

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082321\
 Data File : VU044514.D
 Acq On : 23 Aug 2021 20:44
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005093

Quant Time: Aug 24 06:19:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR081821WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 24 06:16:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	114713	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	113829	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	57367	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	37354	4.026	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.600%
7) Chloroethane-d5	1.916	69	36082	4.475	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.400%
11) 1,1-Dichloroethene-d2	2.572	65	17387	4.406	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.200%
20) 2-Butanone-d5	4.636	46	134521	52.428	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.860%
24) Chloroform-d	5.073	84	81835	4.988	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
26) 1,2-Dichloroethane-d4	5.710	65	43382	4.849	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
32) Benzene-d6	5.735	84	156519	4.883	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
36) 1,2-Dichloropropane-d6	6.697	67	50055	4.881	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.600%
41) Toluene-d8	7.903	98	138747	4.882	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
43) trans-1,3-Dichloroprop...	8.185	79	17547	4.765	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.200%
46) 2-Hexanone-d5	8.642	63	114013	57.251	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.500%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	44693	5.175	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.600%
66) 1,2-Dichlorobenzene-d4	12.198	152	48787	5.034	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	57916	4.909	ug/L	99
3) Chloromethane	1.520	50	70465	4.559	ug/L	100
5) Vinyl chloride	1.607	62	69926	4.894	ug/L	99
6) Bromomethane	1.861	94	39940	5.143	ug/L	100
8) Chloroethane	1.938	64	43175	4.943	ug/L	95
9) Trichlorofluoromethane	2.144	101	82544	5.053	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	46327	5.154	ug/L	99
12) 1,1-Dichloroethene	2.584	96	44450	5.042	ug/L	99
13) Acetone	2.642	43	73188	34.351	ug/L	82
14) Carbon disulfide	2.800	76	137110	4.795	ug/L	98
15) Methyl Acetate	2.961	43	20774	5.970	ug/L	99
16) Methylene chloride	3.054	84	103323	7.888	ug/L	98
17) Methyl tert-butyl Ether	3.372	73	119863	5.257	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	47520	5.173	ug/L	97
19) 1,1-Dichloroethane	3.877	63	91267	5.125	ug/L	97
21) 2-Butanone	4.716	43	157813	51.977	ug/L	99
22) cis-1,2-Dichloroethene	4.674	96	51135	5.207	ug/L	97
23) Bromochloromethane	4.983	128	22767	5.258	ug/L	94
25) Chloroform	5.096	83	92160	5.044	ug/L	98

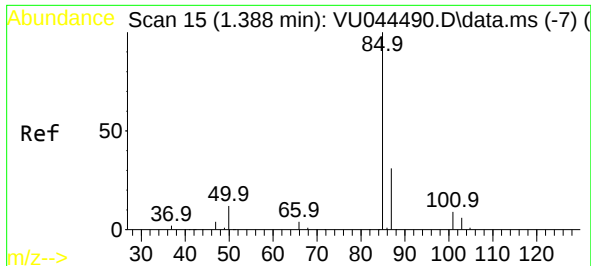
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082321\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	63945	5.247	ug/L	99
29) 1,1,1-Trichloroethane	5.324	97	74191	5.208	ug/L	99
30) Cyclohexane	5.395	56	81748	5.191	ug/L	99
31) Carbon tetrachloride	5.533	117	60570	5.174	ug/L	98
33) Benzene	5.780	78	203487	5.269	ug/L	100
34) Trichloroethene	6.549	95	50002	5.237	ug/L	99
35) Methylcyclohexane	6.771	83	79921	5.019	ug/L	99
37) 1,2-Dichloropropane	6.800	63	53979	5.338	ug/L	99
38) Bromodichloromethane	7.112	83	63824	5.140	ug/L	98
39) cis-1,3-Dichloropropene	7.613	75	71439	5.037	ug/L	99
40) 4-Methyl-2-pentanone	7.800	43	378549	55.131	ug/L	100
42) Toluene	7.976	91	213119	5.298	ug/L	100
44) trans-1,3-Dichloropropene	8.218	75	61480	5.115	ug/L	98
45) 1,1,2-Trichloroethane	8.407	97	38997	5.408	ug/L	93
47) Tetrachloroethene	8.558	164	33986	5.148	ug/L	99
48) 2-Hexanone	8.694	43	276195	56.373	ug/L	99
49) Dibromochloromethane	8.816	129	40680	5.331	ug/L	99
50) 1,2-Dibromoethane	8.931	107	36301	5.263	ug/L	99
51) Chlorobenzene	9.452	112	126511	5.124	ug/L	100
52) Ethylbenzene	9.575	91	222045	5.225	ug/L	97
53) m,p-Xylene	9.700	106	84292	5.276	ug/L	98
54) o-Xylene	10.105	106	84131	5.406	ug/L	99
55) Styrene	10.118	104	142798	5.597	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.787	83	50321	5.300	ug/L	99
59) Bromoform	10.295	173	20336	5.017	ug/L	98
60) Isopropylbenzene	10.491	105	216072	5.161	ug/L	99
61) 1,2,3-Trichloropropane	10.828	75	37733	5.264	ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	178037	5.201	ug/L	99
63) 1,2,4-Trimethylbenzene	11.472	105	181074	5.158	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	93143	5.067	ug/L	98
65) 1,4-Dichlorobenzene	11.841	146	94450	5.085	ug/L	98
67) 1,2-Dichlorobenzene	12.217	146	92503	5.280	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.002	75	7813	5.328	ug/L	97
69) 1,3,5-Trichlorobenzene	13.224	180	64344	4.971	ug/L	100
70) 1,2,4-trichlorobenzene	13.844	180	52226	5.148	ug/L	99
71) Naphthalene	14.092	128	105170	5.437	ug/L	99
72) 1,2,3-Trichlorobenzene	14.333	180	50196	5.404	ug/L	99

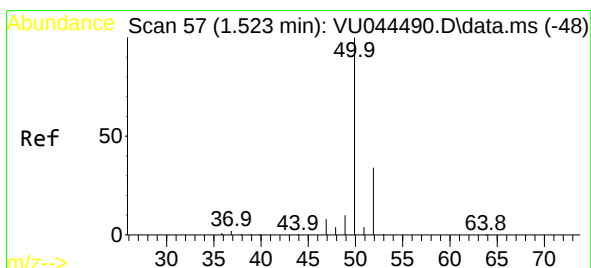
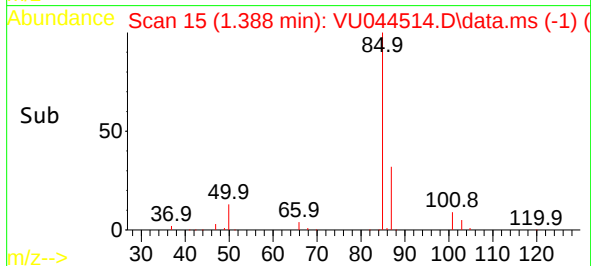
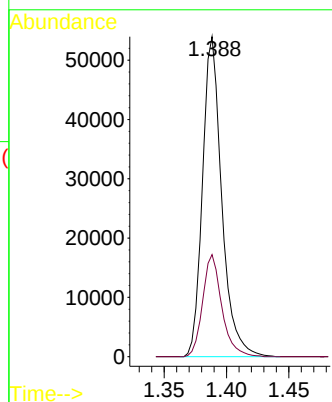
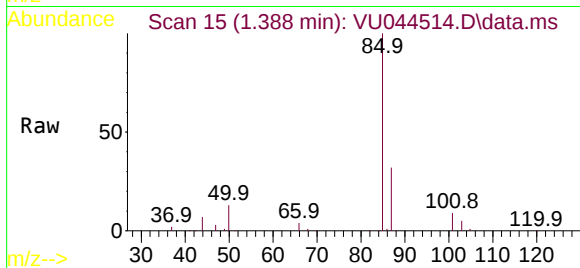
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#2
Dichlorodifluoromethane
Concen: 4.909 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU044514.D
Acq: 23 Aug 2021 20:44

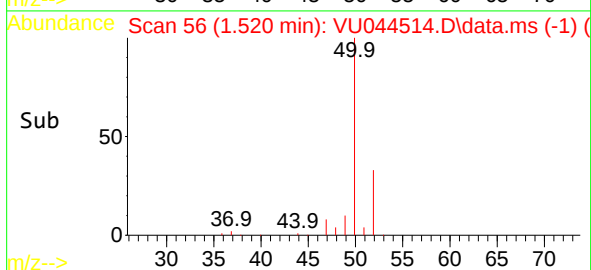
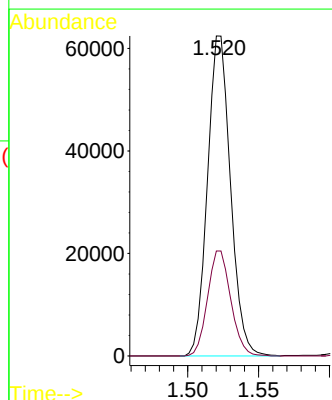
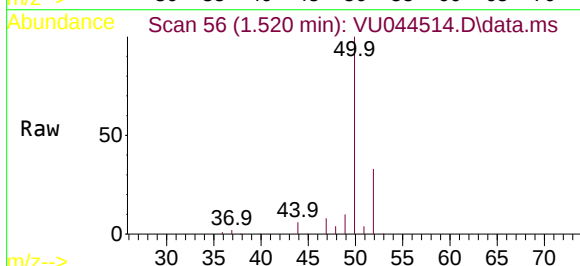
Instrument :
MSVOA_U
ClientSampleId :
VSTD005093

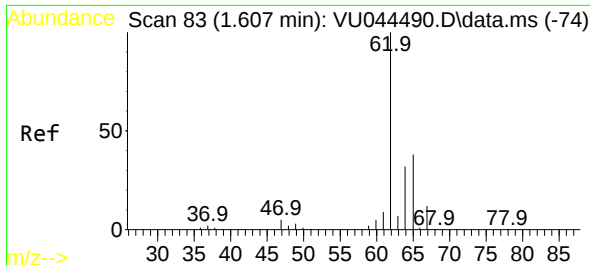
Tgt Ion: 85 Resp: 57916
Ion Ratio Lower Upper
85 100
87 31.7 25.7 38.5



#3
Chloromethane
Concen: 4.559 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU044514.D
Acq: 23 Aug 2021 20:44

Tgt Ion: 50 Resp: 70465
Ion Ratio Lower Upper
50 100
52 32.8 22.8 42.4

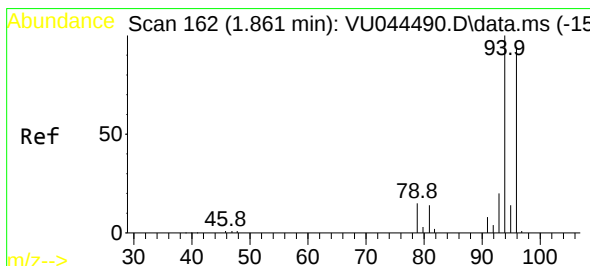
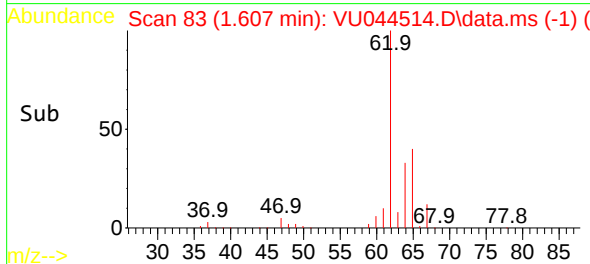
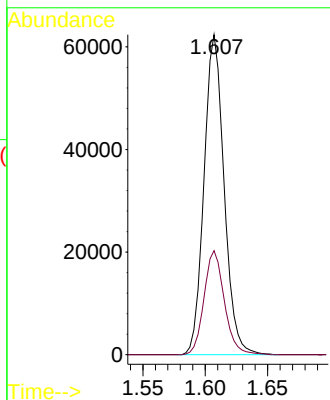
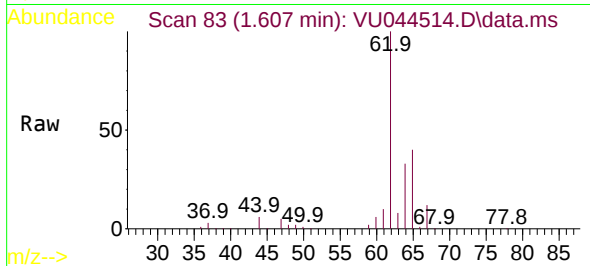




#5
 Vinyl chloride
 Concen: 4.894 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU044514.D
 Acq: 23 Aug 2021 20:44

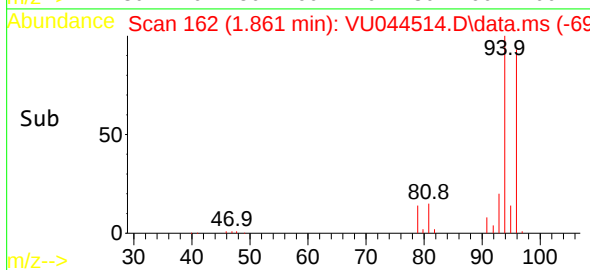
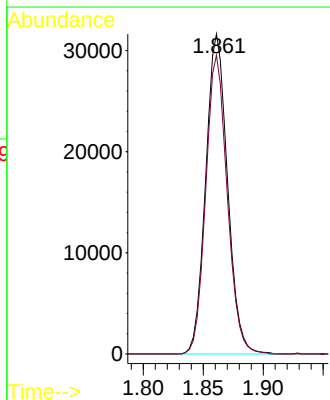
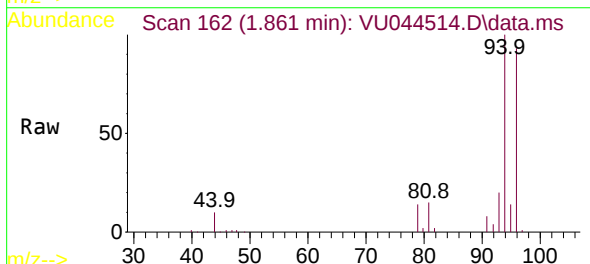
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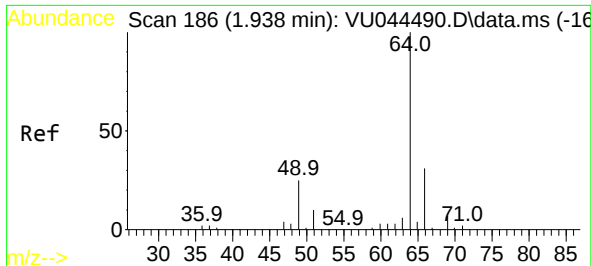
Tgt Ion: 62 Resp: 69926
 Ion Ratio Lower Upper
 62 100
 64 32.5 23.2 43.0



#6
 Bromomethane
 Concen: 5.143 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. 0.000 min
 Lab File: VU044514.D
 Acq: 23 Aug 2021 20:44

Tgt Ion: 94 Resp: 39940
 Ion Ratio Lower Upper
 94 100
 96 93.4 65.2 121.2

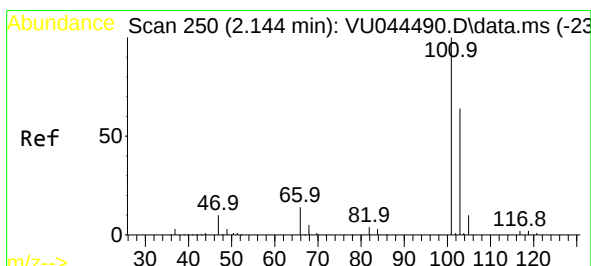
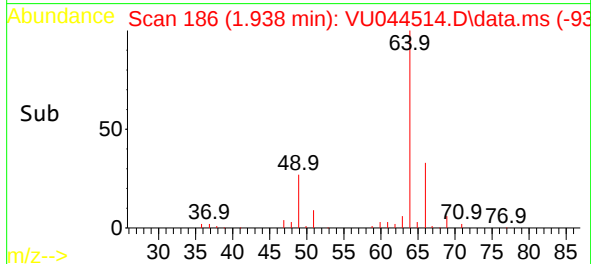
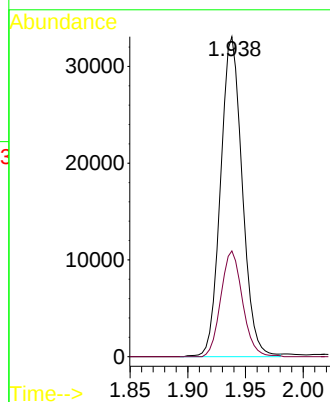
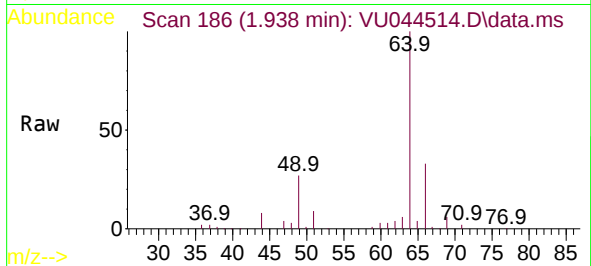




#8
Chloroethane
Concen: 4.943 ug/L
RT: 1.938 min Scan# 186
Delta R.T. 0.000 min
Lab File: VU044514.D
Acq: 23 Aug 2021 20:44

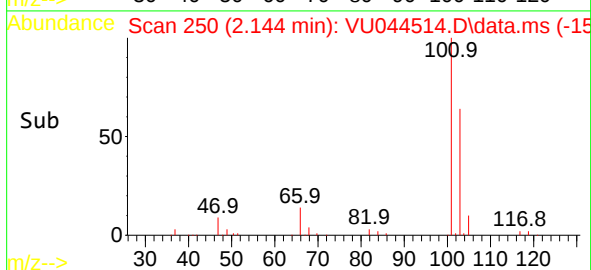
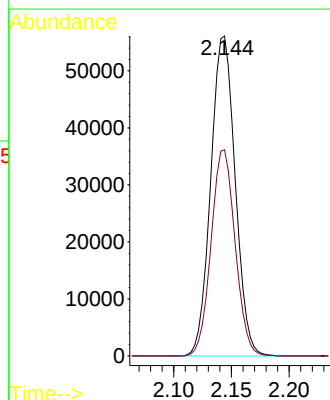
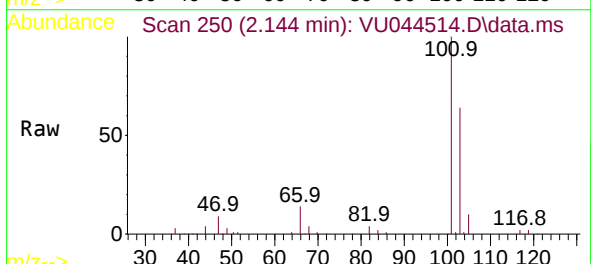
Instrument :
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ClientSampleId :
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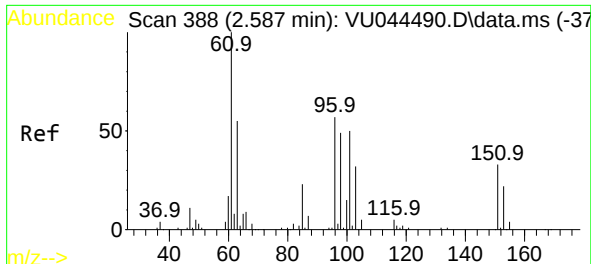
Tgt Ion: 64 Resp: 43175
Ion Ratio Lower Upper
64 100
66 33.1 21.3 39.5



#9
Trichlorofluoromethane
Concen: 5.053 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU044514.D
Acq: 23 Aug 2021 20:44

Tgt Ion: 101 Resp: 82544
Ion Ratio Lower Upper
101 100
103 63.4 51.6 77.4

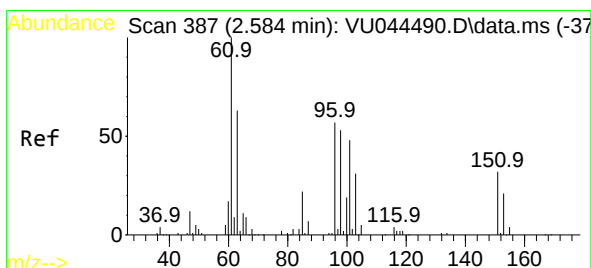
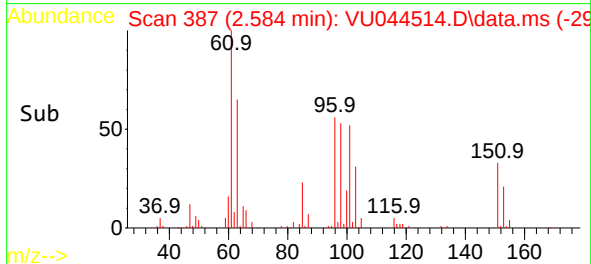
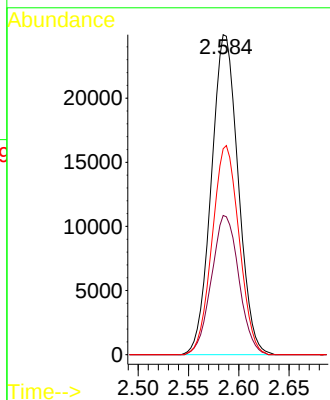
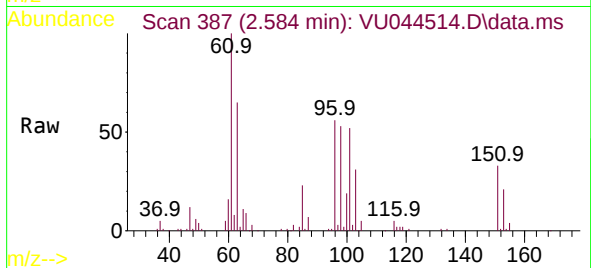




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.154 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU044514.D
Acq: 23 Aug 2021 20:44

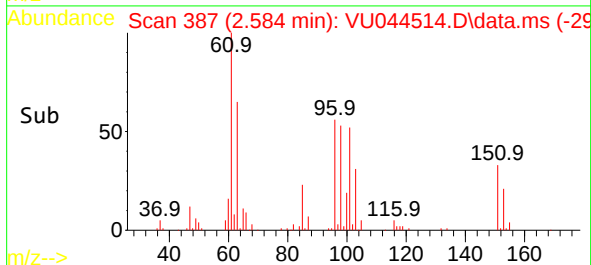
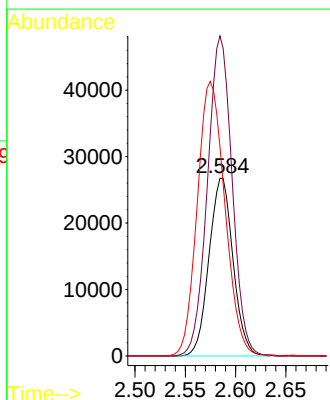
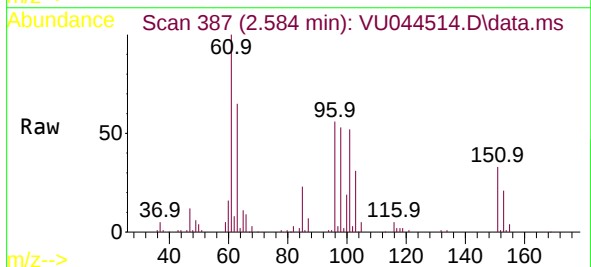
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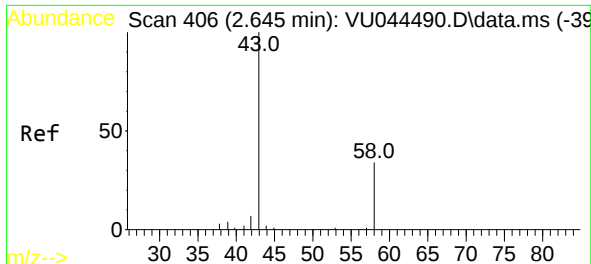
Tgt Ion:101 Resp: 46327
Ion Ratio Lower Upper
101 100
85 44.4 35.3 52.9
151 65.6 53.0 79.6



#12
1,1-Dichloroethene
Concen: 5.042 ug/L
RT: 2.584 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU044514.D
Acq: 23 Aug 2021 20:44

Tgt Ion: 96 Resp: 44450
Ion Ratio Lower Upper
96 100
61 180.1 126.1 234.3
63 117.7 84.8 157.6

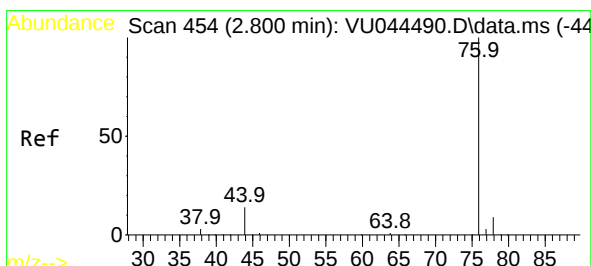
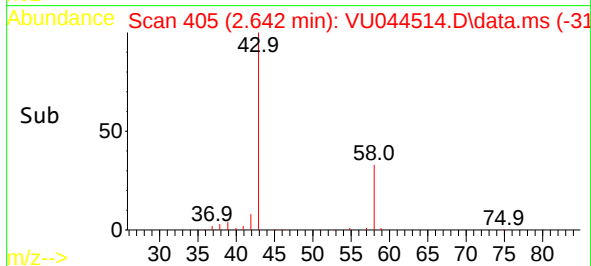
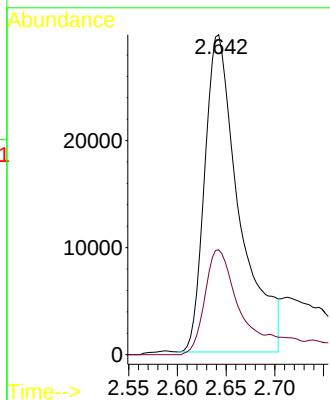
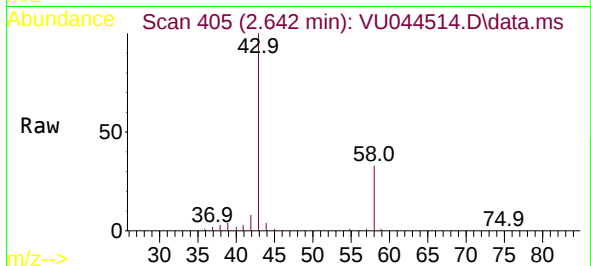




#13
Acetone
Concen: 34.351 ug/L
RT: 2.642 min Scan# 405
Delta R.T. -0.003 min
Lab File: VU044514.D
Acq: 23 Aug 2021 20:44

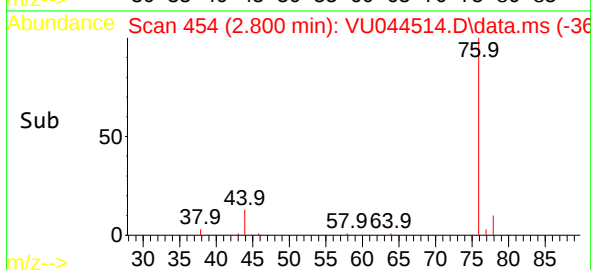
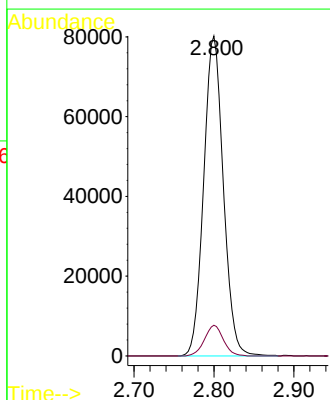
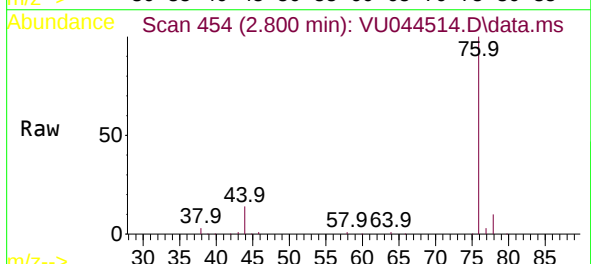
Instrument :
MSVOA_U
ClientSampleId :
VSTD005093

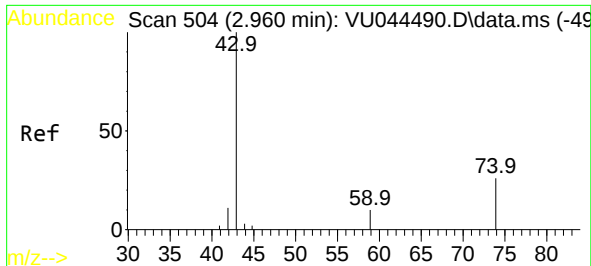
Tgt Ion: 43 Resp: 73188
Ion Ratio Lower Upper
43 100
58 31.6 0.0 45.4



#14
Carbon disulfide
Concen: 4.795 ug/L
RT: 2.800 min Scan# 454
Delta R.T. 0.000 min
Lab File: VU044514.D
Acq: 23 Aug 2021 20:44

Tgt Ion: 76 Resp: 137110
Ion Ratio Lower Upper
76 100
78 9.6 7.2 10.8

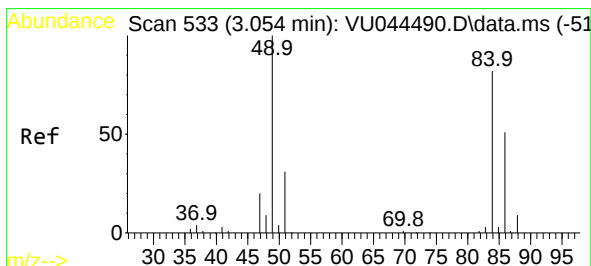
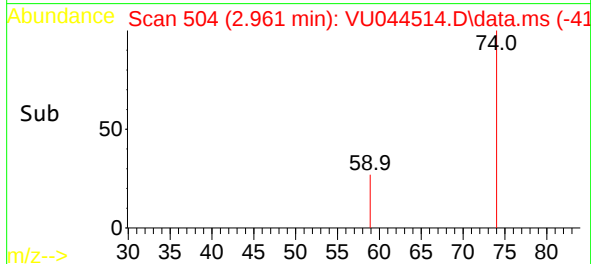
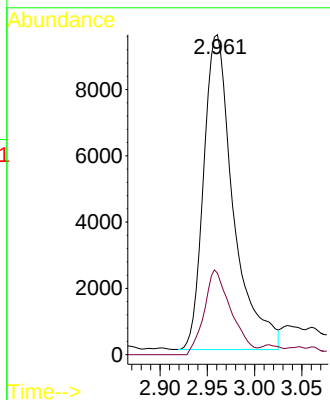
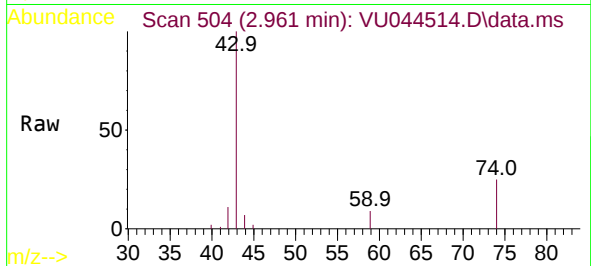




#15
Methyl Acetate
Concen: 5.970 ug/L
RT: 2.961 min Scan# 504
Delta R.T. 0.000 min
Lab File: VU044514.D
Acq: 23 Aug 2021 20:44

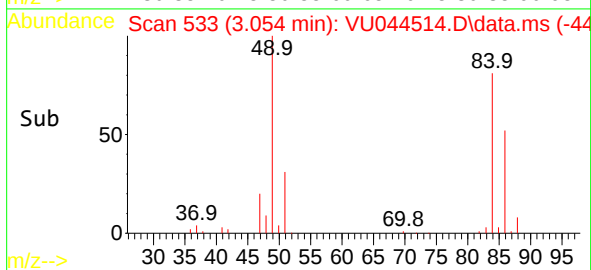
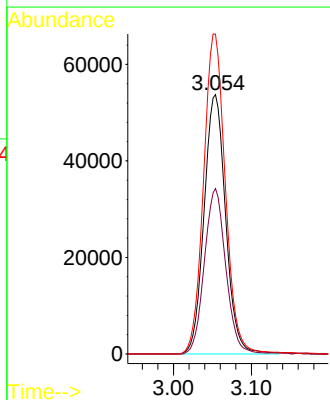
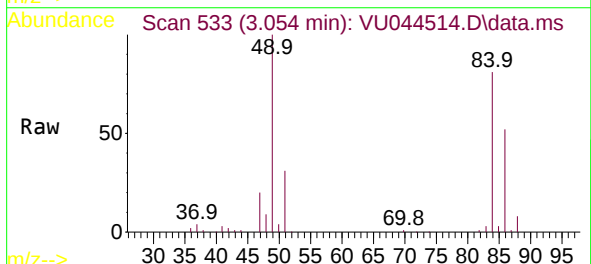
Instrument :
MSVOA_U
ClientSampleId :
VSTD005093

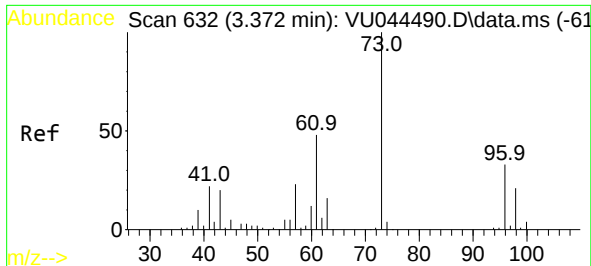
Tgt Ion: 43 Resp: 20774
Ion Ratio Lower Upper
43 100
74 24.4 19.0 28.4



#16
Methylene chloride
Concen: 7.888 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU044514.D
Acq: 23 Aug 2021 20:44

Tgt Ion: 84 Resp: 103323
Ion Ratio Lower Upper
84 100
86 63.8 45.2 84.0
49 123.3 88.8 165.0





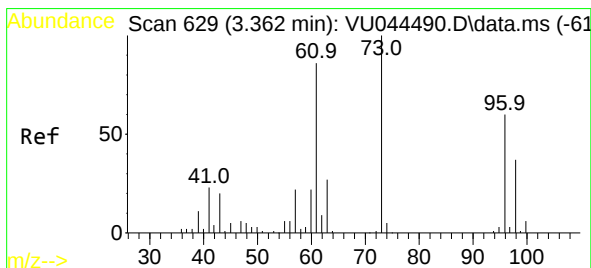
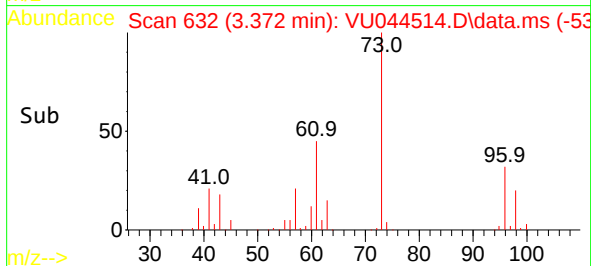
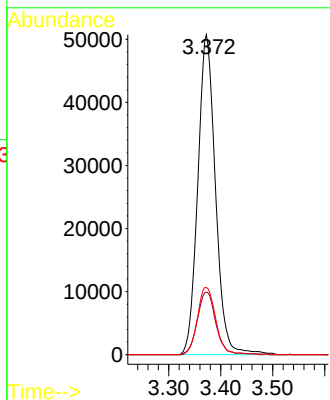
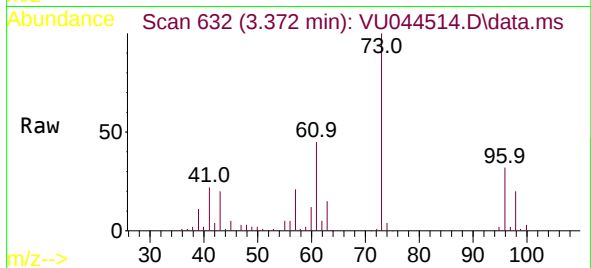
#17

Methyl tert-butyl Ether
 Concen: 5.257 ug/L
 RT: 3.372 min Scan# 632
 Delta R.T. 0.000 min
 Lab File: VU044514.D
 Acq: 23 Aug 2021 20:44

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005093

Tgt Ion: 73 Resp: 119863

Ion	Ratio	Lower	Upper
73	100		
43	20.3	16.2	24.4
57	21.8	17.8	26.8

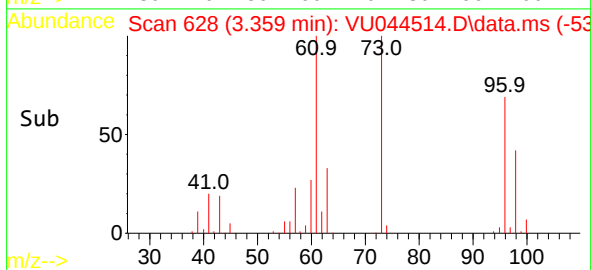
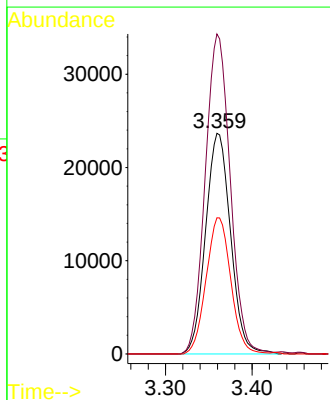
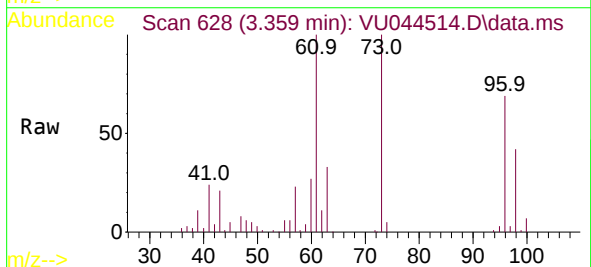


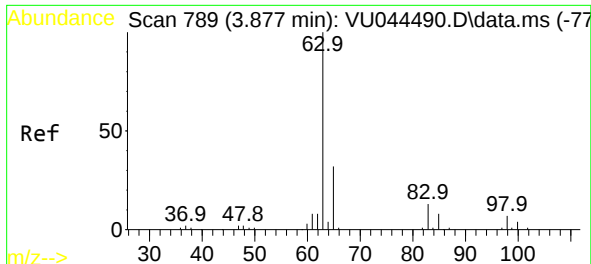
#18

trans-1,2-Dichloroethene
 Concen: 5.173 ug/L
 RT: 3.359 min Scan# 628
 Delta R.T. -0.003 min
 Lab File: VU044514.D
 Acq: 23 Aug 2021 20:44

Tgt Ion: 96 Resp: 47520

Ion	Ratio	Lower	Upper
96	100		
61	145.0	103.7	192.5
98	61.7	44.7	83.1





#19

1,1-Dichloroethane

Concen: 5.125 ug/L

RT: 3.877 min Scan# 789

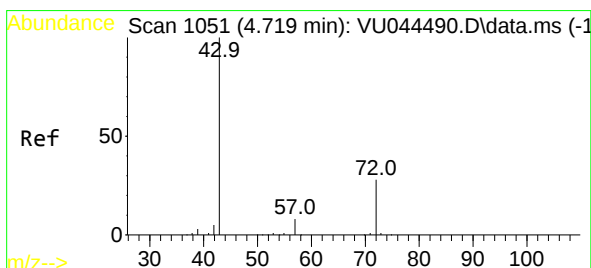
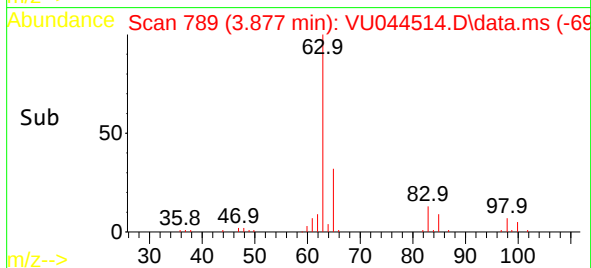
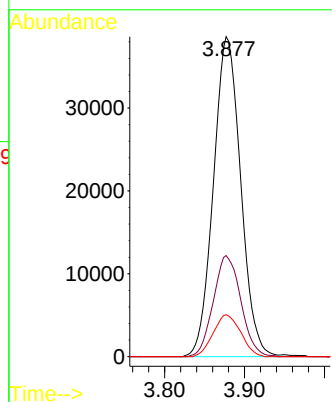
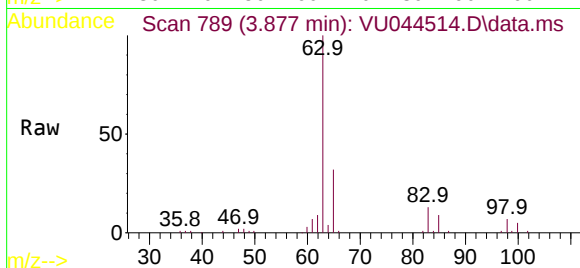
Delta R.T. 0.000 min

Lab File: VU044514.D

Acq: 23 Aug 2021 20:44

Tgt Ion:	63	Resp:	91267
Ion	Ratio	Lower	Upper
63	100		
65	31.6	23.4	43.6
83	13.1	9.0	16.6

Instrument :
MSVOA_U
ClientSampleId :
VSTD005093



#21

2-Butanone

Concen: 51.977 ug/L

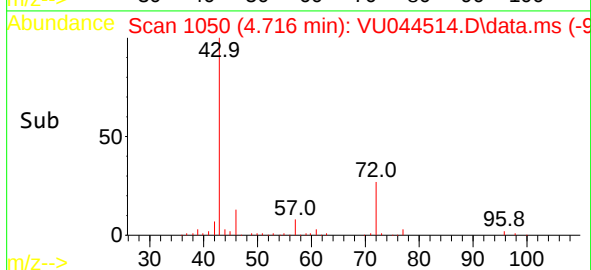
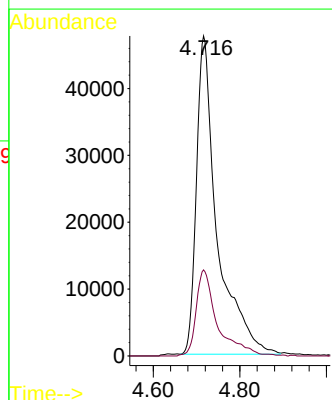
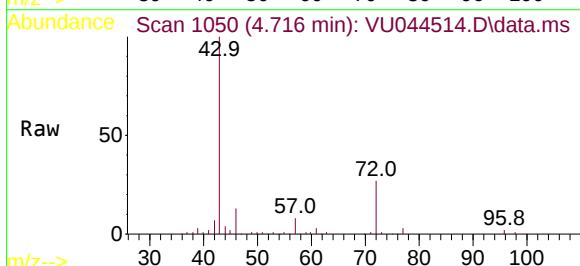
RT: 4.716 min Scan# 1050

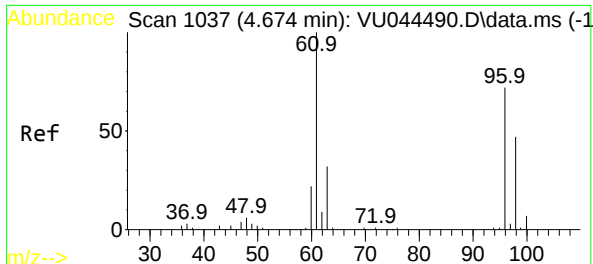
Delta R.T. -0.003 min

Lab File: VU044514.D

Acq: 23 Aug 2021 20:44

Tgt Ion:	43	Resp:	157813
Ion	Ratio	Lower	Upper
43	100		
72	27.6	14.1	42.4

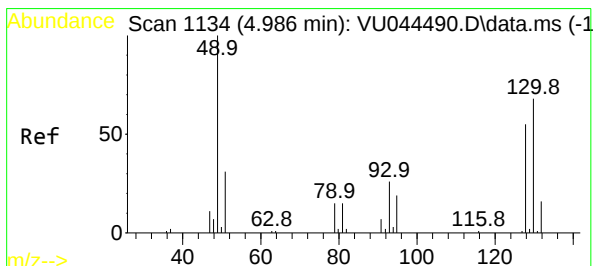
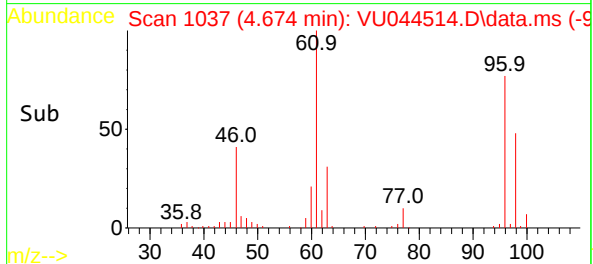
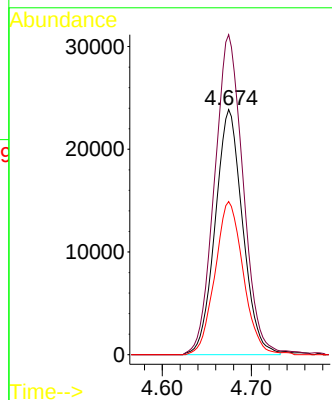
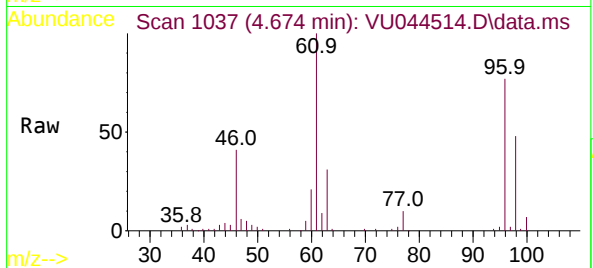




#22
cis-1,2-Dichloroethene
Concen: 5.207 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VU044514.D
Acq: 23 Aug 2021 20:44

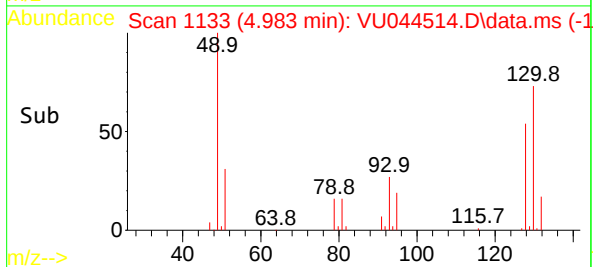
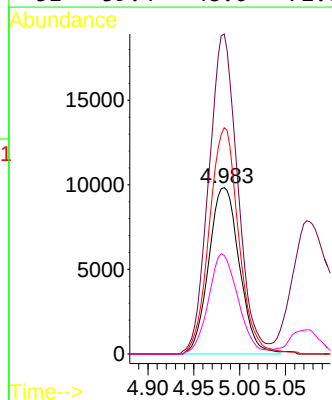
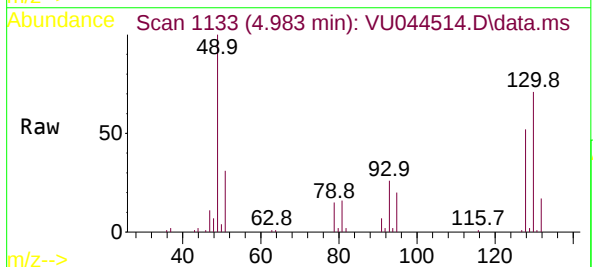
Instrument :
MSVOA_U
ClientSampleId :
VSTD005093

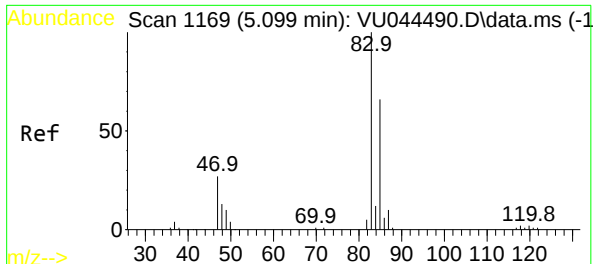
Tgt Ion: 96 Resp: 51135
Ion Ratio Lower Upper
96 100
61 130.5 93.9 174.5
98 62.4 44.7 83.1



#23
Bromochloromethane
Concen: 5.258 ug/L
RT: 4.983 min Scan# 1133
Delta R.T. -0.003 min
Lab File: VU044514.D
Acq: 23 Aug 2021 20:44

Tgt Ion: 128 Resp: 22767
Ion Ratio Lower Upper
128 100
49 192.4 128.1 237.9
130 136.0 89.2 165.8
51 59.4 48.0 72.0





#25

Chloroform

Concen: 5.044 ug/L

RT: 5.096 min Scan# 1168

Delta R.T. -0.003 min

Lab File: VU044514.D

Acq: 23 Aug 2021 20:44

Instrument :

MSVOA_U

ClientSampleId :

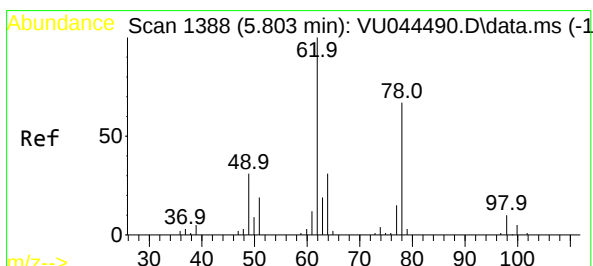
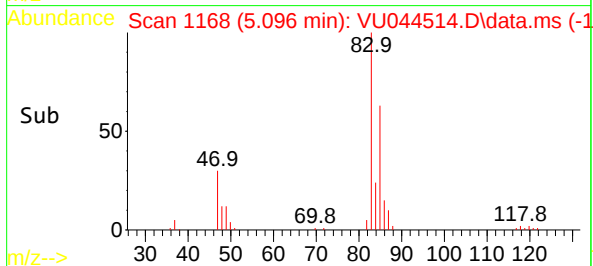
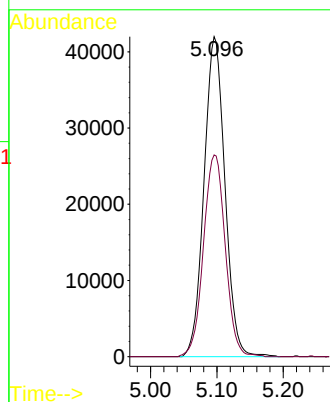
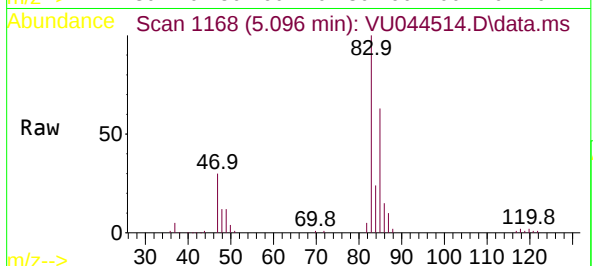
VSTD005093

Tgt Ion: 83 Resp: 92160

Ion Ratio Lower Upper

83 100

85 63.0 45.3 84.1



#27

1,2-Dichloroethane

Concen: 5.247 ug/L

RT: 5.803 min Scan# 1388

Delta R.T. 0.000 min

Lab File: VU044514.D

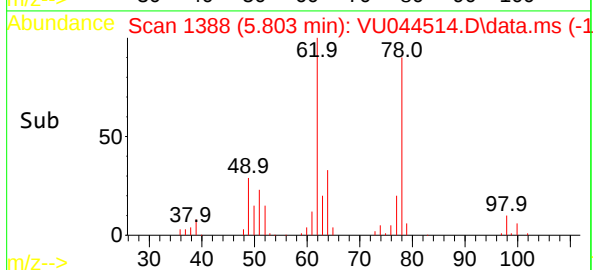
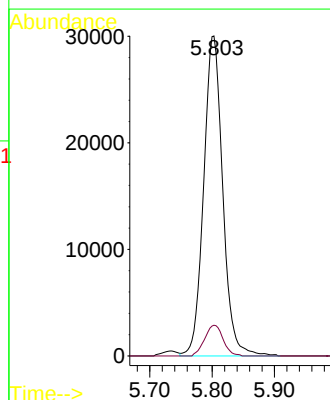
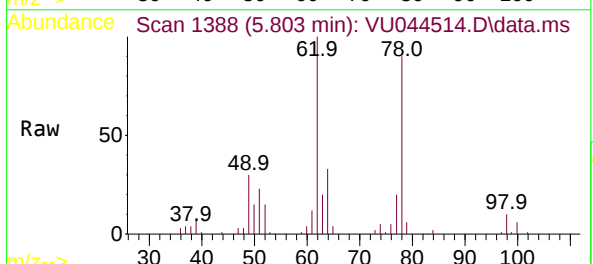
Acq: 23 Aug 2021 20:44

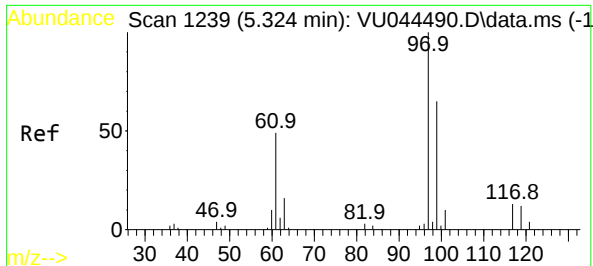
Tgt Ion: 62 Resp: 63945

Ion Ratio Lower Upper

62 100

98 9.6 8.0 12.0



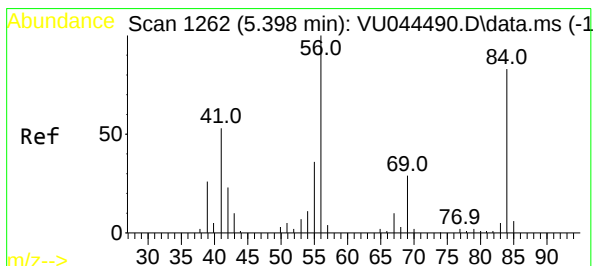
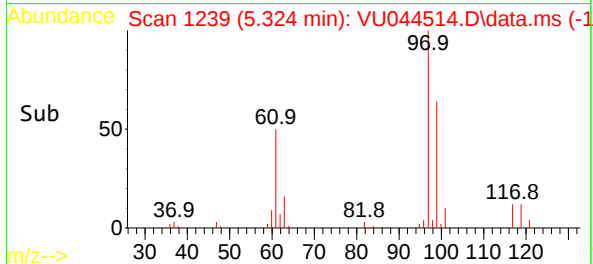
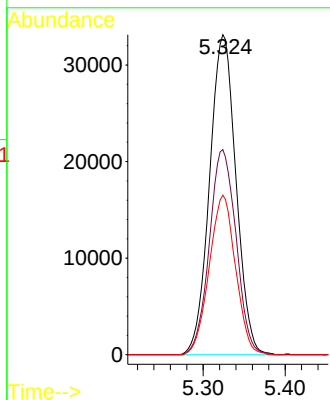
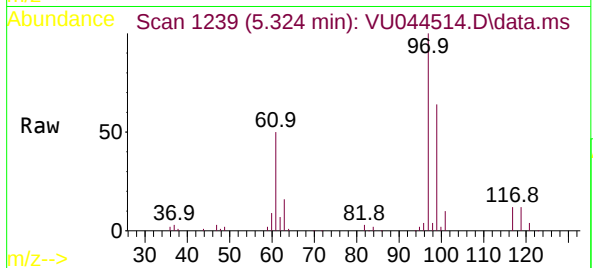


#29

1,1,1-Trichloroethane
Concen: 5.208 ug/L
RT: 5.324 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VU044514.D
Acq: 23 Aug 2021 20:44

Instrument :
MSVOA_U
ClientSampleId :
VSTD005093

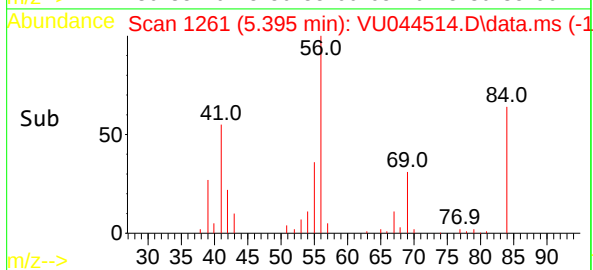
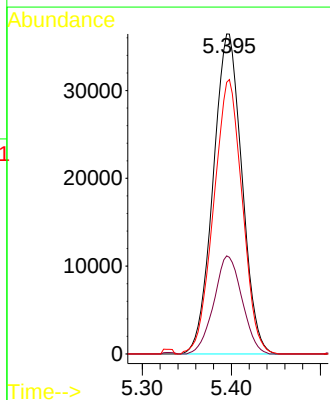
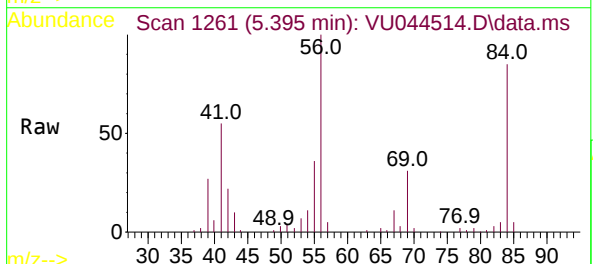
Tgt Ion:	97	Resp:	74191
Ion	Ratio	Lower	Upper
97	100		
99	64.9	52.5	78.7
61	49.6	39.2	58.8

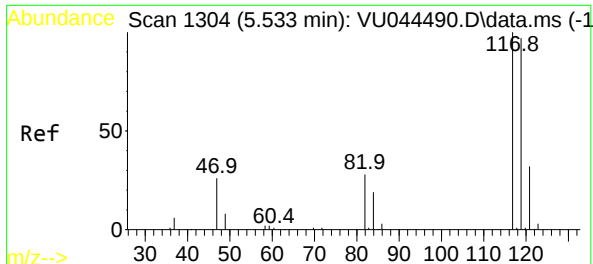


#30

Cyclohexane
Concen: 5.191 ug/L
RT: 5.395 min Scan# 1261
Delta R.T. -0.003 min
Lab File: VU044514.D
Acq: 23 Aug 2021 20:44

Tgt Ion:	56	Resp:	81748
Ion	Ratio	Lower	Upper
56	100		
69	30.0	24.3	36.5
84	85.1	68.4	102.6

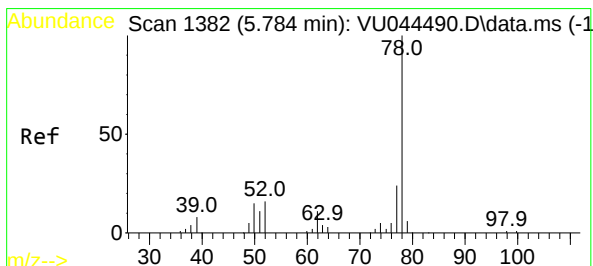
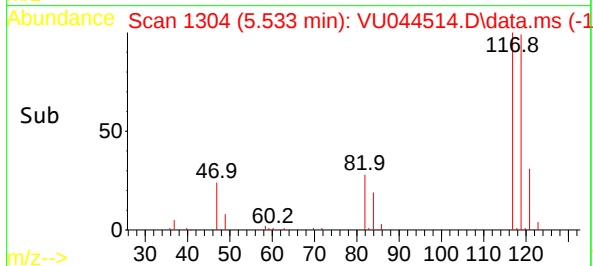
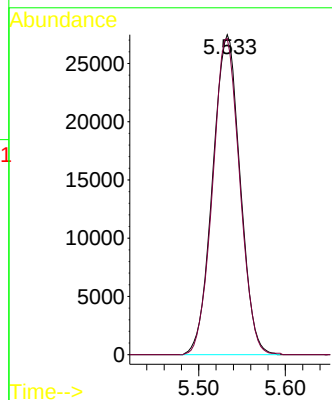
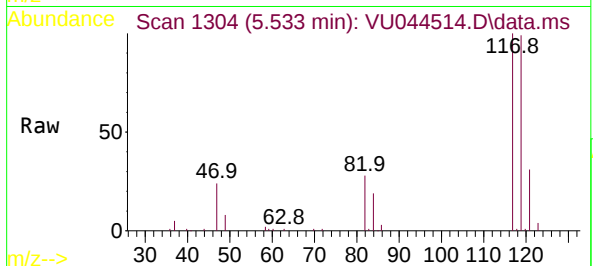




#31
Carbon tetrachloride
Concen: 5.174 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VU044514.D
Acq: 23 Aug 2021 20:44

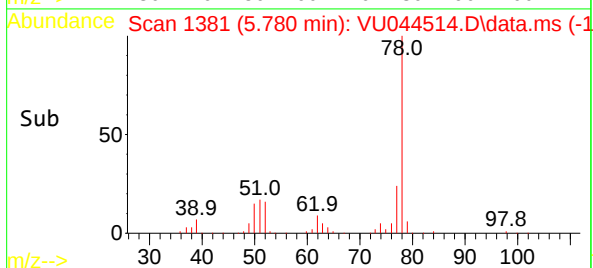
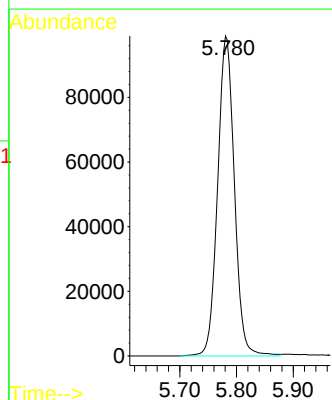
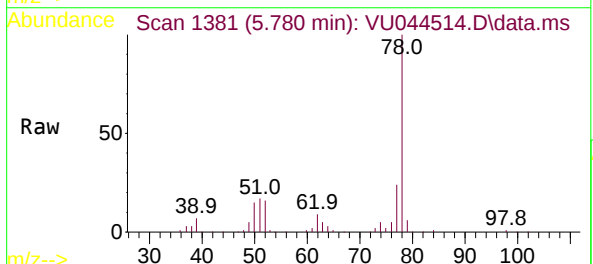
Instrument :
MSVOA_U
ClientSampleId :
VSTD005093

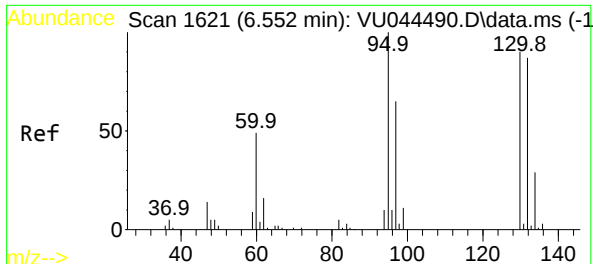
Tgt Ion:117 Resp: 60570
Ion Ratio Lower Upper
117 100
119 97.3 76.6 114.8



#33
Benzene
Concen: 5.269 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. -0.003 min
Lab File: VU044514.D
Acq: 23 Aug 2021 20:44

Tgt Ion: 78 Resp: 203487

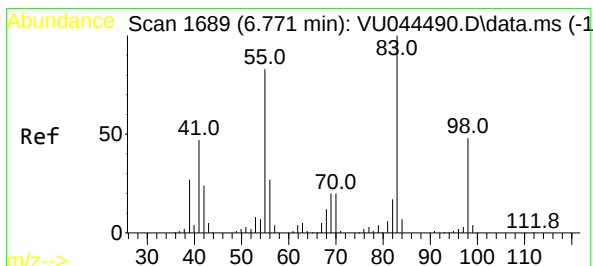
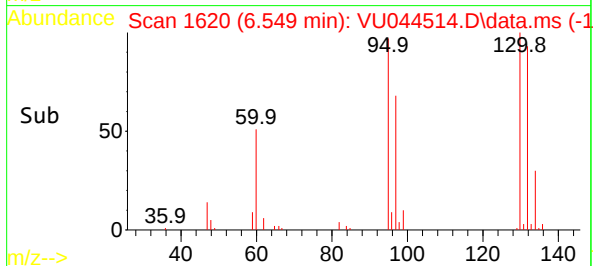
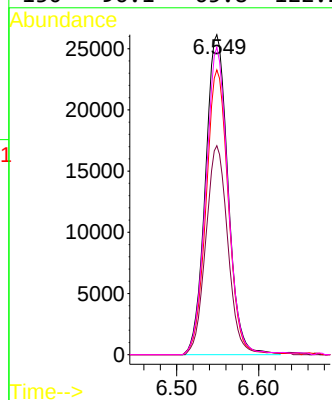
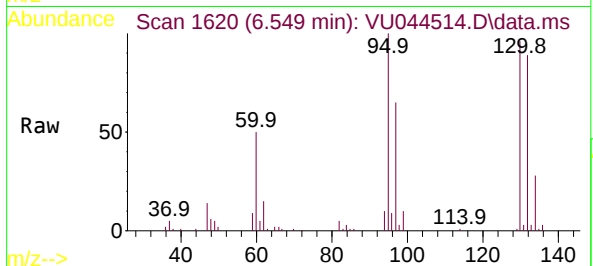




#34
Trichloroethene
Concen: 5.237 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU044514.D
Acq: 23 Aug 2021 20:44

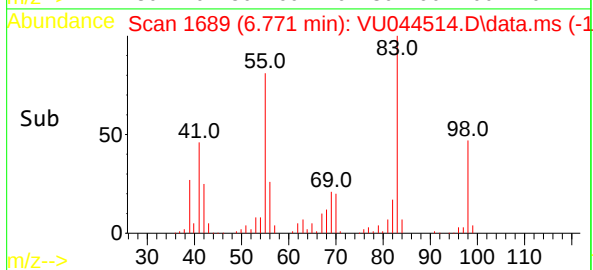
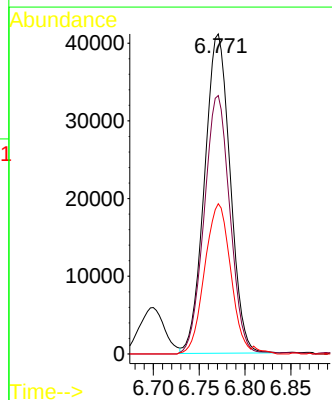
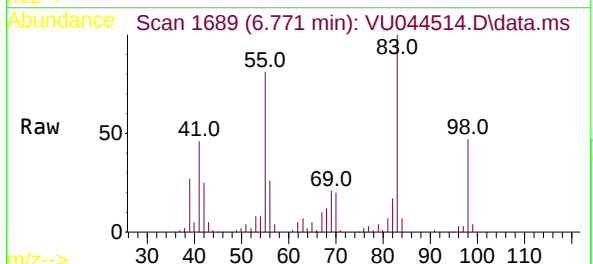
Instrument :
MSVOA_U
ClientSampleId :
VSTD005093

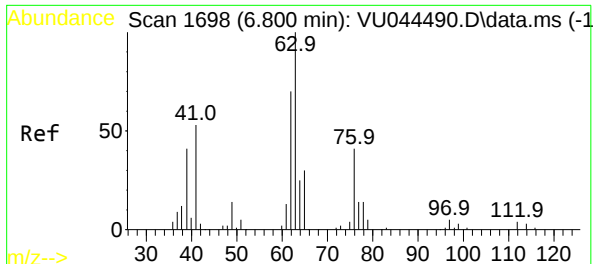
Tgt Ion: 95 Resp: 50002
Ion Ratio Lower Upper
95 100
97 65.3 45.6 84.8
132 89.0 63.4 117.8
130 96.1 65.8 122.2



#35
Methylcyclohexane
Concen: 5.019 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VU044514.D
Acq: 23 Aug 2021 20:44

Tgt Ion: 83 Resp: 79921
Ion Ratio Lower Upper
83 100
55 81.6 64.8 97.2
98 48.4 37.5 56.3

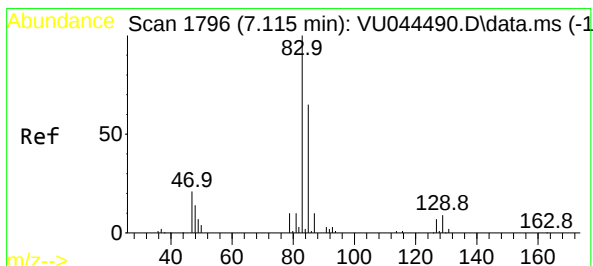
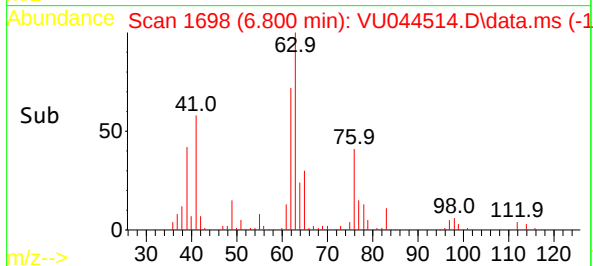
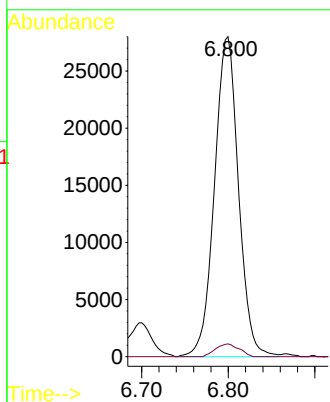
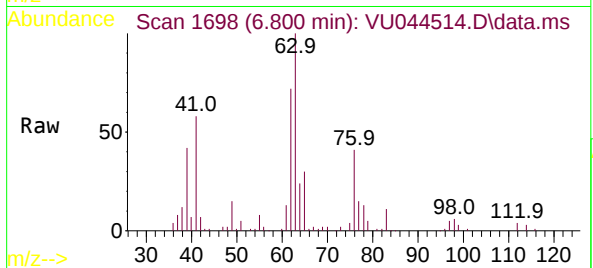




#37
1,2-Dichloropropane
Concen: 5.338 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VU044514.D
Acq: 23 Aug 2021 20:44

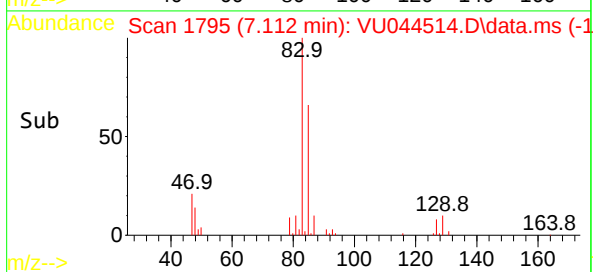
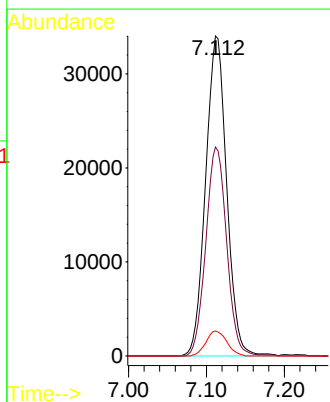
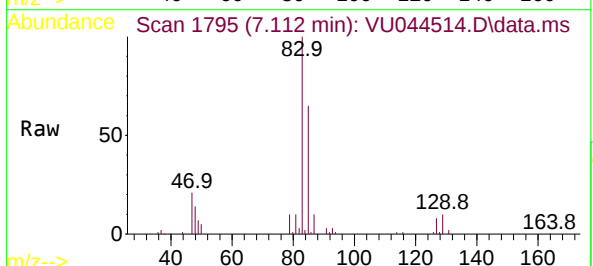
Instrument :
MSVOA_U
ClientSampled :
VSTD005093

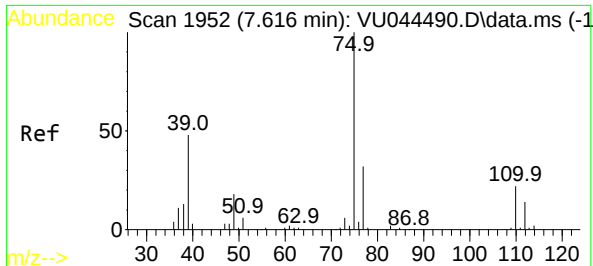
Tgt Ion: 63 Resp: 53979
Ion Ratio Lower Upper
63 100
112 3.9 3.3 4.9



#38
Bromodichloromethane
Concen: 5.140 ug/L
RT: 7.112 min Scan# 1795
Delta R.T. -0.003 min
Lab File: VU044514.D
Acq: 23 Aug 2021 20:44

Tgt Ion: 83 Resp: 63824
Ion Ratio Lower Upper
83 100
85 65.3 44.6 82.8
127 7.8 5.9 8.9

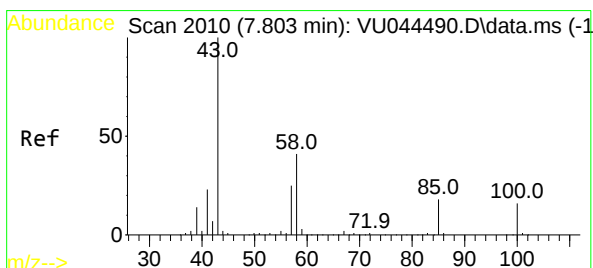
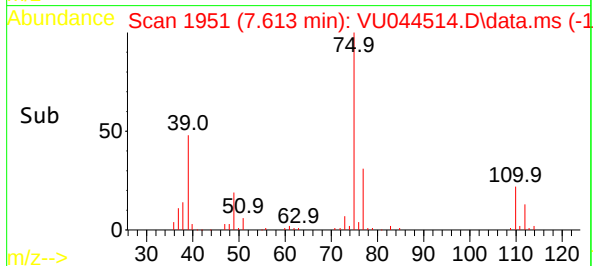
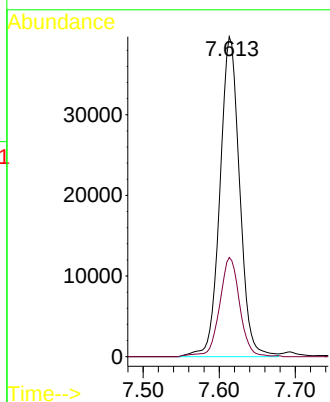
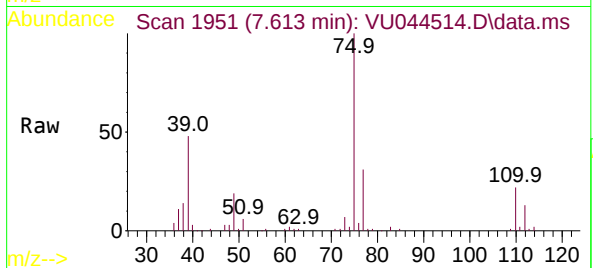




#39
cis-1,3-Dichloropropene
Concen: 5.037 ug/L
RT: 7.613 min Scan# 1951
Delta R.T. -0.003 min
Lab File: VU044514.D
Acq: 23 Aug 2021 20:44

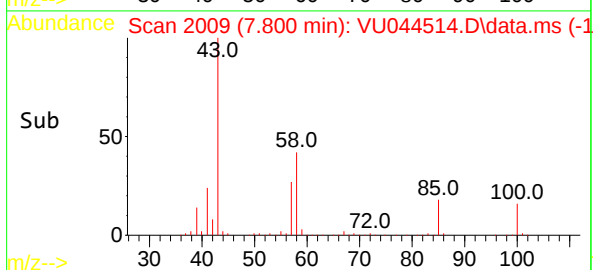
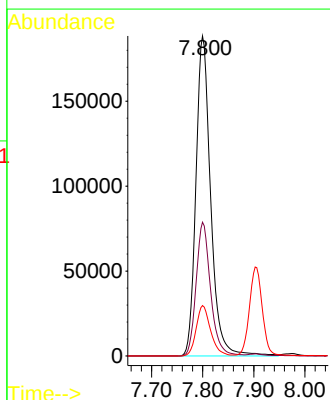
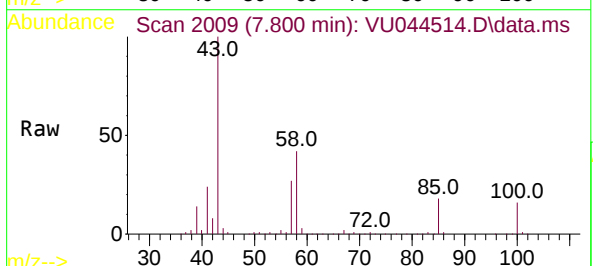
Instrument :
MSVOA_U
ClientSampleId :
VSTD005093

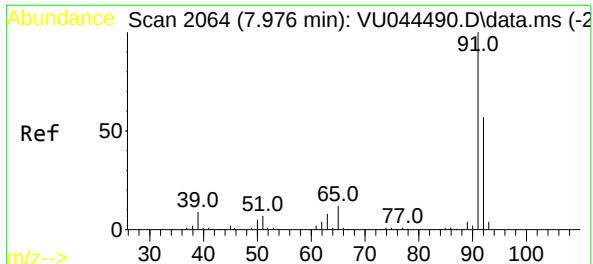
Tgt Ion: 75 Resp: 71439
Ion Ratio Lower Upper
75 100
77 31.0 22.2 41.2



#40
4-Methyl-2-pentanone
Concen: 55.131 ug/L
RT: 7.800 min Scan# 2009
Delta R.T. -0.003 min
Lab File: VU044514.D
Acq: 23 Aug 2021 20:44

Tgt Ion: 43 Resp: 378549
Ion Ratio Lower Upper
43 100
58 40.8 32.5 48.7
100 15.5 12.3 18.5

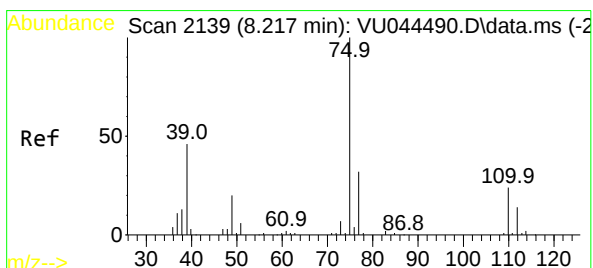
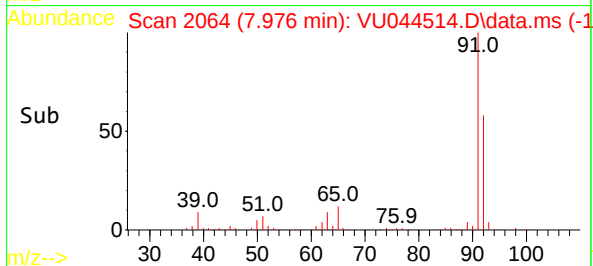
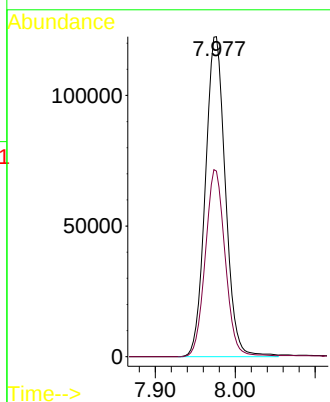
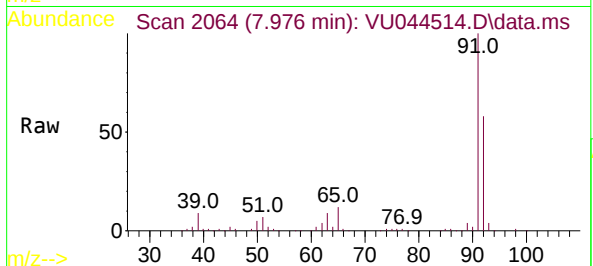




#42
Toluene
Concen: 5.298 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU044514.D
Acq: 23 Aug 2021 20:44

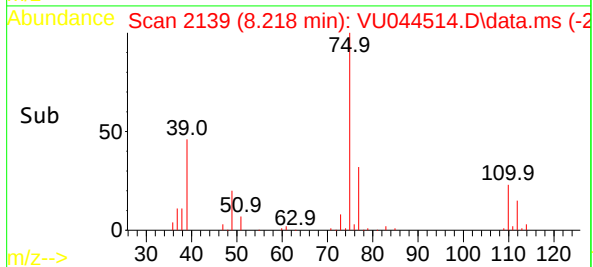
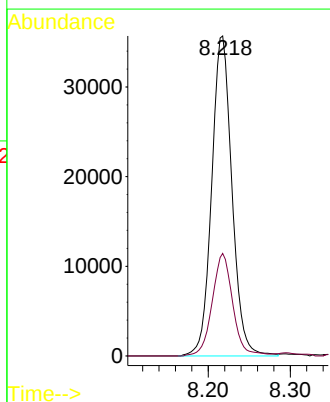
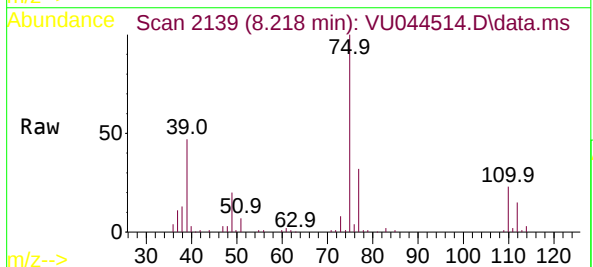
Instrument :
MSVOA_U
ClientSampleId :
VSTD005093

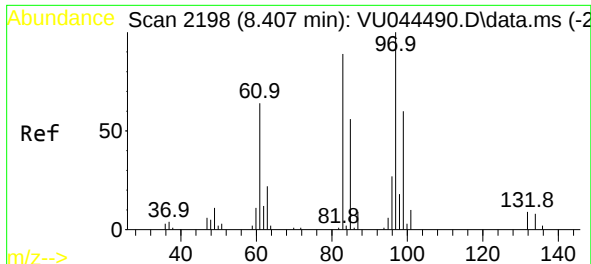
Tgt Ion: 91 Resp: 213119
Ion Ratio Lower Upper
91 100
92 58.0 40.7 75.5



#44
trans-1,3-Dichloropropene
Concen: 5.115 ug/L
RT: 8.218 min Scan# 2139
Delta R.T. 0.000 min
Lab File: VU044514.D
Acq: 23 Aug 2021 20:44

Tgt Ion: 75 Resp: 61480
Ion Ratio Lower Upper
75 100
77 32.1 21.6 40.2



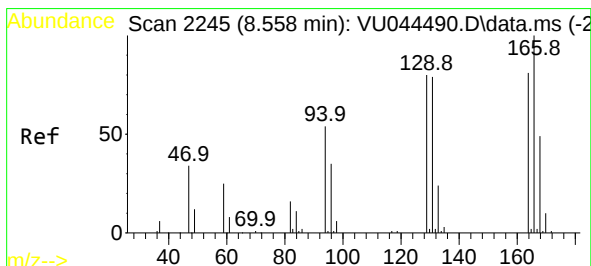
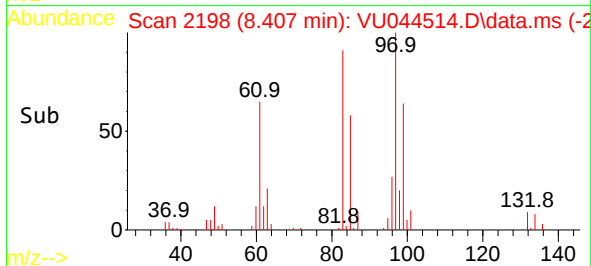
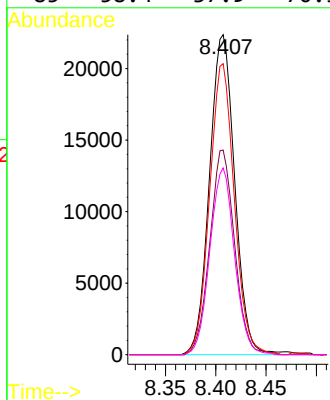
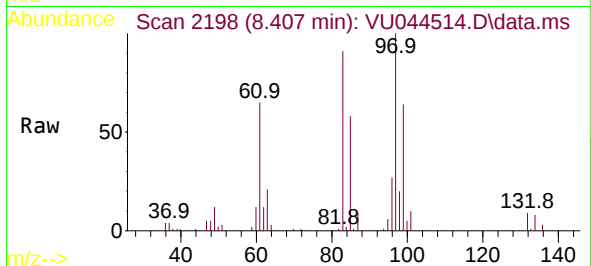


#45
1,1,2-Trichloroethane
Concen: 5.408 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. 0.000 min
Lab File: VU044514.D
Acq: 23 Aug 2021 20:44

Instrument :
MSVOA_U
ClientSampleId :
VSTD005093

Tgt Ion: 97 Resp: 38997

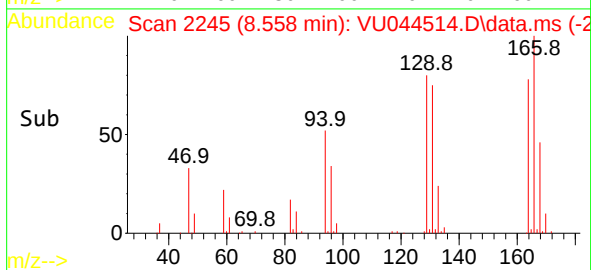
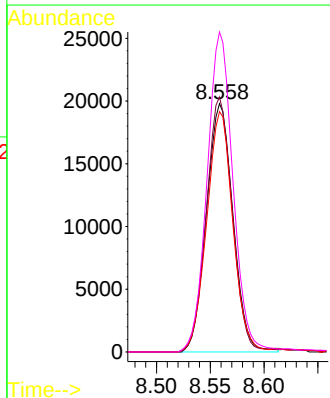
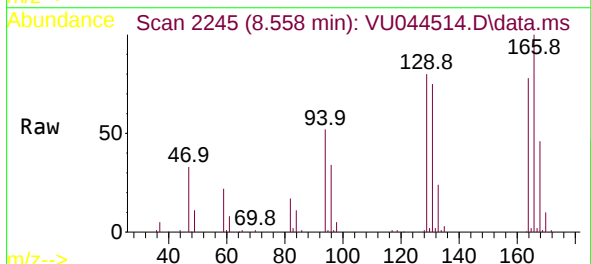
Ion	Ratio	Lower	Upper
97	100		
99	63.9	41.3	76.7
83	91.0	58.6	108.8
85	58.4	37.9	70.5

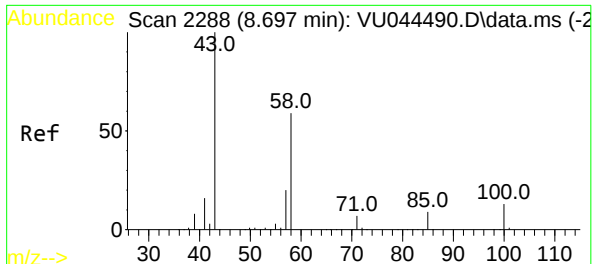


#47
Tetrachloroethene
Concen: 5.148 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU044514.D
Acq: 23 Aug 2021 20:44

Tgt Ion: 164 Resp: 33986

Ion	Ratio	Lower	Upper
164	100		
129	102.7	71.0	131.8
131	96.8	68.0	126.4
166	128.9	89.0	165.4



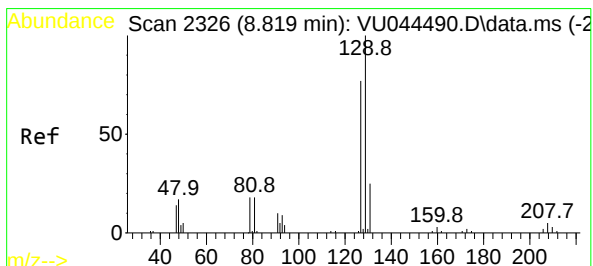
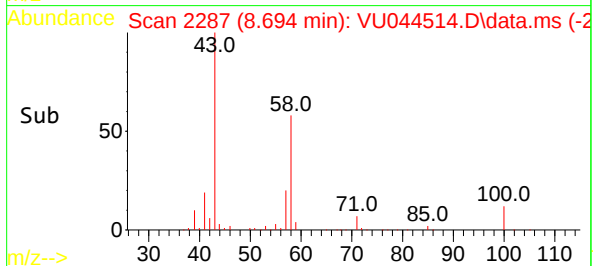
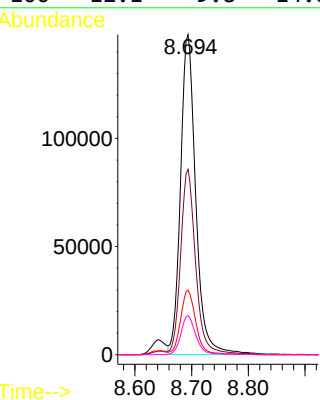
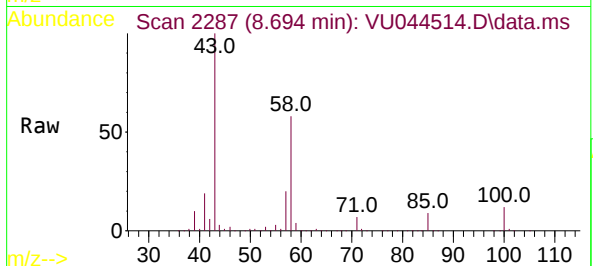


#48
2-Hexanone
Concen: 56.373 ug/L
RT: 8.694 min Scan# 2287
Delta R.T. -0.003 min
Lab File: VU044514.D
Acq: 23 Aug 2021 20:44

Instrument :
MSVOA_U
ClientSampleId :
VSTD005093

Tgt Ion: 43 Resp: 276195

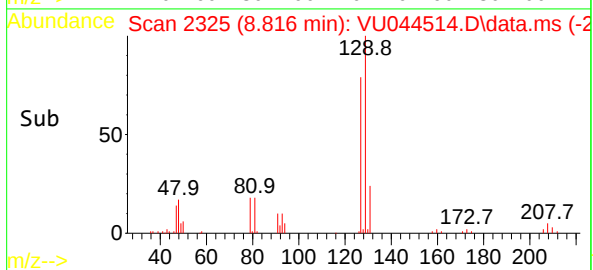
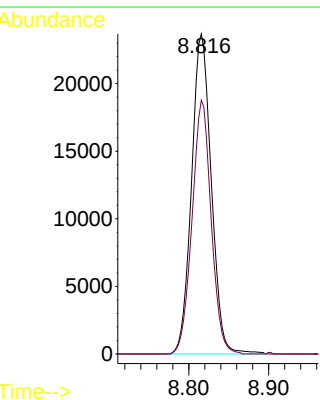
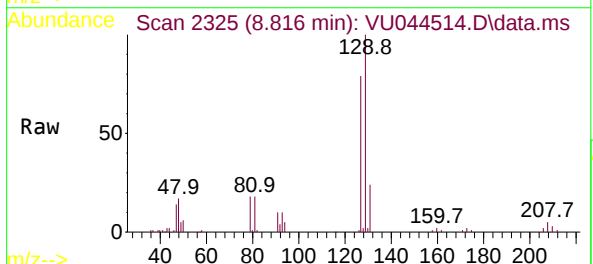
Ion	Ratio	Lower	Upper
43	100		
58	57.5	46.5	69.7
57	19.9	15.8	23.8
100	12.1	9.8	14.8

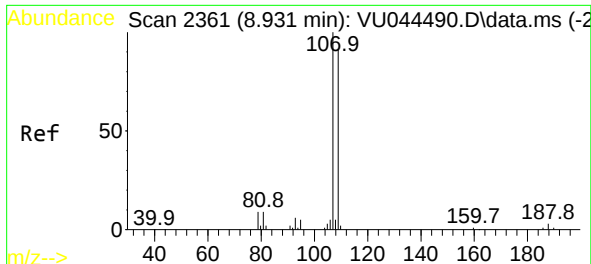


#49
Dibromochloromethane
Concen: 5.331 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. -0.003 min
Lab File: VU044514.D
Acq: 23 Aug 2021 20:44

Tgt Ion: 129 Resp: 40680

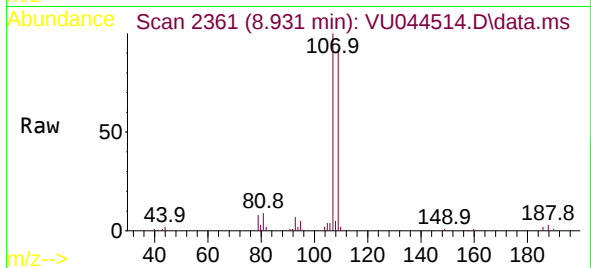
Ion	Ratio	Lower	Upper
129	100		
127	79.3	54.7	101.7



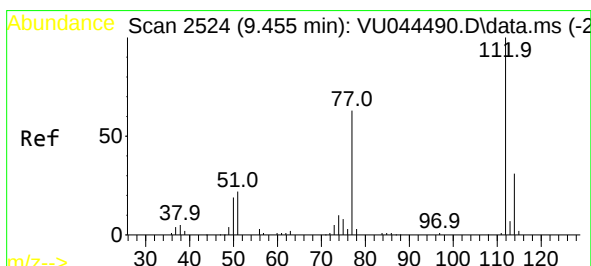
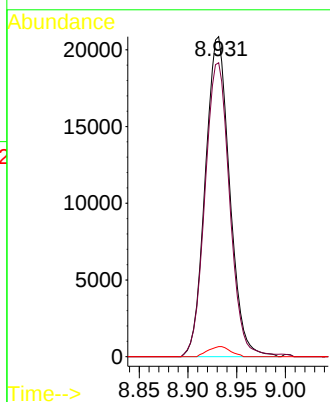
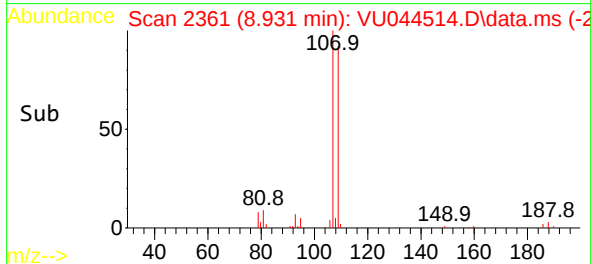


#50
1,2-Dibromoethane
Concen: 5.263 ug/L
RT: 8.931 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VU044514.D
Acq: 23 Aug 2021 20:44

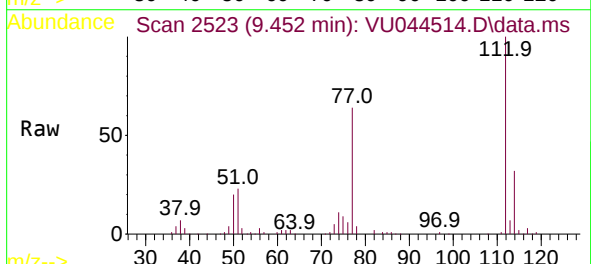
Instrument :
MSVOA_U
ClientSampleId :
VSTD005093



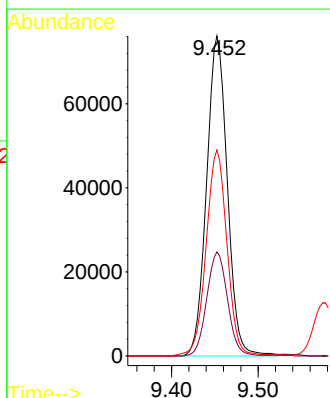
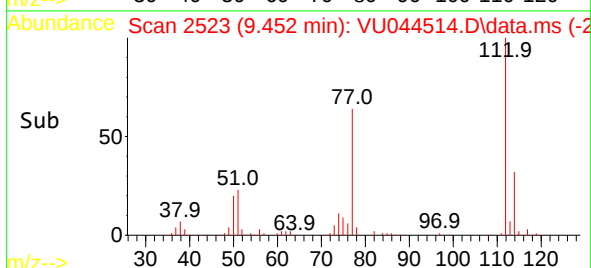
Tgt Ion:107 Resp: 36301
Ion Ratio Lower Upper
107 100
109 91.9 65.2 121.0
188 3.1 2.4 3.6

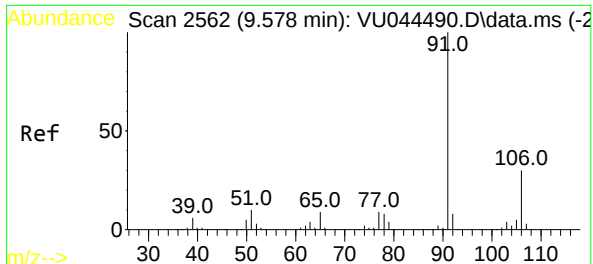


#51
Chlorobenzene
Concen: 5.124 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. -0.003 min
Lab File: VU044514.D
Acq: 23 Aug 2021 20:44



Tgt Ion:112 Resp: 126511
Ion Ratio Lower Upper
112 100
114 32.5 22.7 42.1
77 64.4 51.3 76.9





#52

Ethylbenzene

Concen: 5.225 ug/L

RT: 9.575 min Scan# 2561

Delta R.T. -0.003 min

Lab File: VU044514.D

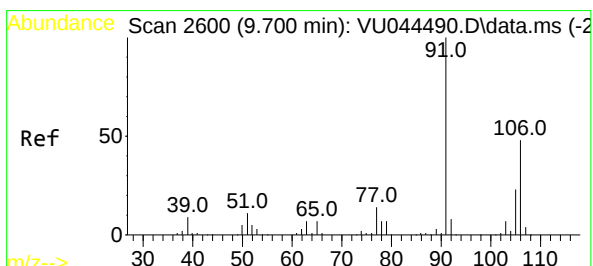
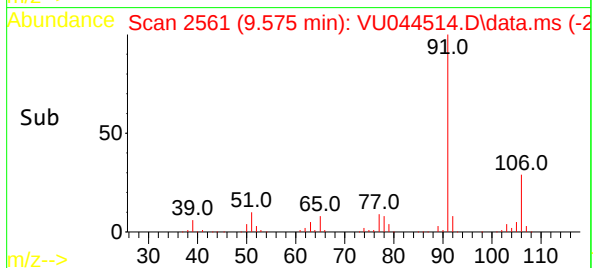
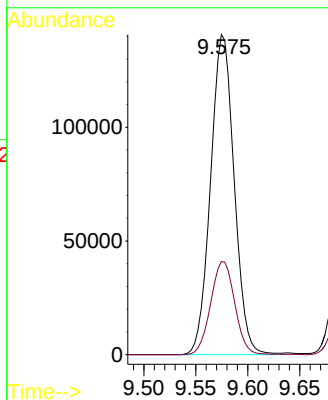
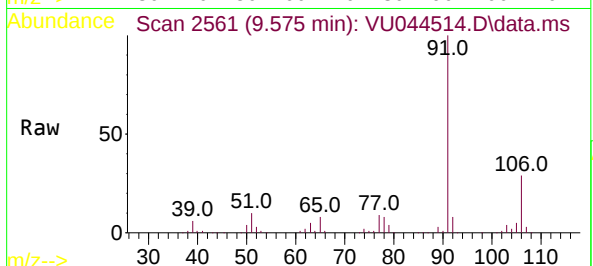
Acq: 23 Aug 2021 20:44

Tgt Ion: 91 Resp: 222045

Ion Ratio Lower Upper

91 100

106 29.1 21.3 39.6



#53

m,p-Xylene

Concen: 5.276 ug/L

RT: 9.700 min Scan# 2600

Delta R.T. 0.000 min

Lab File: VU044514.D

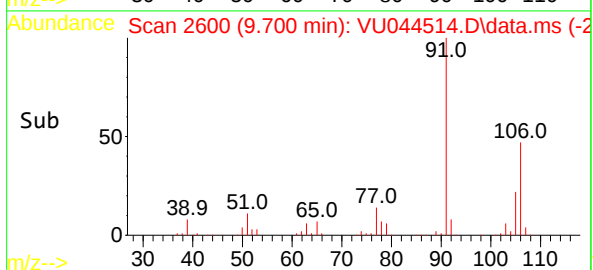
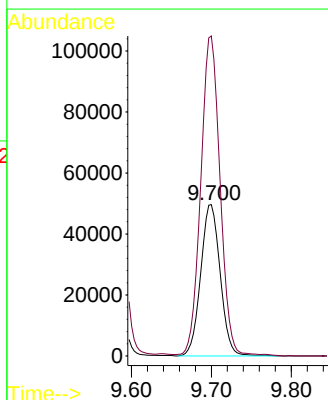
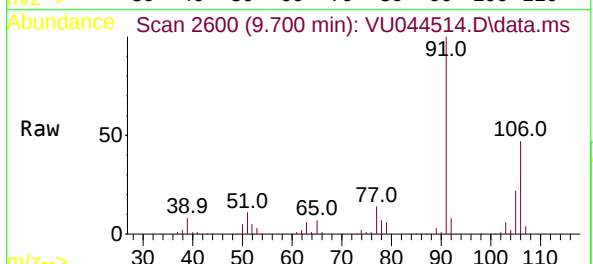
Acq: 23 Aug 2021 20:44

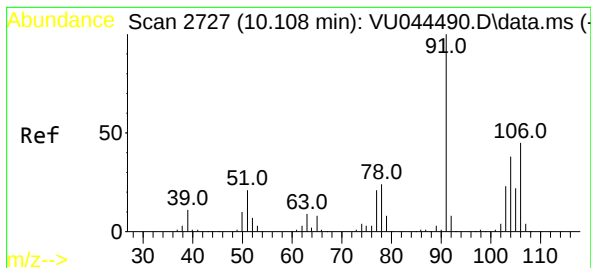
Tgt Ion: 106 Resp: 84292

Ion Ratio Lower Upper

106 100

91 211.5 146.2 271.6

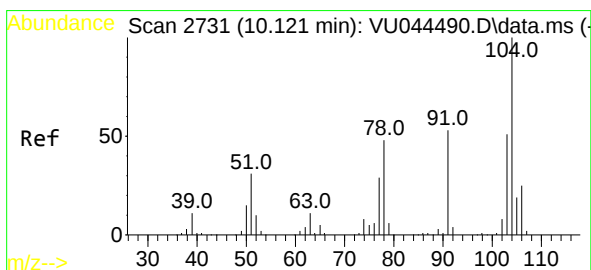
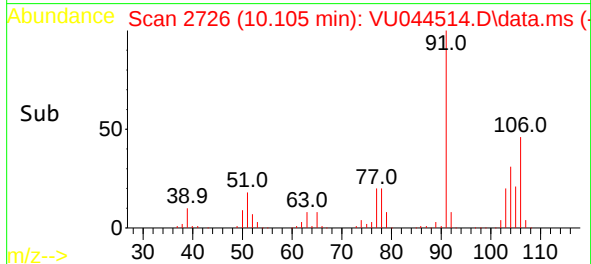
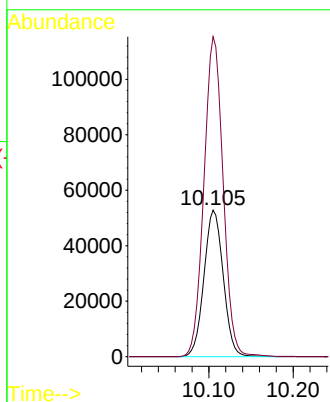
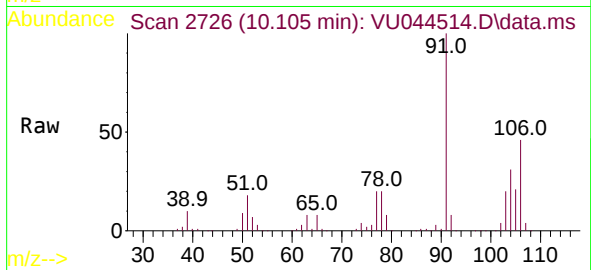




#54
o-Xylene
Concen: 5.406 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. -0.003 min
Lab File: VU044514.D
Acq: 23 Aug 2021 20:44

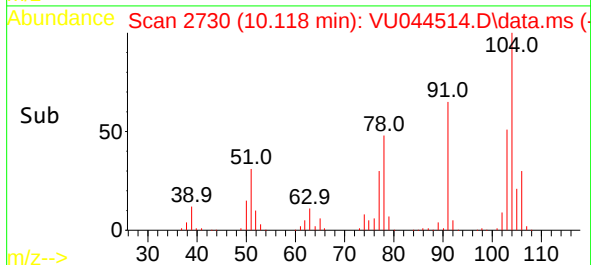
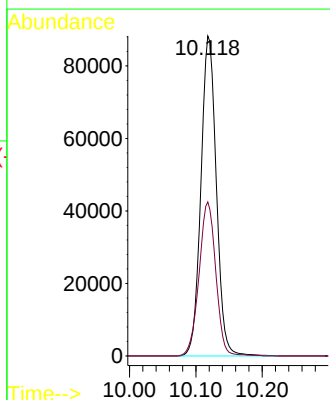
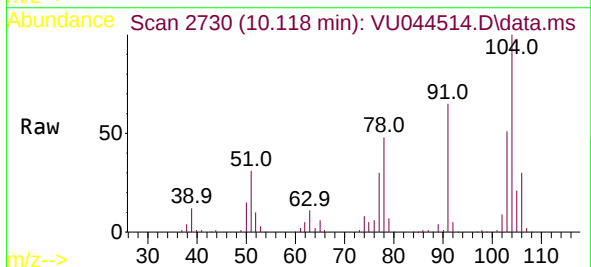
Instrument :
MSVOA_U
ClientSampleId :
VSTD005093

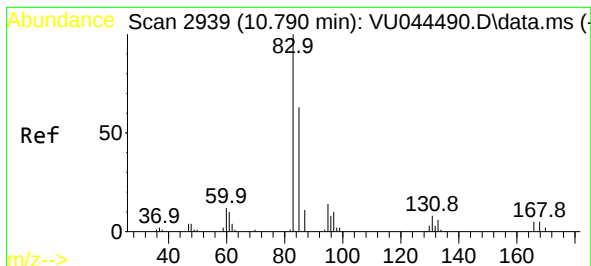
Tgt Ion:106 Resp: 84131
Ion Ratio Lower Upper
106 100
91 218.4 154.4 286.8



#55
Styrene
Concen: 5.597 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. -0.003 min
Lab File: VU044514.D
Acq: 23 Aug 2021 20:44

Tgt Ion:104 Resp: 142798
Ion Ratio Lower Upper
104 100
78 48.2 32.6 60.5

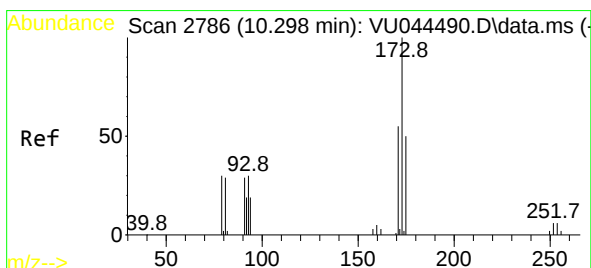
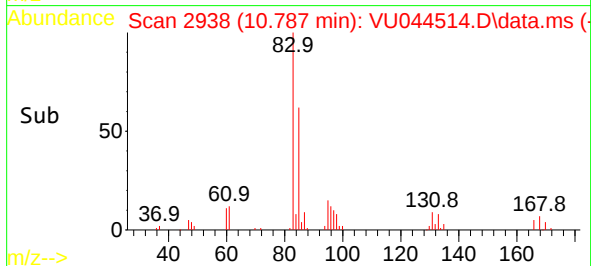
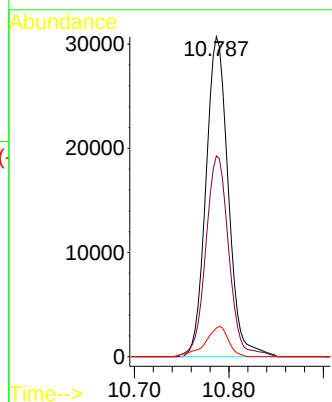
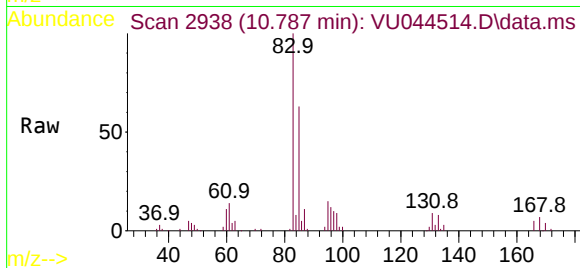




#57
1,1,2,2-Tetrachloroethane
Concen: 5.300 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. -0.003 min
Lab File: VU044514.D
Acq: 23 Aug 2021 20:44

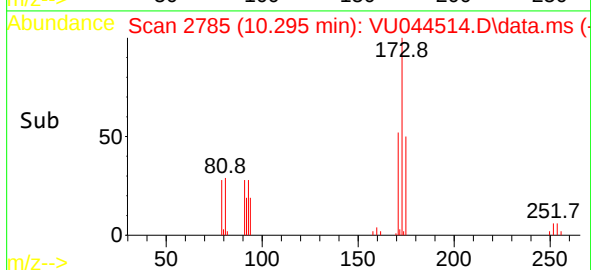
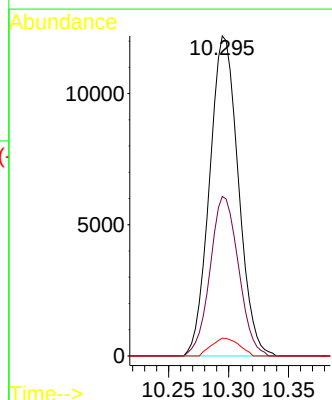
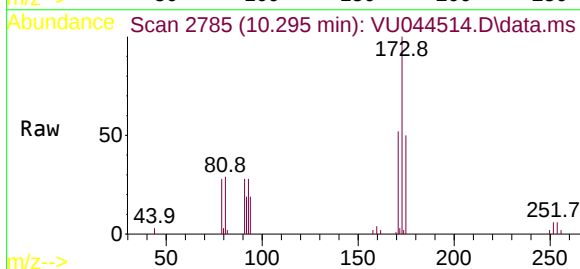
Instrument :
MSVOA_U
ClientSampleId :
VSTD005093

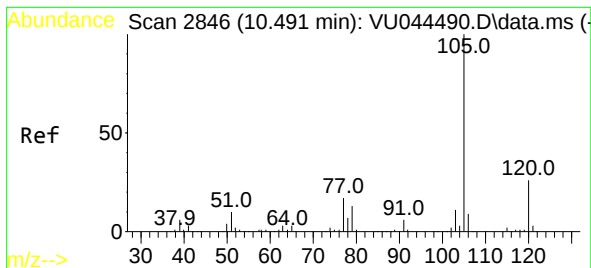
Tgt Ion: 83 Resp: 50321
Ion Ratio Lower Upper
83 100
85 62.8 44.2 82.2
131 8.9 6.9 10.3



#59
Bromoform
Concen: 5.017 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. -0.003 min
Lab File: VU044514.D
Acq: 23 Aug 2021 20:44

Tgt Ion: 173 Resp: 20336
Ion Ratio Lower Upper
173 100
175 49.3 38.0 57.0
254 5.3 4.3 6.5

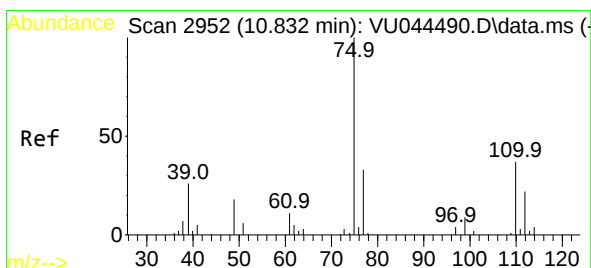
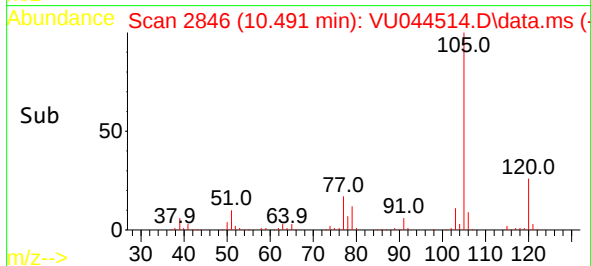
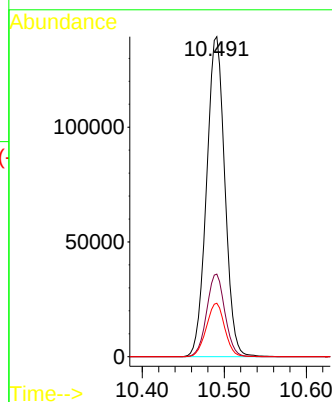
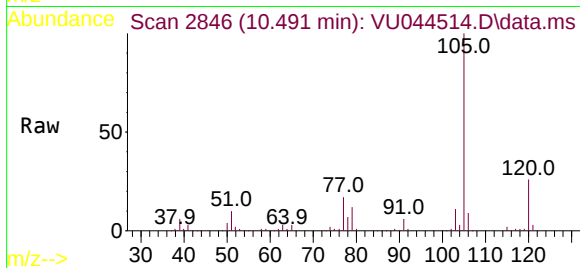




#60
Isopropylbenzene
Concen: 5.161 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. 0.000 min
Lab File: VU044514.D
Acq: 23 Aug 2021 20:44

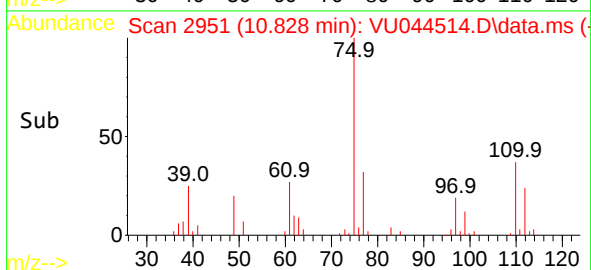
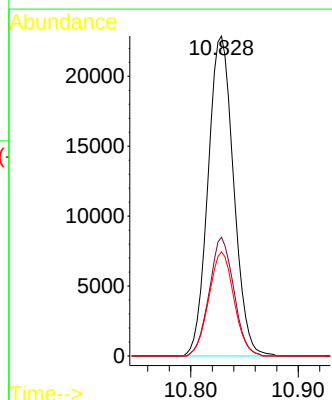
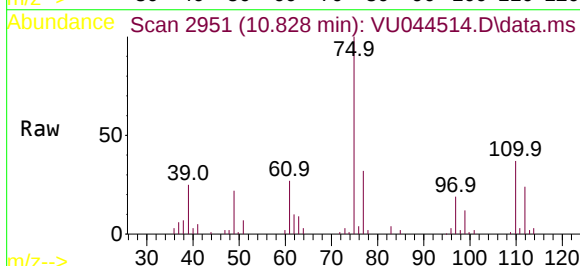
Instrument :
MSVOA_U
ClientSampleId :
VSTD005093

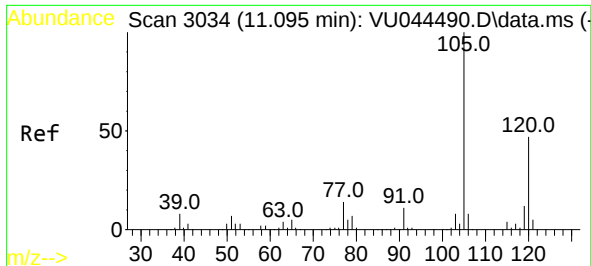
Tgt Ion:105 Resp: 216072
Ion Ratio Lower Upper
105 100
120 25.8 20.1 30.1
77 16.8 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 5.264 ug/L
RT: 10.828 min Scan# 2951
Delta R.T. -0.003 min
Lab File: VU044514.D
Acq: 23 Aug 2021 20:44

Tgt Ion: 75 Resp: 37733
Ion Ratio Lower Upper
75 100
110 35.7 28.4 42.6
77 32.1 26.5 39.7

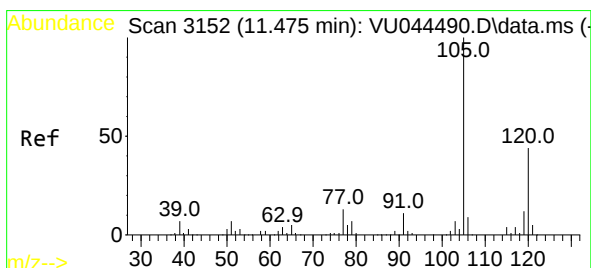
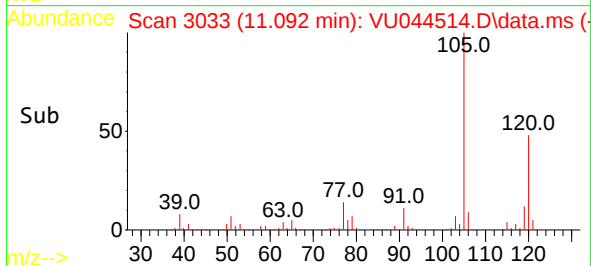
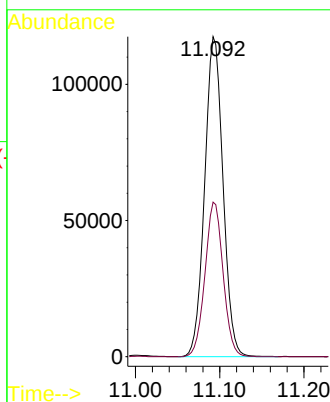
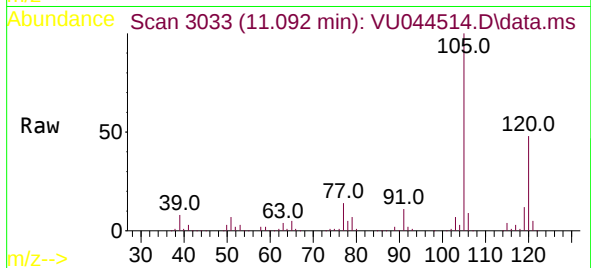




#62
1,3,5-Trimethylbenzene
Concen: 5.201 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. -0.003 min
Lab File: VU044514.D
Acq: 23 Aug 2021 20:44

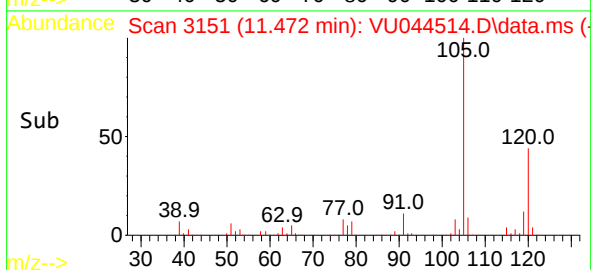
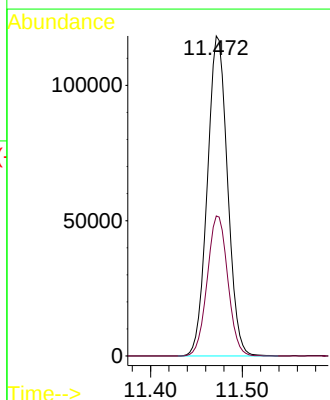
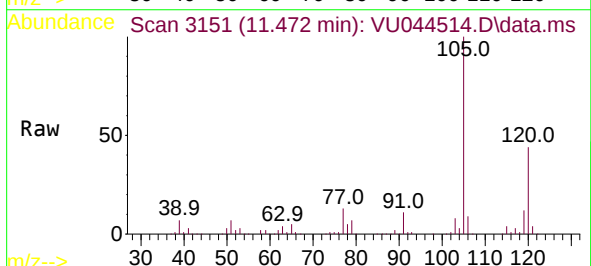
Instrument :
MSVOA_U
ClientSampleId :
VSTD005093

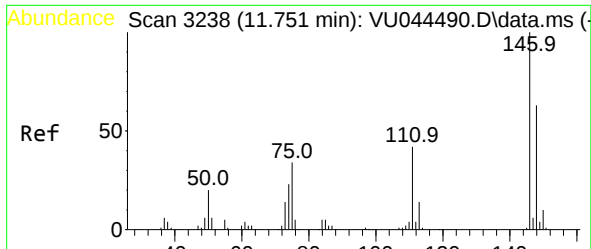
Tgt Ion:105 Resp: 178037
Ion Ratio Lower Upper
105 100
120 47.7 37.8 56.6



#63
1,2,4-Trimethylbenzene
Concen: 5.158 ug/L
RT: 11.472 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VU044514.D
Acq: 23 Aug 2021 20:44

Tgt Ion:105 Resp: 181074
Ion Ratio Lower Upper
105 100
120 44.5 35.2 52.8

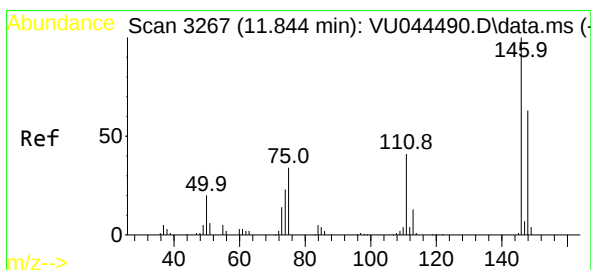
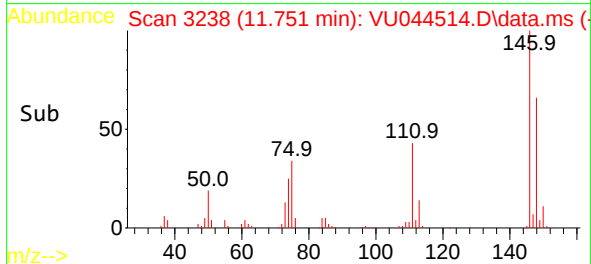
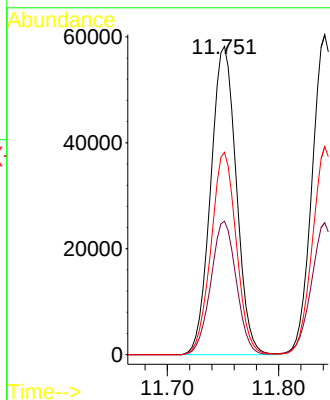
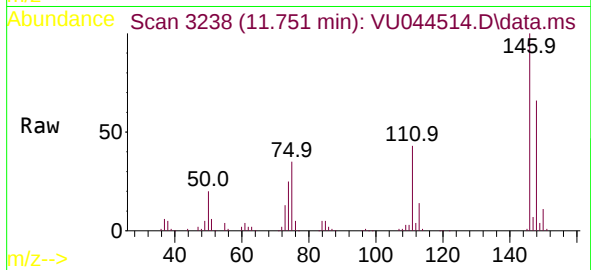




#64
1,3-Dichlorobenzene
Concen: 5.067 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. 0.000 min
Lab File: VU044514.D
Acq: 23 Aug 2021 20:44

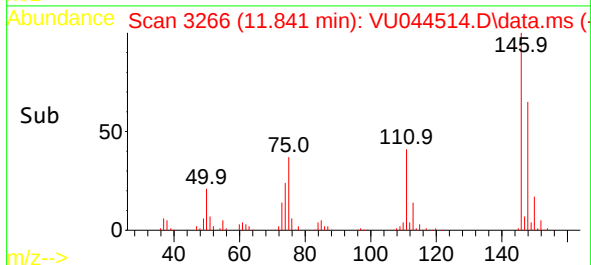
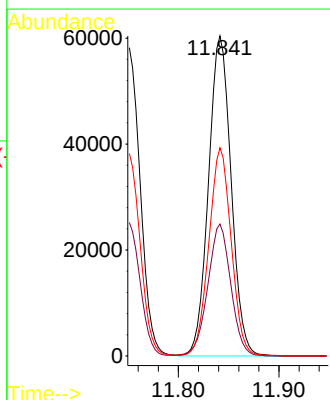
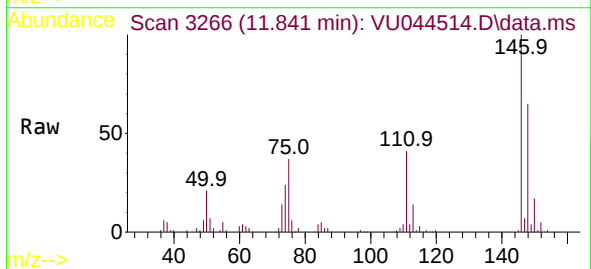
Instrument :
MSVOA_U
ClientSampleId :
VSTD005093

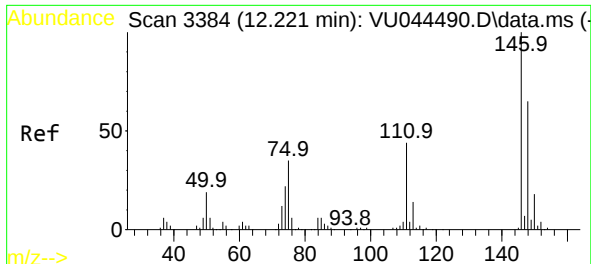
Tgt Ion:146 Resp: 93143
Ion Ratio Lower Upper
146 100
111 43.3 29.6 55.0
148 65.7 44.7 83.1



#65
1,4-Dichlorobenzene
Concen: 5.085 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. -0.003 min
Lab File: VU044514.D
Acq: 23 Aug 2021 20:44

Tgt Ion:146 Resp: 94450
Ion Ratio Lower Upper
146 100
111 41.3 28.8 53.4
148 65.1 43.6 81.0

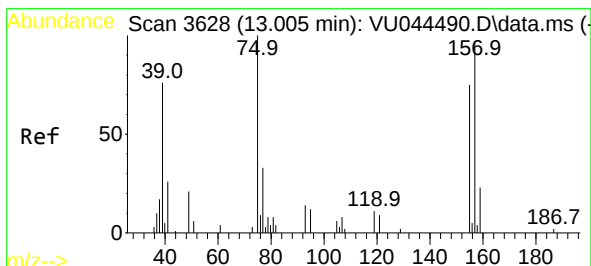
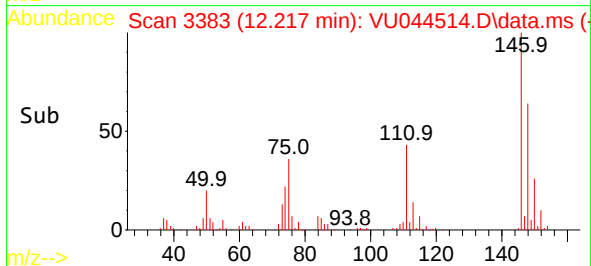
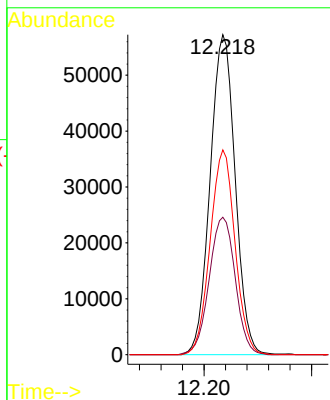
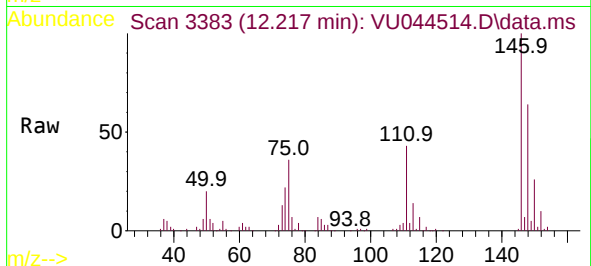




#67
1,2-Dichlorobenzene
Concen: 5.280 ug/L
RT: 12.217 min Scan# 3383
Delta R.T. -0.003 min
Lab File: VU044514.D
Acq: 23 Aug 2021 20:44

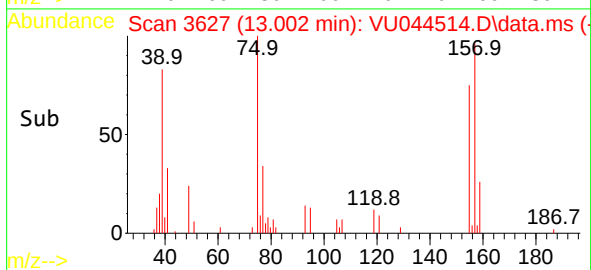
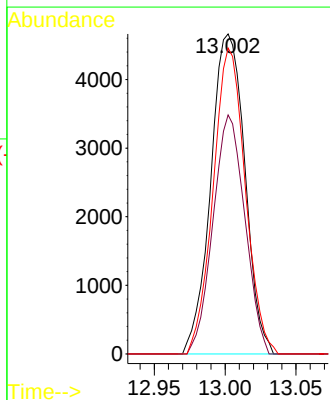
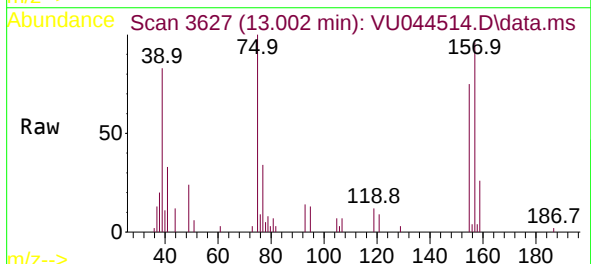
Instrument :
MSVOA_U
ClientSampleId :
VSTD005093

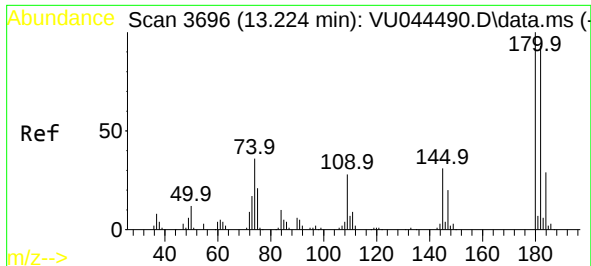
Tgt Ion:146 Resp: 92503
Ion Ratio Lower Upper
146 100
111 42.9 34.9 52.3
148 64.0 49.3 73.9



#68
1,2-Dibromo-3-chloropropane
Concen: 5.328 ug/L
RT: 13.002 min Scan# 3627
Delta R.T. -0.003 min
Lab File: VU044514.D
Acq: 23 Aug 2021 20:44

Tgt Ion: 75 Resp: 7813
Ion Ratio Lower Upper
75 100
155 74.7 61.2 91.8
157 95.6 74.2 111.2



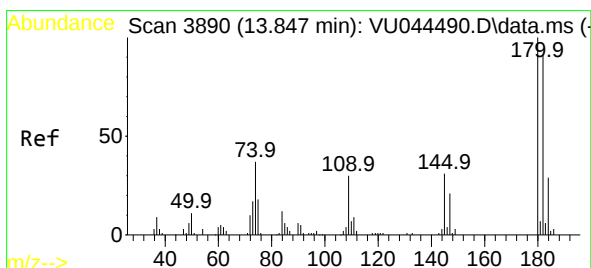
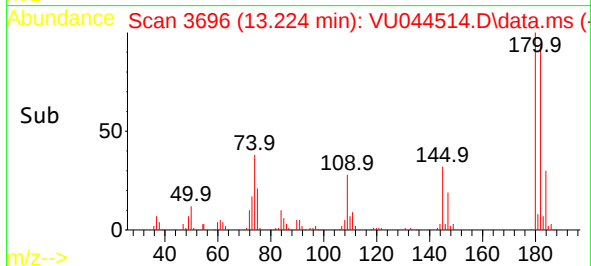
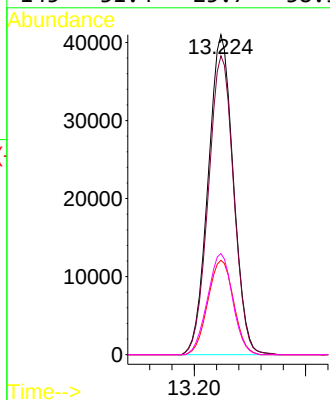
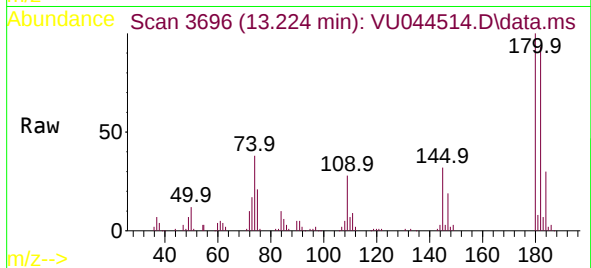


#69
 1,3,5-Trichlorobenzene
 Concen: 4.971 ug/L
 RT: 13.224 min Scan# 3696
 Delta R.T. 0.000 min
 Lab File: VU044514.D
 Acq: 23 Aug 2021 20:44

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005093

Tgt Ion:180 Resp: 64344

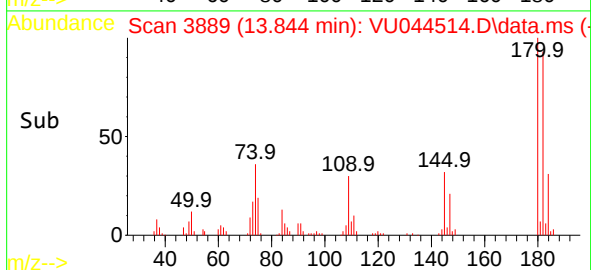
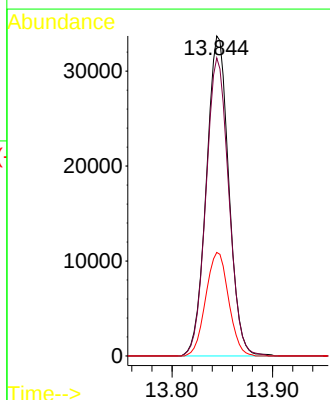
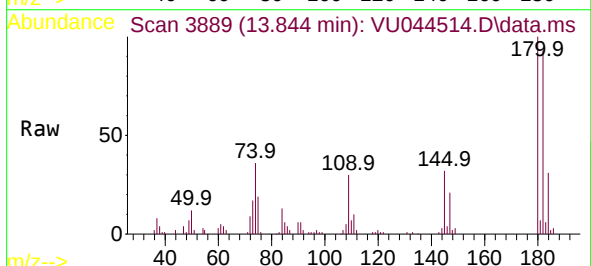
Ion	Ratio	Lower	Upper
180	100		
182	93.9	75.0	112.6
184	30.1	24.3	36.5
145	31.4	25.7	38.5

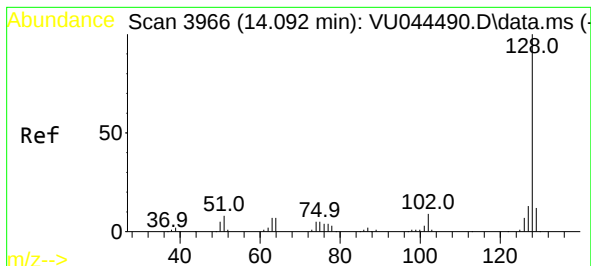


#70
 1,2,4-trichlorobenzene
 Concen: 5.148 ug/L
 RT: 13.844 min Scan# 3889
 Delta R.T. -0.003 min
 Lab File: VU044514.D
 Acq: 23 Aug 2021 20:44

Tgt Ion:180 Resp: 52226

Ion	Ratio	Lower	Upper
180	100		
182	94.4	76.0	114.0
145	33.0	26.3	39.5

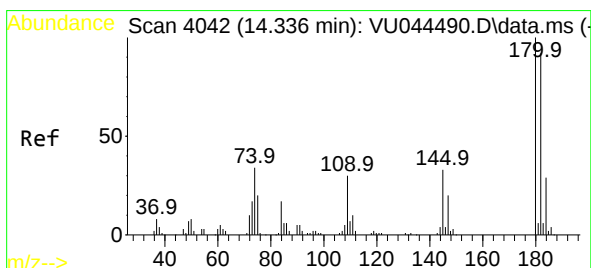
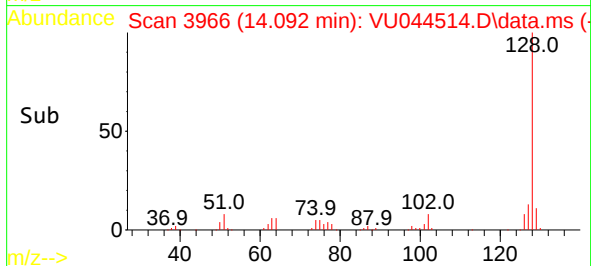
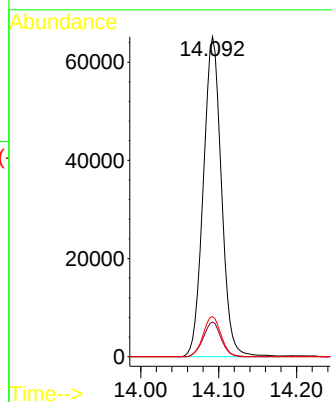
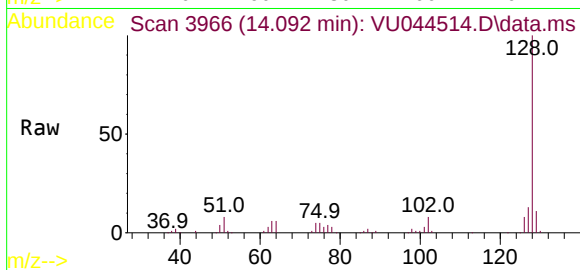




#71
Naphthalene
Concen: 5.437 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VU044514.D
Acq: 23 Aug 2021 20:44

Instrument :
MSVOA_U
ClientSampleId :
VSTD005093

Tgt Ion:128 Resp: 105170
Ion Ratio Lower Upper
128 100
129 10.6 8.6 12.8
127 12.4 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 5.404 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. -0.003 min
Lab File: VU044514.D
Acq: 23 Aug 2021 20:44

Tgt Ion:180 Resp: 50196
Ion Ratio Lower Upper
180 100
182 95.1 76.4 114.6
145 34.4 27.1 40.7

