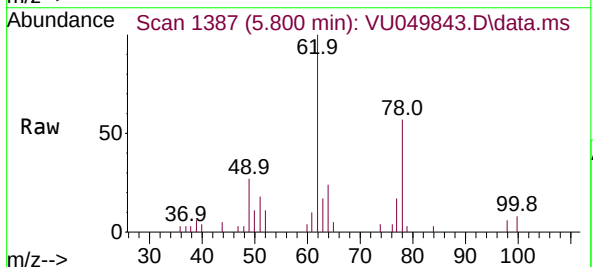
Acq: 22 Jul 2022 10:38

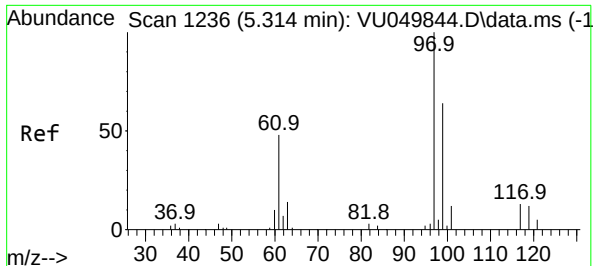
Tgt Ion: 62 Resp: 10096

Ion Ratio Lower Upper

62 100

98 6.0 5.9 8.9





#29

1,1,1-Trichloroethane

Concen: 0.987 ug/L

RT: 5.317 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU049843.D

Acq: 22 Jul 2022 10:38

Instrument :

MSVOA_U

ClientSampleId :

VSTD001039

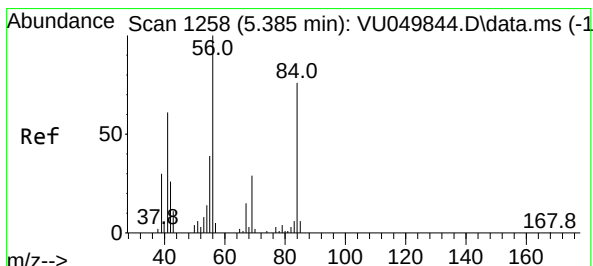
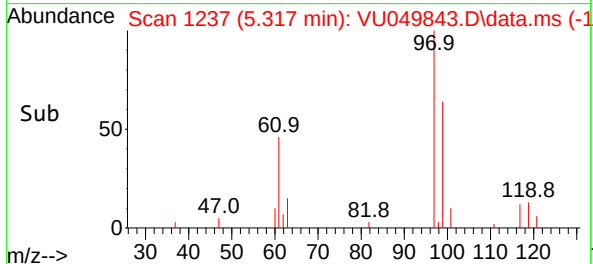
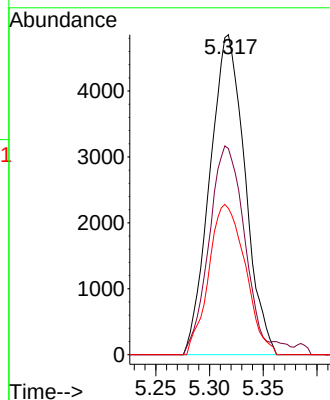
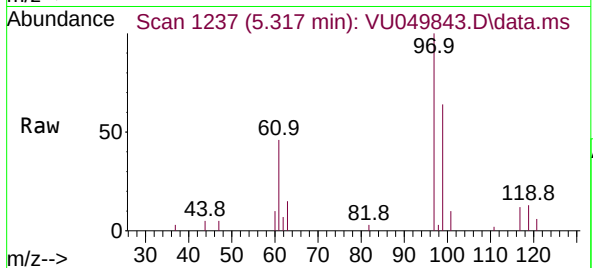
Tgt Ion: 97 Resp: 11030

Ion Ratio Lower Upper

97 100

99 67.4 51.8 77.8

61 48.8 38.3 57.5



#30

Cyclohexane

Concen: 0.815 ug/L

RT: 5.385 min Scan# 1258

Delta R.T. -0.000 min

Lab File: VU049843.D

Acq: 22 Jul 2022 10:38

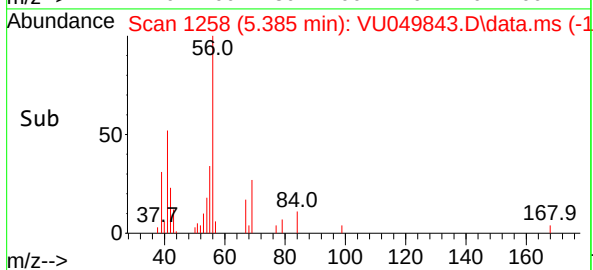
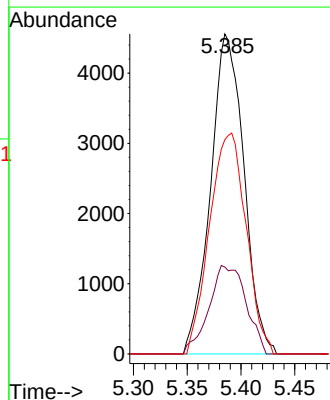
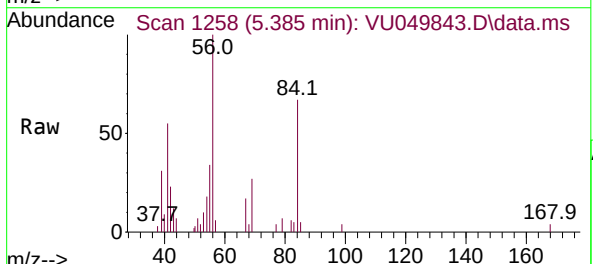
Tgt Ion: 56 Resp: 9823

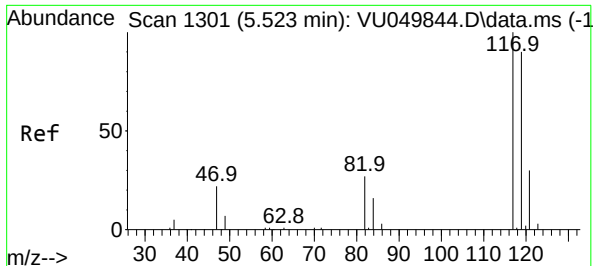
Ion Ratio Lower Upper

56 100

69 30.7 22.8 34.2

84 75.6 63.0 94.6

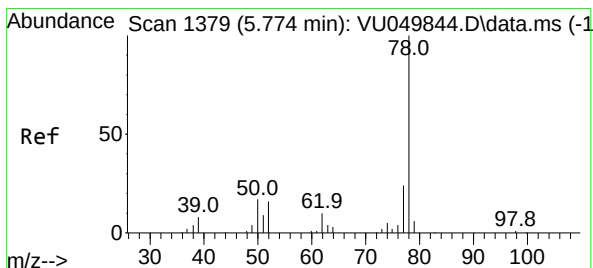
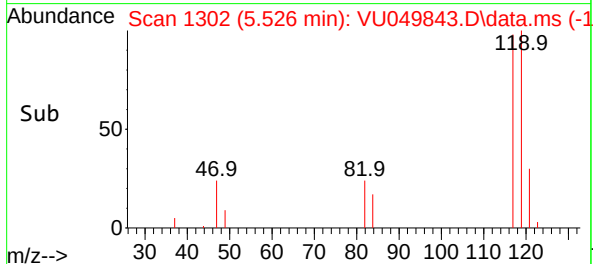
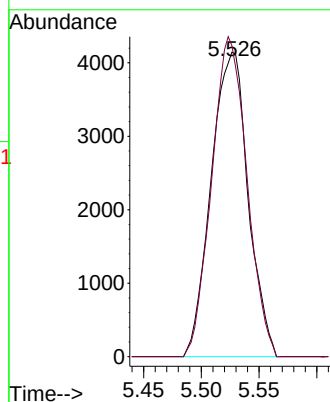
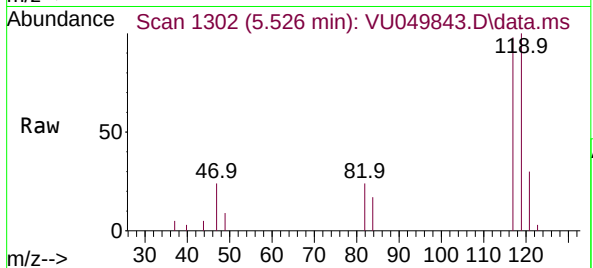




#31
Carbon tetrachloride
Concen: 0.985 ug/L
RT: 5.526 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049843.D
Acq: 22 Jul 2022 10:38

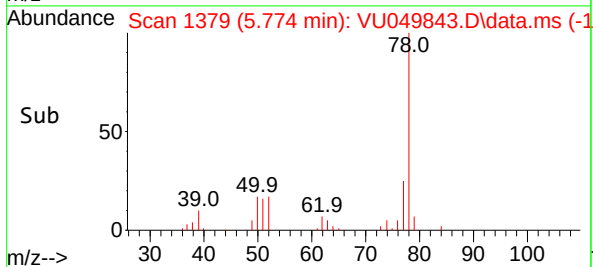
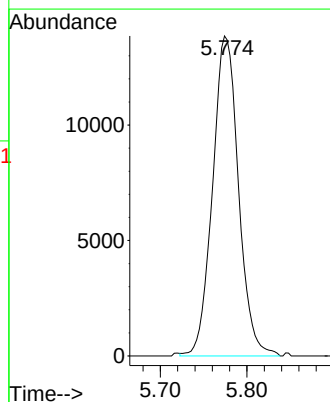
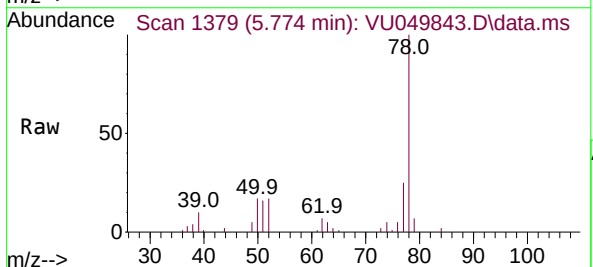
Instrument :
MSVOA_U
ClientSampleId :
VSTD001039

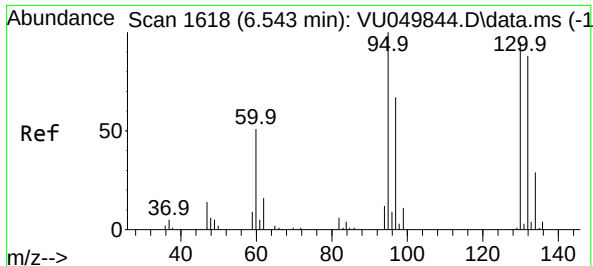
Tgt Ion:117 Resp: 9231
Ion Ratio Lower Upper
117 100
119 100.2 75.2 112.8



#33
Benzene
Concen: 1.039 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VU049843.D
Acq: 22 Jul 2022 10:38

Tgt Ion: 78 Resp: 28825



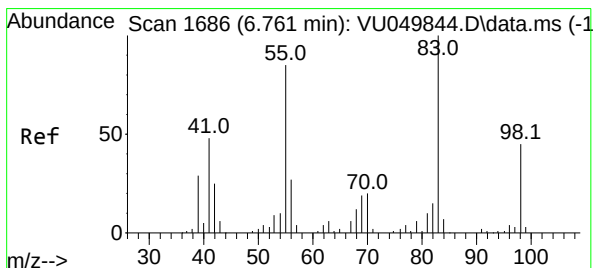
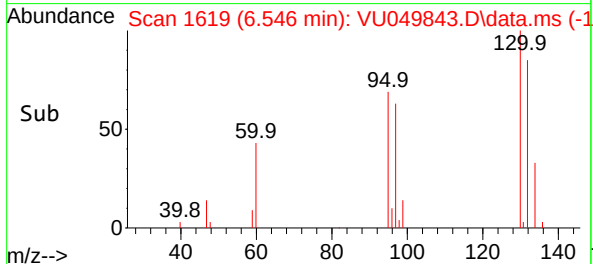
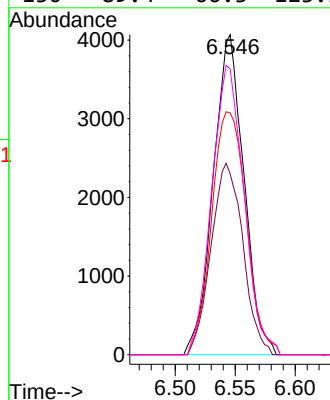
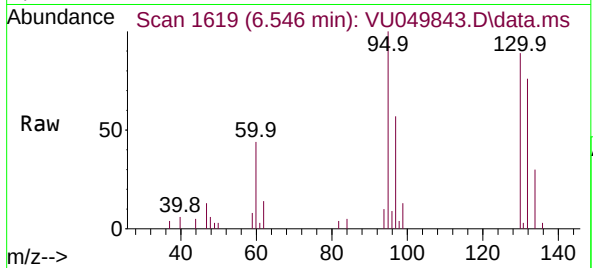


#34
Trichloroethene
Concen: 1.029 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.003 min
Lab File: VU049843.D
Acq: 22 Jul 2022 10:38

Instrument :
MSVOA_U
ClientSampleId :
VSTD001039

Tgt Ion: 95 Resp: 7233

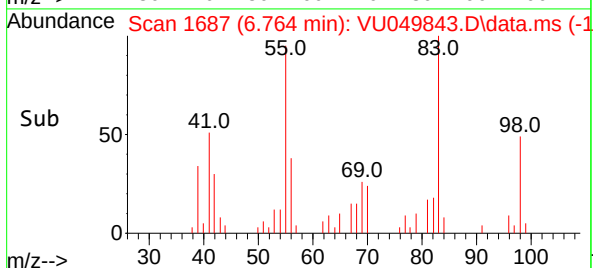
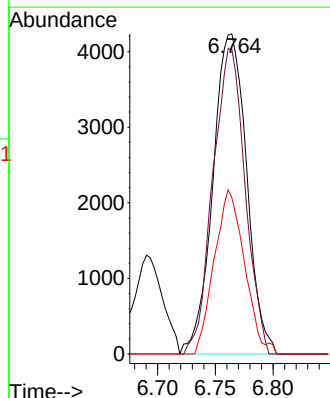
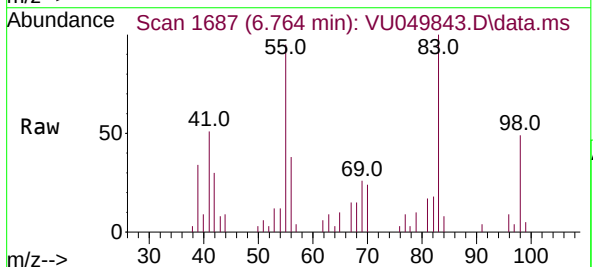
Ion	Ratio	Lower	Upper
95	100		
97	56.6	46.8	86.8
132	75.6	61.8	114.8
130	89.4	66.3	123.1

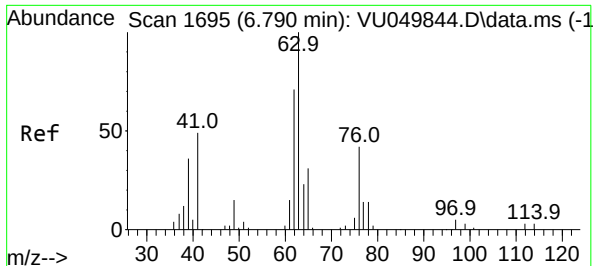


#35
Methylcyclohexane
Concen: 0.759 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. 0.003 min
Lab File: VU049843.D
Acq: 22 Jul 2022 10:38

Tgt Ion: 83 Resp: 8599

Ion	Ratio	Lower	Upper
83	100		
55	91.1	69.0	103.4
98	46.0	36.4	54.6

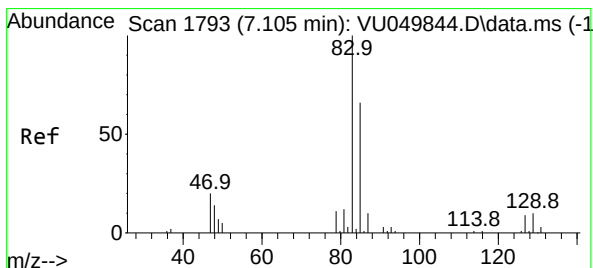
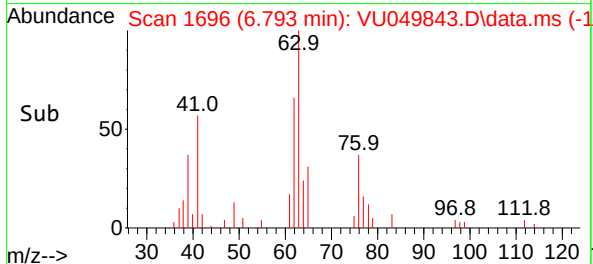
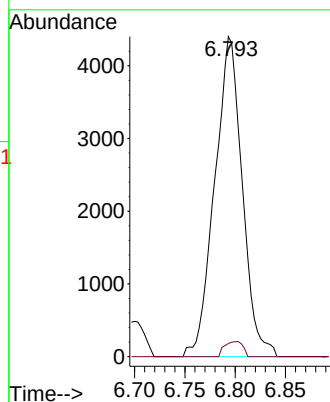
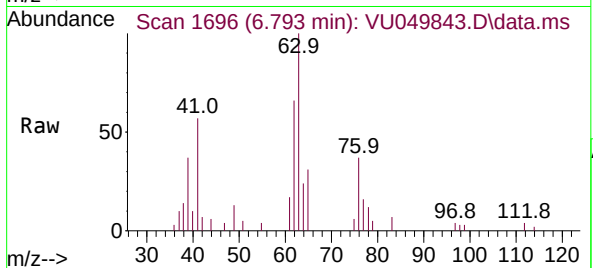




#37
1,2-Dichloropropane
Concen: 1.095 ug/L
RT: 6.793 min Scan# 1695
Delta R.T. 0.003 min
Lab File: VU049843.D
Acq: 22 Jul 2022 10:38

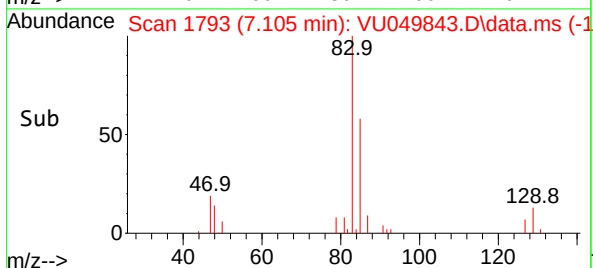
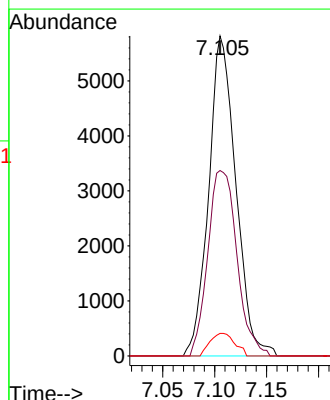
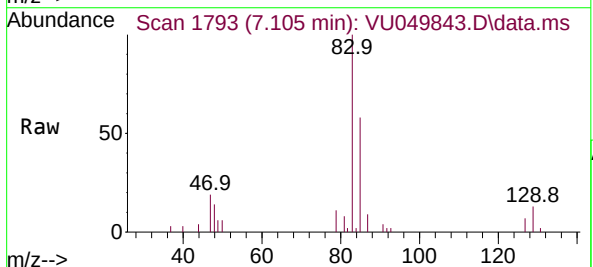
Instrument :
MSVOA_U
ClientSampleId :
VSTD001039

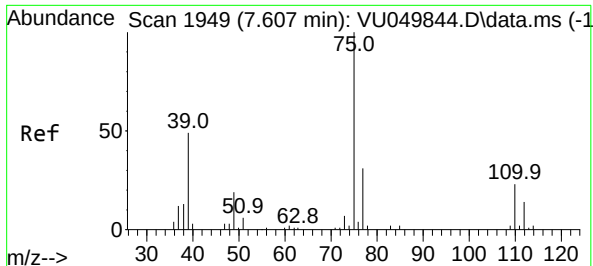
Tgt Ion: 63 Resp: 8392
Ion Ratio Lower Upper
63 100
112 3.1 2.8 4.2



#38
Bromodichloromethane
Concen: 1.128 ug/L
RT: 7.105 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VU049843.D
Acq: 22 Jul 2022 10:38

Tgt Ion: 83 Resp: 10585
Ion Ratio Lower Upper
83 100
85 58.0 45.9 85.3
127 7.0 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 0.926 ug/L

RT: 7.610 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VU049843.D

Acq: 22 Jul 2022 10:38

Instrument :

MSVOA_U

ClientSampleId :

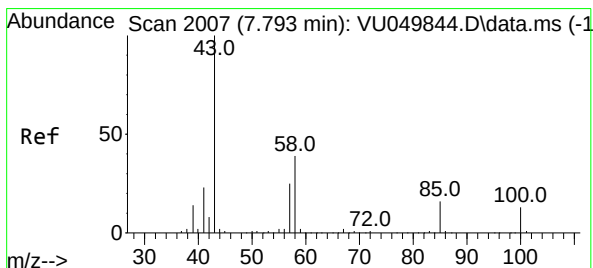
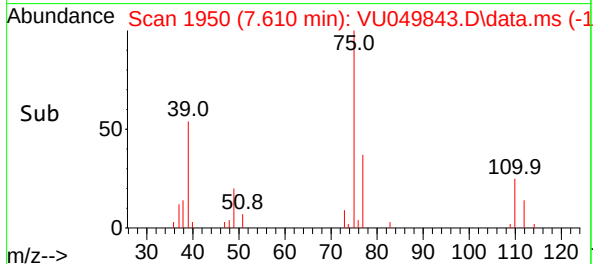
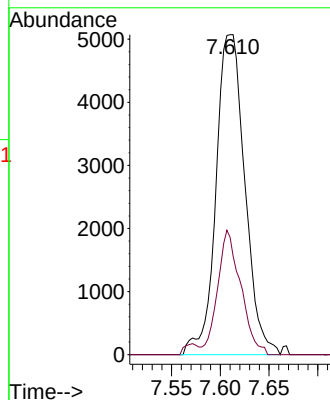
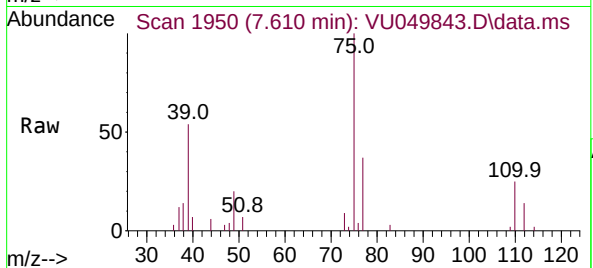
VSTD001039

Tgt Ion: 75 Resp: 10463

Ion Ratio Lower Upper

75 100

77 36.6 21.6 40.0



#40

4-Methyl-2-pentanone

Concen: 9.896 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. 0.003 min

Lab File: VU049843.D

Acq: 22 Jul 2022 10:38

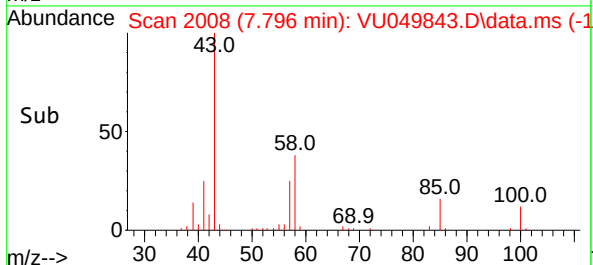
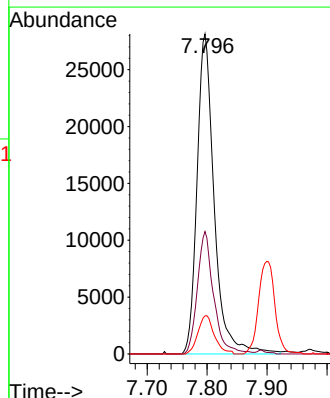
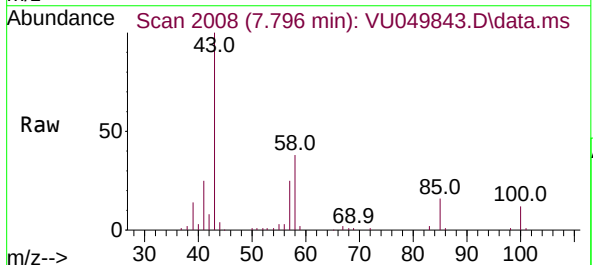
Tgt Ion: 43 Resp: 56157

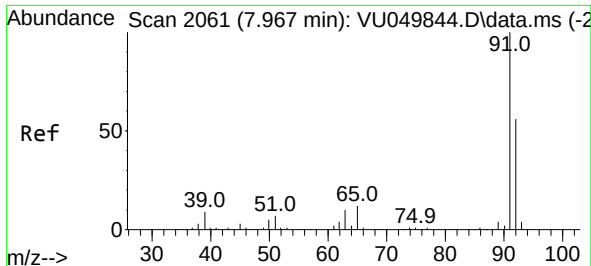
Ion Ratio Lower Upper

43 100

58 36.2 31.0 46.4

100 11.5 10.4 15.6





#42

Toluene

Concen: 0.918 ug/L

RT: 7.970 min Scan# 2061

Delta R.T. 0.003 min

Lab File: VU049843.D

Acq: 22 Jul 2022 10:38

Instrument :

MSVOA_U

ClientSampleId :

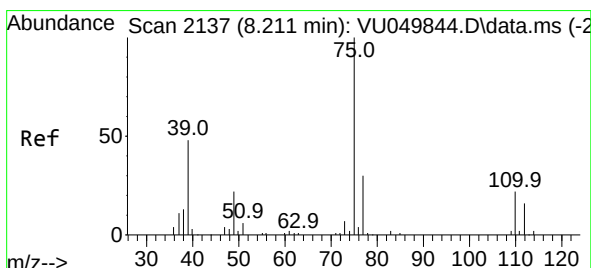
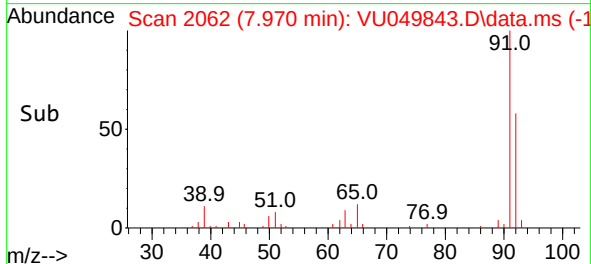
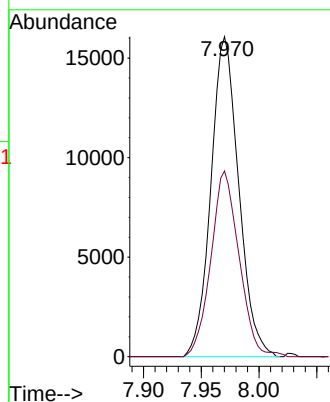
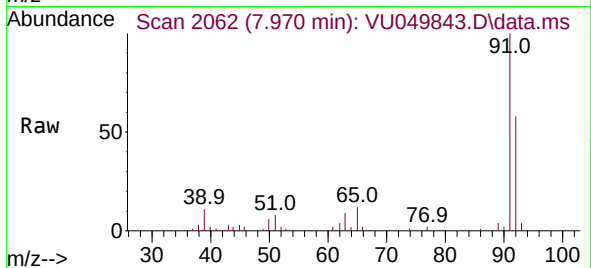
VSTD001039

Tgt Ion: 91 Resp: 26903

Ion Ratio Lower Upper

91 100

92 58.0 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 0.917 ug/L

RT: 8.214 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VU049843.D

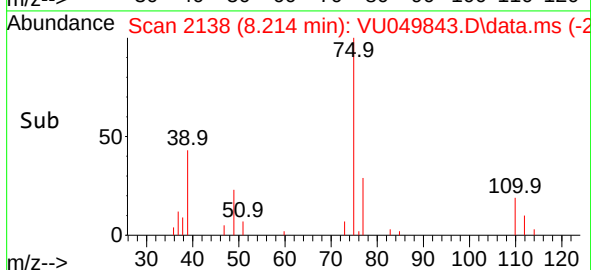
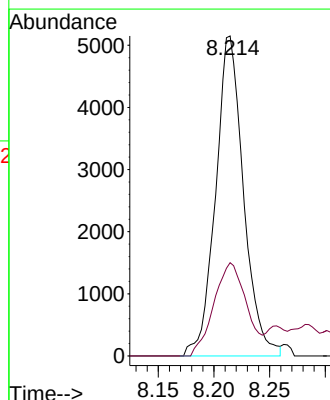
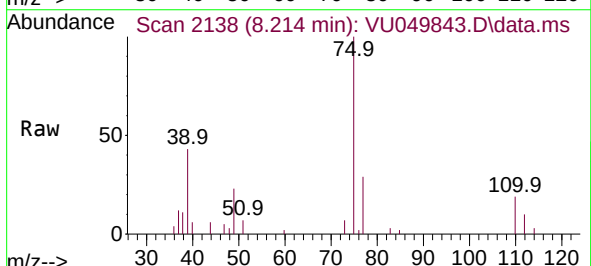
Acq: 22 Jul 2022 10:38

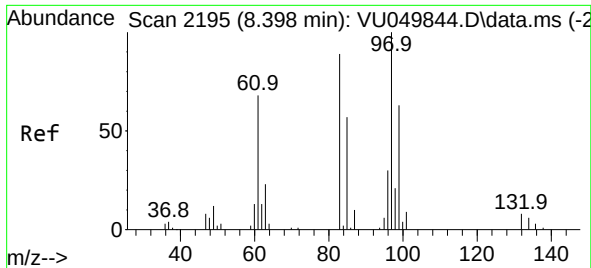
Tgt Ion: 75 Resp: 8979

Ion Ratio Lower Upper

75 100

77 29.2 21.2 39.4



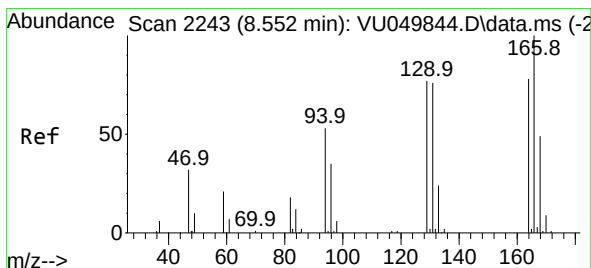
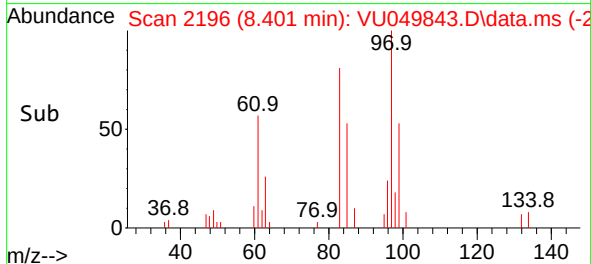
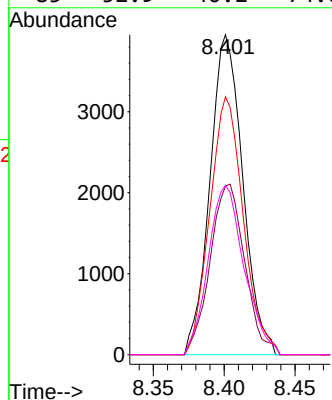
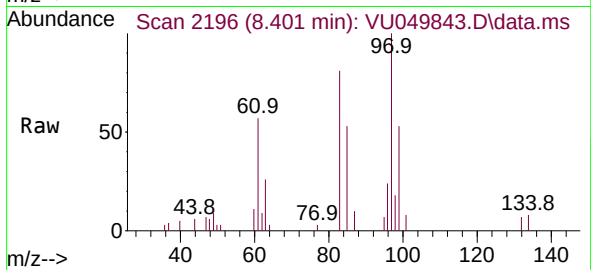


#45
1,1,2-Trichloroethane
Concen: 1.178 ug/L
RT: 8.401 min Scan# 2195
Delta R.T. 0.003 min
Lab File: VU049843.D
Acq: 22 Jul 2022 10:38

Instrument :
MSVOA_U
ClientSampleId :
VSTD001039

Tgt Ion: 97 Resp: 6365

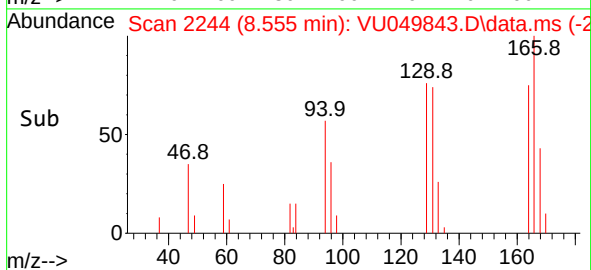
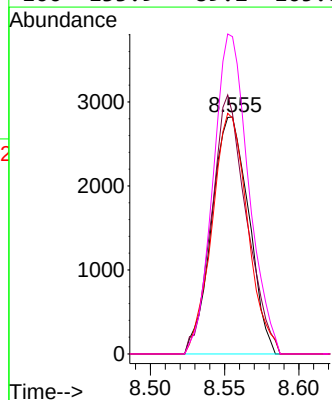
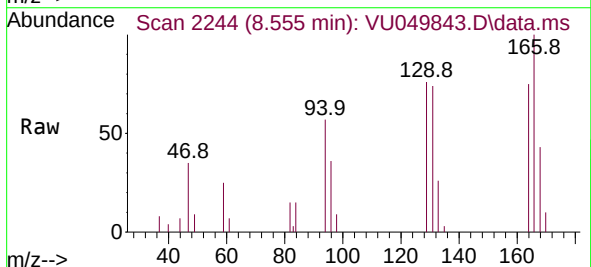
Ion	Ratio	Lower	Upper
97	100		
99	52.7	43.8	81.3
83	80.6	62.4	115.8
85	52.9	40.2	74.6

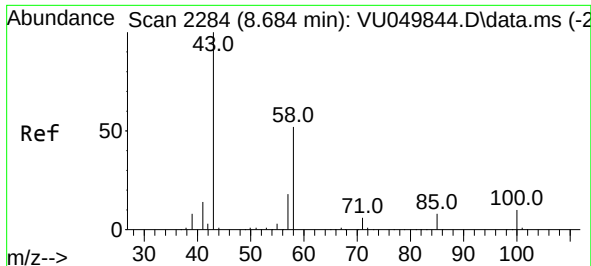


#47
Tetrachloroethene
Concen: 0.996 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.003 min
Lab File: VU049843.D
Acq: 22 Jul 2022 10:38

Tgt Ion: 164 Resp: 4885

Ion	Ratio	Lower	Upper
164	100		
129	101.3	68.9	127.9
131	99.5	67.5	125.4
166	133.9	89.2	165.8

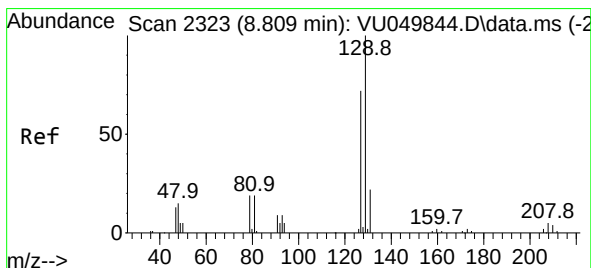
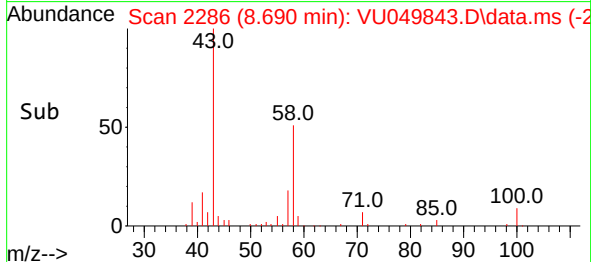
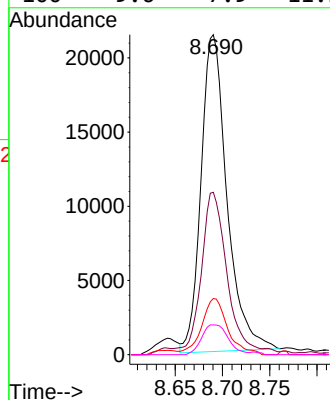
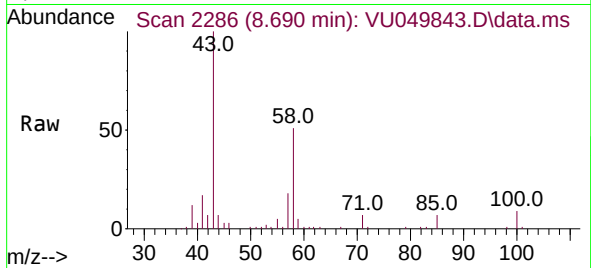




#48
2-Hexanone
Concen: 9.927 ug/L
RT: 8.690 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU049843.D
Acq: 22 Jul 2022 10:38

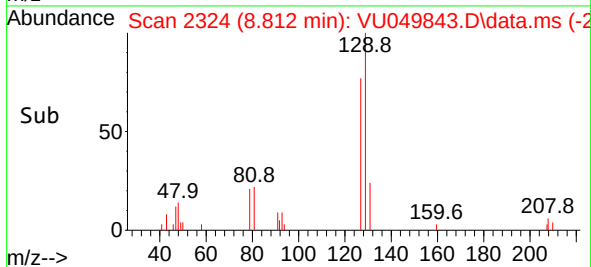
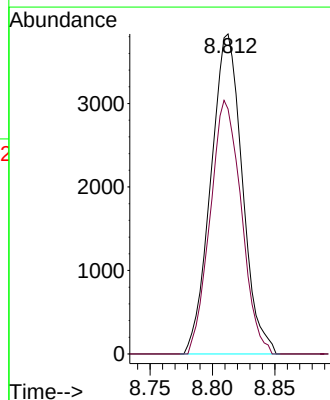
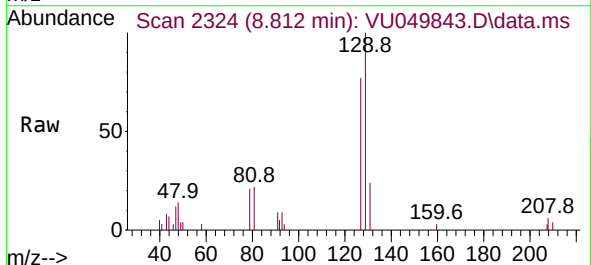
Instrument :
MSVOA_U
ClientSampleId :
VSTD001039

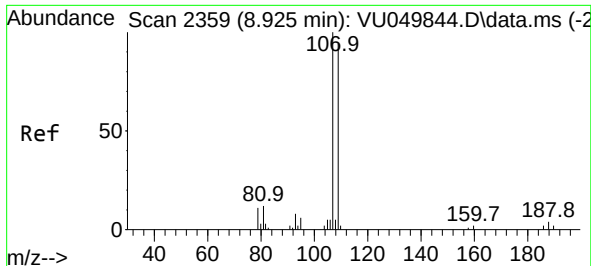
Tgt Ion: 43	Resp: 40849
Ion Ratio	Lower Upper
43 100	
58 47.4	42.1 63.1
57 17.7	14.3 21.5
100 9.6	7.9 11.9



#49
Dibromochloromethane
Concen: 1.100 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. 0.003 min
Lab File: VU049843.D
Acq: 22 Jul 2022 10:38

Tgt Ion:129	Resp: 6736		
Ion Ratio	Lower	Upper	
129 100			
127 76.5	50.5	93.7	

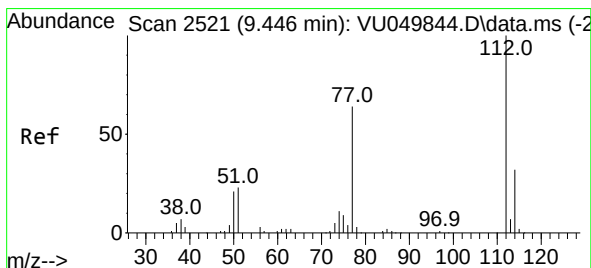
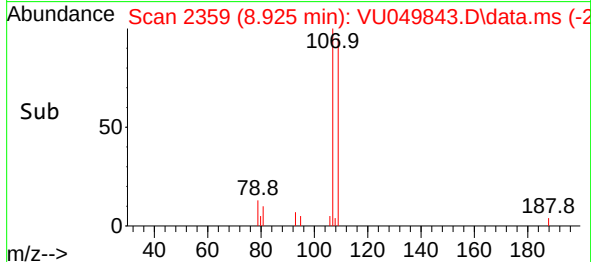
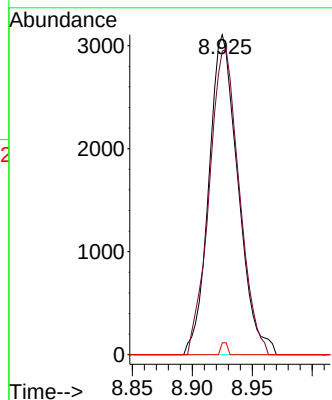
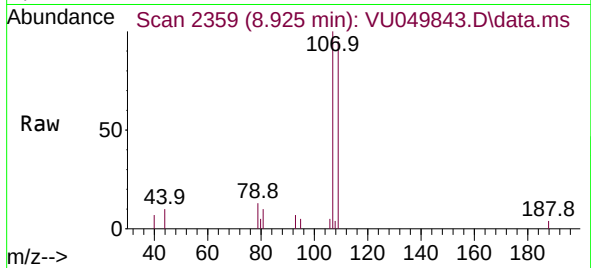




#50
1,2-Dibromoethane
Concen: 1.067 ug/L
RT: 8.925 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU049843.D
Acq: 22 Jul 2022 10:38

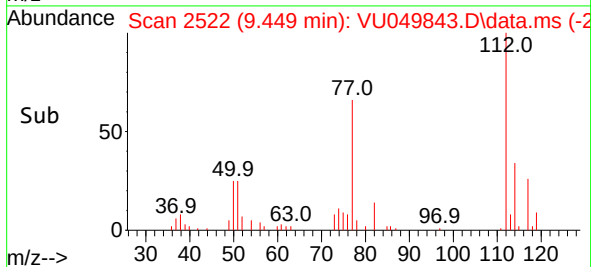
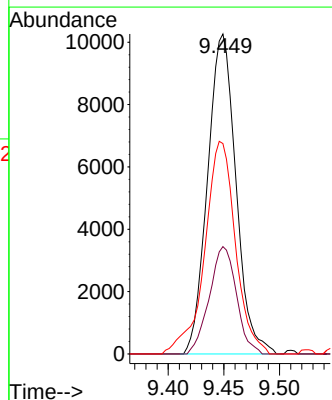
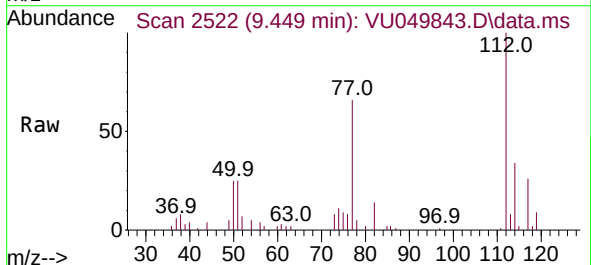
Instrument :
MSVOA_U
ClientSampleId :
VSTD001039

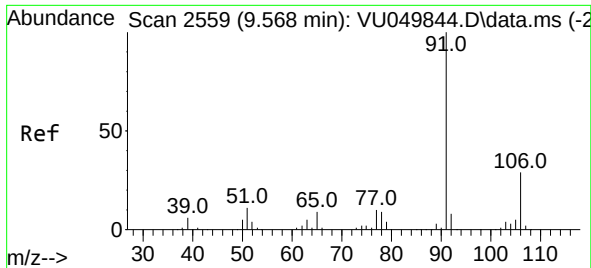
Tgt Ion:107 Resp: 5259
Ion Ratio Lower Upper
107 100
109 94.9 65.6 121.8
188 3.7 2.8 4.2



#51
Chlorobenzene
Concen: 1.020 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.003 min
Lab File: VU049843.D
Acq: 22 Jul 2022 10:38

Tgt Ion:112 Resp: 18163
Ion Ratio Lower Upper
112 100
114 33.5 22.4 41.6
77 65.7 51.2 76.8

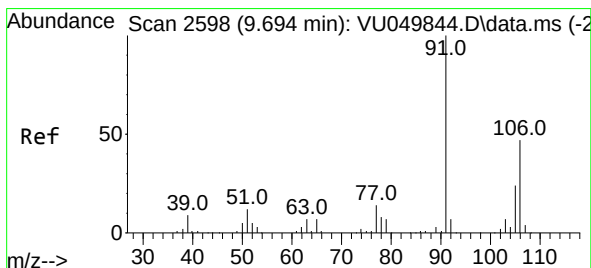
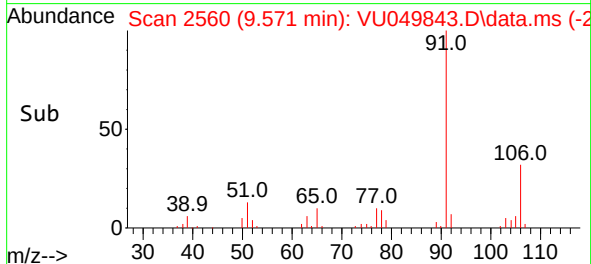
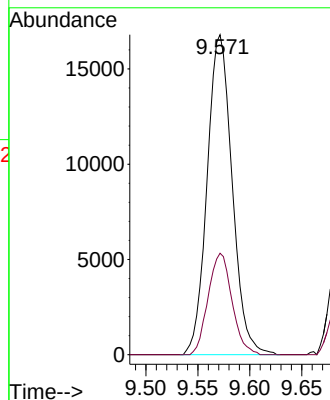
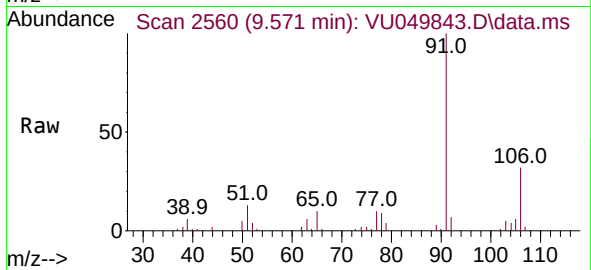




#52
Ethylbenzene
Concen: 0.894 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.003 min
Lab File: VU049843.D
Acq: 22 Jul 2022 10:38

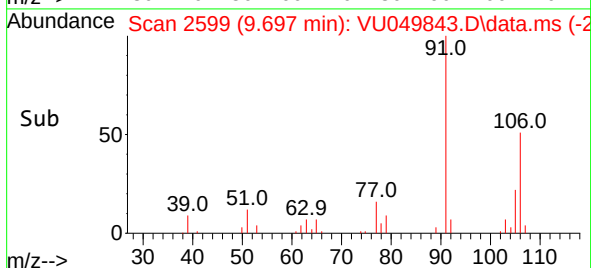
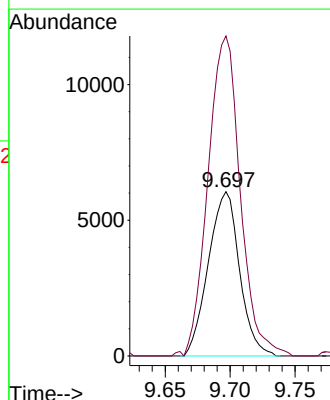
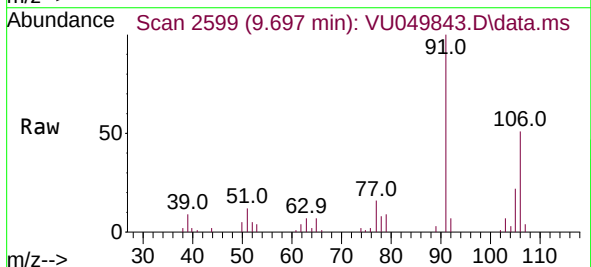
Instrument :
MSVOA_U
ClientSampleId :
VSTD001039

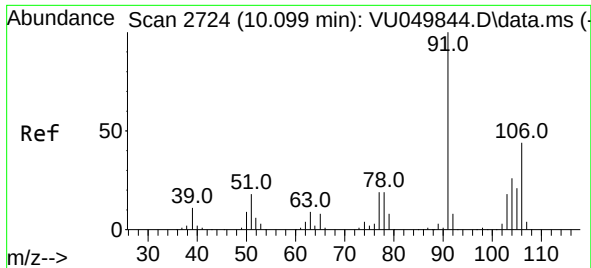
Tgt Ion: 91 Resp: 28147
Ion Ratio Lower Upper
91 100
106 31.7 20.6 38.4



#53
m,p-Xylene
Concen: 0.867 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.003 min
Lab File: VU049843.D
Acq: 22 Jul 2022 10:38

Tgt Ion: 106 Resp: 10086
Ion Ratio Lower Upper
106 100
91 194.8 149.7 277.9

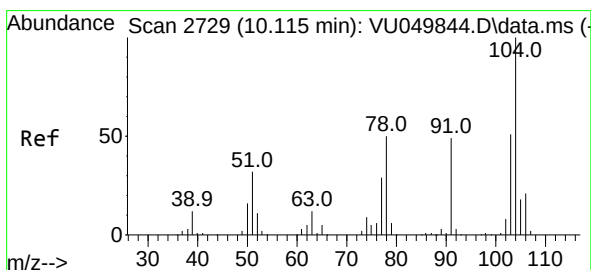
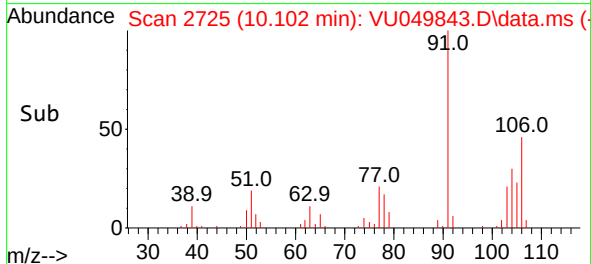
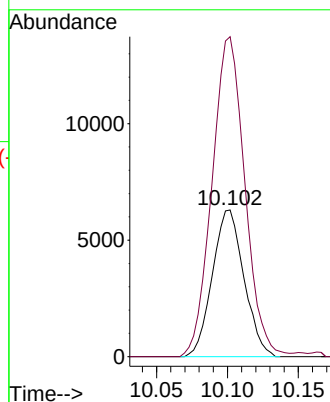
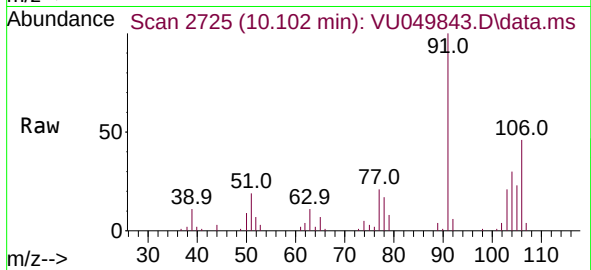




#54
o-Xylene
Concen: 0.846 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.003 min
Lab File: VU049843.D
Acq: 22 Jul 2022 10:38

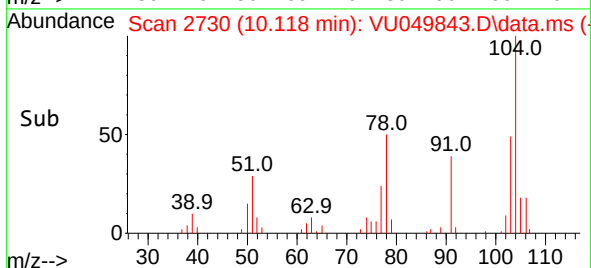
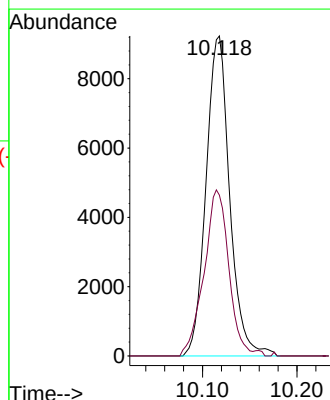
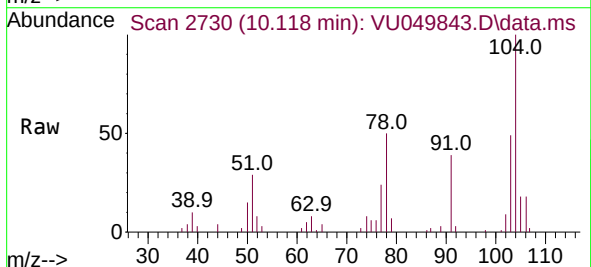
Instrument :
MSVOA_U
ClientSampleId :
VSTD001039

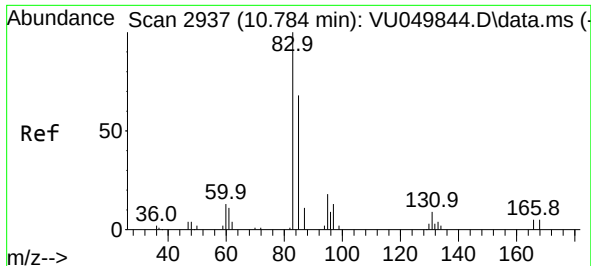
Tgt Ion:106 Resp: 9771
Ion Ratio Lower Upper
106 100
91 218.1 159.4 296.0



#55
Styrene
Concen: 0.828 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. 0.003 min
Lab File: VU049843.D
Acq: 22 Jul 2022 10:38

Tgt Ion:104 Resp: 16031
Ion Ratio Lower Upper
104 100
78 50.3 35.1 65.3





#57

1,1,2,2-Tetrachloroethane

Concen: 1.159 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. -0.000 min

Lab File: VU049843.D

Acq: 22 Jul 2022 10:38

Instrument :

MSVOA_U

ClientSampleId :

VSTD001039

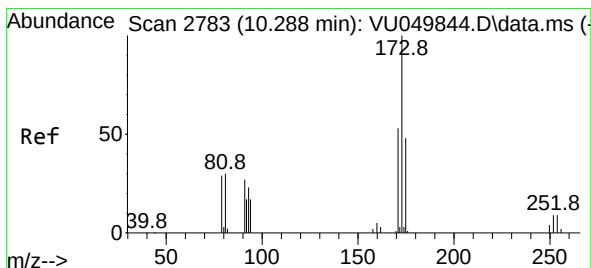
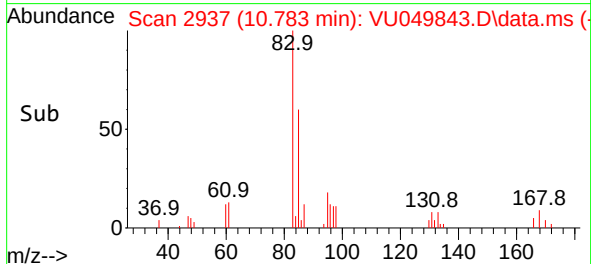
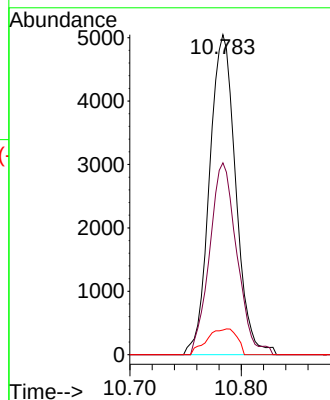
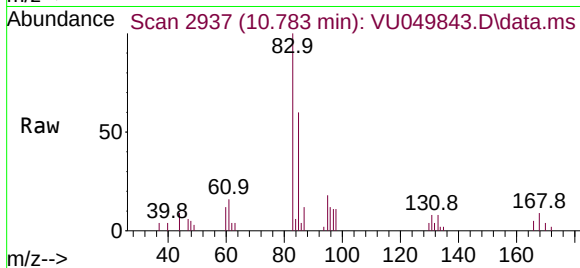
Tgt Ion: 83 Resp: 8236

Ion Ratio Lower Upper

83 100

85 60.0 47.9 89.1

131 7.7 7.3 10.9



#59

Bromoform

Concen: 1.092 ug/L

RT: 10.291 min Scan# 2784

Delta R.T. 0.003 min

Lab File: VU049843.D

Acq: 22 Jul 2022 10:38

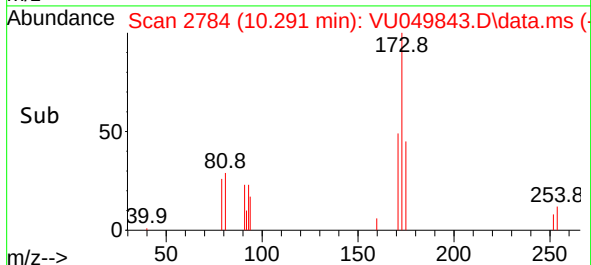
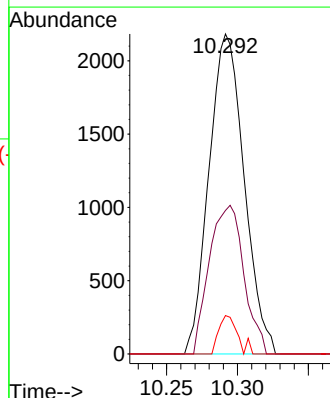
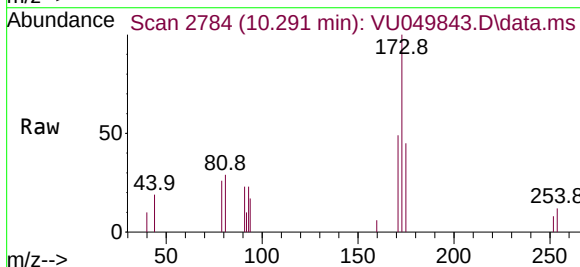
Tgt Ion: 173 Resp: 3767

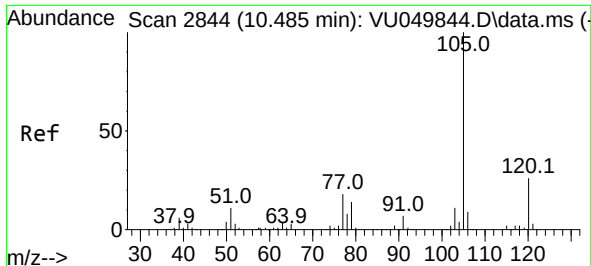
Ion Ratio Lower Upper

173 100

175 45.7 39.5 59.3

254 6.4 7.5 11.3#

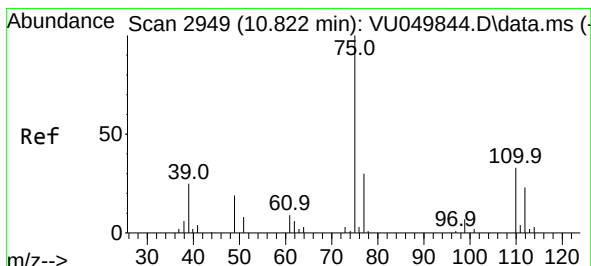
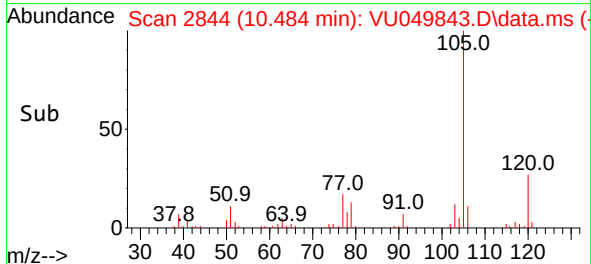
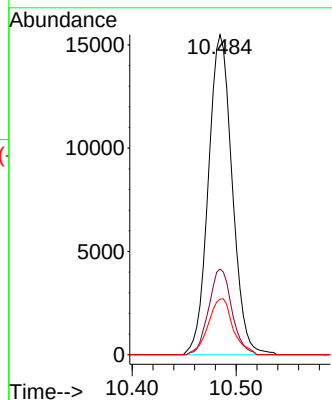
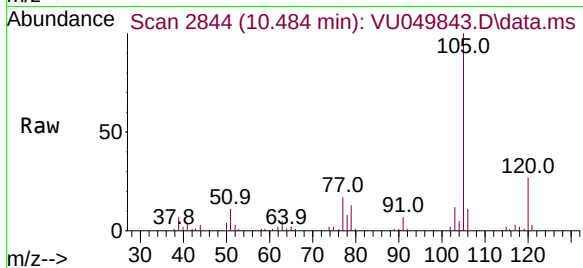




#60
Isopropylbenzene
Concen: 0.807 ug/L
RT: 10.484 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU049843.D
Acq: 22 Jul 2022 10:38

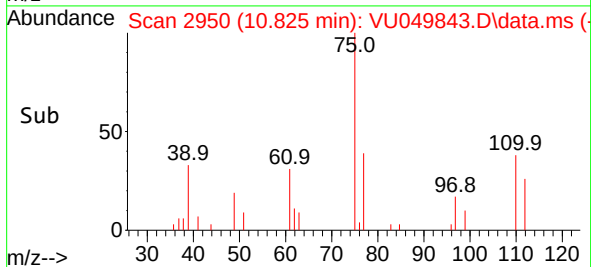
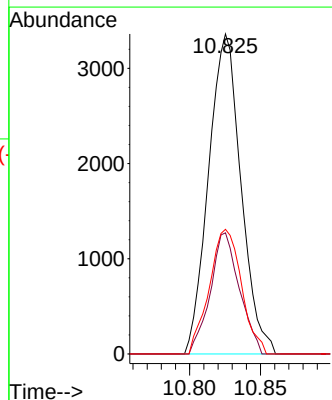
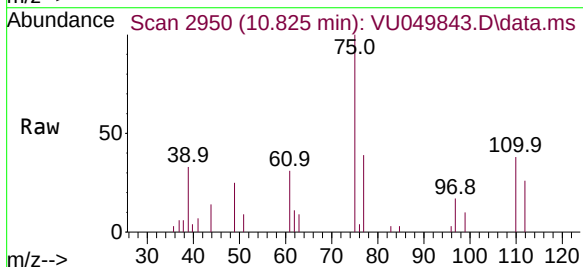
Instrument :
MSVOA_U
ClientSampleId :
VSTD001039

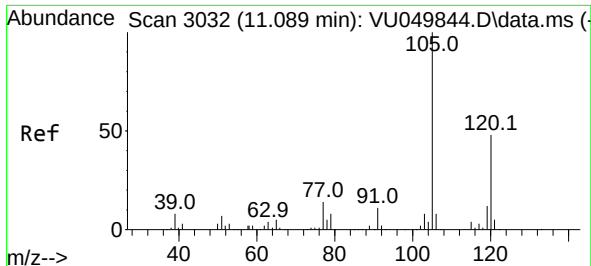
Tgt Ion:105 Resp: 24667
Ion Ratio Lower Upper
105 100
120 25.9 20.4 30.6
77 18.1 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 1.014 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU049843.D
Acq: 22 Jul 2022 10:38

Tgt Ion: 75 Resp: 5345
Ion Ratio Lower Upper
75 100
110 34.0 28.0 42.0
77 38.6 25.4 38.2#

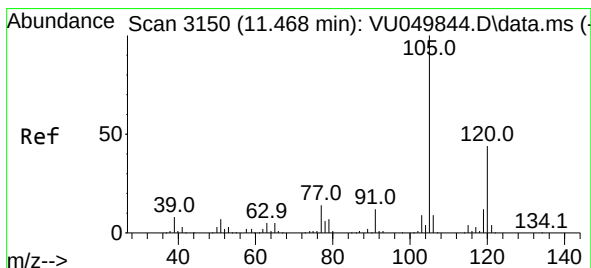
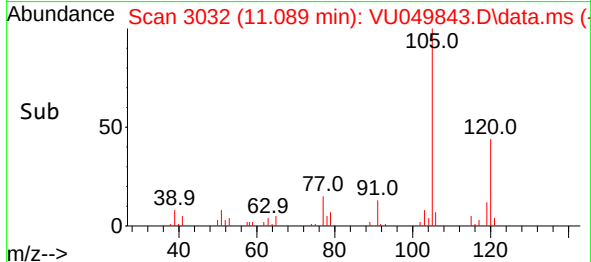
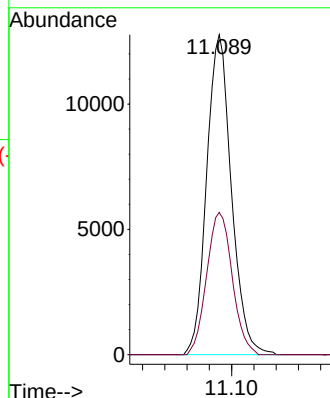
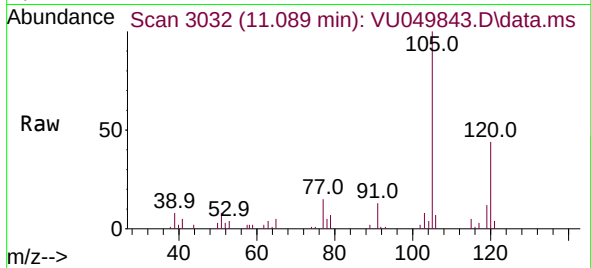




#62
1,3,5-Trimethylbenzene
Concen: 0.737 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU049843.D
Acq: 22 Jul 2022 10:38

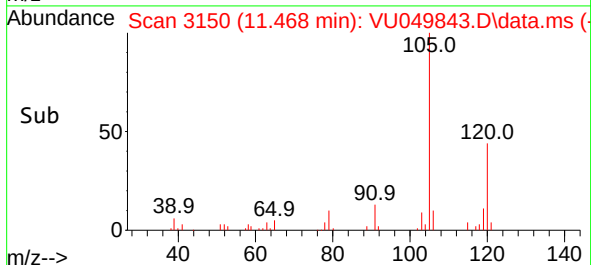
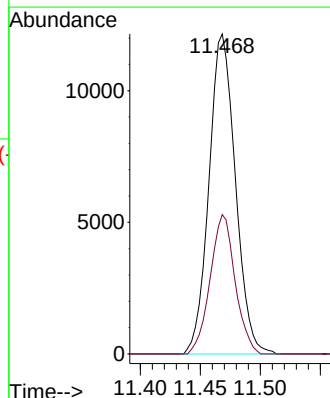
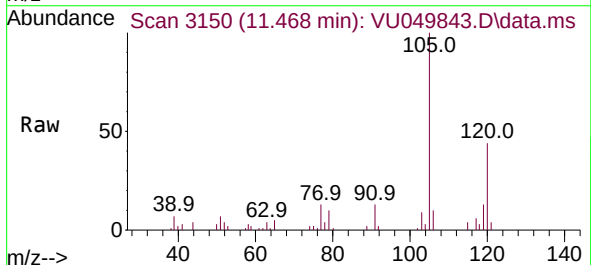
Instrument :
MSVOA_U
ClientSampleId :
VSTD001039

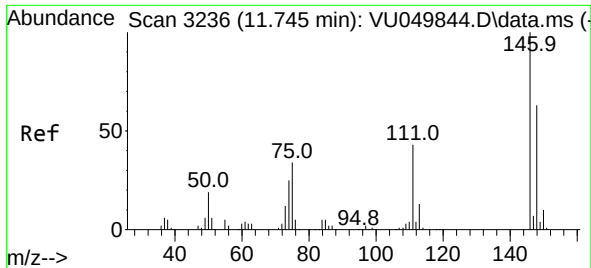
Tgt Ion:105 Resp: 19682
Ion Ratio Lower Upper
105 100
120 45.9 38.0 57.0



#63
1,2,4-Trimethylbenzene
Concen: 0.710 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU049843.D
Acq: 22 Jul 2022 10:38

Tgt Ion:105 Resp: 18605
Ion Ratio Lower Upper
105 100
120 41.0 34.2 51.4

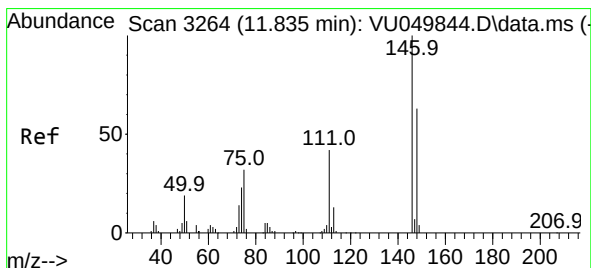
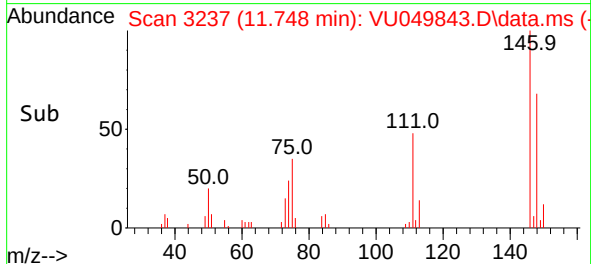
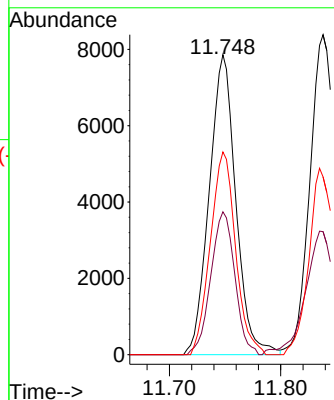
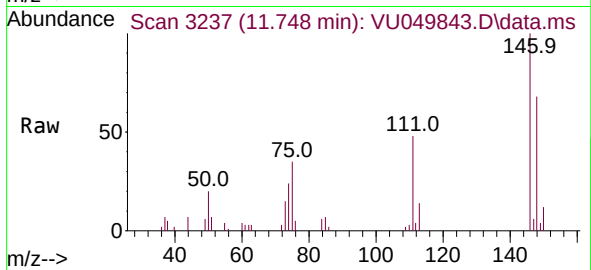




#64
1,3-Dichlorobenzene
Concen: 0.967 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU049843.D
Acq: 22 Jul 2022 10:38

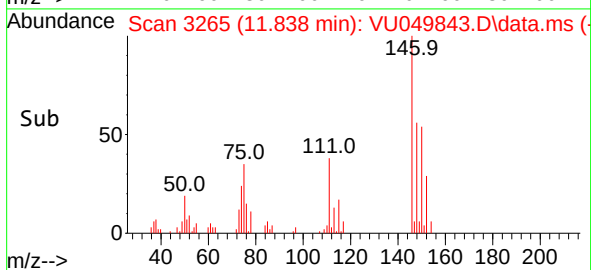
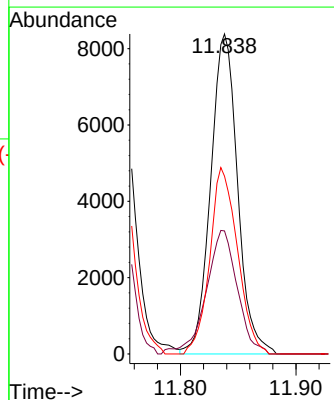
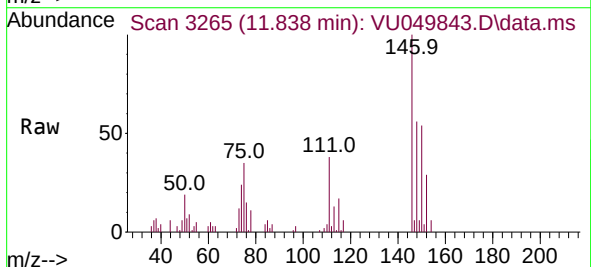
Instrument :
MSVOA_U
ClientSampleId :
VSTD001039

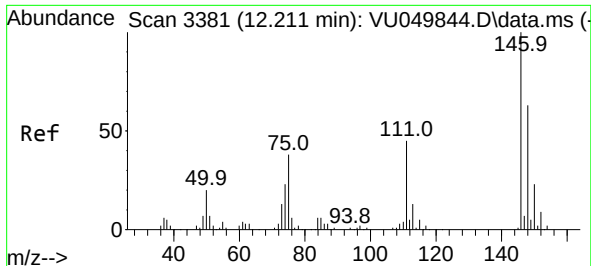
Tgt Ion:146 Resp: 13029
Ion Ratio Lower Upper
146 100
111 47.6 30.0 55.8
148 67.6 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 1.030 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU049843.D
Acq: 22 Jul 2022 10:38

Tgt Ion:146 Resp: 13601
Ion Ratio Lower Upper
146 100
111 38.4 29.5 54.7
148 55.6 44.1 81.9





#67

1,2-Dichlorobenzene

Concen: 1.044 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU049843.D

Acq: 22 Jul 2022 10:38

Instrument :

MSVOA_U

ClientSampleId :

VSTD001039

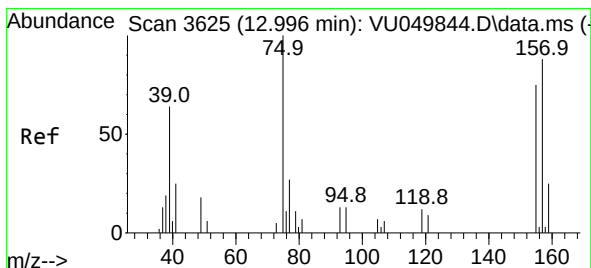
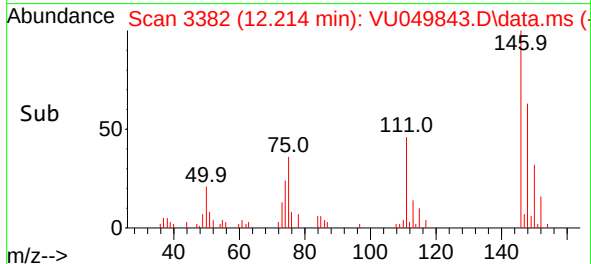
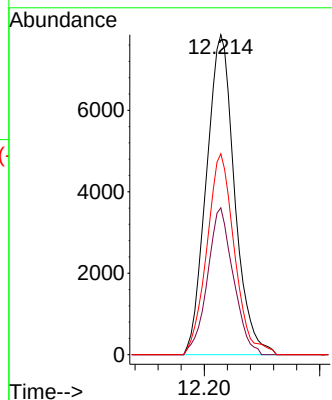
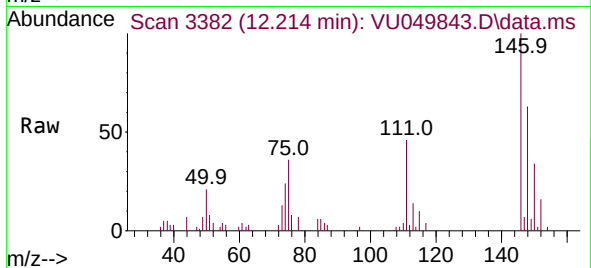
Tgt Ion:146 Resp: 13322

Ion Ratio Lower Upper

146 100

111 45.9 35.8 53.8

148 62.8 50.3 75.5



#68

1,2-Dibromo-3-chloropropane

Concen: 0.817 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. -0.000 min

Lab File: VU049843.D

Acq: 22 Jul 2022 10:38

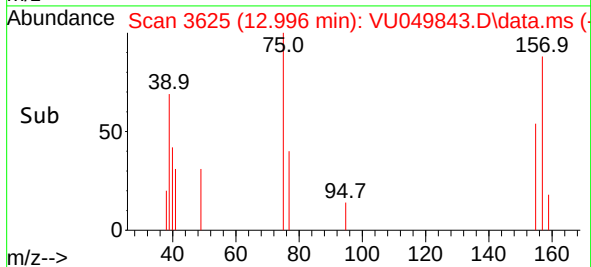
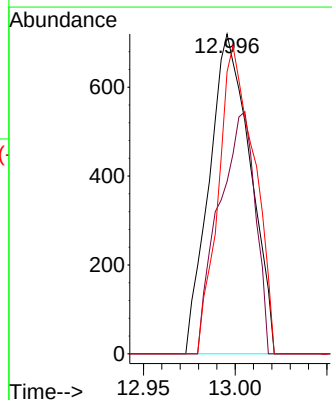
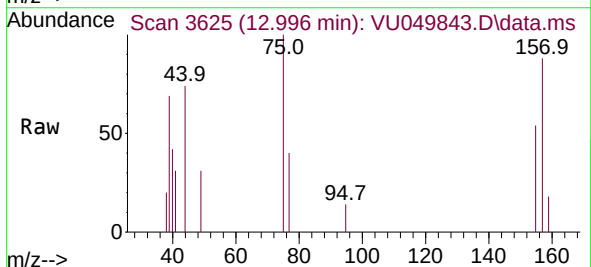
Tgt Ion: 75 Resp: 1121

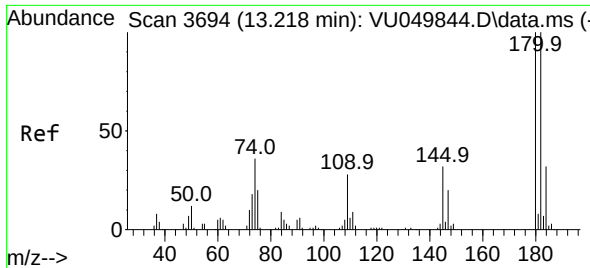
Ion Ratio Lower Upper

75 100

155 53.9 60.4 90.6#

157 88.2 70.0 105.0

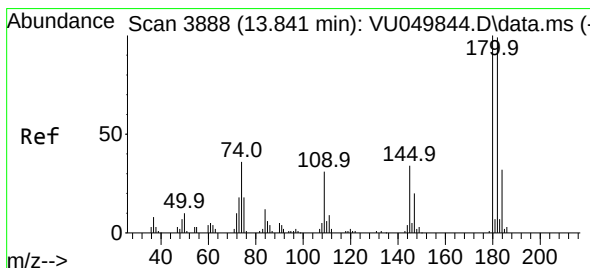
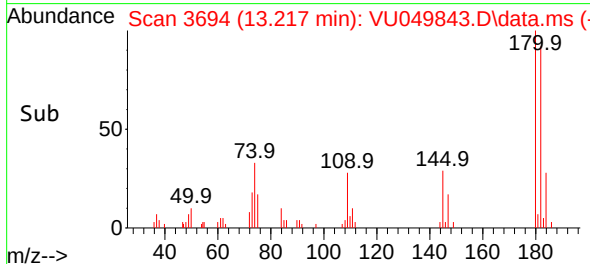
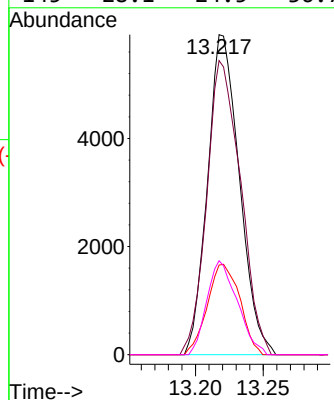
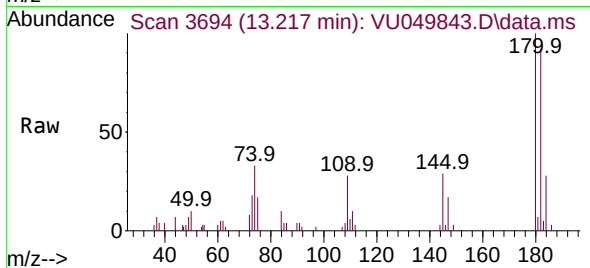




#69
1,3,5-Trichlorobenzene
Concen: 0.977 ug/L
RT: 13.217 min Scan# 3694
Delta R.T. -0.000 min
Lab File: VU049843.D
Acq: 22 Jul 2022 10:38

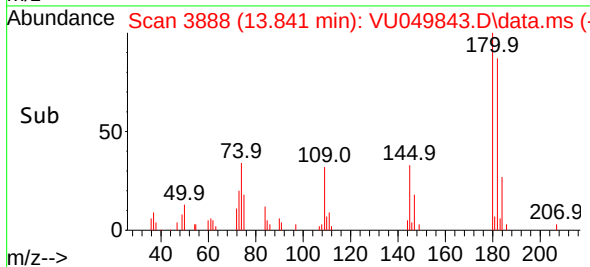
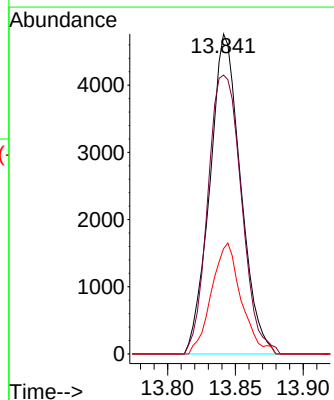
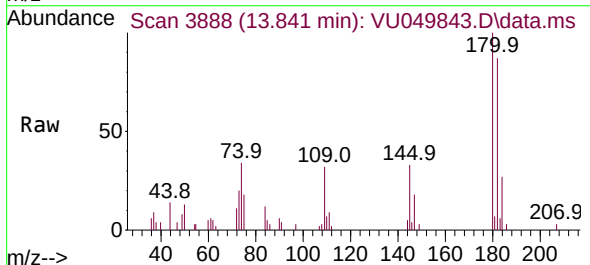
Instrument :
MSVOA_U
ClientSampleId :
VSTD001039

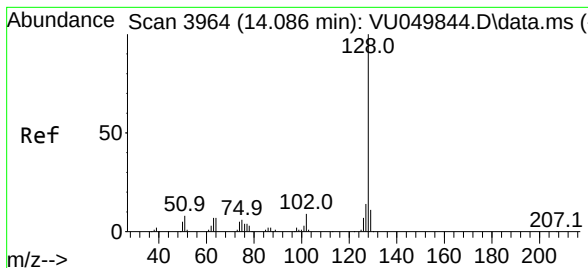
Tgt Ion:180	Resp:	9668
Ion Ratio	Lower	Upper
180	100	
182	97.2	77.2 115.8
184	28.8	25.3 37.9
145	28.1	24.5 36.7



#70
1,2,4-trichlorobenzene
Concen: 0.949 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. -0.000 min
Lab File: VU049843.D
Acq: 22 Jul 2022 10:38

Tgt Ion:180	Resp:	7522
Ion Ratio	Lower	Upper
180	100	
182	95.0	77.0 115.4
145	33.4	26.1 39.1





#71

Naphthalene

Concen: 0.907 ug/L

RT: 14.089 min Scan# 3964

Delta R.T. 0.003 min

Lab File: VU049843.D

Acq: 22 Jul 2022 10:38

Instrument :

MSVOA_U

ClientSampleId :

VSTD001039

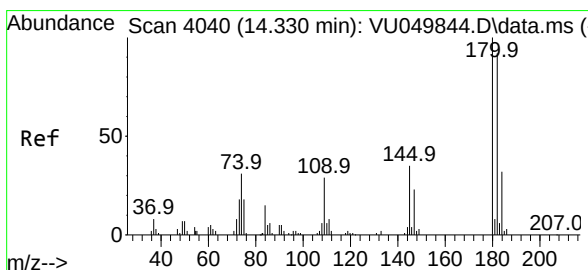
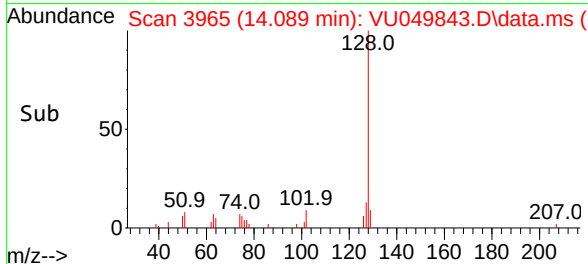
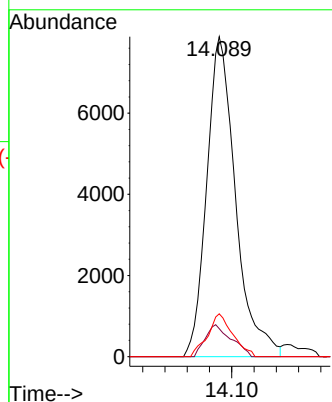
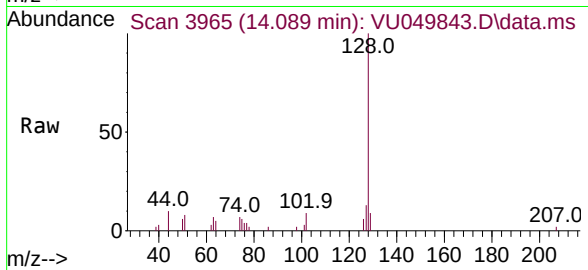
Tgt Ion:128 Resp: 14164

Ion Ratio Lower Upper

128 100

129 9.0 8.2 12.4

127 11.6 11.1 16.7



#72

1,2,3-Trichlorobenzene

Concen: 0.923 ug/L

RT: 14.330 min Scan# 4040

Delta R.T. -0.000 min

Lab File: VU049843.D

Acq: 22 Jul 2022 10:38

Tgt Ion:180 Resp: 6948

Ion Ratio Lower Upper

180 100

182 103.6 73.9 110.9

145 36.8 27.8 41.6

