

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091021\
 Data File : VU044618.D
 Acq On : 10 Sep 2021 09:21
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005104

Quant Time: Sep 11 00:21:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 10 01:38:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.257	114	147849	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.424	117	146494	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	75198	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	43375	4.972	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.400%
7) Chloroethane-d5	1.919	69	42835	4.811	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.200%
11) 1,1-Dichloroethene-d2	2.575	65	21330	4.841	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.800%
20) 2-Butanone-d5	4.642	46	149283	40.822	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.640%
24) Chloroform-d	5.073	84	89234	4.863	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	5.710	65	53502	4.890	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
32) Benzene-d6	5.736	84	183498	4.913	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
36) 1,2-Dichloropropane-d6	6.697	67	60298	4.915	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.400%
41) Toluene-d8	7.903	98	164265	5.052	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
43) trans-1,3-Dichloroprop...	8.186	79	22580	5.222	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.400%
46) 2-Hexanone-d5	8.642	63	141912	51.063	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.120%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	53828	4.949	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.000%
66) 1,2-Dichlorobenzene-d4	12.198	152	59025	4.757	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.389	85	60925	5.167	ug/L	100
3) Chloromethane	1.524	50	72658	5.126	ug/L	98
5) Vinyl chloride	1.607	62	76621	5.300	ug/L	97
6) Bromomethane	1.864	94	37975	5.126	ug/L	99
8) Chloroethane	1.942	64	48722	5.288	ug/L	99
9) Trichlorofluoromethane	2.144	101	88782	5.454	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	54262	5.430	ug/L	99
12) 1,1-Dichloroethene	2.588	96	51157	5.386	ug/L	94
13) Acetone	2.649	43	89505	37.579	ug/L	90
14) Carbon disulfide	2.800	76	155817	5.182	ug/L	99
15) Methyl Acetate	2.964	43	21739	5.055	ug/L	98
16) Methylene chloride	3.054	84	65527	4.338	ug/L	98
17) Methyl tert-butyl Ether	3.376	73	138915	5.291	ug/L	100
18) trans-1,2-Dichloroethene	3.363	96	53620	5.311	ug/L	98
19) 1,1-Dichloroethane	3.880	63	108255	5.303	ug/L	98
21) 2-Butanone	4.723	43	152672	38.390	ug/L	83
22) cis-1,2-Dichloroethene	4.675	96	58606	5.265	ug/L	97
23) Bromochloromethane	4.983	128	25461	5.399	ug/L	95
25) Chloroform	5.096	83	114201	5.250	ug/L	98

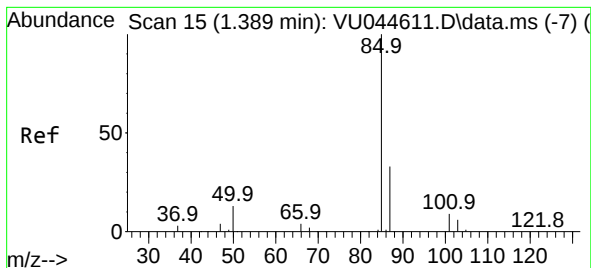
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091021\
 Data File : VU044618.D
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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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Quant Time: Sep 11 00:21:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 10 01:38:15 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	74886	5.258	ug/L	98
29) 1,1,1-Trichloroethane	5.324	97	87253	5.466	ug/L	99
30) Cyclohexane	5.398	56	97312	5.323	ug/L	99
31) Carbon tetrachloride	5.533	117	68271	5.465	ug/L	99
33) Benzene	5.784	78	237374	5.460	ug/L	100
34) Trichloroethene	6.549	95	56959	5.292	ug/L	97
35) Methylcyclohexane	6.771	83	95837	5.418	ug/L	99
37) 1,2-Dichloropropane	6.797	63	62924	5.401	ug/L	100
38) Bromodichloromethane	7.112	83	78502	5.557	ug/L	96
39) cis-1,3-Dichloropropene	7.613	75	88001	5.332	ug/L	98
40) 4-Methyl-2-pentanone	7.800	43	507607	55.976	ug/L	98
42) Toluene	7.974	91	249666	5.498	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	78570	5.579	ug/L	99
45) 1,1,2-Trichloroethane	8.408	97	46131	5.569	ug/L	98
47) Tetrachloroethene	8.559	164	40397	5.405	ug/L	98
48) 2-Hexanone	8.694	43	373672	55.361	ug/L	99
49) Dibromochloromethane	8.816	129	48936	5.623	ug/L	99
50) 1,2-Dibromoethane	8.932	107	43671	5.600	ug/L	96
51) Chlorobenzene	9.453	112	150551	5.348	ug/L	99
52) Ethylbenzene	9.575	91	263756	5.363	ug/L	99
53) m,p-Xylene	9.700	106	101549	5.430	ug/L	99
54) o-Xylene	10.105	106	97639	5.465	ug/L	99
55) Styrene	10.118	104	173610	5.551	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.787	83	62073	5.581	ug/L	98
59) Bromoform	10.298	173	26805	5.735	ug/L	100
60) Isopropylbenzene	10.491	105	260074	5.525	ug/L	100
61) 1,2,3-Trichloropropane	10.829	75	46007	5.537	ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	215277	5.507	ug/L	100
63) 1,2,4-Trimethylbenzene	11.472	105	224098	5.582	ug/L	99
64) 1,3-Dichlorobenzene	11.752	146	118984	5.421	ug/L	99
65) 1,4-Dichlorobenzene	11.842	146	121663	5.373	ug/L	97
67) 1,2-Dichlorobenzene	12.218	146	112746	5.412	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.002	75	9874	5.404	ug/L	86
69) 1,3,5-Trichlorobenzene	13.224	180	87104	5.221	ug/L	99
70) 1,2,4-trichlorobenzene	13.845	180	71997	5.116	ug/L	99
71) Naphthalene	14.092	128	129412	4.713	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	66353	5.122	ug/L	99

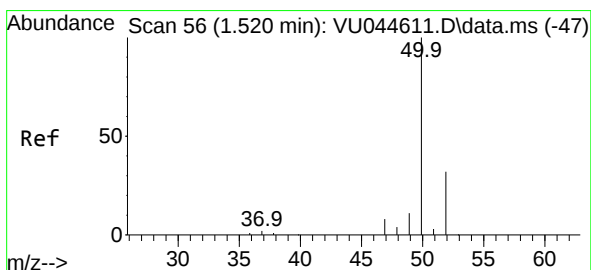
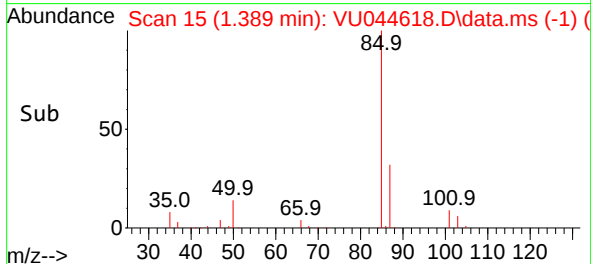
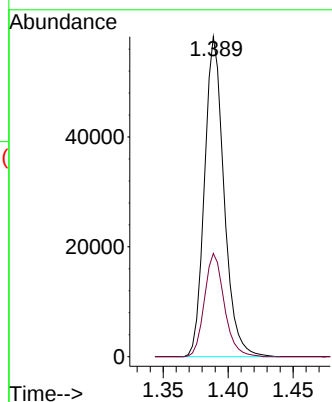
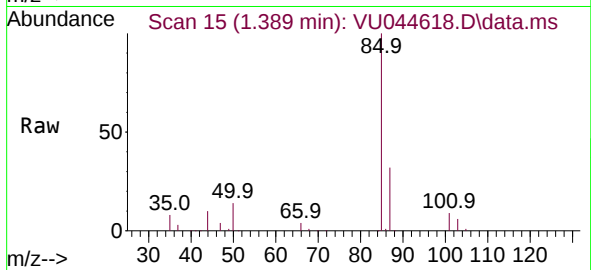
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 5.167 ug/L
RT: 1.389 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU044618.D
Acq: 10 Sep 2021 09:21

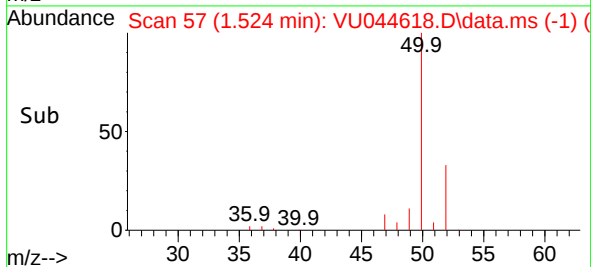
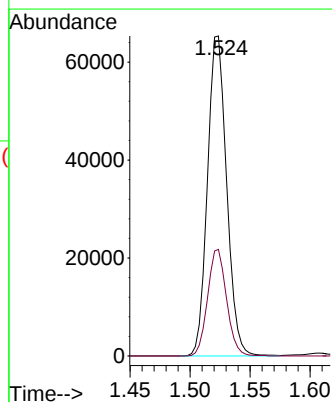
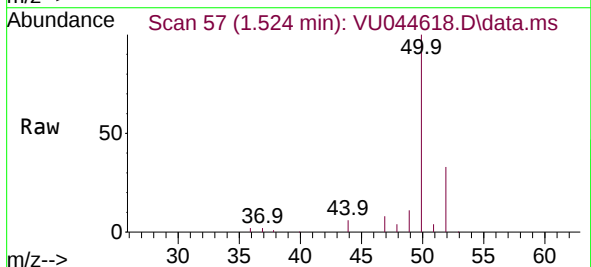
Instrument :
MSVOA_U
ClientSampleId :
VSTD005104

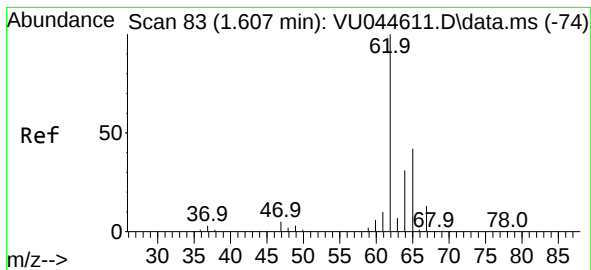
Tgt Ion: 85 Resp: 60925
Ion Ratio Lower Upper
85 100
87 32.7 26.0 39.0



#3
Chloromethane
Concen: 5.126 ug/L
RT: 1.524 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU044618.D
Acq: 10 Sep 2021 09:21

Tgt Ion: 50 Resp: 72658
Ion Ratio Lower Upper
50 100
52 33.3 22.6 42.0





#5

Vinyl chloride

Concen: 5.300 ug/L

RT: 1.607 min Scan# 83

Delta R.T. 0.000 min

Lab File: VU044618.D

Acq: 10 Sep 2021 09:21

Instrument :

MSVOA_U

ClientSampleId :

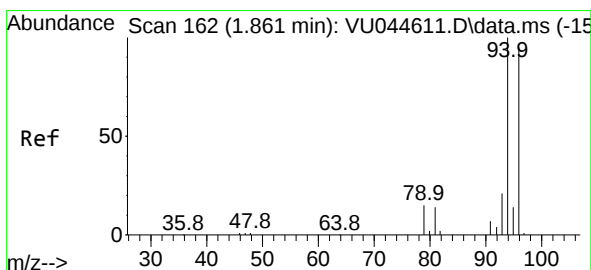
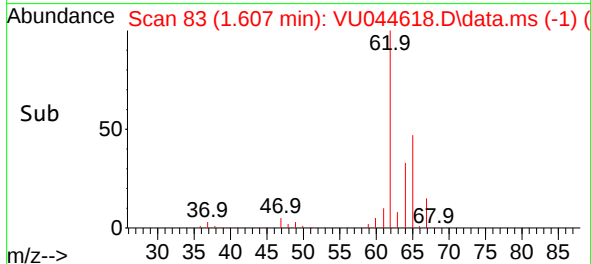
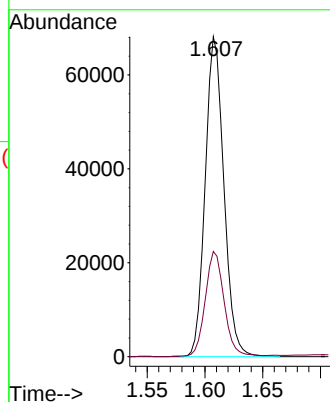
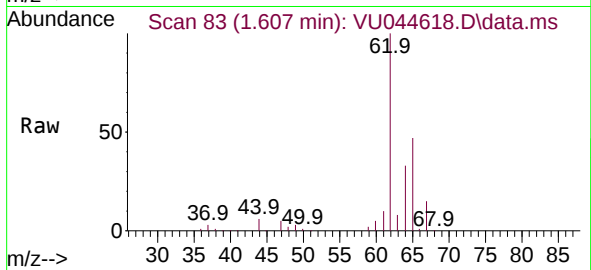
VSTD005104

Tgt Ion: 62 Resp: 76621

Ion Ratio Lower Upper

62 100

64 32.9 22.0 40.8



#6

Bromomethane

Concen: 5.126 ug/L

RT: 1.864 min Scan# 163

Delta R.T. 0.003 min

Lab File: VU044618.D

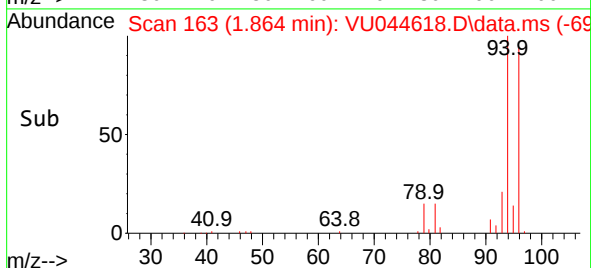
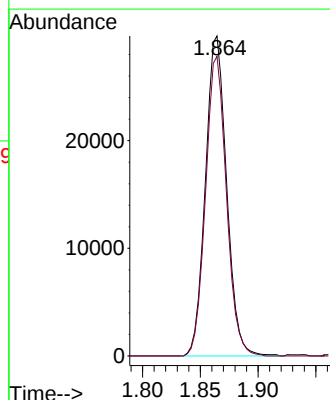
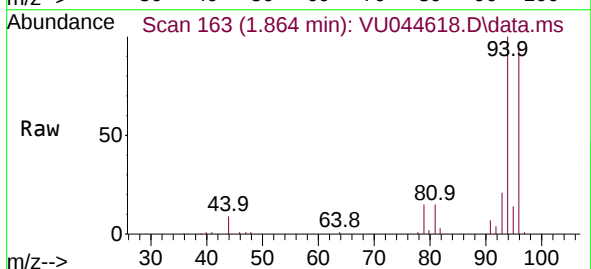
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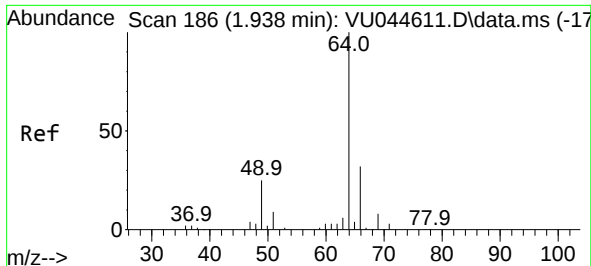
Tgt Ion: 94 Resp: 37975

Ion Ratio Lower Upper

94 100

96 93.6 66.4 123.4

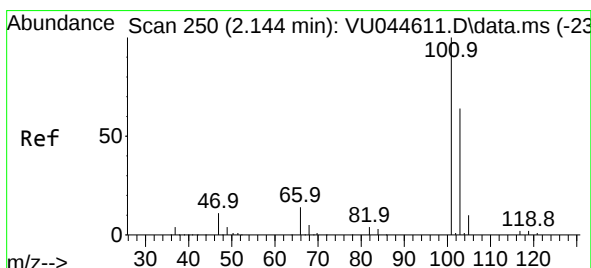
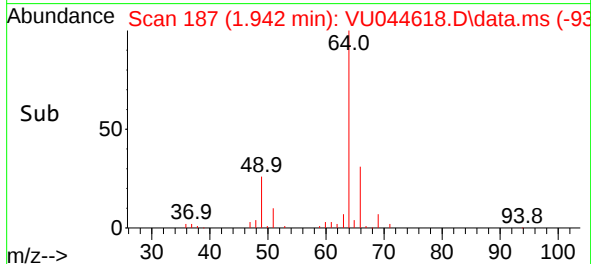
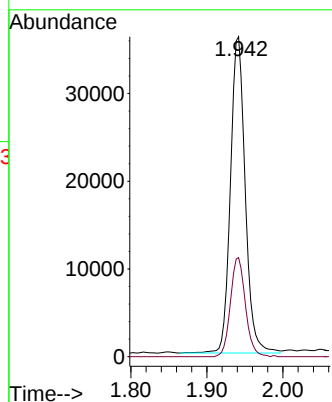
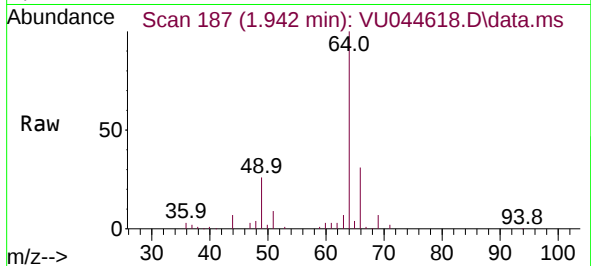




#8
Chloroethane
Concen: 5.288 ug/L
RT: 1.942 min Scan# 187
Delta R.T. 0.003 min
Lab File: VU044618.D
Acq: 10 Sep 2021 09:21

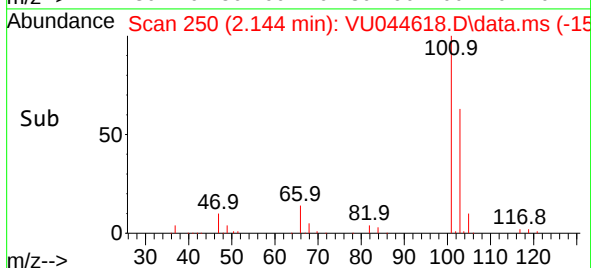
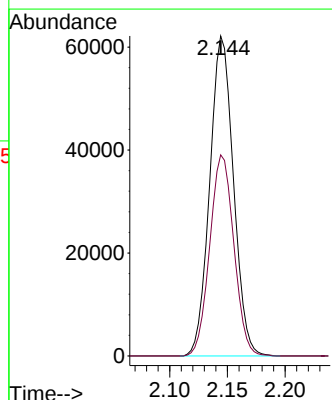
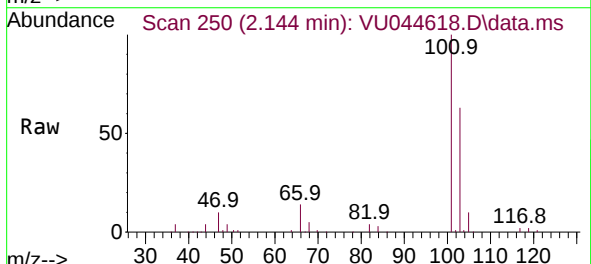
Instrument :
MSVOA_U
ClientSampleId :
VSTD005104

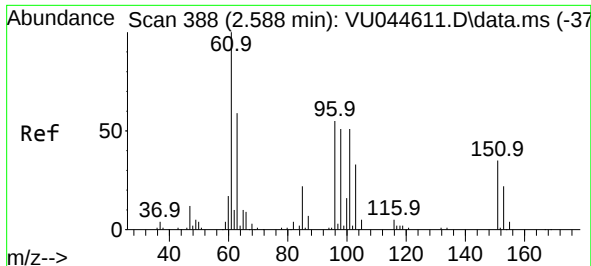
Tgt Ion: 64 Resp: 48722
Ion Ratio Lower Upper
64 100
66 31.0 22.1 41.1



#9
Trichlorofluoromethane
Concen: 5.454 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU044618.D
Acq: 10 Sep 2021 09:21

Tgt Ion:101 Resp: 88782
Ion Ratio Lower Upper
101 100
103 63.7 51.2 76.8

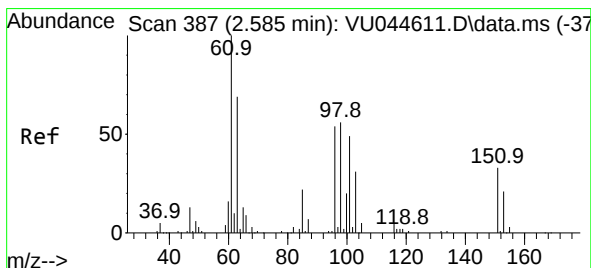
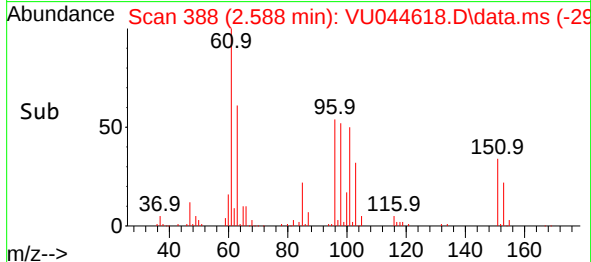
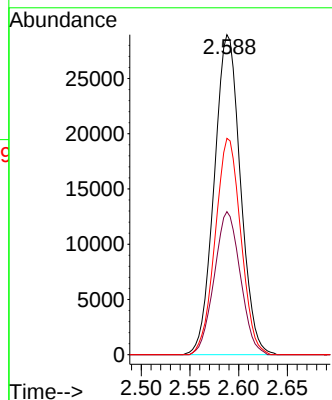
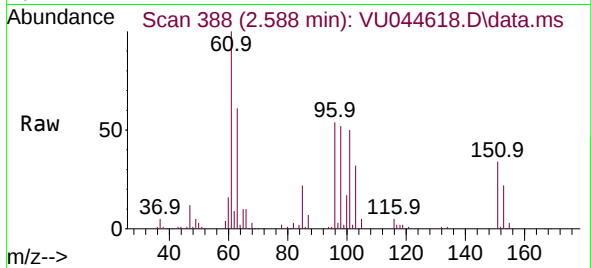




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.430 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU044618.D
 Acq: 10 Sep 2021 09:21

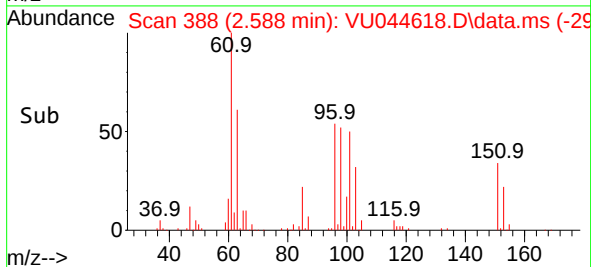
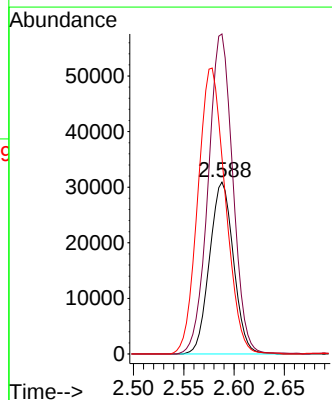
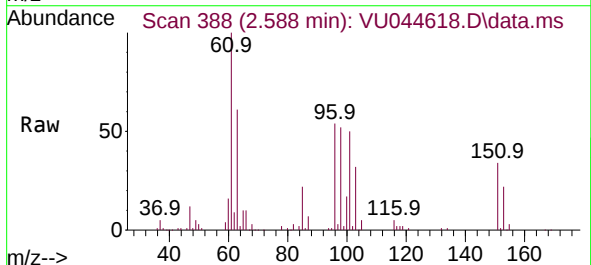
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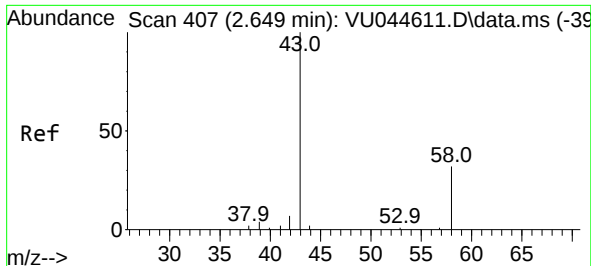
Tgt Ion:101 Resp: 54262
 Ion Ratio Lower Upper
 101 100
 85 44.3 35.4 53.2
 151 66.1 53.9 80.9



#12
 1,1-Dichloroethene
 Concen: 5.386 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.003 min
 Lab File: VU044618.D
 Acq: 10 Sep 2021 09:21

Tgt Ion: 96 Resp: 51157
 Ion Ratio Lower Upper
 96 100
 61 186.1 129.3 240.1
 63 114.3 91.3 169.5

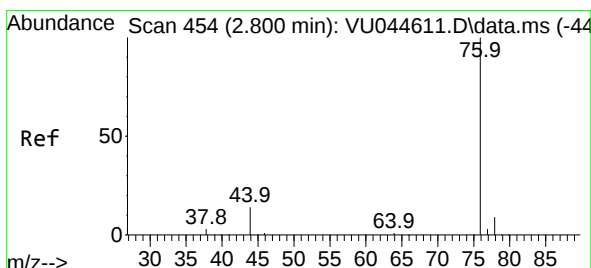
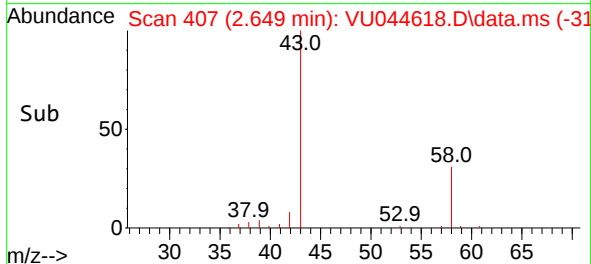
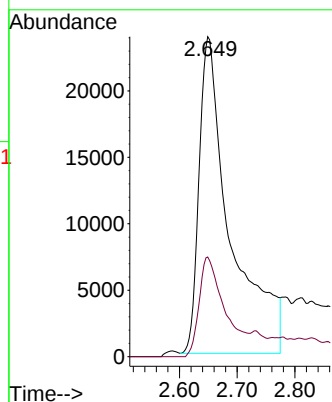
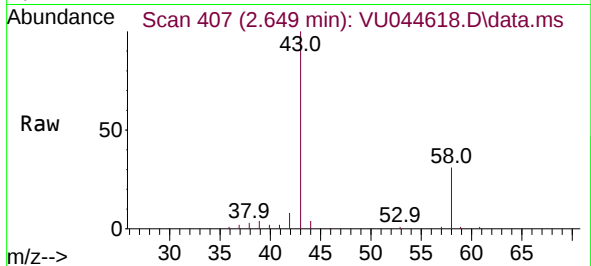




#13
Acetone
Concen: 37.579 ug/L
RT: 2.649 min Scan# 407
Delta R.T. 0.000 min
Lab File: VU044618.D
Acq: 10 Sep 2021 09:21

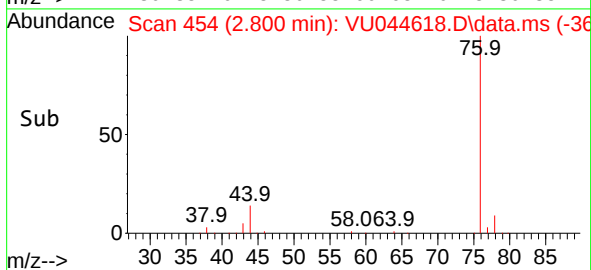
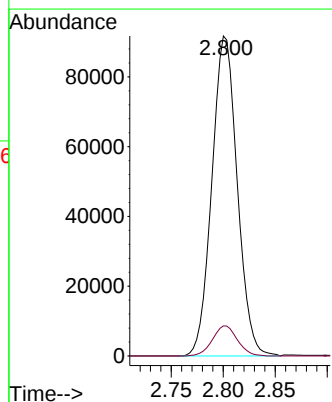
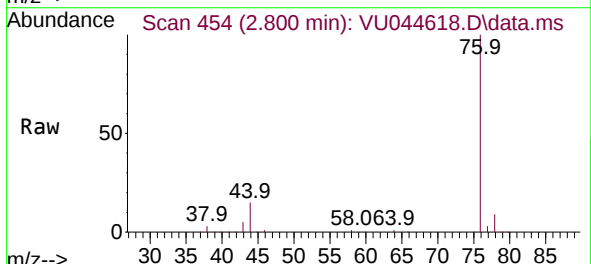
Instrument :
MSVOA_U
ClientSampleId :
VSTD005104

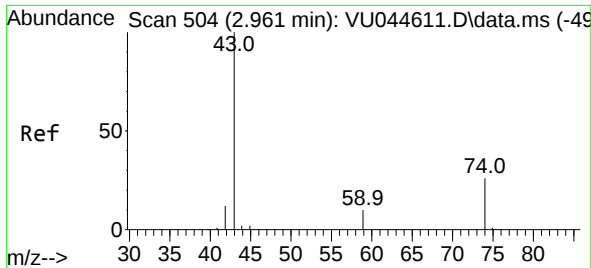
Tgt Ion: 43 Resp: 89505
Ion Ratio Lower Upper
43 100
58 26.0 0.0 42.4



#14
Carbon disulfide
Concen: 5.182 ug/L
RT: 2.800 min Scan# 454
Delta R.T. 0.000 min
Lab File: VU044618.D
Acq: 10 Sep 2021 09:21

Tgt Ion: 76 Resp: 155817
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0

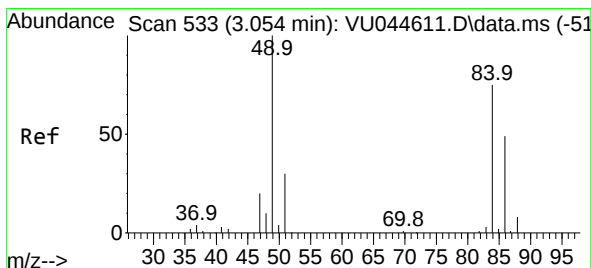
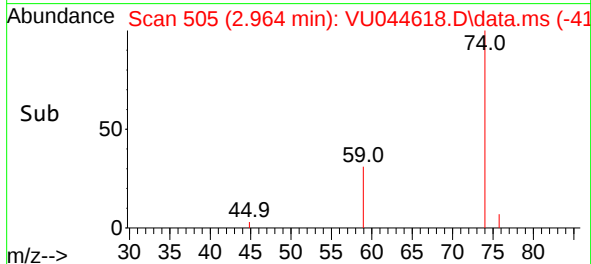
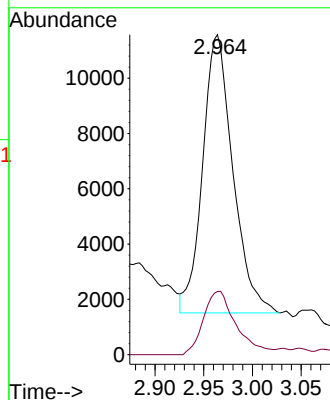
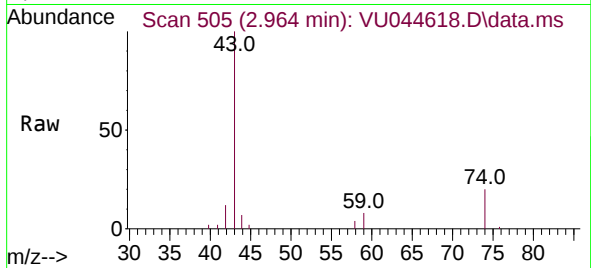




#15
Methyl Acetate
Concen: 5.055 ug/L
RT: 2.964 min Scan# 505
Delta R.T. 0.003 min
Lab File: VU044618.D
Acq: 10 Sep 2021 09:21

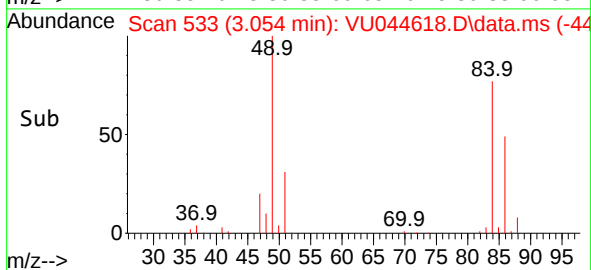
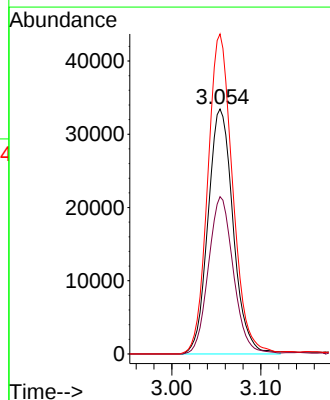
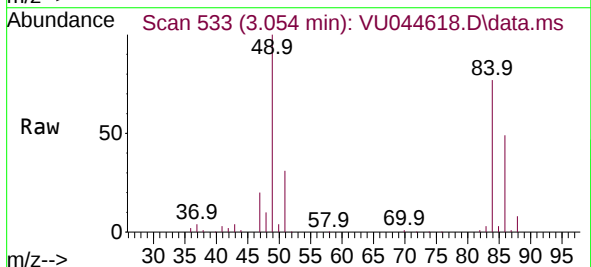
Instrument :
MSVOA_U
ClientSampleId :
VSTD005104

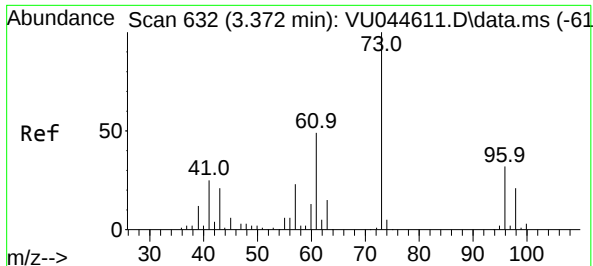
Tgt Ion: 43 Resp: 21739
Ion Ratio Lower Upper
43 100
74 24.7 20.6 30.8



#16
Methylene chloride
Concen: 4.338 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU044618.D
Acq: 10 Sep 2021 09:21

Tgt Ion: 84 Resp: 65527
Ion Ratio Lower Upper
84 100
86 64.2 45.8 85.2
49 130.7 92.9 172.5



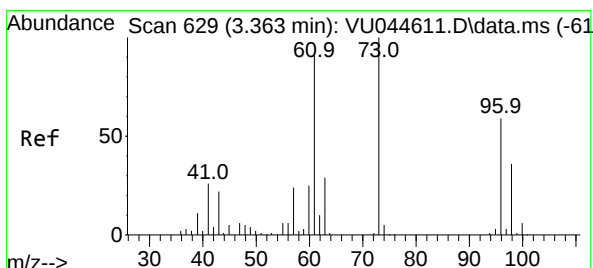
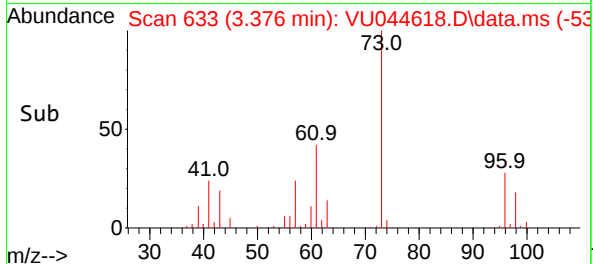
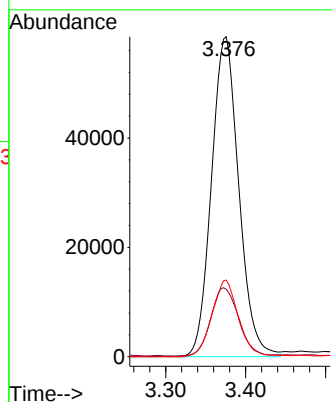
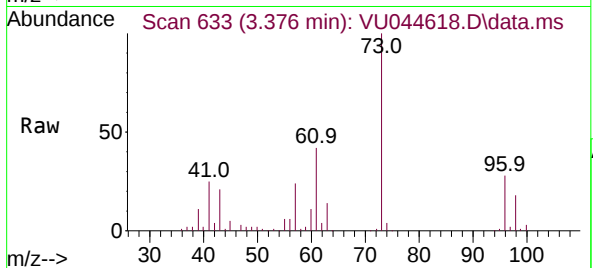


#17

Methyl tert-butyl Ether
Concen: 5.291 ug/L
RT: 3.376 min Scan# 633
Delta R.T. 0.003 min
Lab File: VU044618.D
Acq: 10 Sep 2021 09:21

Instrument :
MSVOA_U
ClientSampleId :
VSTD005104

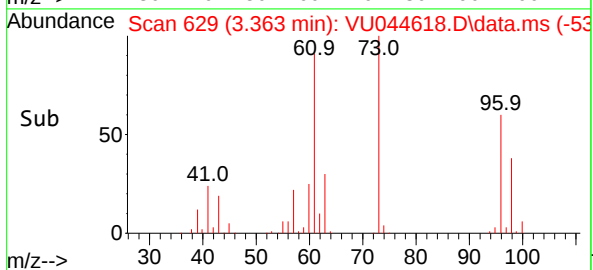
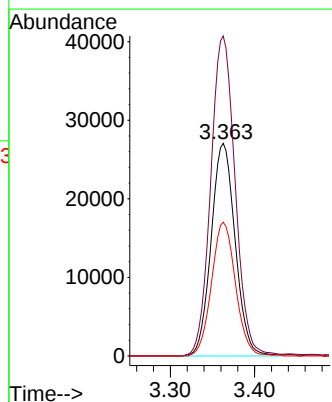
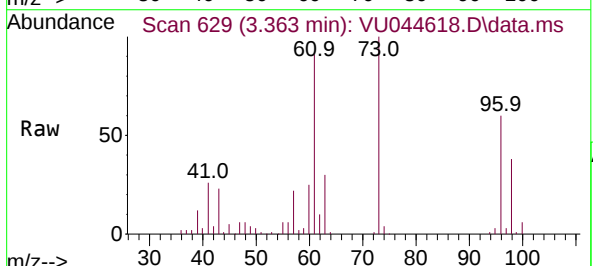
Tgt Ion: 73 Resp: 138915
Ion Ratio Lower Upper
73 100
43 21.8 17.8 26.6
57 23.2 18.6 27.8

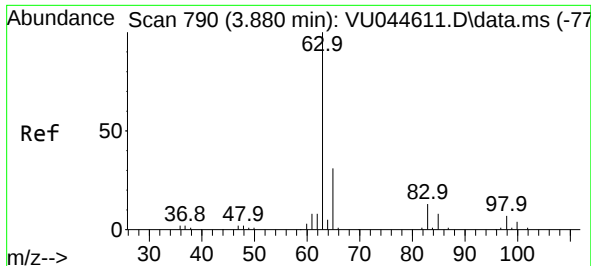


#18

trans-1,2-Dichloroethene
Concen: 5.311 ug/L
RT: 3.363 min Scan# 629
Delta R.T. 0.000 min
Lab File: VU044618.D
Acq: 10 Sep 2021 09:21

Tgt Ion: 96 Resp: 53620
Ion Ratio Lower Upper
96 100
61 150.5 107.2 199.0
98 63.0 42.8 79.6

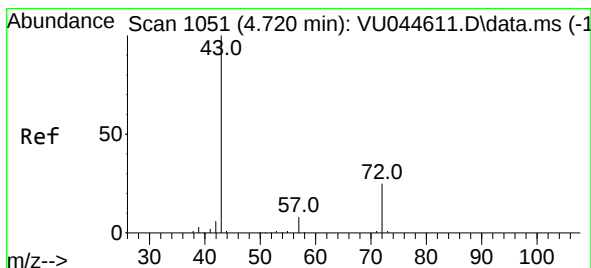
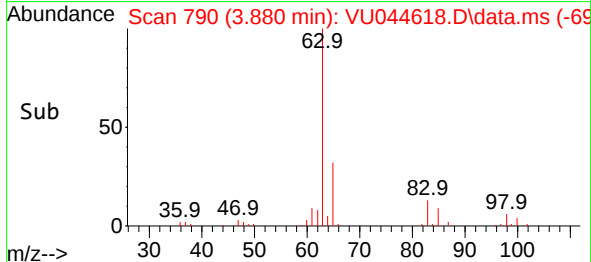
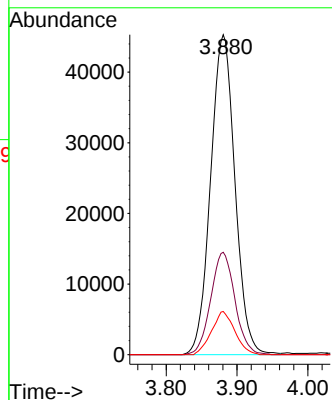
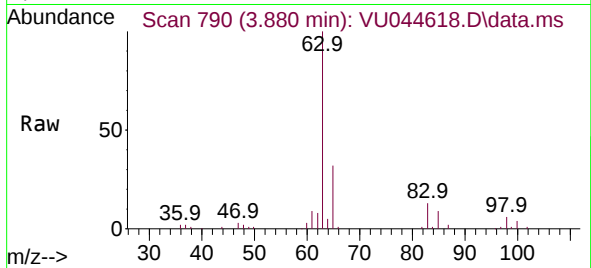




#19
1,1-Dichloroethane
Concen: 5.303 ug/L
RT: 3.880 min Scan# 790
Delta R.T. 0.000 min
Lab File: VU044618.D
Acq: 10 Sep 2021 09:21

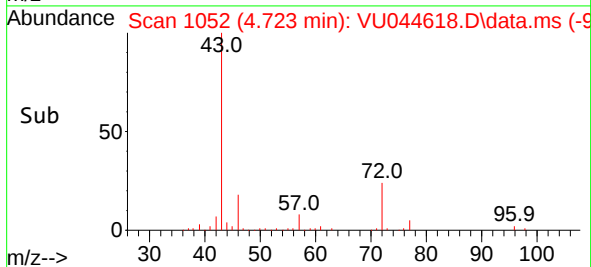
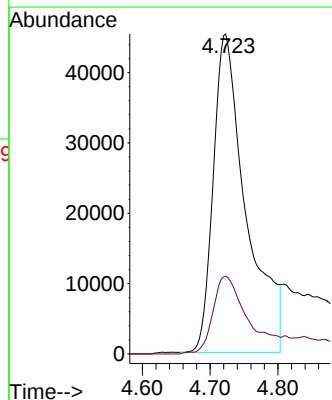
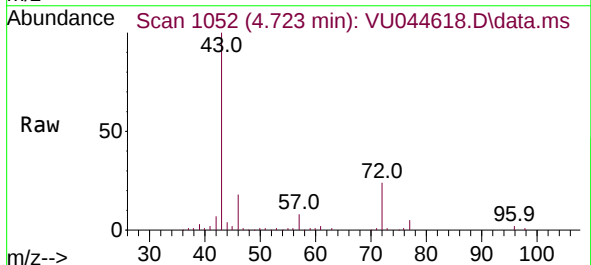
Instrument :
MSVOA_U
ClientSampleId :
VSTD005104

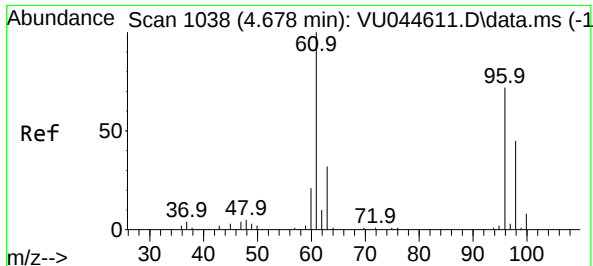
Tgt Ion:	63	Resp:	108255
Ion	Ratio	Lower	Upper
63	100		
65	32.0	21.8	40.6
83	13.5	8.8	16.3



#21
2-Butanone
Concen: 38.390 ug/L
RT: 4.723 min Scan# 1052
Delta R.T. 0.003 min
Lab File: VU044618.D
Acq: 10 Sep 2021 09:21

Tgt Ion:	43	Resp:	152672
Ion	Ratio	Lower	Upper
43	100		
72	25.9	9.2	27.4

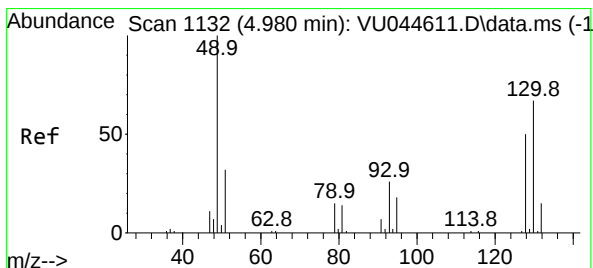
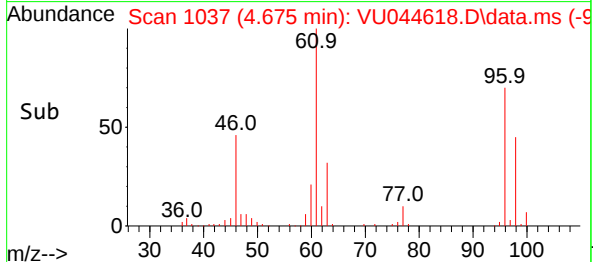
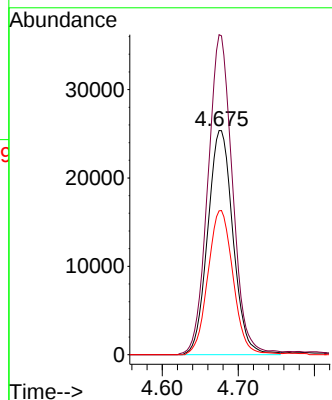
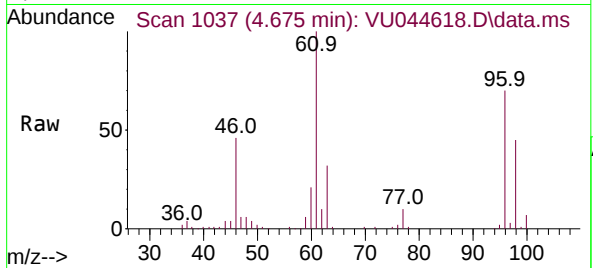




#22
 cis-1,2-Dichloroethene
 Concen: 5.265 ug/L
 RT: 4.675 min Scan# 1037
 Delta R.T. -0.003 min
 Lab File: VU044618.D
 Acq: 10 Sep 2021 09:21

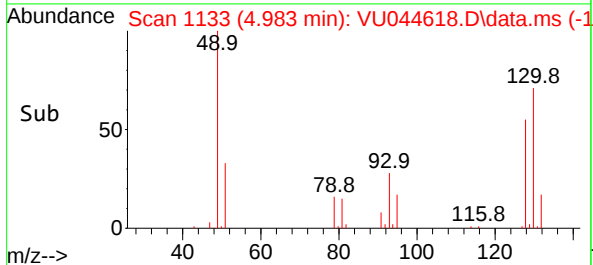
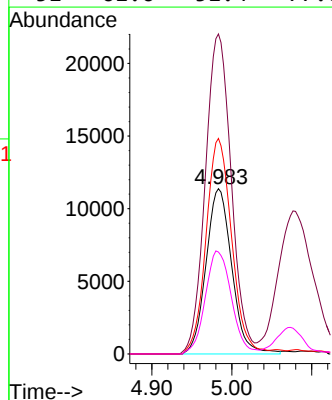
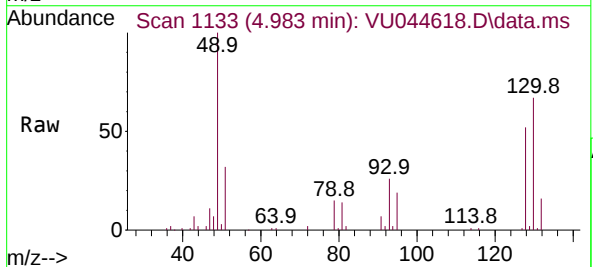
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005104

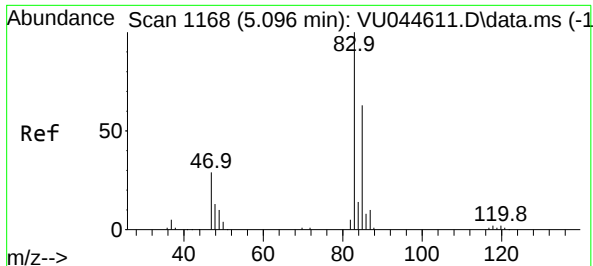
Tgt Ion:	96	Resp:	58606
Ion	Ratio	Lower	Upper
96	100		
61	142.7	96.9	179.9
98	64.2	43.5	80.7



#23
 Bromochloromethane
 Concen: 5.399 ug/L
 RT: 4.983 min Scan# 1133
 Delta R.T. 0.003 min
 Lab File: VU044618.D
 Acq: 10 Sep 2021 09:21

Tgt Ion:	128	Resp:	25461
Ion	Ratio	Lower	Upper
128	100		
49	193.5	141.4	262.6
130	130.4	94.3	175.1
51	61.6	51.4	77.0



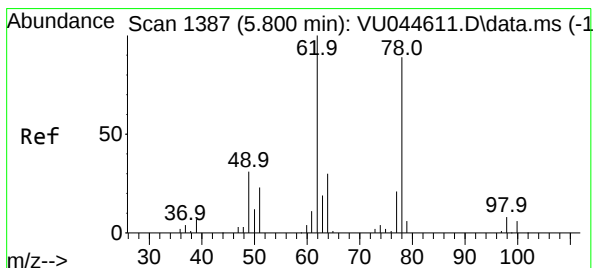
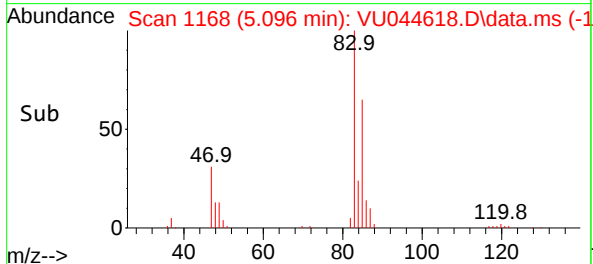
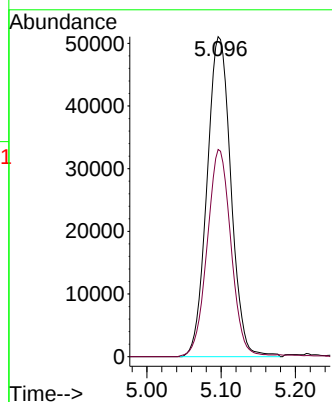
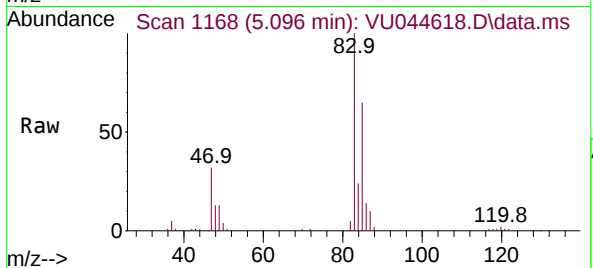


#25

Chloroform
Concen: 5.250 ug/L
RT: 5.096 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VU044618.D
Acq: 10 Sep 2021 09:21

Instrument :
MSVOA_U
ClientSampleId :
VSTD005104

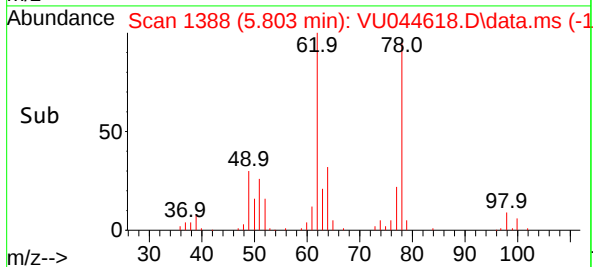
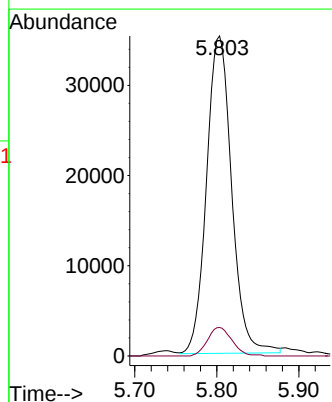
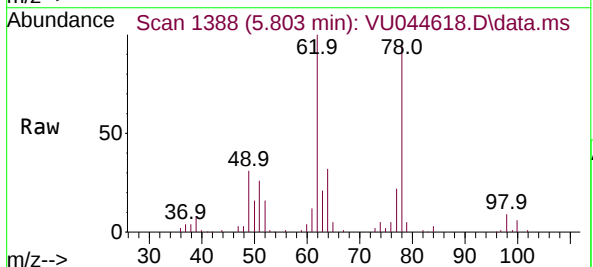
Tgt Ion: 83 Resp: 114201
Ion Ratio Lower Upper
83 100
85 64.8 44.2 82.0

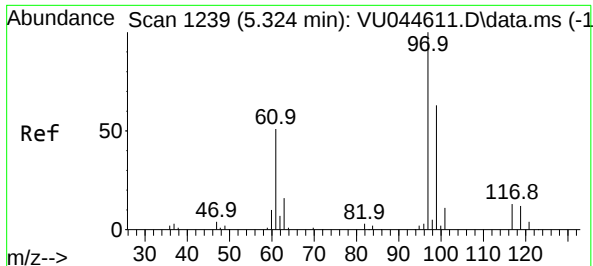


#27

1,2-Dichloroethane
Concen: 5.258 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. 0.003 min
Lab File: VU044618.D
Acq: 10 Sep 2021 09:21

Tgt Ion: 62 Resp: 74886
Ion Ratio Lower Upper
62 100
98 8.9 6.6 10.0



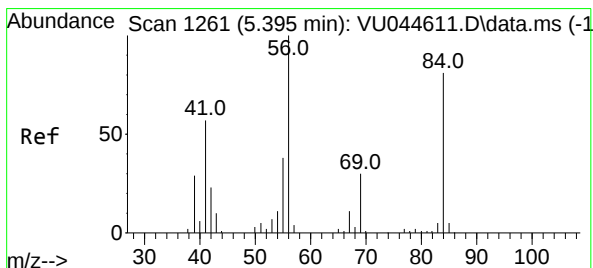
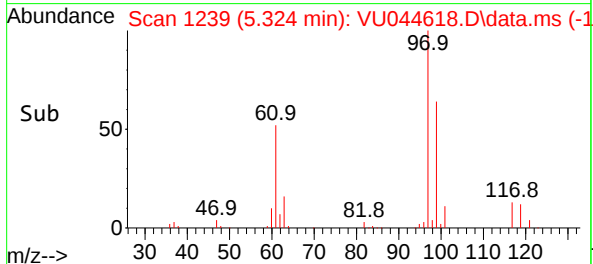
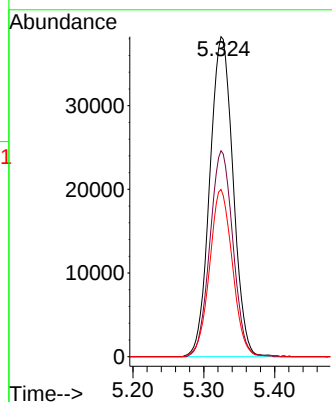
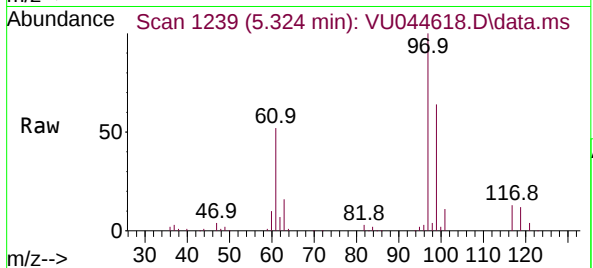


#29

1,1,1-Trichloroethane
Concen: 5.466 ug/L
RT: 5.324 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VU044618.D
Acq: 10 Sep 2021 09:21

Instrument :
MSVOA_U
ClientSampleId :
VSTD005104

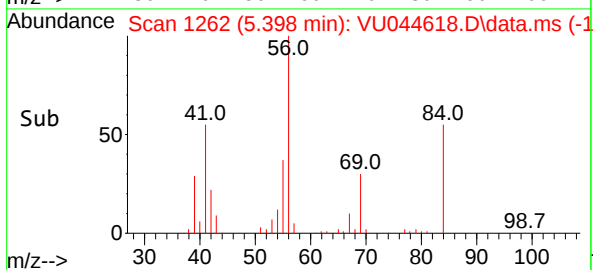
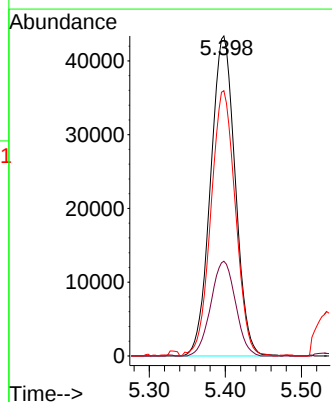
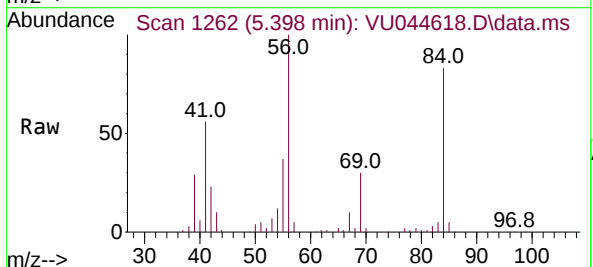
Tgt Ion:	97	Resp:	87253
Ion	Ratio	Lower	Upper
97	100		
99	63.7	50.7	76.1
61	51.3	40.6	60.8

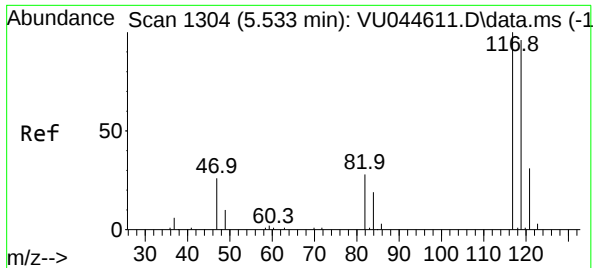


#30

Cyclohexane
Concen: 5.323 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VU044618.D
Acq: 10 Sep 2021 09:21

Tgt Ion:	56	Resp:	97312
Ion	Ratio	Lower	Upper
56	100		
69	29.7	23.4	35.2
84	82.5	65.5	98.3

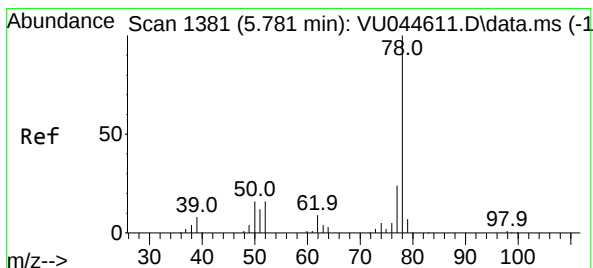
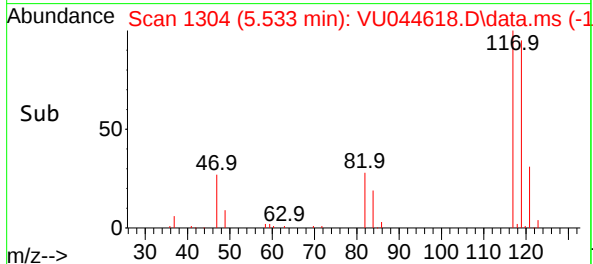
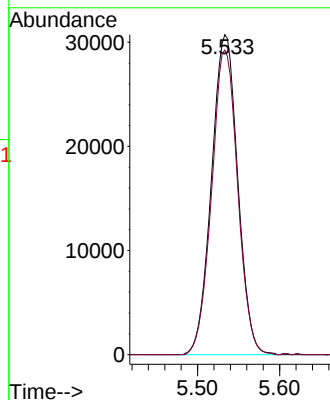
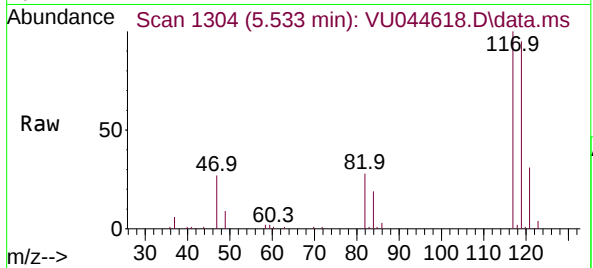




#31
Carbon tetrachloride
Concen: 5.465 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VU044618.D
Acq: 10 Sep 2021 09:21

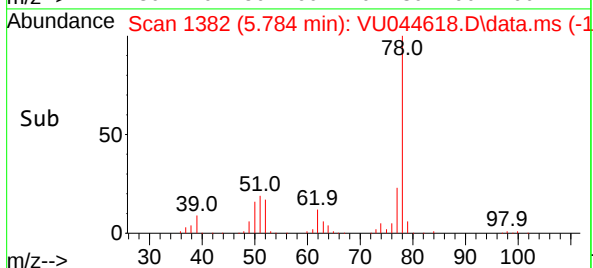
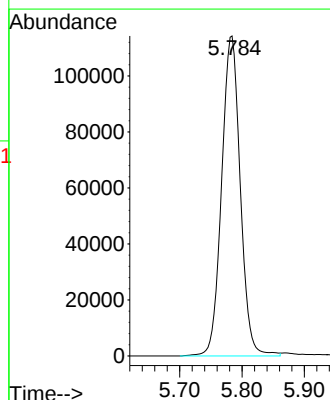
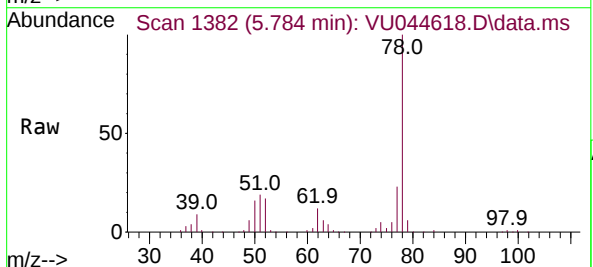
Instrument :
MSVOA_U
ClientSampleId :
VSTD005104

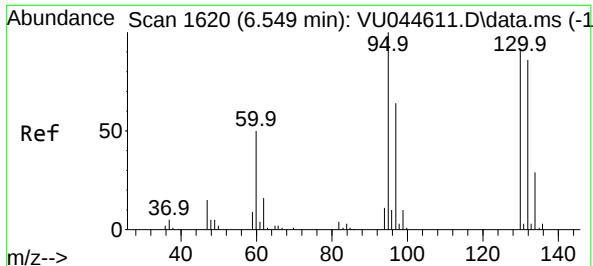
Tgt Ion:117 Resp: 68271
Ion Ratio Lower Upper
117 100
119 94.4 76.4 114.6



#33
Benzene
Concen: 5.460 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.003 min
Lab File: VU044618.D
Acq: 10 Sep 2021 09:21

Tgt Ion: 78 Resp: 237374



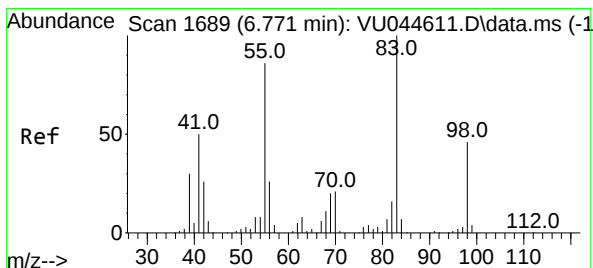
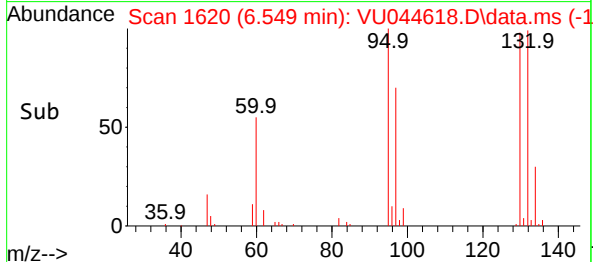
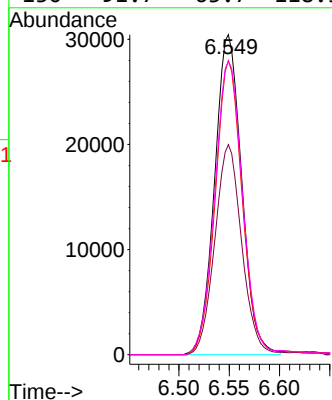
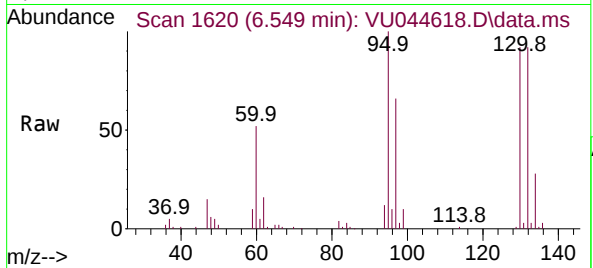


#34
Trichloroethene
Concen: 5.292 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VU044618.D
Acq: 10 Sep 2021 09:21

Instrument :
MSVOA_U
ClientSampleId :
VSTD005104

Tgt Ion: 95 Resp: 56959

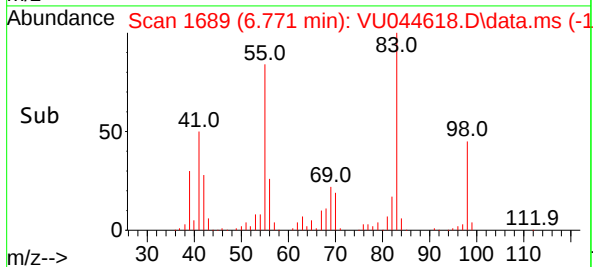
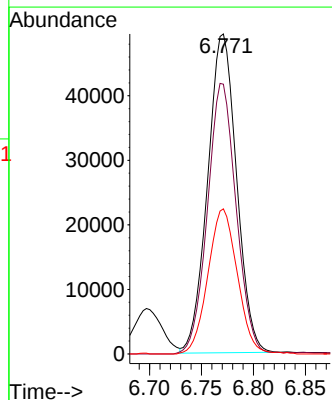
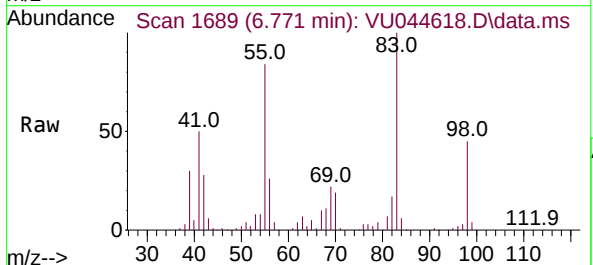
Ion	Ratio	Lower	Upper
95	100		
97	65.7	44.7	82.9
132	91.9	60.3	111.9
130	91.7	63.7	118.3

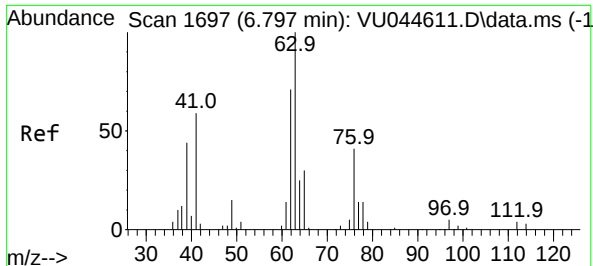


#35
Methylcyclohexane
Concen: 5.418 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VU044618.D
Acq: 10 Sep 2021 09:21

Tgt Ion: 83 Resp: 95837

Ion	Ratio	Lower	Upper
83	100		
55	84.2	68.3	102.5
98	46.3	37.3	55.9



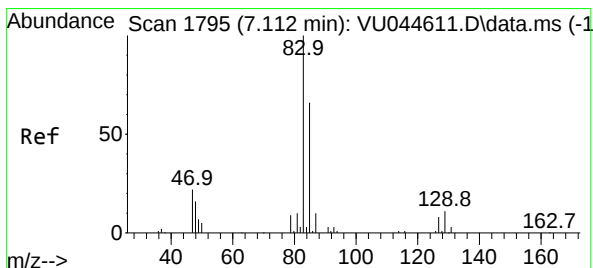
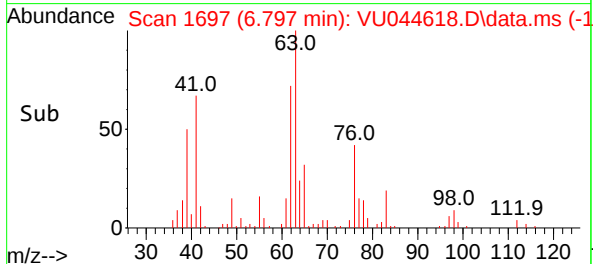
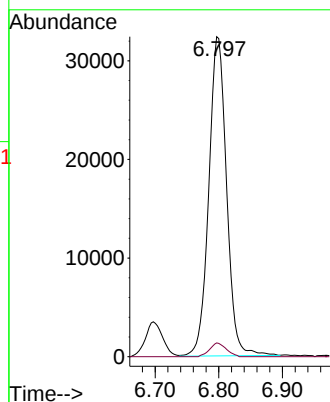
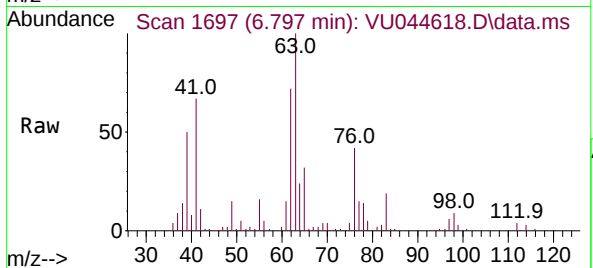


#37

1,2-Dichloropropane
Concen: 5.401 ug/L
RT: 6.797 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VU044618.D
Acq: 10 Sep 2021 09:21

Instrument :
MSVOA_U
ClientSampled :
VSTD005104

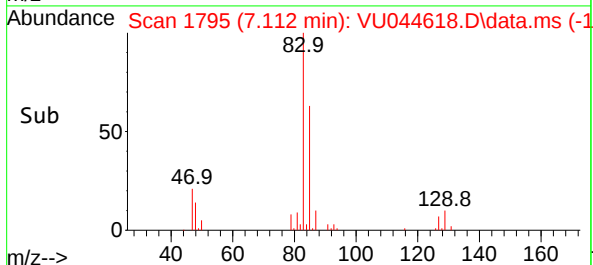
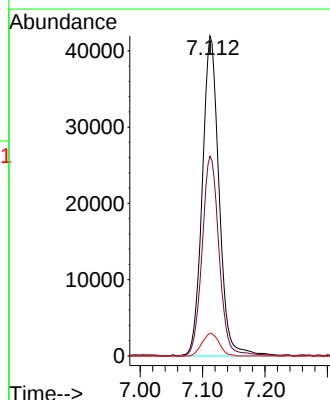
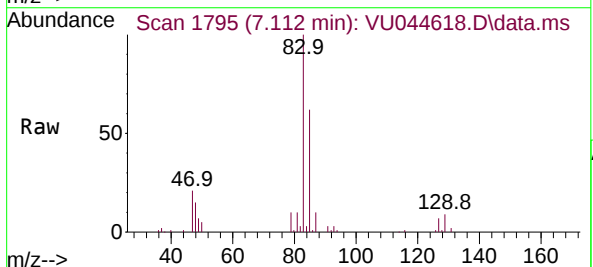
Tgt Ion: 63 Resp: 62924
Ion Ratio Lower Upper
63 100
112 4.0 3.1 4.7

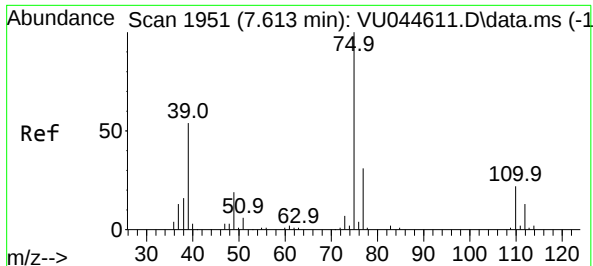


#38

Bromodichloromethane
Concen: 5.557 ug/L
RT: 7.112 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VU044618.D
Acq: 10 Sep 2021 09:21

Tgt Ion: 83 Resp: 78502
Ion Ratio Lower Upper
83 100
85 62.4 46.3 86.1
127 7.1 6.0 9.0



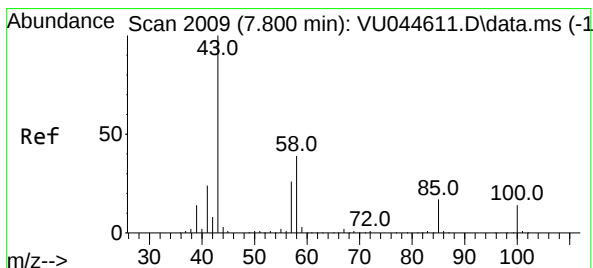
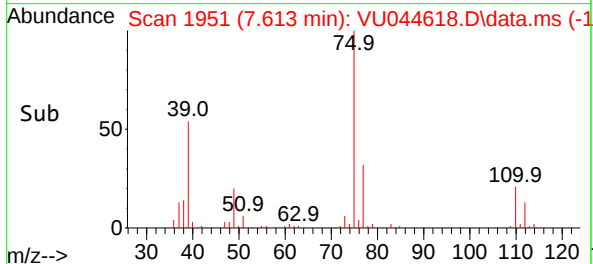
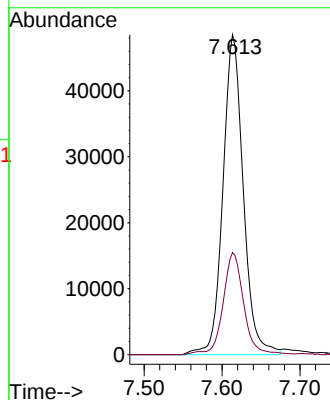
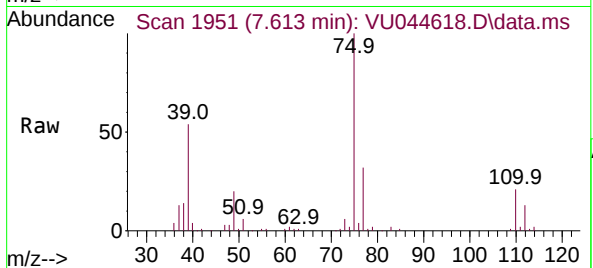


#39

cis-1,3-Dichloropropene
 Concen: 5.332 ug/L
 RT: 7.613 min Scan# 1951
 Delta R.T. 0.000 min
 Lab File: VU044618.D
 Acq: 10 Sep 2021 09:21

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005104

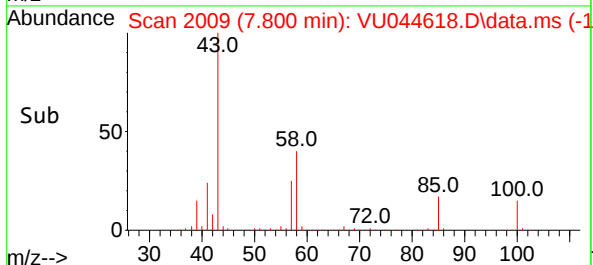
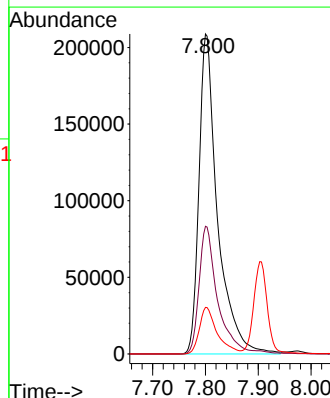
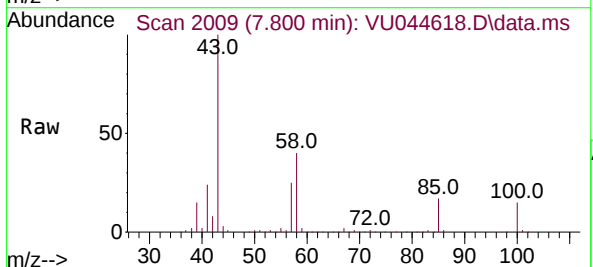
Tgt Ion: 75 Resp: 88001
 Ion Ratio Lower Upper
 75 100
 77 31.9 21.5 39.9

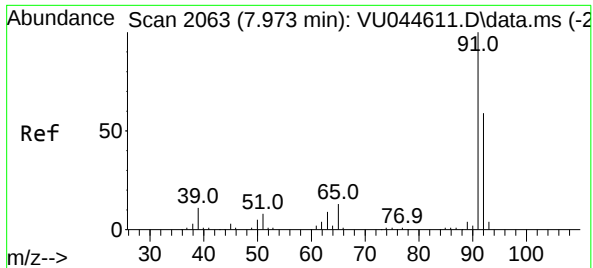


#40

4-Methyl-2-pentanone
 Concen: 55.976 ug/L
 RT: 7.800 min Scan# 2009
 Delta R.T. 0.000 min
 Lab File: VU044618.D
 Acq: 10 Sep 2021 09:21

Tgt Ion: 43 Resp: 507607
 Ion Ratio Lower Upper
 43 100
 58 40.4 31.2 46.8
 100 14.1 11.4 17.0

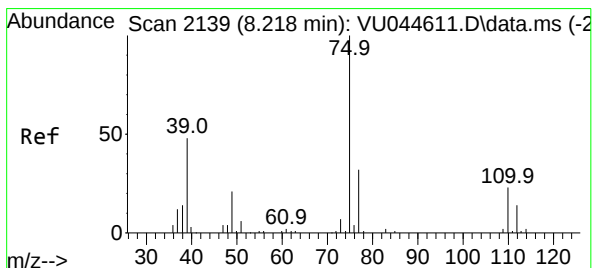
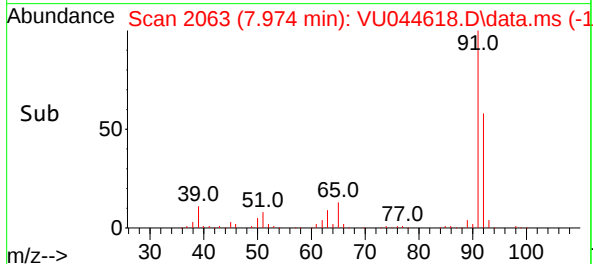
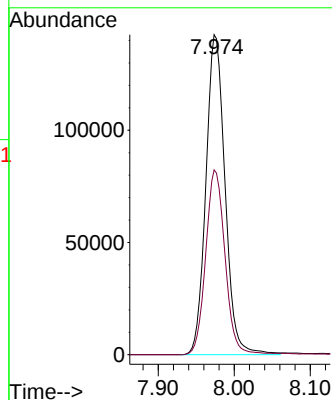
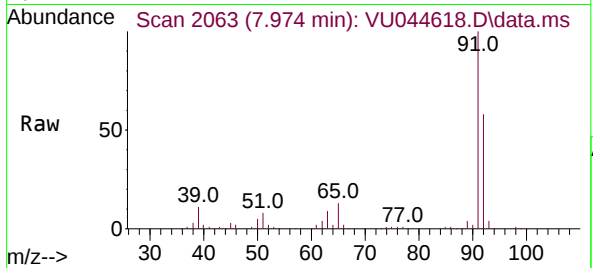




#42
Toluene
Concen: 5.498 ug/L
RT: 7.974 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU044618.D
Acq: 10 Sep 2021 09:21

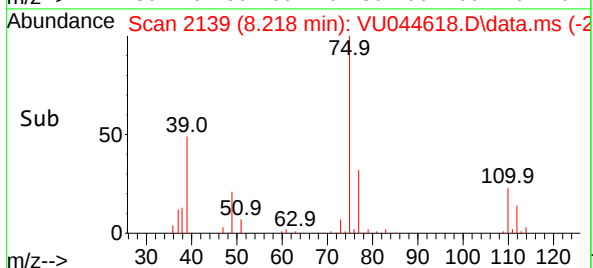
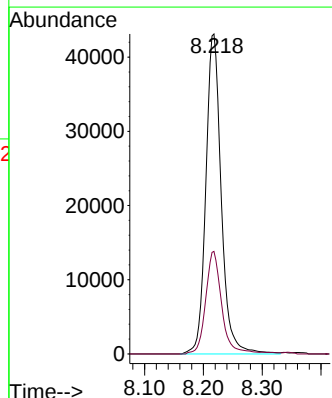
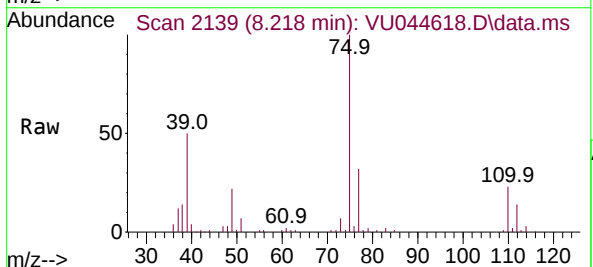
Instrument :
MSVOA_U
ClientSampleId :
VSTD005104

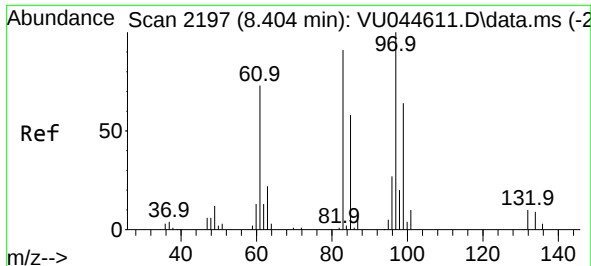
Tgt Ion: 91 Resp: 249666
Ion Ratio Lower Upper
91 100
92 57.7 41.1 76.3



#44
trans-1,3-Dichloropropene
Concen: 5.579 ug/L
RT: 8.218 min Scan# 2139
Delta R.T. 0.000 min
Lab File: VU044618.D
Acq: 10 Sep 2021 09:21

Tgt Ion: 75 Resp: 78570
Ion Ratio Lower Upper
75 100
77 32.0 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 5.569 ug/L

RT: 8.408 min Scan# 2198

Delta R.T. 0.003 min

Lab File: VU044618.D

Acq: 10 Sep 2021 09:21

Tgt Ion: 97 Resp: 46131

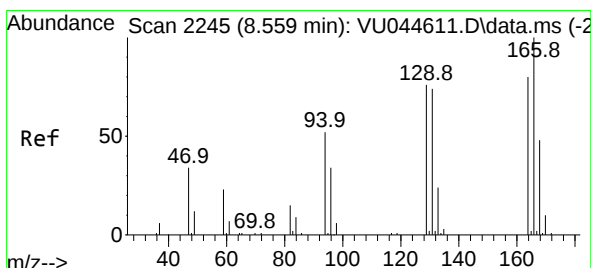
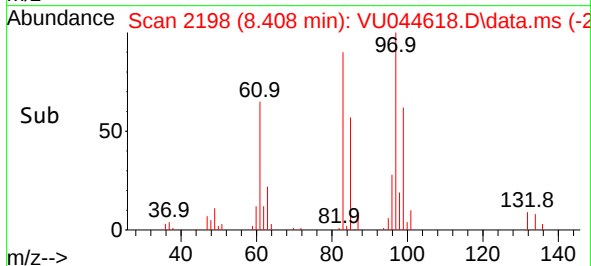
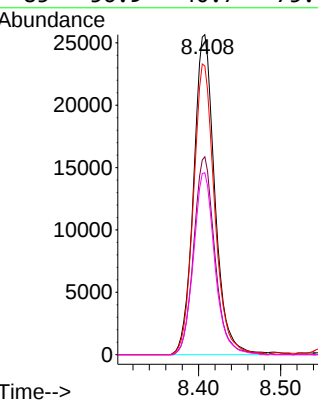
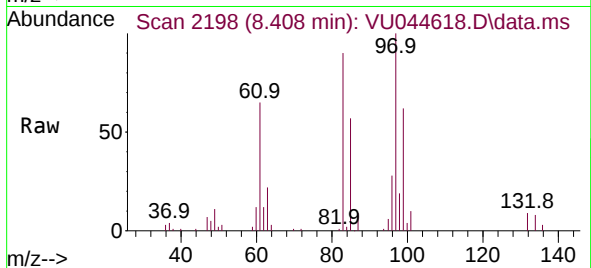
Ion Ratio Lower Upper

97 100

99 61.8 44.8 83.2

83 90.2 63.6 118.0

85 56.9 40.7 75.7



#47

Tetrachloroethene

Concen: 5.405 ug/L

RT: 8.559 min Scan# 2245

Delta R.T. -0.000 min

Lab File: VU044618.D

Acq: 10 Sep 2021 09:21

Tgt Ion: 164 Resp: 40397

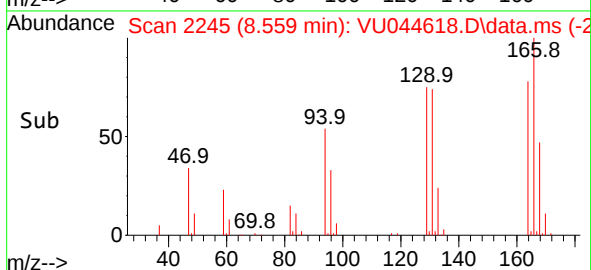
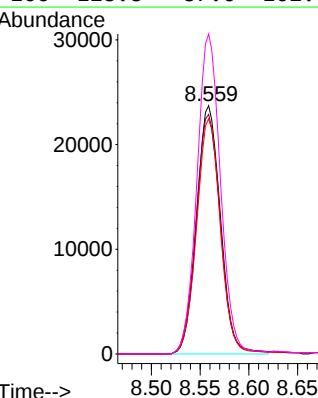
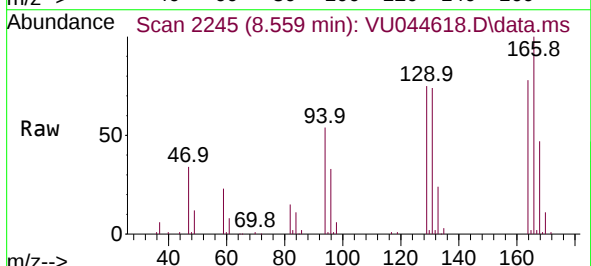
Ion Ratio Lower Upper

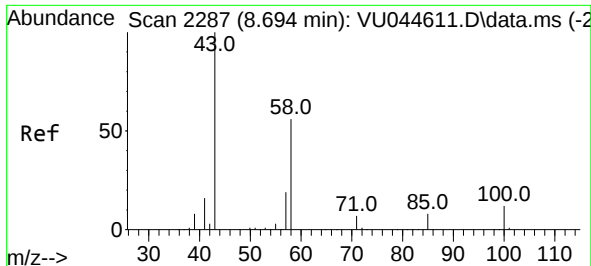
164 100

129 96.5 67.0 124.4

131 94.7 65.2 121.0

166 128.8 87.6 162.8

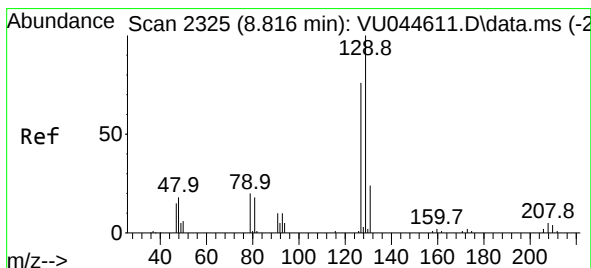
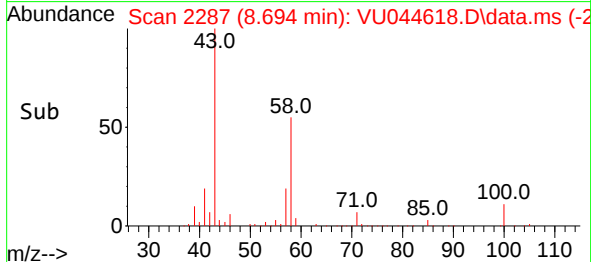
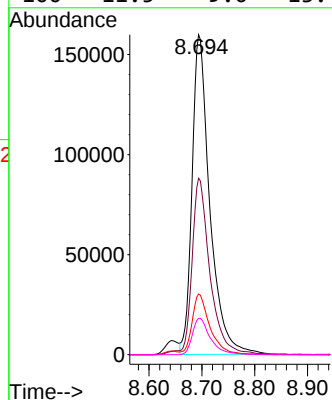
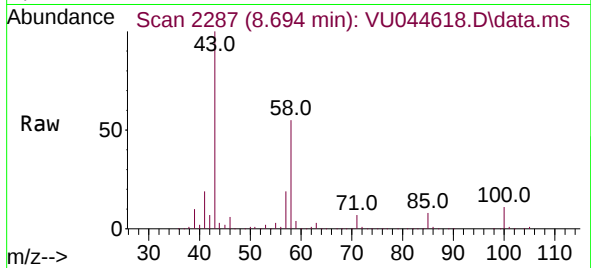




#48
2-Hexanone
Concen: 55.361 ug/L
RT: 8.694 min Scan# 2287
Delta R.T. 0.000 min
Lab File: VU044618.D
Acq: 10 Sep 2021 09:21

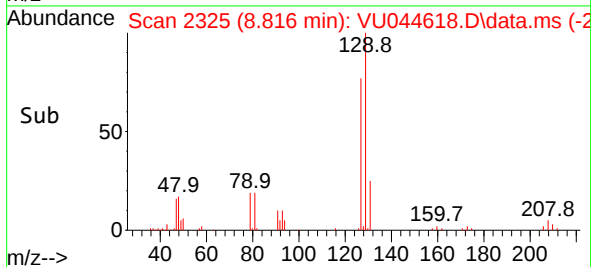
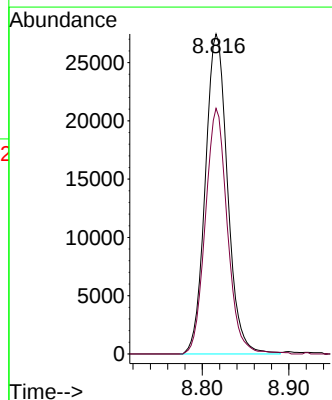
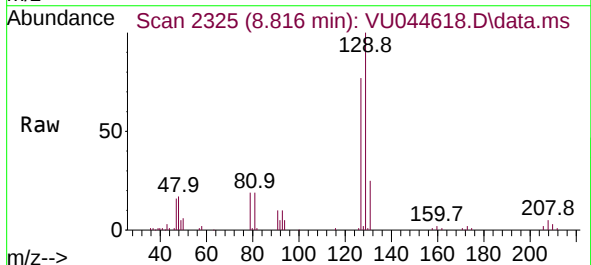
Instrument :
MSVOA_U
ClientSampleId :
VSTD005104

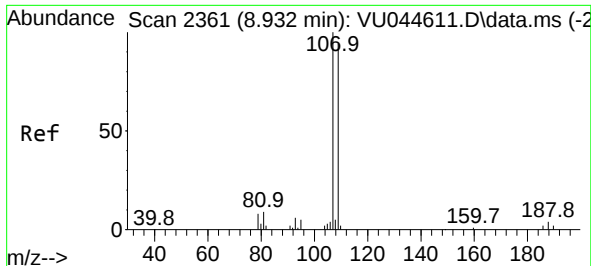
Tgt Ion:	43	Resp:	373672
Ion	Ratio	Lower	Upper
43	100		
58	55.8	44.6	66.8
57	19.1	14.8	22.2
100	11.5	9.0	13.4



#49
Dibromochloromethane
Concen: 5.623 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. 0.000 min
Lab File: VU044618.D
Acq: 10 Sep 2021 09:21

Tgt Ion:	129	Resp:	48936
Ion	Ratio	Lower	Upper
129	100		
127	76.7	53.3	99.1





#50

1,2-Dibromoethane

Concen: 5.600 ug/L

RT: 8.932 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VU044618.D

Acq: 10 Sep 2021 09:21

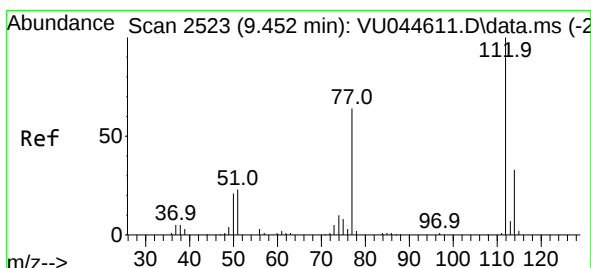
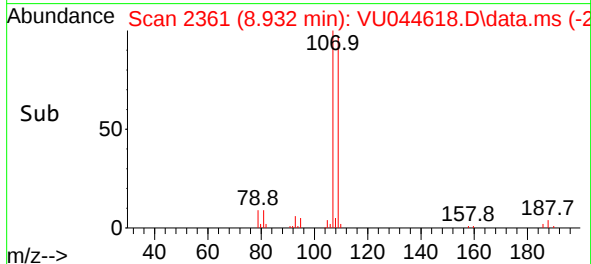
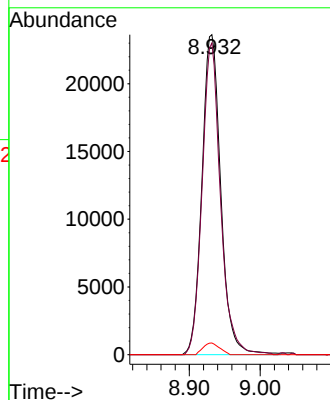
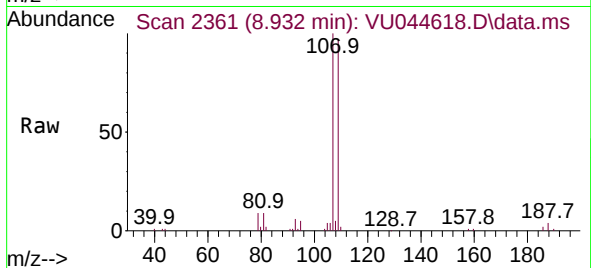
Instrument :

MSVOA_U

ClientSampleId :

VSTD005104

Tgt Ion:	107	Resp:	43671
Ion	Ratio	Lower	Upper
107	100		
109	97.4	65.5	121.7
188	3.6	3.0	4.4



#51

Chlorobenzene

Concen: 5.348 ug/L

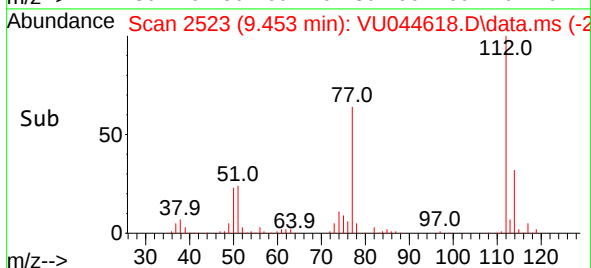
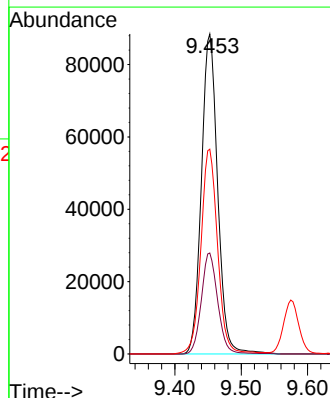
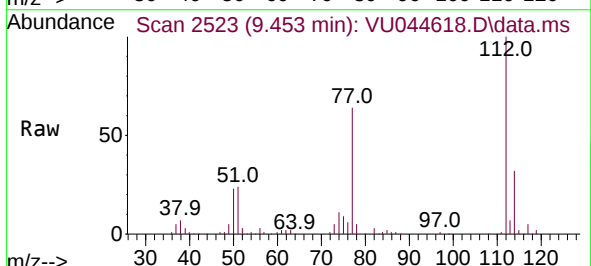
RT: 9.453 min Scan# 2523

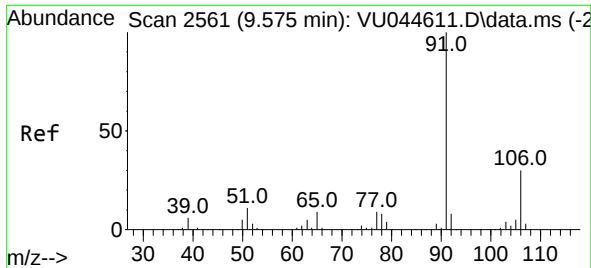
Delta R.T. 0.000 min

Lab File: VU044618.D

Acq: 10 Sep 2021 09:21

Tgt Ion:	112	Resp:	150551
Ion	Ratio	Lower	Upper
112	100		
114	31.5	22.8	42.4
77	64.0	51.4	77.0

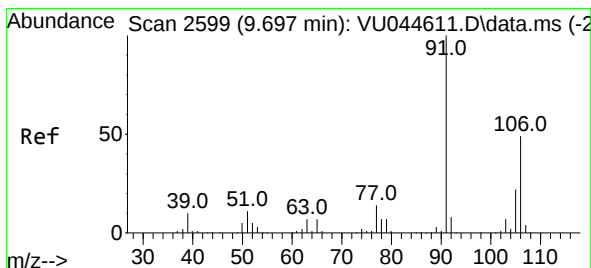
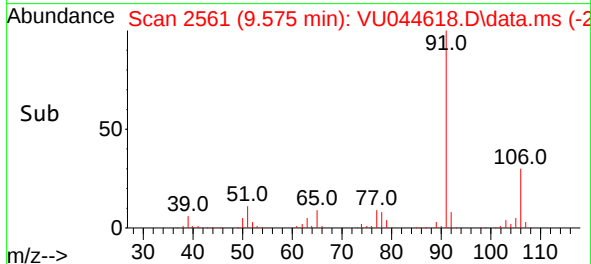
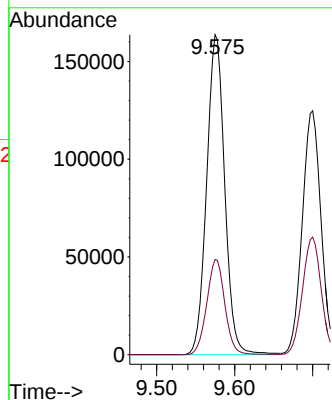
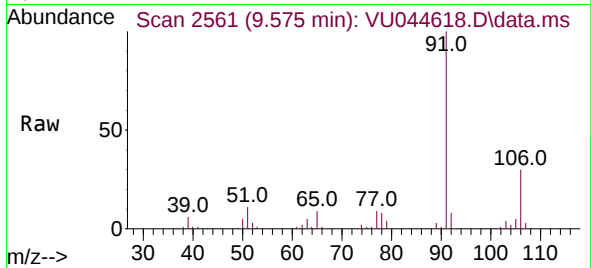




#52
Ethylbenzene
Concen: 5.363 ug/L
RT: 9.575 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU044618.D
Acq: 10 Sep 2021 09:21

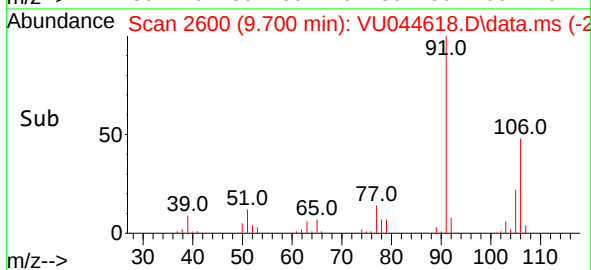
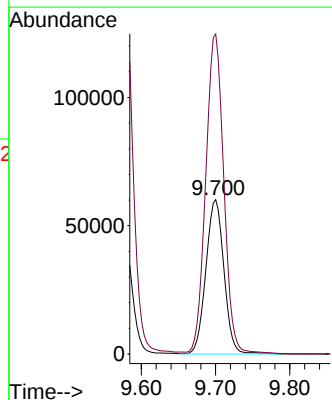
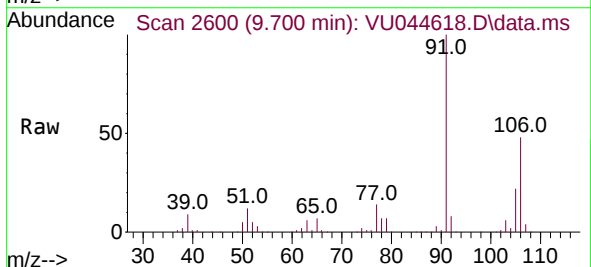
Instrument :
MSVOA_U
ClientSampleId :
VSTD005104

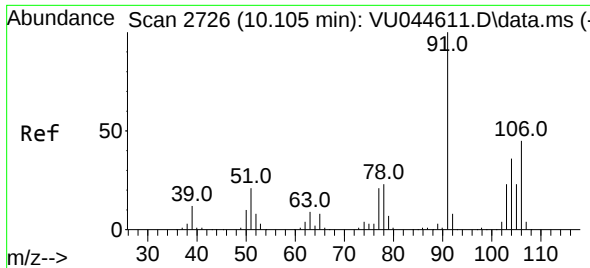
Tgt Ion: 91 Resp: 263756
Ion Ratio Lower Upper
91 100
106 29.8 21.1 39.1



#53
m,p-Xylene
Concen: 5.430 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. 0.003 min
Lab File: VU044618.D
Acq: 10 Sep 2021 09:21

Tgt Ion: 106 Resp: 101549
Ion Ratio Lower Upper
106 100
91 207.4 144.6 268.6

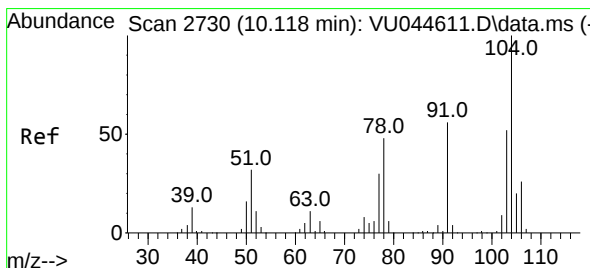
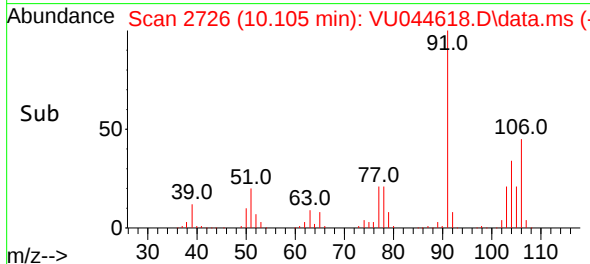
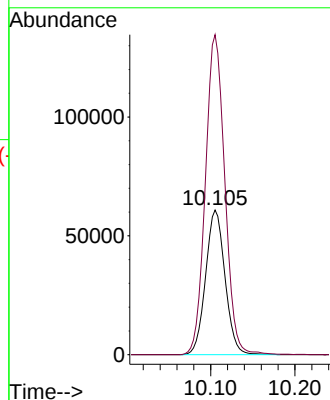
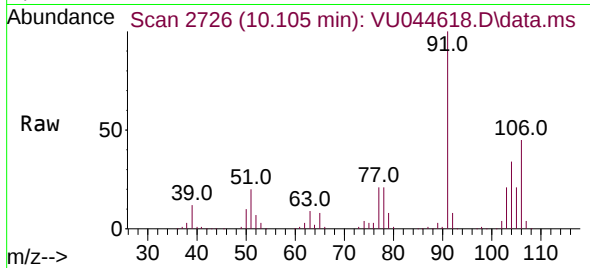




#54
o-Xylene
Concen: 5.465 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. 0.000 min
Lab File: VU044618.D
Acq: 10 Sep 2021 09:21

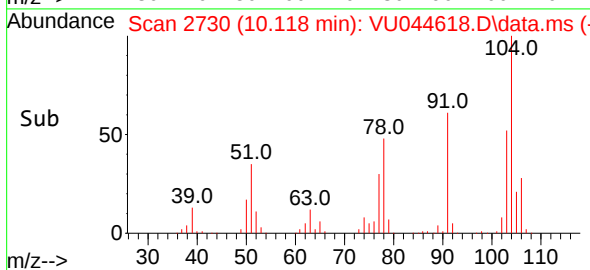
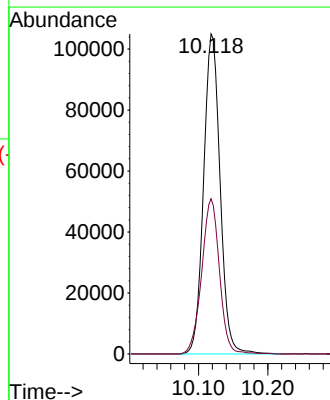
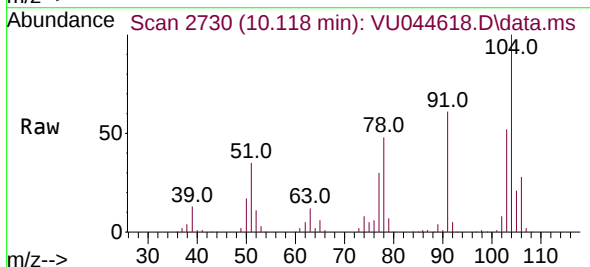
Instrument :
MSVOA_U
ClientSampleId :
VSTD005104

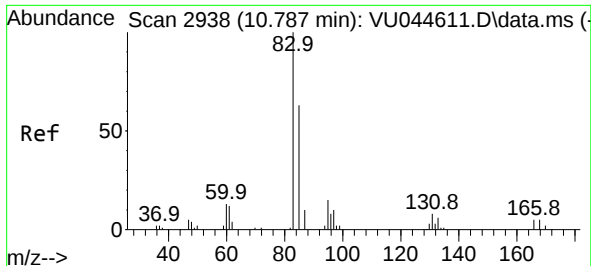
Tgt Ion:106 Resp: 97639
Ion Ratio Lower Upper
106 100
91 221.3 156.2 290.0



#55
Styrene
Concen: 5.551 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. 0.000 min
Lab File: VU044618.D
Acq: 10 Sep 2021 09:21

Tgt Ion:104 Resp: 173610
Ion Ratio Lower Upper
104 100
78 48.5 33.6 62.4

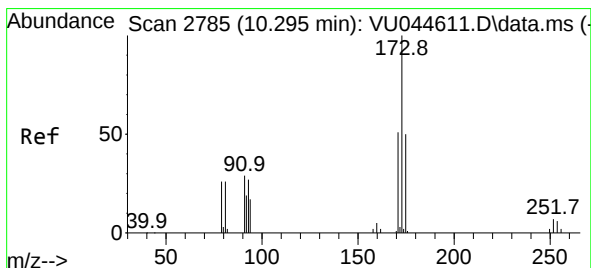
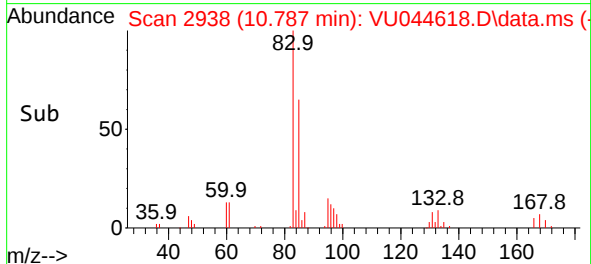
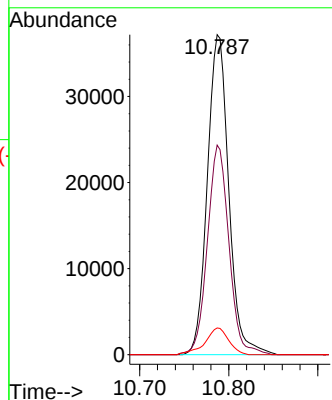
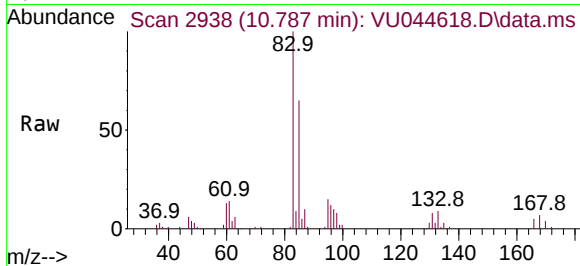




#57
1,1,2,2-Tetrachloroethane
Concen: 5.581 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. 0.000 min
Lab File: VU044618.D
Acq: 10 Sep 2021 09:21

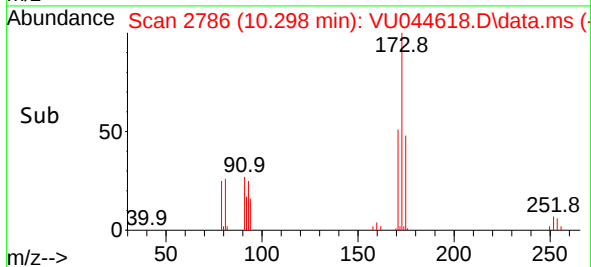
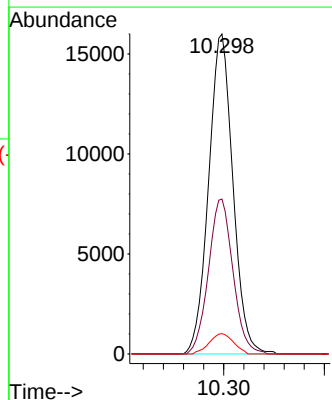
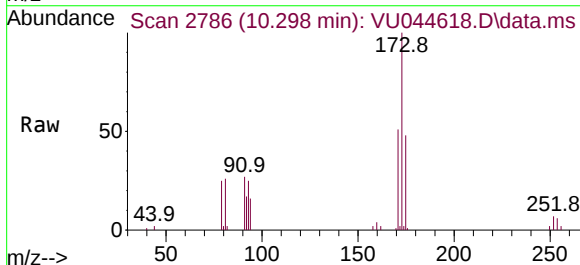
Instrument :
MSVOA_U
ClientSampleId :
VSTD005104

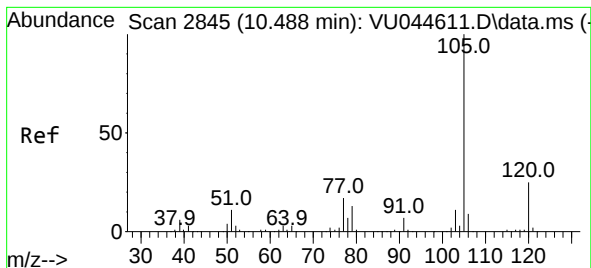
Tgt Ion:	83	Resp:	62073
Ion	Ratio	Lower	Upper
83	100		
85	65.5	44.5	82.7
131	8.4	6.6	10.0



#59
Bromoform
Concen: 5.735 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. 0.003 min
Lab File: VU044618.D
Acq: 10 Sep 2021 09:21

Tgt Ion:	173	Resp:	26805
Ion	Ratio	Lower	Upper
173	100		
175	48.8	38.8	58.2
254	6.3	4.9	7.3





#60

Isopropylbenzene

Concen: 5.525 ug/L

RT: 10.491 min Scan# 2846

Delta R.T. 0.003 min

Lab File: VU044618.D

Acq: 10 Sep 2021 09:21

Tgt Ion:105 Resp: 260074

Ion Ratio Lower Upper

105 100

120 25.0 20.2 30.2

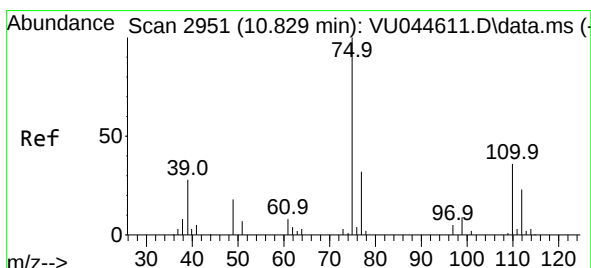
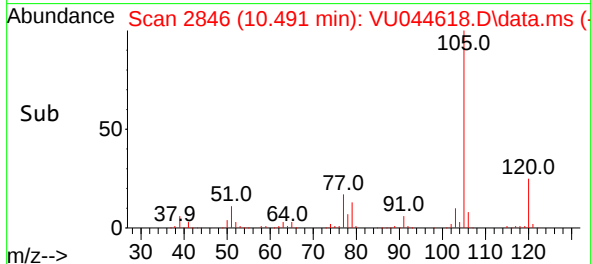
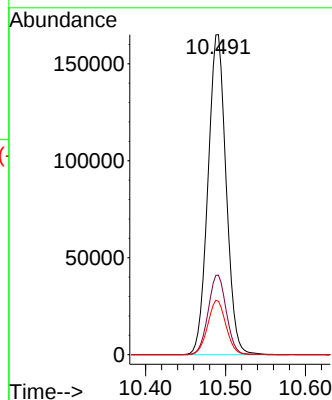
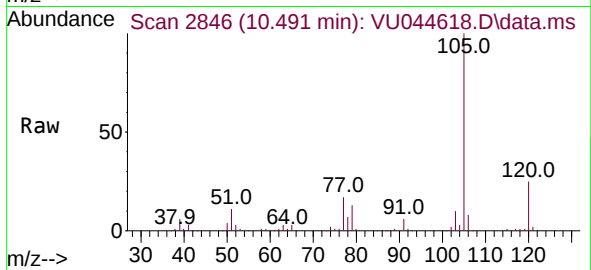
77 17.1 13.6 20.4

Instrument :

MSVOA_U

ClientSampleId :

VSTD005104



#61

1,2,3-Trichloropropane

Concen: 5.537 ug/L

RT: 10.829 min Scan# 2951

Delta R.T. 0.000 min

Lab File: VU044618.D

Acq: 10 Sep 2021 09:21

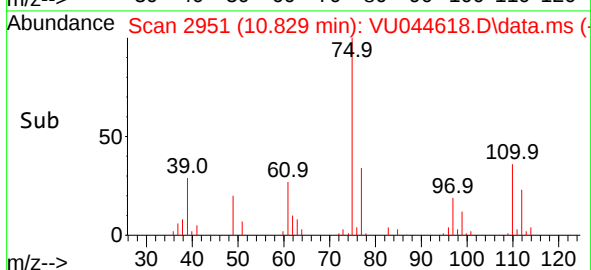
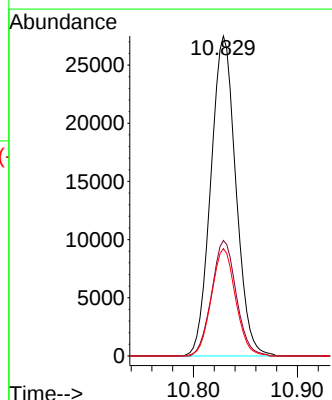
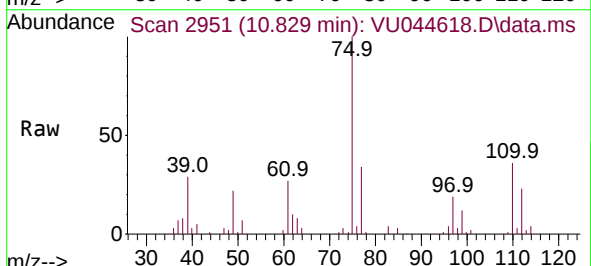
Tgt Ion: 75 Resp: 46007

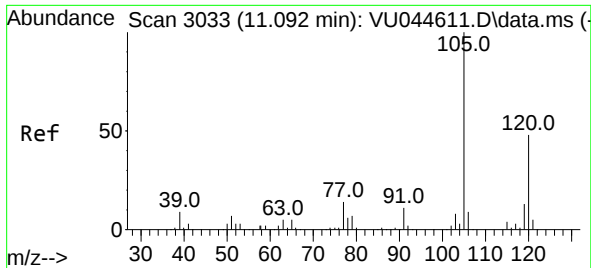
Ion Ratio Lower Upper

75 100

110 35.4 28.8 43.2

77 32.4 25.9 38.9

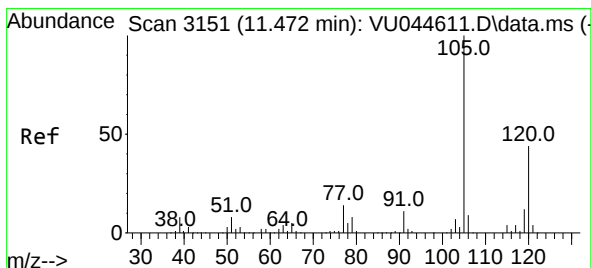
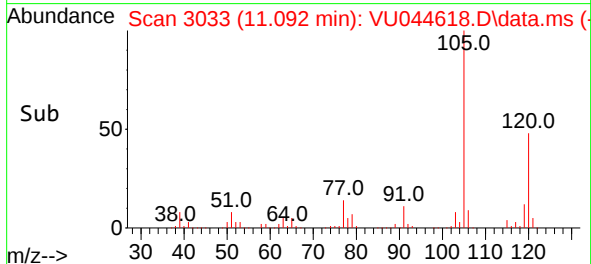
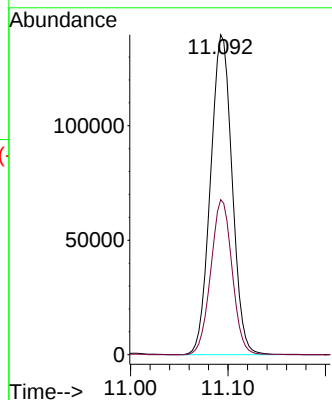
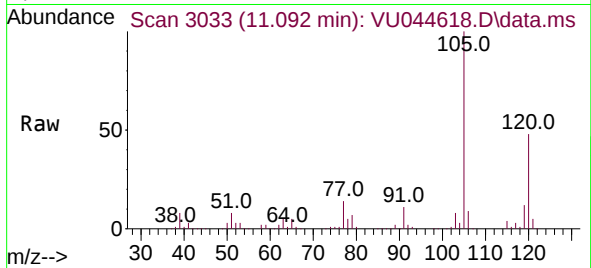




#62
1,3,5-Trimethylbenzene
Concen: 5.507 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU044618.D
Acq: 10 Sep 2021 09:21

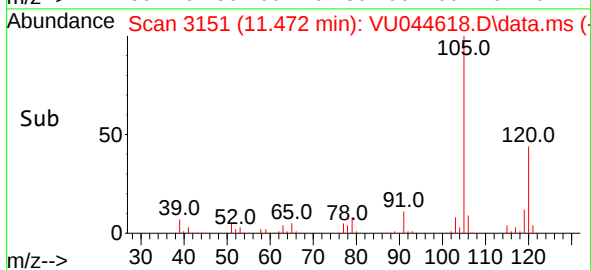
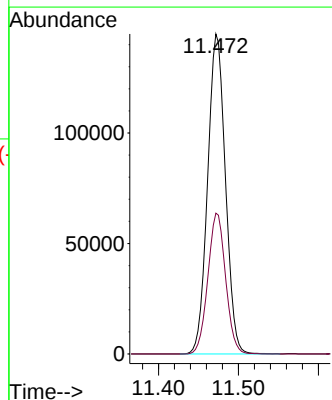
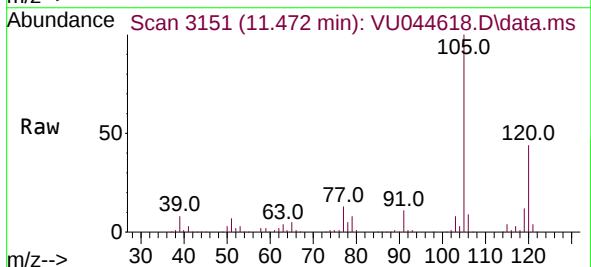
Instrument :
MSVOA_U
ClientSampleId :
VSTD005104

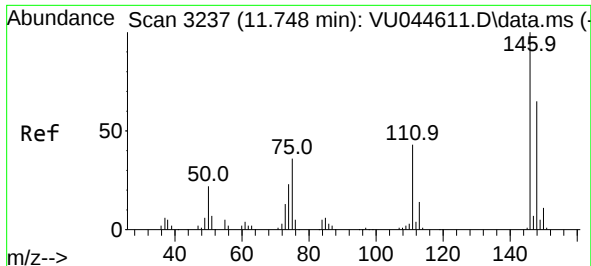
Tgt Ion:105 Resp: 215277
Ion Ratio Lower Upper
105 100
120 47.9 38.2 57.2



#63
1,2,4-Trimethylbenzene
Concen: 5.582 ug/L
RT: 11.472 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU044618.D
Acq: 10 Sep 2021 09:21

Tgt Ion:105 Resp: 224098
Ion Ratio Lower Upper
105 100
120 43.8 35.4 53.2

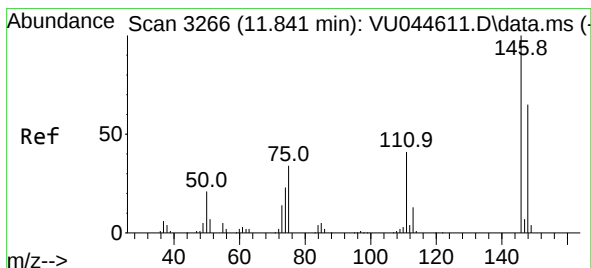
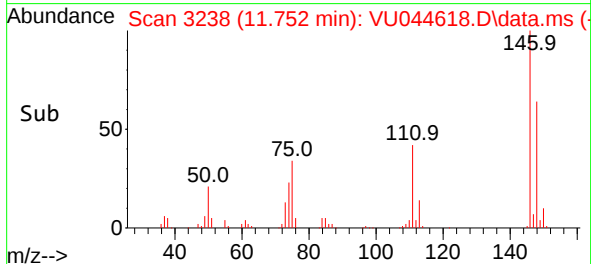
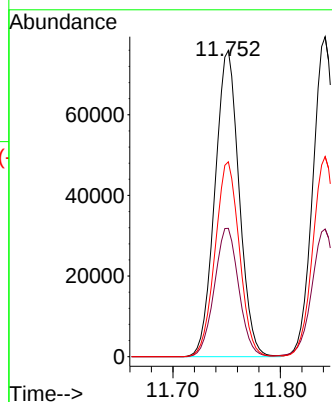
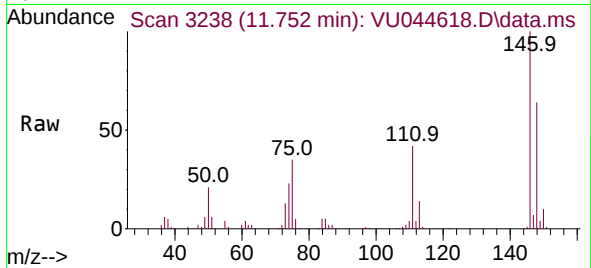




#64
1,3-Dichlorobenzene
Concen: 5.421 ug/L
RT: 11.752 min Scan# 3238
Delta R.T. 0.003 min
Lab File: VU044618.D
Acq: 10 Sep 2021 09:21

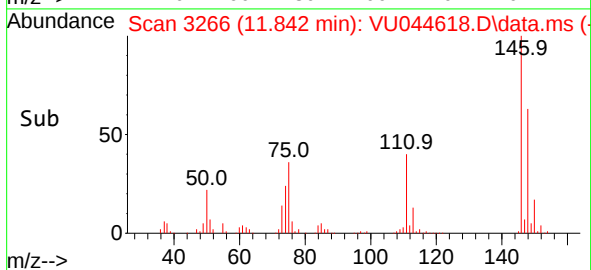
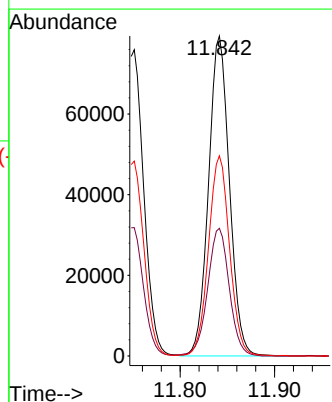
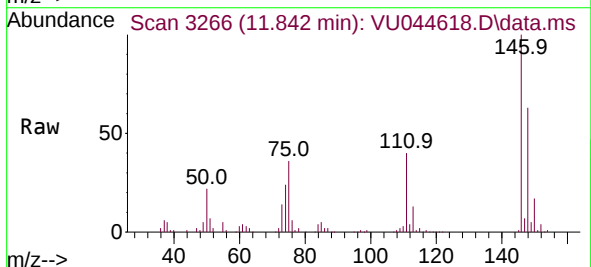
Instrument :
MSVOA_U
ClientSampleId :
VSTD005104

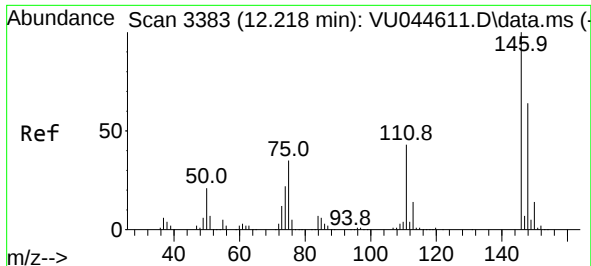
Tgt Ion:146 Resp: 118984
Ion Ratio Lower Upper
146 100
111 41.9 29.8 55.4
148 63.6 45.2 84.0



#65
1,4-Dichlorobenzene
Concen: 5.373 ug/L
RT: 11.842 min Scan# 3266
Delta R.T. 0.000 min
Lab File: VU044618.D
Acq: 10 Sep 2021 09:21

Tgt Ion:146 Resp: 121663
Ion Ratio Lower Upper
146 100
111 39.9 28.7 53.3
148 62.5 45.4 84.4

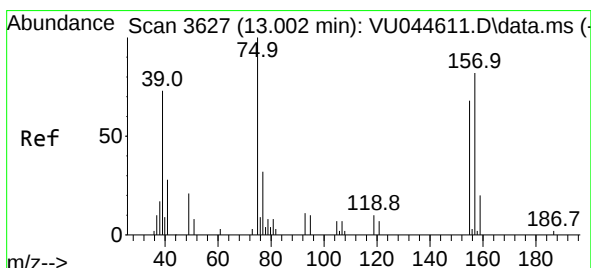
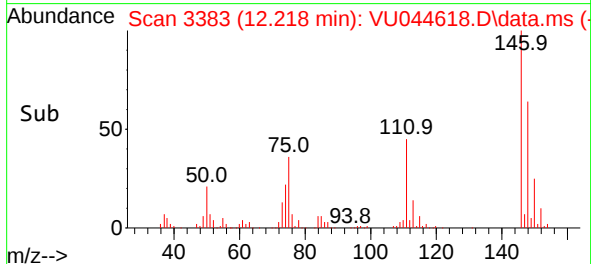
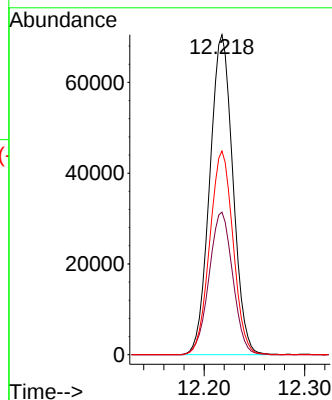
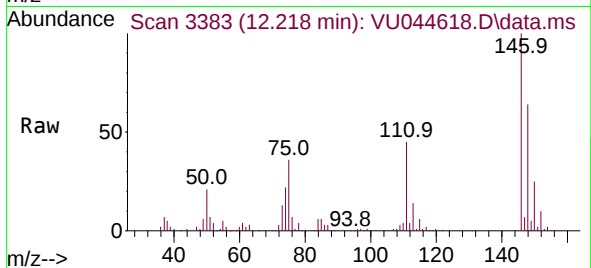




#67
1,2-Dichlorobenzene
Concen: 5.412 ug/L
RT: 12.218 min Scan# 3383
Delta R.T. 0.000 min
Lab File: VU044618.D
Acq: 10 Sep 2021 09:21

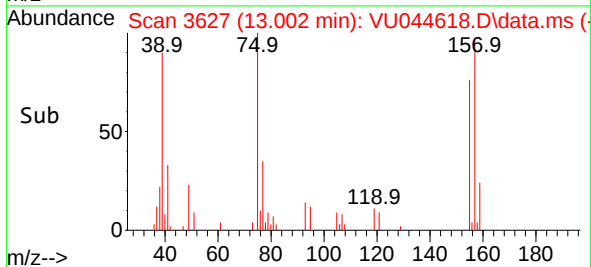
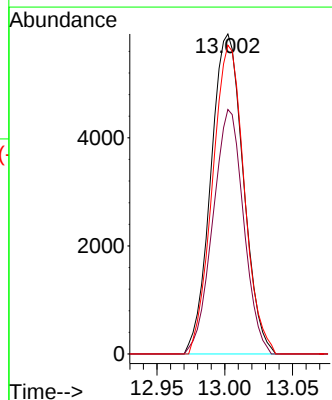
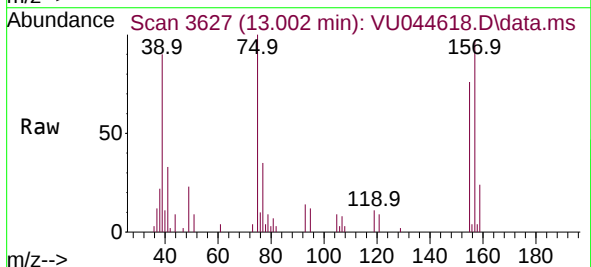
Instrument :
MSVOA_U
ClientSampleId :
VSTD005104

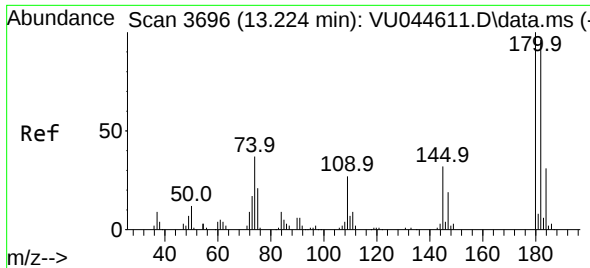
Tgt Ion:146 Resp: 112746
Ion Ratio Lower Upper
146 100
111 44.5 34.6 51.8
148 63.7 51.3 76.9



#68
1,2-Dibromo-3-chloropropane
Concen: 5.404 ug/L
RT: 13.002 min Scan# 3627
Delta R.T. 0.000 min
Lab File: VU044618.D
Acq: 10 Sep 2021 09:21

Tgt Ion: 75 Resp: 9874
Ion Ratio Lower Upper
75 100
155 76.4 54.0 81.0
157 96.5 65.4 98.2

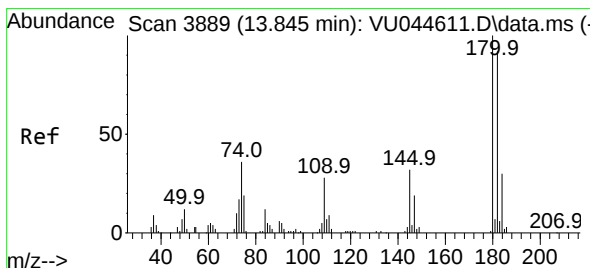
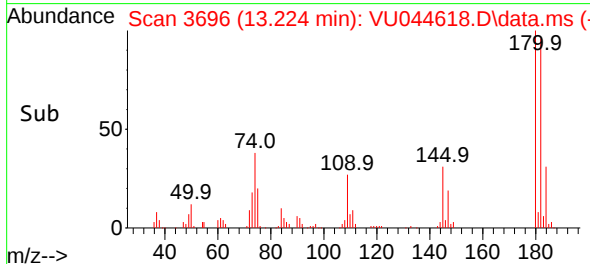
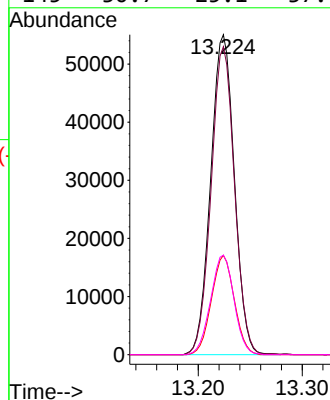
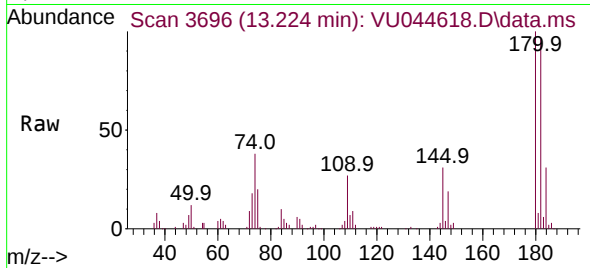




#69
1,3,5-Trichlorobenzene
Concen: 5.221 ug/L
RT: 13.224 min Scan# 3696
Delta R.T. 0.000 min
Lab File: VU044618.D
Acq: 10 Sep 2021 09:21

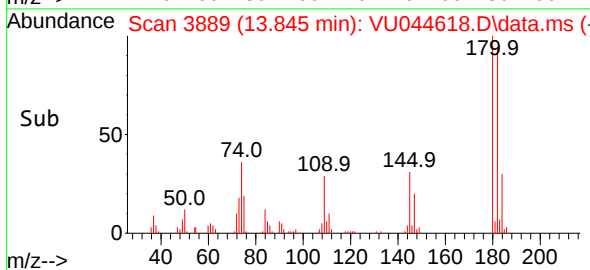
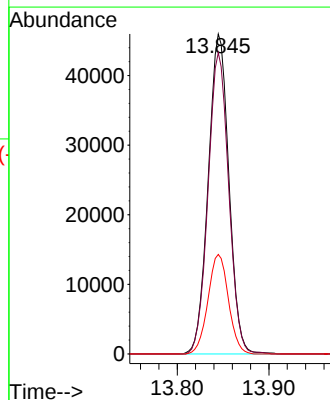
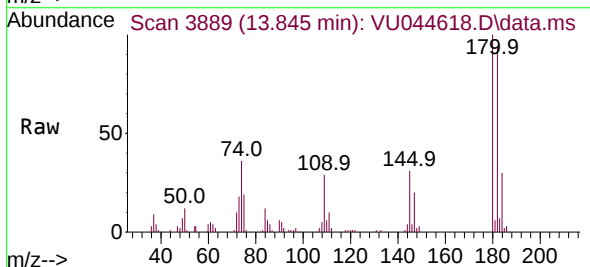
Instrument :
MSVOA_U
ClientSampleId :
VSTD005104

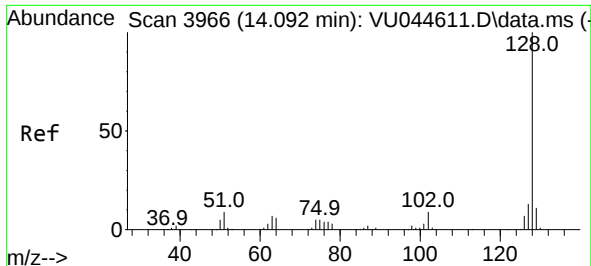
Tgt Ion:	180	Resp:	87104
Ion Ratio	Lower	Upper	
180	100		
182	95.1	76.9	115.3
184	29.9	24.1	36.1
145	30.7	25.1	37.7



#70
1,2,4-trichlorobenzene
Concen: 5.116 ug/L
RT: 13.845 min Scan# 3889
Delta R.T. 0.000 min
Lab File: VU044618.D
Acq: 10 Sep 2021 09:21

Tgt Ion:	180	Resp:	71997
Ion Ratio	Lower	Upper	
180	100		
182	93.8	75.4	113.0
145	30.8	25.2	37.8

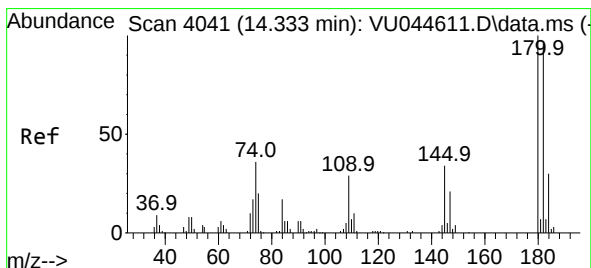
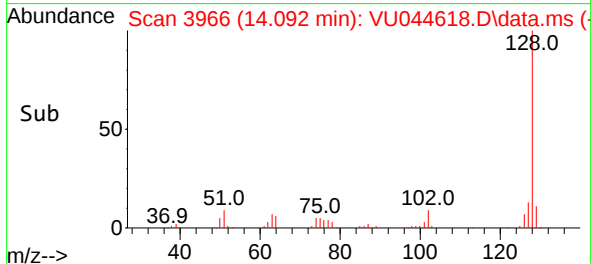
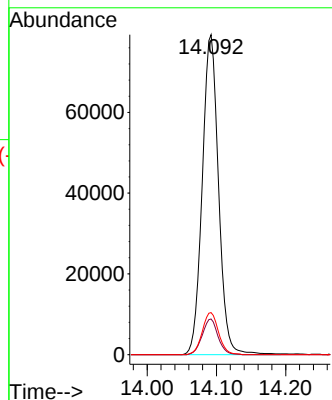
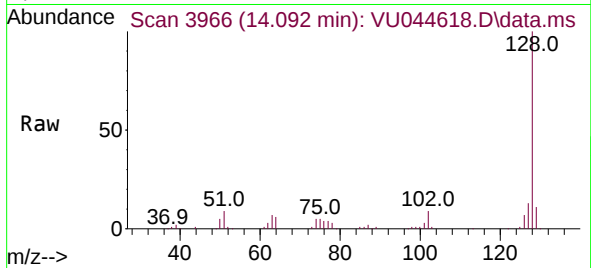




#71
Naphthalene
Concen: 4.713 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VU044618.D
Acq: 10 Sep 2021 09:21

Instrument :
MSVOA_U
ClientSampleId :
VSTD005104

Tgt Ion:128 Resp: 129412
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.2 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 5.122 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VU044618.D
Acq: 10 Sep 2021 09:21

Tgt Ion:180 Resp: 66353
Ion Ratio Lower Upper
180 100
182 93.6 75.9 113.9
145 33.4 27.0 40.6

