

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030521\
 Data File : VU042514.D
 Acq On : 05 Mar 2021 20:17
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00519

Quant Time: Mar 06 00:56:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Mar 05 00:31:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	87518	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	84522	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	45240	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	26125	4.48	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.60%
7) Chloroethane-d5	1.919	69	21938	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.40%
11) 1,1-Dichloroethene-d2	2.575	63	62479	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.80%
20) 2-Butanone-d5	4.645	46	88768	46.34	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.68%
24) Chloroform-d	5.073	84	60153	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
26) 1,2-Dichloroethane-d4	5.713	65	36335	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
32) Benzene-d6	5.735	84	102524	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
36) 1,2-Dichloropropane-d6	6.700	67	34088	5.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.00%
41) Toluene-d8	7.906	98	102520	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
43) trans-1,3-Dichloroprop...	8.185	79	14759	4.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.60%
46) 2-Hexanone-d5	8.642	63	77787	52.02	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.04%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	32353	5.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.60%
64) 1,2-Dichlorobenzene-d4	12.201	152	42710	5.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.20%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	41866	5.14	ug/L	99
3) Chloromethane	1.523	50	37526	4.87	ug/L	99
5) Vinyl chloride	1.607	62	37949	4.90	ug/L	96
6) Bromomethane	1.864	94	22920	5.36	ug/L	98
8) Chloroethane	1.938	64	23994	5.19	ug/L	98
9) Trichlorofluoromethane	2.144	101	66603	5.27	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	34008	5.12	ug/L	97
12) 1,1-Dichloroethene	2.587	96	30864	5.00	ug/L	93
13) Acetone	2.652	43	63490	43.01	ug/L	97
14) Carbon disulfide	2.800	76	92722	4.72	ug/L	100
15) Methyl Acetate	2.957	43	15138	4.12	ug/L	96
16) Methylene chloride	3.054	84	33934	4.60	ug/L	98
17) Methyl tert-butyl Ether	3.372	73	85506	4.93	ug/L	97
18) trans-1,2-Dichloroethene	3.359	96	31541	4.87	ug/L	98
19) 1,1-Dichloroethane	3.880	63	63698	5.09	ug/L	97
21) 2-Butanone	4.722	43	111505	44.44	ug/L	99
22) cis-1,2-Dichloroethene	4.677	96	35726	5.16	ug/L	99
23) Bromochloromethane	4.983	128	17451	5.29	ug/L	97
25) Chloroform	5.095	83	67165	5.11	ug/L	99
27) 1,2-Dichloroethane	5.803	62	49260	5.00	ug/L	97

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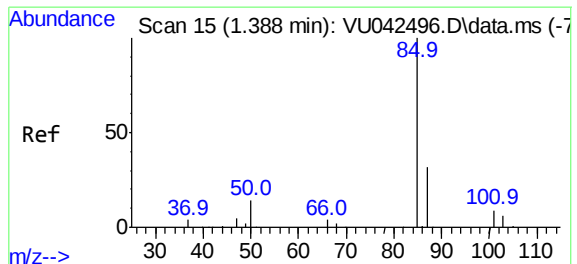
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	5.324	97	60063	5.11	ug/L	96
30) Cyclohexane	5.398	56	58009	4.94	ug/L	97
31) Carbon tetrachloride	5.533	117	52650	5.08	ug/L	99
33) Benzene	5.784	78	136018	5.14	ug/L	100
34) Trichloroethene	6.549	95	37028	5.05	ug/L	97
35) Methylcyclohexane	6.771	83	55591	4.98	ug/L	97
37) 1,2-Dichloropropane	6.800	63	37303	5.22	ug/L	99
38) Bromodichloromethane	7.115	83	48789	5.24	ug/L	99
39) cis-1,3-Dichloropropene	7.613	75	51666	4.97	ug/L	99
40) 4-Methyl-2-pentanone	7.800	43	321140	51.59	ug/L	97
42) Toluene	7.976	91	149067	5.17	ug/L	97
44) trans-1,3-Dichloropropene	8.217	75	47770	4.98	ug/L	99
45) 1,1,2-Trichloroethane	8.407	97	26946	5.12	ug/L	94
47) Tetrachloroethene	8.562	164	29971	5.01	ug/L	98
48) 2-Hexanone	8.693	43	243768	53.08	ug/L	94
49) Dibromochloromethane	8.819	129	34784	5.28	ug/L	98
50) 1,2-Dibromoethane	8.931	107	27733	5.34	ug/L	96
51) Chlorobenzene	9.452	112	94246	5.11	ug/L	99
52) Ethylbenzene	9.578	91	164224	5.05	ug/L	100
53) m,p-Xylene	9.700	106	60645	5.05	ug/L	96
54) o-Xylene	10.105	106	60417	5.19	ug/L	97
55) Styrene	10.121	104	102871	5.20	ug/L	98
56) Isopropylbenzene	10.491	105	164392	5.14	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.790	83	37023	5.25	ug/L	99
59) 1,2,3-Trichloropropane	10.832	75	27539	5.13	ug/L	99
61) Bromoform	10.298	173	21802	5.34	ug/L	99
62) 1,3-Dichlorobenzene	11.751	146	79604	5.10	ug/L	100
63) 1,4-Dichlorobenzene	11.844	146	78446	5.04	ug/L	96
65) 1,2-Dichlorobenzene	12.221	146	80211	5.34	ug/L	98
66) 1,2-Dibromo-3-chloropr...	13.005	75	6264	4.96	ug/L	94
67) 1,3,5-Trichlorobenzene	13.227	180	64493	4.77	ug/L	99
68) 1,2,4-trichlorobenzene	13.847	180	53080	4.74	ug/L	99
69) Naphthalene	14.095	128	88724	4.88	ug/L	99
70) 1,2,3-Trichlorobenzene	14.339	180	50657	4.99	ug/L	100

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

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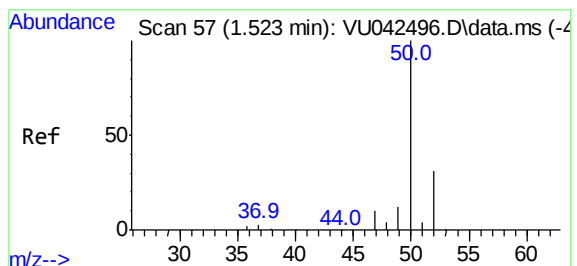
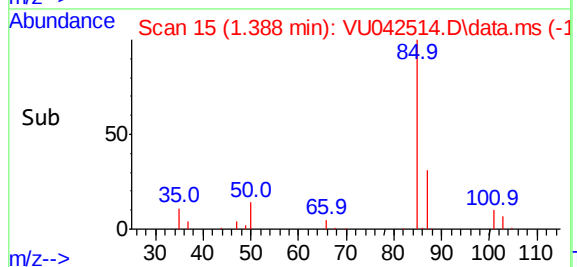
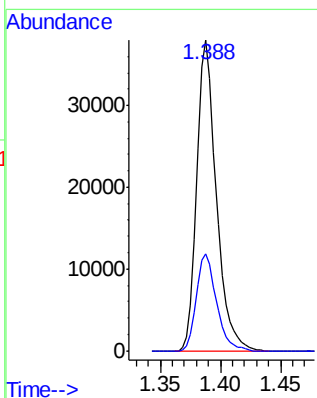
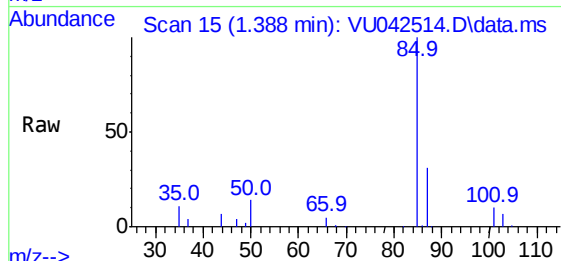




#2
Dichlorodifluoromethane
Concen: 5.14 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU042514.D
Acq: 05 Mar 2021 20:17

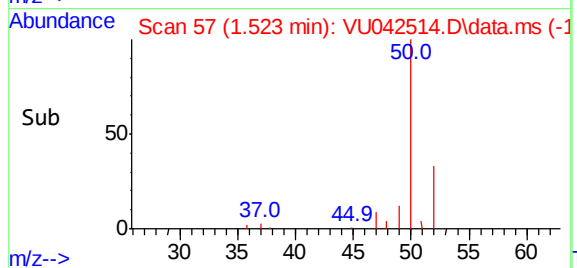
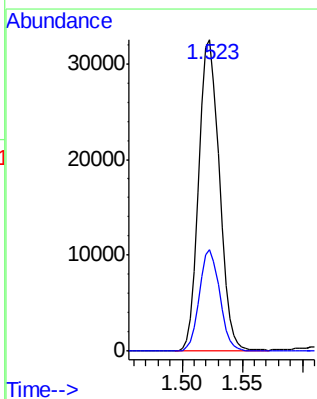
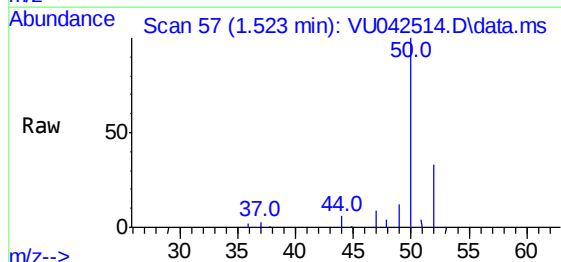
Instrument :
MSVOA_U
ClientSampleId :
VSTD00519

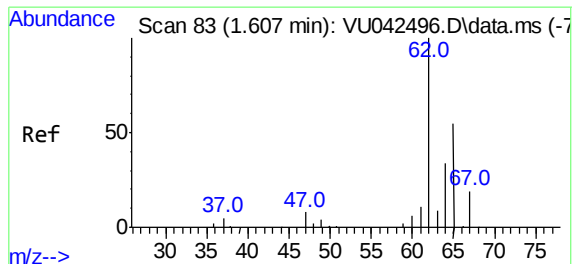
Tgt Ion: 85 Resp: 41866
Ion Ratio Lower Upper
85 100
87 32.1 26.1 39.1



#3
Chloromethane
Concen: 4.87 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU042514.D
Acq: 05 Mar 2021 20:17

Tgt Ion: 50 Resp: 37526
Ion Ratio Lower Upper
50 100
52 32.5 23.0 42.8

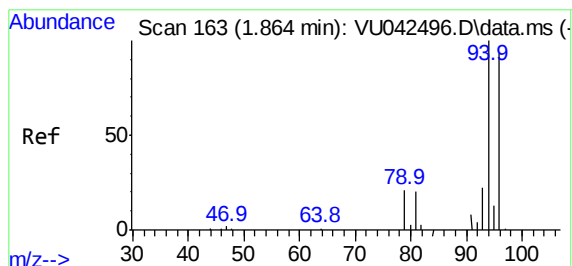
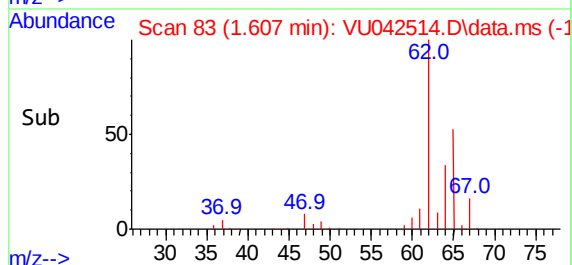
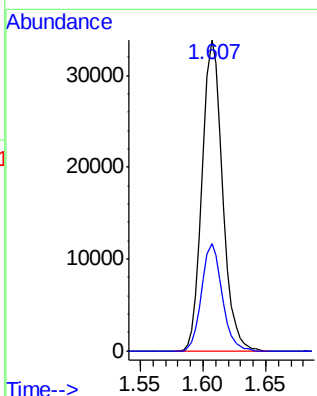
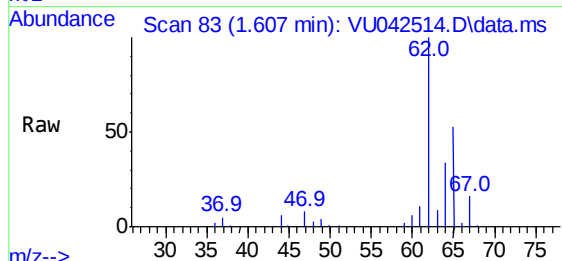




#5
 Vinyl chloride
 Concen: 4.90 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU042514.D
 Acq: 05 Mar 2021 20:17

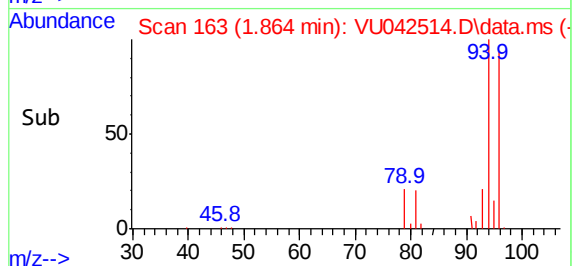
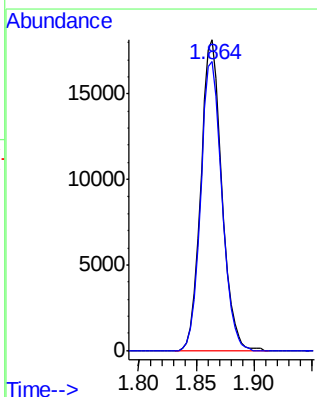
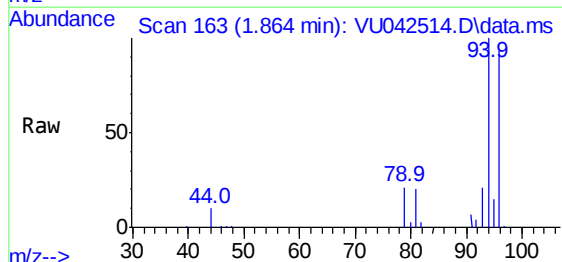
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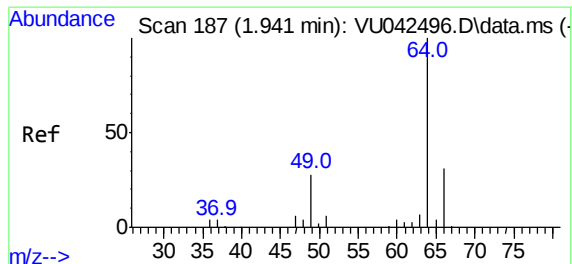
Tgt Ion: 62 Resp: 37949
 Ion Ratio Lower Upper
 62 100
 64 34.4 22.7 42.1



#6
 Bromomethane
 Concen: 5.36 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. -0.000 min
 Lab File: VU042514.D
 Acq: 05 Mar 2021 20:17

Tgt Ion: 94 Resp: 22920
 Ion Ratio Lower Upper
 94 100
 96 93.1 66.5 123.5

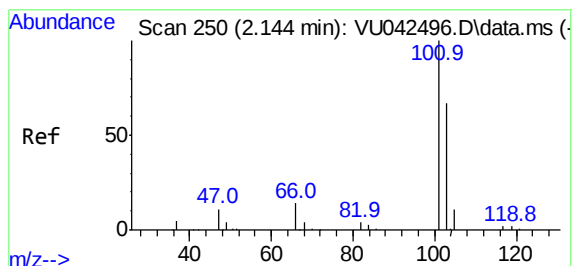
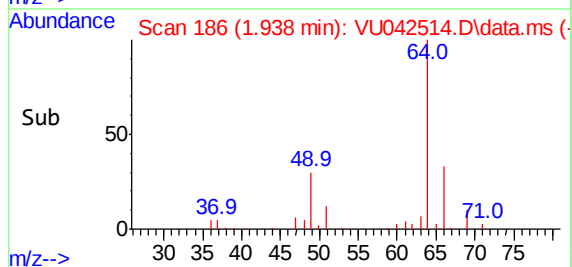
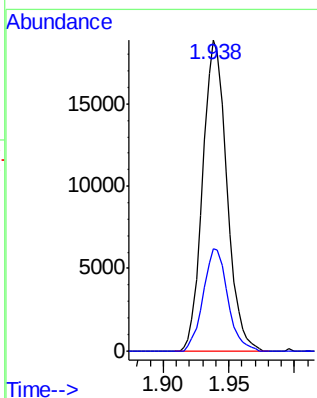
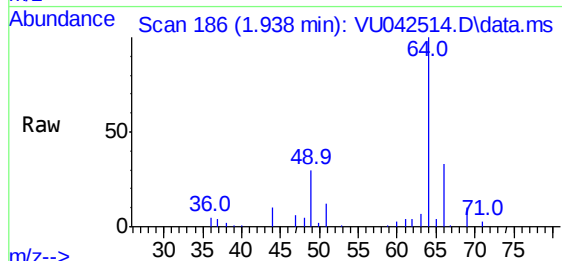




#8
Chloroethane
Concen: 5.19 ug/L
RT: 1.938 min Scan# 186
Delta R.T. -0.000 min
Lab File: VU042514.D
Acq: 05 Mar 2021 20:17

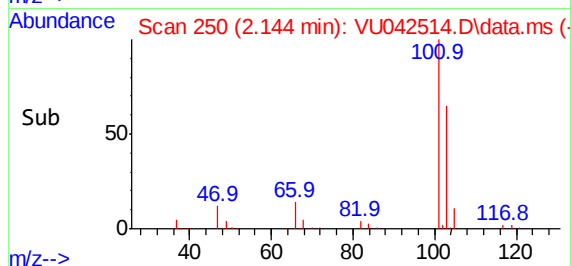
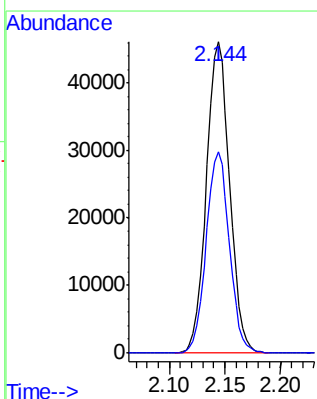
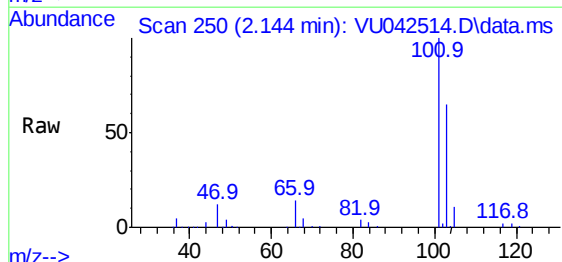
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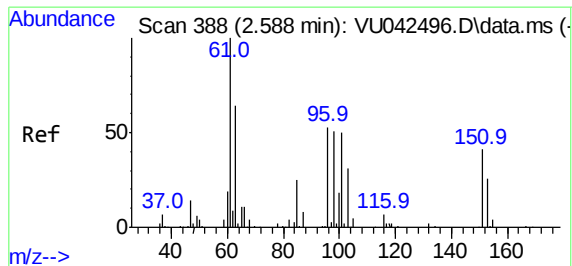
Tgt Ion: 64 Resp: 23994
Ion Ratio Lower Upper
64 100
66 33.0 22.2 41.2



#9
Trichlorofluoromethane
Concen: 5.27 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU042514.D
Acq: 05 Mar 2021 20:17

Tgt Ion: 101 Resp: 66603
Ion Ratio Lower Upper
101 100
103 64.5 51.8 77.8



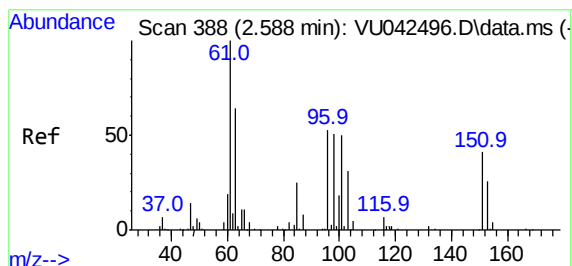
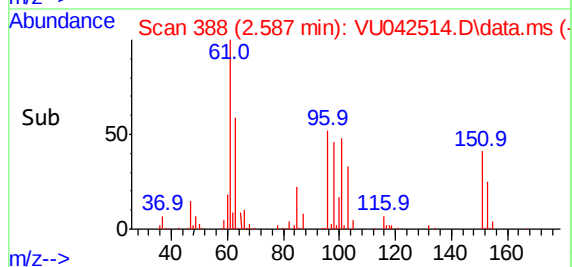
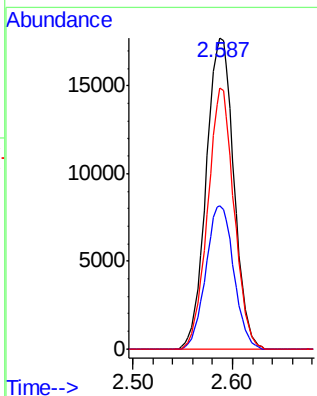
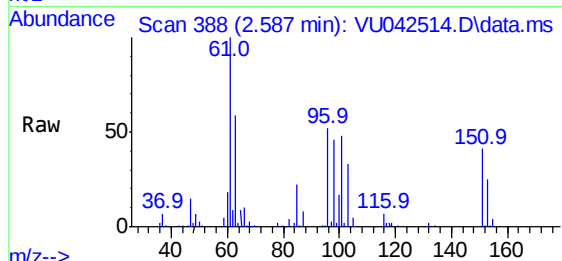


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.12 ug/L
 RT: 2.587 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU042514.D
 Acq: 05 Mar 2021 20:17

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00519

Tgt Ion:101 Resp: 34008

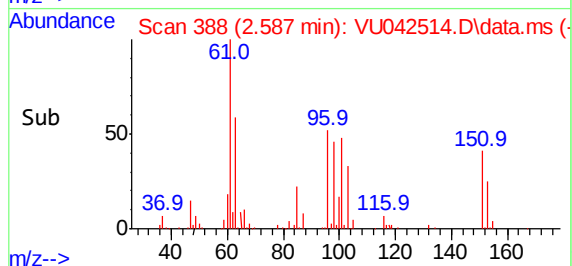
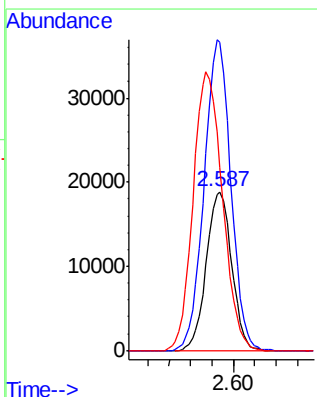
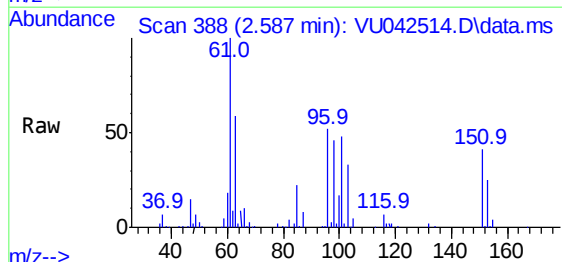
Ion	Ratio	Lower	Upper
101	100		
85	46.4	34.6	51.8
151	80.1	62.7	94.1

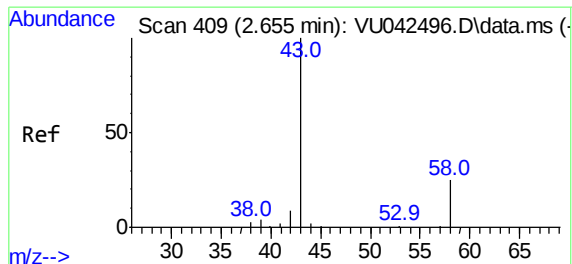


#12
 1,1-Dichloroethene
 Concen: 5.00 ug/L
 RT: 2.587 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU042514.D
 Acq: 05 Mar 2021 20:17

Tgt Ion: 96 Resp: 30864

Ion	Ratio	Lower	Upper
96	100		
61	194.1	126.2	234.4
63	115.0	77.8	144.4

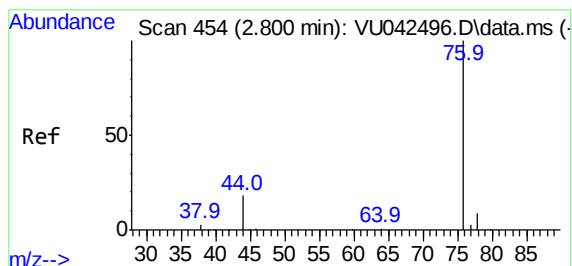
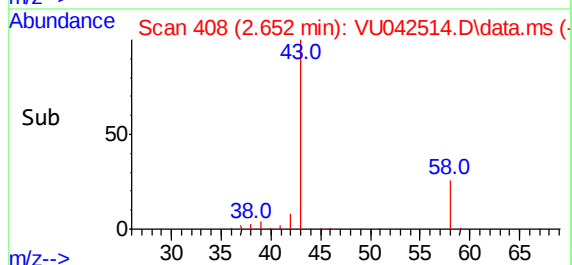
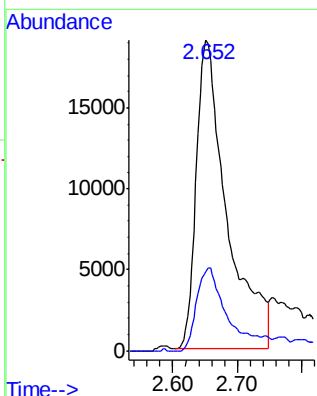
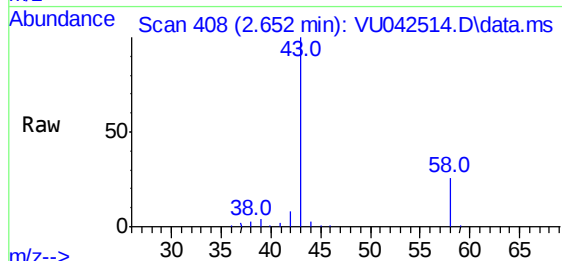




#13
Acetone
Concen: 43.01 ug/L
RT: 2.652 min Scan# 408
Delta R.T. -0.007 min
Lab File: VU042514.D
Acq: 05 Mar 2021 20:17

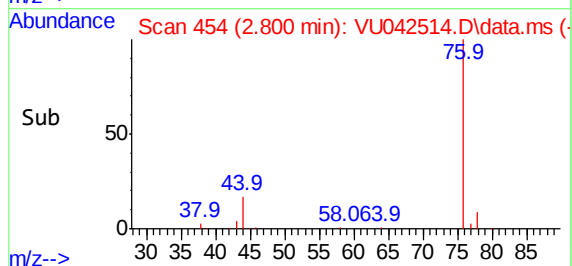
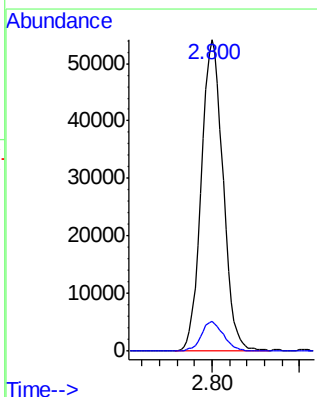
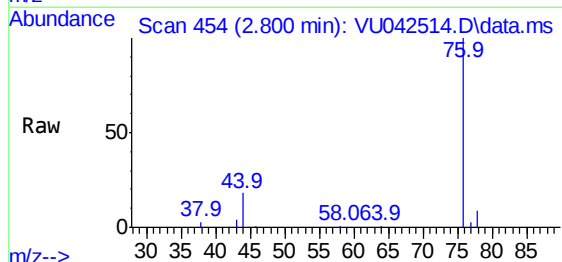
Instrument :
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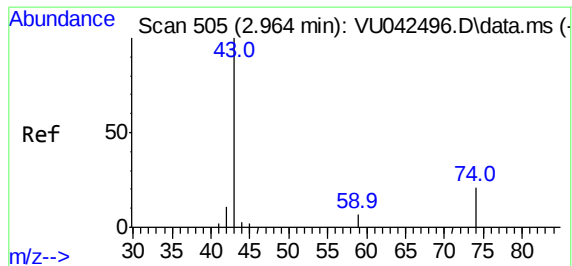
Tgt Ion: 43 Resp: 63490
Ion Ratio Lower Upper
43 100
58 26.3 0.0 55.8



#14
Carbon disulfide
Concen: 4.72 ug/L
RT: 2.800 min Scan# 454
Delta R.T. -0.000 min
Lab File: VU042514.D
Acq: 05 Mar 2021 20:17

Tgt Ion: 76 Resp: 92722
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9

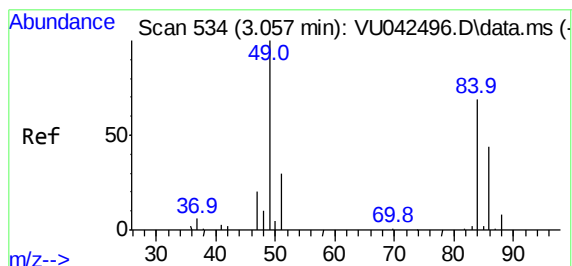
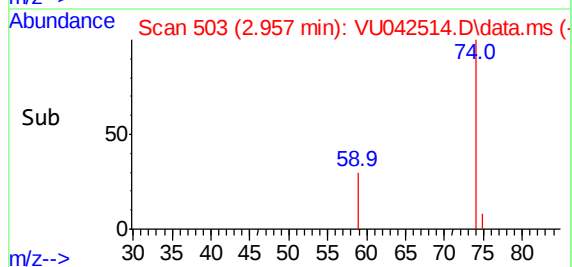
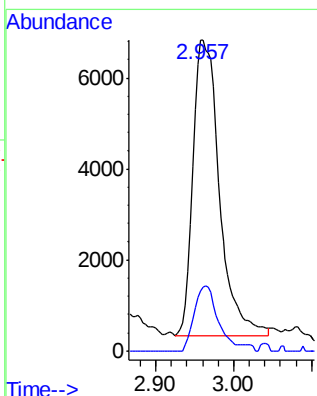
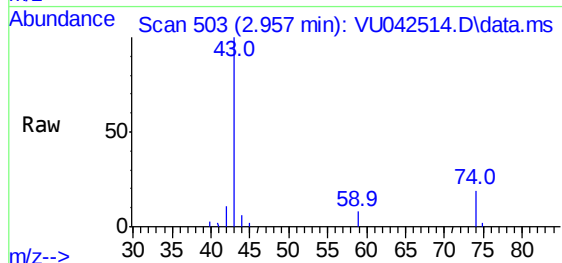




#15
Methyl Acetate
Concen: 4.12 ug/L
RT: 2.957 min Scan# 503
Delta R.T. -0.007 min
Lab File: VU042514.D
Acq: 05 Mar 2021 20:17

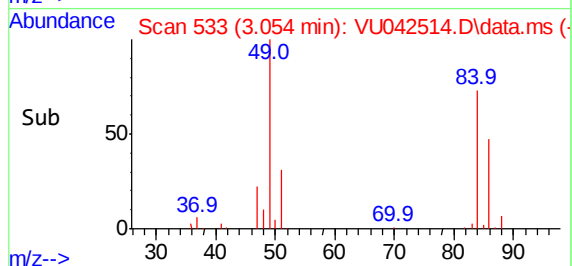
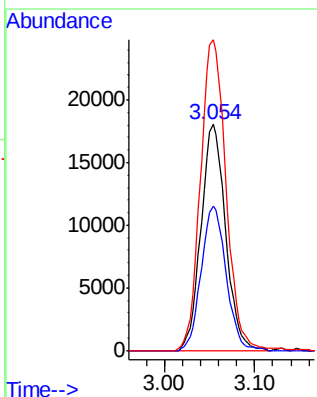
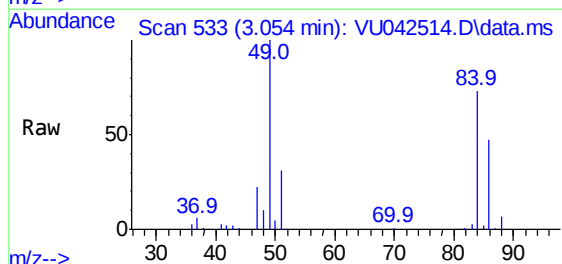
Instrument :
MSVOA_U
ClientSampleId :
VSTD00519

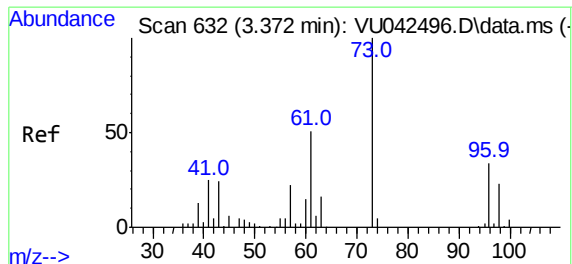
Tgt Ion: 43 Resp: 15138
Ion Ratio Lower Upper
43 100
74 19.4 16.9 25.3



#16
Methylene chloride
Concen: 4.60 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU042514.D
Acq: 05 Mar 2021 20:17

Tgt Ion: 84 Resp: 33934
Ion Ratio Lower Upper
84 100
86 64.1 44.1 81.9
49 137.6 95.0 176.4

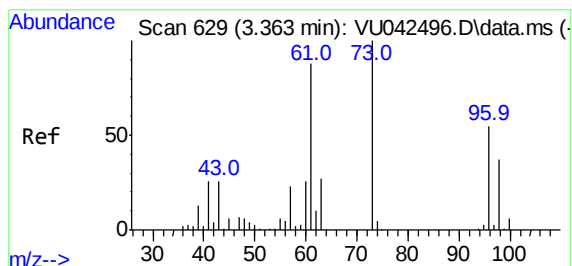
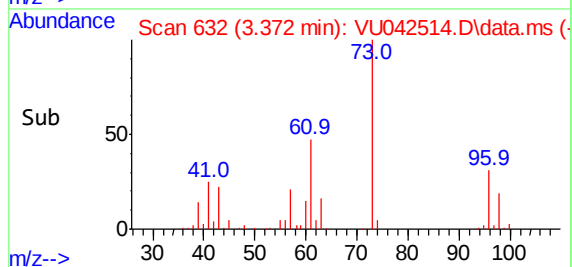
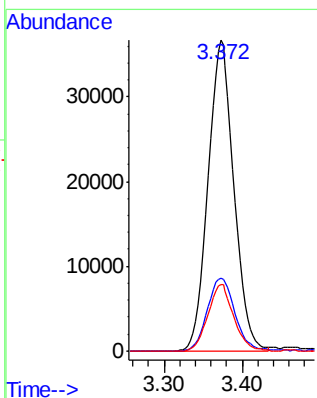
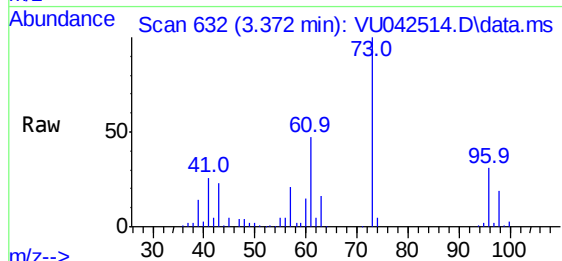




#17
Methyl tert-butyl Ether
Concen: 4.93 ug/L
RT: 3.372 min Scan# 632
Delta R.T. -0.004 min
Lab File: VU042514.D
Acq: 05 Mar 2021 20:17

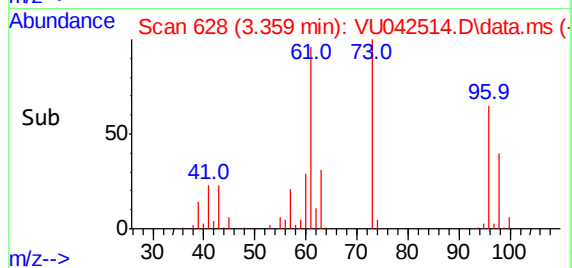
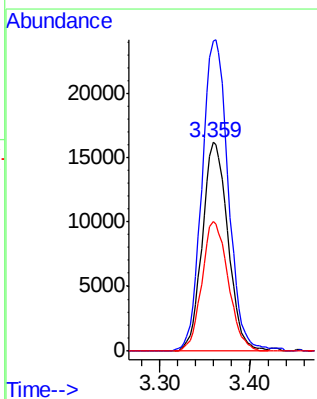
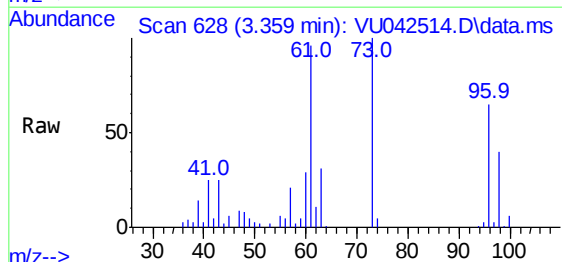
Instrument :
MSVOA_U
ClientSampleId :
VSTD00519

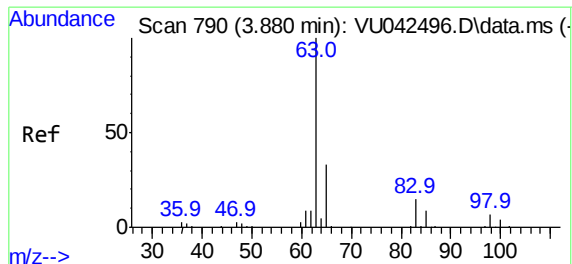
Tgt Ion: 73 Resp: 85506
Ion Ratio Lower Upper
73 100
43 24.9 18.9 28.3
57 21.2 18.2 27.4



#18
trans-1,2-Dichloroethene
Concen: 4.87 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.004 min
Lab File: VU042514.D
Acq: 05 Mar 2021 20:17

Tgt Ion: 96 Resp: 31541
Ion Ratio Lower Upper
96 100
61 148.6 105.7 196.3
98 62.3 42.8 79.6

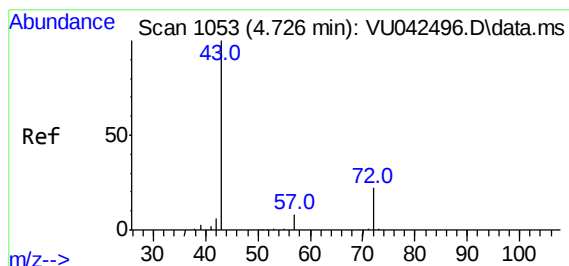
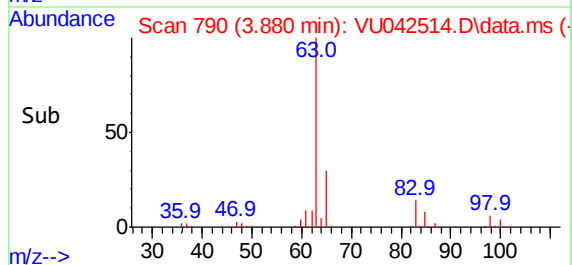
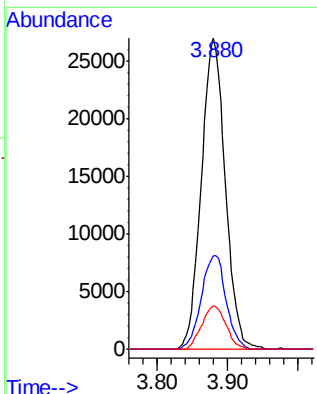
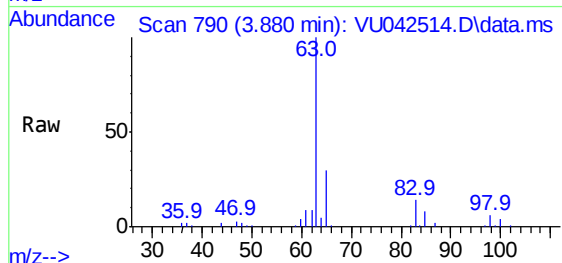




#19
1,1-Dichloroethane
Concen: 5.09 ug/L
RT: 3.880 min Scan# 790
Delta R.T. -0.000 min
Lab File: VU042514.D
Acq: 05 Mar 2021 20:17

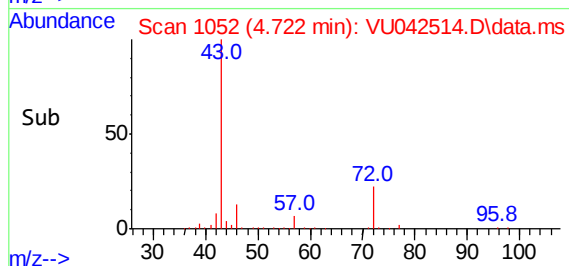
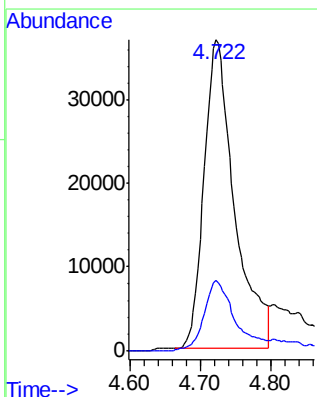
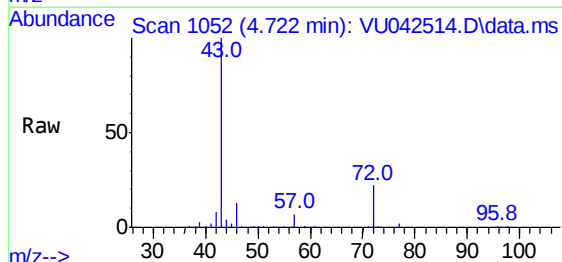
Instrument :
MSVOA_U
ClientSampleId :
VSTD00519

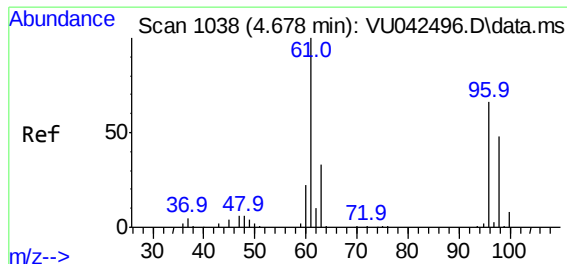
Tgt Ion: 63 Resp: 63698
Ion Ratio Lower Upper
63 100
65 30.1 22.5 41.9
83 13.7 10.1 18.7



#21
2-Butanone
Concen: 44.44 ug/L
RT: 4.722 min Scan# 1052
Delta R.T. -0.003 min
Lab File: VU042514.D
Acq: 05 Mar 2021 20:17

Tgt Ion: 43 Resp: 111505
Ion Ratio Lower Upper
43 100
72 22.9 11.7 35.1



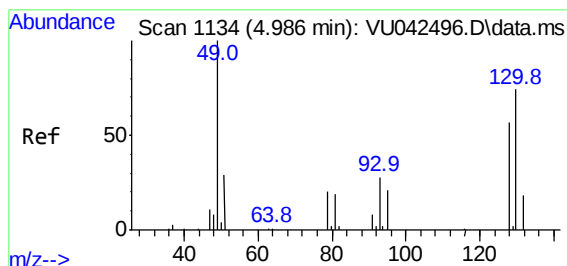
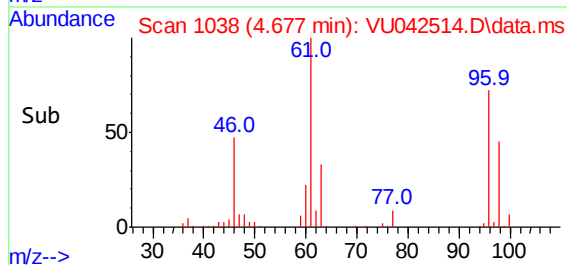
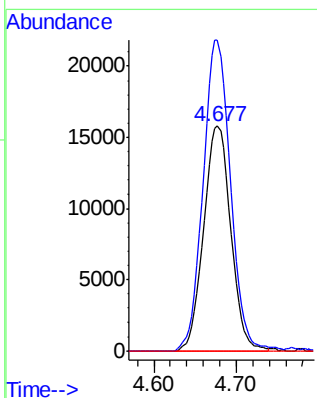
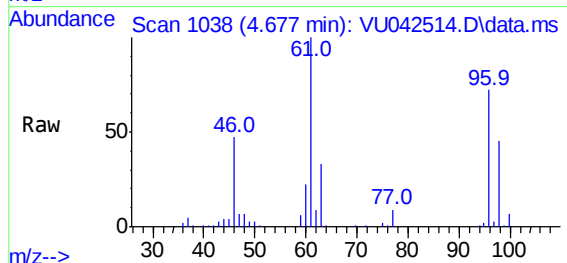


#22
cis-1,2-Dichloroethene
Concen: 5.16 ug/L
RT: 4.677 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VU042514.D
Acq: 05 Mar 2021 20:17

Instrument :
MSVOA_U
ClientSampleId :
VSTD00519

Tgt Ion: 96 Resp: 35726

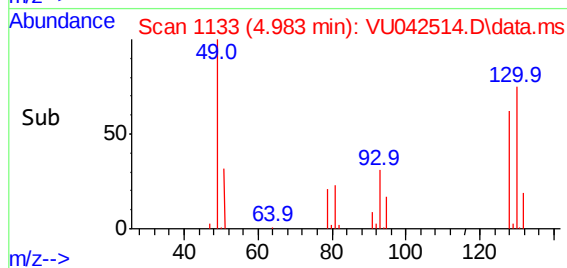
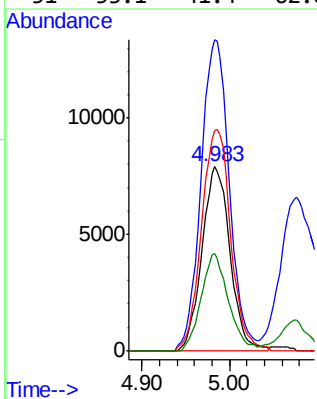
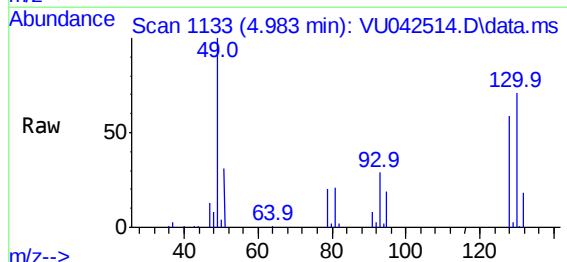
Ion	Ratio	Lower	Upper
96	100		
61	138.2	97.8	181.6
68	0.0	0.0	0.0

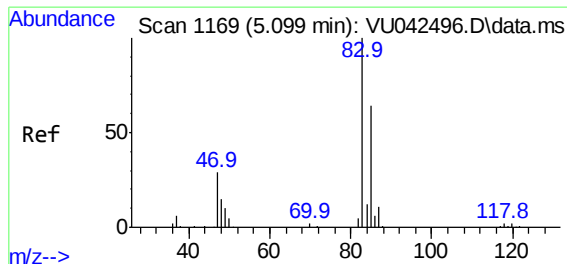


#23
Bromochloromethane
Concen: 5.29 ug/L
RT: 4.983 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VU042514.D
Acq: 05 Mar 2021 20:17

Tgt Ion:128 Resp: 17451

Ion	Ratio	Lower	Upper
128	100		
49	169.3	117.7	218.7
130	119.9	87.9	163.3
51	53.1	41.4	62.0

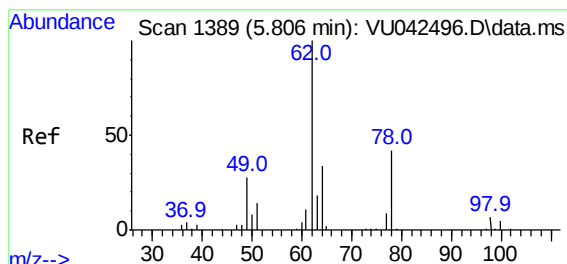
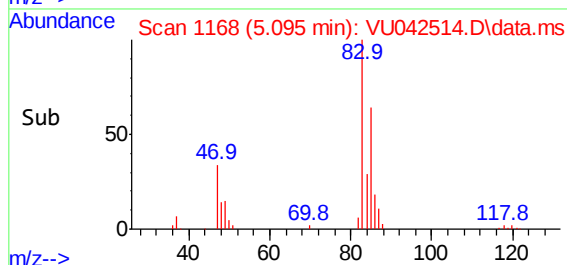
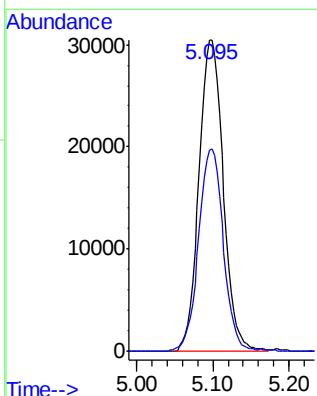
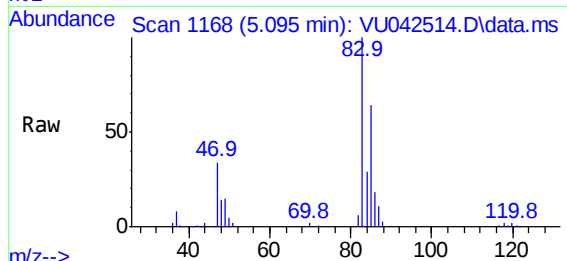




#25
Chloroform
Concen: 5.11 ug/L
RT: 5.095 min Scan# 1168
Delta R.T. -0.003 min
Lab File: VU042514.D
Acq: 05 Mar 2021 20:17

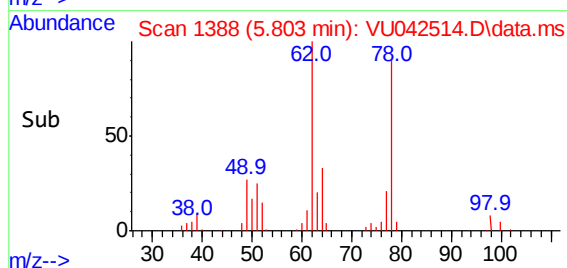
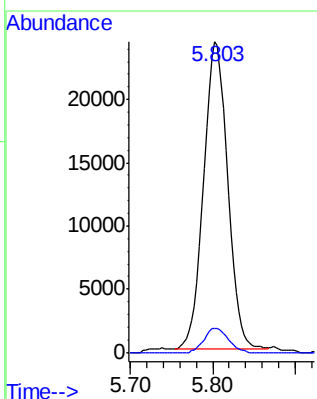
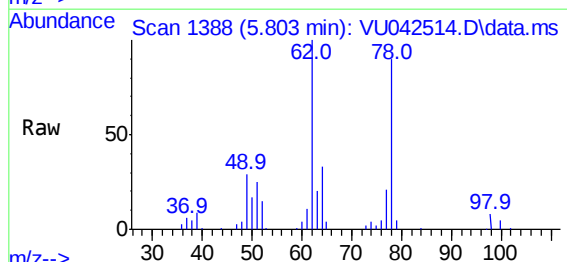
Instrument :
MSVOA_U
ClientSampleId :
VSTD00519

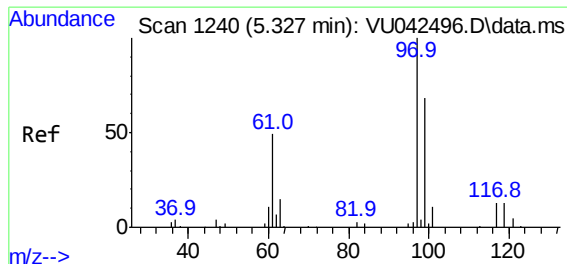
Tgt Ion: 83 Resp: 67165
Ion Ratio Lower Upper
83 100
85 64.5 45.7 84.9



#27
1,2-Dichloroethane
Concen: 5.00 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. -0.003 min
Lab File: VU042514.D
Acq: 05 Mar 2021 20:17

Tgt Ion: 62 Resp: 49260
Ion Ratio Lower Upper
62 100
98 7.9 7.3 10.9

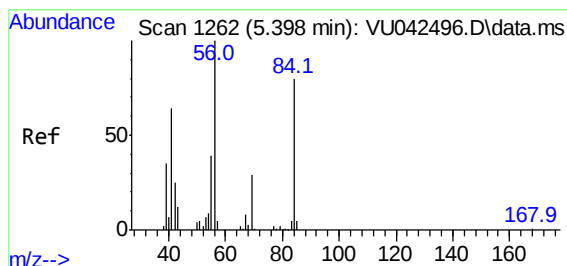
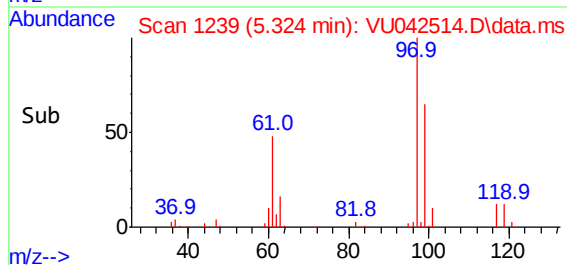
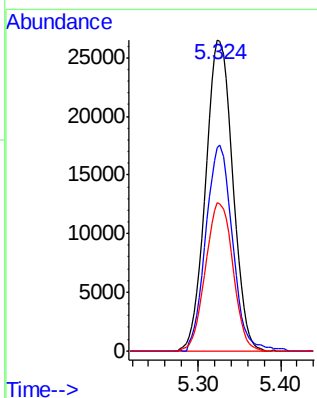
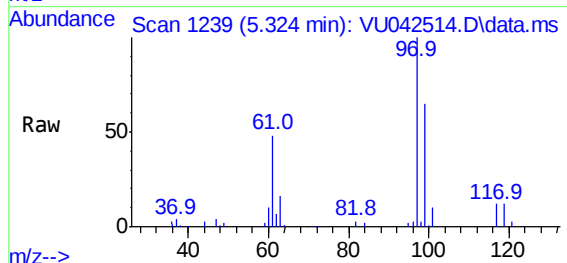




#29
1,1,1-Trichloroethane
Concen: 5.11 ug/L
RT: 5.324 min Scan# 1239
Delta R.T. -0.003 min
Lab File: VU042514.D
Acq: 05 Mar 2021 20:17

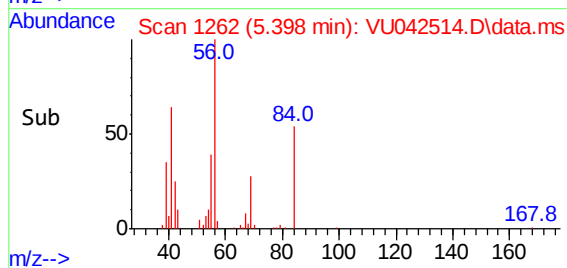
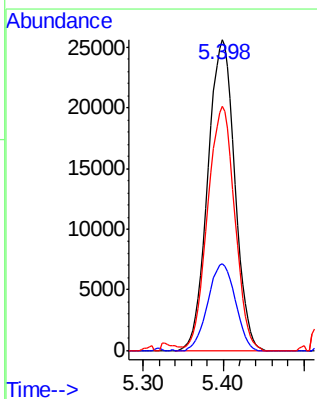
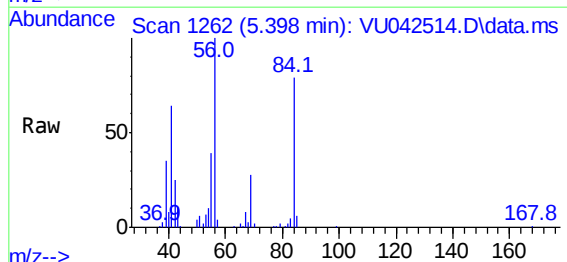
Instrument :
MSVOA_U
ClientSampleId :
VSTD00519

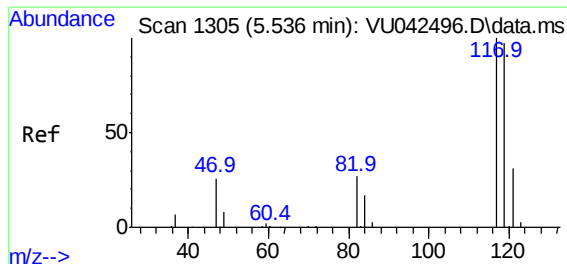
Tgt Ion: 97 Resp: 60063
Ion Ratio Lower Upper
97 100
99 65.4 50.8 76.2
61 48.1 35.8 53.6



#30
Cyclohexane
Concen: 4.94 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. -0.000 min
Lab File: VU042514.D
Acq: 05 Mar 2021 20:17

Tgt Ion: 56 Resp: 58009
Ion Ratio Lower Upper
56 100
69 28.4 23.7 35.5
84 79.2 65.3 97.9

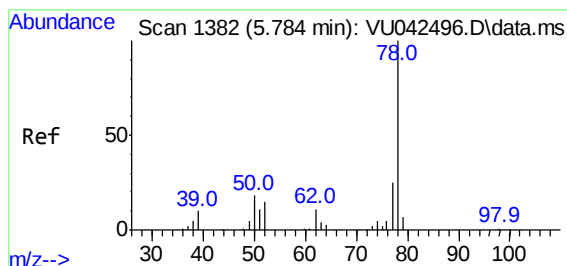
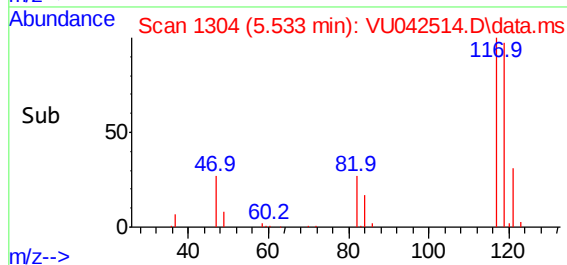
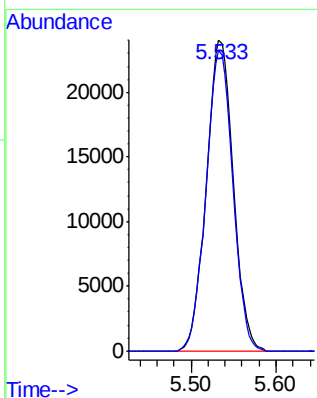
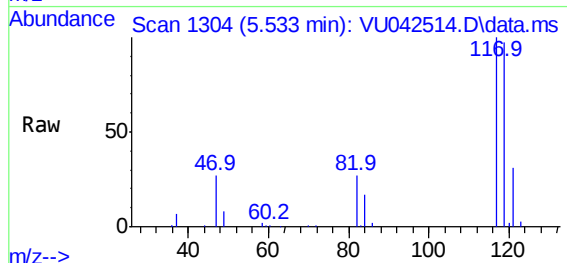




#31
Carbon tetrachloride
Concen: 5.08 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VU042514.D
Acq: 05 Mar 2021 20:17

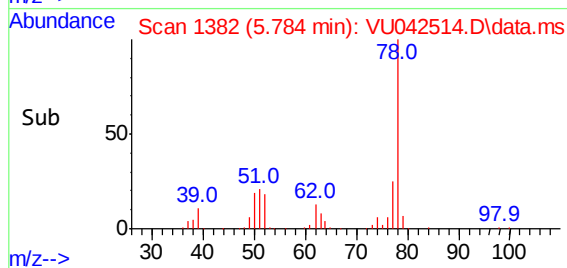
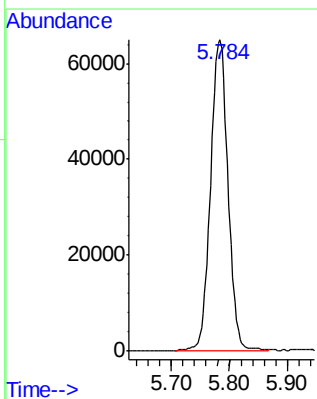
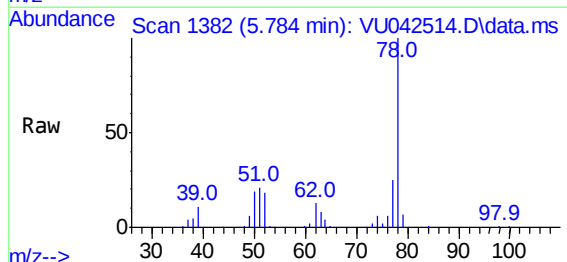
Instrument :
MSVOA_U
ClientSampleId :
VSTD00519

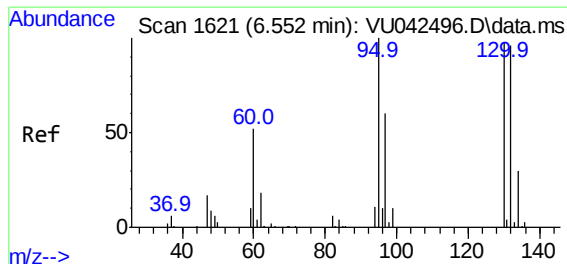
Tgt Ion:117 Resp: 52650
Ion Ratio Lower Upper
117 100
119 96.5 76.2 114.4



#33
Benzene
Concen: 5.14 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VU042514.D
Acq: 05 Mar 2021 20:17

Tgt Ion: 78 Resp: 136018

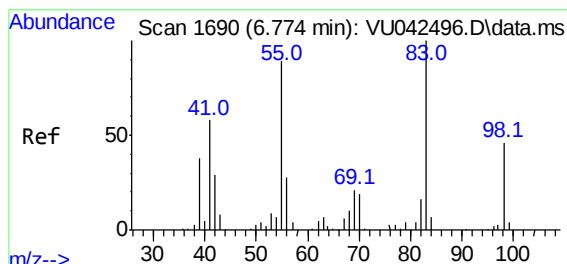
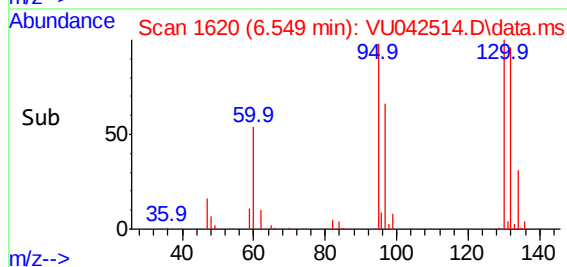
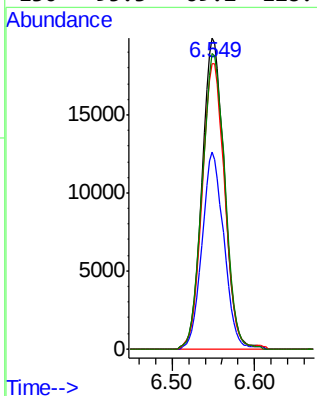
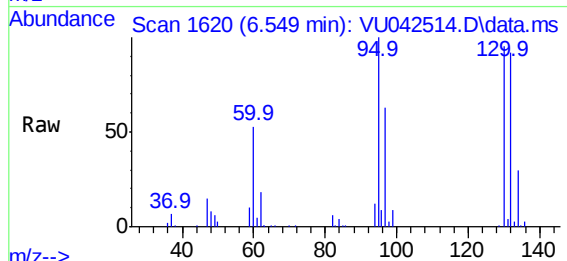




#34
Trichloroethene
Concen: 5.05 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU042514.D
Acq: 05 Mar 2021 20:17

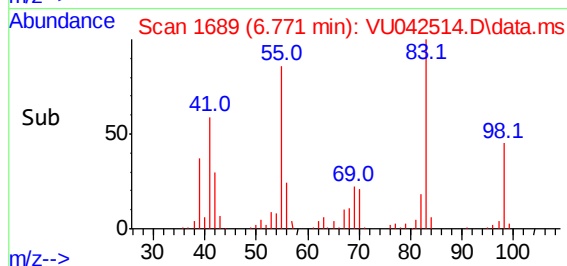
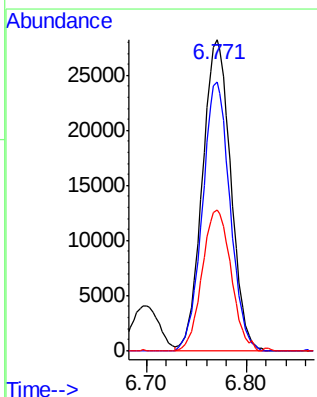
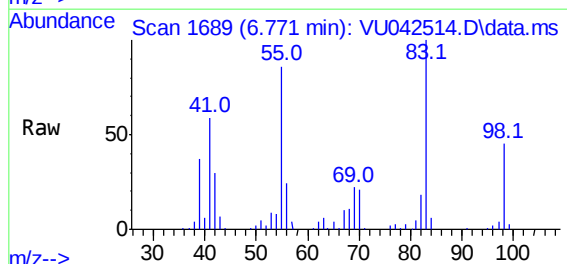
Instrument :
MSVOA_U
ClientSampleId :
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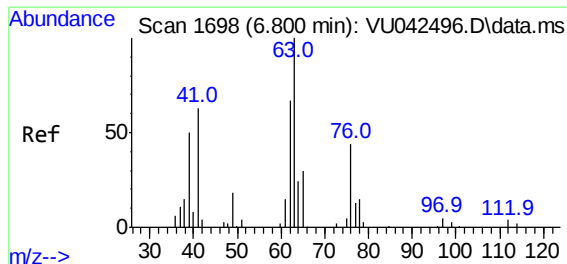
Tgt Ion: 95 Resp: 37028
Ion Ratio Lower Upper
95 100
97 63.3 44.4 82.4
132 91.6 68.0 126.4
130 95.3 69.2 128.4



#35
Methylcyclohexane
Concen: 4.98 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VU042514.D
Acq: 05 Mar 2021 20:17

Tgt Ion: 83 Resp: 55591
Ion Ratio Lower Upper
83 100
55 84.2 68.2 102.4
98 46.1 39.7 59.5

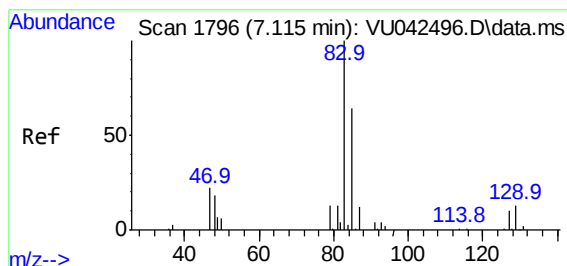
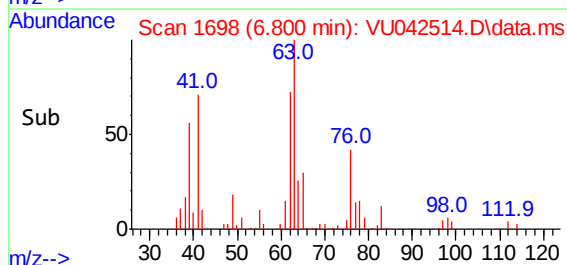
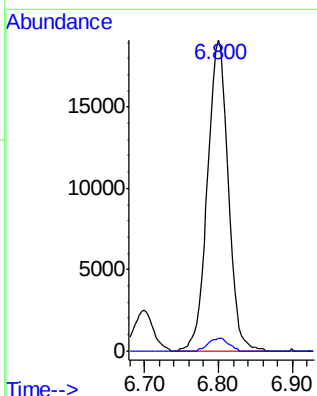
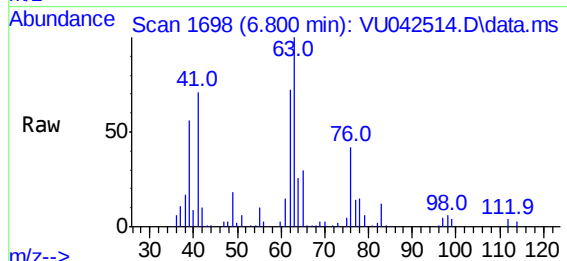




#37
1,2-Dichloropropane
Concen: 5.22 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VU042514.D
Acq: 05 Mar 2021 20:17

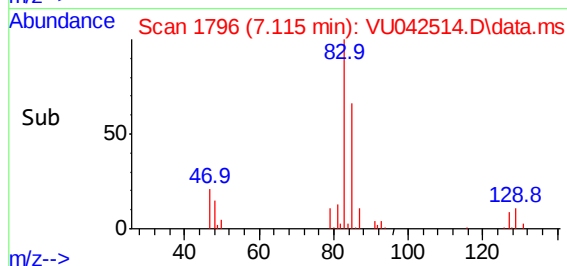
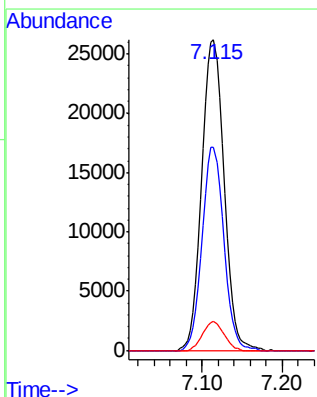
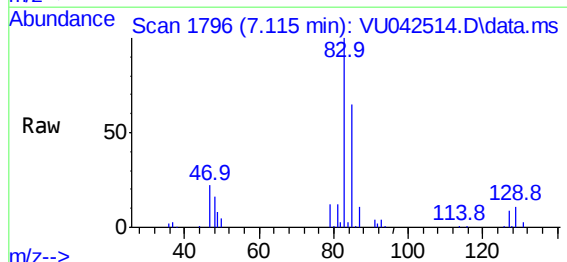
Instrument :
MSVOA_U
ClientSampleId :
VSTD00519

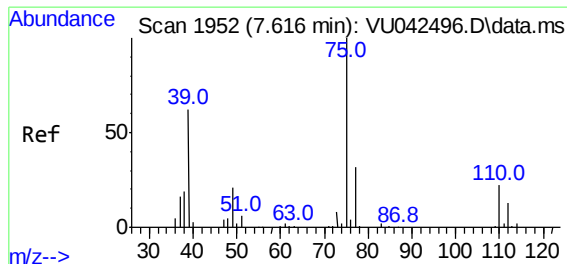
Tgt Ion: 63 Resp: 37303
Ion Ratio Lower Upper
63 100
112 3.9 3.4 5.0



#38
Bromodichloromethane
Concen: 5.24 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VU042514.D
Acq: 05 Mar 2021 20:17

Tgt Ion: 83 Resp: 48789
Ion Ratio Lower Upper
83 100
85 65.2 46.0 85.4
127 9.2 6.8 10.2

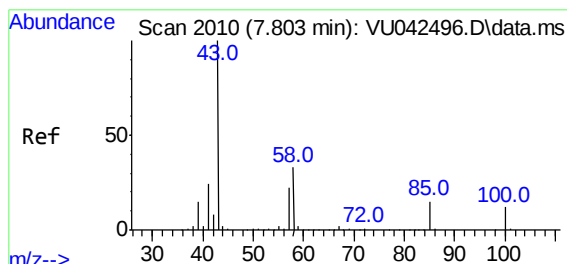
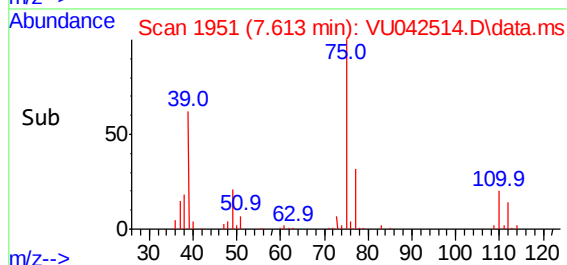
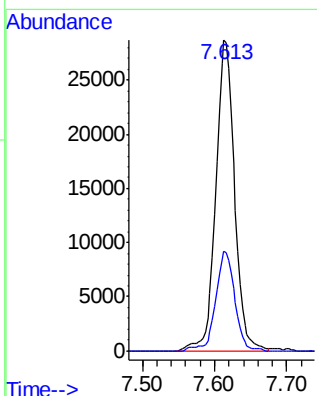
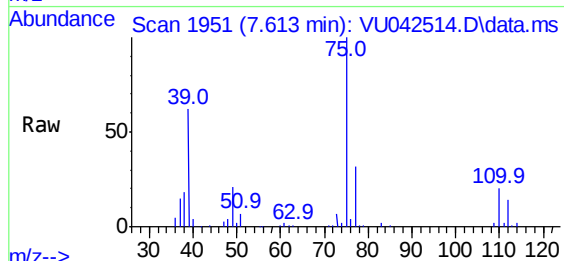




#39
 cis-1,3-Dichloropropene
 Concen: 4.97 ug/L
 RT: 7.613 min Scan# 1951
 Delta R.T. -0.003 min
 Lab File: VU042514.D
 Acq: 05 Mar 2021 20:17

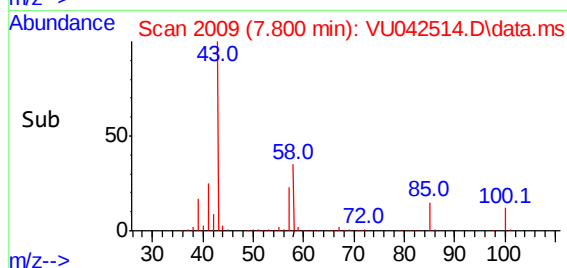
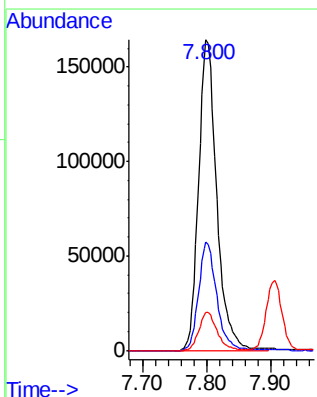
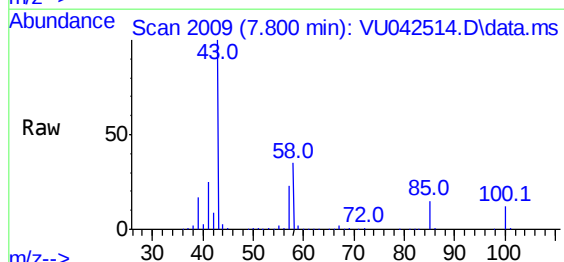
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00519

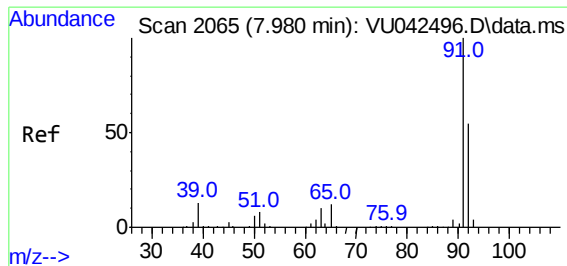
Tgt Ion: 75 Resp: 51666
 Ion Ratio Lower Upper
 75 100
 77 31.9 22.0 40.8



#40
 4-Methyl-2-pentanone
 Concen: 51.59 ug/L
 RT: 7.800 min Scan# 2009
 Delta R.T. -0.003 min
 Lab File: VU042514.D
 Acq: 05 Mar 2021 20:17

Tgt Ion: 43 Resp: 321140
 Ion Ratio Lower Upper
 43 100
 58 34.7 29.1 43.7
 100 12.3 11.0 16.4





#42

Toluene

Concen: 5.17 ug/L

RT: 7.976 min Scan# 2064

Delta R.T. -0.000 min

Lab File: VU042514.D

Acq: 05 Mar 2021 20:17

Instrument :

MSVOA_U

ClientSampleId :

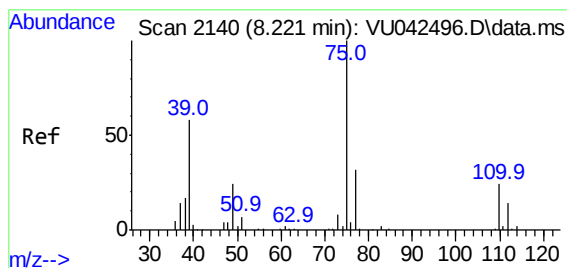
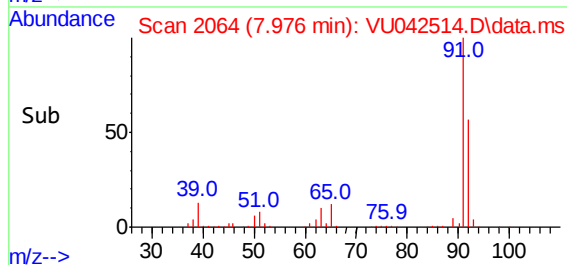
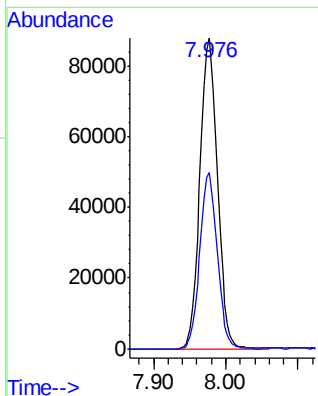
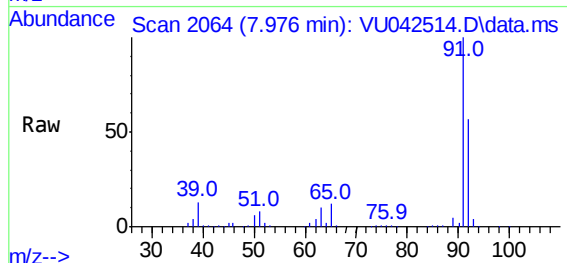
VSTD00519

Tgt Ion: 91 Resp: 149067

Ion Ratio Lower Upper

91 100

92 56.7 41.2 76.6



#44

trans-1,3-Dichloropropene

Concen: 4.98 ug/L

RT: 8.217 min Scan# 2139

Delta R.T. -0.001 min

Lab File: VU042514.D

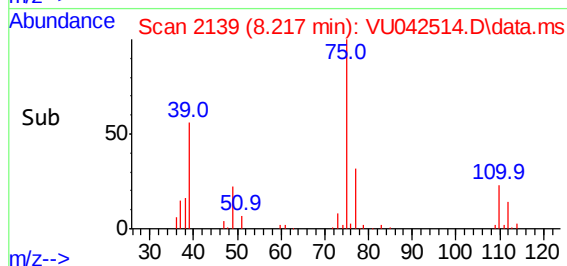
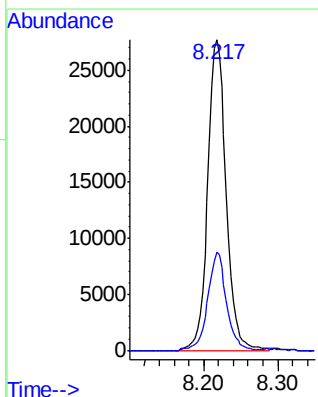
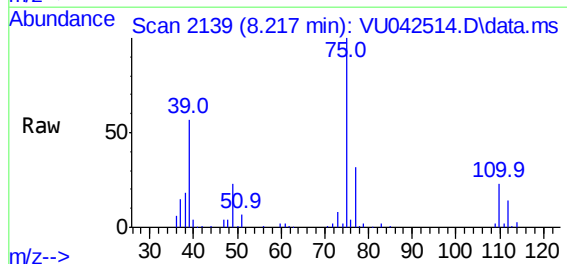
Acq: 05 Mar 2021 20:17

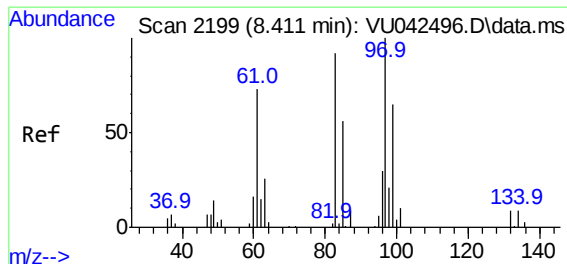
Tgt Ion: 75 Resp: 47770

Ion Ratio Lower Upper

75 100

77 31.7 21.8 40.4



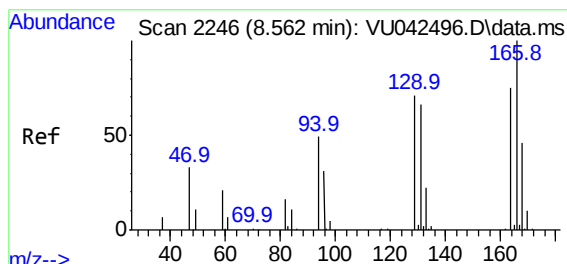
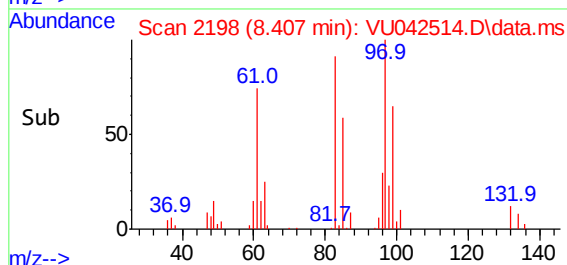
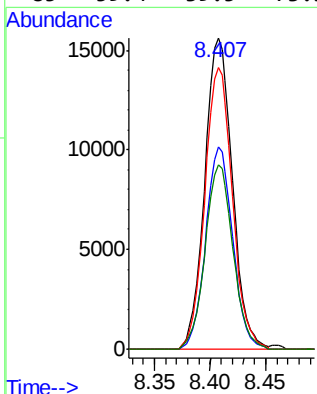
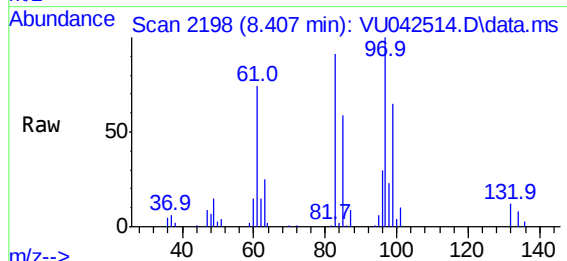


#45
1,1,2-Trichloroethane
Concen: 5.12 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. -0.000 min
Lab File: VU042514.D
Acq: 05 Mar 2021 20:17

Instrument :
MSVOA_U
ClientSampleId :
VSTD00519

Tgt Ion: 97 Resp: 26946

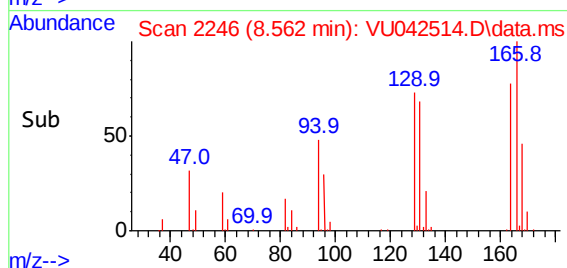
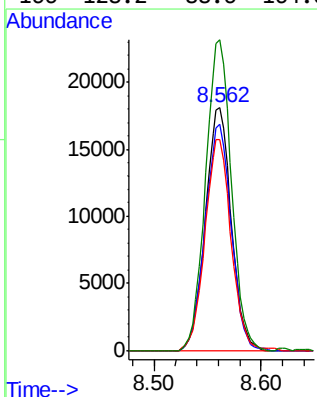
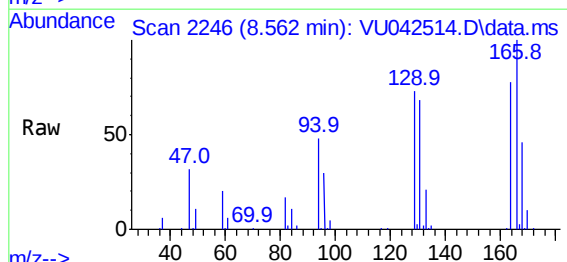
Ion	Ratio	Lower	Upper
97	100		
99	64.8	44.0	81.8
83	90.7	57.6	107.0
85	59.4	39.5	73.3

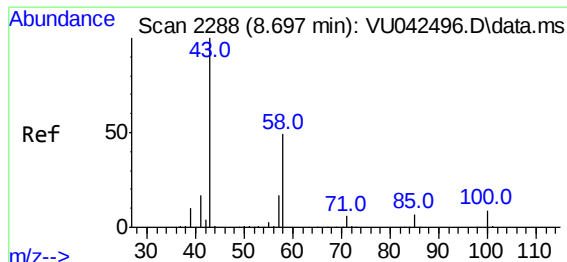


#47
Tetrachloroethene
Concen: 5.01 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU042514.D
Acq: 05 Mar 2021 20:17

Tgt Ion: 164 Resp: 29971

Ion	Ratio	Lower	Upper
164	100		
129	93.1	64.3	119.5
131	86.9	62.2	115.6
166	128.2	88.6	164.6



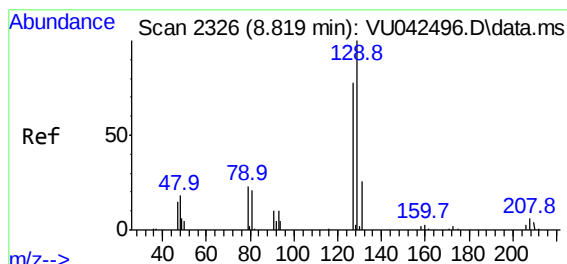
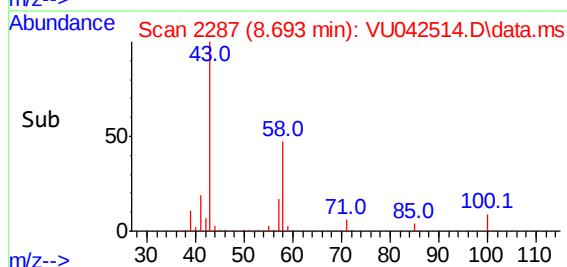
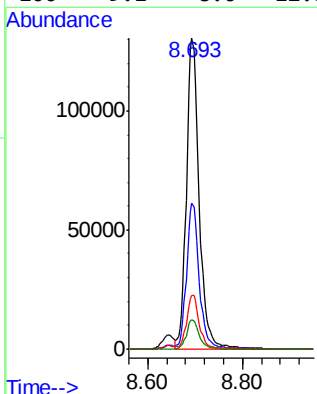
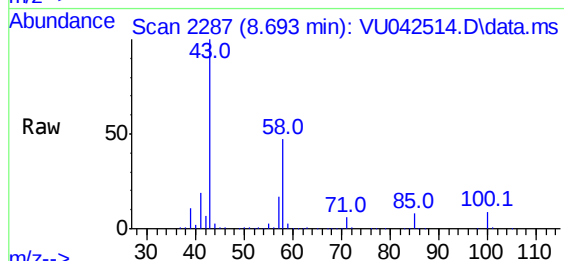


#48
2-Hexanone
Concen: 53.08 ug/L
RT: 8.693 min Scan# 2287
Delta R.T. -0.001 min
Lab File: VU042514.D
Acq: 05 Mar 2021 20:17

Instrument :
MSVOA_U
ClientSampleId :
VSTD00519

Tgt Ion: 43 Resp: 243768

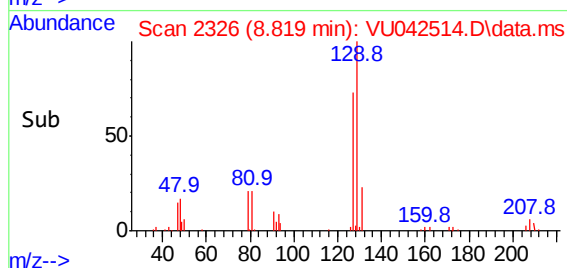
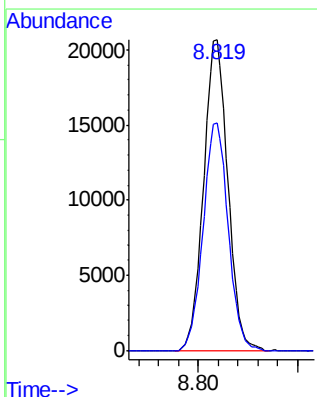
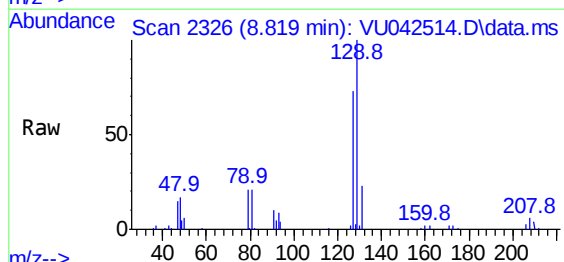
Ion	Ratio	Lower	Upper
43	100		
58	45.6	40.6	61.0
57	16.6	14.9	22.3
100	9.1	8.6	12.8

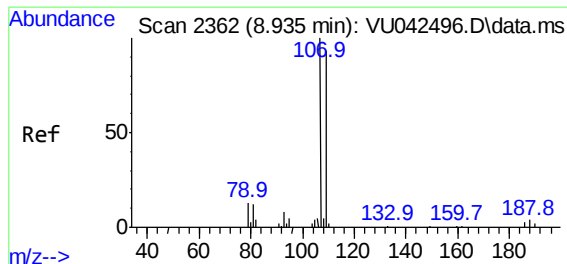


#49
Dibromochloromethane
Concen: 5.28 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VU042514.D
Acq: 05 Mar 2021 20:17

Tgt Ion: 129 Resp: 34784

Ion	Ratio	Lower	Upper
129	100		
127	73.1	52.3	97.1

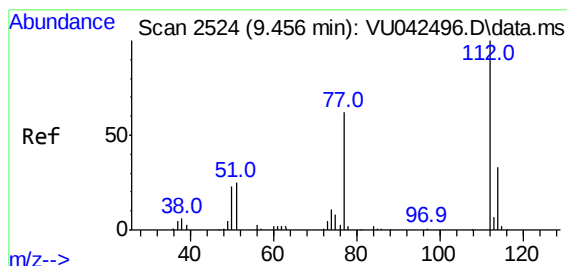
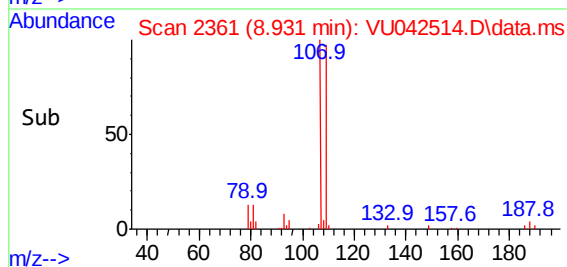
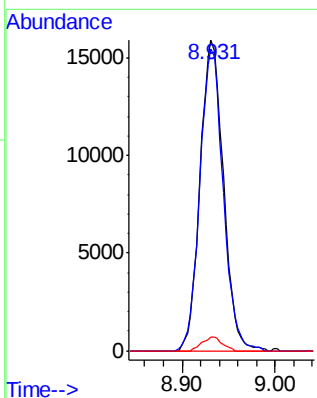
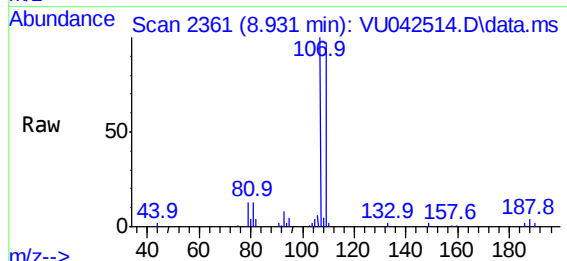




#50
1,2-Dibromoethane
Concen: 5.34 ug/L
RT: 8.931 min Scan# 2361
Delta R.T. -0.003 min
Lab File: VU042514.D
Acq: 05 Mar 2021 20:17

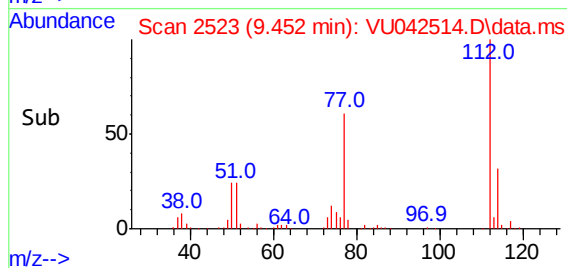
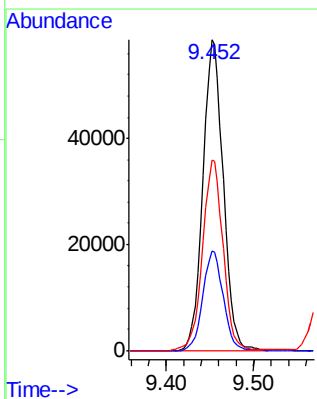
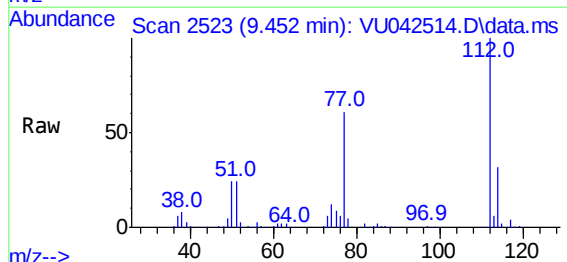
Instrument :
MSVOA_U
ClientSampleId :
VSTD00519

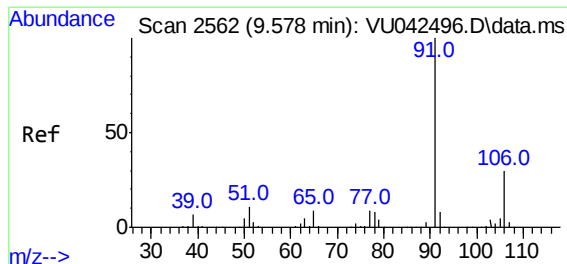
Tgt Ion:107 Resp: 27733
Ion Ratio Lower Upper
107 100
109 97.0 65.5 121.6
188 4.3 3.4 5.2



#51
Chlorobenzene
Concen: 5.11 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. -0.003 min
Lab File: VU042514.D
Acq: 05 Mar 2021 20:17

Tgt Ion:112 Resp: 94246
Ion Ratio Lower Upper
112 100
114 32.1 22.0 41.0
77 61.2 49.8 74.6

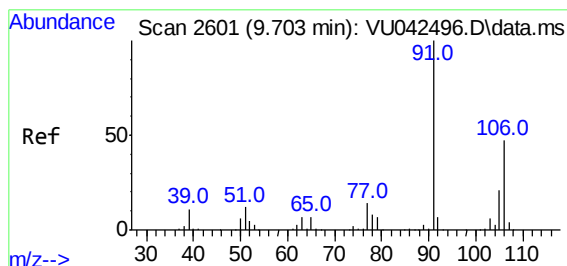
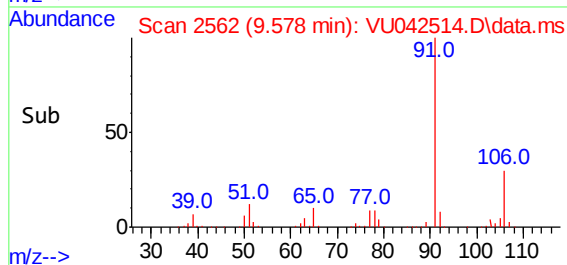
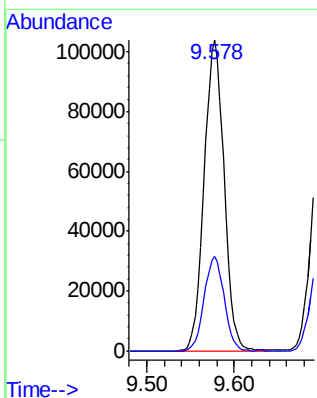
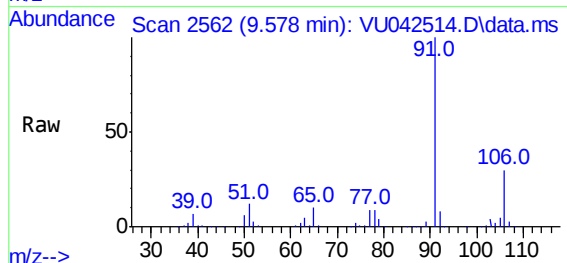




#52
Ethylbenzene
Concen: 5.05 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU042514.D
Acq: 05 Mar 2021 20:17

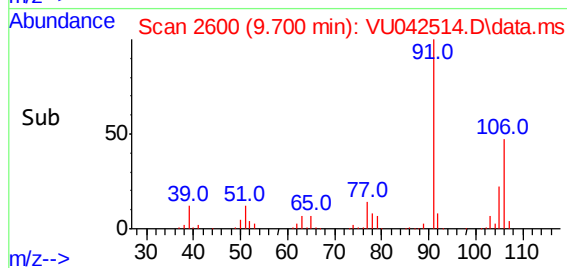
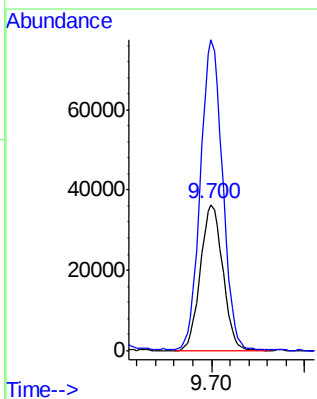
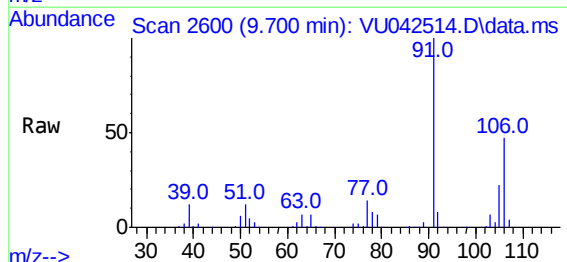
Instrument :
MSVOA_U
ClientSampleId :
VSTD00519

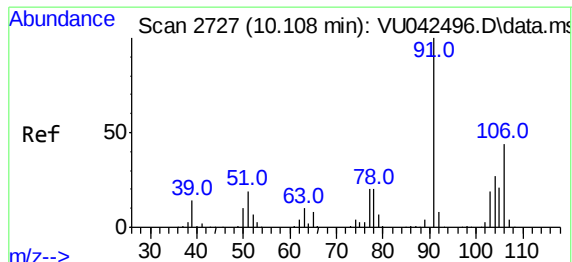
Tgt Ion: 91 Resp: 164224
Ion Ratio Lower Upper
91 100
106 30.3 21.1 39.3



#53
m,p-Xylene
Concen: 5.05 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.000 min
Lab File: VU042514.D
Acq: 05 Mar 2021 20:17

Tgt Ion: 106 Resp: 60645
Ion Ratio Lower Upper
106 100
91 212.9 145.1 269.5

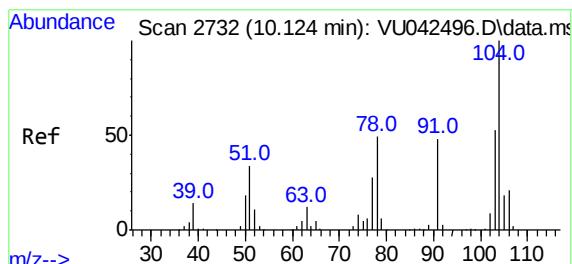
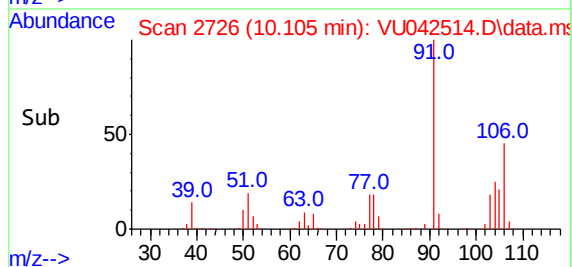
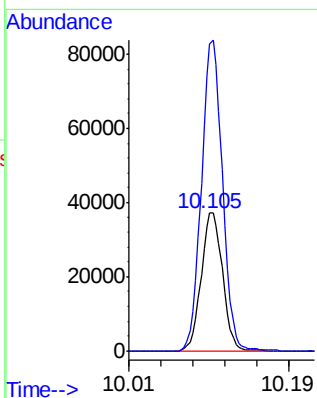
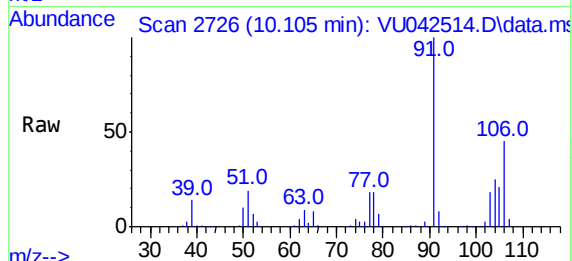




#54
o-Xylene
Concen: 5.19 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. -0.003 min
Lab File: VU042514.D
Acq: 05 Mar 2021 20:17

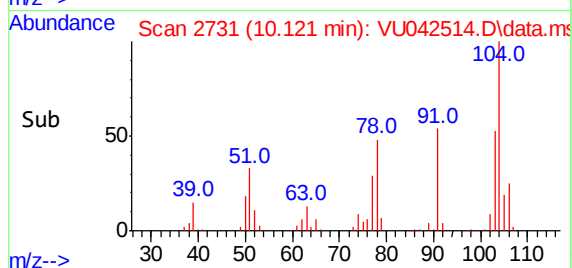
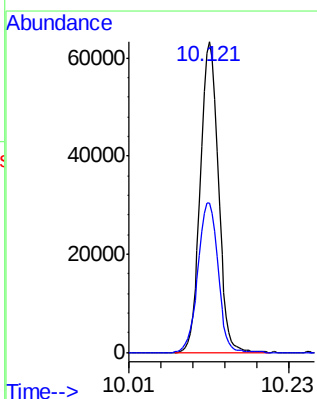
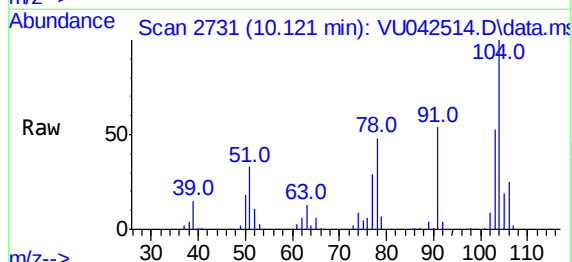
Instrument :
MSVOA_U
ClientSampleId :
VSTD00519

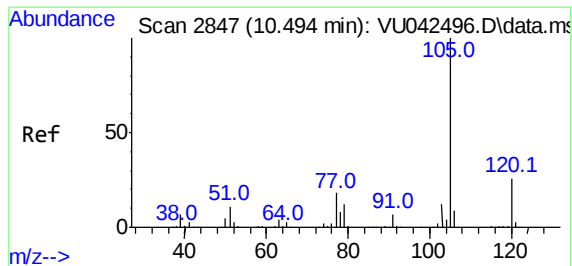
Tgt Ion:106 Resp: 60417
Ion Ratio Lower Upper
106 100
91 222.7 153.0 284.2



#55
Styrene
Concen: 5.20 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. -0.000 min
Lab File: VU042514.D
Acq: 05 Mar 2021 20:17

Tgt Ion:104 Resp: 102871
Ion Ratio Lower Upper
104 100
78 48.2 34.9 64.7

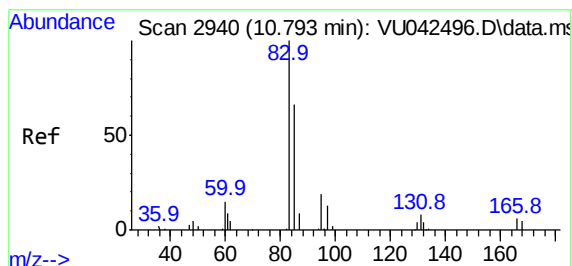
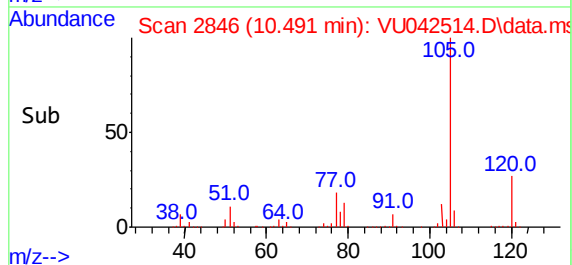
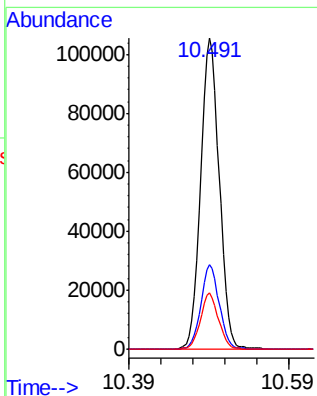
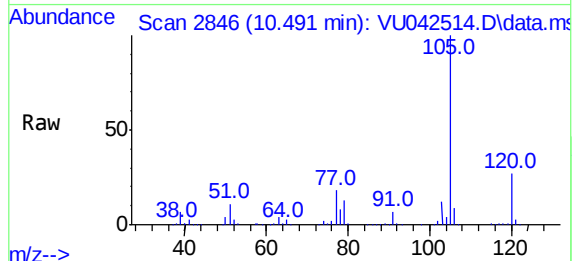




#56
Isopropylbenzene
Concen: 5.14 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. -0.000 min
Lab File: VU042514.D
Acq: 05 Mar 2021 20:17

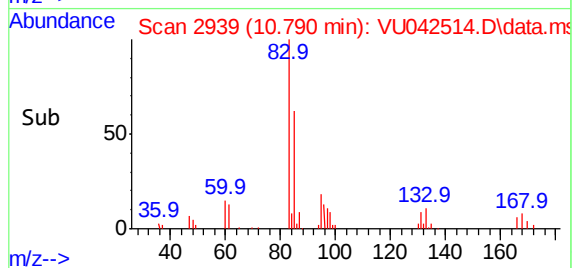
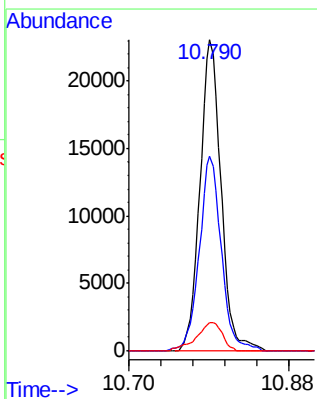
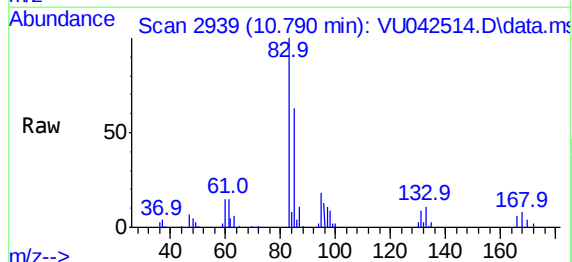
Instrument :
MSVOA_U
ClientSampleId :
VSTD00519

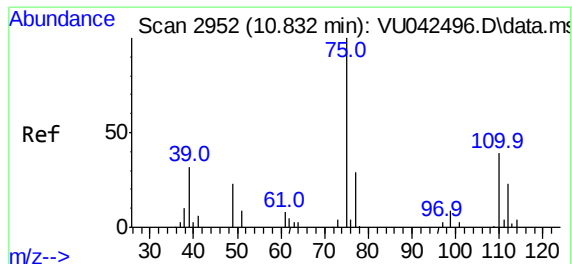
Tgt Ion:105 Resp: 164392
Ion Ratio Lower Upper
105 100
120 26.5 20.8 31.2
77 17.2 13.4 20.0



#58
1,1,2,2-Tetrachloroethane
Concen: 5.25 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. -0.000 min
Lab File: VU042514.D
Acq: 05 Mar 2021 20:17

Tgt Ion: 83 Resp: 37023
Ion Ratio Lower Upper
83 100
85 62.6 44.4 82.4
131 9.1 8.6 12.8

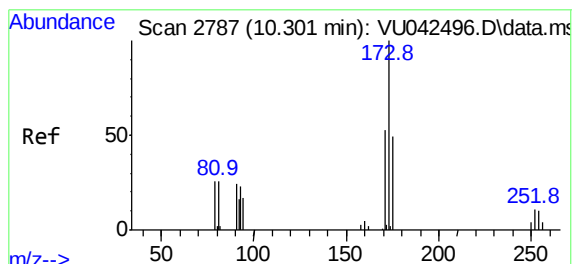
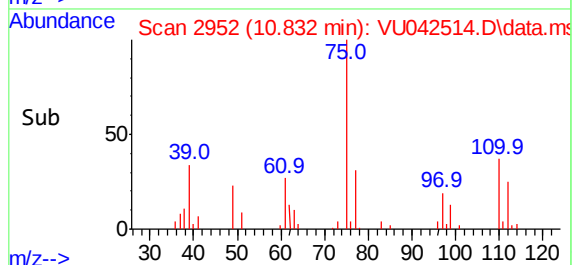
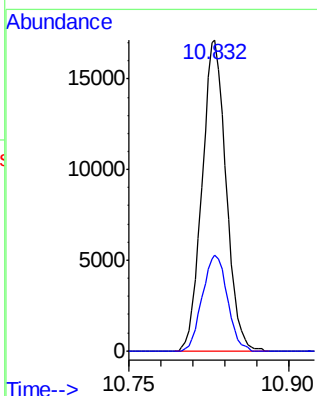
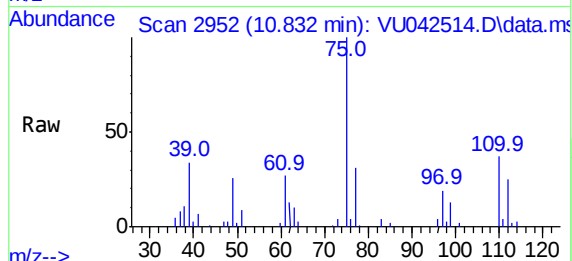




#59
1,2,3-Trichloropropane
Concen: 5.13 ug/L
RT: 10.832 min Scan# 2952
Delta R.T. -0.000 min
Lab File: VU042514.D
Acq: 05 Mar 2021 20:17

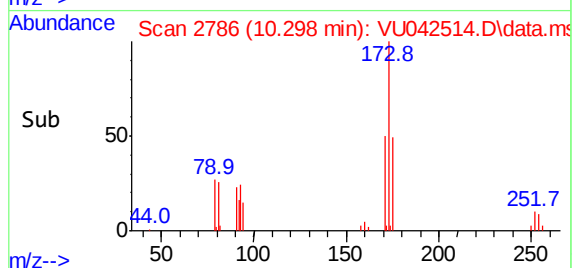
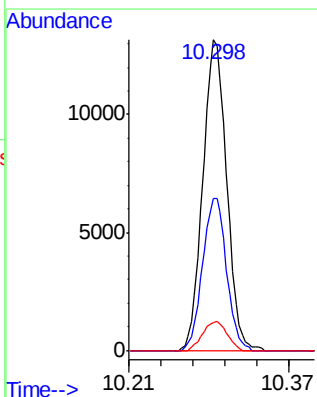
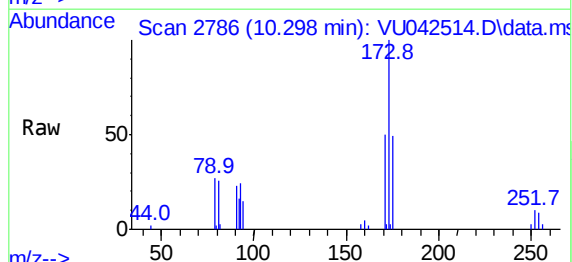
Instrument :
MSVOA_U
ClientSampleId :
VSTD00519

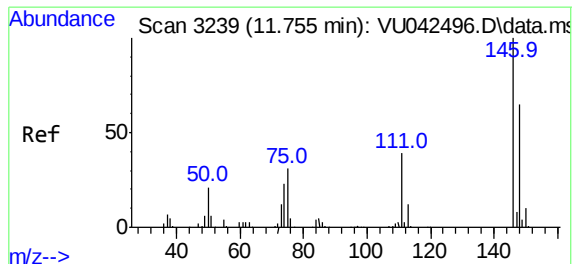
Tgt Ion: 75 Resp: 27539
Ion Ratio Lower Upper
75 100
77 32.1 26.0 39.0



#61
Bromoform
Concen: 5.34 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. -0.000 min
Lab File: VU042514.D
Acq: 05 Mar 2021 20:17

Tgt Ion:173 Resp: 21802
Ion Ratio Lower Upper
173 100
175 49.2 38.7 58.1
254 9.6 7.9 11.9

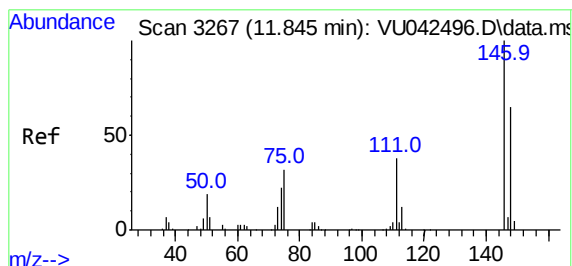
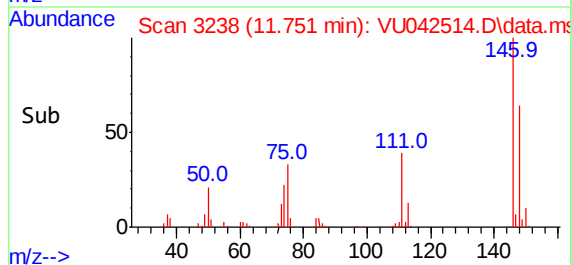
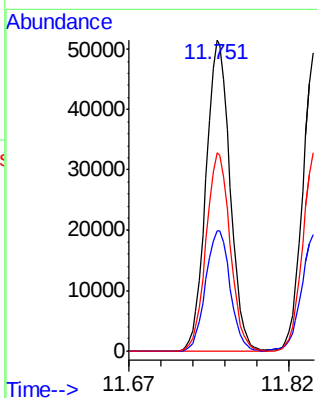
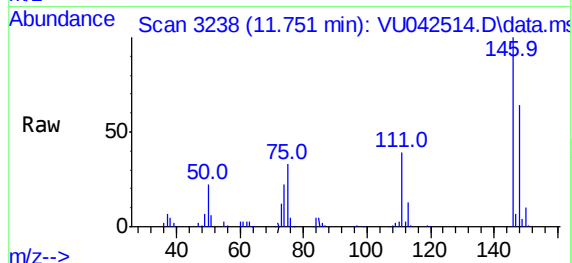




#62
1,3-Dichlorobenzene
Concen: 5.10 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. -0.003 min
Lab File: VU042514.D
Acq: 05 Mar 2021 20:17

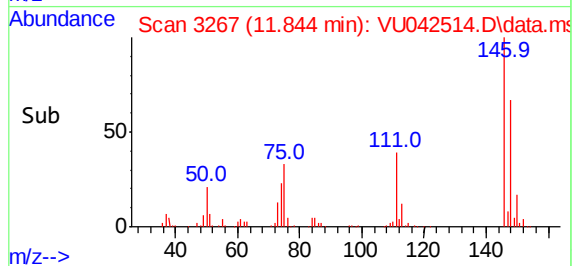
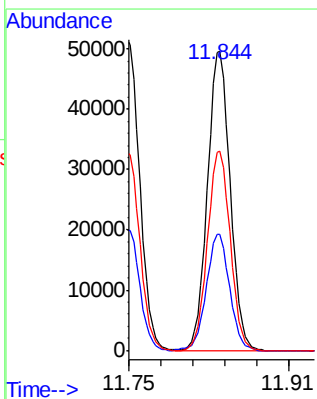
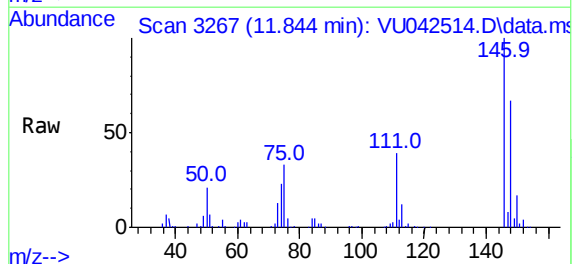
Instrument :
MSVOA_U
ClientSampleId :
VSTD00519

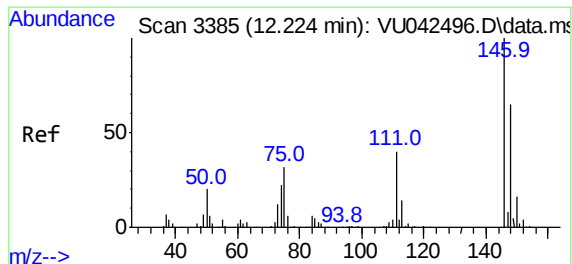
Tgt Ion:146 Resp: 79604
Ion Ratio Lower Upper
146 100
111 38.6 27.2 50.4
148 63.6 44.6 82.8



#63
1,4-Dichlorobenzene
Concen: 5.04 ug/L
RT: 11.844 min Scan# 3267
Delta R.T. -0.000 min
Lab File: VU042514.D
Acq: 05 Mar 2021 20:17

Tgt Ion:146 Resp: 78446
Ion Ratio Lower Upper
146 100
111 38.6 25.8 47.8
148 66.8 44.1 81.9

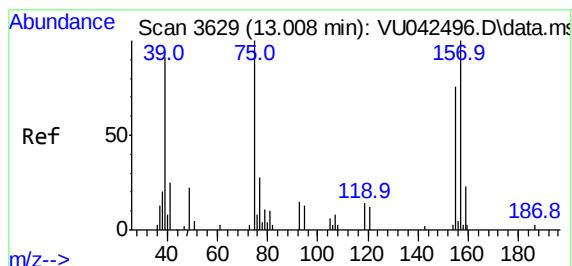
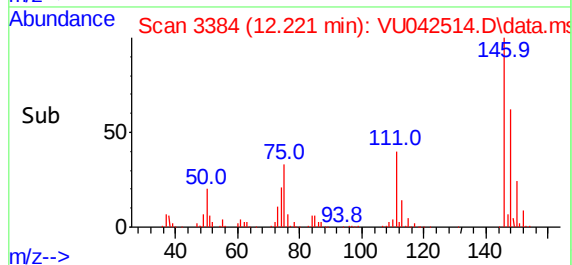
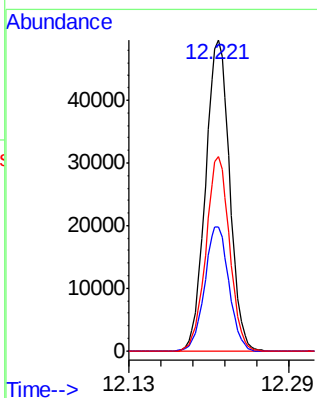
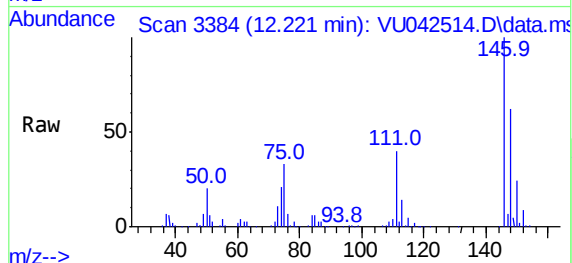




#65
1,2-Dichlorobenzene
Concen: 5.34 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. -0.000 min
Lab File: VU042514.D
Acq: 05 Mar 2021 20:17

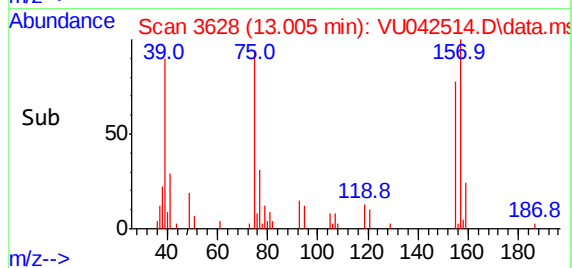
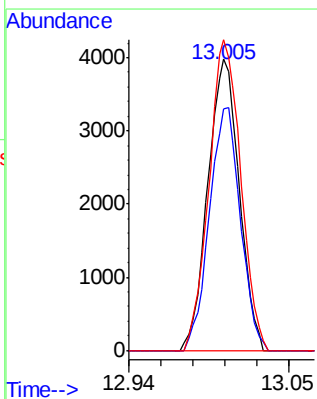
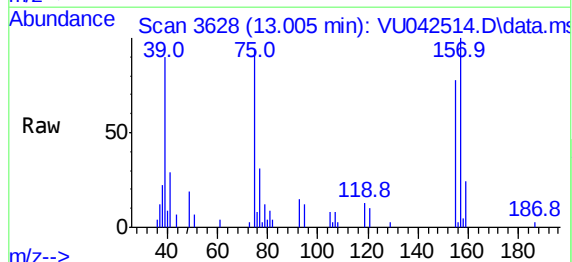
Instrument :
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ClientSampleId :
VSTD00519

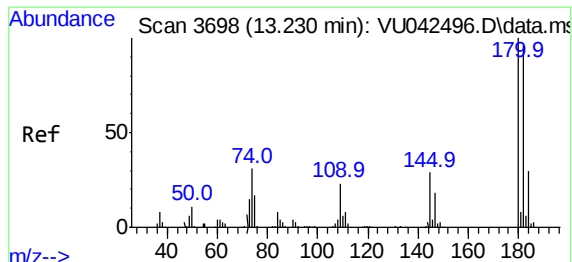
Tgt Ion:146 Resp: 80211
Ion Ratio Lower Upper
146 100
111 39.8 32.7 49.1
148 62.4 51.7 77.5



#66
1,2-Dibromo-3-chloropropane
Concen: 4.96 ug/L
RT: 13.005 min Scan# 3628
Delta R.T. -0.000 min
Lab File: VU042514.D
Acq: 05 Mar 2021 20:17

Tgt Ion: 75 Resp: 6264
Ion Ratio Lower Upper
75 100
155 82.8 69.0 103.6
157 106.4 91.0 136.6

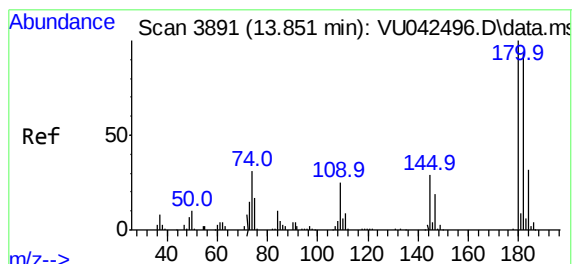
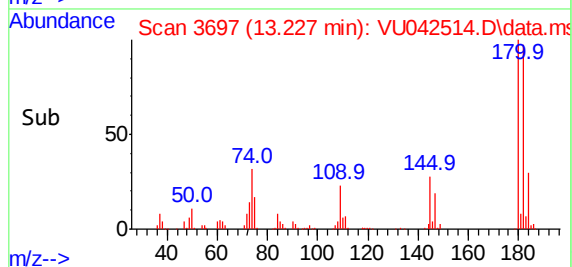
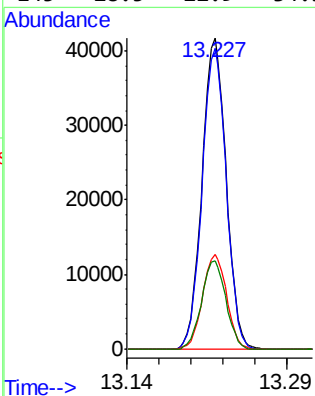
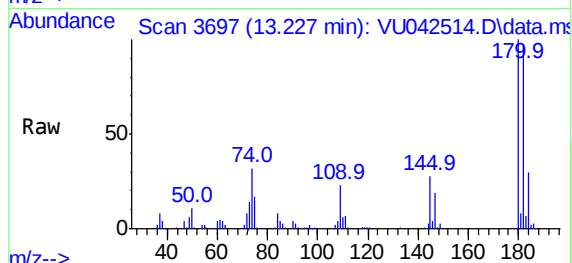




#67
1,3,5-Trichlorobenzene
Concen: 4.77 ug/L
RT: 13.227 min Scan# 3697
Delta R.T. -0.000 min
Lab File: VU042514.D
Acq: 05 Mar 2021 20:17

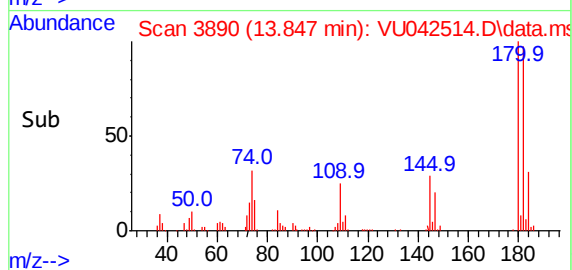
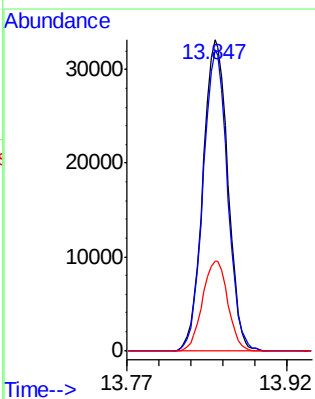
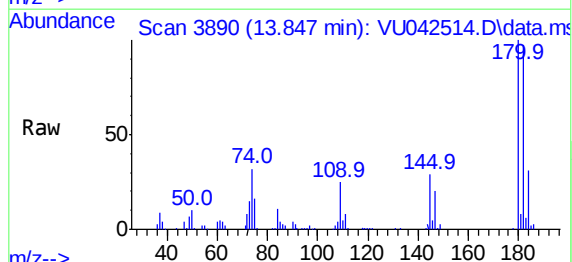
Instrument :
MSVOA_U
ClientSampleId :
VSTD00519

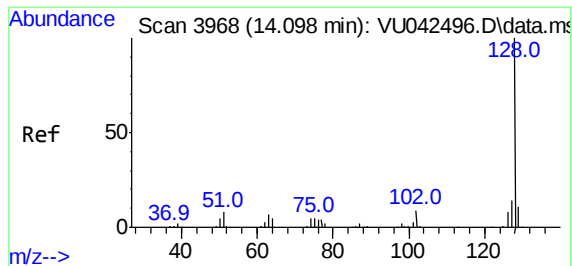
Tgt Ion:180 Resp: 64493
Ion Ratio Lower Upper
180 100
182 96.7 76.4 114.6
184 30.2 23.9 35.9
145 28.5 22.9 34.3



#68
1,2,4-trichlorobenzene
Concen: 4.74 ug/L
RT: 13.847 min Scan# 3890
Delta R.T. -0.000 min
Lab File: VU042514.D
Acq: 05 Mar 2021 20:17

Tgt Ion:180 Resp: 53080
Ion Ratio Lower Upper
180 100
182 94.8 76.3 114.5
145 29.0 23.7 35.5

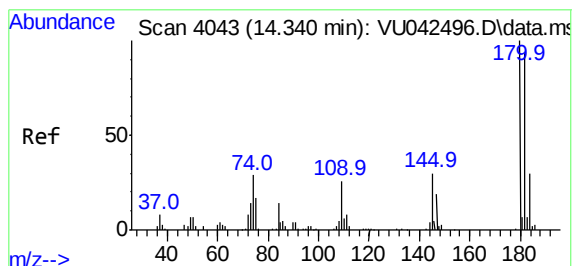
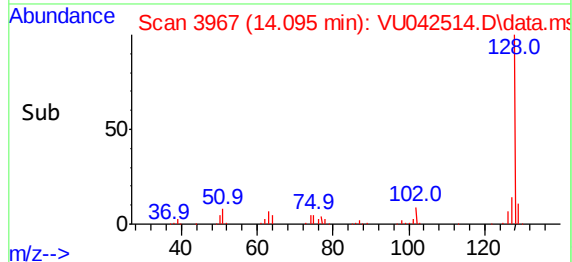
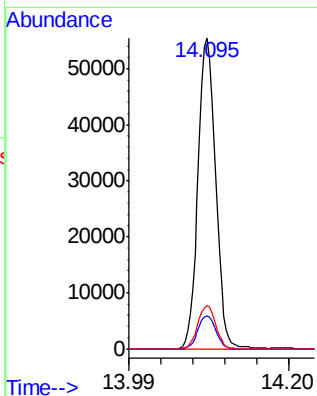
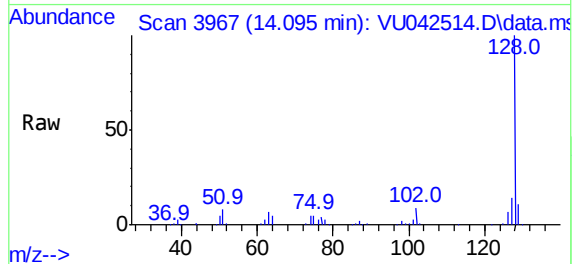




#69
Naphthalene
Concen: 4.88 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. -0.000 min
Lab File: VU042514.D
Acq: 05 Mar 2021 20:17

Instrument :
MSVOA_U
ClientSampleId :
VSTD00519

Tgt Ion:128 Resp: 88724
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 14.1 10.6 15.8



#70
1,2,3-Trichlorobenzene
Concen: 4.99 ug/L
RT: 14.339 min Scan# 4043
Delta R.T. -0.000 min
Lab File: VU042514.D
Acq: 05 Mar 2021 20:17

Tgt Ion:180 Resp: 50657
Ion Ratio Lower Upper
180 100
182 94.3 75.6 113.4
145 30.1 24.7 37.1

