

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092121\
 Data File : VU044726.D
 Acq On : 21 Sep 2021 10:30
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005116

Quant Time: Sep 22 01:29:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 21 02:46:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	120871	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	121047	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	60771	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	33429	4.687	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.800%
7) Chloroethane-d5	1.919	69	29460	4.048	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.000%
11) 1,1-Dichloroethene-d2	2.575	65	15027	4.172	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.400%
20) 2-Butanone-d5	4.642	46	100467	33.605	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	67.220%
24) Chloroform-d	5.073	84	69647	4.643	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	5.710	65	41339	4.622	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	5.735	84	129446	4.194	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.800%
36) 1,2-Dichloropropane-d6	6.697	67	44666	4.407	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.200%
41) Toluene-d8	7.903	98	114104	4.247	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
43) trans-1,3-Dichloroprop...	8.186	79	17144	4.798	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.000%
46) 2-Hexanone-d5	8.645	63	104829	45.649	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.300%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	42684	4.749	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.000%
66) 1,2-Dichlorobenzene-d4	12.198	152	41857	4.174	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	44983	4.667	ug/L	98
3) Chloromethane	1.523	50	55168	4.761	ug/L	99
5) Vinyl chloride	1.607	62	57157	4.836	ug/L	97
6) Bromomethane	1.861	94	28168	4.651	ug/L	97
8) Chloroethane	1.938	64	37841	5.023	ug/L	99
9) Trichlorofluoromethane	2.144	101	69490	5.221	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	42809	5.240	ug/L	97
12) 1,1-Dichloroethene	2.588	96	38695	4.983	ug/L	89
13) Acetone	2.649	43	63085	32.398	ug/L	84
14) Carbon disulfide	2.800	76	102115	4.154	ug/L	98
15) Methyl Acetate	2.964	43	18274	5.198	ug/L	96
16) Methylene chloride	3.054	84	50703	4.106	ug/L	97
17) Methyl tert-butyl Ether	3.372	73	110492	5.148	ug/L	99
18) trans-1,2-Dichloroethene	3.363	96	40700	4.931	ug/L	99
19) 1,1-Dichloroethane	3.880	63	89069	5.337	ug/L	99
21) 2-Butanone	4.723	43	153278	47.144	ug/L	93
22) cis-1,2-Dichloroethene	4.678	96	45844	5.038	ug/L	99
23) Bromochloromethane	4.983	128	20125	5.220	ug/L	95
25) Chloroform	5.096	83	91908	5.168	ug/L	98

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 ALS Vial : 2 Sample Multiplier: 1

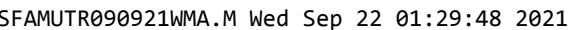
Instrument :
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 ClientSampleId :
 VSTD005116

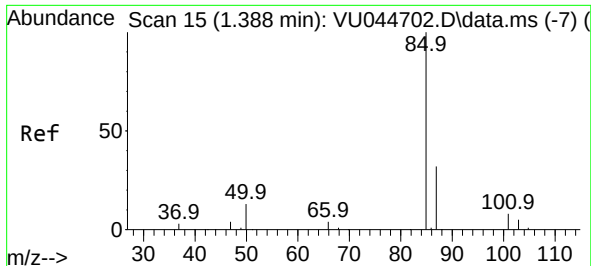
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	60973	5.237	ug/L	97
29) 1,1,1-Trichloroethane	5.324	97	70639	5.355	ug/L	99
30) Cyclohexane	5.395	56	68979	4.566	ug/L	100
31) Carbon tetrachloride	5.533	117	54353	5.265	ug/L	100
33) Benzene	5.780	78	187497	5.219	ug/L	100
34) Trichloroethene	6.549	95	45131	5.075	ug/L	97
35) Methylcyclohexane	6.771	83	66891	4.577	ug/L	99
37) 1,2-Dichloropropane	6.800	63	52821	5.487	ug/L	100
38) Bromodichloromethane	7.112	83	64244	5.504	ug/L	95
39) cis-1,3-Dichloropropene	7.613	75	68836	5.047	ug/L	99
40) 4-Methyl-2-pentanone	7.803	43	408432	54.508	ug/L	99
42) Toluene	7.977	91	192241	5.124	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	60783	5.223	ug/L	100
45) 1,1,2-Trichloroethane	8.407	97	37585	5.491	ug/L	99
47) Tetrachloroethene	8.559	164	29167	4.723	ug/L	96
48) 2-Hexanone	8.697	43	296974	53.247	ug/L	98
49) Dibromochloromethane	8.816	129	37878	5.267	ug/L	99
50) 1,2-Dibromoethane	8.931	107	33658	5.223	ug/L	99
51) Chlorobenzene	9.452	112	115528	4.967	ug/L	97
52) Ethylbenzene	9.575	91	199505	4.909	ug/L	99
53) m,p-Xylene	9.700	106	74274	4.806	ug/L	97
54) o-Xylene	10.105	106	74248	5.029	ug/L	97
55) Styrene	10.121	104	130109	5.035	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.787	83	50456	5.490	ug/L	99
59) Bromoform	10.298	173	19912	5.272	ug/L	100
60) Isopropylbenzene	10.491	105	195512	5.140	ug/L	99
61) 1,2,3-Trichloropropane	10.829	75	37275	5.551	ug/L	98
62) 1,3,5-Trimethylbenzene	11.095	105	156437	4.952	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	161435	4.976	ug/L	100
64) 1,3-Dichlorobenzene	11.751	146	89040	5.020	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	89754	4.905	ug/L	98
67) 1,2-Dichlorobenzene	12.218	146	87338	5.188	ug/L	97
68) 1,2-Dibromo-3-chloropr...	13.002	75	7921	5.364	ug/L	99
69) 1,3,5-Trichlorobenzene	13.224	180	61155	4.535	ug/L	100
70) 1,2,4-trichlorobenzene	13.844	180	48339	4.250	ug/L	100
71) Naphthalene	14.092	128	89797	4.047	ug/L	100
72) 1,2,3-Trichlorobenzene	14.336	180	46172	4.410	ug/L	99

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

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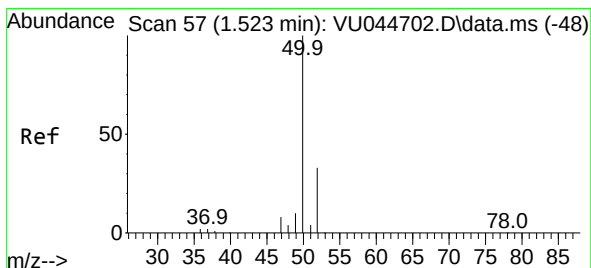
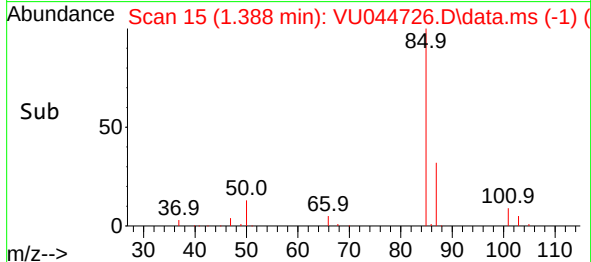
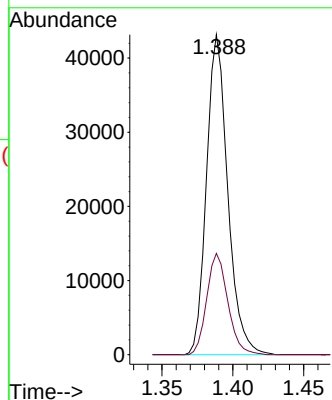
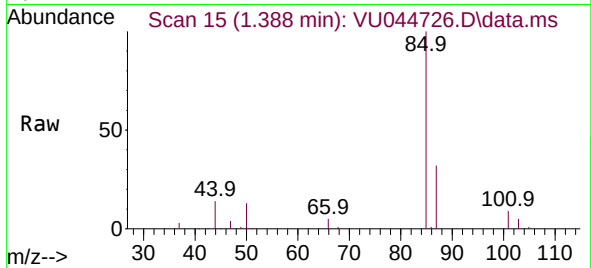




#2
Dichlorodifluoromethane
Concen: 4.667 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU044726.D
Acq: 21 Sep 2021 10:30

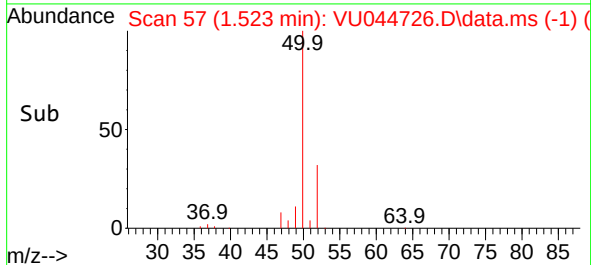
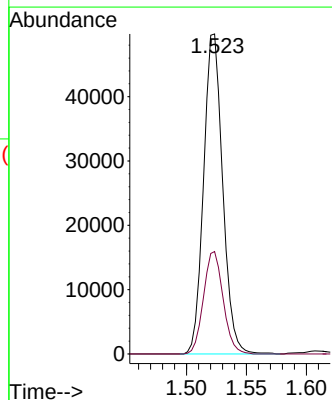
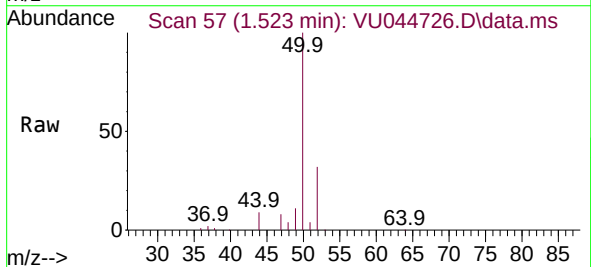
Instrument :
MSVOA_U
ClientSampleId :
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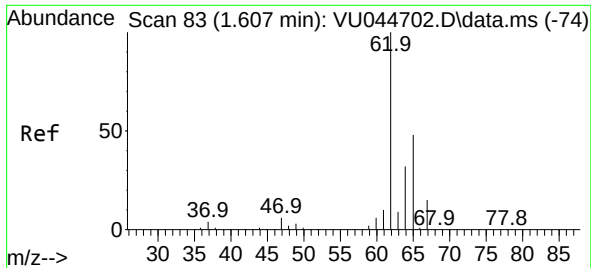
Tgt Ion: 85 Resp: 44983
Ion Ratio Lower Upper
85 100
87 31.3 26.0 39.0



#3
Chloromethane
Concen: 4.761 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU044726.D
Acq: 21 Sep 2021 10:30

Tgt Ion: 50 Resp: 55168
Ion Ratio Lower Upper
50 100
52 32.0 22.6 42.0

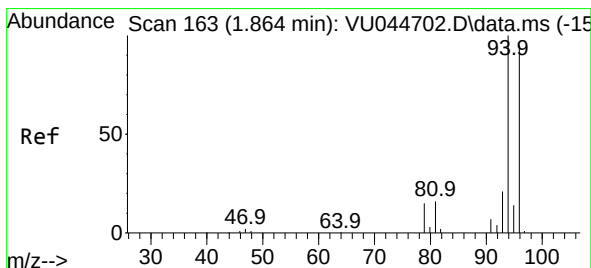
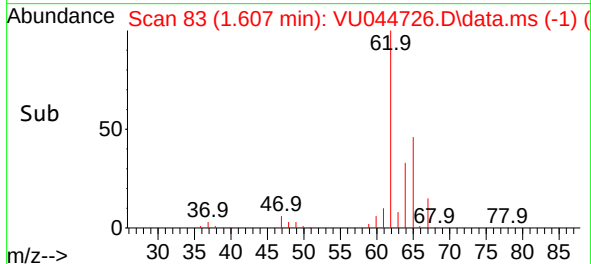
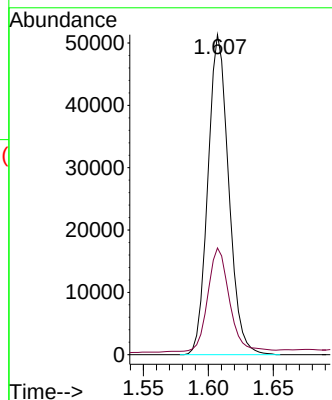
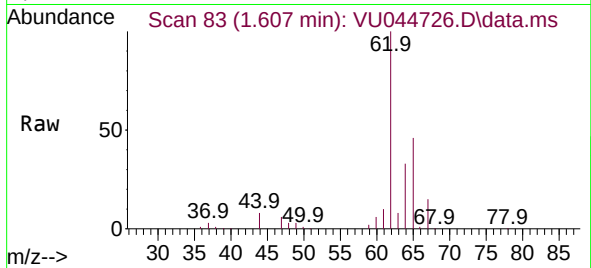




#5
 Vinyl chloride
 Concen: 4.836 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU044726.D
 Acq: 21 Sep 2021 10:30

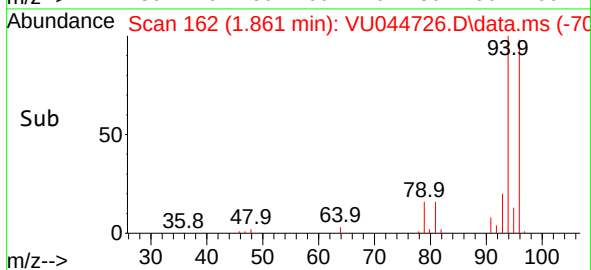
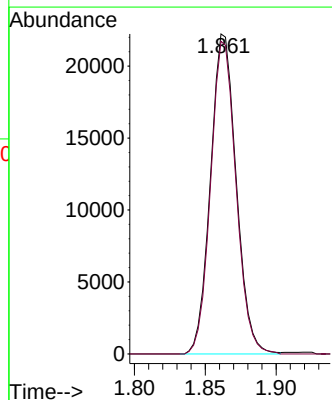
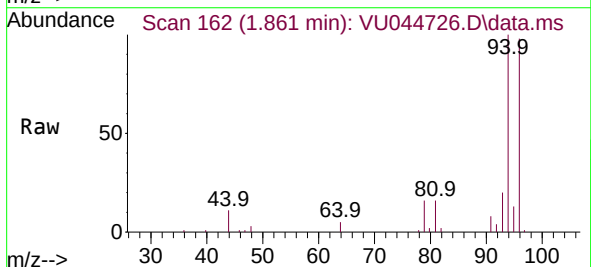
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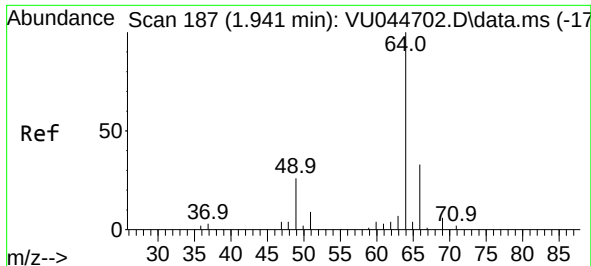
Tgt Ion: 62 Resp: 57157
 Ion Ratio Lower Upper
 62 100
 64 33.3 22.0 40.8



#6
 Bromomethane
 Concen: 4.651 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.003 min
 Lab File: VU044726.D
 Acq: 21 Sep 2021 10:30

Tgt Ion: 94 Resp: 28168
 Ion Ratio Lower Upper
 94 100
 96 97.7 66.4 123.4

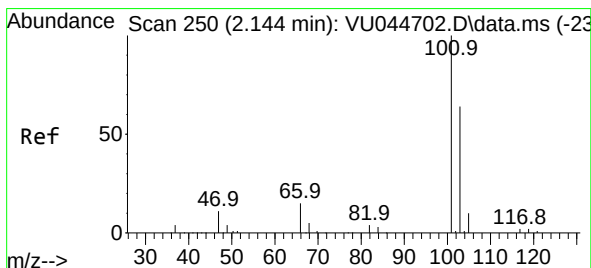
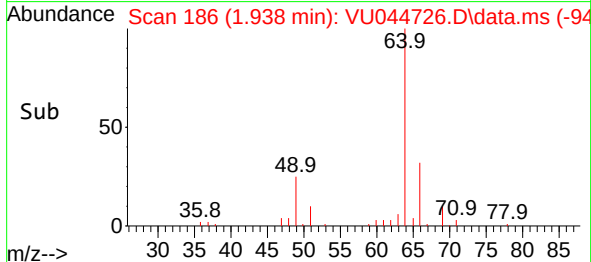
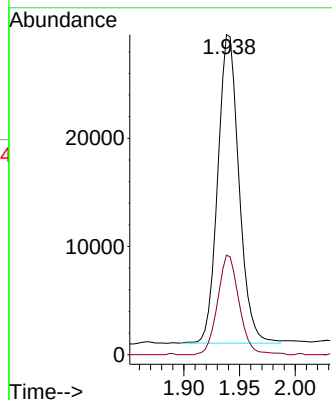
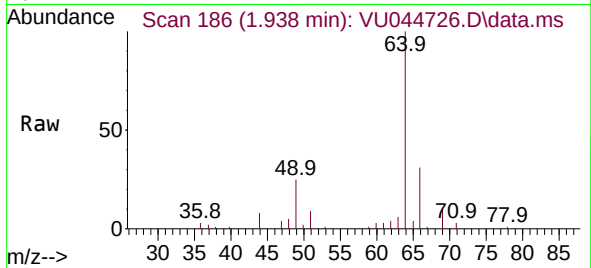




#8
Chloroethane
Concen: 5.023 ug/L
RT: 1.938 min Scan# 186
Delta R.T. -0.003 min
Lab File: VU044726.D
Acq: 21 Sep 2021 10:30

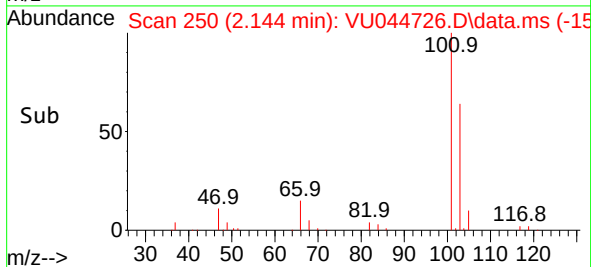
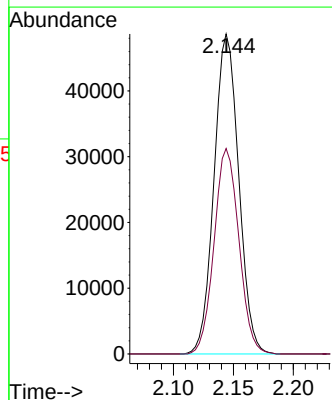
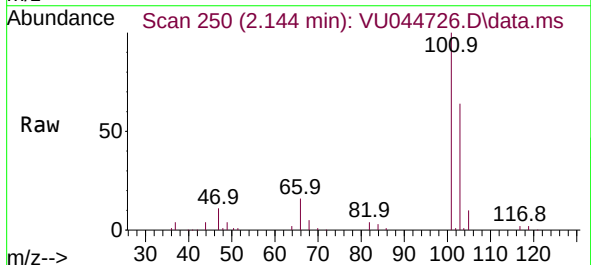
Instrument :
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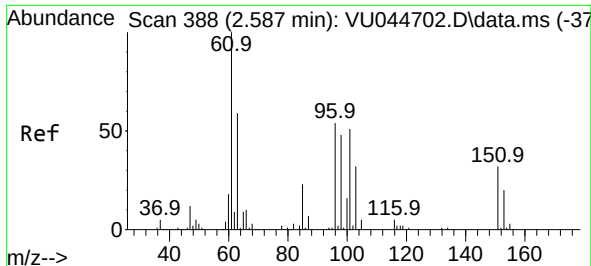
Tgt Ion: 64 Resp: 37841
Ion Ratio Lower Upper
64 100
66 31.1 22.1 41.1



#9
Trichlorofluoromethane
Concen: 5.221 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU044726.D
Acq: 21 Sep 2021 10:30

Tgt Ion: 101 Resp: 69490
Ion Ratio Lower Upper
101 100
103 64.5 51.2 76.8

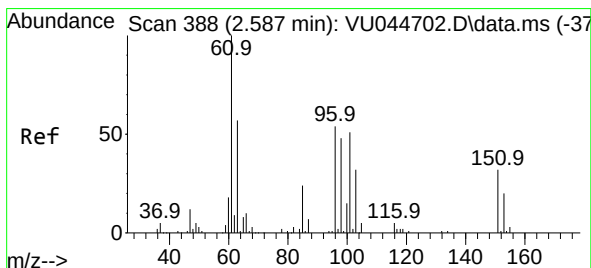
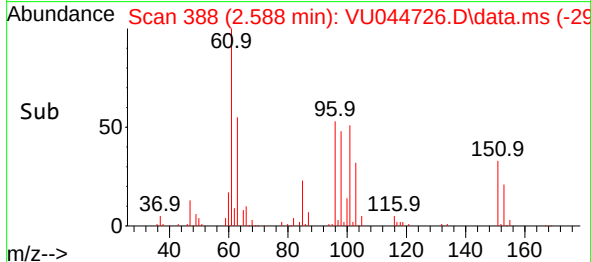
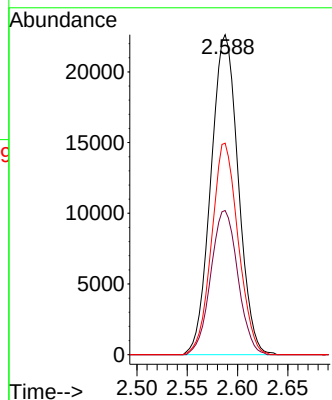
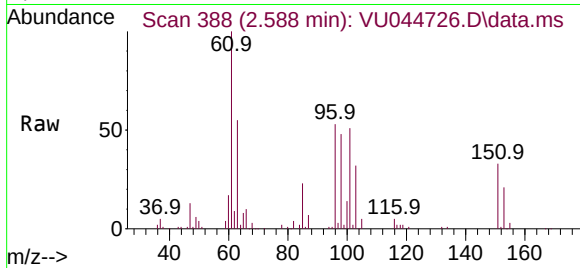




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.240 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU044726.D
 Acq: 21 Sep 2021 10:30

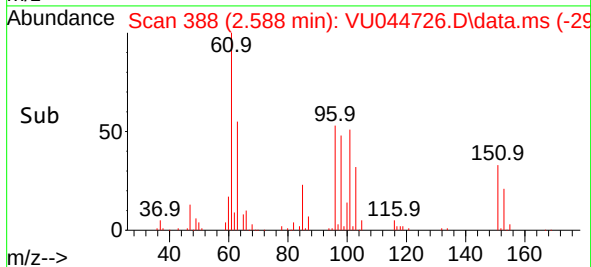
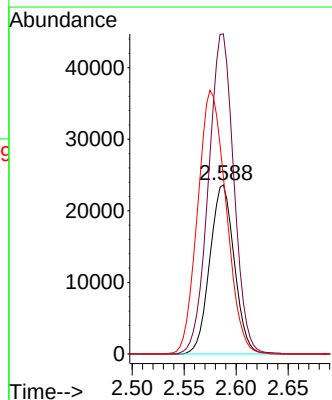
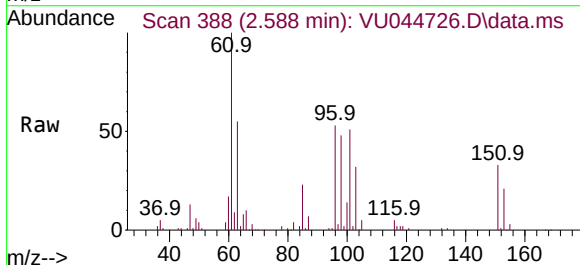
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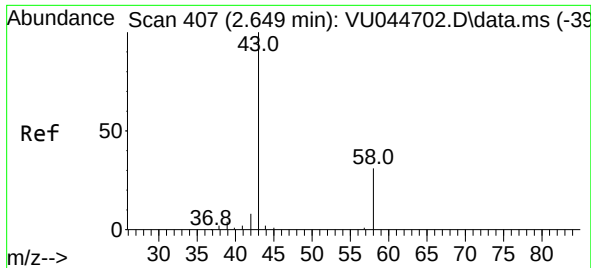
Tgt Ion:	101	Resp:	42809
Ion	Ratio	Lower	Upper
101	100		
85	44.6	35.4	53.2
151	64.3	53.9	80.9



#12
 1,1-Dichloroethene
 Concen: 4.983 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU044726.D
 Acq: 21 Sep 2021 10:30

Tgt Ion:	96	Resp:	38695
Ion	Ratio	Lower	Upper
96	100		
61	189.2	129.3	240.1
63	104.6	91.3	169.5

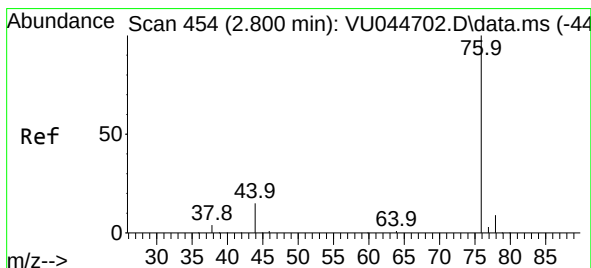
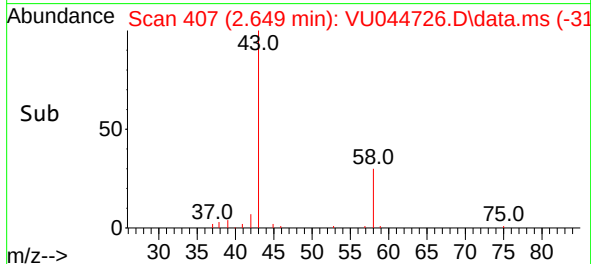
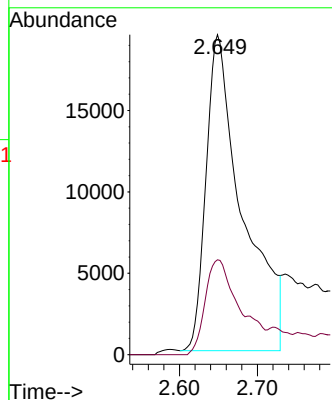
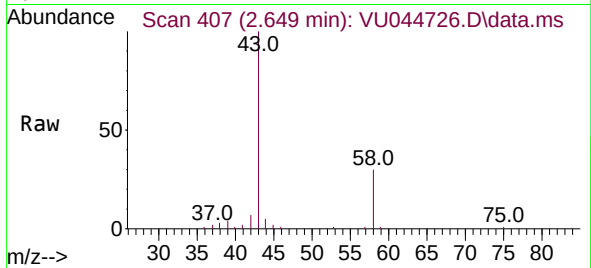




#13
Acetone
Concen: 32.398 ug/L
RT: 2.649 min Scan# 407
Delta R.T. 0.000 min
Lab File: VU044726.D
Acq: 21 Sep 2021 10:30

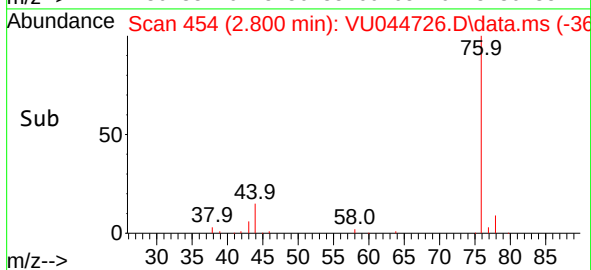
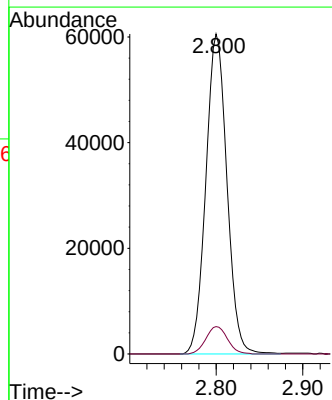
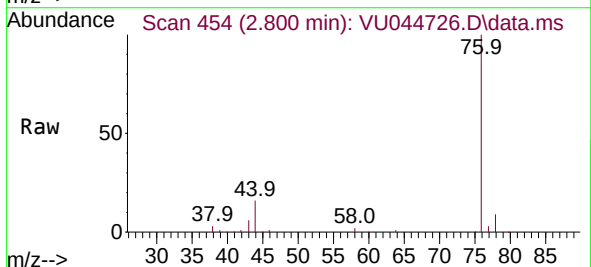
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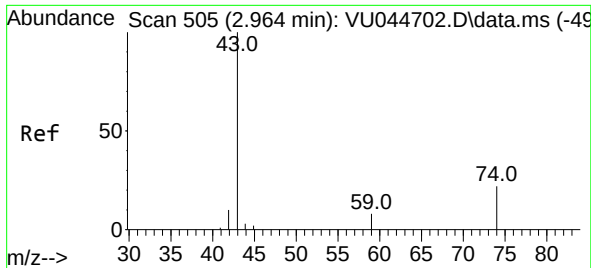
Tgt Ion: 43 Resp: 63085
Ion Ratio Lower Upper
43 100
58 28.9 0.0 42.4



#14
Carbon disulfide
Concen: 4.154 ug/L
RT: 2.800 min Scan# 454
Delta R.T. 0.000 min
Lab File: VU044726.D
Acq: 21 Sep 2021 10:30

Tgt Ion: 76 Resp: 102115
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0

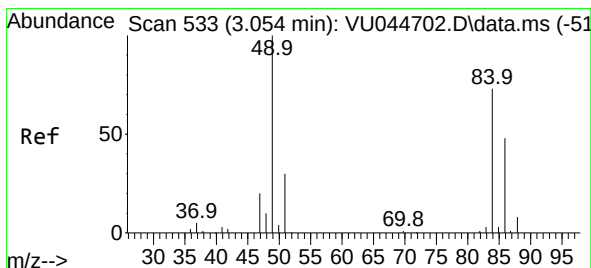
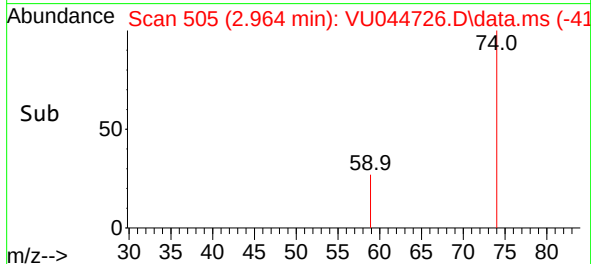
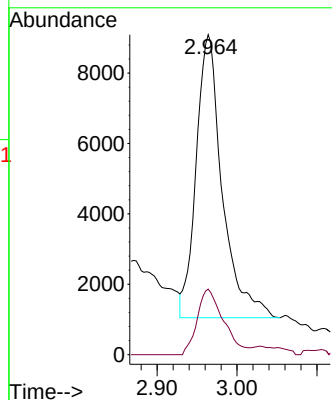
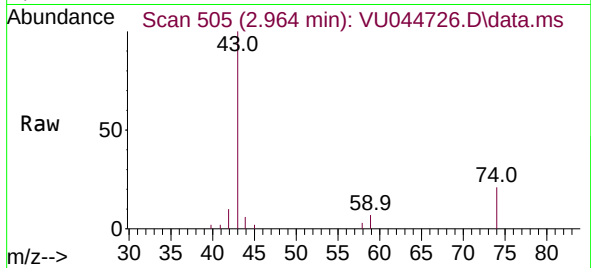




#15
Methyl Acetate
Concen: 5.198 ug/L
RT: 2.964 min Scan# 505
Delta R.T. 0.000 min
Lab File: VU044726.D
Acq: 21 Sep 2021 10:30

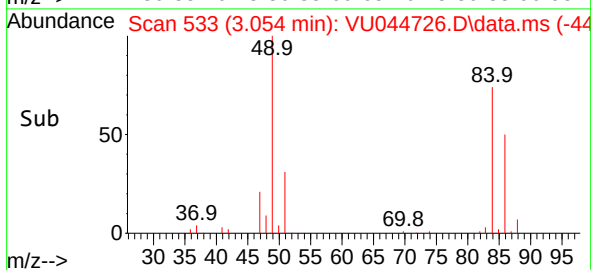
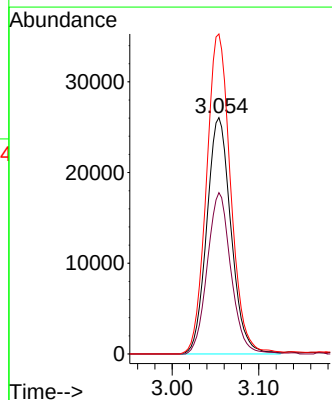
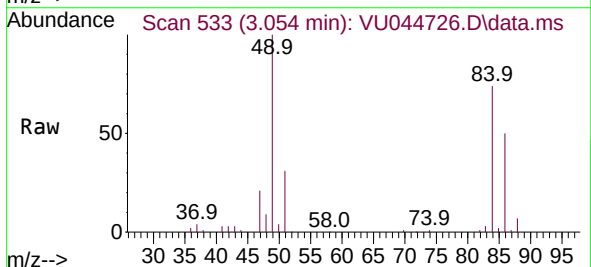
Instrument :
MSVOA_U
ClientSampleId :
VSTD005116

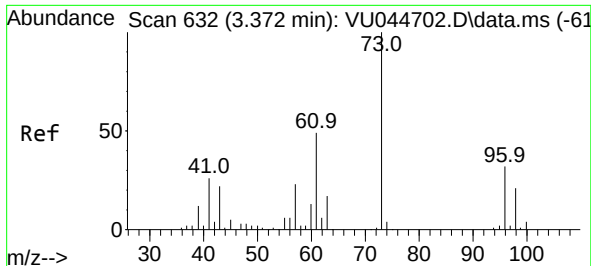
Tgt Ion: 43 Resp: 18274
Ion Ratio Lower Upper
43 100
74 23.5 20.6 30.8



#16
Methylene chloride
Concen: 4.106 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU044726.D
Acq: 21 Sep 2021 10:30

Tgt Ion: 84 Resp: 50703
Ion Ratio Lower Upper
84 100
86 68.2 45.8 85.2
49 135.4 92.9 172.5



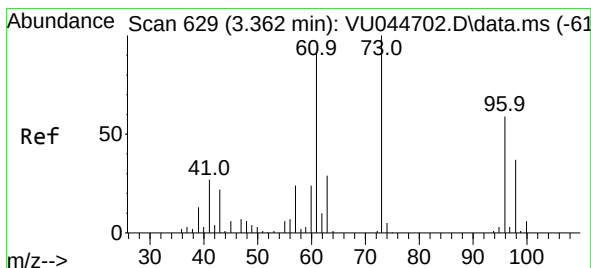
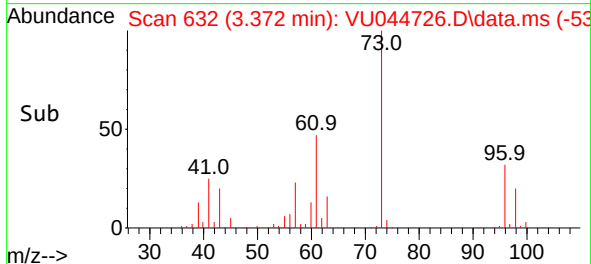
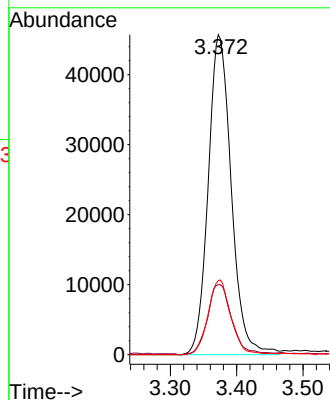
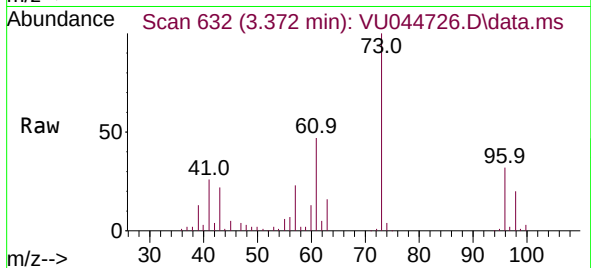


#17

Methyl tert-butyl Ether
Concen: 5.148 ug/L
RT: 3.372 min Scan# 632
Delta R.T. 0.000 min
Lab File: VU044726.D
Acq: 21 Sep 2021 10:30

Instrument :
MSVOA_U
ClientSampleId :
VSTD005116

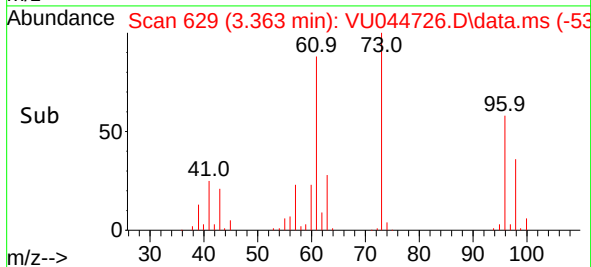
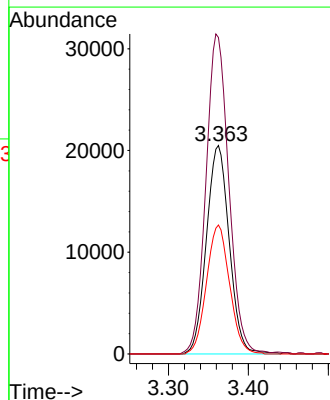
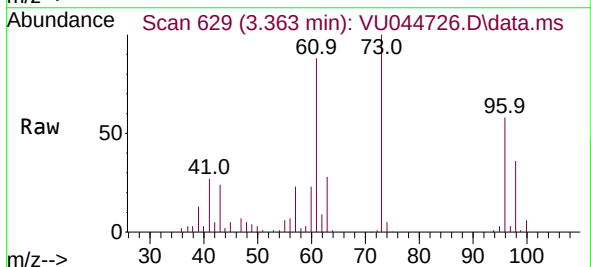
Tgt Ion:	73	Resp:	110492
Ion	Ratio	Lower	Upper
73	100		
43	23.2	17.8	26.6
57	22.9	18.6	27.8

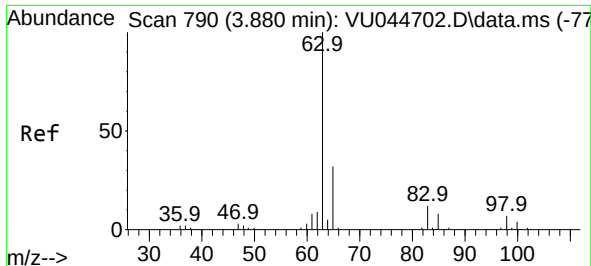


#18

trans-1,2-Dichloroethene
Concen: 4.931 ug/L
RT: 3.363 min Scan# 629
Delta R.T. 0.000 min
Lab File: VU044726.D
Acq: 21 Sep 2021 10:30

Tgt Ion:	96	Resp:	40700
Ion	Ratio	Lower	Upper
96	100		
61	151.8	107.2	199.0
98	61.8	42.8	79.6





#19

1,1-Dichloroethane

Concen: 5.337 ug/L

RT: 3.880 min Scan# 790

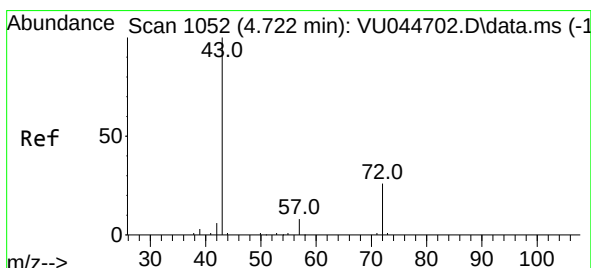
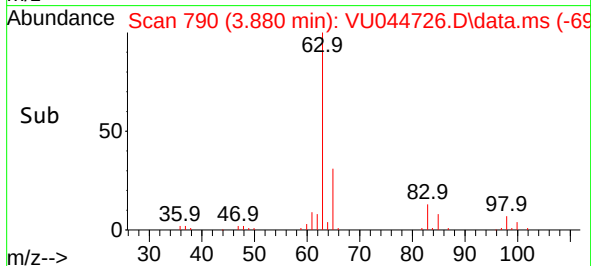
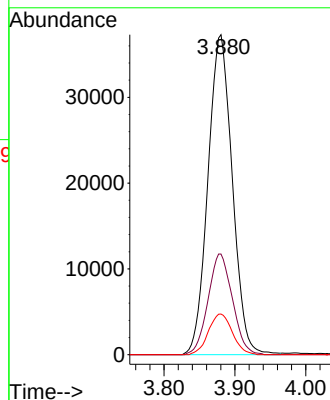
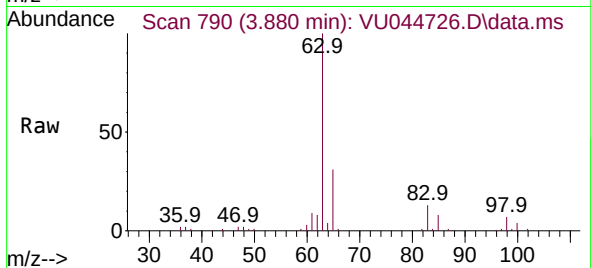
Delta R.T. 0.000 min

Lab File: VU044726.D

Acq: 21 Sep 2021 10:30

Tgt Ion:	63	Resp:	89069
Ion	Ratio	Lower	Upper
63	100		
65	31.5	21.8	40.6
83	12.7	8.8	16.3

Instrument :
MSVOA_U
ClientSampleId :
VSTD005116



#21

2-Butanone

Concen: 47.144 ug/L

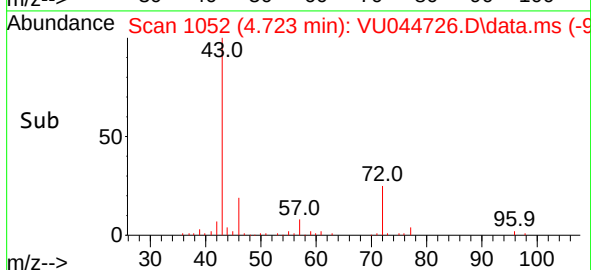
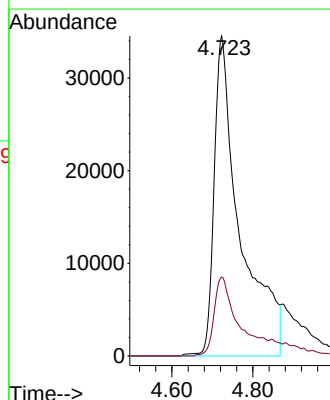
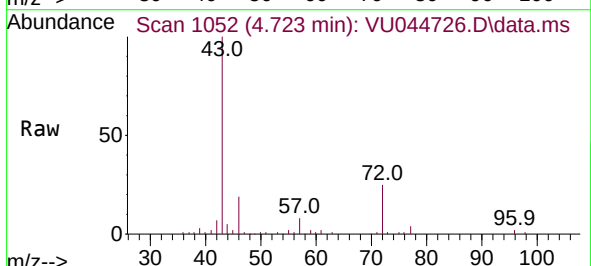
RT: 4.723 min Scan# 1052

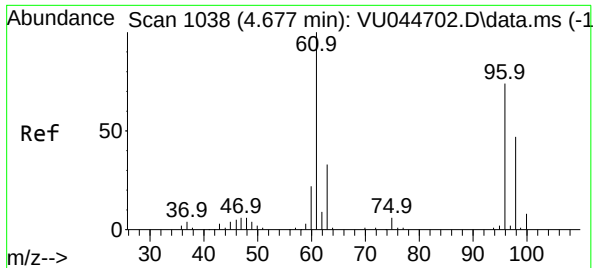
Delta R.T. 0.000 min

Lab File: VU044726.D

Acq: 21 Sep 2021 10:30

Tgt Ion:	43	Resp:	153278
Ion	Ratio	Lower	Upper
43	100		
72	21.6	9.2	27.4

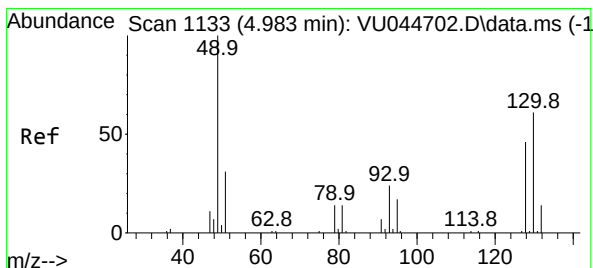
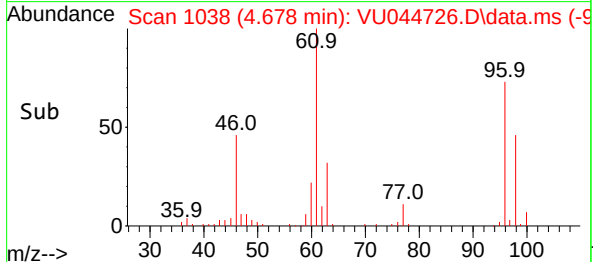
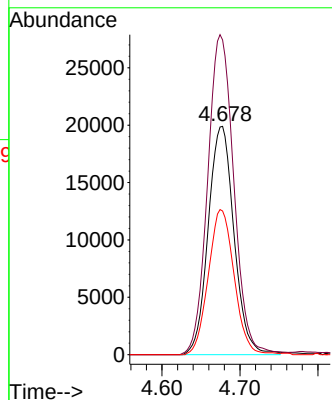
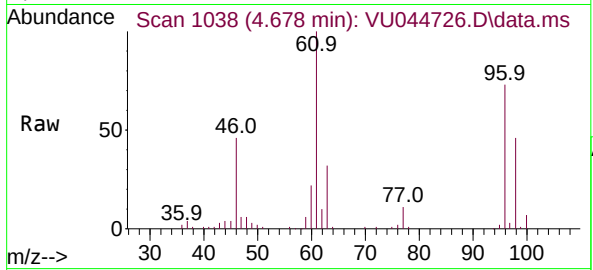




#22
 cis-1,2-Dichloroethene
 Concen: 5.038 ug/L
 RT: 4.678 min Scan# 1038
 Delta R.T. 0.000 min
 Lab File: VU044726.D
 Acq: 21 Sep 2021 10:30

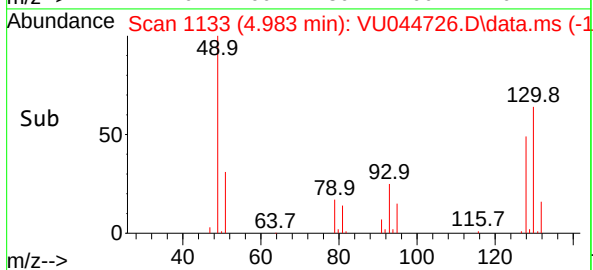
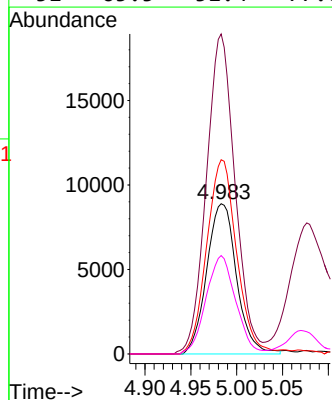
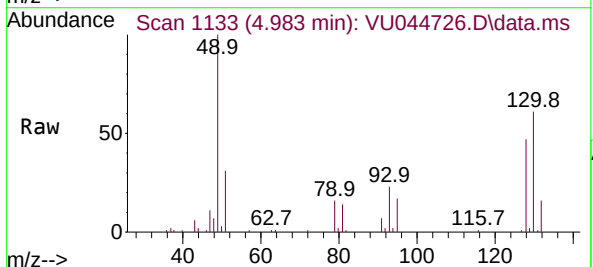
Instrument :
 MSVOA_U
 ClientSampled :
 VSTD005116

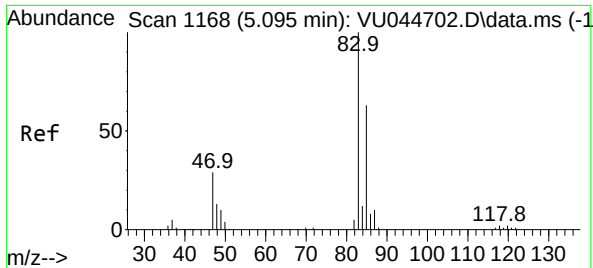
Tgt Ion:	96	Resp:	45844
Ion	Ratio	Lower	Upper
96	100		
61	137.8	96.9	179.9
98	62.9	43.5	80.7



#23
 Bromochloromethane
 Concen: 5.220 ug/L
 RT: 4.983 min Scan# 1133
 Delta R.T. 0.000 min
 Lab File: VU044726.D
 Acq: 21 Sep 2021 10:30

Tgt Ion:	128	Resp:	20125
Ion	Ratio	Lower	Upper
128	100		
49	213.1	141.4	262.6
130	129.4	94.3	175.1
51	65.5	51.4	77.0



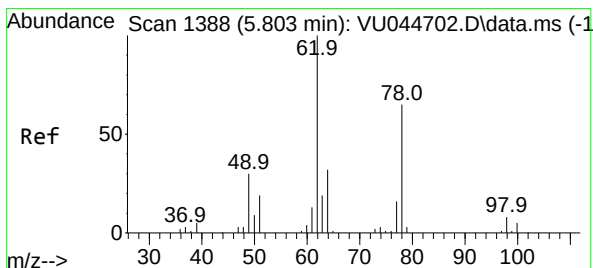
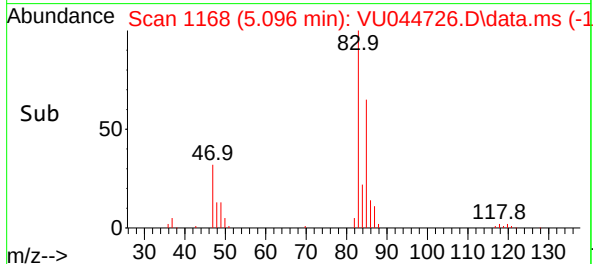
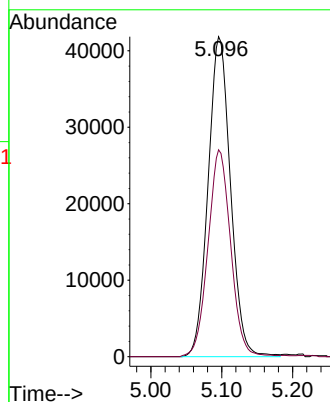
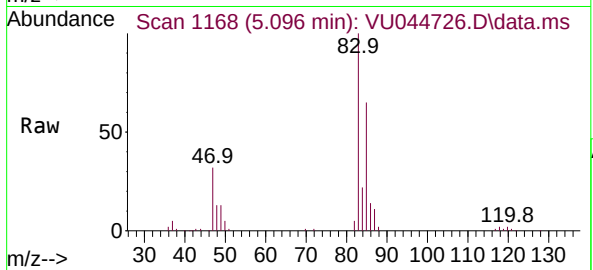


#25

Chloroform
Concen: 5.168 ug/L
RT: 5.096 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VU044726.D
Acq: 21 Sep 2021 10:30

Instrument :
MSVOA_U
ClientSampled :
VSTD005116

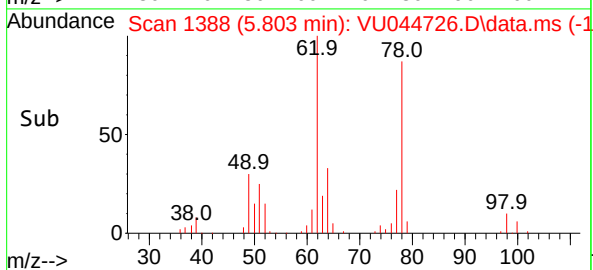
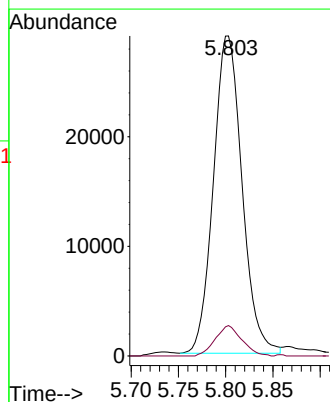
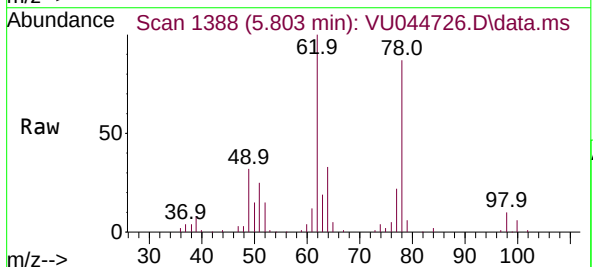
Tgt Ion: 83 Resp: 91908
Ion Ratio Lower Upper
83 100
85 64.6 44.2 82.0

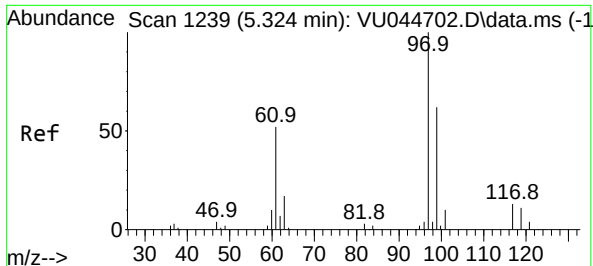


#27

1,2-Dichloroethane
Concen: 5.237 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VU044726.D
Acq: 21 Sep 2021 10:30

Tgt Ion: 62 Resp: 60973
Ion Ratio Lower Upper
62 100
98 9.5 6.6 10.0





#29

1,1,1-Trichloroethane

Concen: 5.355 ug/L

RT: 5.324 min Scan# 1239

Delta R.T. 0.000 min

Lab File: VU044726.D

Acq: 21 Sep 2021 10:30

Tgt Ion: 97 Resp: 70639

Ion Ratio Lower Upper

97 100

99 63.5 50.7 76.1

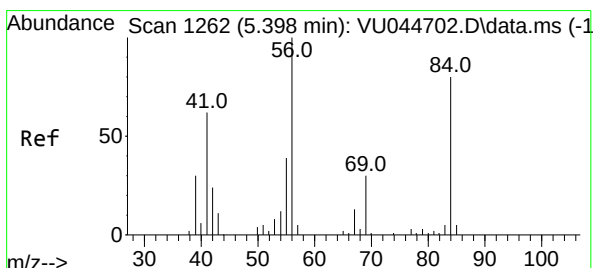
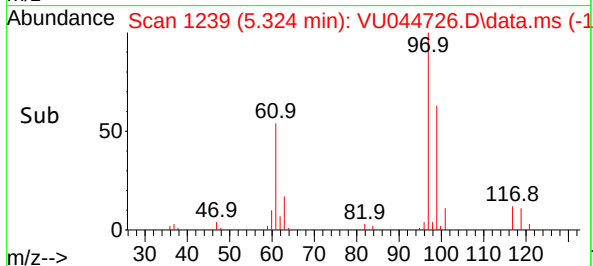
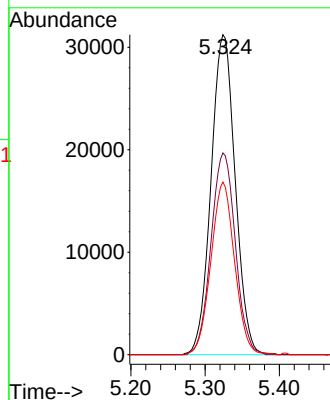
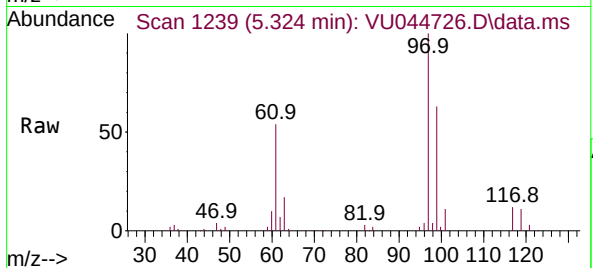
61 52.9 40.6 60.8

Instrument :

MSVOA_U

ClientSampleId :

VSTD005116



#30

Cyclohexane

Concen: 4.566 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. -0.003 min

Lab File: VU044726.D

Acq: 21 Sep 2021 10:30

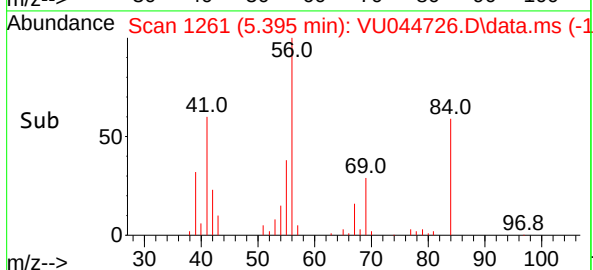
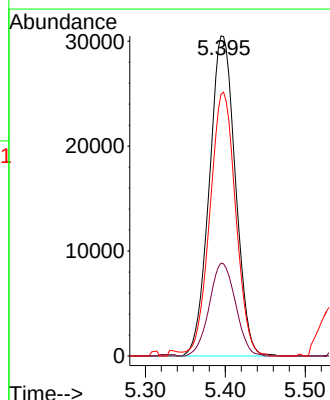
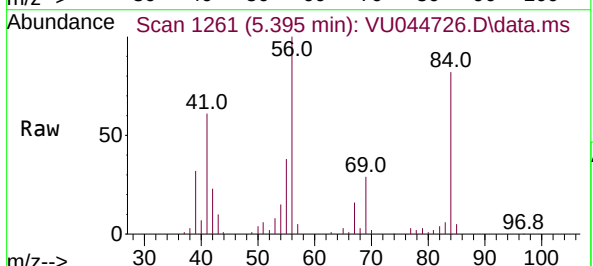
Tgt Ion: 56 Resp: 68979

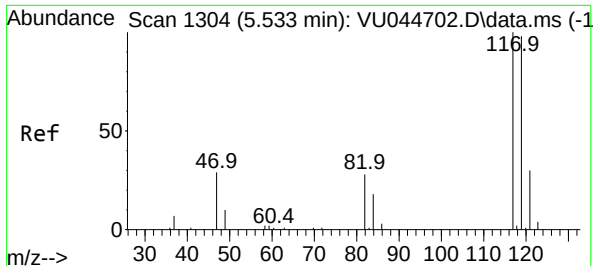
Ion Ratio Lower Upper

56 100

69 29.2 23.4 35.2

84 81.6 65.5 98.3

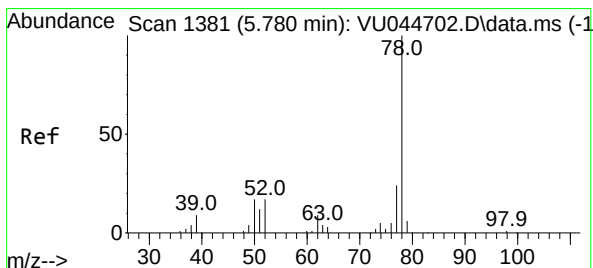
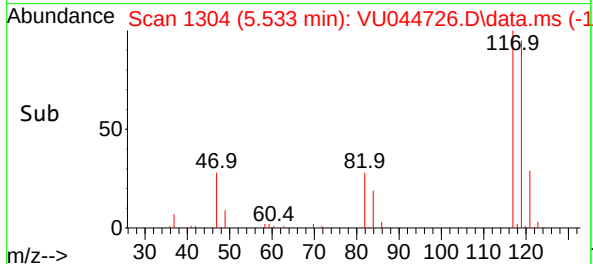
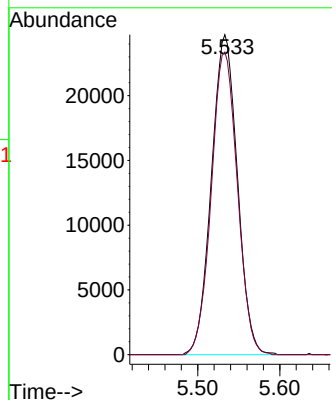
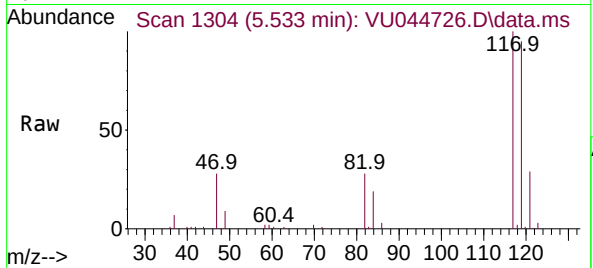




#31
Carbon tetrachloride
Concen: 5.265 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VU044726.D
Acq: 21 Sep 2021 10:30

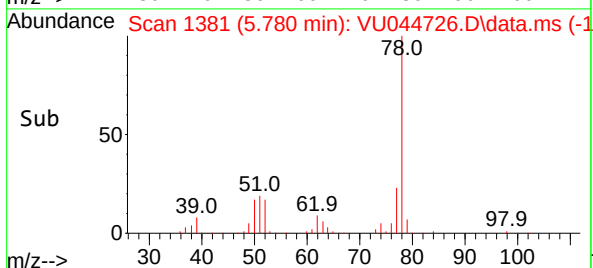
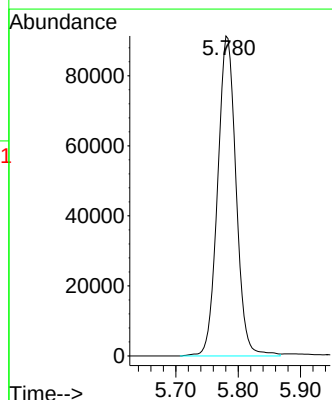
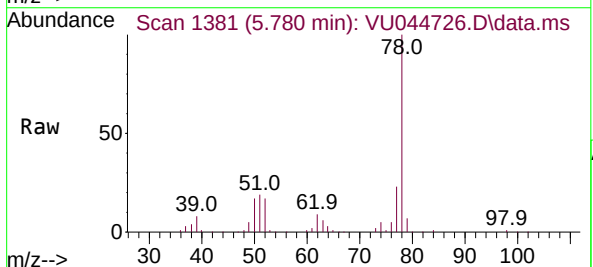
Instrument :
MSVOA_U
ClientSampleId :
VSTD005116

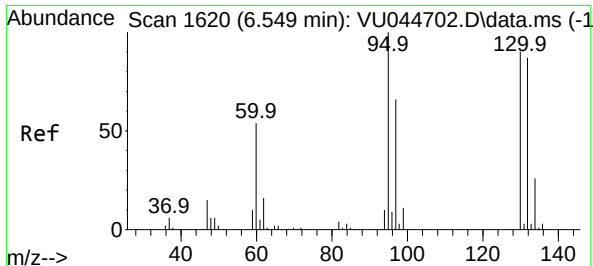
Tgt Ion:117 Resp: 54353
Ion Ratio Lower Upper
117 100
119 95.0 76.4 114.6



#33
Benzene
Concen: 5.219 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VU044726.D
Acq: 21 Sep 2021 10:30

Tgt Ion: 78 Resp: 187497

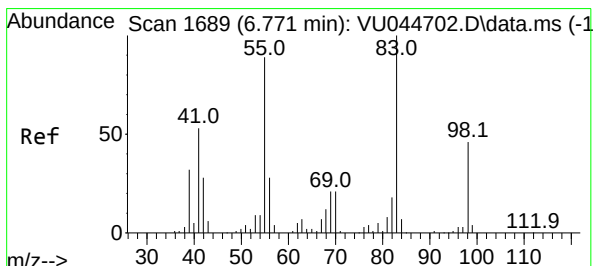
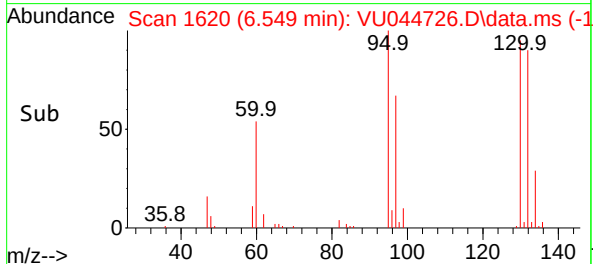
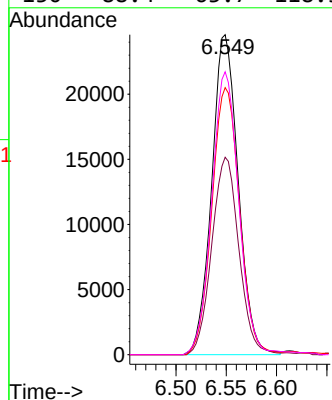
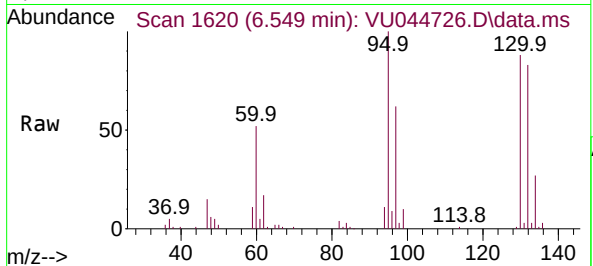




#34
Trichloroethene
Concen: 5.075 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VU044726.D
Acq: 21 Sep 2021 10:30

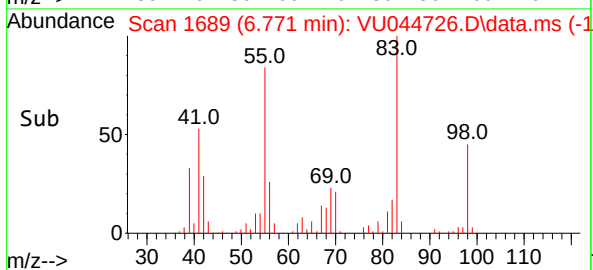
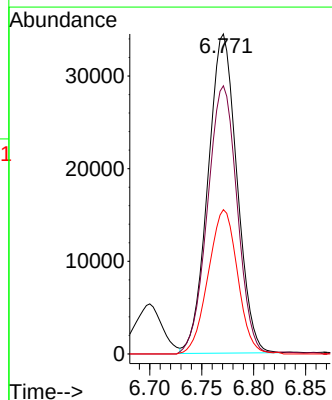
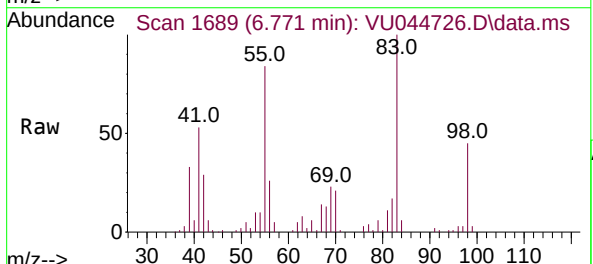
Instrument :
MSVOA_U
ClientSampleId :
VSTD005116

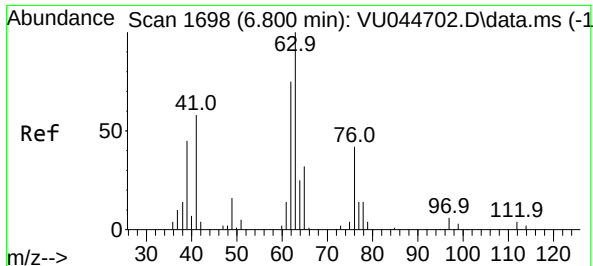
Tgt Ion:	95	Resp:	45131
Ion	Ratio	Lower	Upper
95	100		
97	61.7	44.7	82.9
132	83.4	60.3	111.9
130	88.4	63.7	118.3



#35
Methylcyclohexane
Concen: 4.577 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VU044726.D
Acq: 21 Sep 2021 10:30

Tgt Ion:	83	Resp:	66891
Ion	Ratio	Lower	Upper
83	100		
55	86.1	68.3	102.5
98	45.8	37.3	55.9



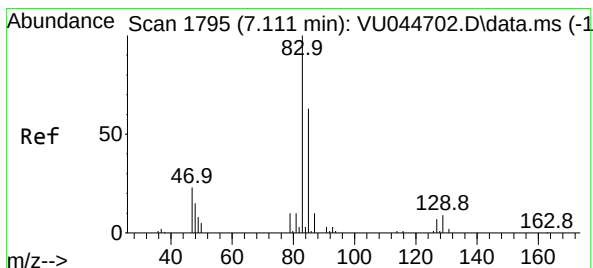
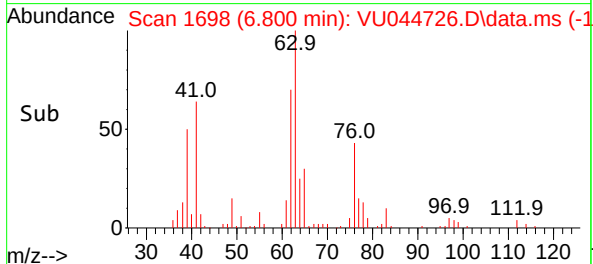
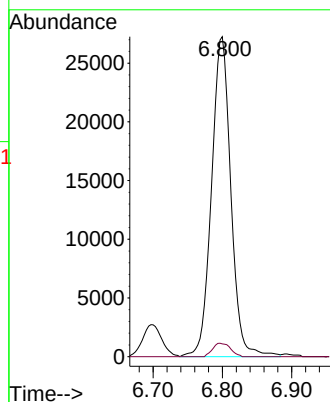
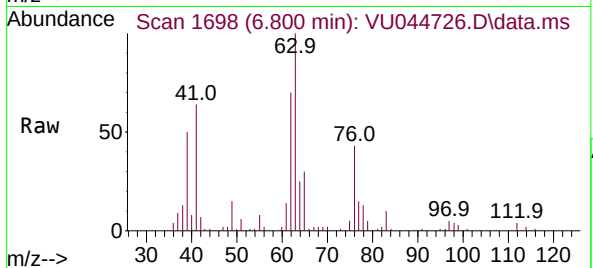


#37

1,2-Dichloropropane
Concen: 5.487 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VU044726.D
Acq: 21 Sep 2021 10:30

Instrument :
MSVOA_U
ClientSampled :
VSTD005116

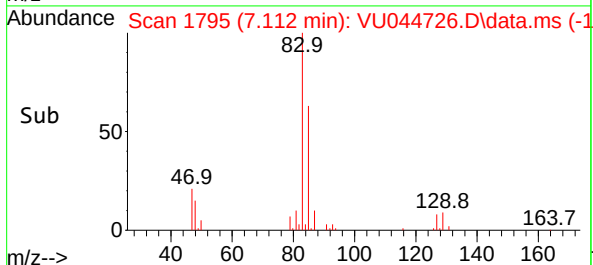
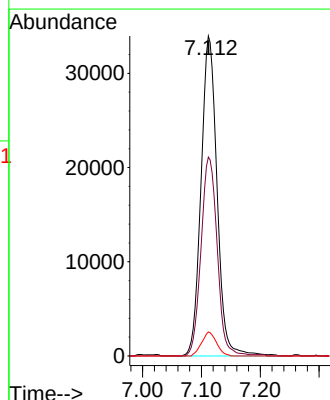
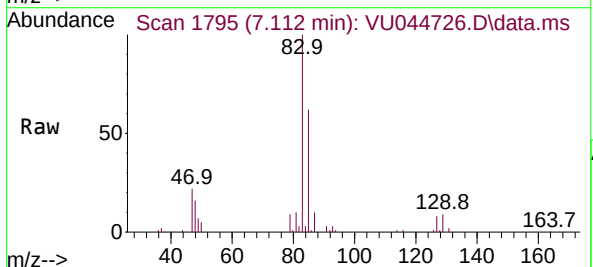
Tgt Ion: 63 Resp: 52821
Ion Ratio Lower Upper
63 100
112 3.9 3.1 4.7

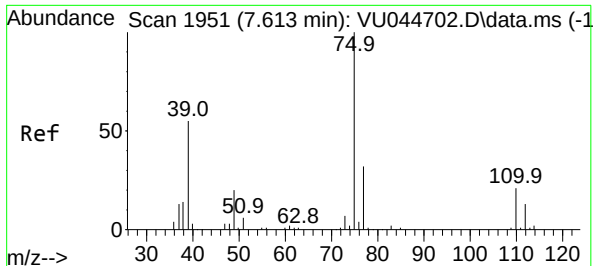


#38

Bromodichloromethane
Concen: 5.504 ug/L
RT: 7.112 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VU044726.D
Acq: 21 Sep 2021 10:30

Tgt Ion: 83 Resp: 64244
Ion Ratio Lower Upper
83 100
85 62.1 46.3 86.1
127 7.5 6.0 9.0



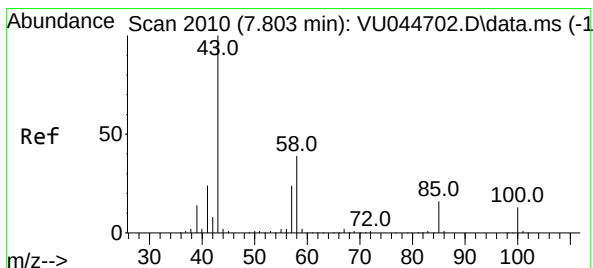
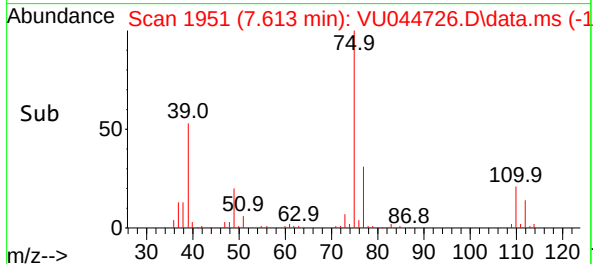
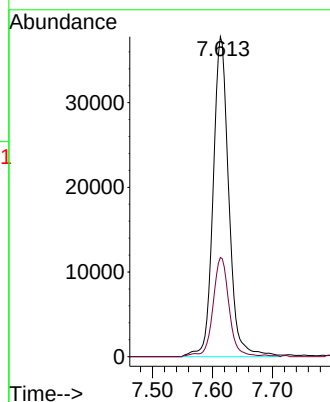
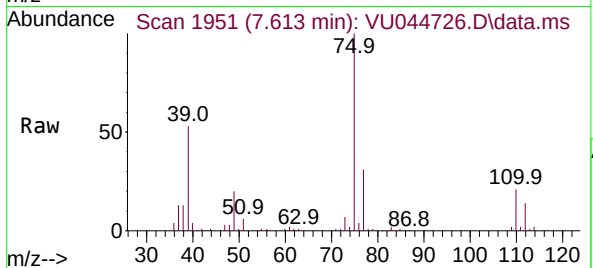


#39

cis-1,3-Dichloropropene
Concen: 5.047 ug/L
RT: 7.613 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VU044726.D
Acq: 21 Sep 2021 10:30

Instrument :
MSVOA_U
ClientSampled :
VSTD005116

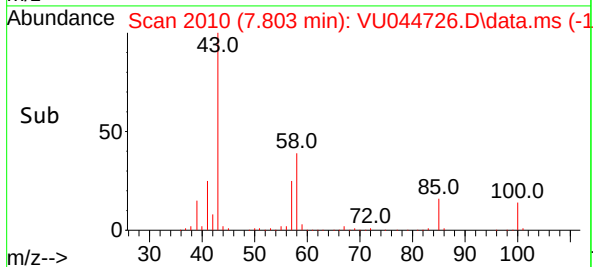
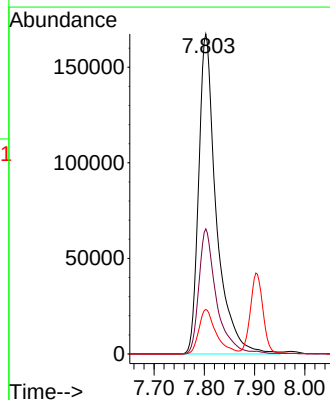
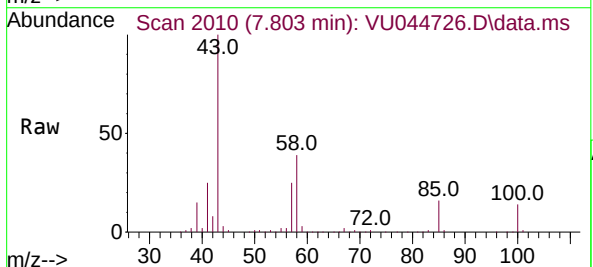
Tgt Ion: 75 Resp: 68836
Ion Ratio Lower Upper
75 100
77 31.0 21.5 39.9

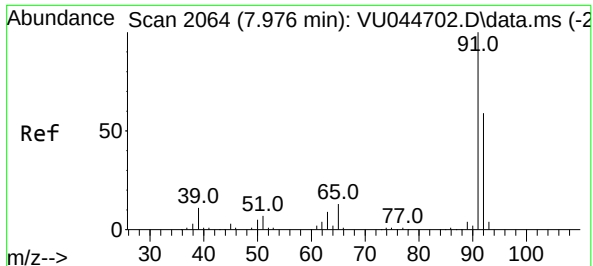


#40

4-Methyl-2-pentanone
Concen: 54.508 ug/L
RT: 7.803 min Scan# 2010
Delta R.T. 0.000 min
Lab File: VU044726.D
Acq: 21 Sep 2021 10:30

Tgt Ion: 43 Resp: 408432
Ion Ratio Lower Upper
43 100
58 39.1 31.2 46.8
100 13.7 11.4 17.0

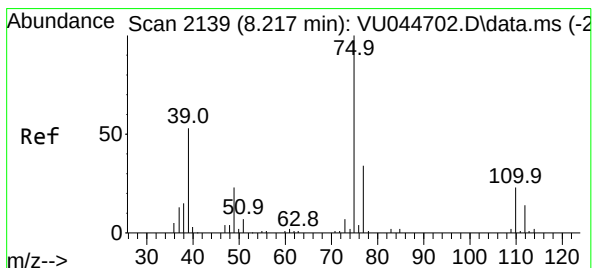
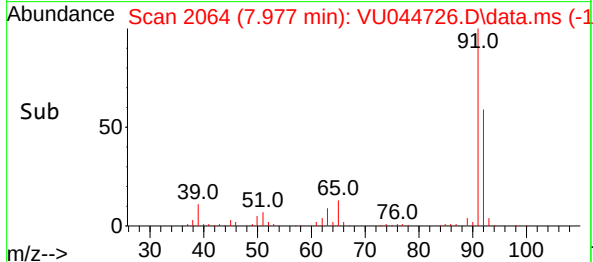
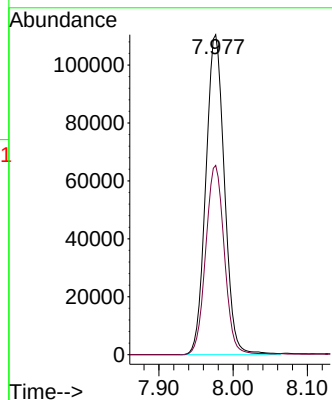
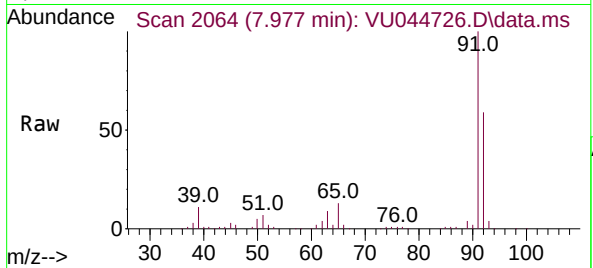




#42
Toluene
Concen: 5.124 ug/L
RT: 7.977 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU044726.D
Acq: 21 Sep 2021 10:30

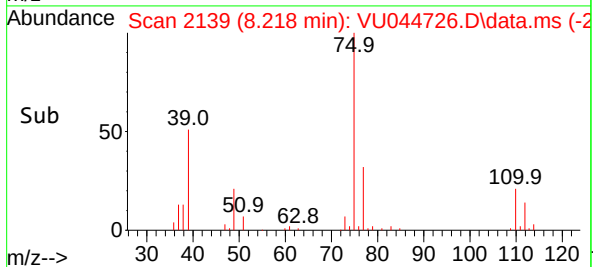
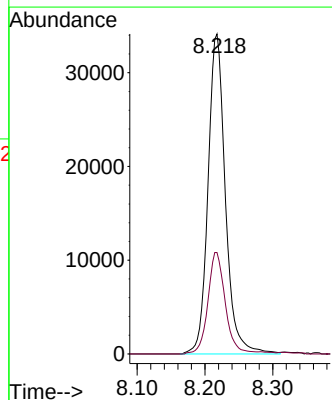
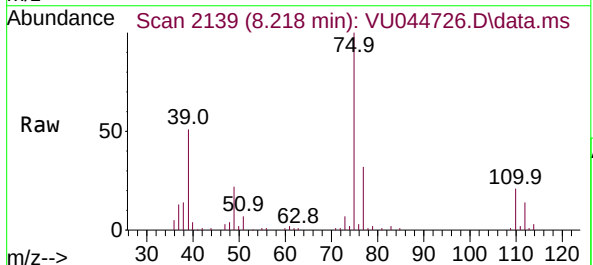
Instrument :
MSVOA_U
ClientSampleId :
VSTD005116

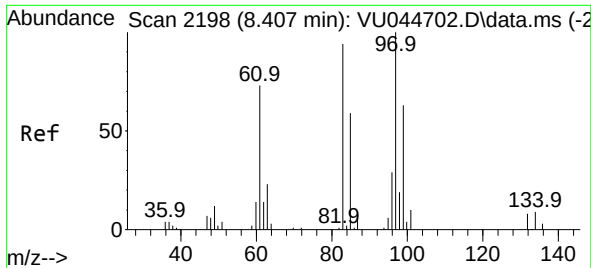
Tgt Ion: 91 Resp: 192241
Ion Ratio Lower Upper
91 100
92 59.1 41.1 76.3



#44
trans-1,3-Dichloropropene
Concen: 5.223 ug/L
RT: 8.218 min Scan# 2139
Delta R.T. 0.000 min
Lab File: VU044726.D
Acq: 21 Sep 2021 10:30

Tgt Ion: 75 Resp: 60783
Ion Ratio Lower Upper
75 100
77 31.7 22.0 41.0

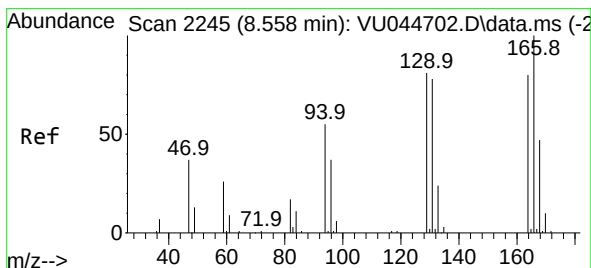
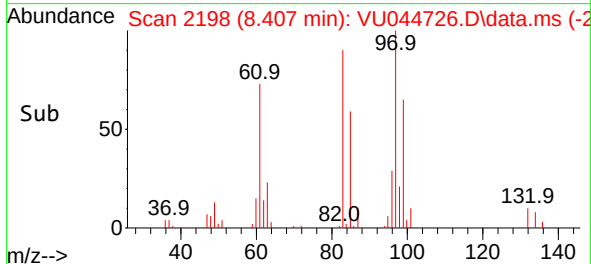
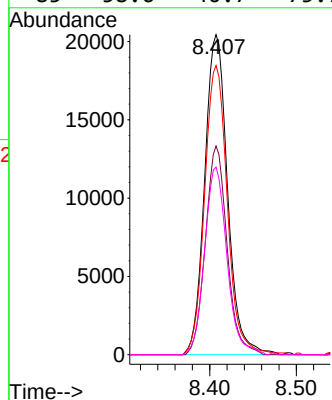
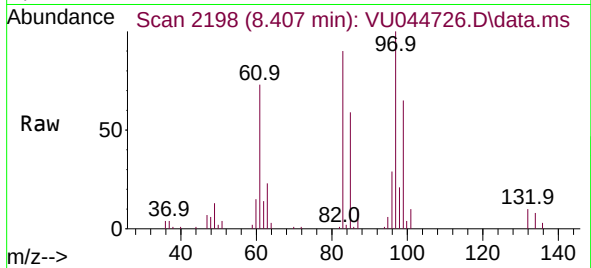




#45
1,1,2-Trichloroethane
Concen: 5.491 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. 0.000 min
Lab File: VU044726.D
Acq: 21 Sep 2021 10:30

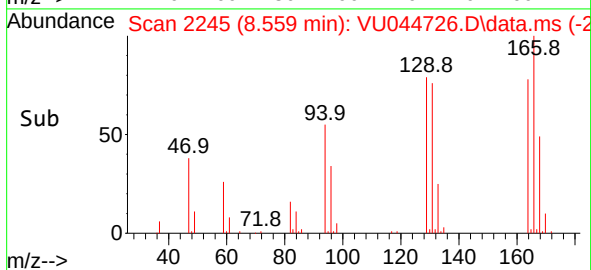
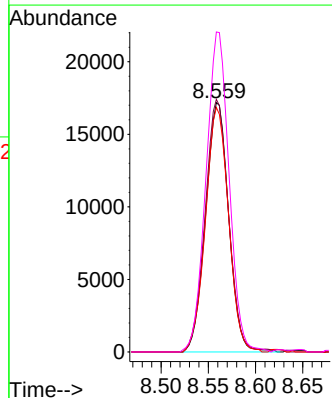
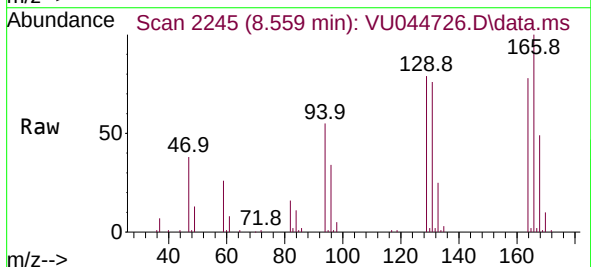
Instrument :
MSVOA_U
ClientSampleId :
VSTD005116

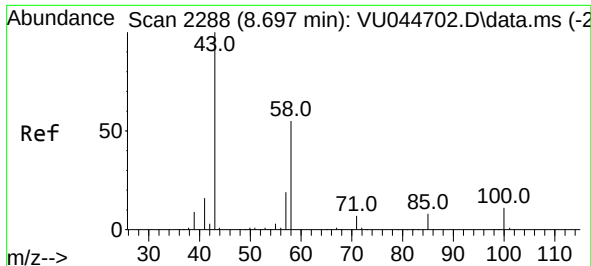
Tgt Ion:	97	Resp:	37585
Ion	Ratio	Lower	Upper
97	100		
99	65.2	44.8	83.2
83	90.3	63.6	118.0
85	58.6	40.7	75.7



#47
Tetrachloroethene
Concen: 4.723 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU044726.D
Acq: 21 Sep 2021 10:30

Tgt Ion:	164	Resp:	29167
Ion	Ratio	Lower	Upper
164	100		
129	101.3	67.0	124.4
131	98.0	65.2	121.0
166	128.4	87.6	162.8

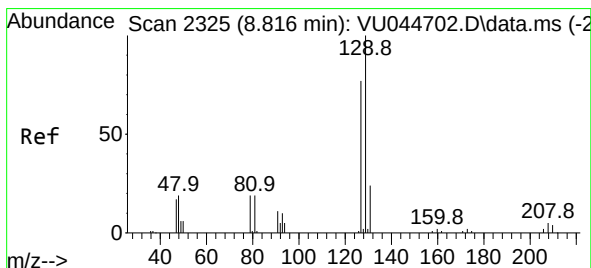
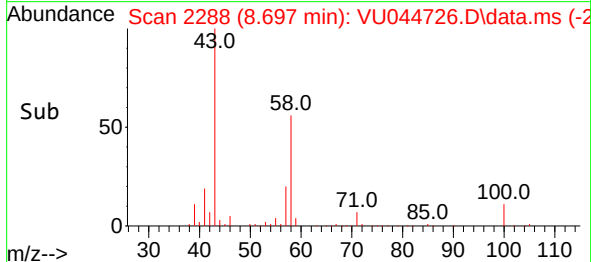
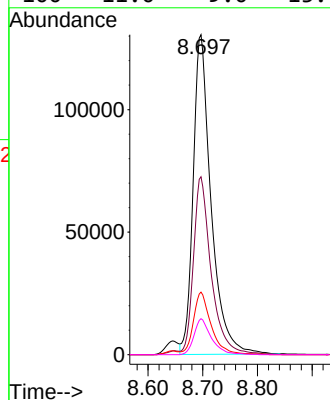
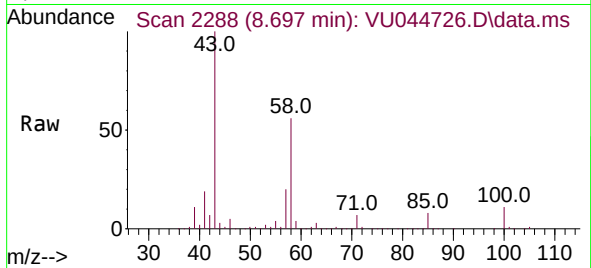




#48
2-Hexanone
Concen: 53.247 ug/L
RT: 8.697 min Scan# 2288
Delta R.T. 0.000 min
Lab File: VU044726.D
Acq: 21 Sep 2021 10:30

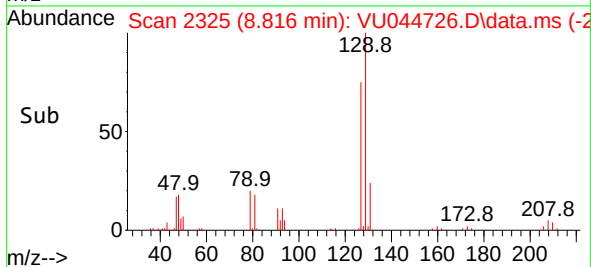
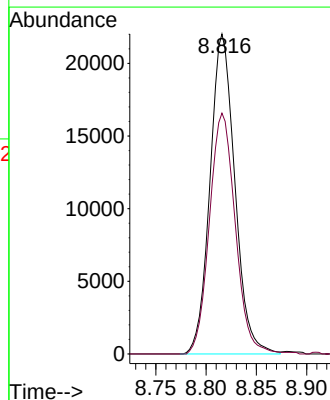
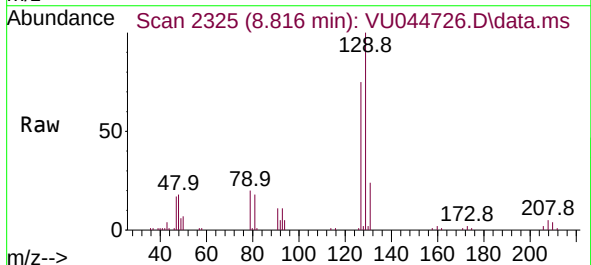
Instrument :
MSVOA_U
ClientSampleId :
VSTD005116

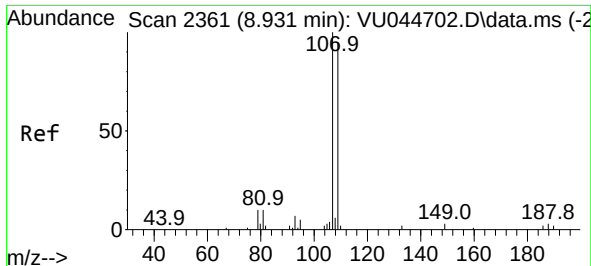
Tgt Ion:	43	Resp:	296974
Ion	Ratio	Lower	Upper
43	100		
58	54.4	44.6	66.8
57	19.5	14.8	22.2
100	11.0	9.0	13.4



#49
Dibromochloromethane
Concen: 5.267 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. 0.000 min
Lab File: VU044726.D
Acq: 21 Sep 2021 10:30

Tgt Ion:	129	Resp:	37878
Ion	Ratio	Lower	Upper
129	100		
127	75.3	53.3	99.1





#50

1,2-Dibromoethane

Concen: 5.223 ug/L

RT: 8.931 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VU044726.D

Acq: 21 Sep 2021 10:30

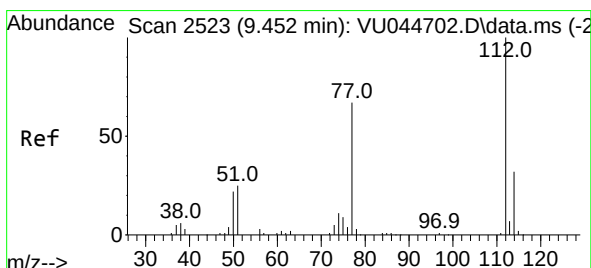
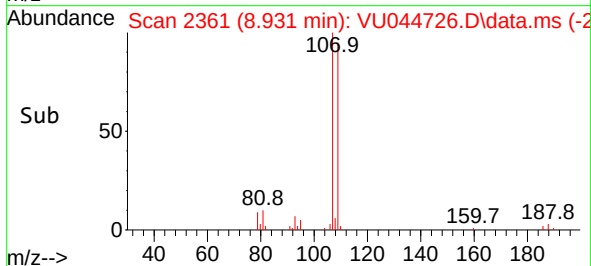
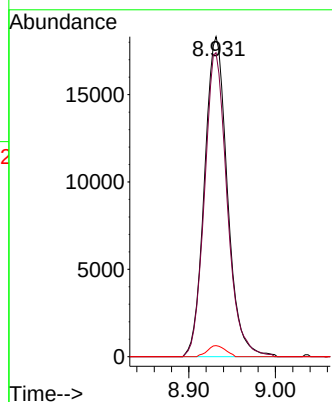
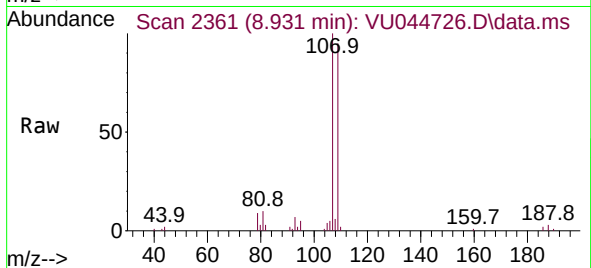
Instrument :

MSVOA_U

ClientSampleId :

VSTD005116

Tgt Ion:	107	Resp:	33658
Ion	Ratio	Lower	Upper
107	100		
109	95.0	65.5	121.7
188	3.5	3.0	4.4



#51

Chlorobenzene

Concen: 4.967 ug/L

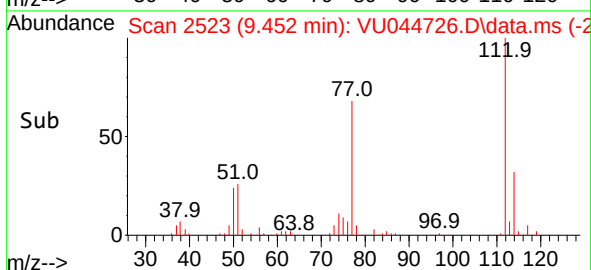
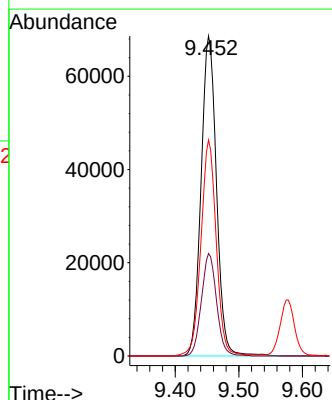
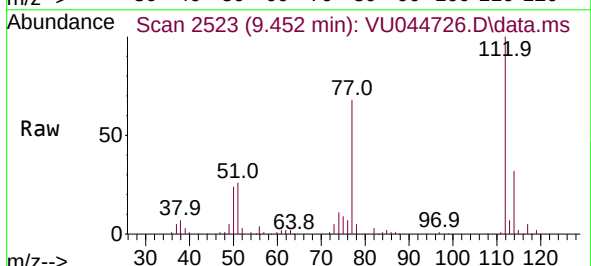
RT: 9.452 min Scan# 2523

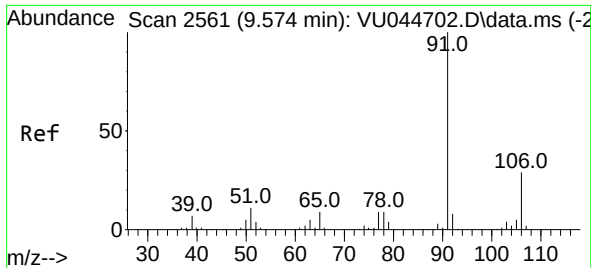
Delta R.T. 0.000 min

Lab File: VU044726.D

Acq: 21 Sep 2021 10:30

Tgt Ion:	112	Resp:	115528
Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.8	42.4
77	67.5	51.4	77.0

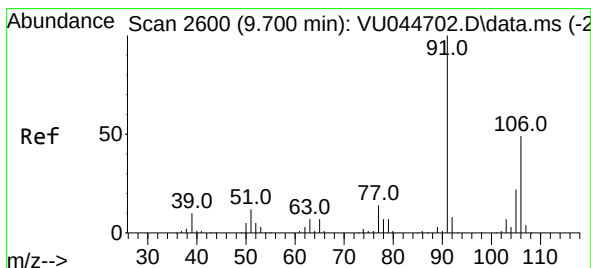
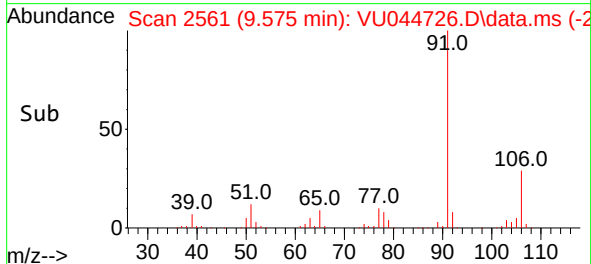
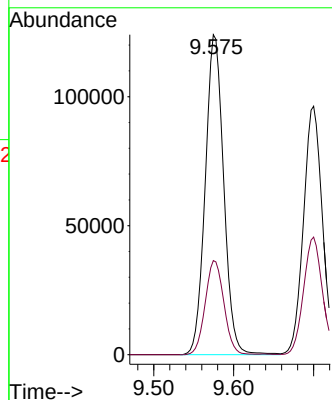
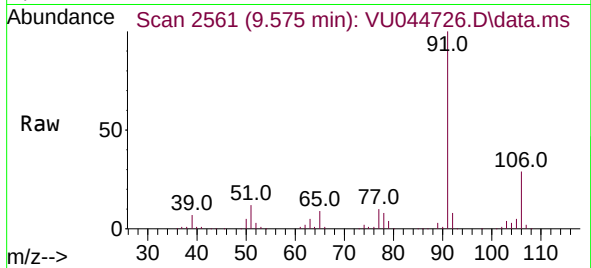




#52
Ethylbenzene
Concen: 4.909 ug/L
RT: 9.575 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU044726.D
Acq: 21 Sep 2021 10:30

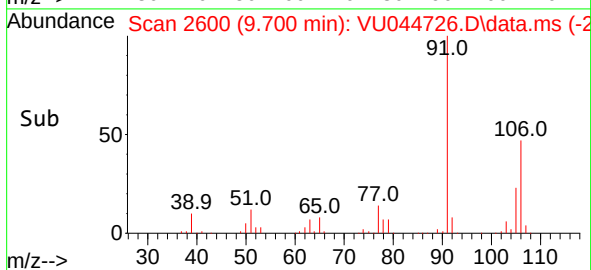
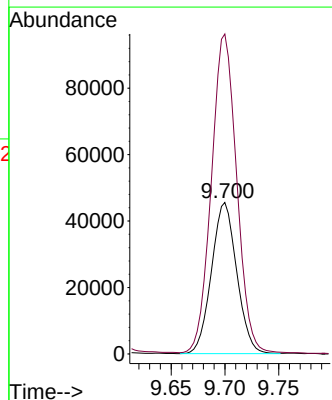
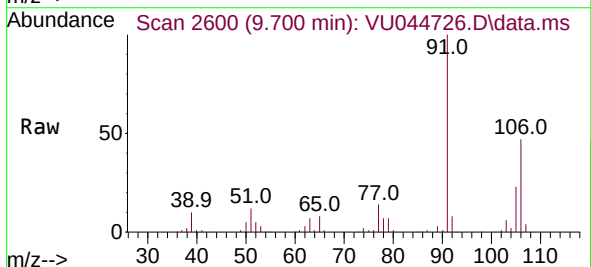
Instrument :
MSVOA_U
ClientSampleId :
VSTD005116

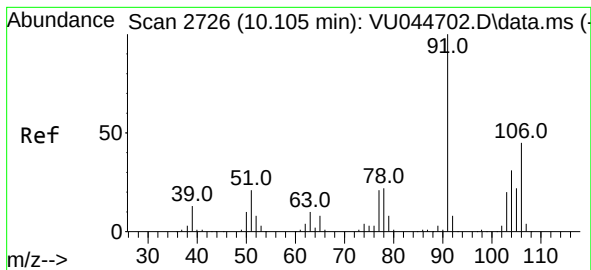
Tgt Ion: 91 Resp: 199505
Ion Ratio Lower Upper
91 100
106 29.4 21.1 39.1



#53
m,p-Xylene
Concen: 4.806 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. 0.000 min
Lab File: VU044726.D
Acq: 21 Sep 2021 10:30

Tgt Ion: 106 Resp: 74274
Ion Ratio Lower Upper
106 100
91 211.2 144.6 268.6

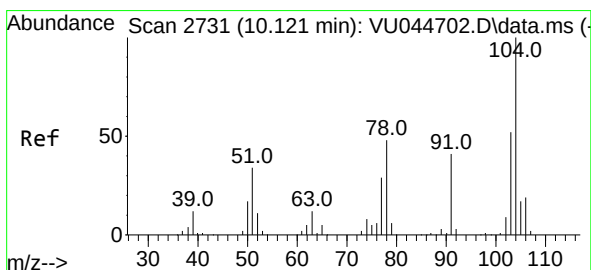
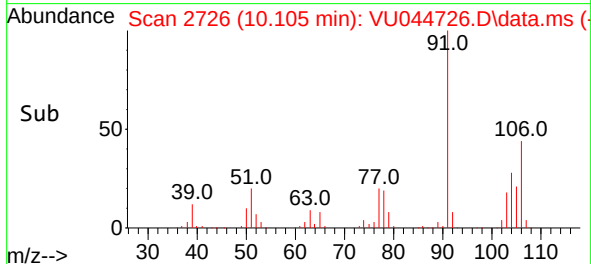
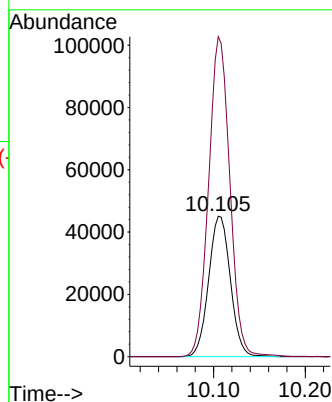
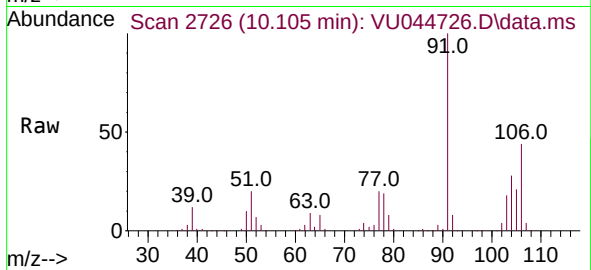




#54
o-Xylene
Concen: 5.029 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. 0.000 min
Lab File: VU044726.D
Acq: 21 Sep 2021 10:30

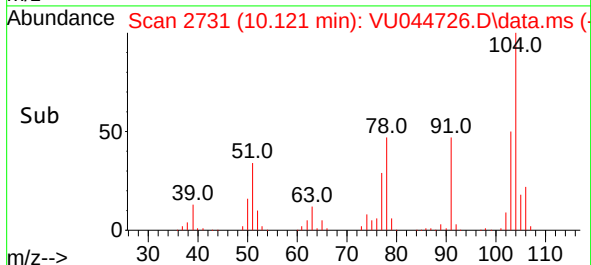
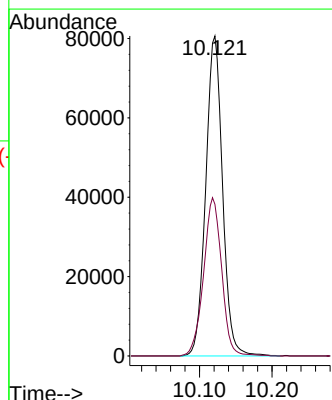
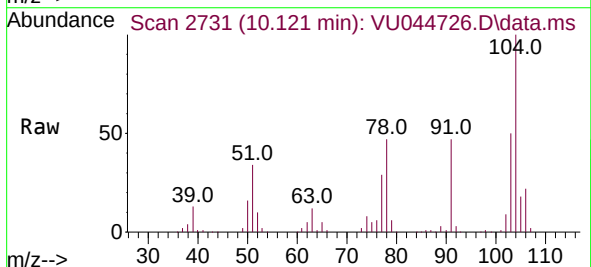
Instrument :
MSVOA_U
ClientSampled :
VSTD005116

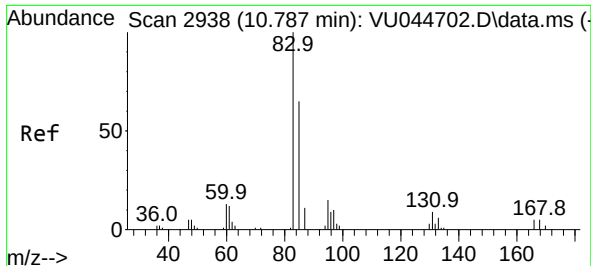
Tgt Ion:106 Resp: 74248
Ion Ratio Lower Upper
106 100
91 227.7 156.2 290.0



#55
Styrene
Concen: 5.035 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. 0.000 min
Lab File: VU044726.D
Acq: 21 Sep 2021 10:30

Tgt Ion:104 Resp: 130109
Ion Ratio Lower Upper
104 100
78 47.4 33.6 62.4

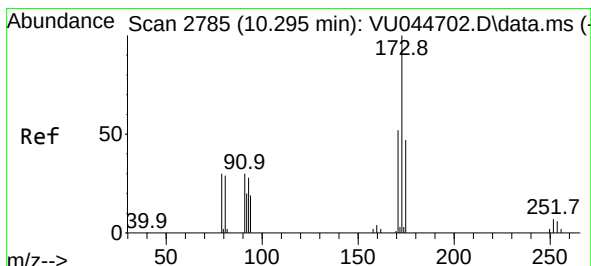
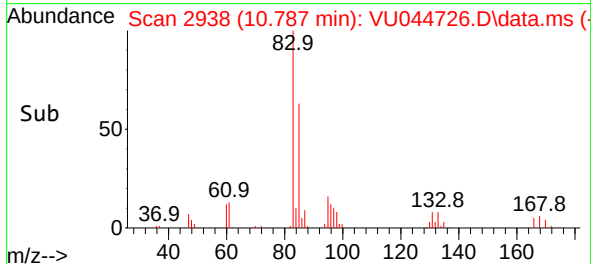
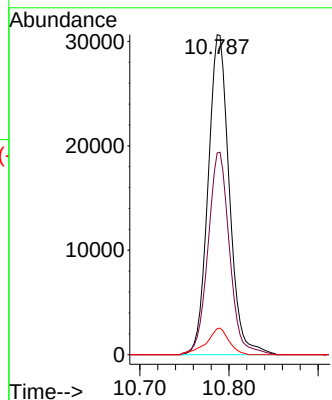
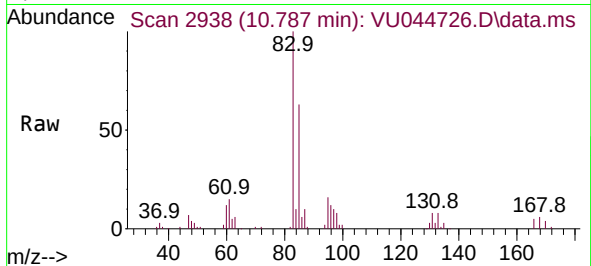




#57
1,1,2,2-Tetrachloroethane
Concen: 5.490 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. 0.000 min
Lab File: VU044726.D
Acq: 21 Sep 2021 10:30

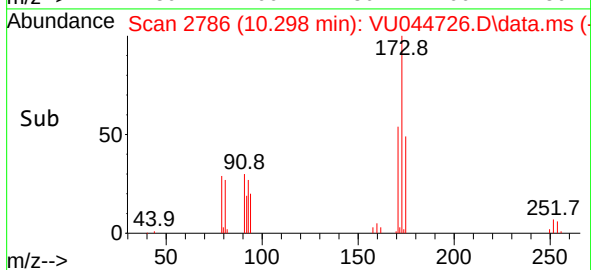
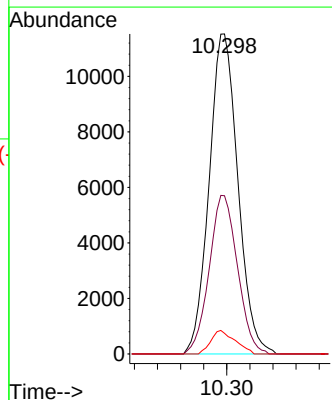
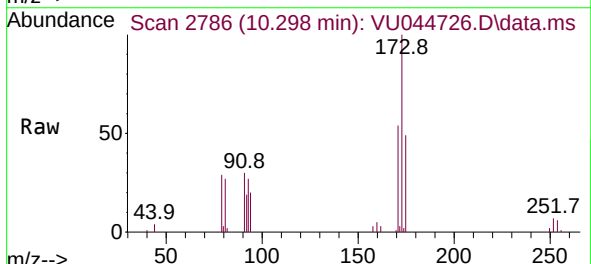
Instrument :
MSVOA_U
ClientSampleId :
VSTD005116

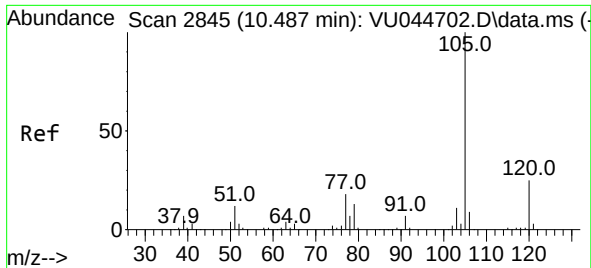
Tgt Ion:	83	Resp:	50456
Ion Ratio	Lower	Upper	
83	100		
85	63.1	44.5	82.7
131	8.1	6.6	10.0



#59
Bromoform
Concen: 5.272 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. 0.003 min
Lab File: VU044726.D
Acq: 21 Sep 2021 10:30

Tgt Ion:	173	Resp:	19912
Ion Ratio	Lower	Upper	
173	100		
175	48.7	38.8	58.2
254	6.2	4.9	7.3

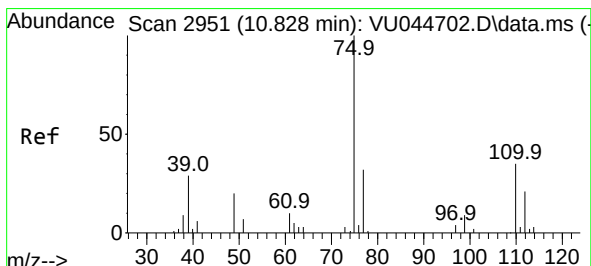
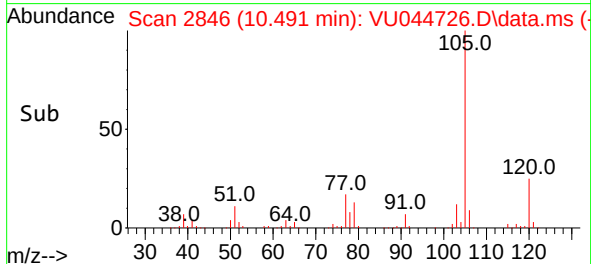
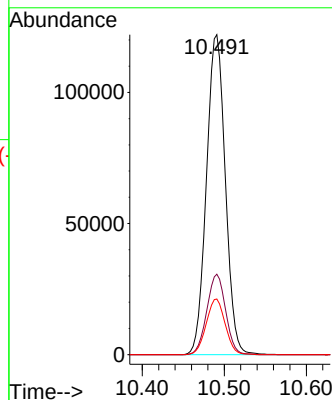
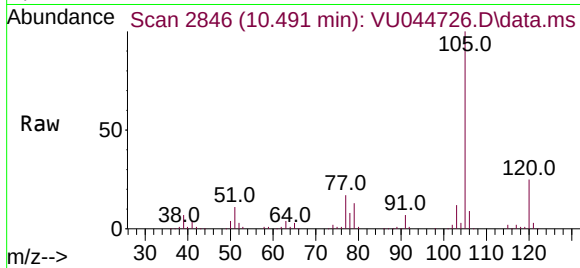




#60
Isopropylbenzene
Concen: 5.140 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. 0.003 min
Lab File: VU044726.D
Acq: 21 Sep 2021 10:30

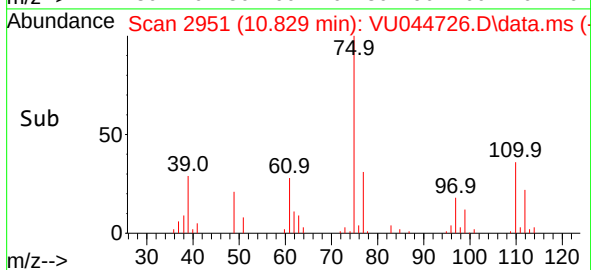
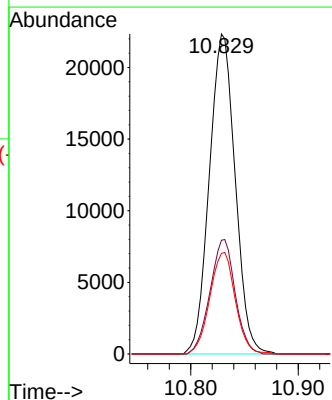
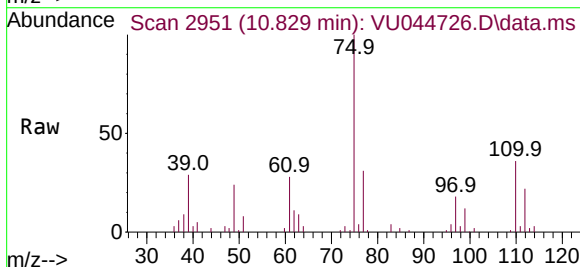
Instrument :
MSVOA_U
ClientSampleId :
VSTD005116

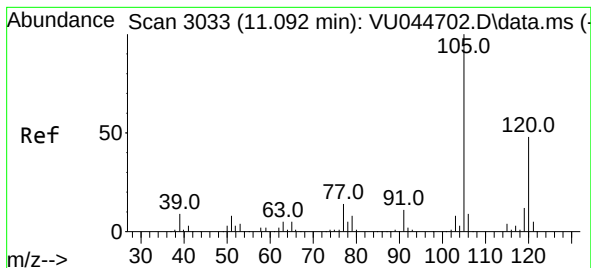
Tgt Ion:105 Resp: 195512
Ion Ratio Lower Upper
105 100
120 25.0 20.2 30.2
77 17.5 13.6 20.4



#61
1,2,3-Trichloropropane
Concen: 5.551 ug/L
RT: 10.829 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU044726.D
Acq: 21 Sep 2021 10:30

Tgt Ion: 75 Resp: 37275
Ion Ratio Lower Upper
75 100
110 34.7 28.8 43.2
77 31.3 25.9 38.9





#62

1,3,5-Trimethylbenzene

Concen: 4.952 ug/L

RT: 11.095 min Scan# 3034

Delta R.T. 0.003 min

Lab File: VU044726.D

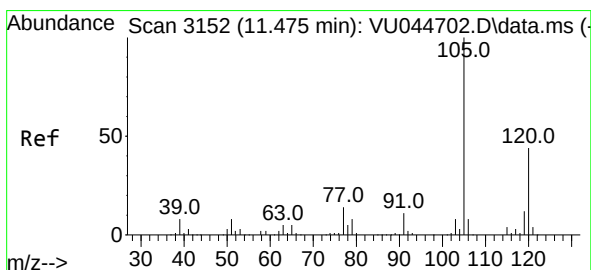
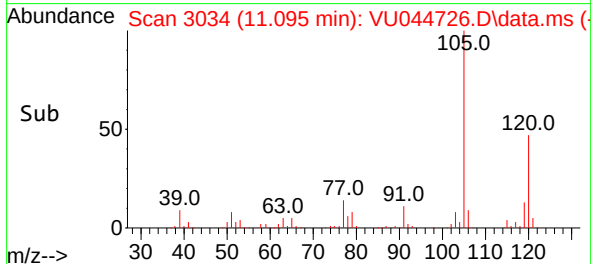
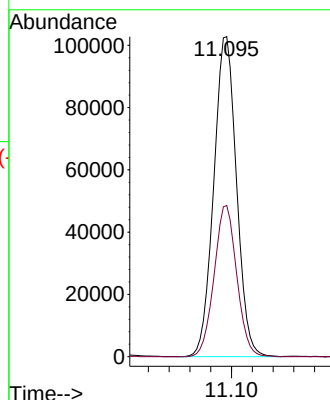
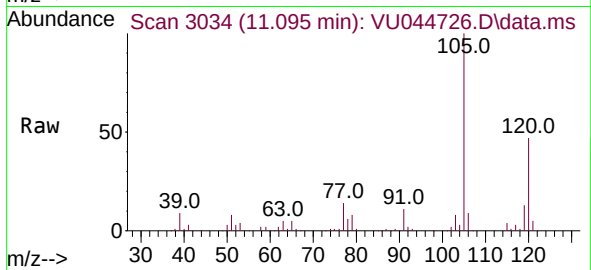
Acq: 21 Sep 2021 10:30

Tgt Ion:105 Resp: 156437

Ion Ratio Lower Upper

105 100

120 47.0 38.2 57.2



#63

1,2,4-Trimethylbenzene

Concen: 4.976 ug/L

RT: 11.475 min Scan# 3152

Delta R.T. 0.000 min

Lab File: VU044726.D

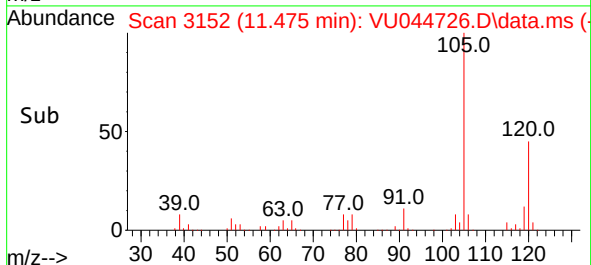
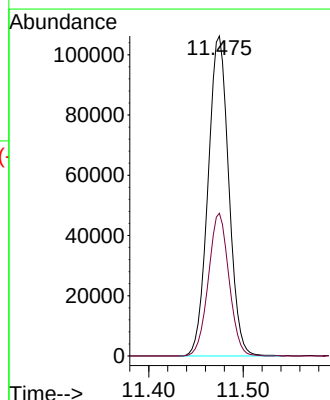
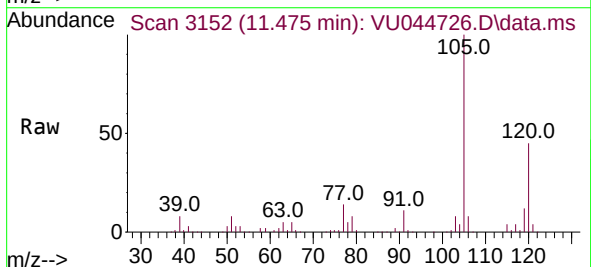
Acq: 21 Sep 2021 10:30

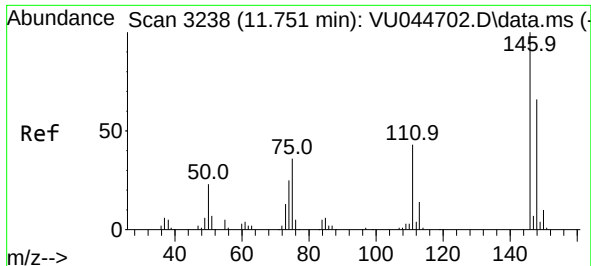
Tgt Ion:105 Resp: 161435

Ion Ratio Lower Upper

105 100

120 44.4 35.4 53.2

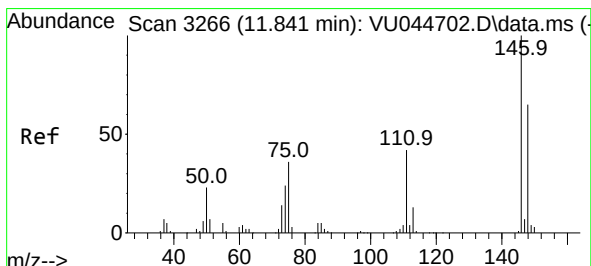
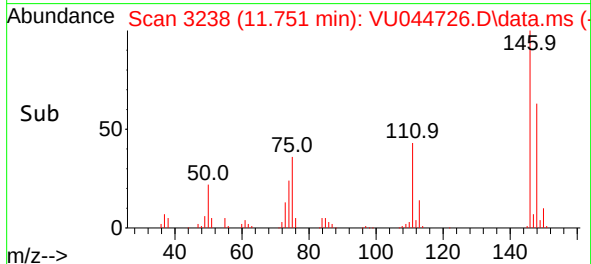
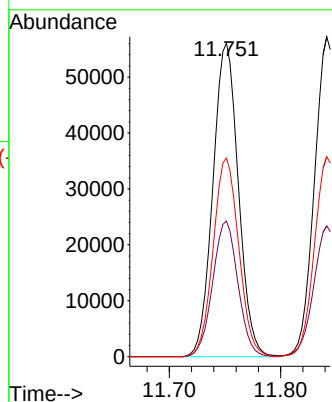
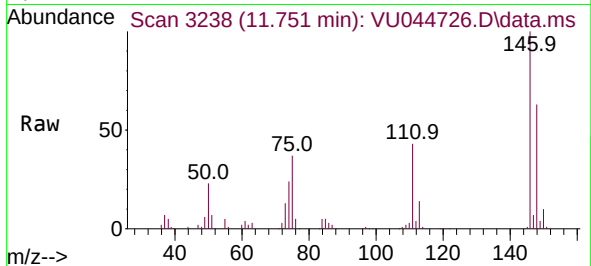




#64
1,3-Dichlorobenzene
Concen: 5.020 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. 0.000 min
Lab File: VU044726.D
Acq: 21 Sep 2021 10:30

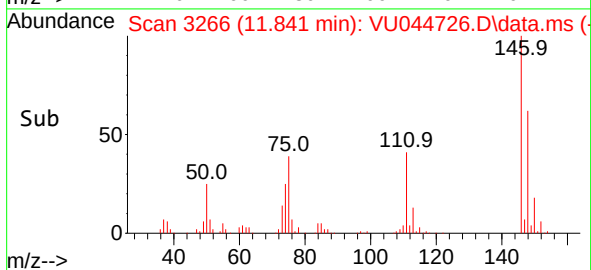
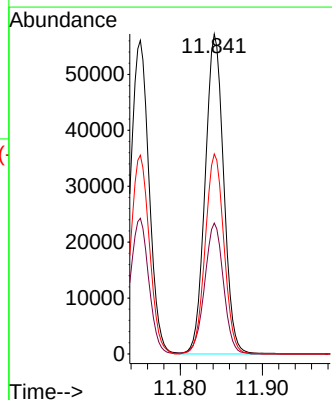
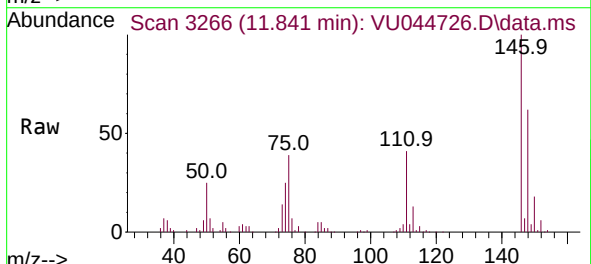
Instrument :
MSVOA_U
ClientSampled :
VSTD005116

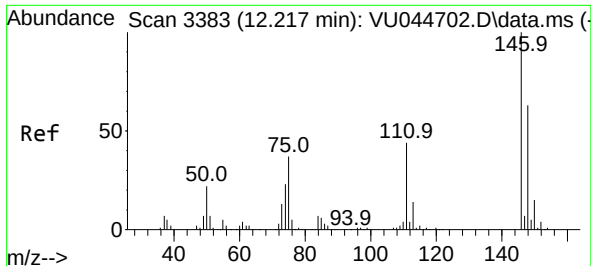
Tgt Ion:146 Resp: 89040
Ion Ratio Lower Upper
146 100
111 43.3 29.8 55.4
148 63.4 45.2 84.0



#65
1,4-Dichlorobenzene
Concen: 4.905 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. 0.000 min
Lab File: VU044726.D
Acq: 21 Sep 2021 10:30

Tgt Ion:146 Resp: 89754
Ion Ratio Lower Upper
146 100
111 40.9 28.7 53.3
148 62.5 45.4 84.4

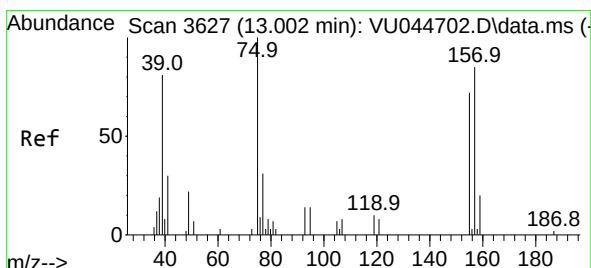
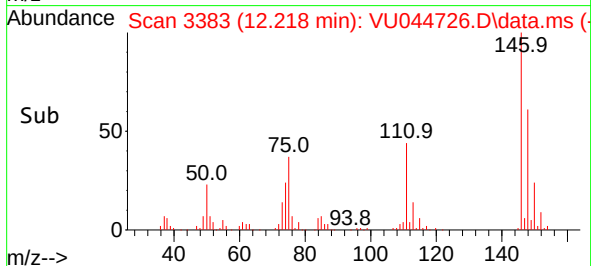
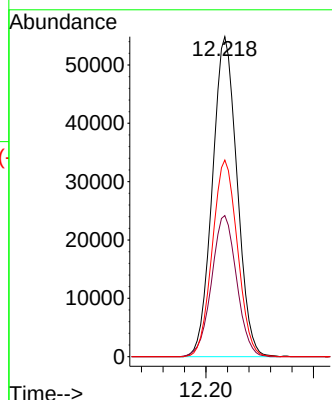
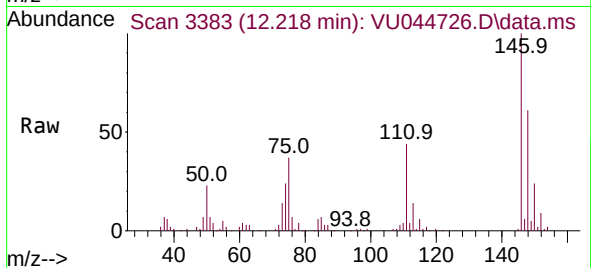




#67
1,2-Dichlorobenzene
Concen: 5.188 ug/L
RT: 12.218 min Scan# 3383
Delta R.T. 0.000 min
Lab File: VU044726.D
Acq: 21 Sep 2021 10:30

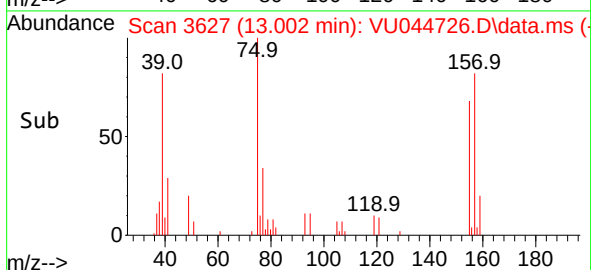
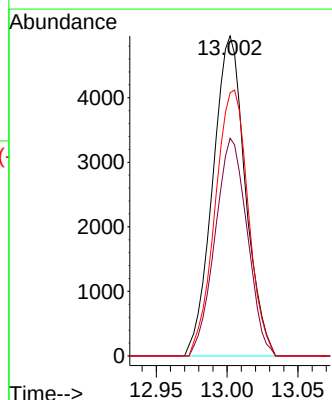
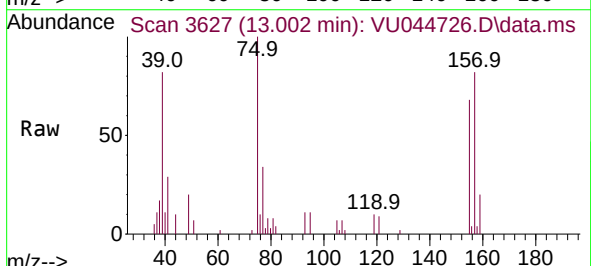
Instrument :
MSVOA_U
ClientSampled :
VSTD005116

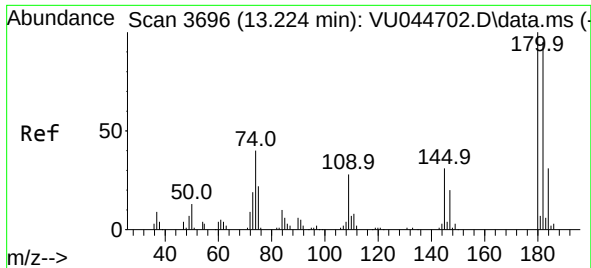
Tgt Ion:146 Resp: 87338
Ion Ratio Lower Upper
146 100
111 44.1 34.6 51.8
148 61.4 51.3 76.9



#68
1,2-Dibromo-3-chloropropane
Concen: 5.364 ug/L
RT: 13.002 min Scan# 3627
Delta R.T. 0.000 min
Lab File: VU044726.D
Acq: 21 Sep 2021 10:30

Tgt Ion: 75 Resp: 7921
Ion Ratio Lower Upper
75 100
155 68.0 54.0 81.0
157 82.3 65.4 98.2

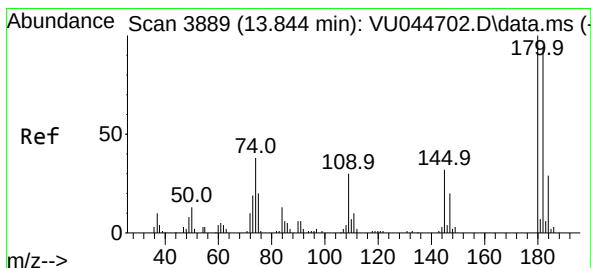
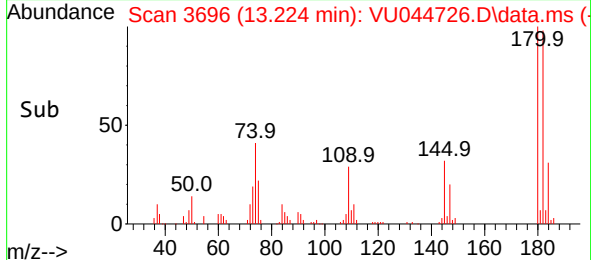
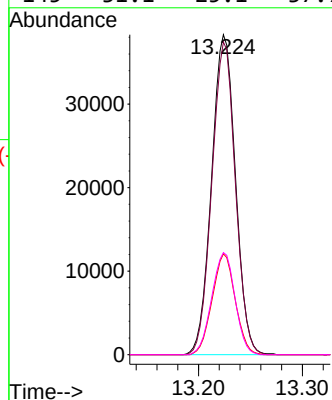
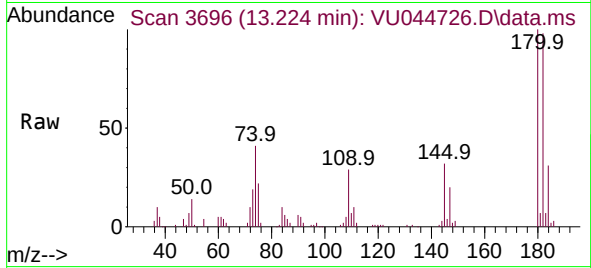




#69
 1,3,5-Trichlorobenzene
 Concen: 4.535 ug/L
 RT: 13.224 min Scan# 3696
 Delta R.T. 0.000 min
 Lab File: VU044726.D
 Acq: 21 Sep 2021 10:30

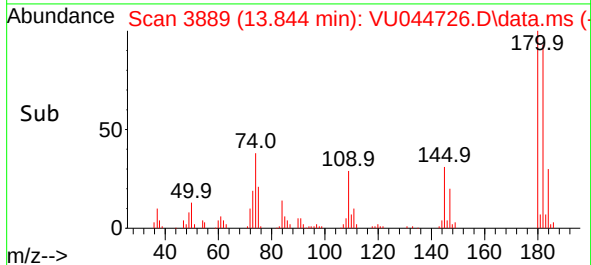
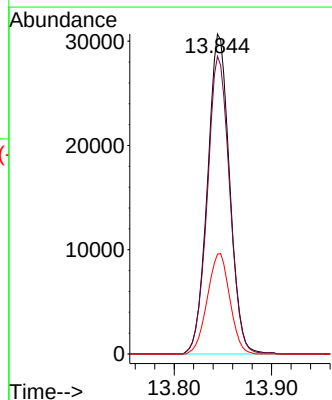
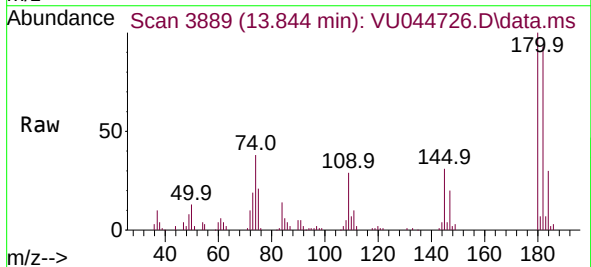
Instrument :
 MSVOA_U
 ClientSampled :
 VSTD005116

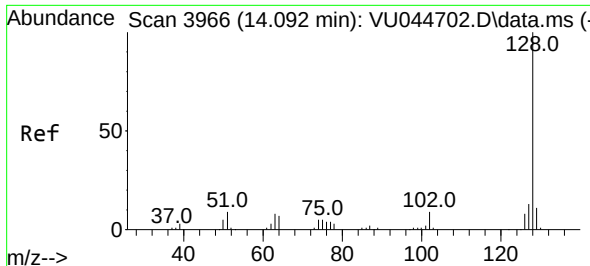
Tgt Ion:180 Resp: 61155
 Ion Ratio Lower Upper
 180 100
 182 95.9 76.9 115.3
 184 30.3 24.1 36.1
 145 31.1 25.1 37.7



#70
 1,2,4-trichlorobenzene
 Concen: 4.250 ug/L
 RT: 13.844 min Scan# 3889
 Delta R.T. 0.000 min
 Lab File: VU044726.D
 Acq: 21 Sep 2021 10:30

Tgt Ion:180 Resp: 48339
 Ion Ratio Lower Upper
 180 100
 182 93.9 75.4 113.0
 145 31.9 25.2 37.8

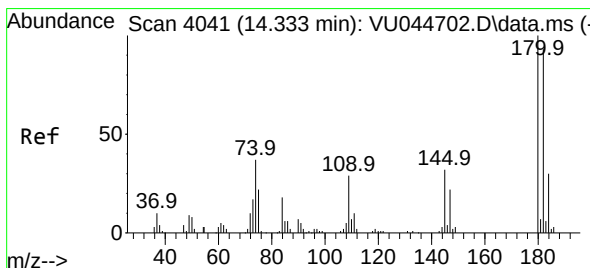
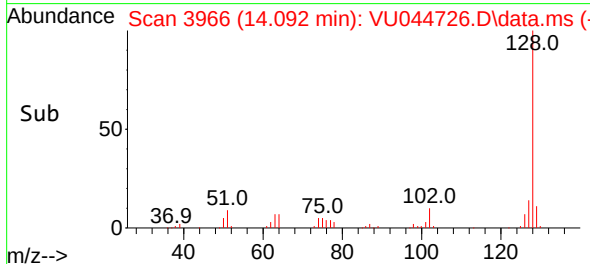
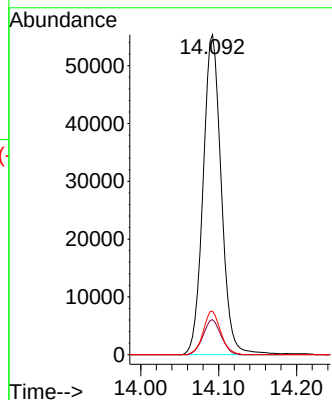
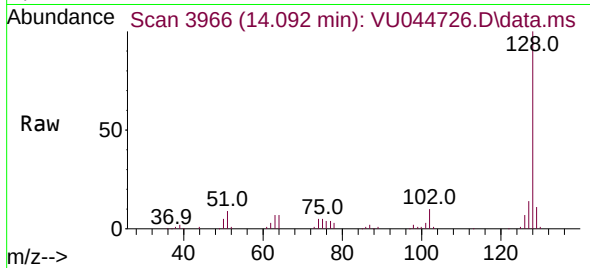




#71
Naphthalene
Concen: 4.047 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VU044726.D
Acq: 21 Sep 2021 10:30

Instrument :
MSVOA_U
ClientSampleId :
VSTD005116

Tgt Ion:128 Resp: 89797
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.0 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 4.410 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. 0.003 min
Lab File: VU044726.D
Acq: 21 Sep 2021 10:30

Tgt Ion:180 Resp: 46172
Ion Ratio Lower Upper
180 100
182 95.9 75.9 113.9
145 34.9 27.0 40.6

