

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082421\
 Data File : VU044524.D
 Acq On : 24 Aug 2021 15:35
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005095

Quant Time: Aug 25 03:52:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR081821WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Aug 25 03:50:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	111445	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	112644	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	57833	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	33675	3.736	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.800%
7) Chloroethane-d5	1.919	69	34041	4.346	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.000%
11) 1,1-Dichloroethene-d2	2.572	65	16856	4.396	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.000%
20) 2-Butanone-d5	4.639	46	102133	40.972	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.940%
24) Chloroform-d	5.073	84	79485	4.987	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
26) 1,2-Dichloroethane-d4	5.710	65	41587	4.785	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
32) Benzene-d6	5.735	84	154474	4.870	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
36) 1,2-Dichloropropane-d6	6.700	67	49338	4.862	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.200%
41) Toluene-d8	7.903	98	136760	4.862	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
43) trans-1,3-Dichloroprop...	8.186	79	17608	4.832	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.600%
46) 2-Hexanone-d5	8.645	63	109936	55.785	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.560%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	43566	5.098	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.000%
66) 1,2-Dichlorobenzene-d4	12.198	152	47493	4.861	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	59502	5.192	ug/L	99
3) Chloromethane	1.520	50	72412	4.823	ug/L	100
5) Vinyl chloride	1.607	62	72744	5.241	ug/L	97
6) Bromomethane	1.861	94	40609	5.382	ug/L	99
8) Chloroethane	1.938	64	44081	5.195	ug/L	97
9) Trichlorofluoromethane	2.144	101	83998	5.293	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	47504	5.440	ug/L	99
12) 1,1-Dichloroethene	2.584	96	44890	5.241	ug/L	97
13) Acetone	2.646	43	53023	25.616	ug/L	83
14) Carbon disulfide	2.800	76	138764	4.995	ug/L	100
15) Methyl Acetate	2.961	43	16099	4.762	ug/L #	90
16) Methylene chloride	3.054	84	74233	5.834	ug/L	99
17) Methyl tert-butyl Ether	3.372	73	117712	5.314	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	47639	5.338	ug/L	99
19) 1,1-Dichloroethane	3.877	63	92509	5.347	ug/L	99
21) 2-Butanone	4.719	43	104788	35.525	ug/L	96
22) cis-1,2-Dichloroethene	4.674	96	50967	5.342	ug/L	98
23) Bromochloromethane	4.983	128	22854	5.433	ug/L	96
25) Chloroform	5.096	83	93461	5.266	ug/L	100

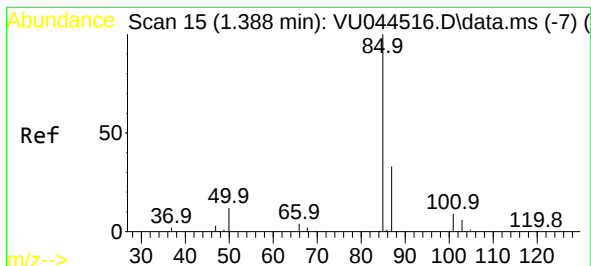
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082421\
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Quant Time: Aug 25 03:52:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR081821WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Aug 25 03:50:31 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	61321	5.179	ug/L	97
29) 1,1,1-Trichloroethane	5.324	97	76232	5.407	ug/L	99
30) Cyclohexane	5.398	56	82687	5.306	ug/L	99
31) Carbon tetrachloride	5.533	117	62293	5.377	ug/L	100
33) Benzene	5.780	78	210084	5.497	ug/L	100
34) Trichloroethene	6.549	95	51845	5.487	ug/L	99
35) Methylcyclohexane	6.771	83	82876	5.259	ug/L	100
37) 1,2-Dichloropropane	6.800	63	55256	5.522	ug/L	99
38) Bromodichloromethane	7.112	83	66404	5.404	ug/L	98
39) cis-1,3-Dichloropropene	7.613	75	74941	5.340	ug/L	99
40) 4-Methyl-2-pentanone	7.800	43	382777	56.334	ug/L	100
42) Toluene	7.977	91	218453	5.487	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	62783	5.278	ug/L	97
45) 1,1,2-Trichloroethane	8.407	97	39322	5.510	ug/L	94
47) Tetrachloroethene	8.559	164	35398	5.418	ug/L	98
48) 2-Hexanone	8.694	43	281779	58.118	ug/L	99
49) Dibromochloromethane	8.816	129	41054	5.436	ug/L	96
50) 1,2-Dibromoethane	8.931	107	37314	5.466	ug/L	99
51) Chlorobenzene	9.452	112	132710	5.432	ug/L	99
52) Ethylbenzene	9.578	91	230780	5.488	ug/L	100
53) m,p-Xylene	9.700	106	88210	5.579	ug/L	99
54) o-Xylene	10.105	106	85866	5.576	ug/L	99
55) Styrene	10.121	104	149480	5.920	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.787	83	51532	5.484	ug/L	99
59) Bromoform	10.298	173	20204	4.945	ug/L	96
60) Isopropylbenzene	10.491	105	225874	5.352	ug/L	100
61) 1,2,3-Trichloropropane	10.829	75	38374	5.310	ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	186387	5.401	ug/L	100
63) 1,2,4-Trimethylbenzene	11.475	105	189507	5.355	ug/L	100
64) 1,3-Dichlorobenzene	11.751	146	98424	5.311	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	98519	5.262	ug/L	99
67) 1,2-Dichlorobenzene	12.218	146	94822	5.368	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.002	75	7669	5.188	ug/L	93
69) 1,3,5-Trichlorobenzene	13.224	180	67131	5.145	ug/L	98
70) 1,2,4-trichlorobenzene	13.844	180	54702	5.349	ug/L	99
71) Naphthalene	14.092	128	104087	5.338	ug/L	100
72) 1,2,3-Trichlorobenzene	14.336	180	51262	5.475	ug/L	98

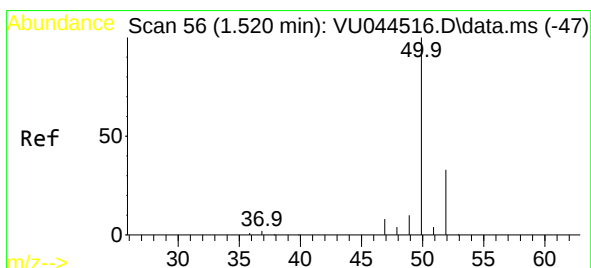
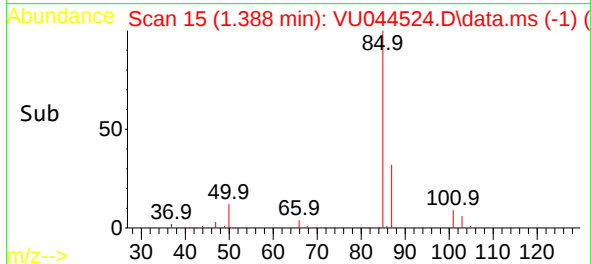
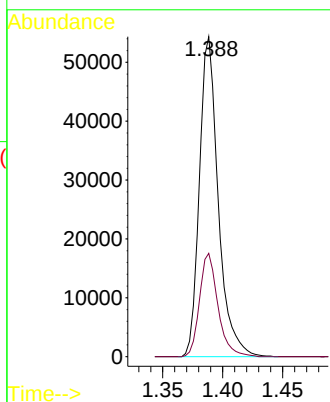
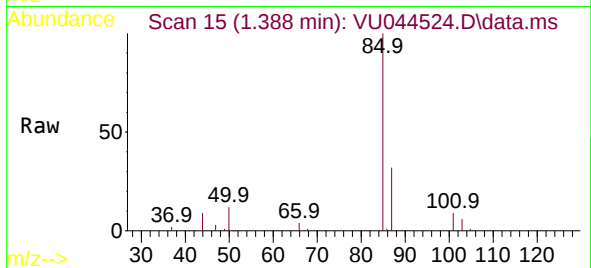
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 5.192 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU044524.D
Acq: 24 Aug 2021 15:35

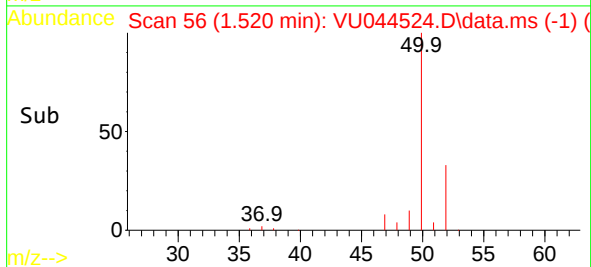
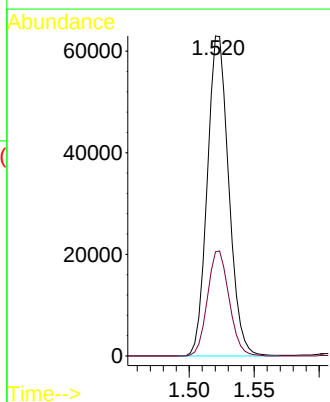
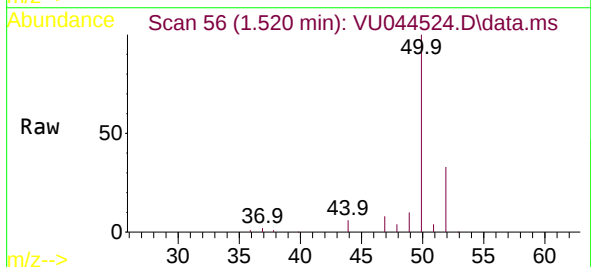
Instrument :
MSVOA_U
ClientSampleId :
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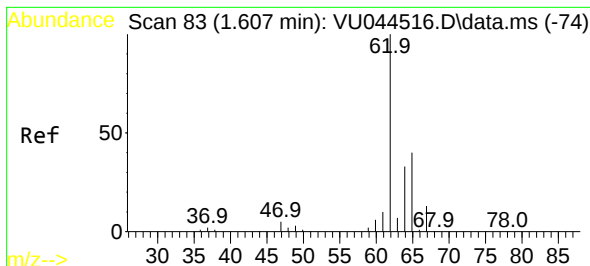
Tgt Ion: 85 Resp: 59502
Ion Ratio Lower Upper
85 100
87 31.5 25.7 38.5



#3
Chloromethane
Concen: 4.823 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU044524.D
Acq: 24 Aug 2021 15:35

Tgt Ion: 50 Resp: 72412
Ion Ratio Lower Upper
50 100
52 32.6 22.8 42.4





#5

Vinyl chloride

Concen: 5.241 ug/L

RT: 1.607 min Scan# 83

Delta R.T. 0.000 min

Lab File: VU044524.D

Acq: 24 Aug 2021 15:35

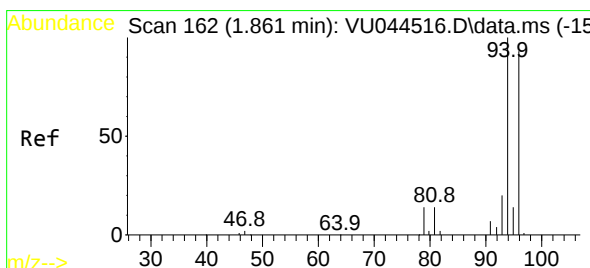
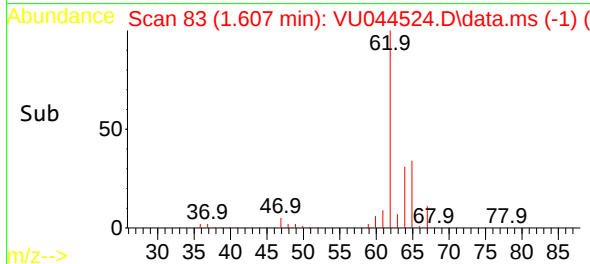
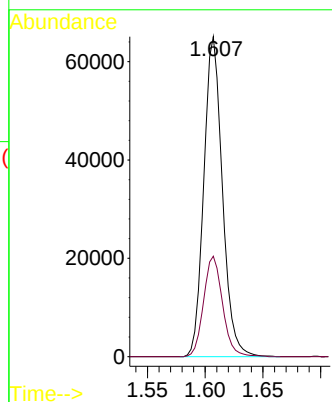
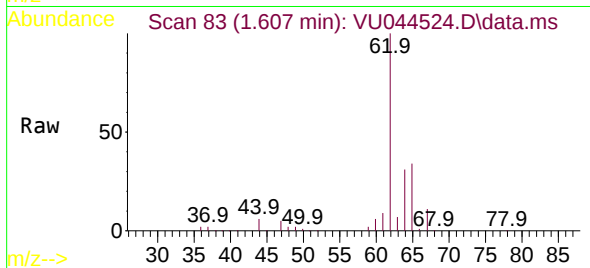
Instrument :
MSVOA_U
ClientSampleId :
VSTD005095

Tgt Ion: 62 Resp: 72744

Ion Ratio Lower Upper

62 100

64 31.4 23.2 43.0



#6

Bromomethane

Concen: 5.382 ug/L

RT: 1.861 min Scan# 162

Delta R.T. 0.000 min

Lab File: VU044524.D

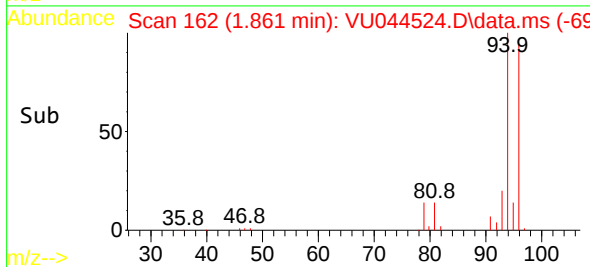
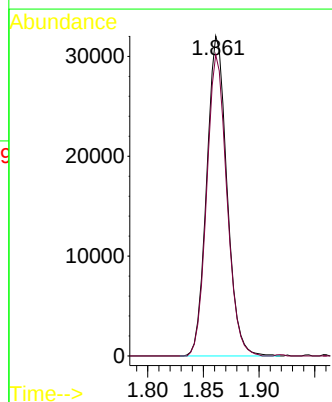
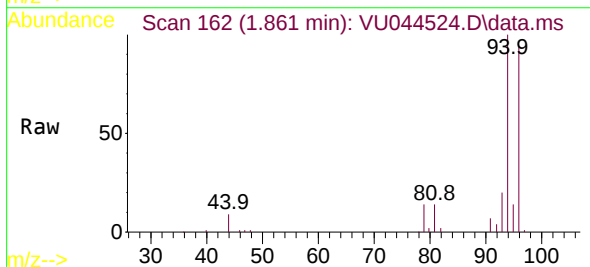
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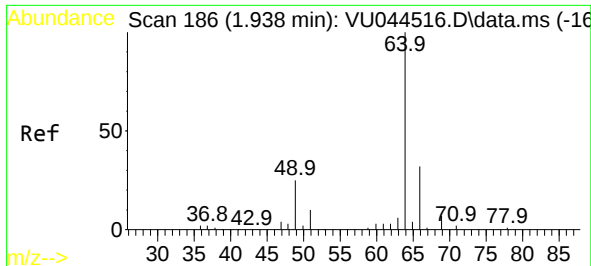
Tgt Ion: 94 Resp: 40609

Ion Ratio Lower Upper

94 100

96 94.1 65.2 121.2

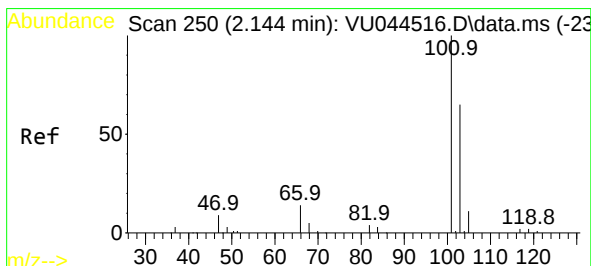
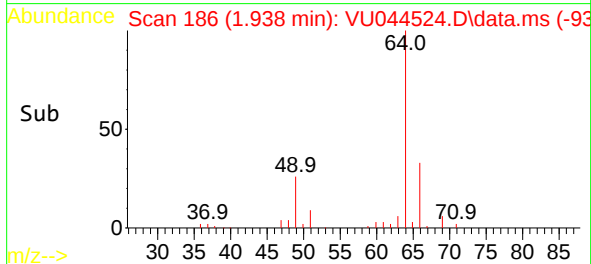
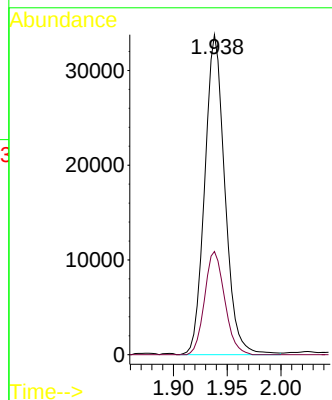
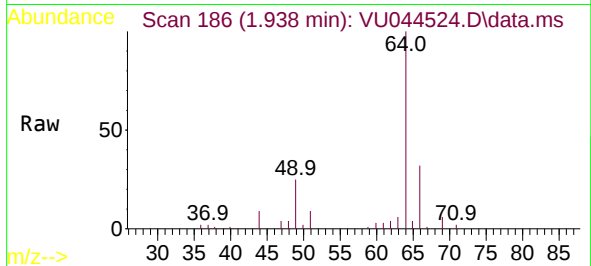




#8
Chloroethane
Concen: 5.195 ug/L
RT: 1.938 min Scan# 186
Delta R.T. 0.000 min
Lab File: VU044524.D
Acq: 24 Aug 2021 15:35

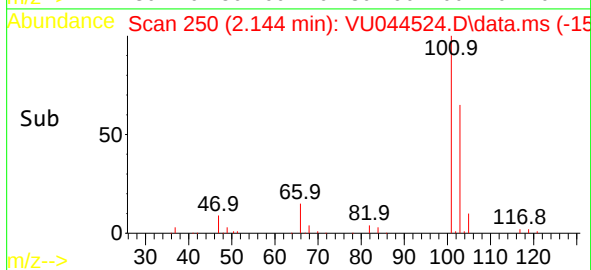
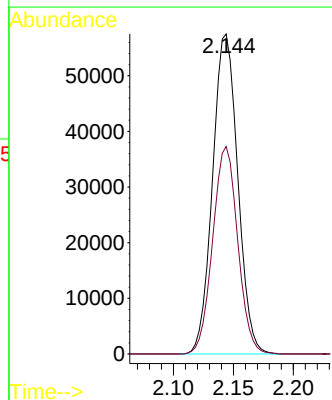
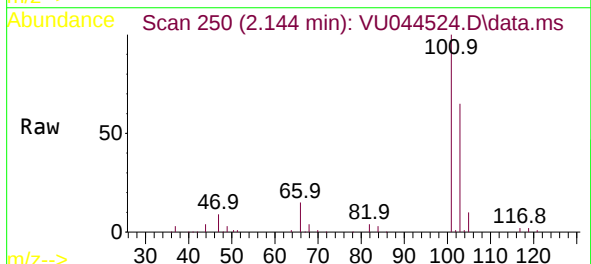
Instrument :
MSVOA_U
ClientSampleId :
VSTD005095

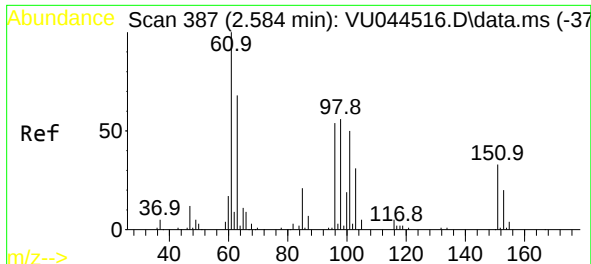
Tgt Ion: 64 Resp: 44081
Ion Ratio Lower Upper
64 100
66 32.3 21.3 39.5



#9
Trichlorofluoromethane
Concen: 5.293 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU044524.D
Acq: 24 Aug 2021 15:35

Tgt Ion: 101 Resp: 83998
Ion Ratio Lower Upper
101 100
103 64.3 51.6 77.4

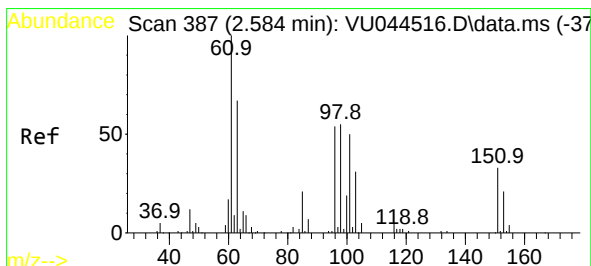
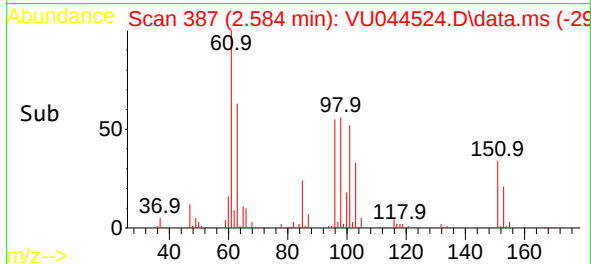
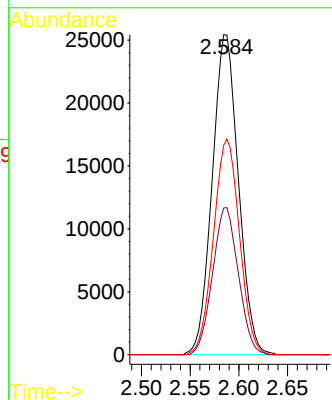
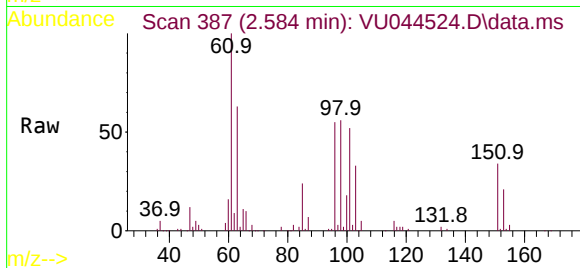




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.440 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. 0.000 min
 Lab File: VU044524.D
 Acq: 24 Aug 2021 15:35

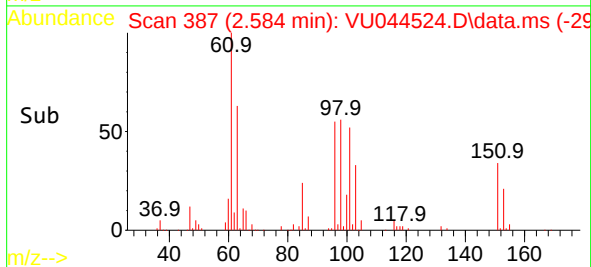
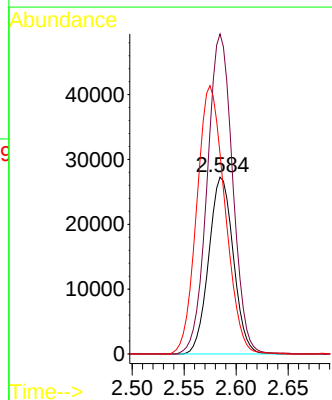
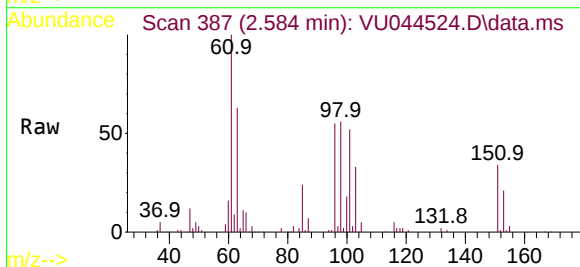
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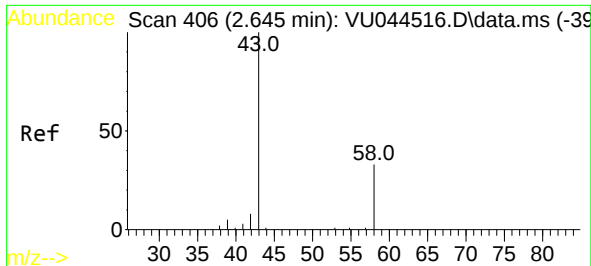
Tgt Ion:	101	Resp:	47504
Ion	Ratio	Lower	Upper
101	100		
85	45.2	35.3	52.9
151	67.1	53.0	79.6



#12
 1,1-Dichloroethene
 Concen: 5.241 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. 0.000 min
 Lab File: VU044524.D
 Acq: 24 Aug 2021 15:35

Tgt Ion:	96	Resp:	44890
Ion	Ratio	Lower	Upper
96	100		
61	181.0	126.1	234.3
63	113.3	84.8	157.6

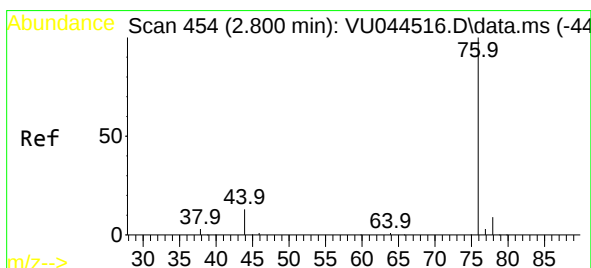
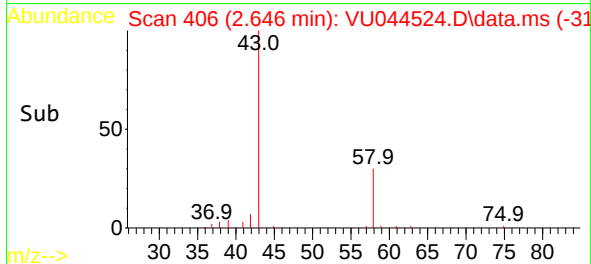
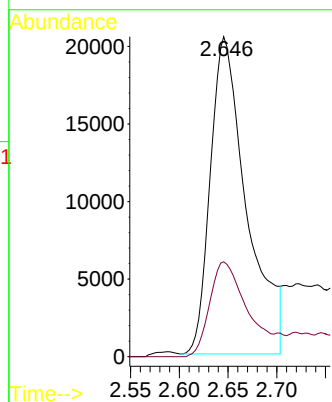
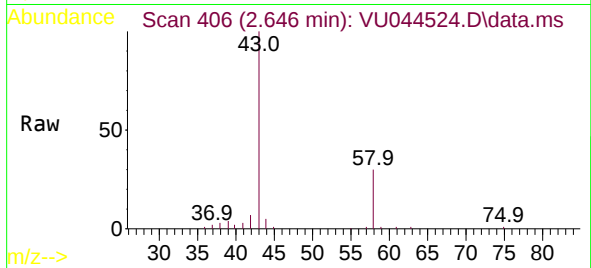




#13
Acetone
Concen: 25.616 ug/L
RT: 2.646 min Scan# 406
Delta R.T. 0.000 min
Lab File: VU044524.D
Acq: 24 Aug 2021 15:35

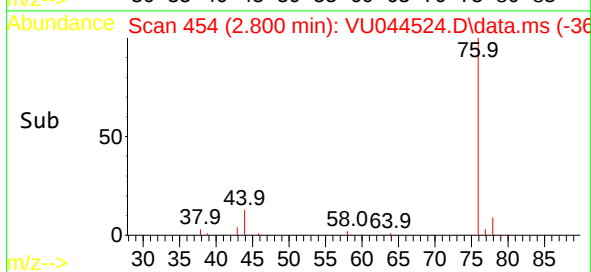
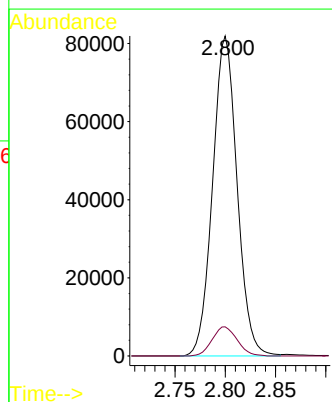
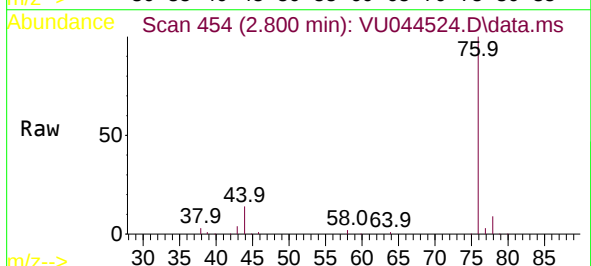
Instrument :
MSVOA_U
ClientSampleId :
VSTD005095

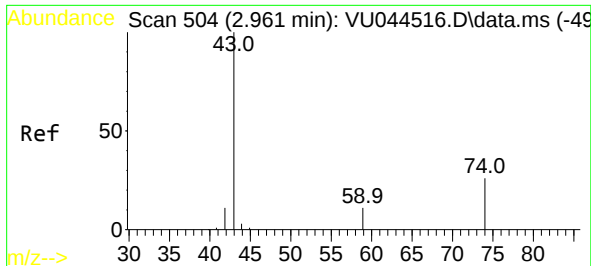
Tgt Ion: 43 Resp: 53023
Ion Ratio Lower Upper
43 100
58 30.9 0.0 45.4



#14
Carbon disulfide
Concen: 4.995 ug/L
RT: 2.800 min Scan# 454
Delta R.T. 0.000 min
Lab File: VU044524.D
Acq: 24 Aug 2021 15:35

Tgt Ion: 76 Resp: 138764
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

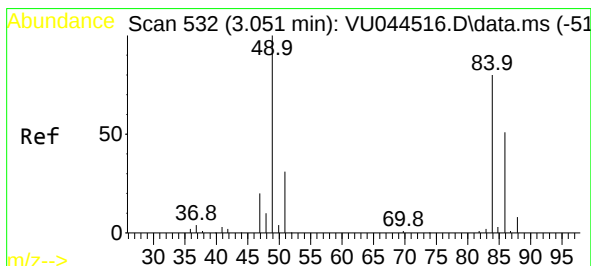
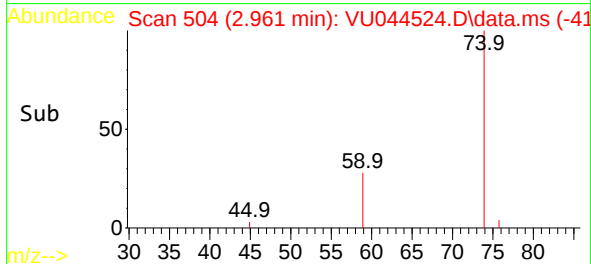
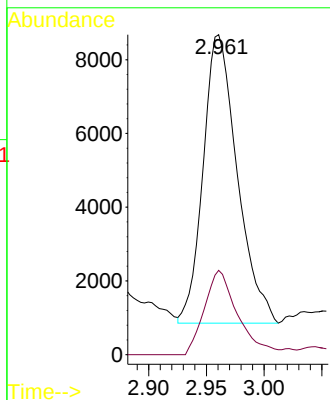
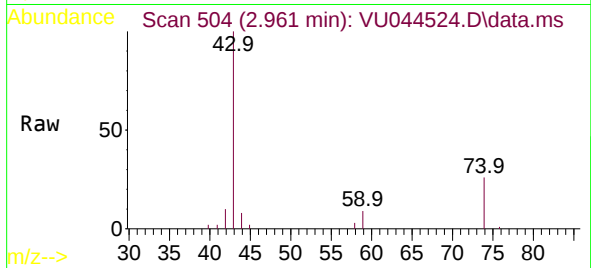




#15
Methyl Acetate
Concen: 4.762 ug/L
RT: 2.961 min Scan# 504
Delta R.T. 0.000 min
Lab File: VU044524.D
Acq: 24 Aug 2021 15:35

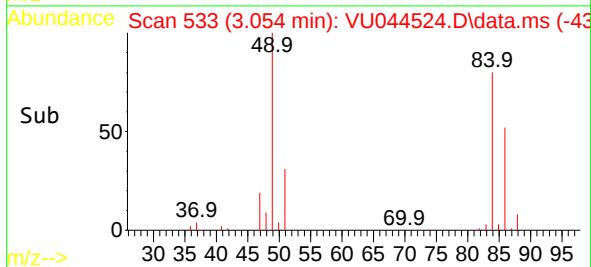
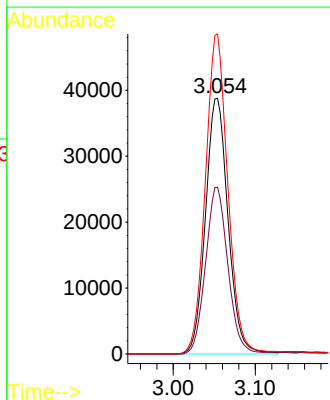
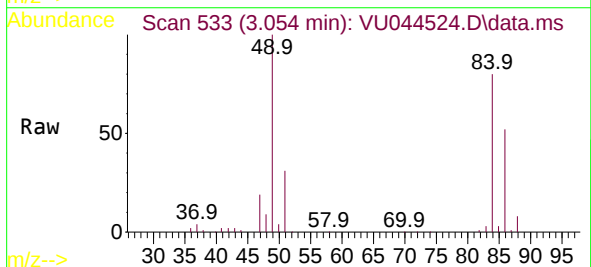
Instrument :
MSVOA_U
ClientSampleId :
VSTD005095

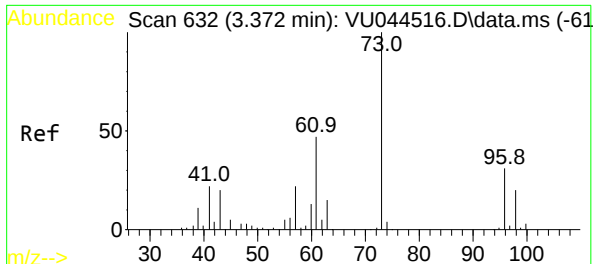
Tgt Ion: 43 Resp: 16099
Ion Ratio Lower Upper
43 100
74 28.5 19.0 28.4#



#16
Methylene chloride
Concen: 5.834 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.003 min
Lab File: VU044524.D
Acq: 24 Aug 2021 15:35

Tgt Ion: 84 Resp: 74233
Ion Ratio Lower Upper
84 100
86 65.2 45.2 84.0
49 125.2 88.8 165.0



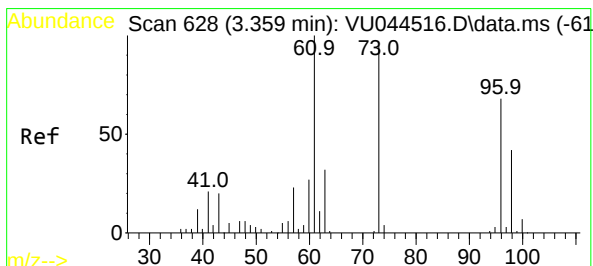
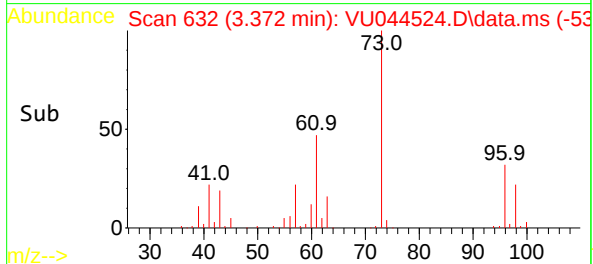
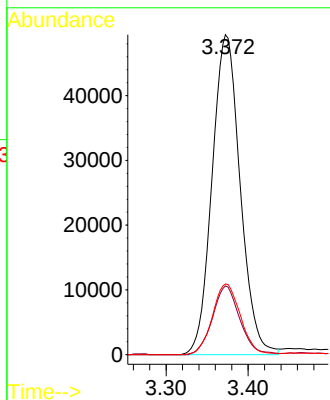
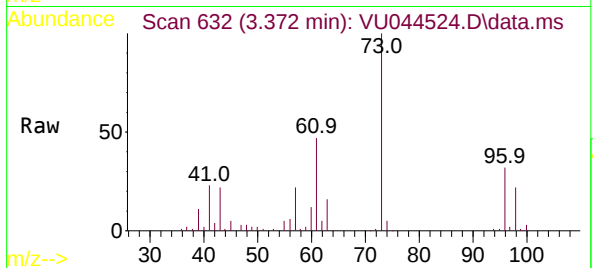


#17

Methyl tert-butyl Ether
Concen: 5.314 ug/L
RT: 3.372 min Scan# 632
Delta R.T. 0.000 min
Lab File: VU044524.D
Acq: 24 Aug 2021 15:35

Instrument :
MSVOA_U
ClientSampleId :
VSTD005095

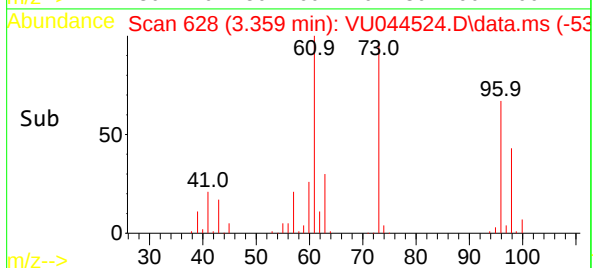
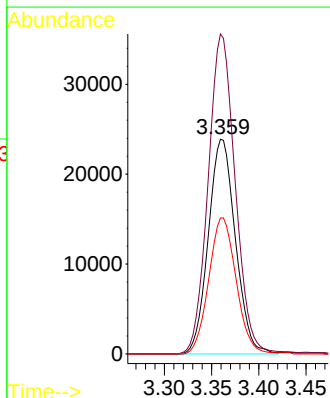
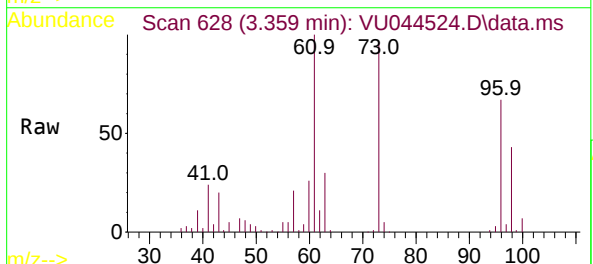
Tgt Ion: 73	Resp: 117712
Ion Ratio	Lower Upper
73 100	
43 20.9	16.2 24.4
57 22.1	17.8 26.8

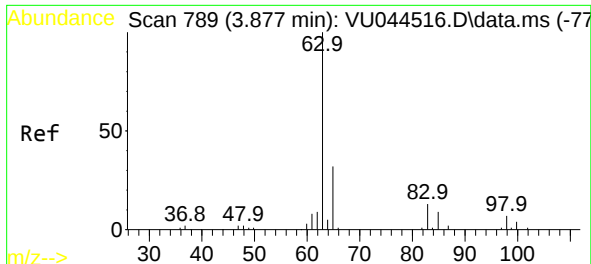


#18

trans-1,2-Dichloroethene
Concen: 5.338 ug/L
RT: 3.359 min Scan# 628
Delta R.T. 0.000 min
Lab File: VU044524.D
Acq: 24 Aug 2021 15:35

Tgt Ion: 96	Resp: 47639		
Ion Ratio	Lower	Upper	
96 100			
61 149.0	103.7	192.5	
98 63.4	44.7	83.1	





#19

1,1-Dichloroethane

Concen: 5.347 ug/L

RT: 3.877 min Scan# 789

Delta R.T. 0.000 min

Lab File: VU044524.D

Acq: 24 Aug 2021 15:35

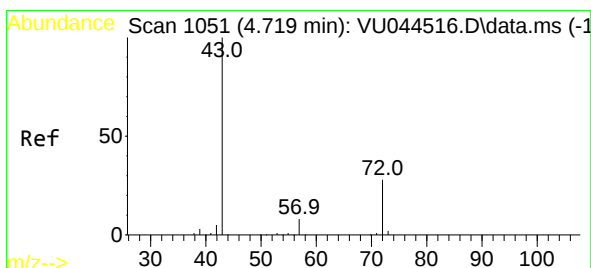
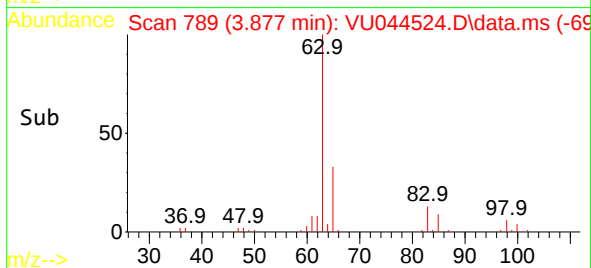
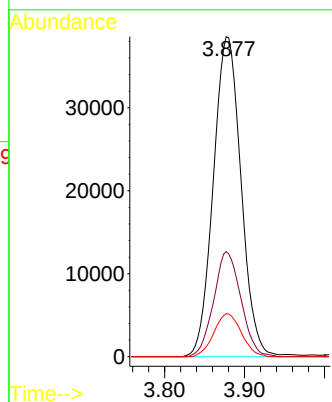
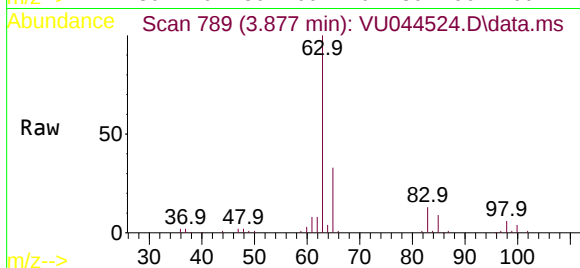
Instrument :

MSVOA_U

ClientSampleId :

VSTD005095

Tgt Ion:	63	Resp:	92509
Ion	Ratio	Lower	Upper
63	100		
65	32.8	23.4	43.6
83	13.4	9.0	16.6



#21

2-Butanone

Concen: 35.525 ug/L

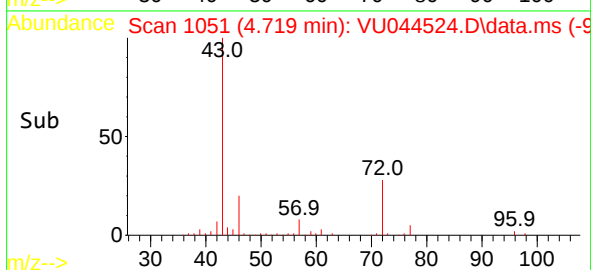
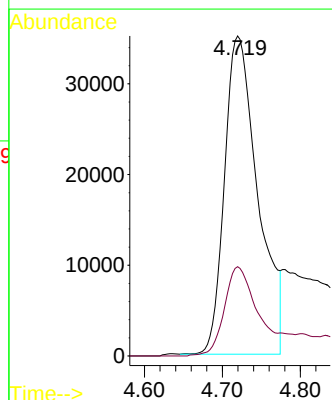
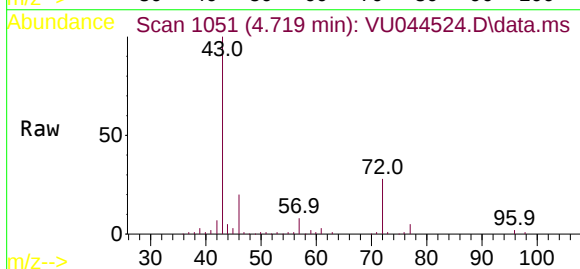
RT: 4.719 min Scan# 1051

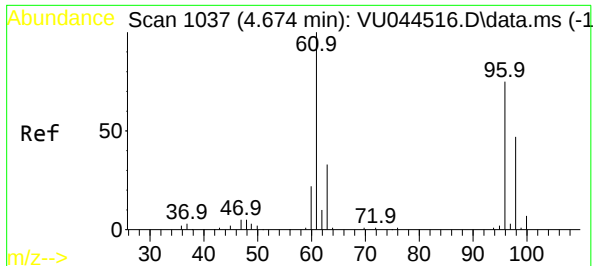
Delta R.T. 0.000 min

Lab File: VU044524.D

Acq: 24 Aug 2021 15:35

Tgt Ion:	43	Resp:	104788
Ion	Ratio	Lower	Upper
43	100		
72	30.6	14.1	42.4

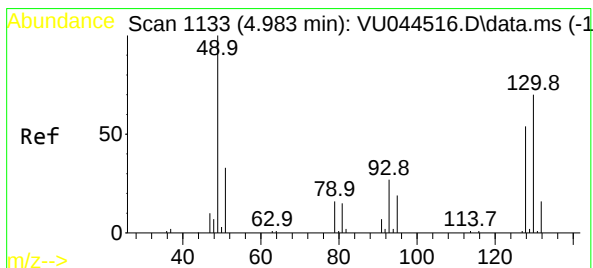
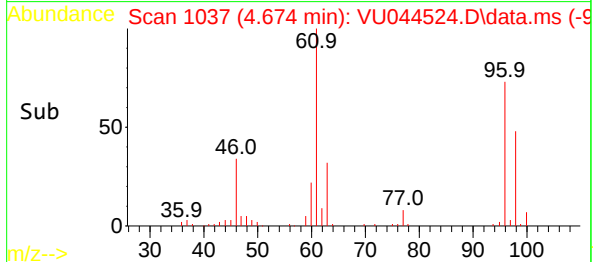
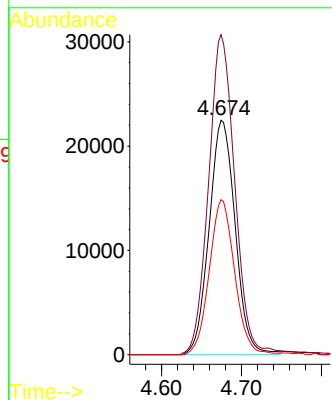
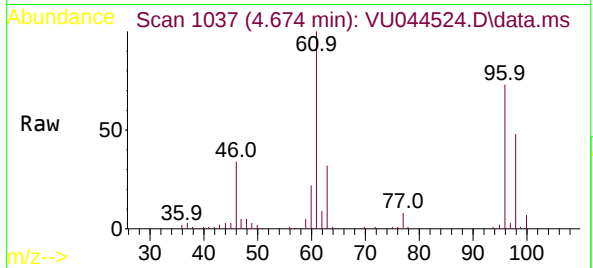




#22
cis-1,2-Dichloroethene
Concen: 5.342 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VU044524.D
Acq: 24 Aug 2021 15:35

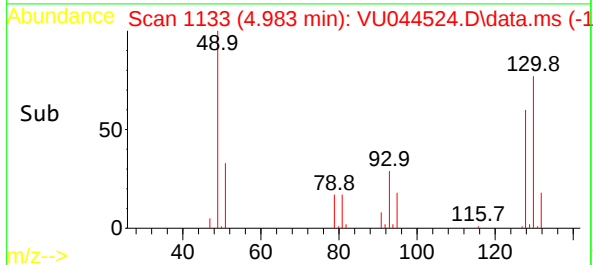
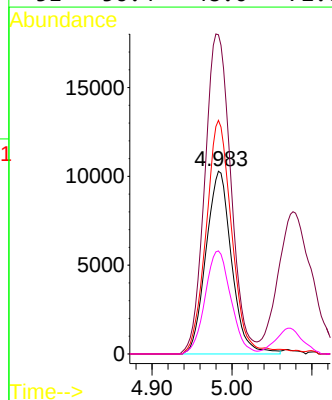
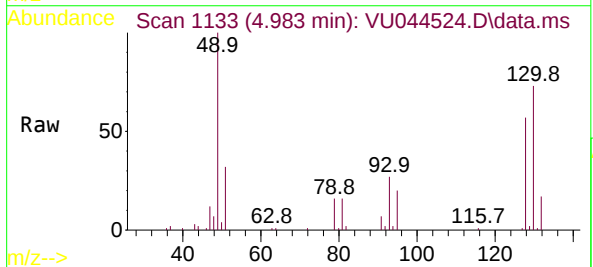
Instrument :
MSVOA_U
ClientSampleId :
VSTD005095

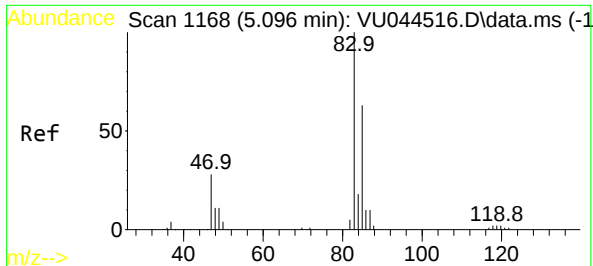
Tgt Ion:	96	Resp:	50967
Ion	Ratio	Lower	Upper
96	100		
61	136.6	93.9	174.5
98	66.2	44.7	83.1



#23
Bromochloromethane
Concen: 5.433 ug/L
RT: 4.983 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VU044524.D
Acq: 24 Aug 2021 15:35

Tgt Ion:	128	Resp:	22854
Ion	Ratio	Lower	Upper
128	100		
49	174.7	128.1	237.9
130	127.9	89.2	165.8
51	56.4	48.0	72.0



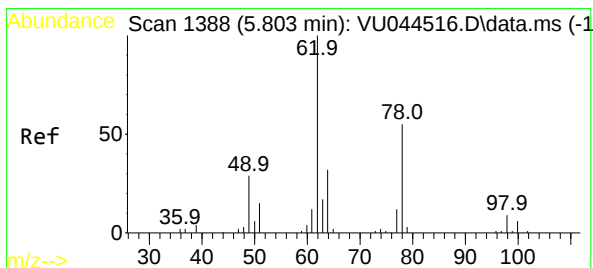
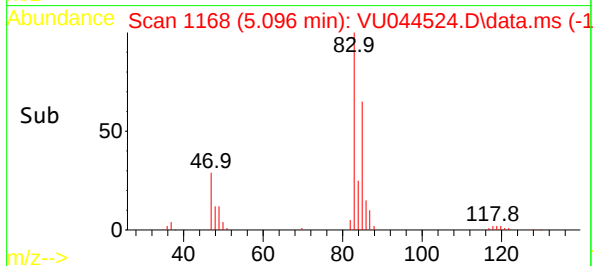
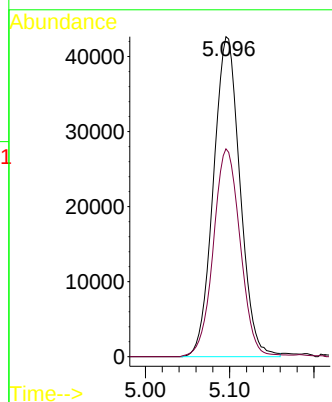
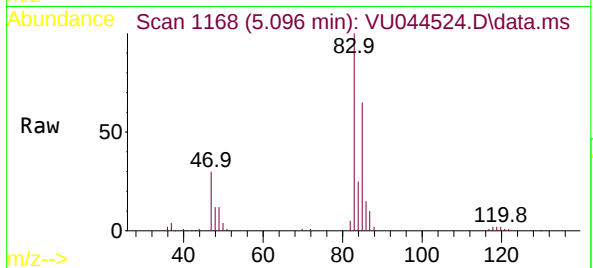


#25

Chloroform
Concen: 5.266 ug/L
RT: 5.096 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VU044524.D
Acq: 24 Aug 2021 15:35

Instrument :
MSVOA_U
ClientSampleId :
VSTD005095

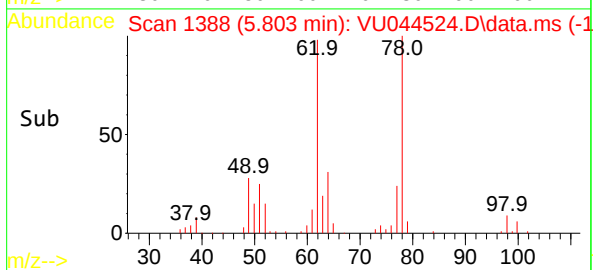
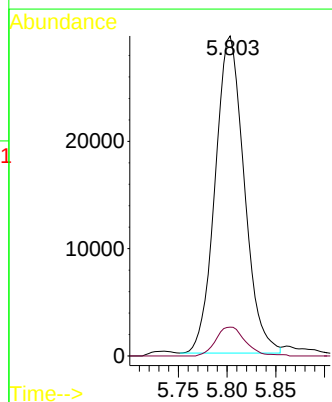
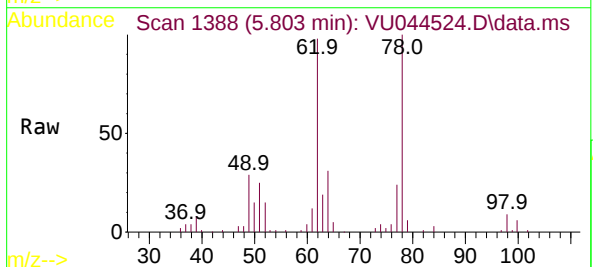
Tgt Ion: 83 Resp: 93461
Ion Ratio Lower Upper
83 100
85 64.9 45.3 84.1

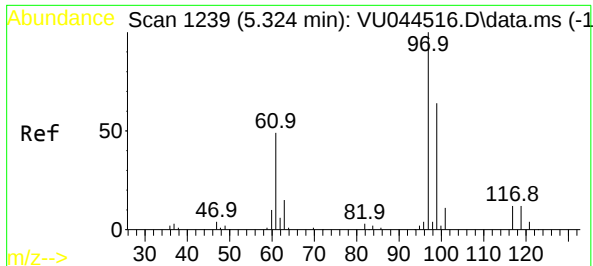


#27

1,2-Dichloroethane
Concen: 5.179 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VU044524.D
Acq: 24 Aug 2021 15:35

Tgt Ion: 62 Resp: 61321
Ion Ratio Lower Upper
62 100
98 9.0 8.0 12.0

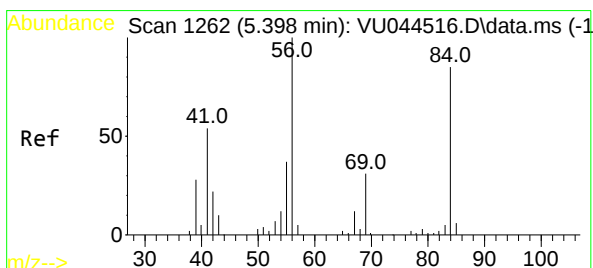
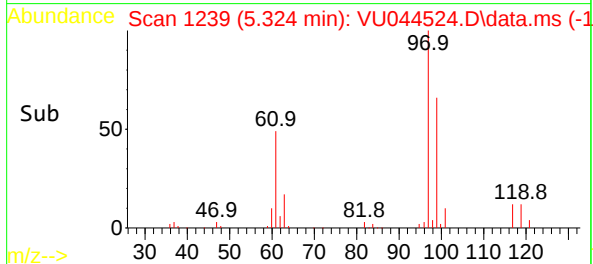
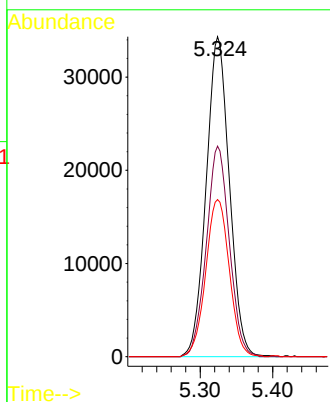
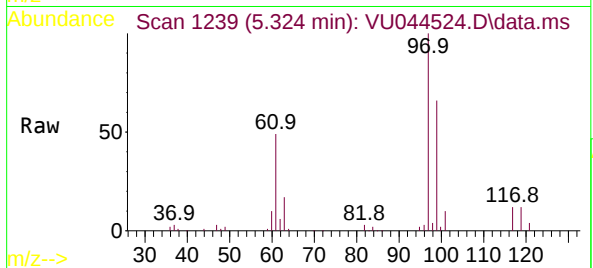




#29
1,1,1-Trichloroethane
Concen: 5.407 ug/L
RT: 5.324 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VU044524.D
Acq: 24 Aug 2021 15:35

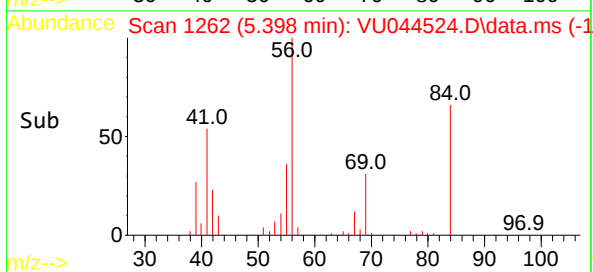
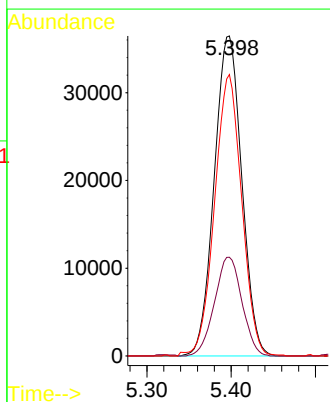
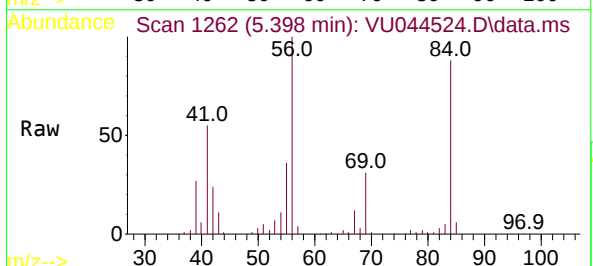
Instrument :
MSVOA_U
ClientSampleId :
VSTD005095

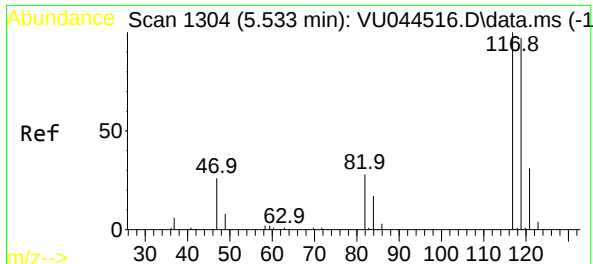
Tgt Ion:	97	Resp:	76232
Ion	Ratio	Lower	Upper
97	100		
99	65.2	52.5	78.7
61	50.0	39.2	58.8



#30
Cyclohexane
Concen: 5.306 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. 0.000 min
Lab File: VU044524.D
Acq: 24 Aug 2021 15:35

Tgt Ion:	56	Resp:	82687
Ion	Ratio	Lower	Upper
56	100		
69	30.7	24.3	36.5
84	86.7	68.4	102.6

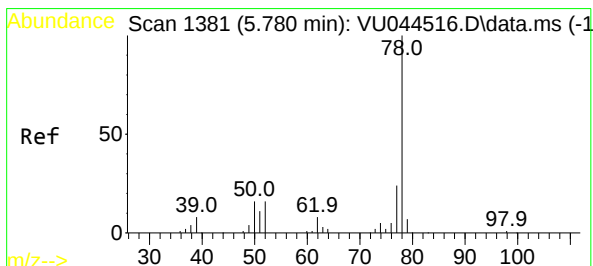
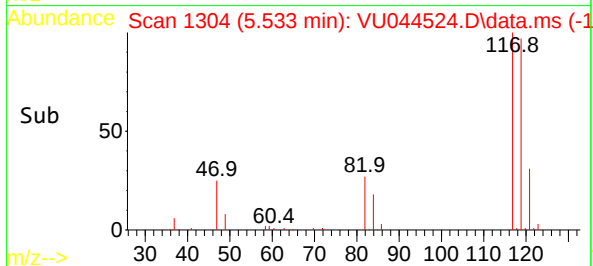
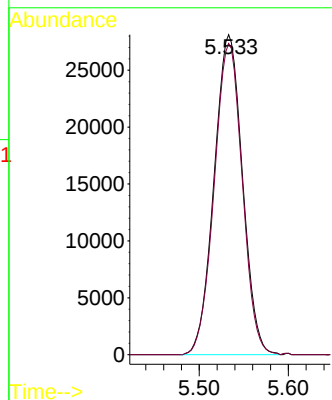
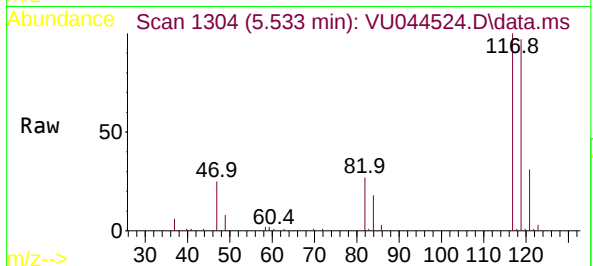




#31
Carbon tetrachloride
Concen: 5.377 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VU044524.D
Acq: 24 Aug 2021 15:35

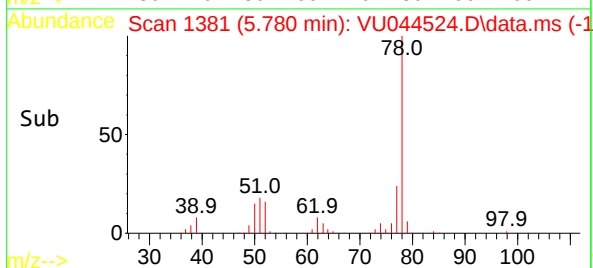
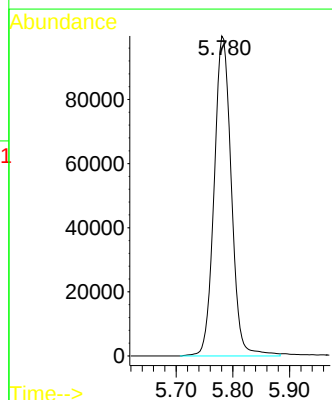
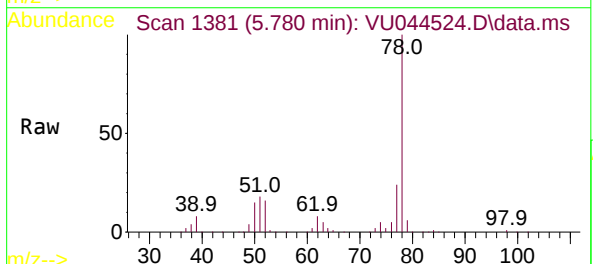
Instrument :
MSVOA_U
ClientSampleId :
VSTD005095

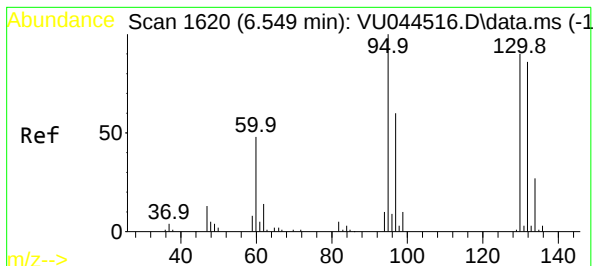
Tgt Ion:117 Resp: 62293
Ion Ratio Lower Upper
117 100
119 96.0 76.6 114.8



#33
Benzene
Concen: 5.497 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VU044524.D
Acq: 24 Aug 2021 15:35

Tgt Ion: 78 Resp: 210084



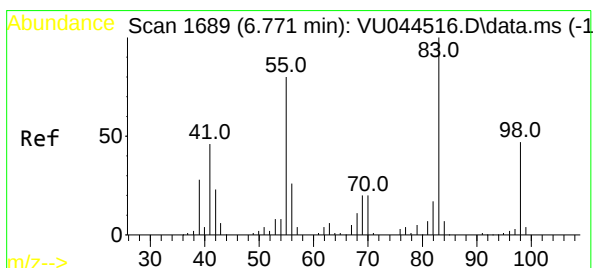
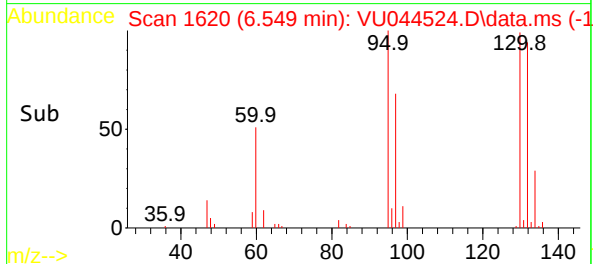
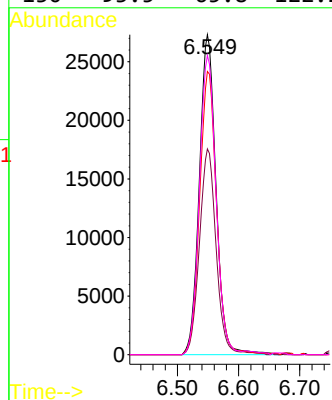
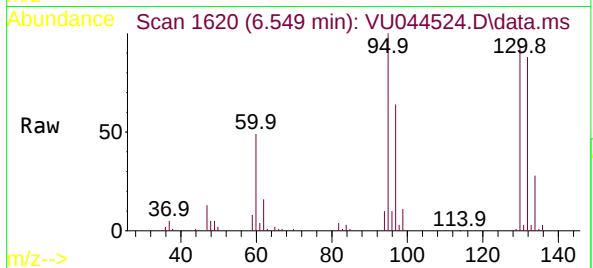


#34
Trichloroethene
Concen: 5.487 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VU044524.D
Acq: 24 Aug 2021 15:35

Instrument :
MSVOA_U
ClientSampleId :
VSTD005095

Tgt Ion: 95 Resp: 51845

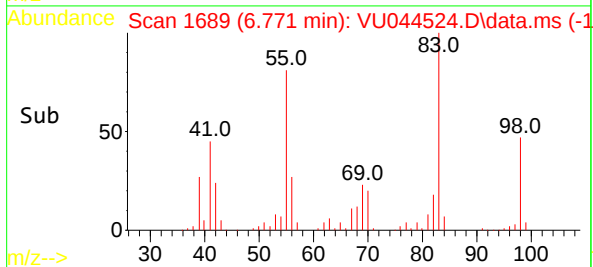
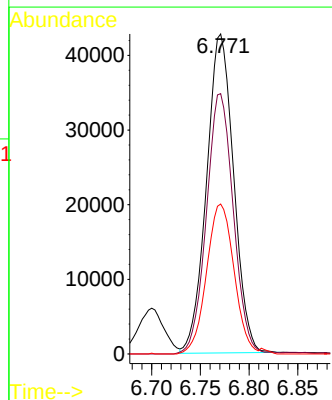
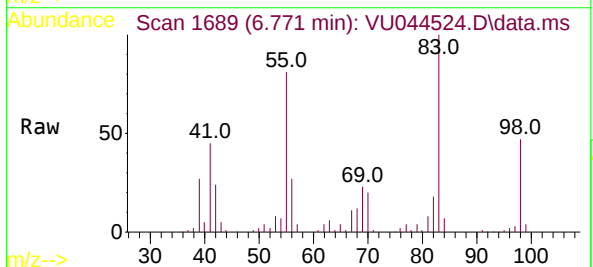
Ion	Ratio	Lower	Upper
95	100		
97	64.3	45.6	84.8
132	88.5	63.4	117.8
130	93.5	65.8	122.2

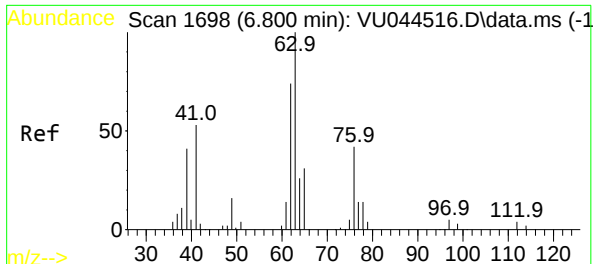


#35
Methylcyclohexane
Concen: 5.259 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VU044524.D
Acq: 24 Aug 2021 15:35

Tgt Ion: 83 Resp: 82876

Ion	Ratio	Lower	Upper
83	100		
55	81.1	64.8	97.2
98	47.5	37.5	56.3

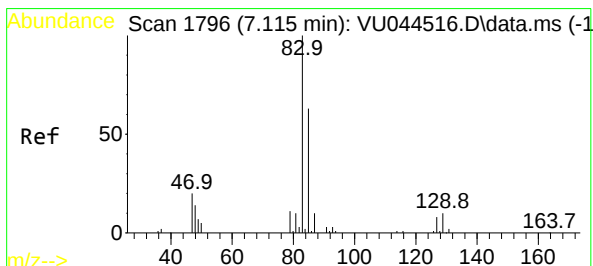
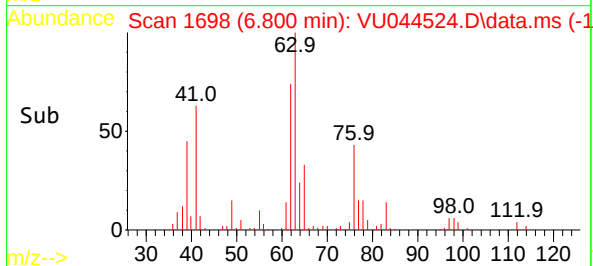
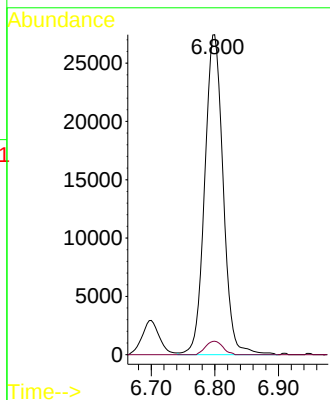
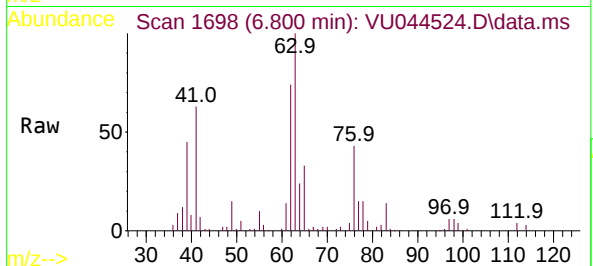




#37
1,2-Dichloropropane
Concen: 5.522 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VU044524.D
Acq: 24 Aug 2021 15:35

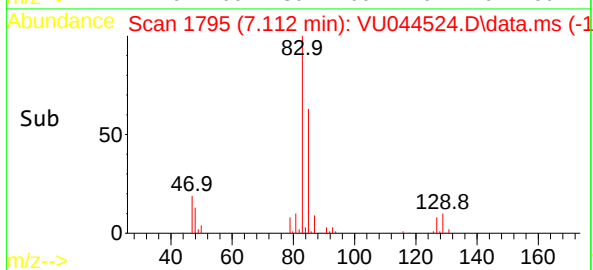
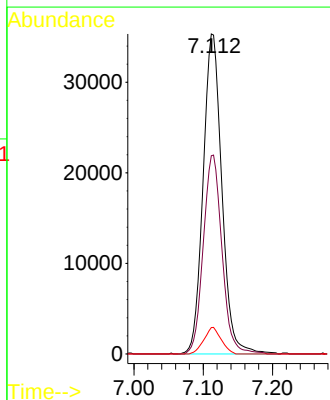
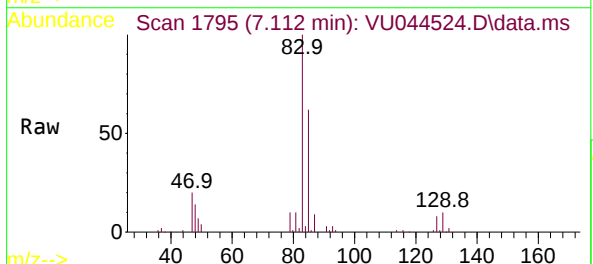
Instrument :
MSVOA_U
ClientSampleId :
VSTD005095

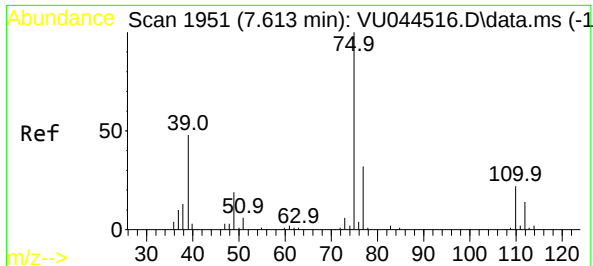
Tgt Ion: 63 Resp: 55256
Ion Ratio Lower Upper
63 100
112 3.9 3.3 4.9



#38
Bromodichloromethane
Concen: 5.404 ug/L
RT: 7.112 min Scan# 1795
Delta R.T. -0.003 min
Lab File: VU044524.D
Acq: 24 Aug 2021 15:35

Tgt Ion: 83 Resp: 66404
Ion Ratio Lower Upper
83 100
85 62.0 44.6 82.8
127 8.3 5.9 8.9

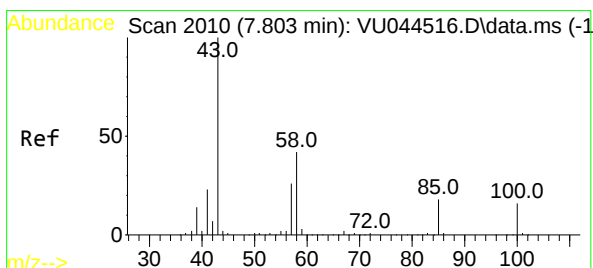
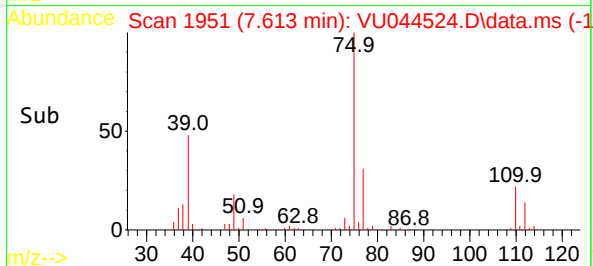
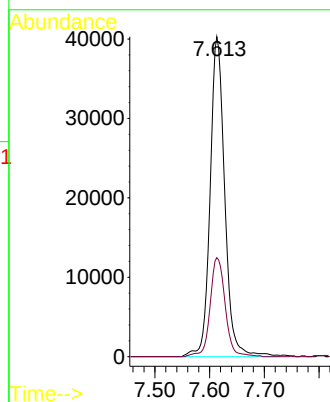
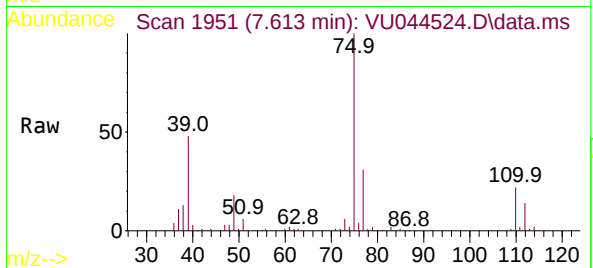




#39
 cis-1,3-Dichloropropene
 Concen: 5.340 ug/L
 RT: 7.613 min Scan# 1951
 Delta R.T. 0.000 min
 Lab File: VU044524.D
 Acq: 24 Aug 2021 15:35

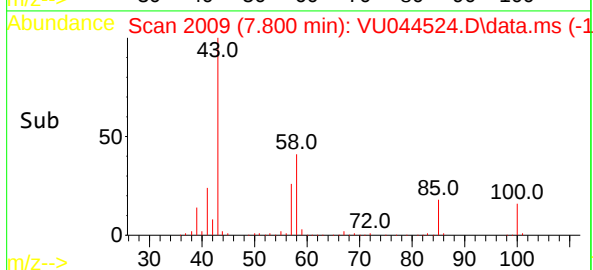
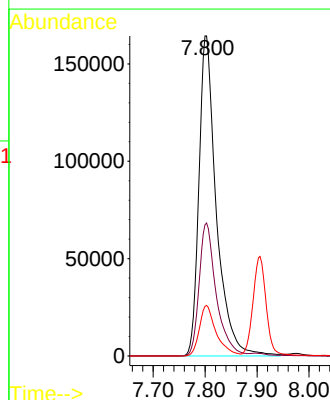
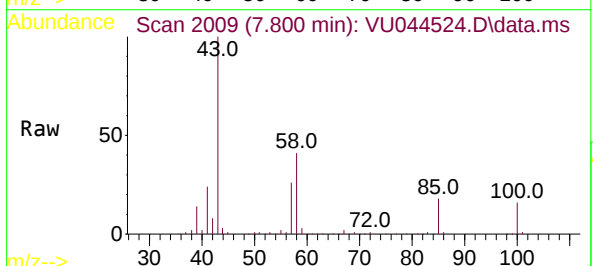
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005095

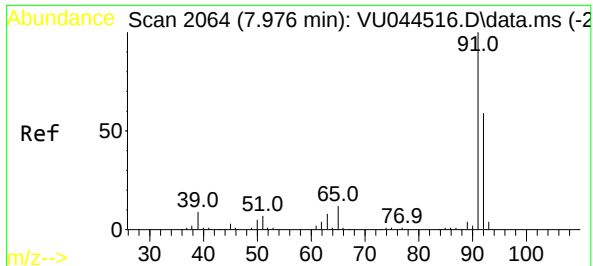
Tgt Ion: 75 Resp: 74941
 Ion Ratio Lower Upper
 75 100
 77 30.9 22.2 41.2



#40
 4-Methyl-2-pentanone
 Concen: 56.334 ug/L
 RT: 7.800 min Scan# 2009
 Delta R.T. -0.003 min
 Lab File: VU044524.D
 Acq: 24 Aug 2021 15:35

Tgt Ion: 43 Resp: 382777
 Ion Ratio Lower Upper
 43 100
 58 40.8 32.5 48.7
 100 15.3 12.3 18.5

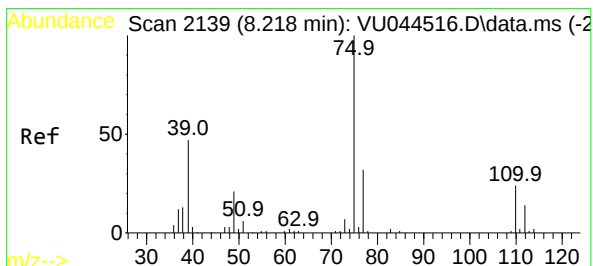
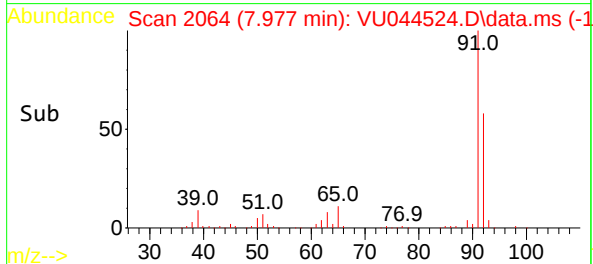
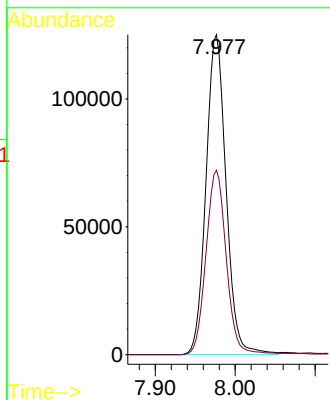
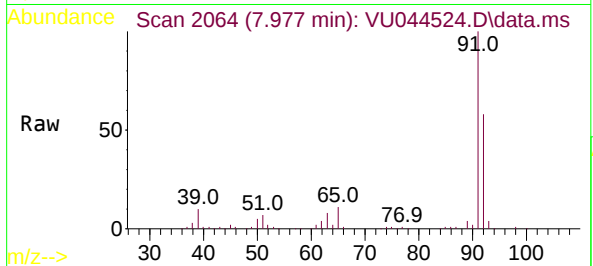




#42
Toluene
Concen: 5.487 ug/L
RT: 7.977 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU044524.D
Acq: 24 Aug 2021 15:35

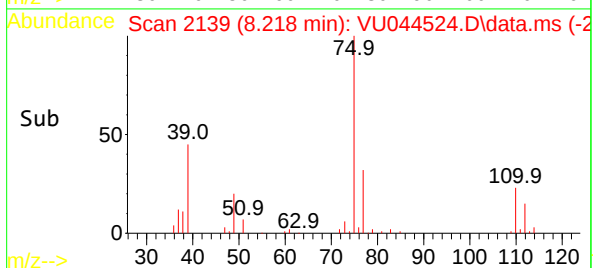
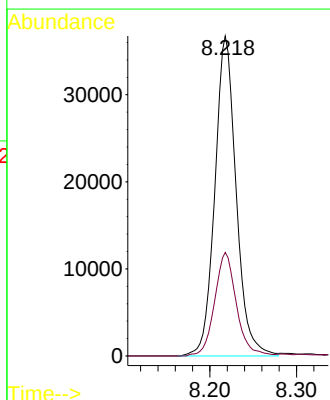
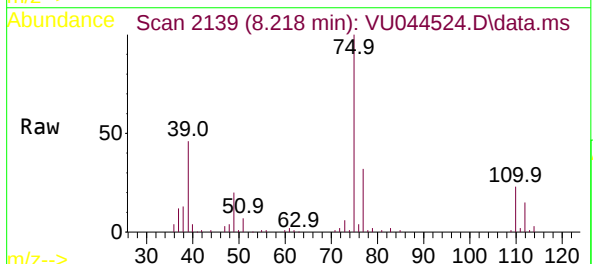
Instrument :
MSVOA_U
ClientSampleId :
VSTD005095

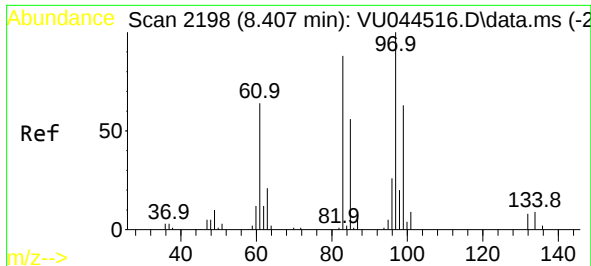
Tgt Ion: 91 Resp: 218453
Ion Ratio Lower Upper
91 100
92 57.7 40.7 75.5



#44
trans-1,3-Dichloropropene
Concen: 5.278 ug/L
RT: 8.218 min Scan# 2139
Delta R.T. 0.000 min
Lab File: VU044524.D
Acq: 24 Aug 2021 15:35

Tgt Ion: 75 Resp: 62783
Ion Ratio Lower Upper
75 100
77 32.3 21.6 40.2



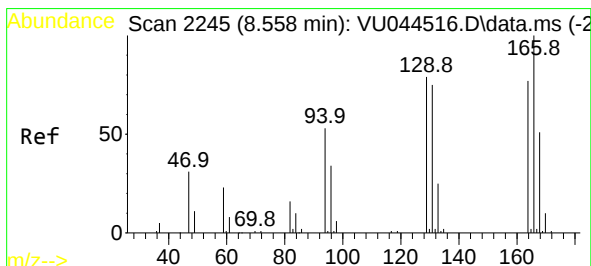
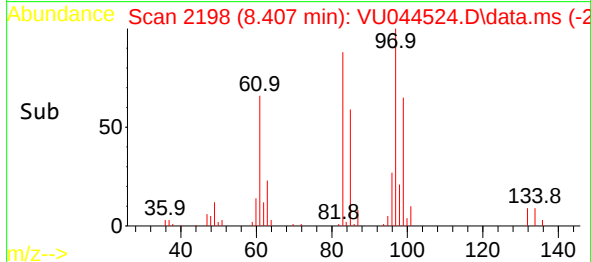
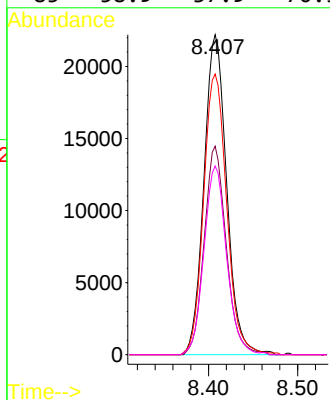
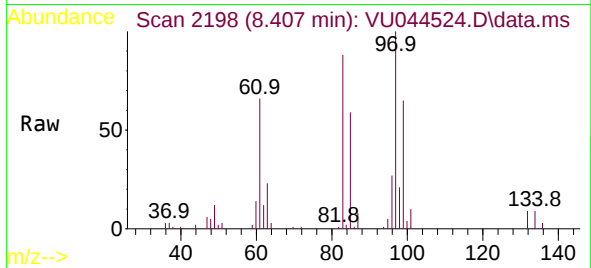


#45
1,1,2-Trichloroethane
Concen: 5.510 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. 0.000 min
Lab File: VU044524.D
Acq: 24 Aug 2021 15:35

Instrument :
MSVOA_U
ClientSampleId :
VSTD005095

Tgt Ion: 97 Resp: 39322

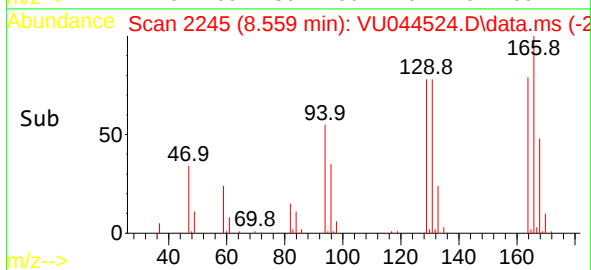
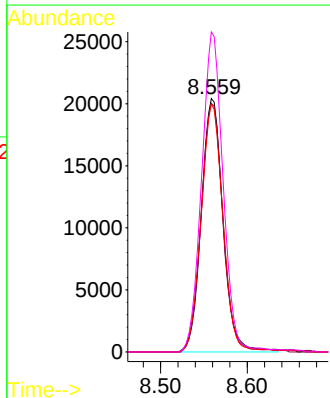
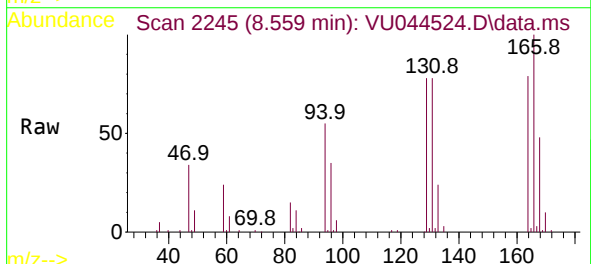
Ion	Ratio	Lower	Upper
97	100		
99	65.1	41.3	76.7
83	87.7	58.6	108.8
85	58.9	37.9	70.5

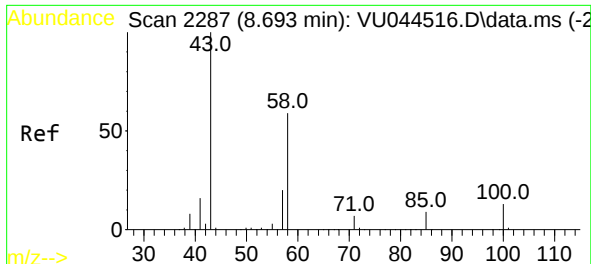


#47
Tetrachloroethene
Concen: 5.418 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU044524.D
Acq: 24 Aug 2021 15:35

Tgt Ion: 164 Resp: 35398

Ion	Ratio	Lower	Upper
164	100		
129	98.2	71.0	131.8
131	97.9	68.0	126.4
166	126.3	89.0	165.4



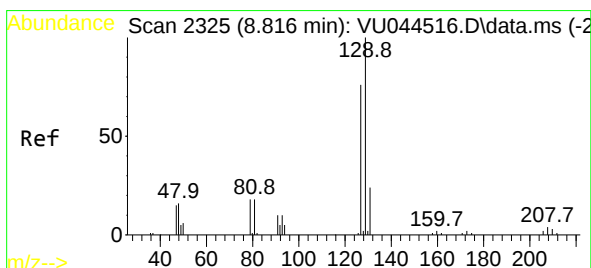
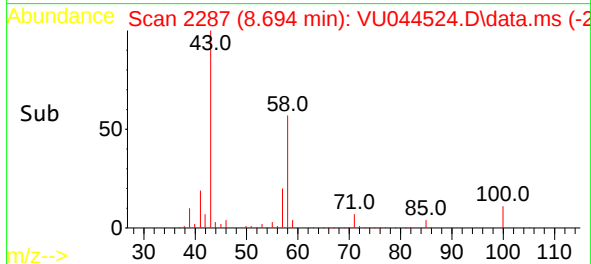
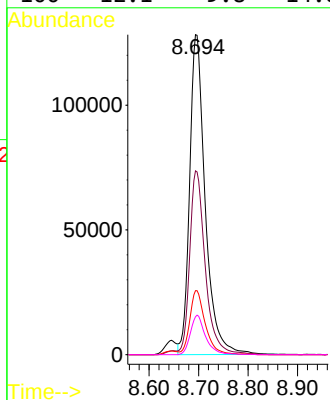
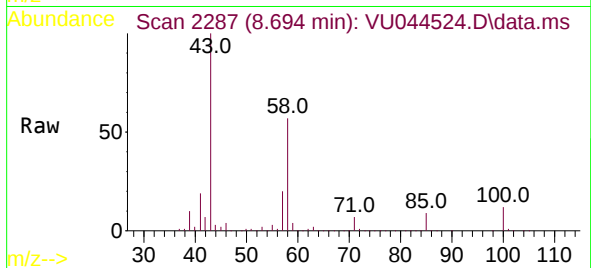


#48
2-Hexanone
Concen: 58.118 ug/L
RT: 8.694 min Scan# 2287
Delta R.T. 0.000 min
Lab File: VU044524.D
Acq: 24 Aug 2021 15:35

Instrument :
MSVOA_U
ClientSampleId :
VSTD005095

Tgt Ion: 43 Resp: 281779

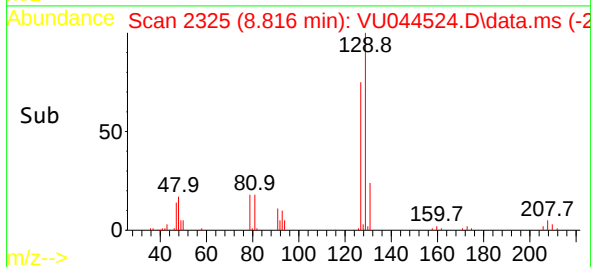
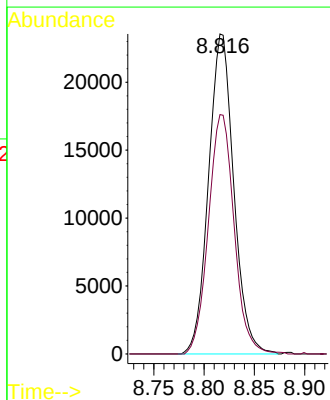
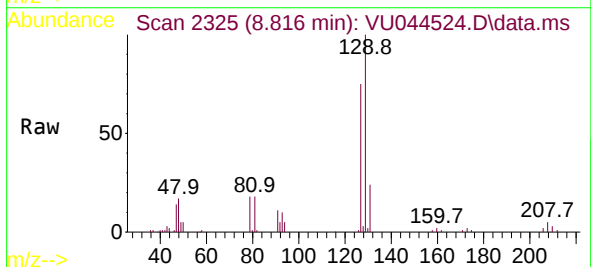
Ion	Ratio	Lower	Upper
43	100		
58	57.4	46.5	69.7
57	19.5	15.8	23.8
100	12.1	9.8	14.8

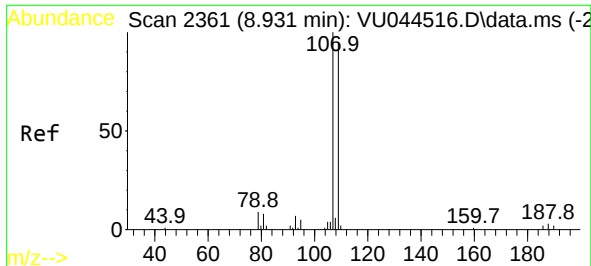


#49
Dibromochloromethane
Concen: 5.436 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. 0.000 min
Lab File: VU044524.D
Acq: 24 Aug 2021 15:35

Tgt Ion: 129 Resp: 41054

Ion	Ratio	Lower	Upper
129	100		
127	74.8	54.7	101.7





#50

1,2-Dibromoethane

Concen: 5.466 ug/L

RT: 8.931 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VU044524.D

Acq: 24 Aug 2021 15:35

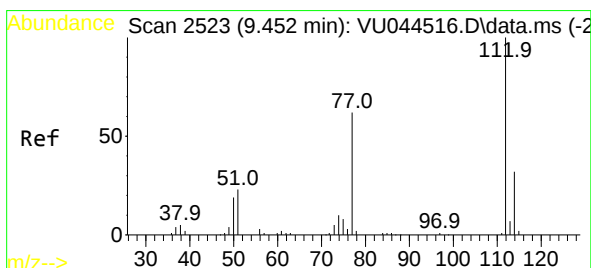
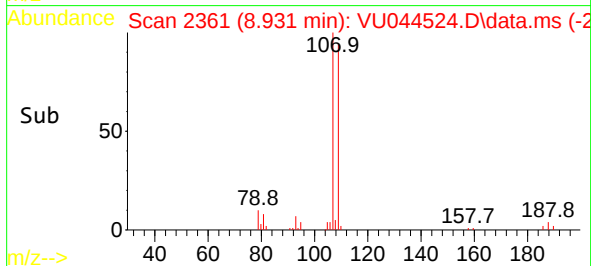
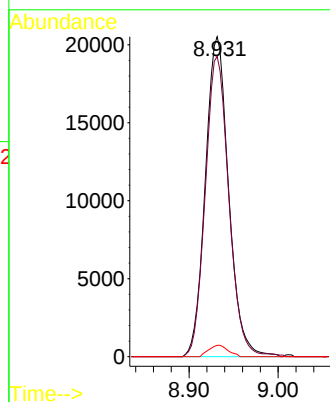
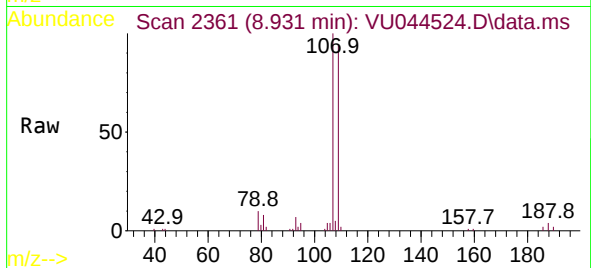
Instrument :

MSVOA_U

ClientSampleId :

VSTD005095

Tgt Ion:	107	Resp:	37314
Ion	Ratio	Lower	Upper
107	100		
109	93.8	65.2	121.0
188	3.6	2.4	3.6



#51

Chlorobenzene

Concen: 5.432 ug/L

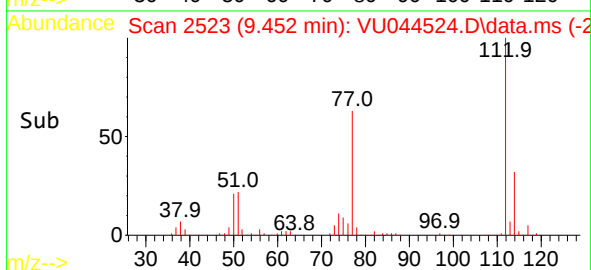
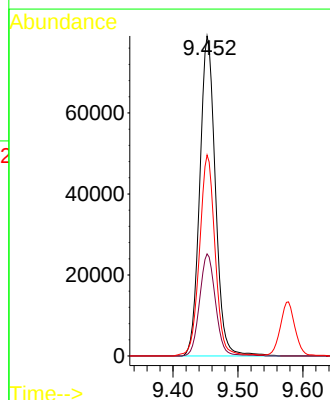
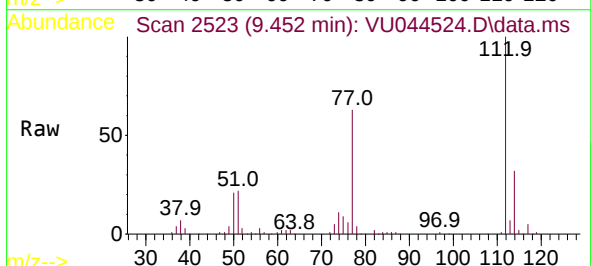
RT: 9.452 min Scan# 2523

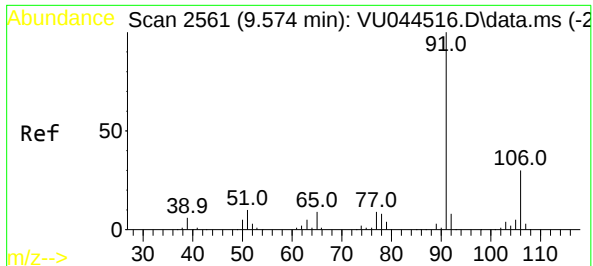
Delta R.T. 0.000 min

Lab File: VU044524.D

Acq: 24 Aug 2021 15:35

Tgt Ion:	112	Resp:	132710
Ion	Ratio	Lower	Upper
112	100		
114	31.9	22.7	42.1
77	62.8	51.3	76.9

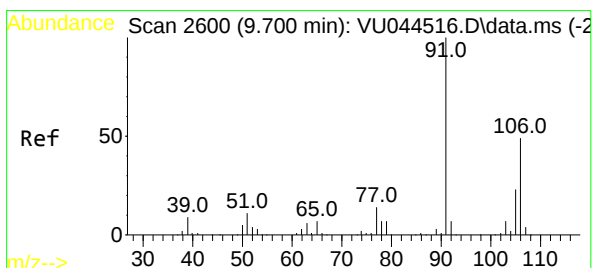
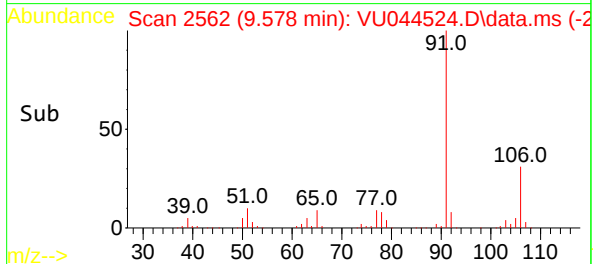
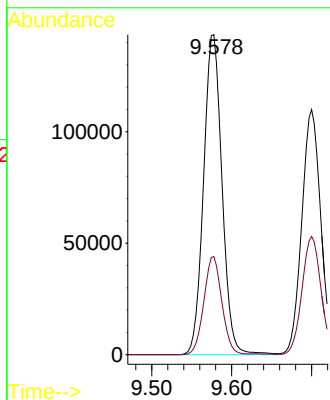
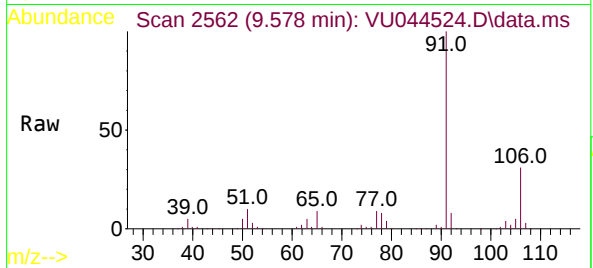




#52
Ethylbenzene
Concen: 5.488 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. 0.003 min
Lab File: VU044524.D
Acq: 24 Aug 2021 15:35

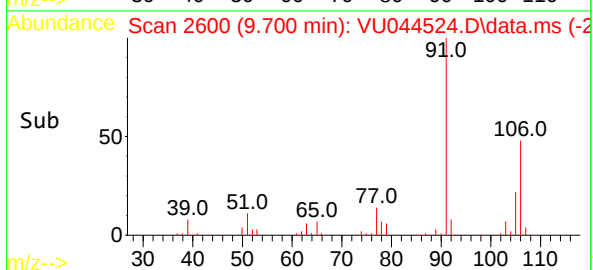
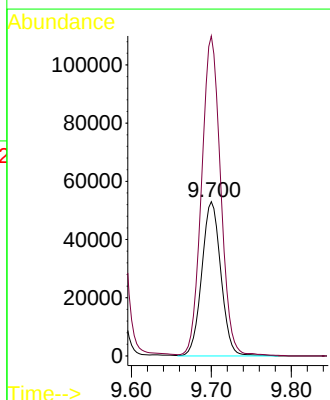
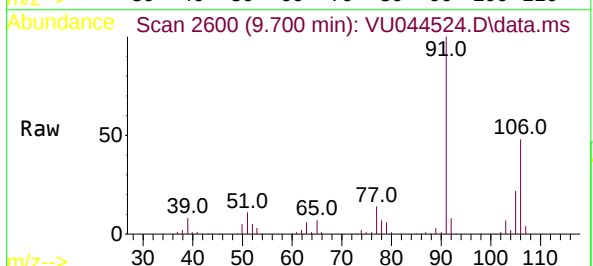
Instrument :
MSVOA_U
ClientSampleId :
VSTD005095

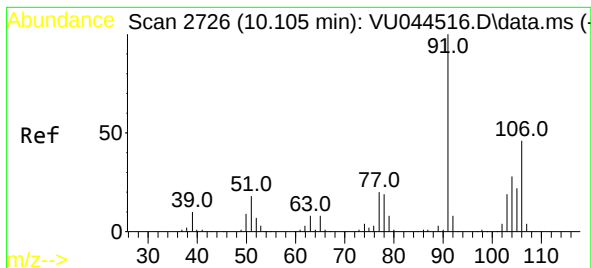
Tgt Ion: 91 Resp: 230780
Ion Ratio Lower Upper
91 100
106 30.6 21.3 39.6



#53
m,p-Xylene
Concen: 5.579 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. 0.000 min
Lab File: VU044524.D
Acq: 24 Aug 2021 15:35

Tgt Ion: 106 Resp: 88210
Ion Ratio Lower Upper
106 100
91 207.4 146.2 271.6

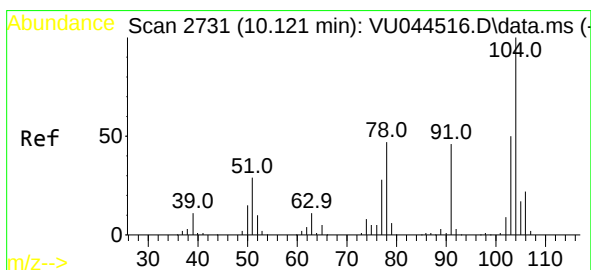
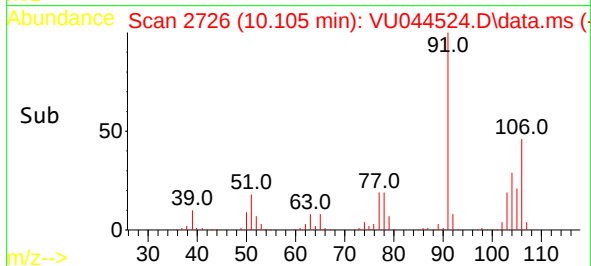
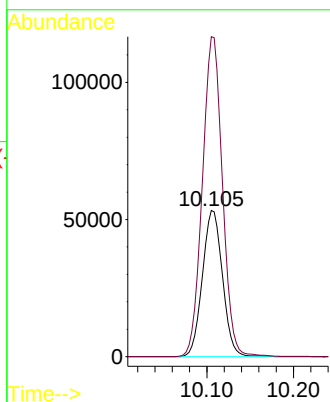
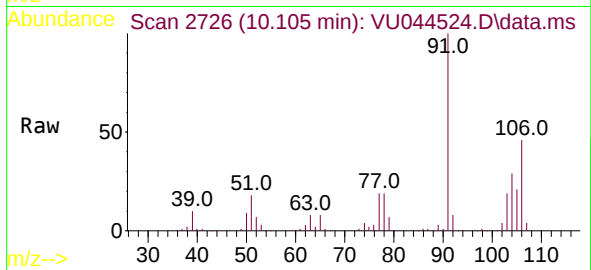




#54
o-Xylene
Concen: 5.576 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. 0.000 min
Lab File: VU044524.D
Acq: 24 Aug 2021 15:35

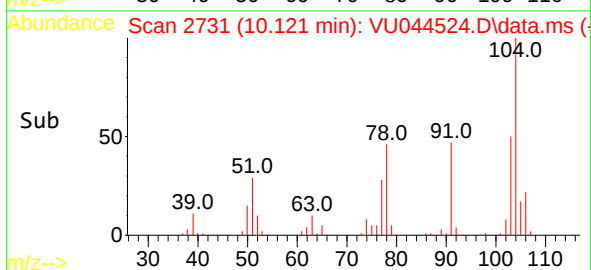
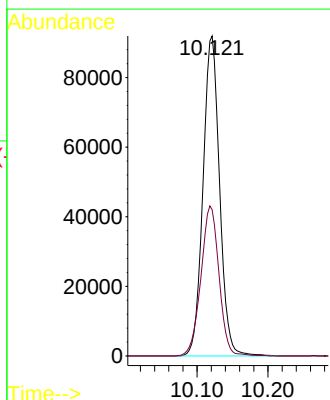
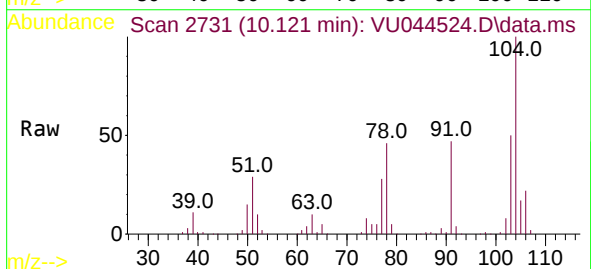
Instrument :
MSVOA_U
ClientSampleId :
VSTD005095

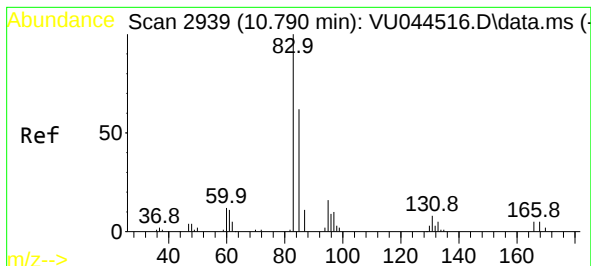
Tgt Ion:106 Resp: 85866
Ion Ratio Lower Upper
106 100
91 218.9 154.4 286.8



#55
Styrene
Concen: 5.920 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. 0.000 min
Lab File: VU044524.D
Acq: 24 Aug 2021 15:35

Tgt Ion:104 Resp: 149480
Ion Ratio Lower Upper
104 100
78 45.7 32.6 60.5



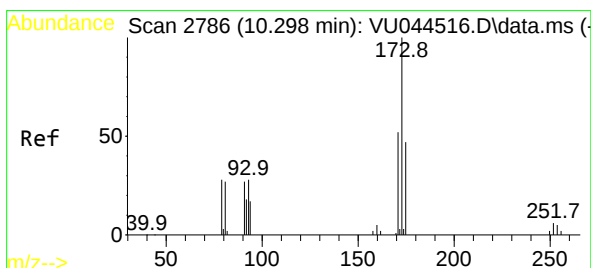
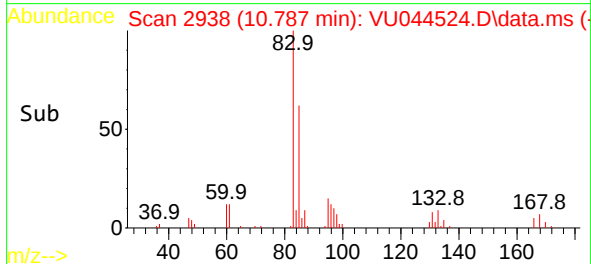
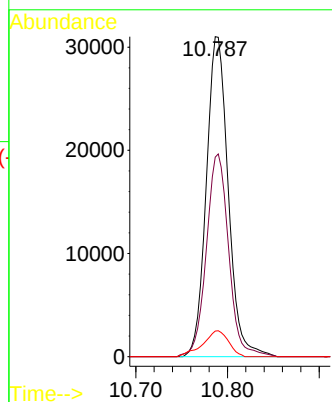
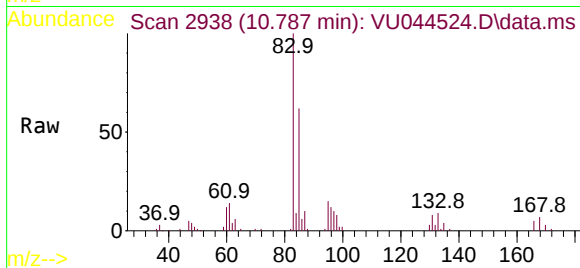


#57

1,1,2,2-Tetrachloroethane
Concen: 5.484 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. -0.003 min
Lab File: VU044524.D
Acq: 24 Aug 2021 15:35

Instrument :
MSVOA_U
ClientSampleId :
VSTD005095

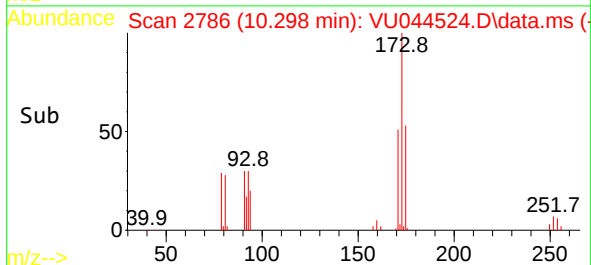
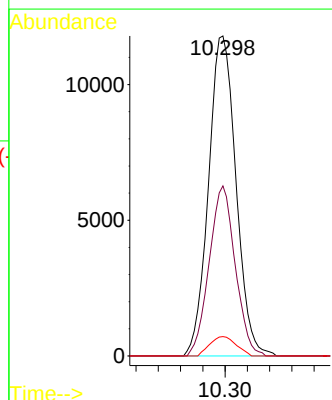
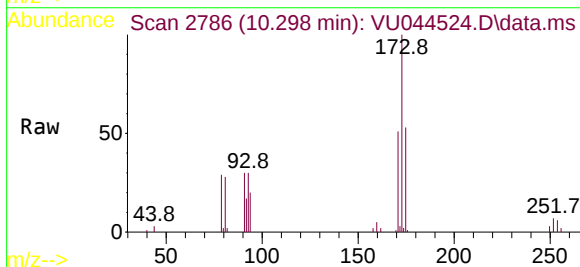
Tgt Ion:	83	Resp:	51532
Ion Ratio	Lower	Upper	
83	100		
85	62.4	44.2	82.2
131	8.0	6.9	10.3

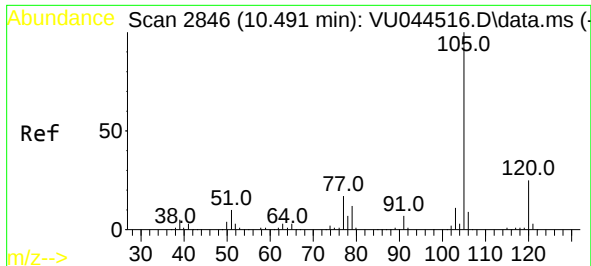


#59

Bromoform
Concen: 4.945 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VU044524.D
Acq: 24 Aug 2021 15:35

Tgt Ion:	173	Resp:	20204
Ion Ratio	Lower	Upper	
173	100		
175	50.2	38.0	57.0
254	5.8	4.3	6.5

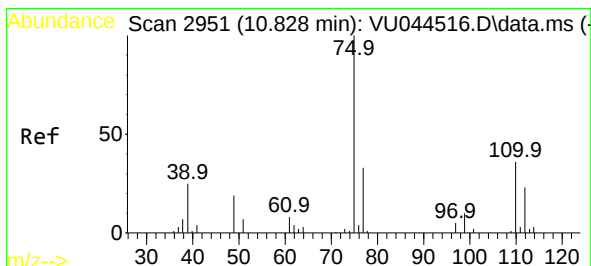
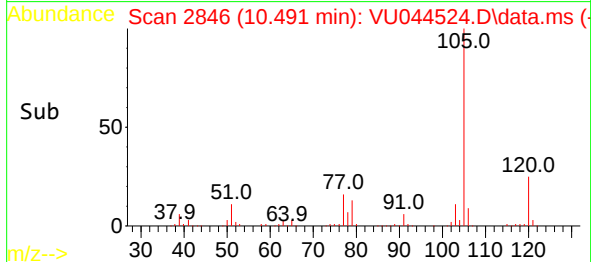
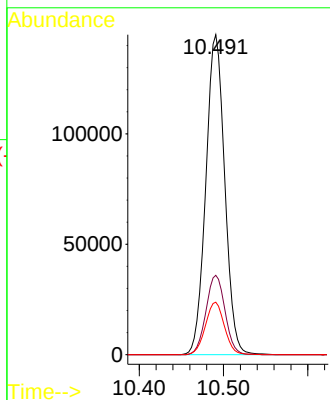
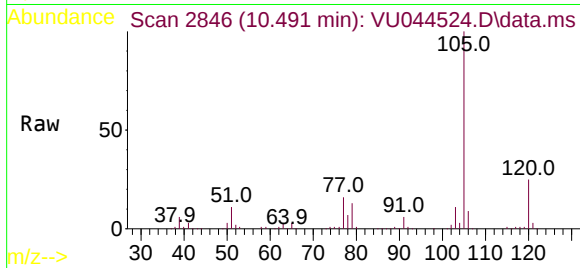




#60
Isopropylbenzene
Concen: 5.352 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. 0.000 min
Lab File: VU044524.D
Acq: 24 Aug 2021 15:35

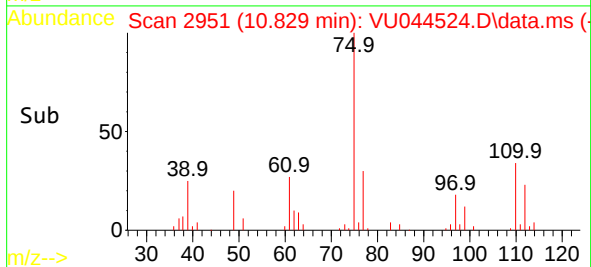
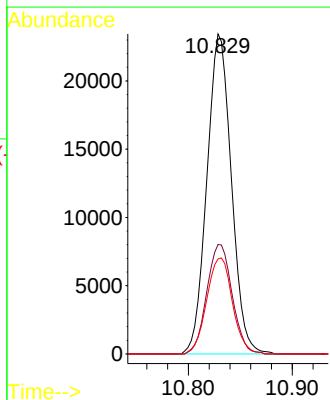
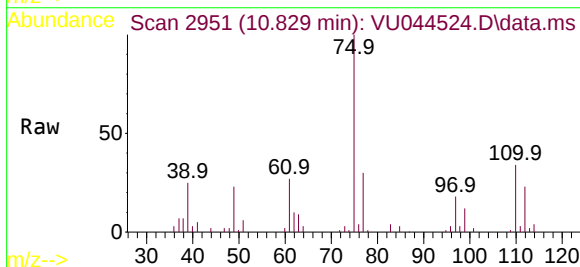
Instrument :
MSVOA_U
ClientSampleId :
VSTD005095

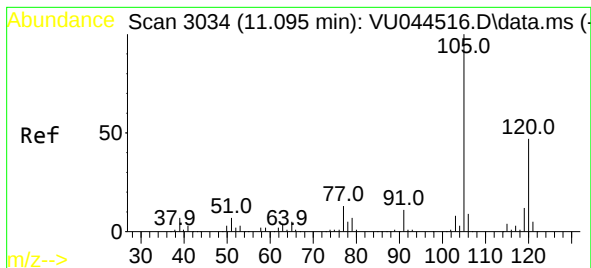
Tgt Ion:105 Resp: 225874
Ion Ratio Lower Upper
105 100
120 25.1 20.1 30.1
77 16.6 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 5.310 ug/L
RT: 10.829 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU044524.D
Acq: 24 Aug 2021 15:35

Tgt Ion: 75 Resp: 38374
Ion Ratio Lower Upper
75 100
110 35.3 28.4 42.6
77 31.6 26.5 39.7

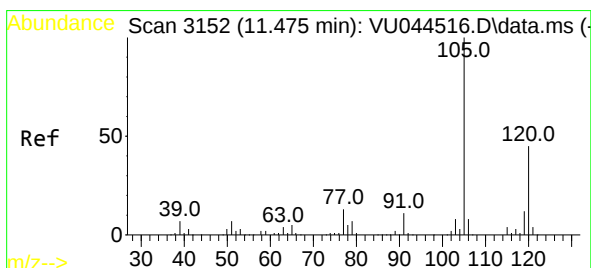
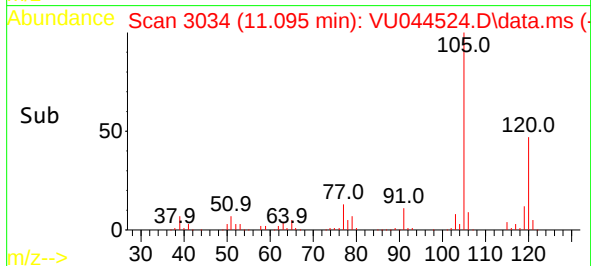
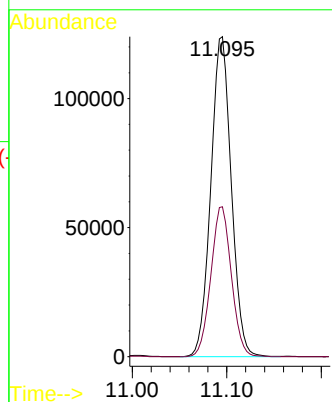
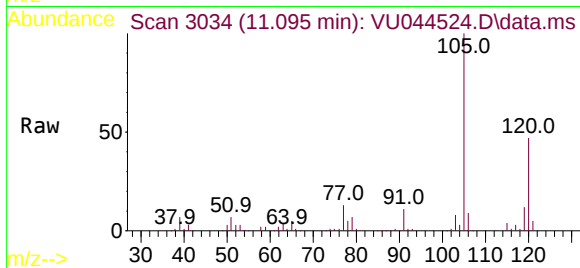




#62
1,3,5-Trimethylbenzene
Concen: 5.401 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU044524.D
Acq: 24 Aug 2021 15:35

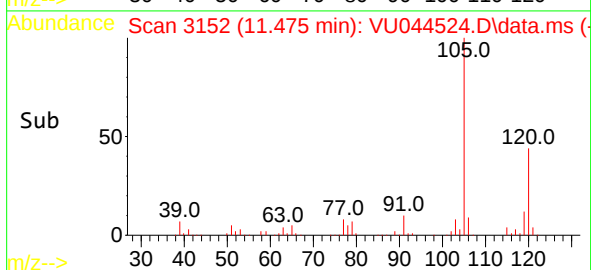
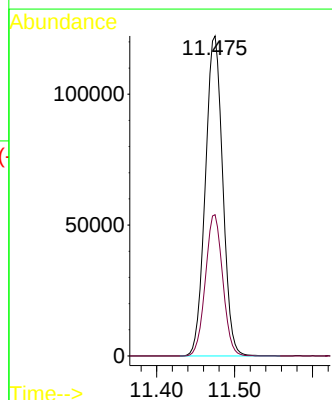
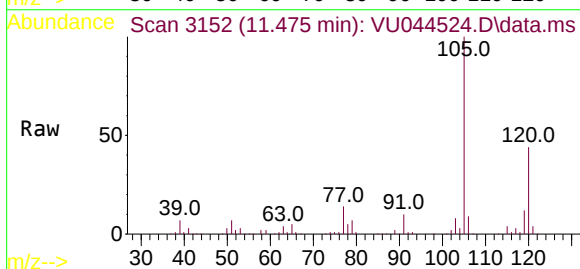
Instrument :
MSVOA_U
ClientSampleId :
VSTD005095

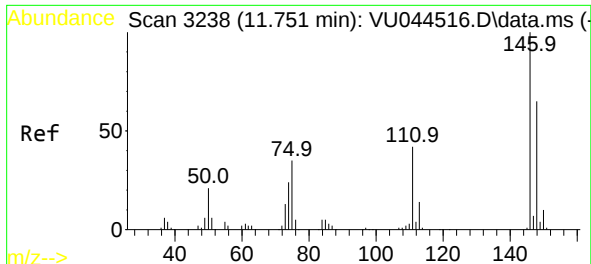
Tgt Ion:105 Resp: 186387
Ion Ratio Lower Upper
105 100
120 46.9 37.8 56.6



#63
1,2,4-Trimethylbenzene
Concen: 5.355 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VU044524.D
Acq: 24 Aug 2021 15:35

Tgt Ion:105 Resp: 189507
Ion Ratio Lower Upper
105 100
120 43.9 35.2 52.8

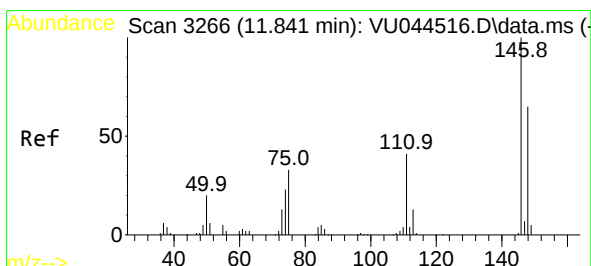
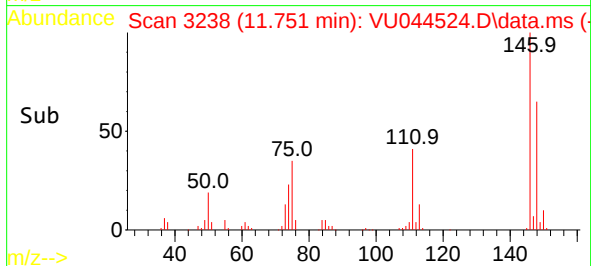
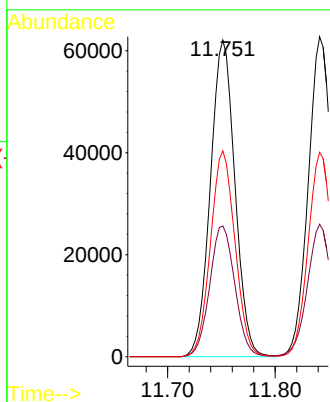
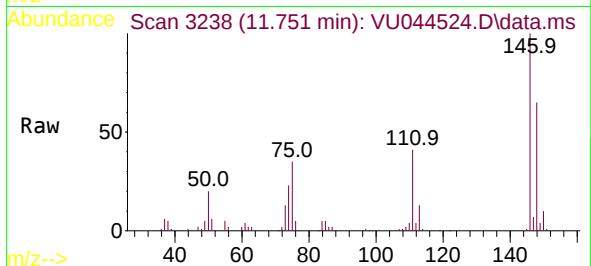




#64
1,3-Dichlorobenzene
Concen: 5.311 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. 0.000 min
Lab File: VU044524.D
Acq: 24 Aug 2021 15:35

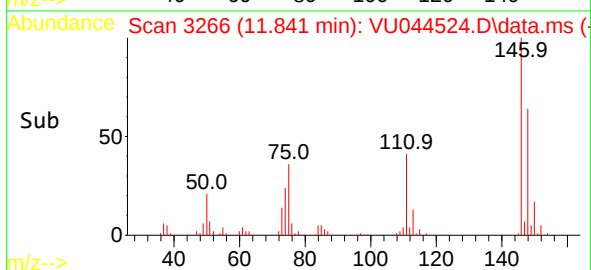
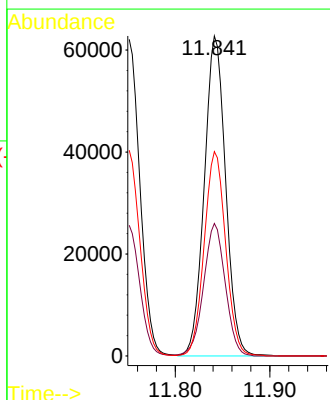
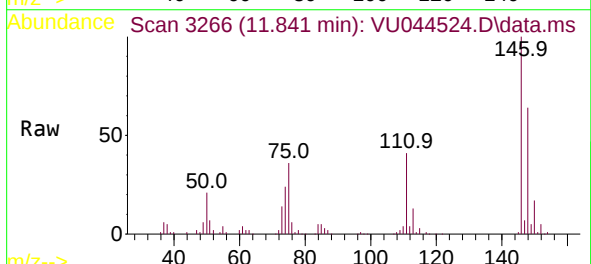
Instrument :
MSVOA_U
ClientSampleId :
VSTD005095

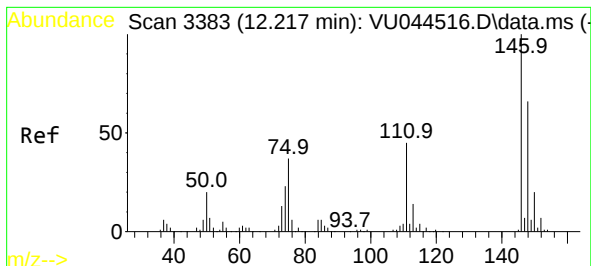
Tgt Ion:146 Resp: 98424
Ion Ratio Lower Upper
146 100
111 41.3 29.6 55.0
148 65.0 44.7 83.1



#65
1,4-Dichlorobenzene
Concen: 5.262 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. 0.000 min
Lab File: VU044524.D
Acq: 24 Aug 2021 15:35

Tgt Ion:146 Resp: 98519
Ion Ratio Lower Upper
146 100
111 41.4 28.8 53.4
148 63.8 43.6 81.0

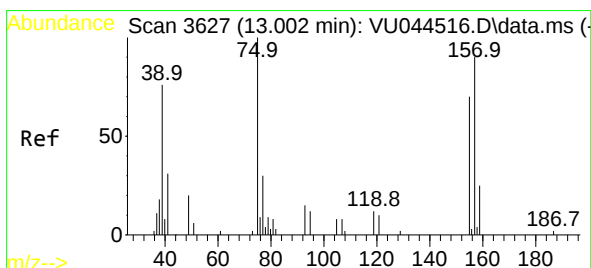
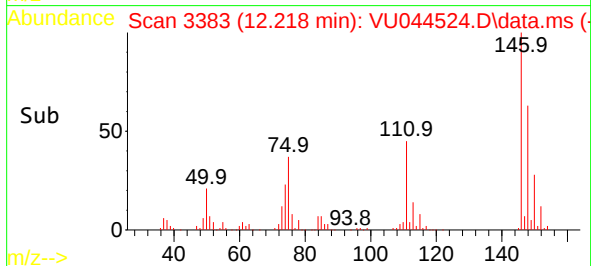
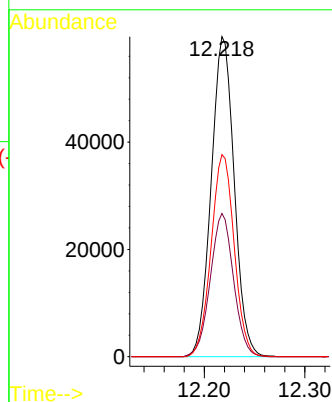
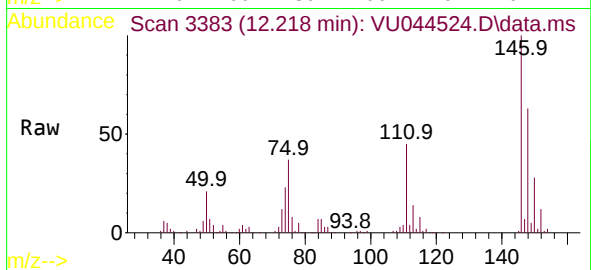




#67
1,2-Dichlorobenzene
Concen: 5.368 ug/L
RT: 12.218 min Scan# 3383
Delta R.T. 0.000 min
Lab File: VU044524.D
Acq: 24 Aug 2021 15:35

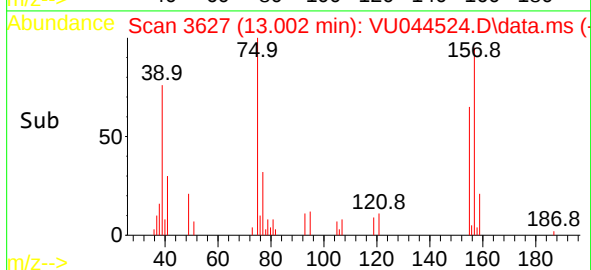
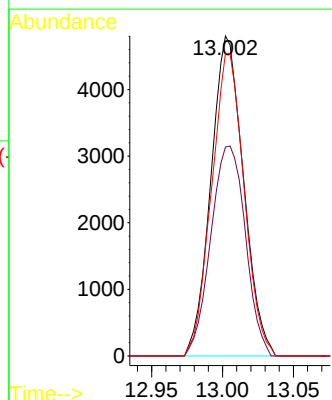
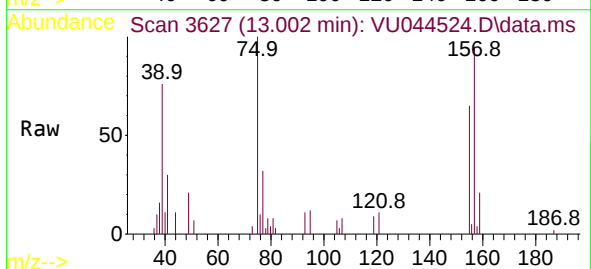
Instrument :
MSVOA_U
ClientSampleId :
VSTD005095

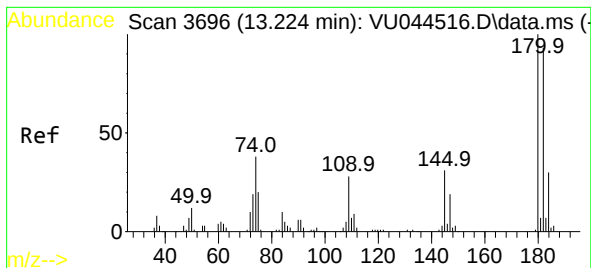
Tgt Ion:146 Resp: 94822
Ion Ratio Lower Upper
146 100
111 44.7 34.9 52.3
148 63.1 49.3 73.9



#68
1,2-Dibromo-3-chloropropane
Concen: 5.188 ug/L
RT: 13.002 min Scan# 3627
Delta R.T. 0.000 min
Lab File: VU044524.D
Acq: 24 Aug 2021 15:35

Tgt Ion: 75 Resp: 7669
Ion Ratio Lower Upper
75 100
155 65.3 61.2 91.8
157 94.6 74.2 111.2

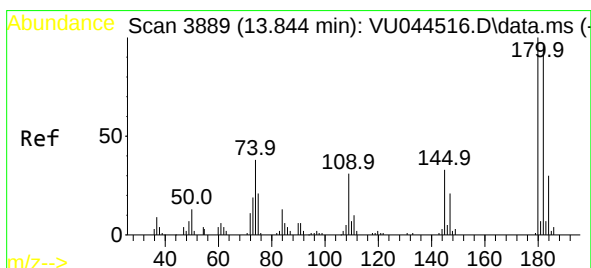
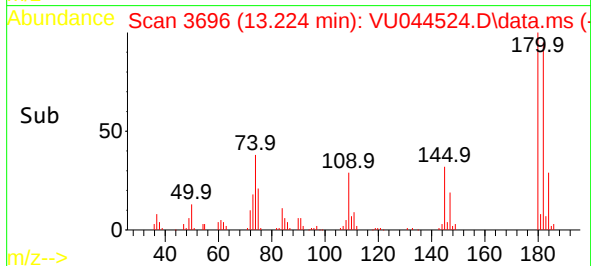
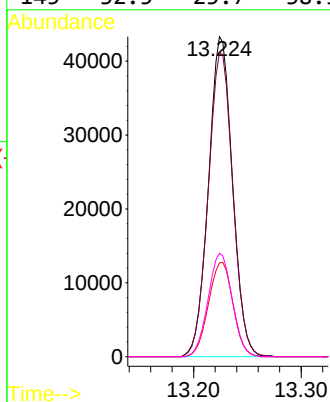
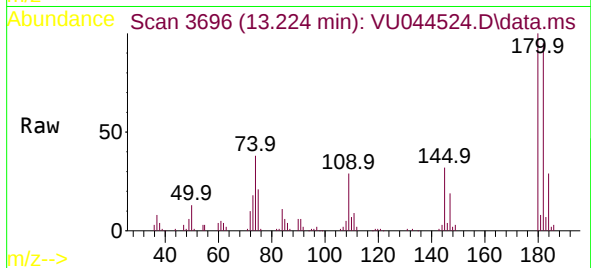




#69
1,3,5-Trichlorobenzene
Concen: 5.145 ug/L
RT: 13.224 min Scan# 3696
Delta R.T. 0.000 min
Lab File: VU044524.D
Acq: 24 Aug 2021 15:35

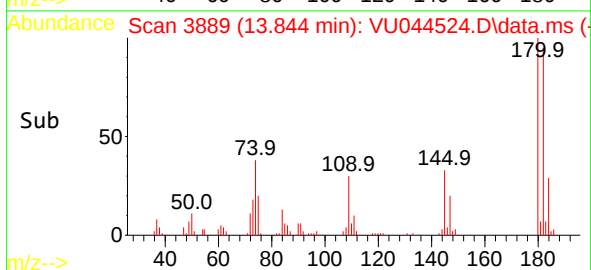
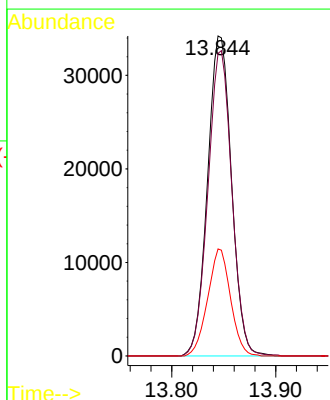
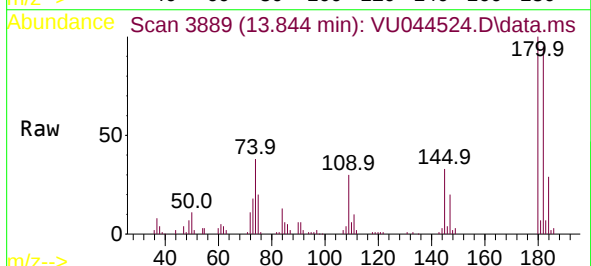
Instrument :
MSVOA_U
ClientSampleId :
VSTD005095

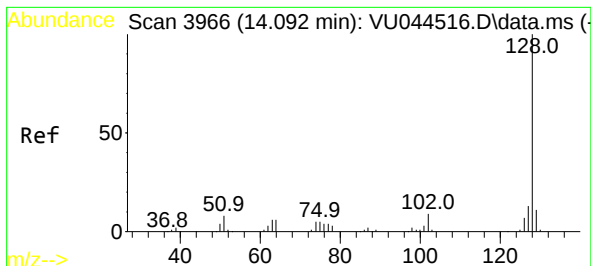
Tgt Ion:180 Resp: 67131
Ion Ratio Lower Upper
180 100
182 97.1 75.0 112.6
184 30.0 24.3 36.5
145 32.5 25.7 38.5



#70
1,2,4-trichlorobenzene
Concen: 5.349 ug/L
RT: 13.844 min Scan# 3889
Delta R.T. 0.000 min
Lab File: VU044524.D
Acq: 24 Aug 2021 15:35

Tgt Ion:180 Resp: 54702
Ion Ratio Lower Upper
180 100
182 95.2 76.0 114.0
145 31.9 26.3 39.5

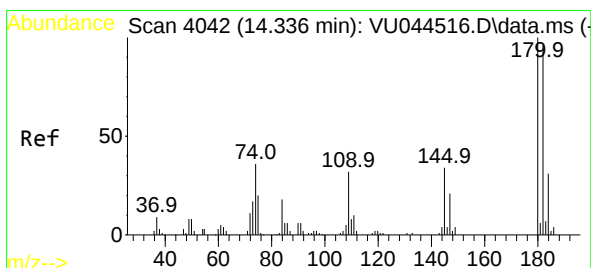
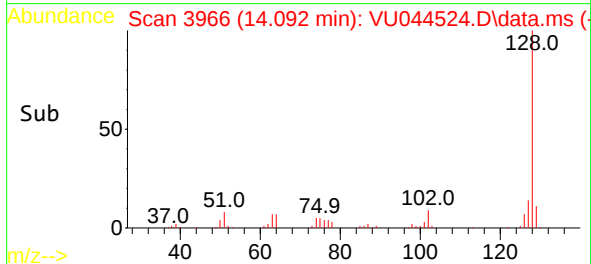
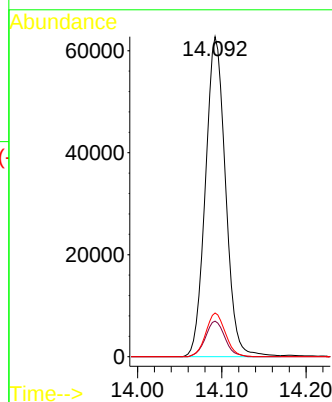
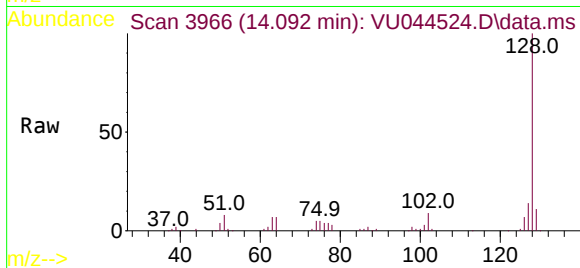




#71
Naphthalene
Concen: 5.338 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VU044524.D
Acq: 24 Aug 2021 15:35

Instrument :
MSVOA_U
ClientSampleId :
VSTD005095

Tgt Ion:128 Resp: 104087
Ion Ratio Lower Upper
128 100
129 10.8 8.6 12.8
127 13.3 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 5.475 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. 0.000 min
Lab File: VU044524.D
Acq: 24 Aug 2021 15:35

Tgt Ion:180 Resp: 51262
Ion Ratio Lower Upper
180 100
182 93.0 76.4 114.6
145 34.8 27.1 40.7

