

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020921\
 Data File : VU042302.D
 Acq On : 09 Feb 2021 17:18
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00513

Quant Time: Feb 10 02:32:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Feb 10 02:29:25 2021
 Response via : Initial Calibration

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

Internal Standards					
1) 1,4-Difluorobenzene	6.256	114	101817	5.00 ug/L	0.00
28) Chlorobenzene-d5	9.423	117	94610	5.00 ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	51581	5.00 ug/L	0.00

System Monitoring Compounds					
4) Vinyl Chloride-d3	1.604	65	30151	4.59 ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 91.80%
7) Chloroethane-d5	1.919	69	26740	5.05 ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 101.00%
11) 1,1-Dichloroethene-d2	2.575	63	76051	5.26 ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 105.20%
20) 2-Butanone-d5	4.642	46	117974	49.23 ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 98.46%
24) Chloroform-d	5.073	84	75610	5.51 ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 110.20%
26) 1,2-Dichloroethane-d4	5.713	65	46101	5.62 ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 112.40%
32) Benzene-d6	5.739	84	134745	5.45 ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 109.00%
36) 1,2-Dichloropropane-d6	6.700	67	45138	5.66 ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 113.20%
41) Toluene-d8	7.906	98	123304	5.28 ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 105.60%
43) trans-1,3-Dichloroprop...	8.185	79	19432	4.81 ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 96.20%
46) 2-Hexanone-d5	8.645	63	101373	57.64 ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 115.28%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	39892	5.84 ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 116.80%
64) 1,2-Dichlorobenzene-d4	12.201	152	51878	5.60 ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 112.00%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.388	85	41346	4.31 ug/L	100
3) Chloromethane	1.523	50	38113	4.46 ug/L	99
5) Vinyl chloride	1.607	62	39895	4.87 ug/L	97
6) Bromomethane	1.864	94	22535	4.64 ug/L	100
8) Chloroethane	1.941	64	22997	4.84 ug/L	98
9) Trichlorofluoromethane	2.144	101	62058	5.58 ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	37040	5.16 ug/L	96
12) 1,1-Dichloroethene	2.588	96	33327	4.83 ug/L	83
13) Acetone	2.652	43	55787	34.95 ug/L	93
14) Carbon disulfide	2.803	76	101627	4.44 ug/L	98
15) Methyl Acetate	2.964	43	16224	4.31 ug/L	98
16) Methylene chloride	3.057	84	37083	4.56 ug/L	95
17) Methyl tert-butyl Ether	3.372	73	98317	4.92 ug/L	100
18) trans-1,2-Dichloroethene	3.363	96	34873	4.75 ug/L	95
19) 1,1-Dichloroethane	3.880	63	70900	5.23 ug/L	98
21) 2-Butanone	4.723	43	145735	54.50 ug/L	86
22) cis-1,2-Dichloroethene	4.678	96	38679	4.94 ug/L	97
23) Bromochloromethane	4.983	128	18008	4.98 ug/L	92
25) Chloroform	5.099	83	73409	5.24 ug/L	94
27) 1,2-Dichloroethane	5.806	62	54114	5.45 ug/L	95

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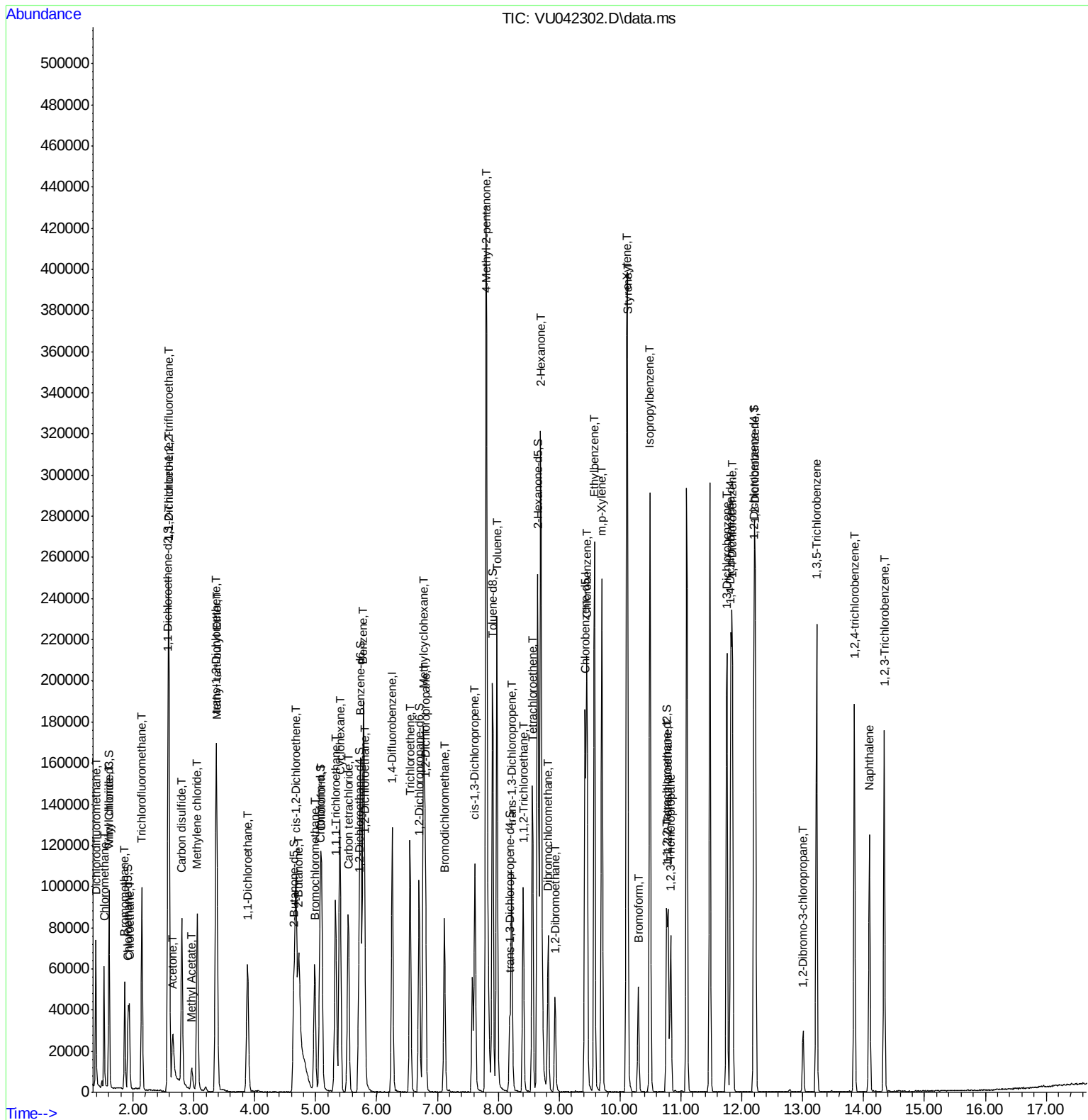
Quant Time: Feb 10 02:32:23 2021
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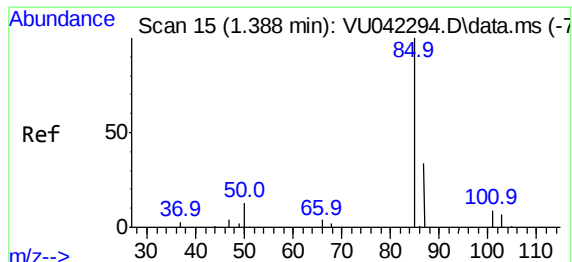
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	5.327	97	66307	5.32	ug/L	97
30) Cyclohexane	5.398	56	66980	5.00	ug/L	98
31) Carbon tetrachloride	5.536	117	57937	5.27	ug/L	99
33) Benzene	5.784	78	150630	5.41	ug/L	100
34) Trichloroethene	6.549	95	40010	5.33	ug/L	96
35) Methylcyclohexane	6.771	83	63241	5.02	ug/L	97
37) 1,2-Dichloropropane	6.800	63	40907	5.58	ug/L	99
38) Bromodichloromethane	7.115	83	53188	5.25	ug/L	97
39) cis-1,3-Dichloropropene	7.616	75	60420	5.01	ug/L	99
40) 4-Methyl-2-pentanone	7.803	43	354987	56.60	ug/L	97
42) Toluene	7.976	91	162436	5.39	ug/L	97
44) trans-1,3-Dichloropropene	8.218	75	55181	4.99	ug/L	99
45) 1,1,2-Trichloroethane	8.411	97	30274	5.58	ug/L	99
47) Tetrachloroethene	8.562	164	33196	5.32	ug/L	97
48) 2-Hexanone	8.697	43	263496	60.43	ug/L	96
49) Dibromochloromethane	8.819	129	37266	5.17	ug/L	97
50) 1,2-Dibromoethane	8.935	107	29798	5.32	ug/L	100
51) Chlorobenzene	9.456	112	102434	5.32	ug/L	98
52) Ethylbenzene	9.578	91	181969	5.27	ug/L	99
53) m,p-Xylene	9.703	106	66924	5.17	ug/L	100
54) o-Xylene	10.108	106	66414	5.29	ug/L	100
55) Styrene	10.121	104	110556	5.12	ug/L	98
56) Isopropylbenzene	10.491	105	180454	5.21	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.790	83	38388	5.54	ug/L	96
59) 1,2,3-Trichloropropane	10.832	75	30348	5.86	ug/L	99
61) Bromoform	10.301	173	22960	4.92	ug/L	98
62) 1,3-Dichlorobenzene	11.754	146	83277	5.17	ug/L	97
63) 1,4-Dichlorobenzene	11.845	146	82225	5.11	ug/L	98
65) 1,2-Dichlorobenzene	12.221	146	80996	5.41	ug/L	97
66) 1,2-Dibromo-3-chloropr...	13.008	75	6971	5.22	ug/L	92
67) 1,3,5-Trichlorobenzene	13.227	180	68610	5.33	ug/L	99
68) 1,2,4-trichlorobenzene	13.848	180	56612	5.56	ug/L	99
69) Naphthalene	14.095	128	94634	6.35	ug/L	100
70) 1,2,3-Trichlorobenzene	14.340	180	51635	5.72	ug/L	98

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

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#2

Dichlorodifluoromethane

Concen: 4.31 ug/L

RT: 1.388 min Scan# 15

Delta R.T. 0.000 min

Lab File: VU042302.D

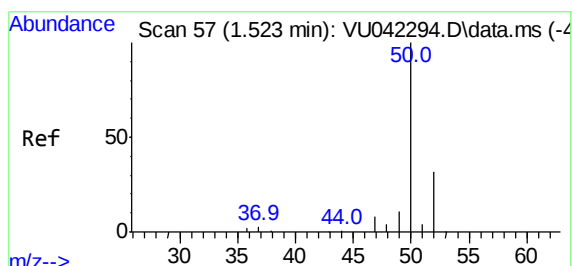
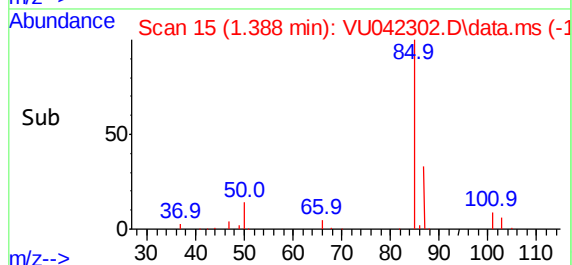
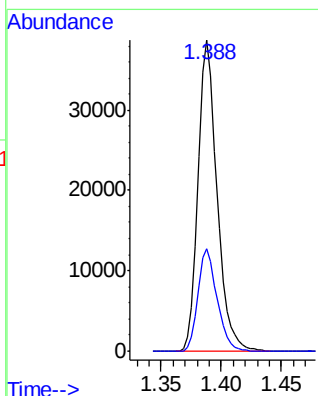
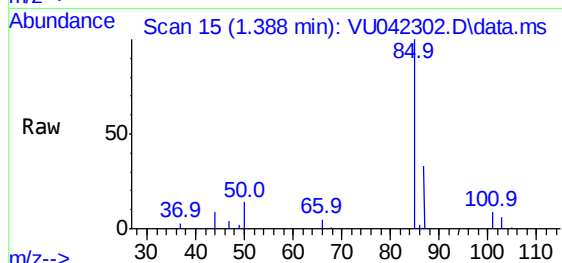
Acq: 09 Feb 2021 17:18

Tgt Ion: 85 Resp: 41346

Ion Ratio Lower Upper

85 100

87 32.8 26.1 39.1



#3

Chloromethane

Concen: 4.46 ug/L

RT: 1.523 min Scan# 57

Delta R.T. 0.000 min

Lab File: VU042302.D

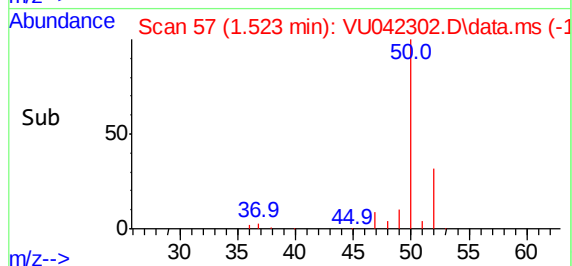
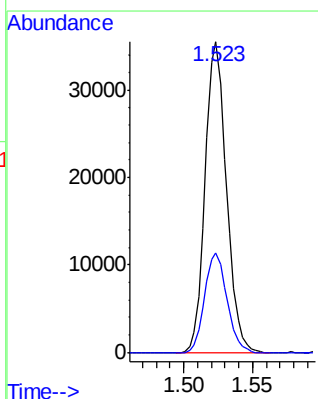
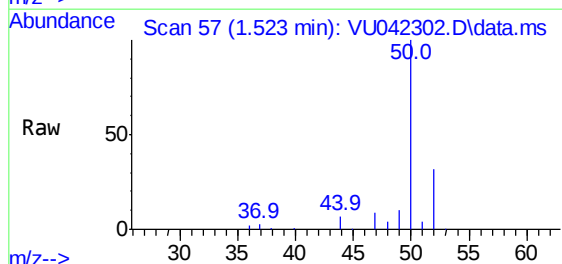
Acq: 09 Feb 2021 17:18

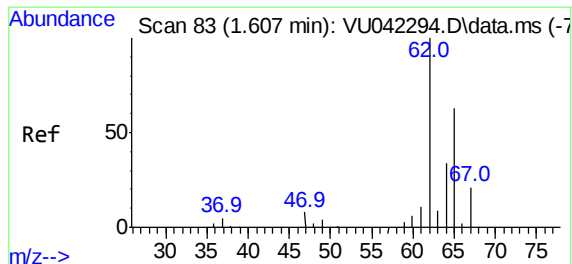
Tgt Ion: 50 Resp: 38113

Ion Ratio Lower Upper

50 100

52 32.2 23.0 42.8

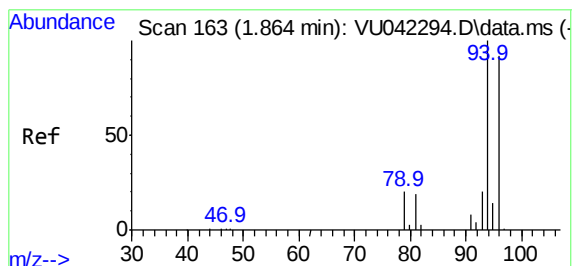
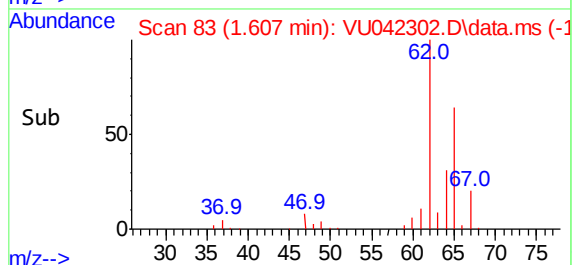
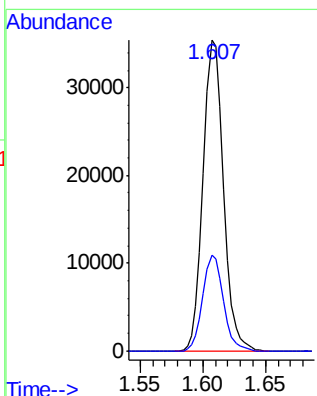
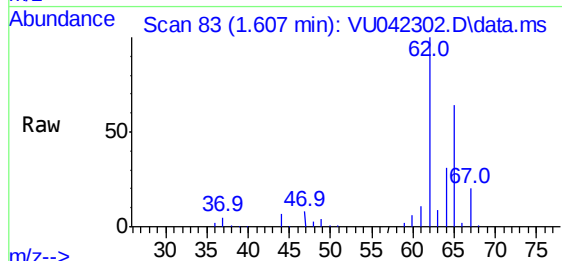




#5
 Vinyl chloride
 Concen: 4.87 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU042302.D
 Acq: 09 Feb 2021 17:18

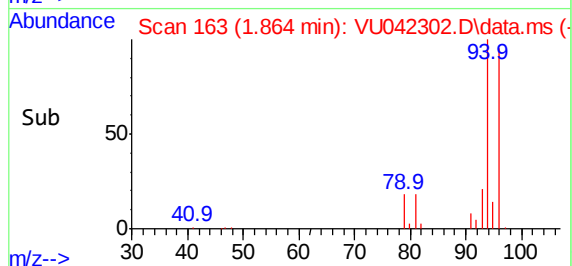
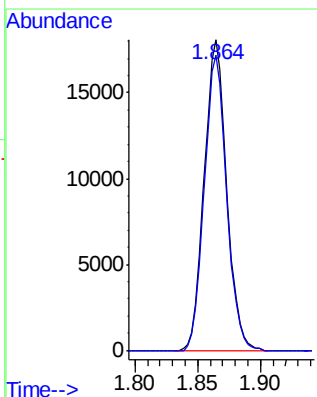
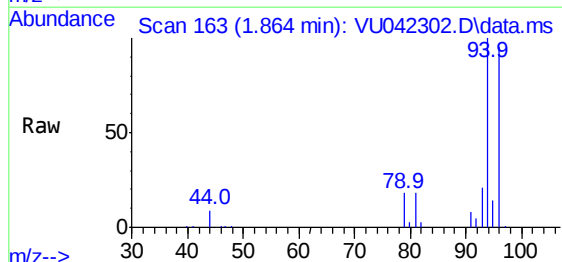
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00513

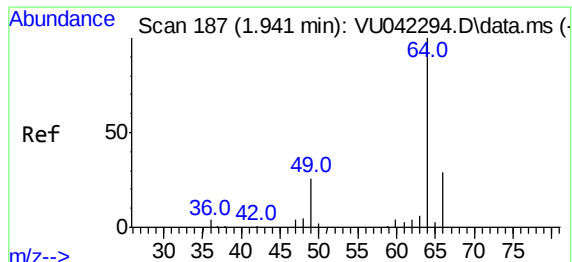
Tgt Ion: 62 Resp: 39895
 Ion Ratio Lower Upper
 62 100
 64 30.8 22.7 42.1



#6
 Bromomethane
 Concen: 4.64 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.000 min
 Lab File: VU042302.D
 Acq: 09 Feb 2021 17:18

Tgt Ion: 94 Resp: 22535
 Ion Ratio Lower Upper
 94 100
 96 95.1 66.5 123.5

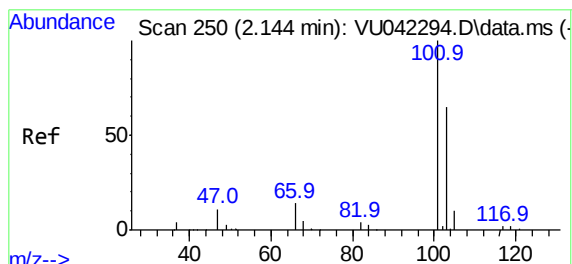
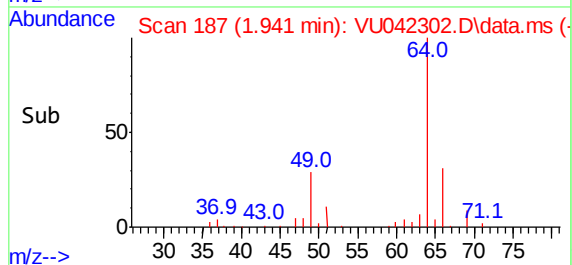
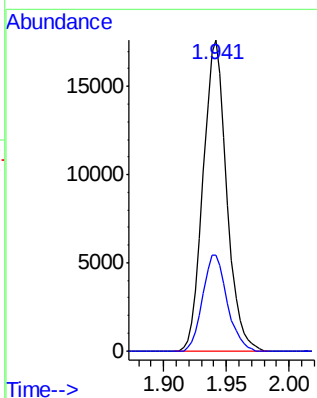
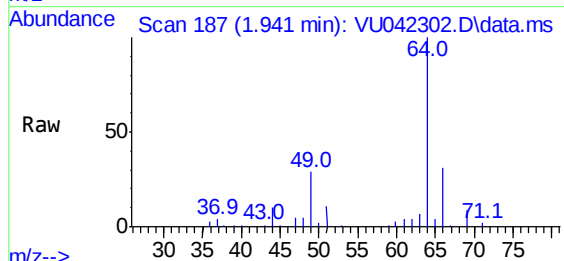




#8
Chloroethane
Concen: 4.84 ug/L
RT: 1.941 min Scan# 187
Delta R.T. 0.000 min
Lab File: VU042302.D
Acq: 09 Feb 2021 17:18

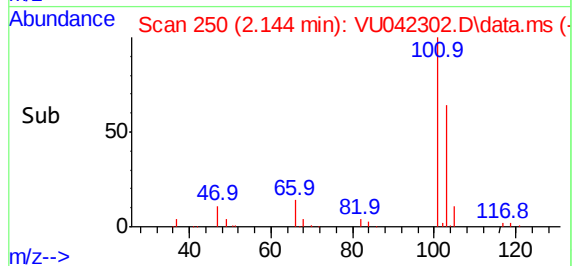
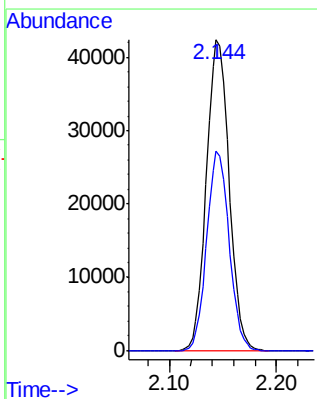
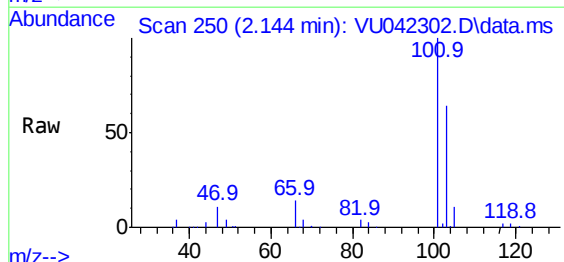
Instrument :
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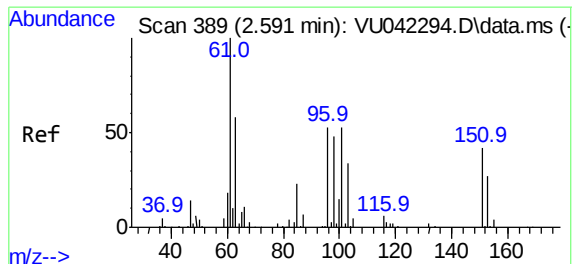
Tgt Ion: 64 Resp: 22997
Ion Ratio Lower Upper
64 100
66 30.7 22.2 41.2



#9
Trichlorofluoromethane
Concen: 5.58 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU042302.D
Acq: 09 Feb 2021 17:18

Tgt Ion: 101 Resp: 62058
Ion Ratio Lower Upper
101 100
103 63.2 51.8 77.8



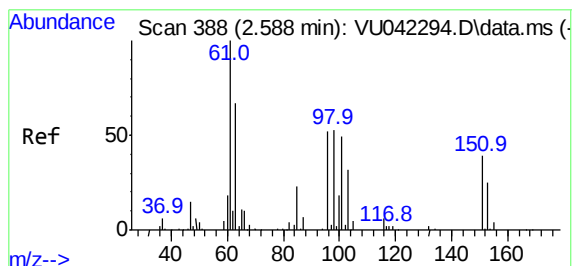
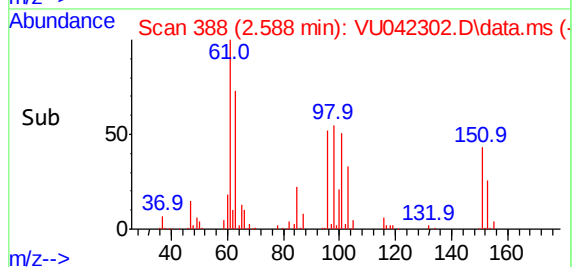
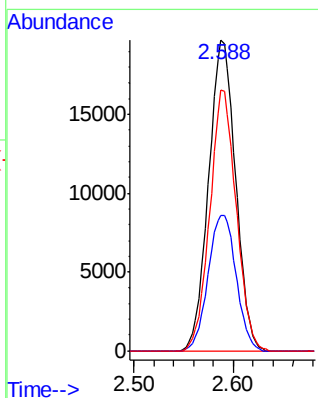
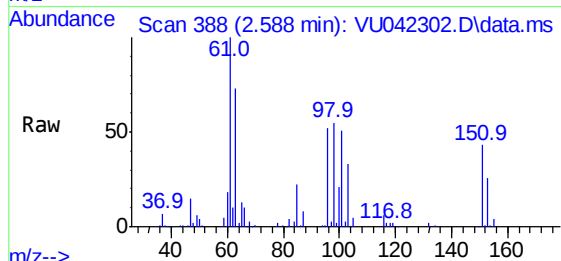


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.16 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. -0.003 min
 Lab File: VU042302.D
 Acq: 09 Feb 2021 17:18

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00513

Tgt Ion:101 Resp: 37040

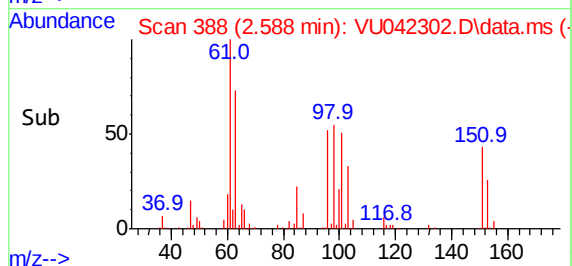
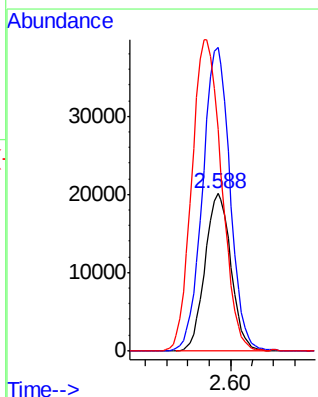
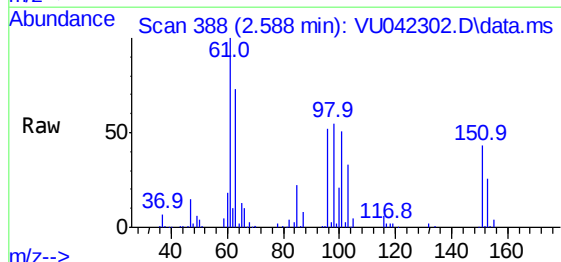
Ion	Ratio	Lower	Upper
101	100		
85	45.2	34.6	51.8
151	82.0	62.7	94.1

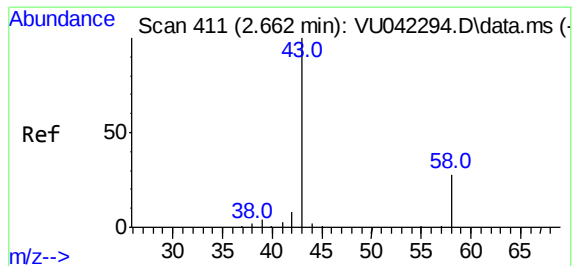


#12
 1,1-Dichloroethene
 Concen: 4.83 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU042302.D
 Acq: 09 Feb 2021 17:18

Tgt Ion: 96 Resp: 33327

Ion	Ratio	Lower	Upper
96	100		
61	193.4	126.2	234.4
63	141.3	77.8	144.4

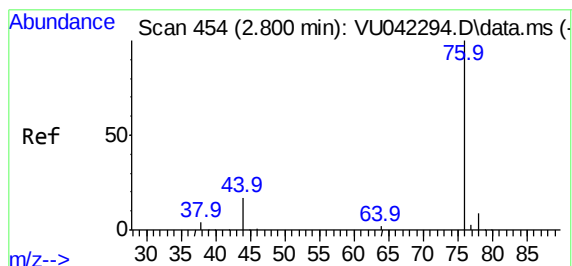
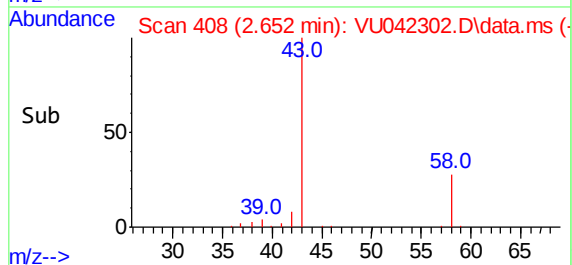
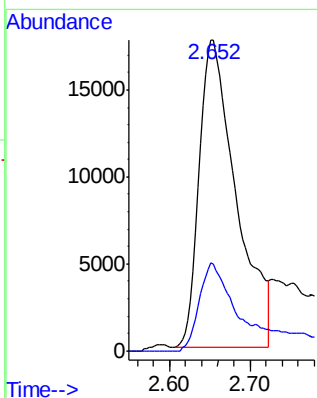
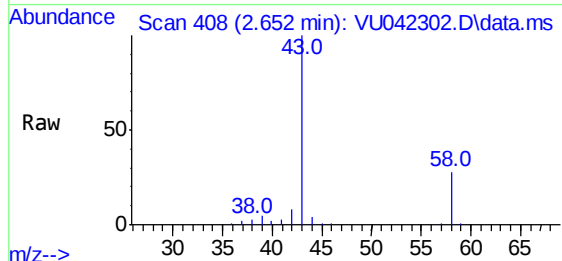




#13
Acetone
Concen: 34.95 ug/L
RT: 2.652 min Scan# 408
Delta R.T. -0.010 min
Lab File: VU042302.D
Acq: 09 Feb 2021 17:18

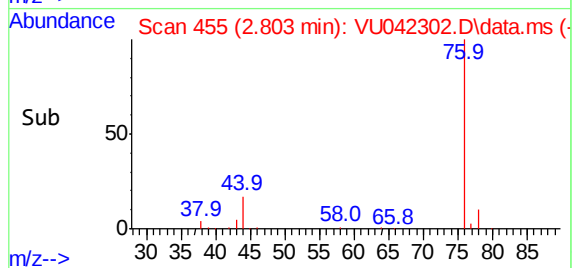
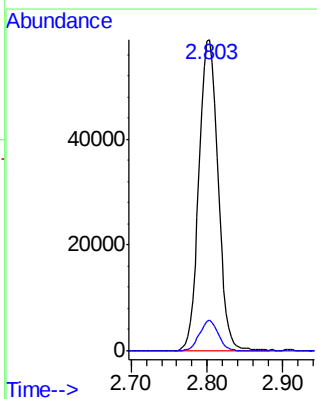
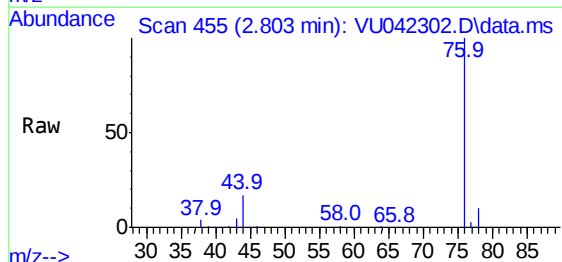
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ClientSampleId :
VSTD00513

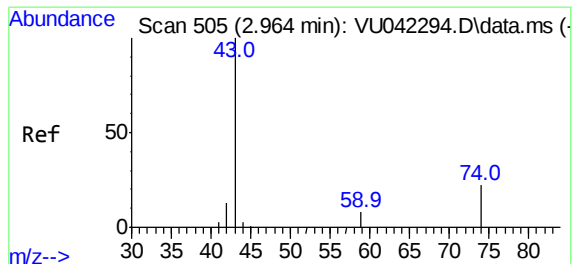
Tgt Ion: 43 Resp: 55787
Ion Ratio Lower Upper
43 100
58 31.8 0.0 55.8



#14
Carbon disulfide
Concen: 4.44 ug/L
RT: 2.803 min Scan# 455
Delta R.T. 0.003 min
Lab File: VU042302.D
Acq: 09 Feb 2021 17:18

Tgt Ion: 76 Resp: 101627
Ion Ratio Lower Upper
76 100
78 9.7 7.3 10.9

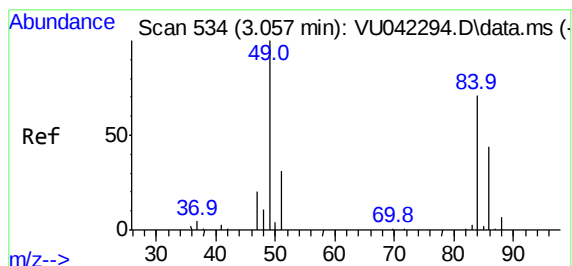
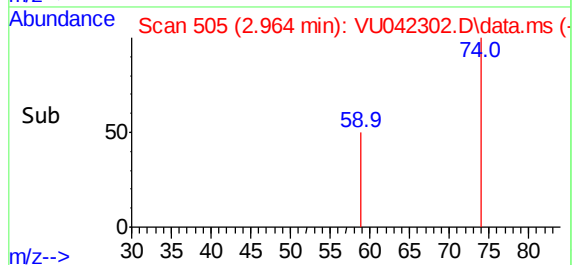
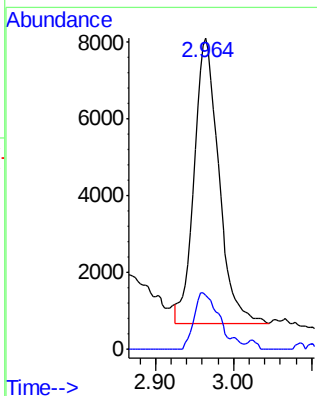
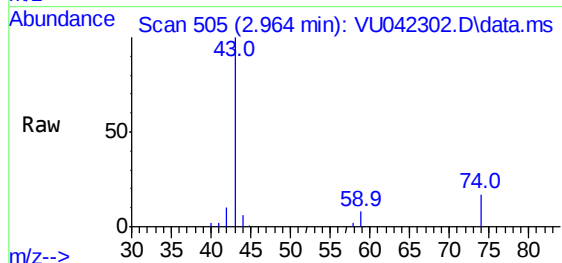




#15
Methyl Acetate
Concen: 4.31 ug/L
RT: 2.964 min Scan# 505
Delta R.T. 0.000 min
Lab File: VU042302.D
Acq: 09 Feb 2021 17:18

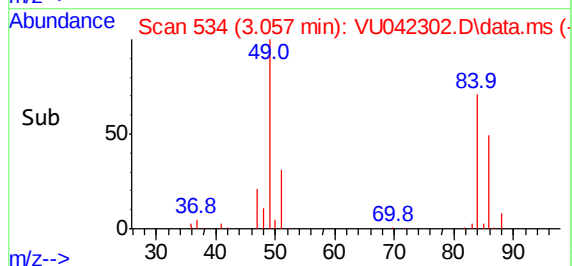
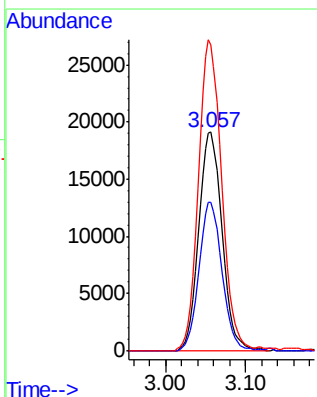
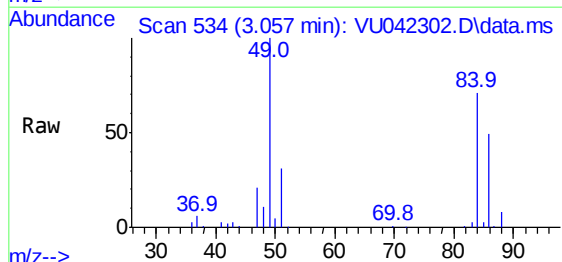
Instrument :
MSVOA_U
ClientSampleId :
VSTD00513

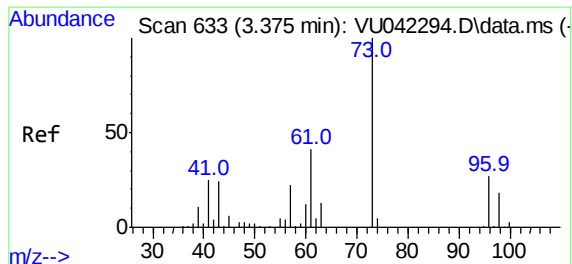
Tgt Ion: 43 Resp: 16224
Ion Ratio Lower Upper
43 100
74 20.3 16.9 25.3



#16
Methylene chloride
Concen: 4.56 ug/L
RT: 3.057 min Scan# 534
Delta R.T. 0.000 min
Lab File: VU042302.D
Acq: 09 Feb 2021 17:18

Tgt Ion: 84 Resp: 37083
Ion Ratio Lower Upper
84 100
86 68.2 44.1 81.9
49 140.3 95.0 176.4

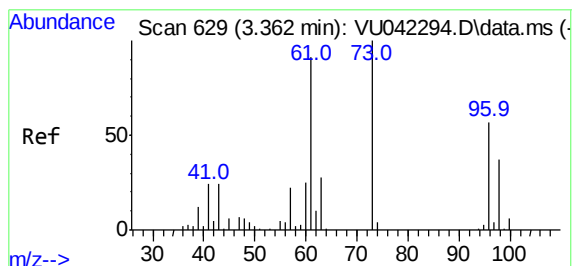
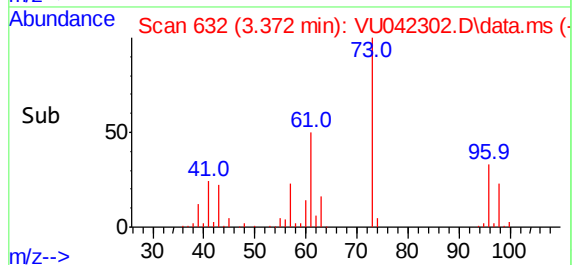
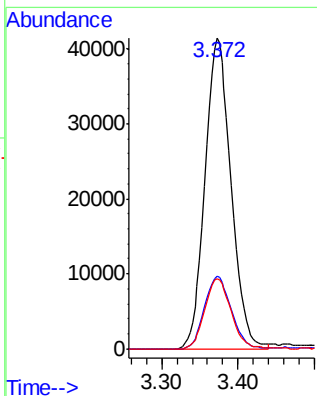
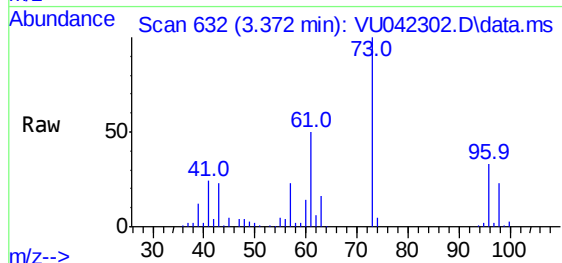




#17
Methyl tert-butyl Ether
Concen: 4.92 ug/L
RT: 3.372 min Scan# 632
Delta R.T. -0.003 min
Lab File: VU042302.D
Acq: 09 Feb 2021 17:18

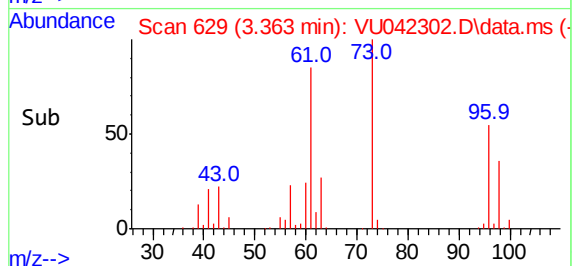
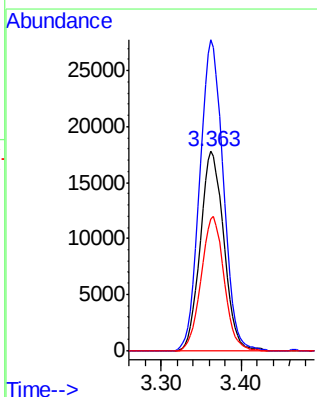
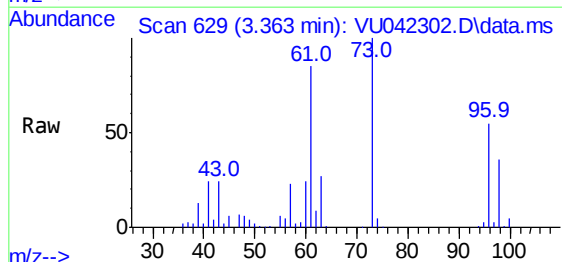
Instrument :
MSVOA_U
ClientSampleId :
VSTD00513

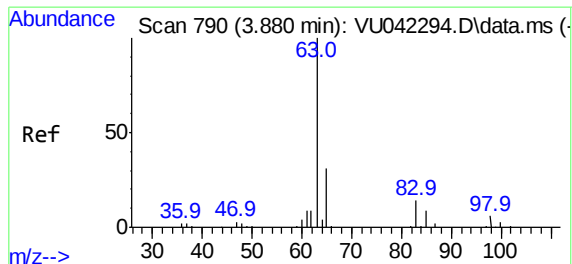
Tgt Ion: 73 Resp: 98317
Ion Ratio Lower Upper
73 100
43 24.0 18.9 28.3
57 22.8 18.2 27.4



#18
trans-1,2-Dichloroethene
Concen: 4.75 ug/L
RT: 3.363 min Scan# 629
Delta R.T. 0.000 min
Lab File: VU042302.D
Acq: 09 Feb 2021 17:18

Tgt Ion: 96 Resp: 34873
Ion Ratio Lower Upper
96 100
61 156.2 105.7 196.3
98 66.1 42.8 79.6

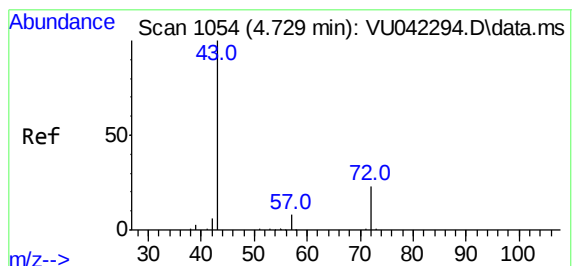
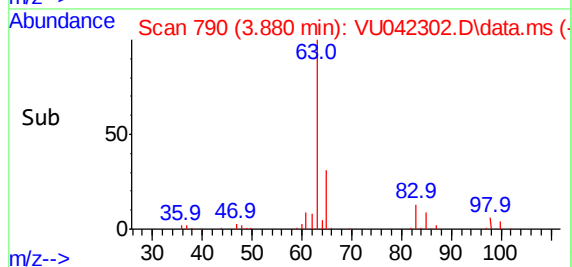
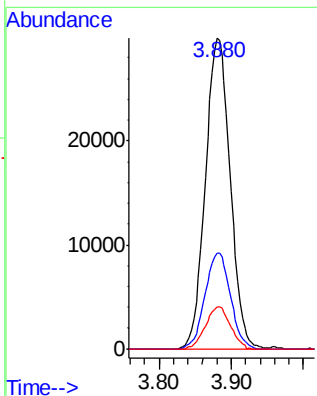
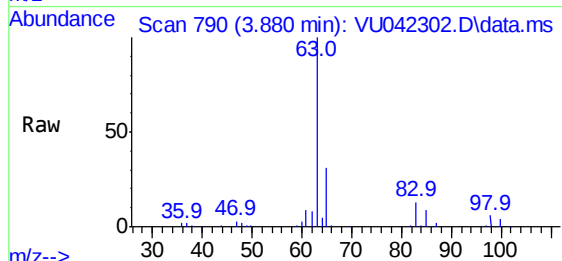




#19
1,1-Dichloroethane
Concen: 5.23 ug/L
RT: 3.880 min Scan# 790
Delta R.T. 0.000 min
Lab File: VU042302.D
Acq: 09 Feb 2021 17:18

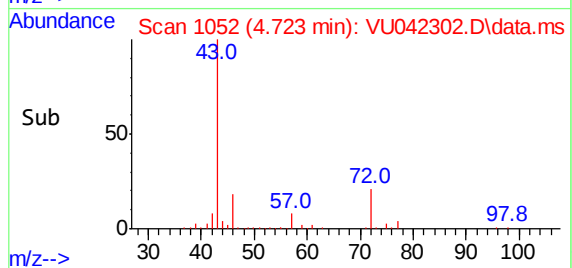
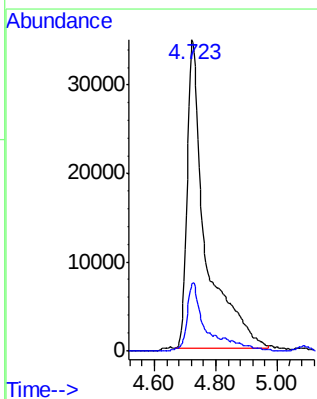
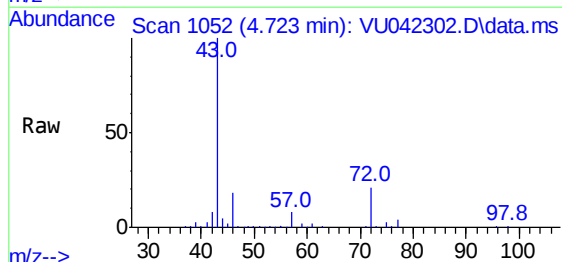
Instrument :
MSVOA_U
ClientSampleId :
VSTD00513

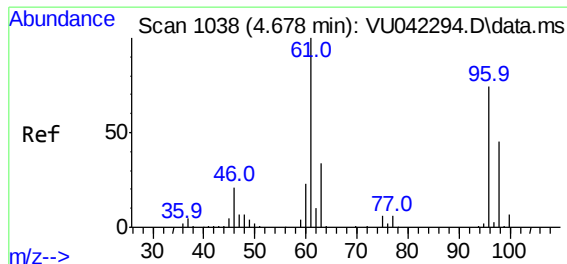
Tgt Ion: 63 Resp: 70900
Ion Ratio Lower Upper
63 100
65 30.8 22.5 41.9
83 13.5 10.1 18.7



#21
2-Butanone
Concen: 54.50 ug/L
RT: 4.723 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VU042302.D
Acq: 09 Feb 2021 17:18

Tgt Ion: 43 Resp: 145735
Ion Ratio Lower Upper
43 100
72 16.7 11.7 35.1



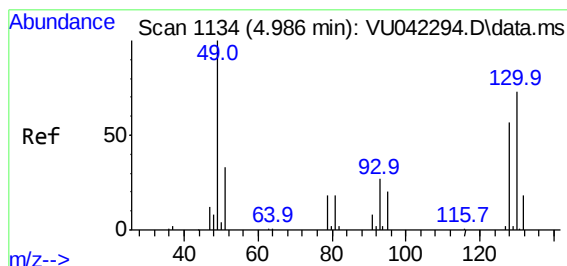
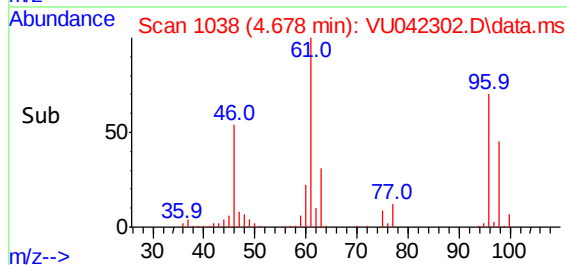
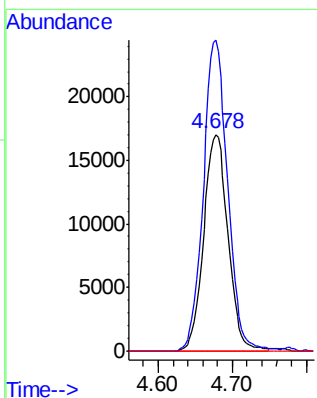
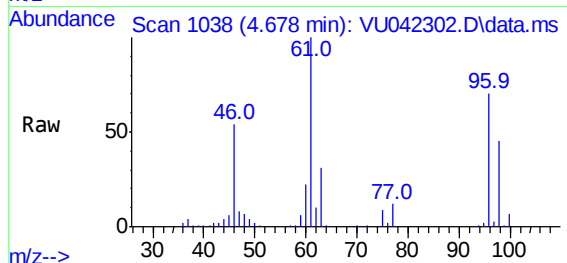


#22
 cis-1,2-Dichloroethene
 Concen: 4.94 ug/L
 RT: 4.678 min Scan# 1038
 Delta R.T. 0.000 min
 Lab File: VU042302.D
 Acq: 09 Feb 2021 17:18

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00513

Tgt Ion: 96 Resp: 38679

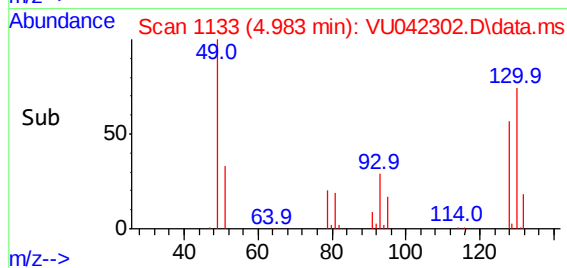
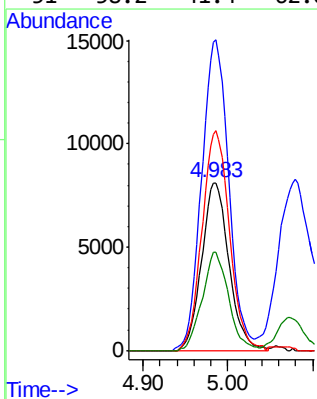
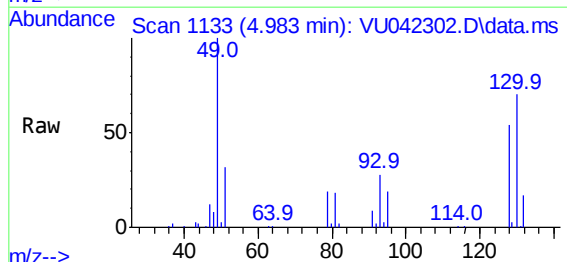
Ion	Ratio	Lower	Upper
96	100		
61	143.8	97.8	181.6
68	0.0	0.0	0.0

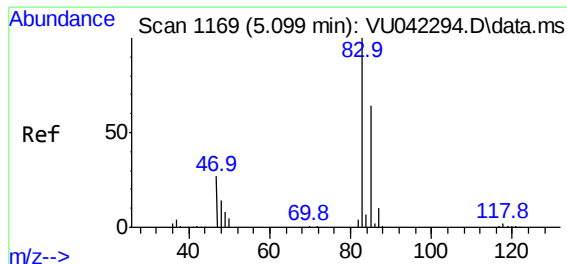


#23
 Bromochloromethane
 Concen: 4.98 ug/L
 RT: 4.983 min Scan# 1133
 Delta R.T. -0.003 min
 Lab File: VU042302.D
 Acq: 09 Feb 2021 17:18

Tgt Ion: 128 Resp: 18008

Ion	Ratio	Lower	Upper
128	100		
49	184.0	117.7	218.7
130	128.8	87.9	163.3
51	58.2	41.4	62.0

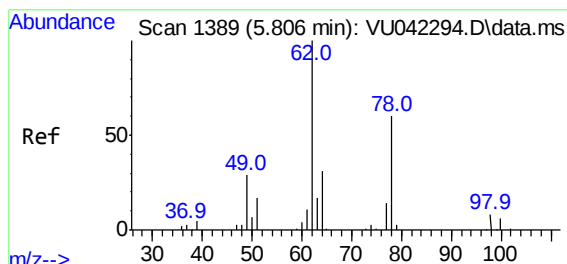
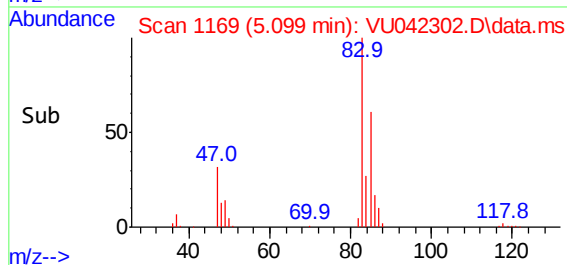
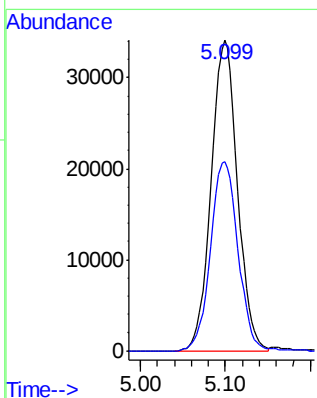
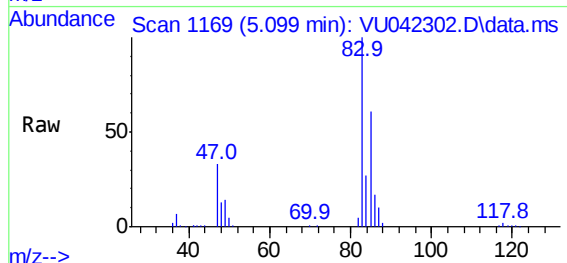




#25
Chloroform
Concen: 5.24 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU042302.D
Acq: 09 Feb 2021 17:18

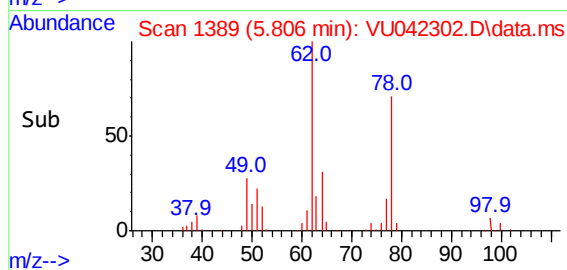
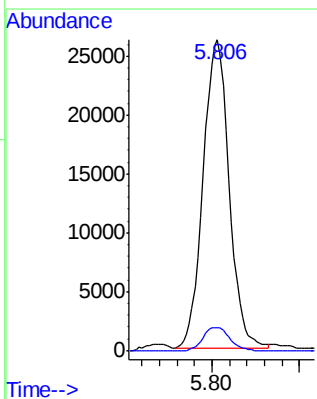
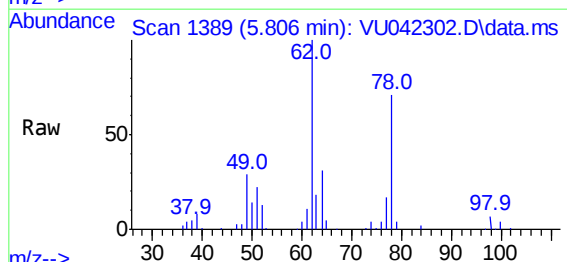
Instrument :
MSVOA_U
ClientSampleId :
VSTD00513

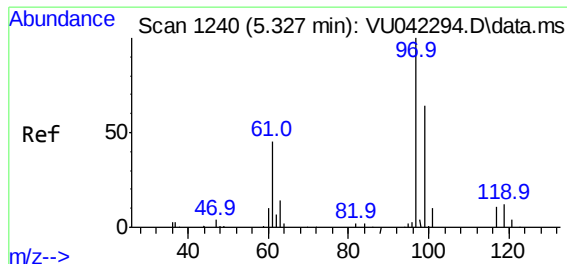
Tgt Ion: 83 Resp: 73409
Ion Ratio Lower Upper
83 100
85 60.7 45.7 84.9



#27
1,2-Dichloroethane
Concen: 5.45 ug/L
RT: 5.806 min Scan# 1389
Delta R.T. 0.000 min
Lab File: VU042302.D
Acq: 09 Feb 2021 17:18

Tgt Ion: 62 Resp: 54114
Ion Ratio Lower Upper
62 100
98 7.4 7.3 10.9

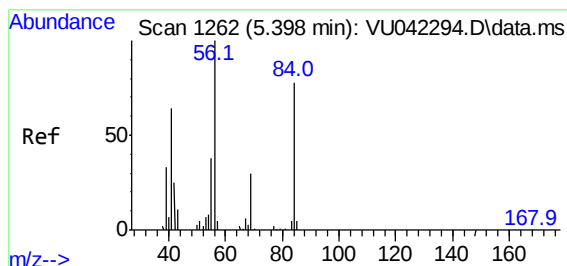
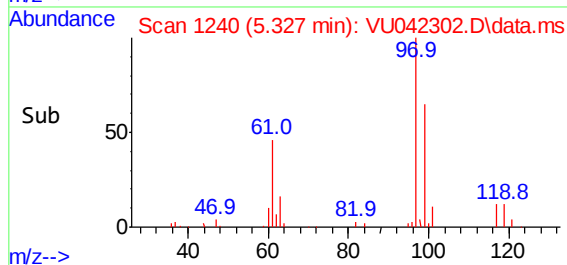
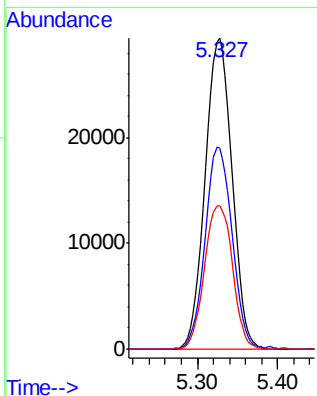
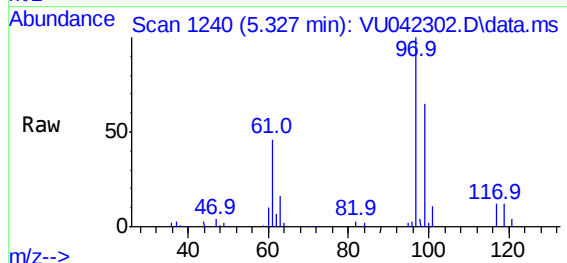




#29
1,1,1-Trichloroethane
Concen: 5.32 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VU042302.D
Acq: 09 Feb 2021 17:18

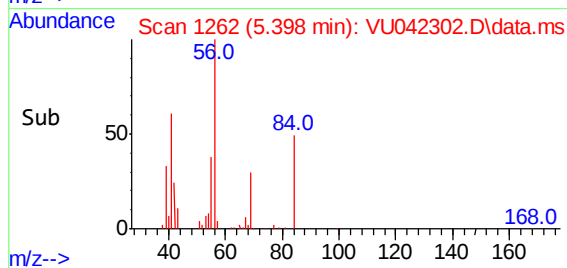
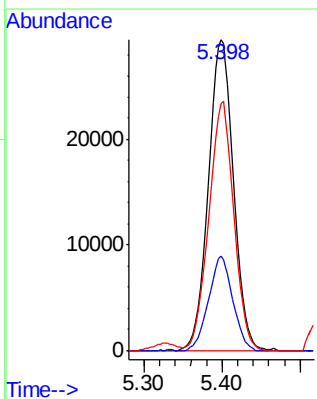
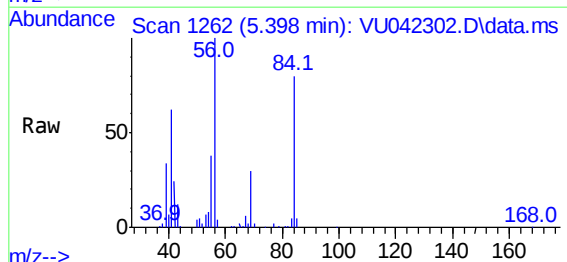
Instrument :
MSVOA_U
ClientSampleId :
VSTD00513

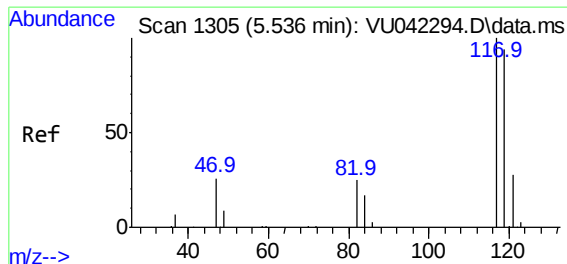
Tgt Ion: 97 Resp: 66307
Ion Ratio Lower Upper
97 100
99 65.1 50.8 76.2
61 48.0 35.8 53.6



#30
Cyclohexane
Concen: 5.00 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. 0.000 min
Lab File: VU042302.D
Acq: 09 Feb 2021 17:18

Tgt Ion: 56 Resp: 66980
Ion Ratio Lower Upper
56 100
69 29.1 23.7 35.5
84 79.8 65.3 97.9

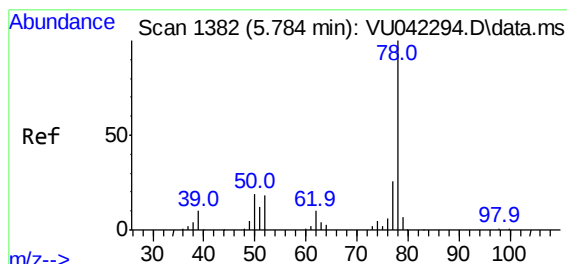
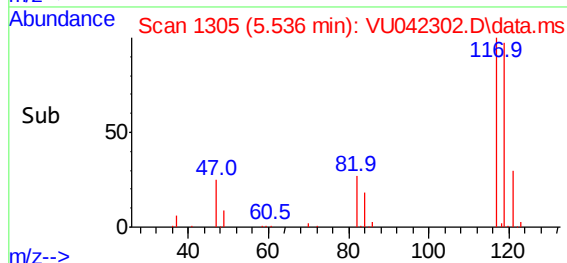
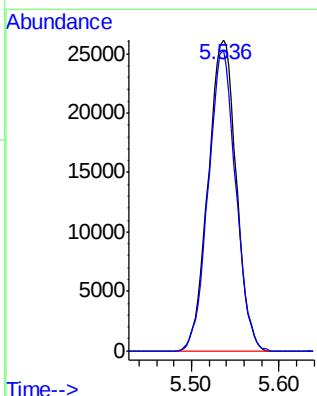
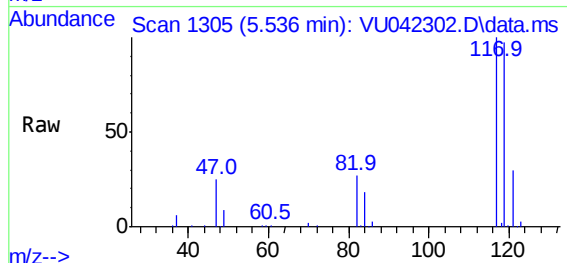




#31
Carbon tetrachloride
Concen: 5.27 ug/L
RT: 5.536 min Scan# 1305
Delta R.T. 0.000 min
Lab File: VU042302.D
Acq: 09 Feb 2021 17:18

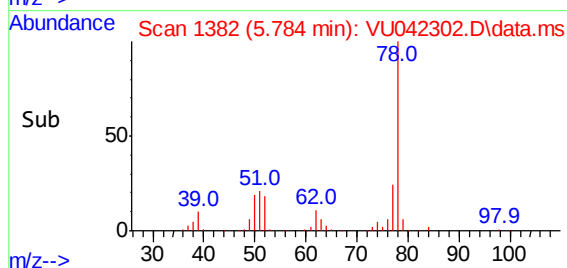
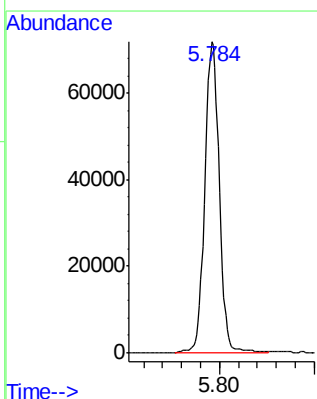
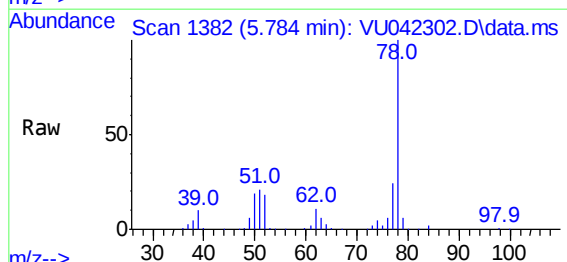
Instrument :
MSVOA_U
ClientSampled :
VSTD00513

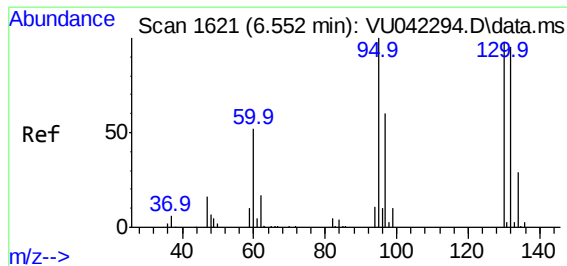
Tgt Ion:117 Resp: 57937
Ion Ratio Lower Upper
117 100
119 94.5 76.2 114.4



#33
Benzene
Concen: 5.41 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VU042302.D
Acq: 09 Feb 2021 17:18

Tgt Ion: 78 Resp: 150630



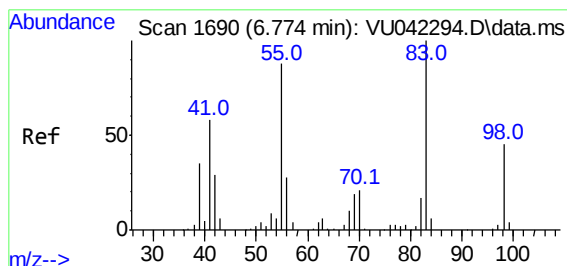
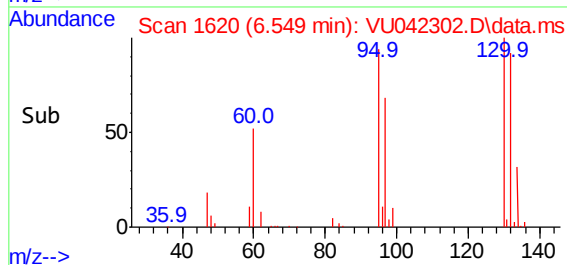
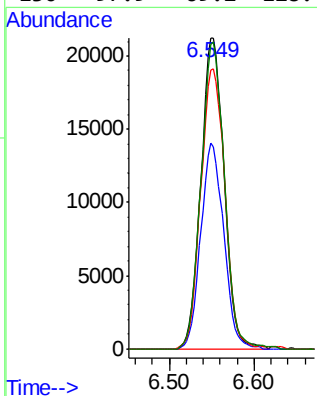
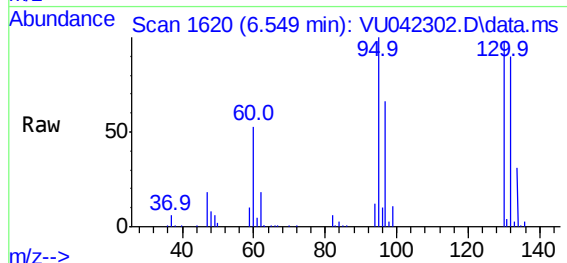


#34
Trichloroethene
Concen: 5.33 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU042302.D
Acq: 09 Feb 2021 17:18

Instrument :
MSVOA_U
ClientSampleId :
VSTD00513

Tgt Ion: 95 Resp: 40010

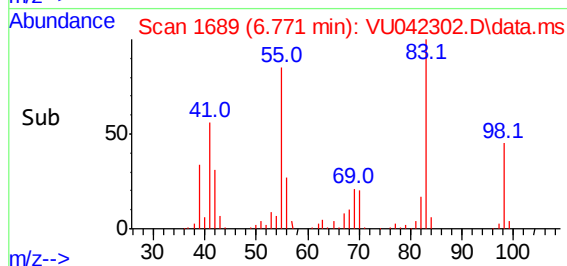
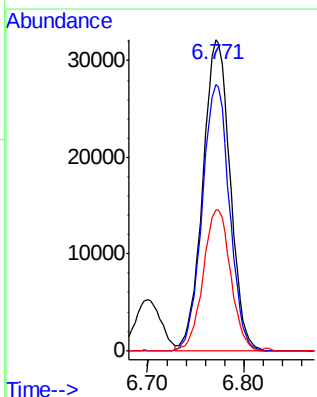
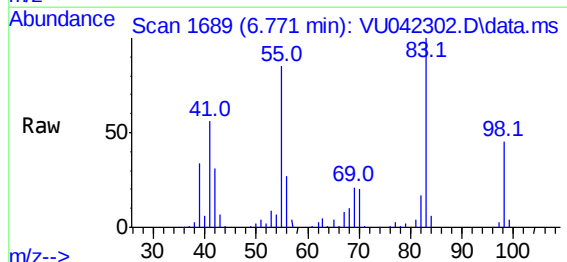
Ion	Ratio	Lower	Upper
95	100		
97	66.3	44.4	82.4
132	89.8	68.0	126.4
130	97.9	69.2	128.4

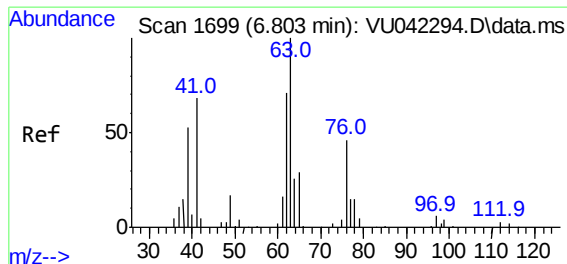


#35
Methylcyclohexane
Concen: 5.02 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. -0.003 min
Lab File: VU042302.D
Acq: 09 Feb 2021 17:18

Tgt Ion: 83 Resp: 63241

Ion	Ratio	Lower	Upper
83	100		
55	84.9	68.2	102.4
98	45.3	39.7	59.5

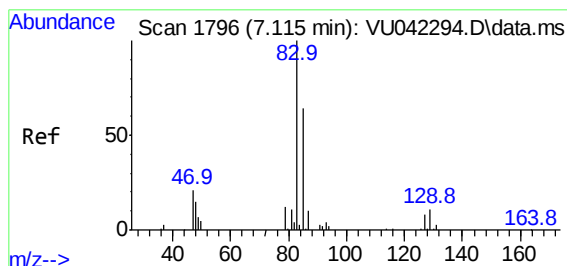
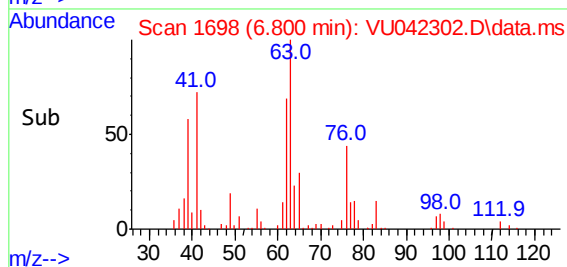
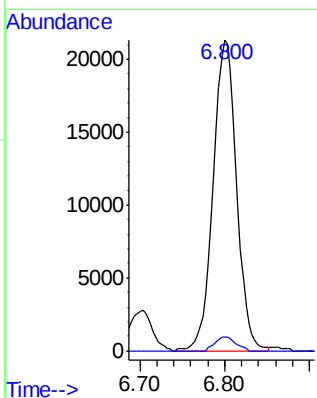
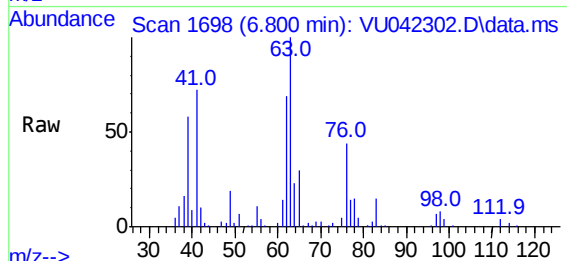




#37
1,2-Dichloropropane
Concen: 5.58 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. -0.003 min
Lab File: VU042302.D
Acq: 09 Feb 2021 17:18

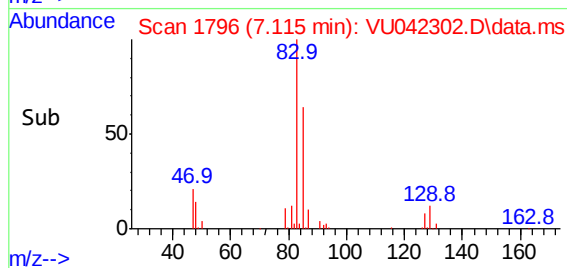
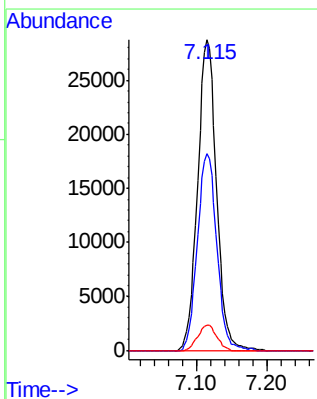
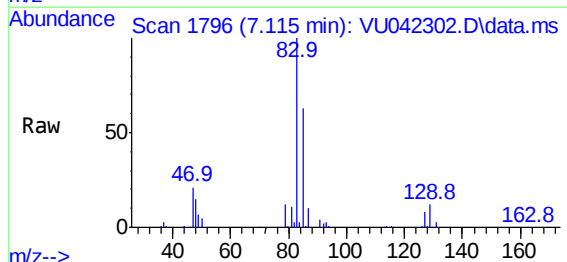
Instrument :
MSVOA_U
ClientSampleId :
VSTD00513

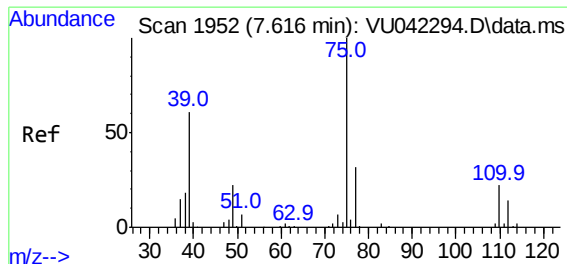
Tgt Ion: 63 Resp: 40907
Ion Ratio Lower Upper
63 100
112 3.9 3.4 5.0



#38
Bromodichloromethane
Concen: 5.25 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VU042302.D
Acq: 09 Feb 2021 17:18

Tgt Ion: 83 Resp: 53188
Ion Ratio Lower Upper
83 100
85 63.4 46.0 85.4
127 8.2 6.8 10.2

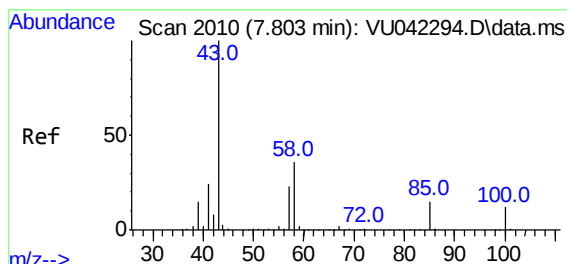
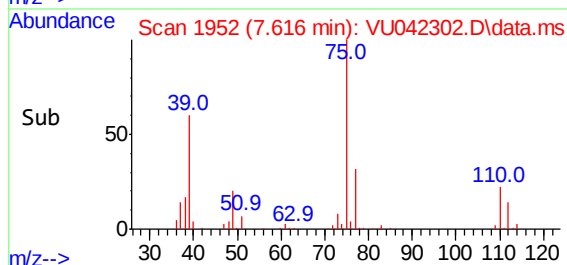
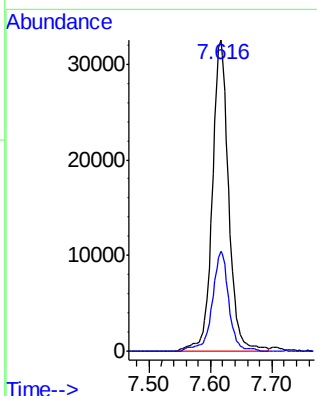
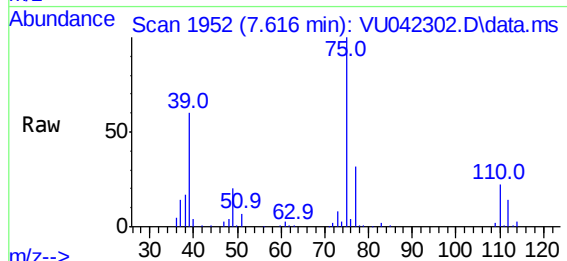




#39
 cis-1,3-Dichloropropene
 Concen: 5.01 ug/L
 RT: 7.616 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VU042302.D
 Acq: 09 Feb 2021 17:18

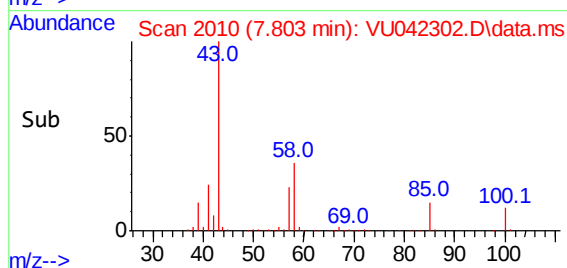
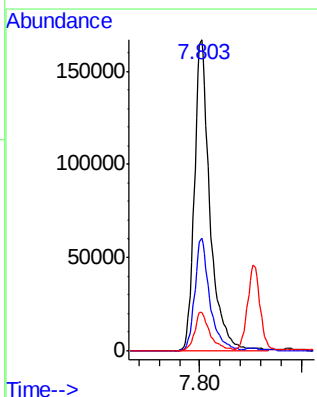
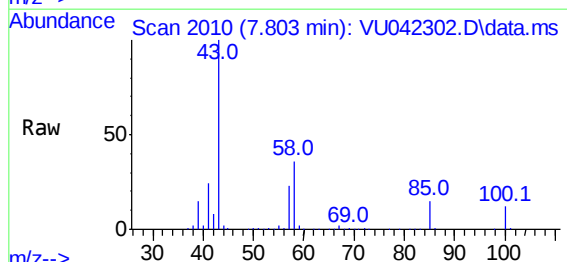
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00513

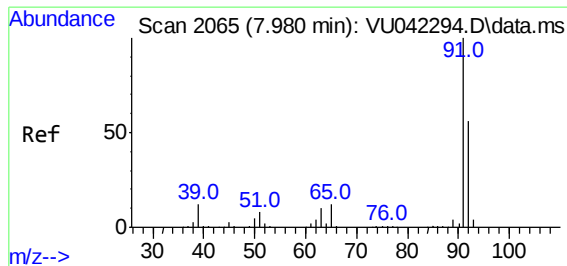
Tgt Ion: 75 Resp: 60420
 Ion Ratio Lower Upper
 75 100
 77 31.9 22.0 40.8



#40
 4-Methyl-2-pentanone
 Concen: 56.60 ug/L
 RT: 7.803 min Scan# 2010
 Delta R.T. 0.000 min
 Lab File: VU042302.D
 Acq: 09 Feb 2021 17:18

Tgt Ion: 43 Resp: 354987
 Ion Ratio Lower Upper
 43 100
 58 34.9 29.1 43.7
 100 12.0 11.0 16.4

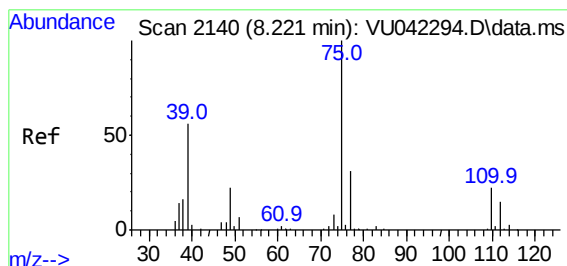
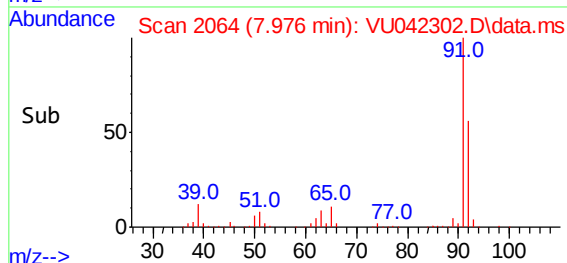
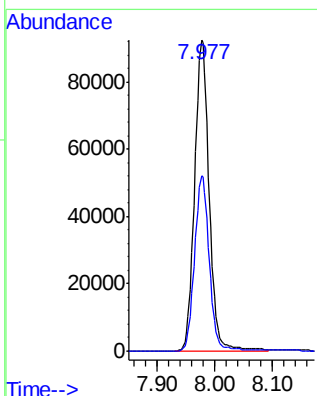
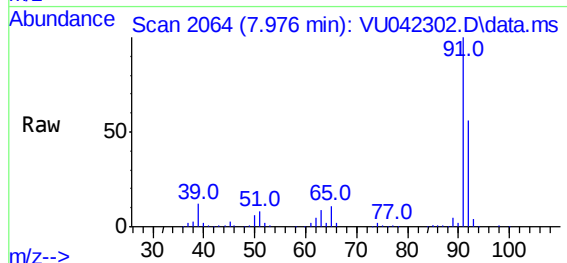




#42
Toluene
Concen: 5.39 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.003 min
Lab File: VU042302.D
Acq: 09 Feb 2021 17:18

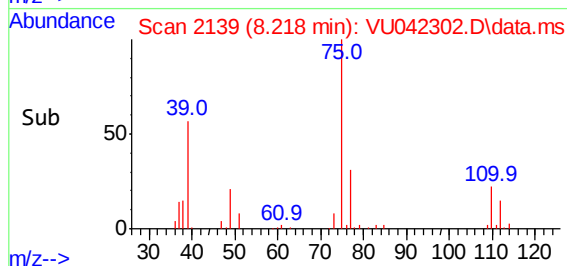
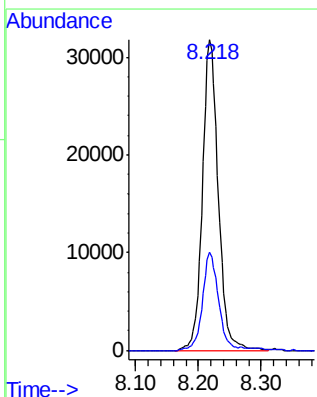
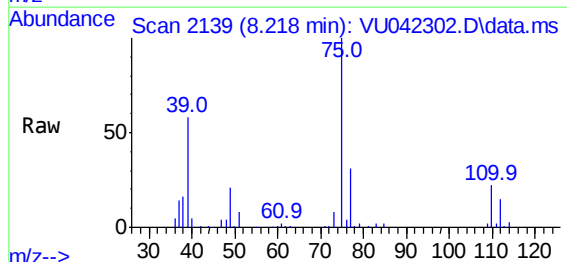
Instrument :
MSVOA_U
ClientSampleId :
VSTD00513

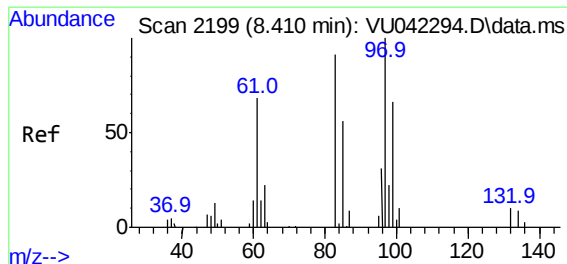
Tgt Ion: 91 Resp: 162436
Ion Ratio Lower Upper
91 100
92 56.5 41.2 76.6



#44
trans-1,3-Dichloropropene
Concen: 4.99 ug/L
RT: 8.218 min Scan# 2139
Delta R.T. -0.003 min
Lab File: VU042302.D
Acq: 09 Feb 2021 17:18

Tgt Ion: 75 Resp: 55181
Ion Ratio Lower Upper
75 100
77 31.4 21.8 40.4



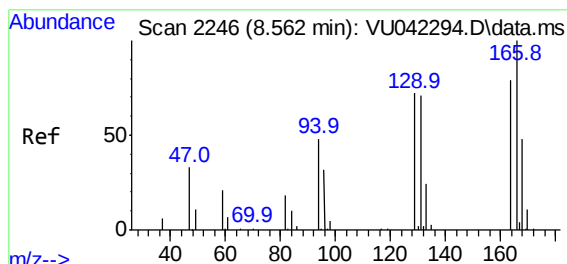
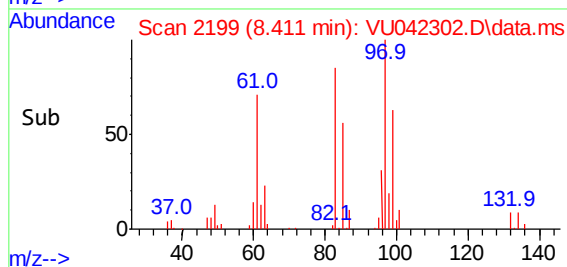
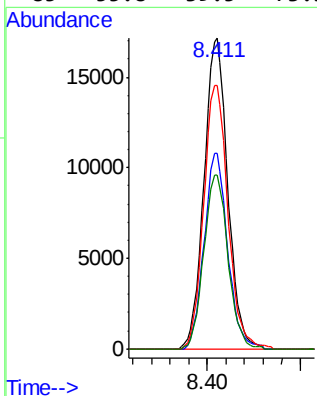
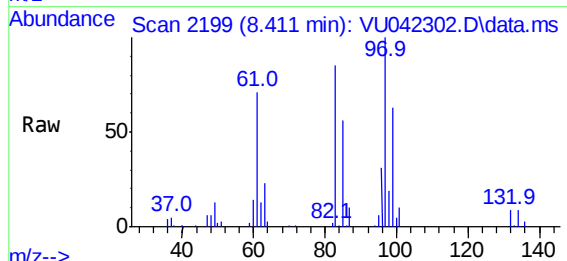


#45
1,1,2-Trichloroethane
Concen: 5.58 ug/L
RT: 8.411 min Scan# 2199
Delta R.T. 0.000 min
Lab File: VU042302.D
Acq: 09 Feb 2021 17:18

Instrument :
MSVOA_U
ClientSampleId :
VSTD00513

Tgt Ion: 97 Resp: 30274

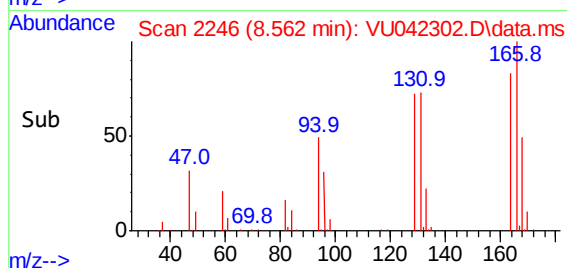
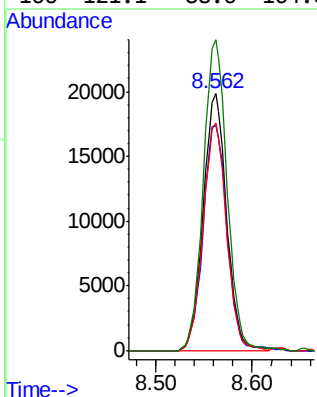
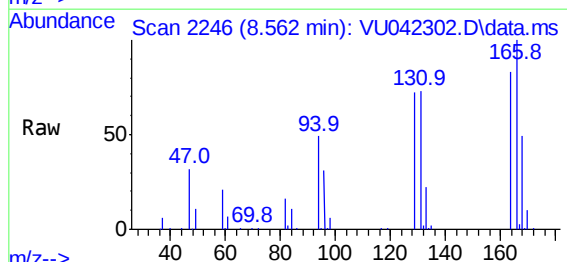
Ion	Ratio	Lower	Upper
97	100		
99	62.9	44.0	81.8
83	84.8	57.6	107.0
85	55.8	39.5	73.3

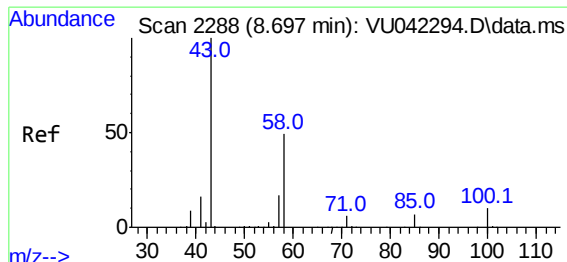


#47
Tetrachloroethene
Concen: 5.32 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VU042302.D
Acq: 09 Feb 2021 17:18

Tgt Ion: 164 Resp: 33196

Ion	Ratio	Lower	Upper
164	100		
129	87.7	64.3	119.5
131	88.5	62.2	115.6
166	121.1	88.6	164.6



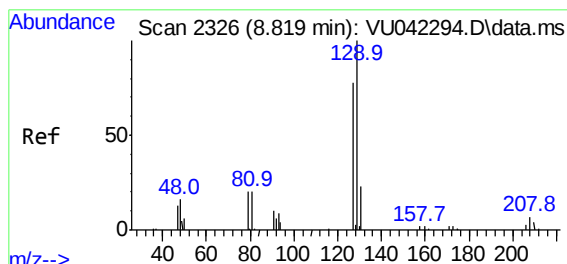
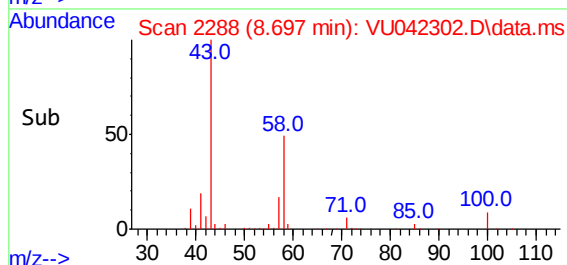
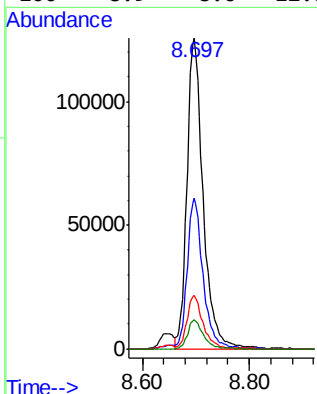
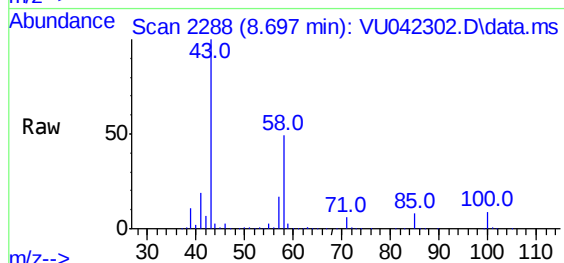


#48
2-Hexanone
Concen: 60.43 ug/L
RT: 8.697 min Scan# 2288
Delta R.T. 0.000 min
Lab File: VU042302.D
Acq: 09 Feb 2021 17:18

Instrument :
MSVOA_U
ClientSampleId :
VSTD00513

Tgt Ion: 43 Resp: 263496

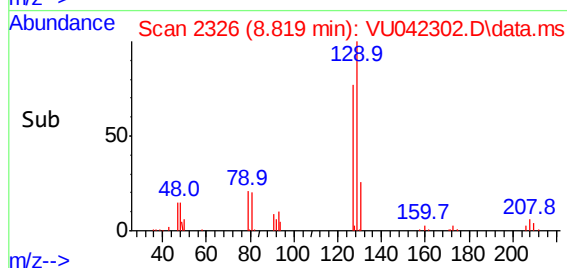
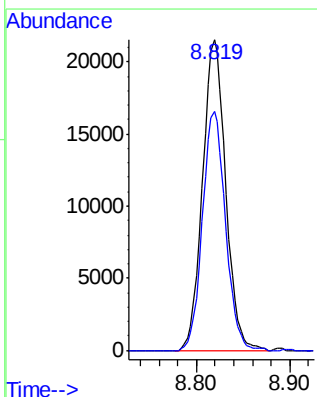
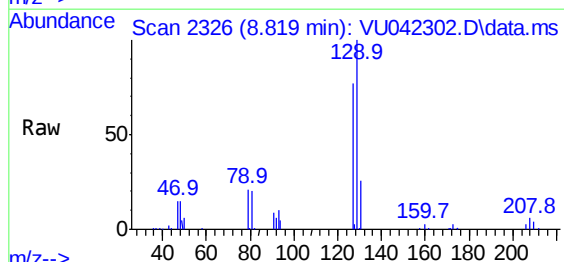
Ion	Ratio	Lower	Upper
43	100		
58	47.8	40.6	61.0
57	16.5	14.9	22.3
100	8.9	8.6	12.8

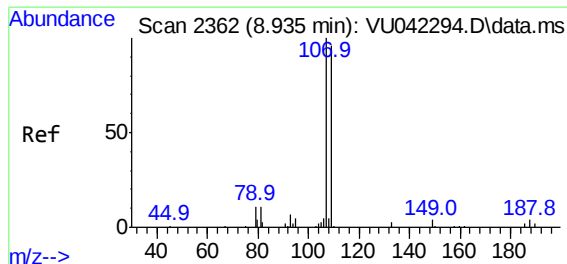


#49
Dibromochloromethane
Concen: 5.17 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VU042302.D
Acq: 09 Feb 2021 17:18

Tgt Ion: 129 Resp: 37266

Ion	Ratio	Lower	Upper
129	100		
127	77.1	52.3	97.1

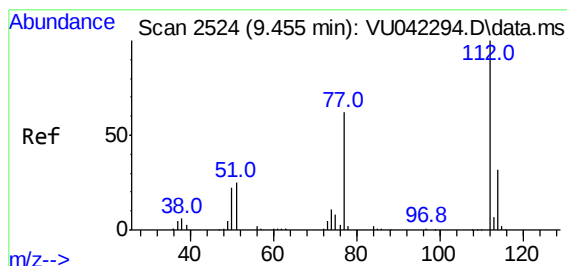
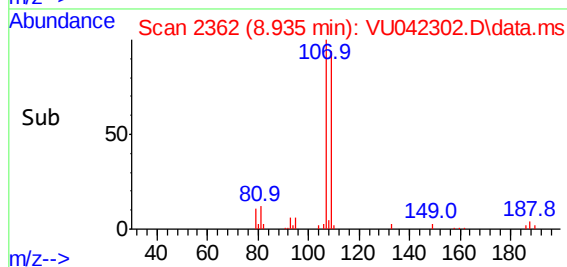
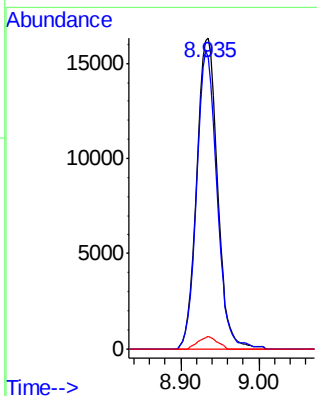
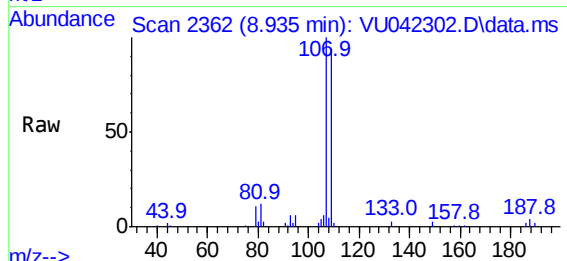




#50
1,2-Dibromoethane
Concen: 5.32 ug/L
RT: 8.935 min Scan# 2362
Delta R.T. 0.000 min
Lab File: VU042302.D
Acq: 09 Feb 2021 17:18

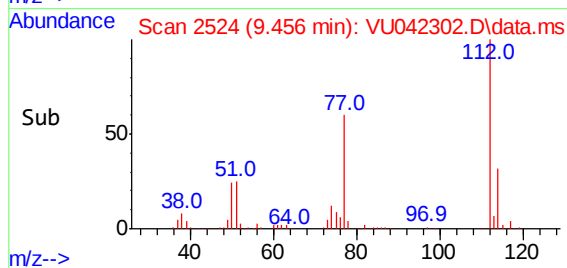
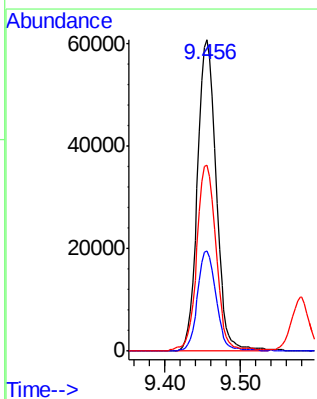
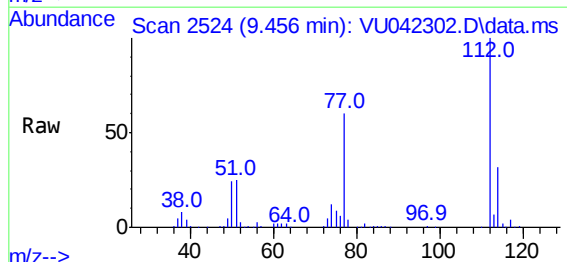
Instrument :
MSVOA_U
ClientSampleId :
VSTD00513

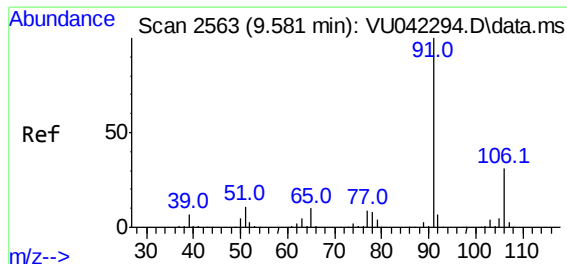
Tgt Ion:107 Resp: 29798
Ion Ratio Lower Upper
107 100
109 93.6 65.5 121.6
188 3.9 3.4 5.2



#51
Chlorobenzene
Concen: 5.32 ug/L
RT: 9.456 min Scan# 2524
Delta R.T. 0.000 min
Lab File: VU042302.D
Acq: 09 Feb 2021 17:18

Tgt Ion:112 Resp: 102434
Ion Ratio Lower Upper
112 100
114 31.9 22.0 41.0
77 59.8 49.8 74.6

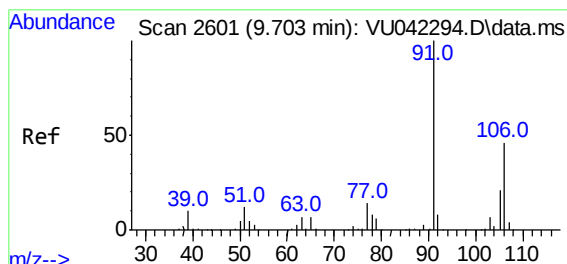
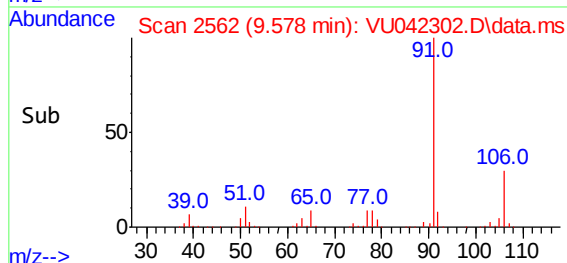
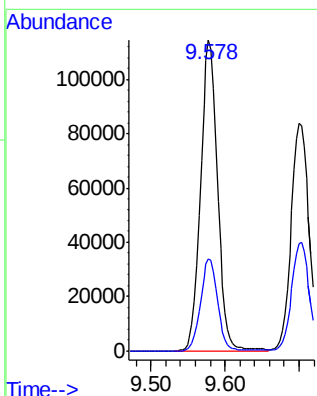
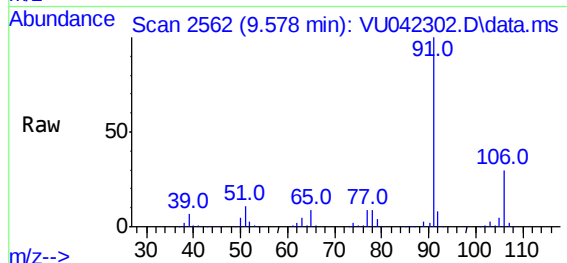




#52
Ethylbenzene
Concen: 5.27 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. -0.003 min
Lab File: VU042302.D
Acq: 09 Feb 2021 17:18

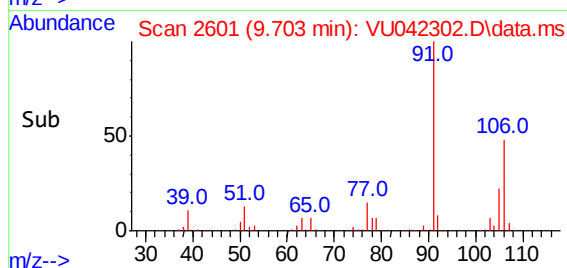
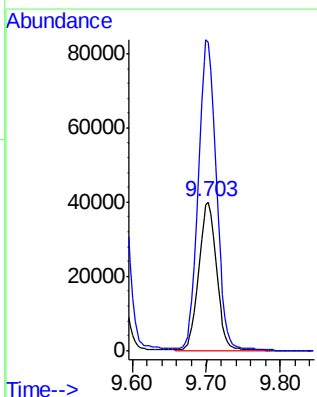
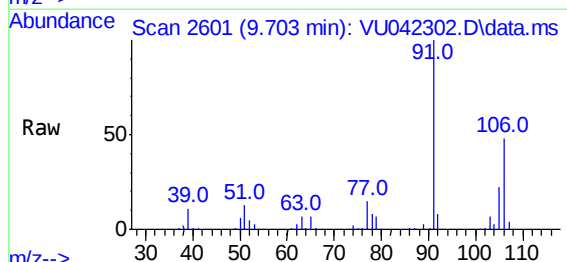
Instrument :
MSVOA_U
ClientSampleId :
VSTD00513

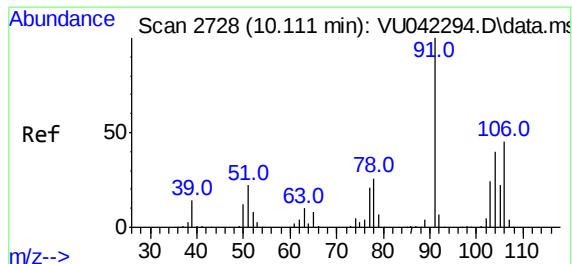
Tgt Ion: 91 Resp: 181969
Ion Ratio Lower Upper
91 100
106 29.7 21.1 39.3



#53
m,p-Xylene
Concen: 5.17 ug/L
RT: 9.703 min Scan# 2601
Delta R.T. 0.000 min
Lab File: VU042302.D
Acq: 09 Feb 2021 17:18

Tgt Ion: 106 Resp: 66924
Ion Ratio Lower Upper
106 100
91 207.6 145.1 269.5

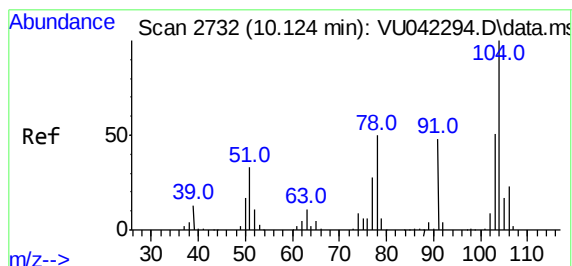
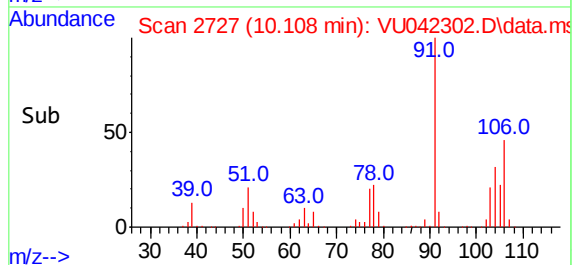
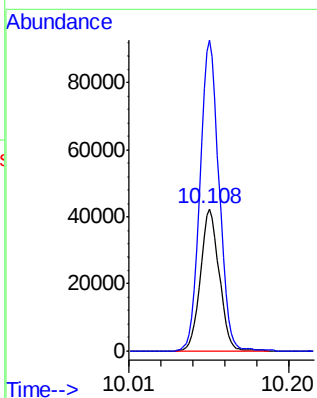
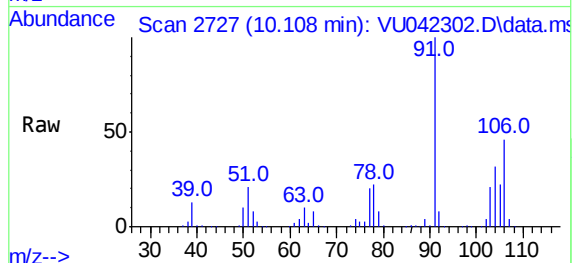




#54
o-Xylene
Concen: 5.29 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. -0.003 min
Lab File: VU042302.D
Acq: 09 Feb 2021 17:18

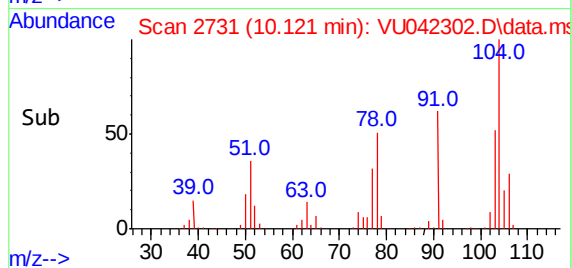
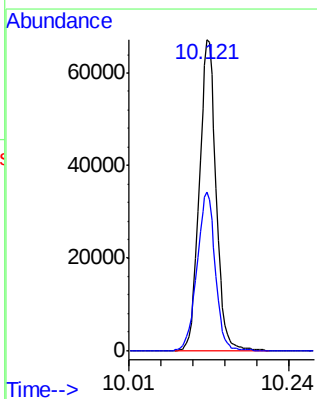
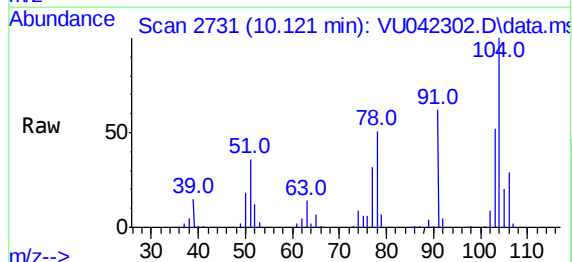
Instrument :
MSVOA_U
ClientSampleId :
VSTD00513

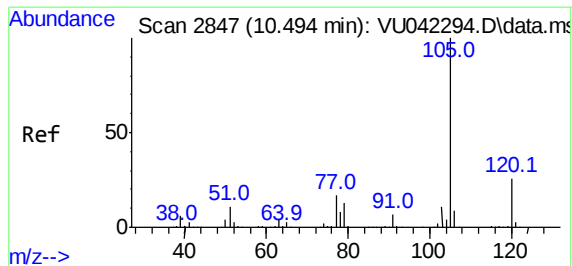
Tgt Ion:106 Resp: 66414
Ion Ratio Lower Upper
106 100
91 219.0 153.0 284.2



#55
Styrene
Concen: 5.12 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. -0.003 min
Lab File: VU042302.D
Acq: 09 Feb 2021 17:18

Tgt Ion:104 Resp: 110556
Ion Ratio Lower Upper
104 100
78 51.0 34.9 64.7

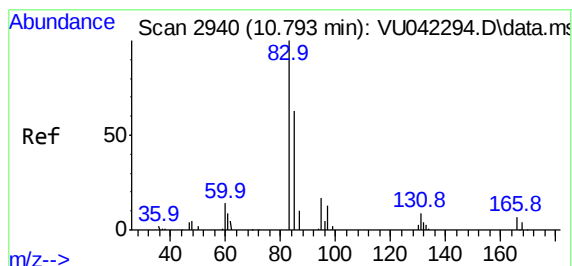
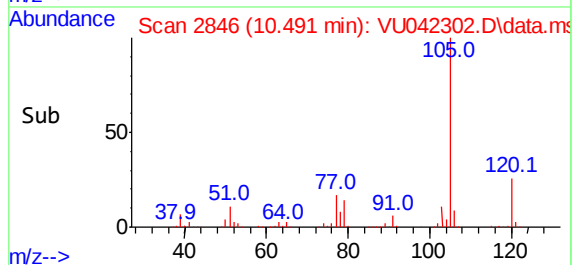
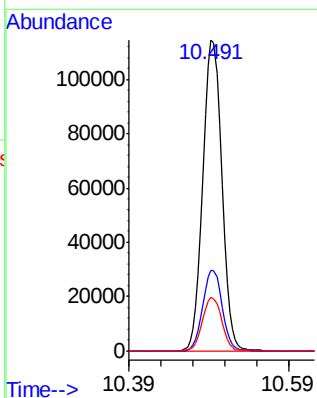
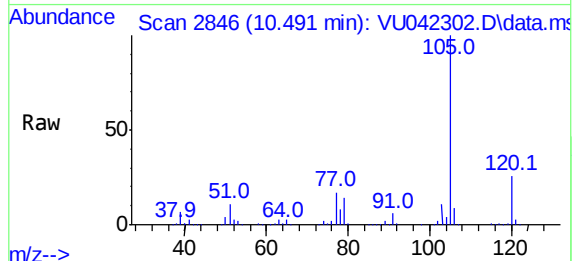




#56
Isopropylbenzene
Concen: 5.21 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. -0.003 min
Lab File: VU042302.D
Acq: 09 Feb 2021 17:18

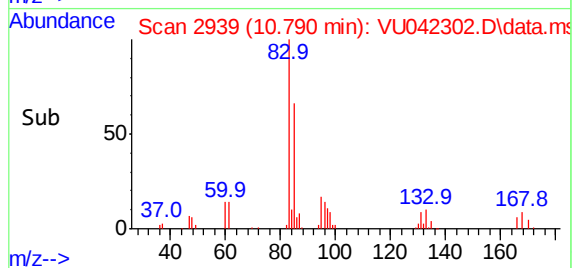
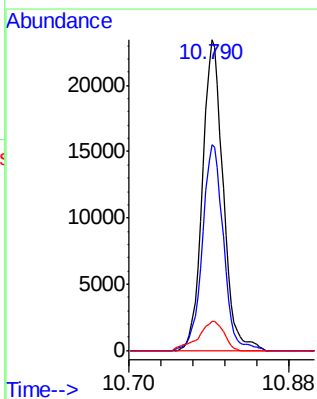
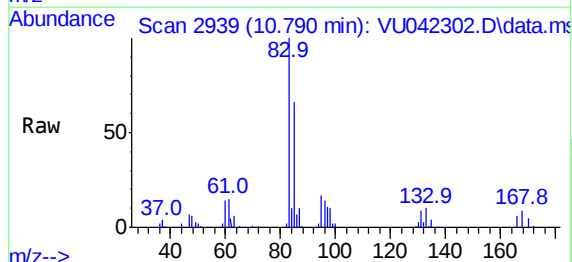
Instrument :
MSVOA_U
ClientSampleId :
VSTD00513

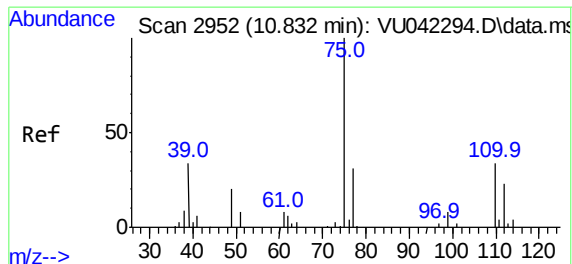
Tgt Ion:105 Resp: 180454
Ion Ratio Lower Upper
105 100
120 26.4 20.8 31.2
77 17.3 13.4 20.0



#58
1,1,2,2-Tetrachloroethane
Concen: 5.54 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. -0.003 min
Lab File: VU042302.D
Acq: 09 Feb 2021 17:18

Tgt Ion: 83 Resp: 38388
Ion Ratio Lower Upper
83 100
85 66.2 44.4 82.4
131 9.3 8.6 12.8

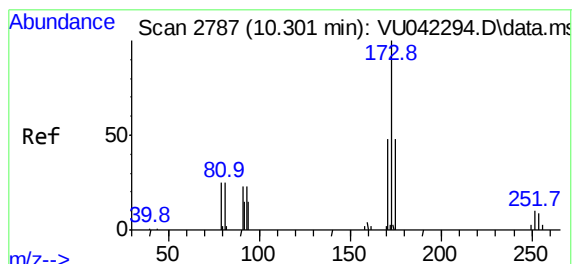
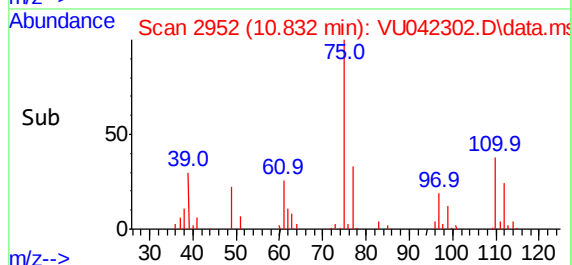
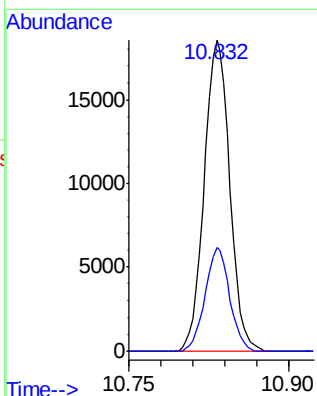
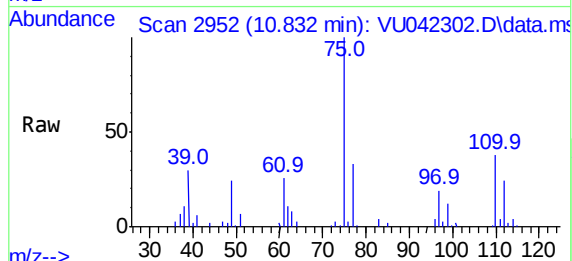




#59
1,2,3-Trichloropropane
Concen: 5.86 ug/L
RT: 10.832 min Scan# 2952
Delta R.T. 0.000 min
Lab File: VU042302.D
Acq: 09 Feb 2021 17:18

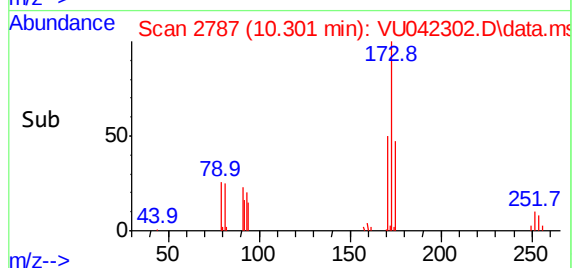
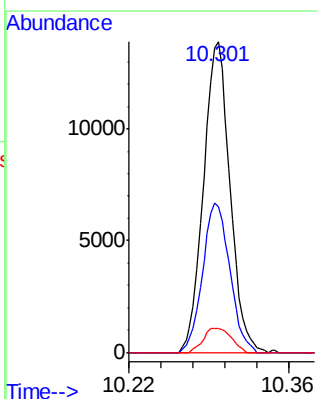
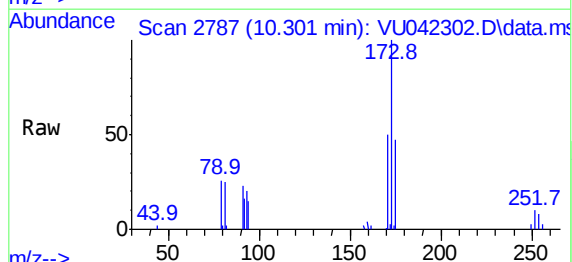
Instrument :
MSVOA_U
ClientSampleId :
VSTD00513

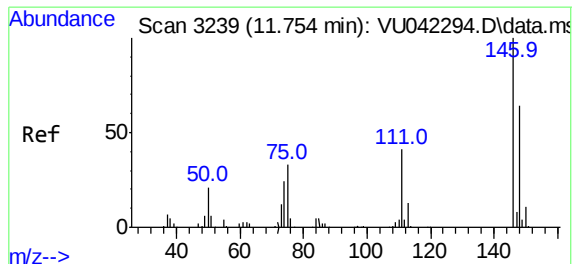
Tgt Ion: 75 Resp: 30348
Ion Ratio Lower Upper
75 100
77 31.8 26.0 39.0



#61
Bromoform
Concen: 4.92 ug/L
RT: 10.301 min Scan# 2787
Delta R.T. 0.000 min
Lab File: VU042302.D
Acq: 09 Feb 2021 17:18

Tgt Ion: 173 Resp: 22960
Ion Ratio Lower Upper
173 100
175 49.3 38.7 58.1
254 8.2 7.9 11.9

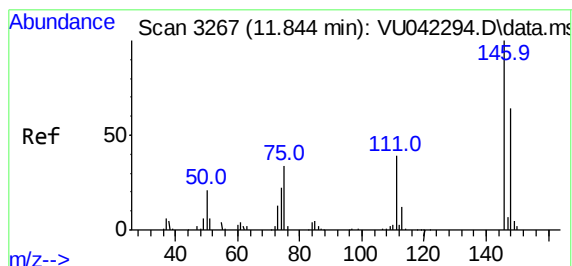
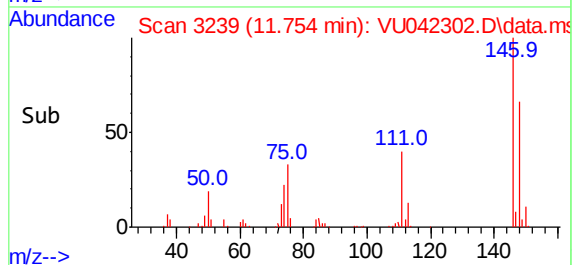
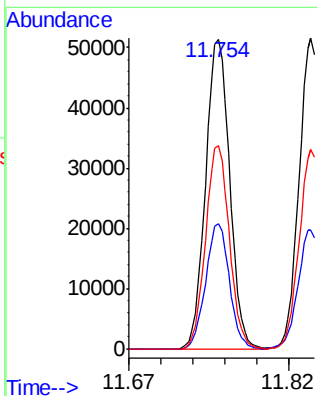
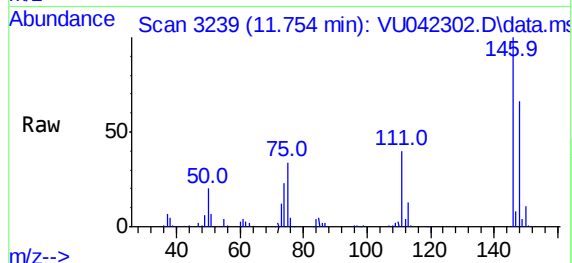




#62
 1,3-Dichlorobenzene
 Concen: 5.17 ug/L
 RT: 11.754 min Scan# 3239
 Delta R.T. 0.000 min
 Lab File: VU042302.D
 Acq: 09 Feb 2021 17:18

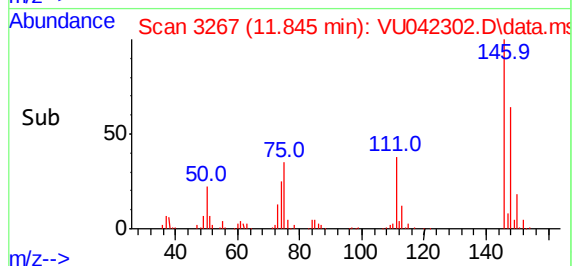
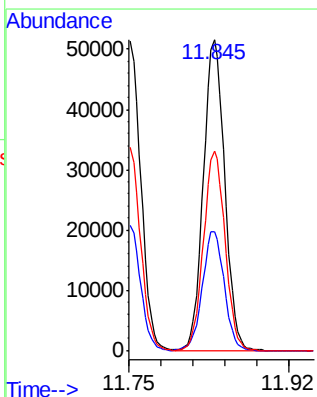
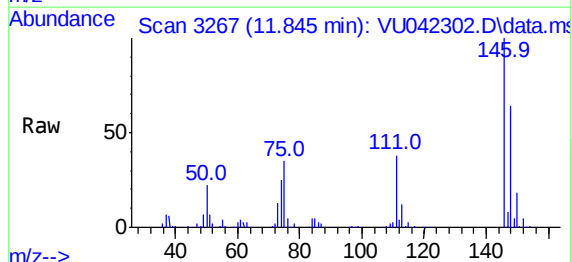
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00513

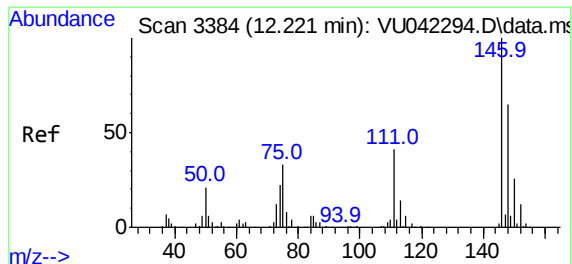
Tgt Ion:146 Resp: 83277
 Ion Ratio Lower Upper
 146 100
 111 40.5 27.2 50.4
 148 65.7 44.6 82.8



#63
 1,4-Dichlorobenzene
 Concen: 5.11 ug/L
 RT: 11.845 min Scan# 3267
 Delta R.T. 0.000 min
 Lab File: VU042302.D
 Acq: 09 Feb 2021 17:18

Tgt Ion:146 Resp: 82225
 Ion Ratio Lower Upper
 146 100
 111 38.3 25.8 47.8
 148 64.4 44.1 81.9

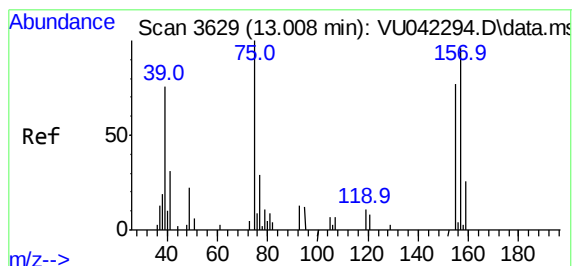
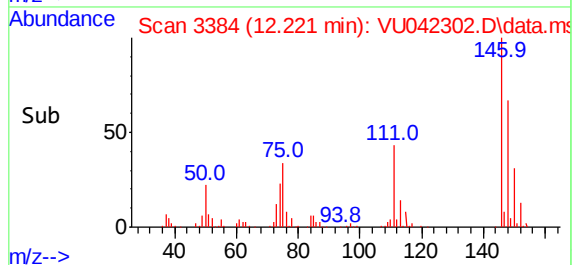
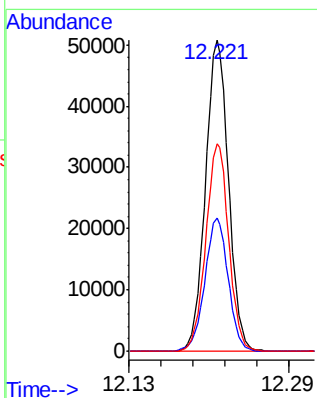
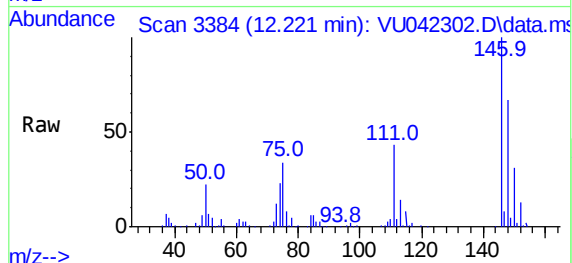




#65
1,2-Dichlorobenzene
Concen: 5.41 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. 0.000 min
Lab File: VU042302.D
Acq: 09 Feb 2021 17:18

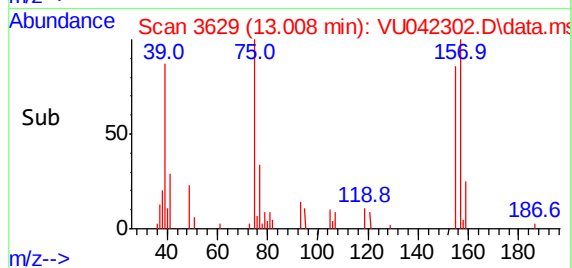
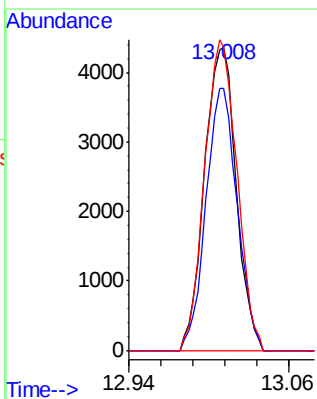
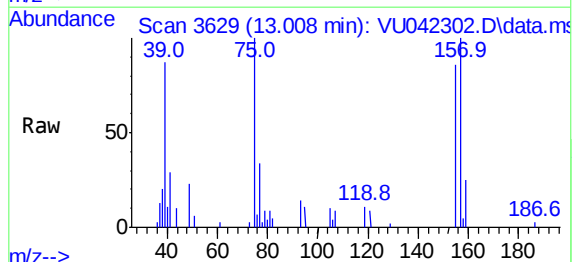
Instrument :
MSVOA_U
ClientSampleId :
VSTD00513

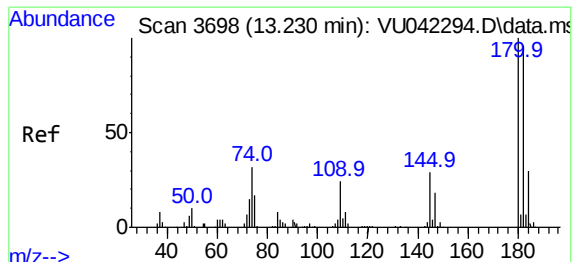
Tgt Ion:146 Resp: 80996
Ion Ratio Lower Upper
146 100
111 42.9 32.7 49.1
148 66.8 51.7 77.5



#66
1,2-Dibromo-3-chloropropane
Concen: 5.22 ug/L
RT: 13.008 min Scan# 3629
Delta R.T. 0.000 min
Lab File: VU042302.D
Acq: 09 Feb 2021 17:18

Tgt Ion: 75 Resp: 6971
Ion Ratio Lower Upper
75 100
155 86.4 69.0 103.6
157 99.7 91.0 136.6

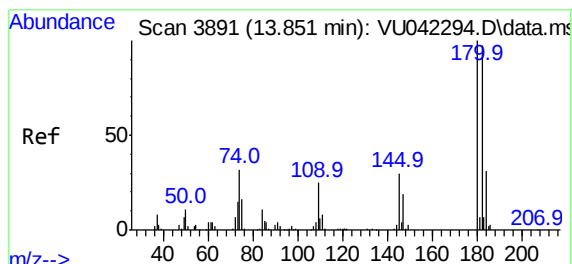
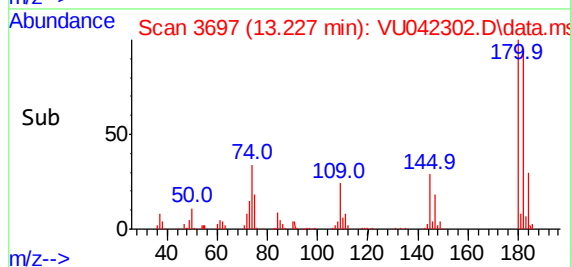
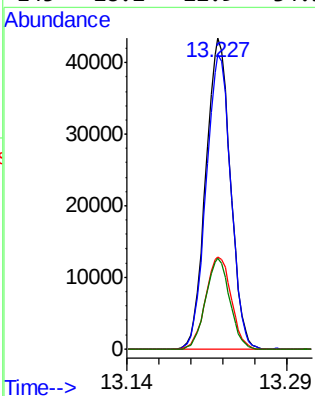
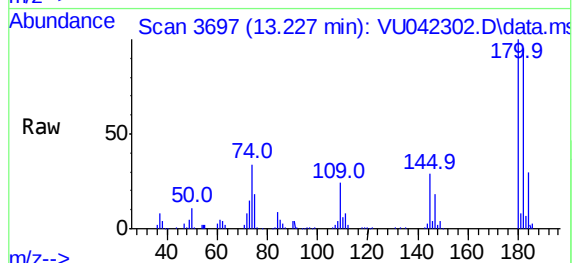




#67
1,3,5-Trichlorobenzene
Concen: 5.33 ug/L
RT: 13.227 min Scan# 3697
Delta R.T. -0.003 min
Lab File: VU042302.D
Acq: 09 Feb 2021 17:18

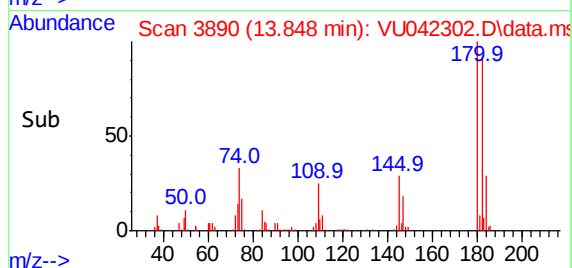
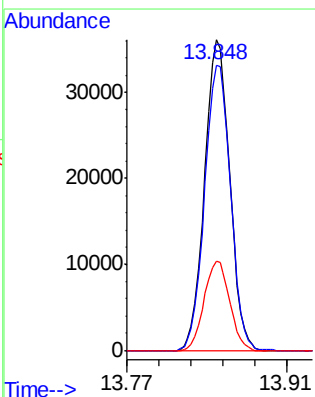
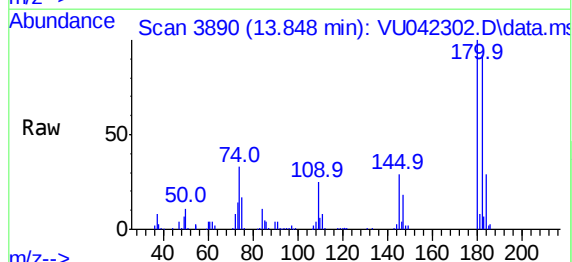
Instrument :
MSVOA_U
ClientSampleId :
VSTD00513

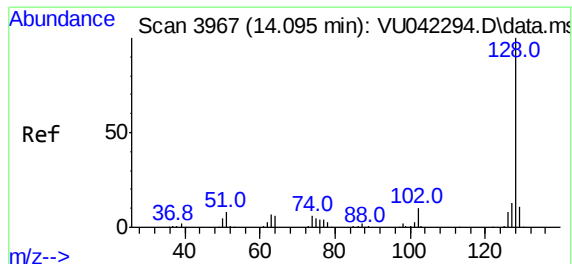
Tgt Ion:180 Resp: 68610
Ion Ratio Lower Upper
180 100
182 95.3 76.4 114.6
184 30.6 23.9 35.9
145 28.2 22.9 34.3



#68
1,2,4-trichlorobenzene
Concen: 5.56 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. -0.003 min
Lab File: VU042302.D
Acq: 09 Feb 2021 17:18

Tgt Ion:180 Resp: 56612
Ion Ratio Lower Upper
180 100
182 94.7 76.3 114.5
145 29.2 23.7 35.5

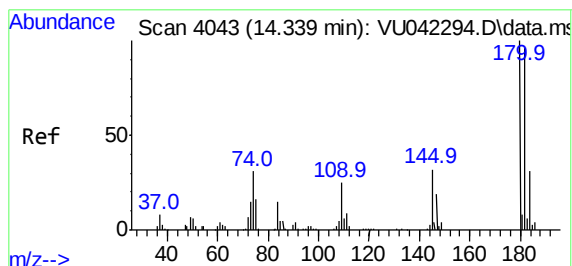
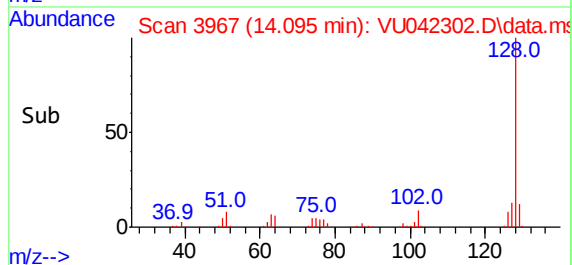
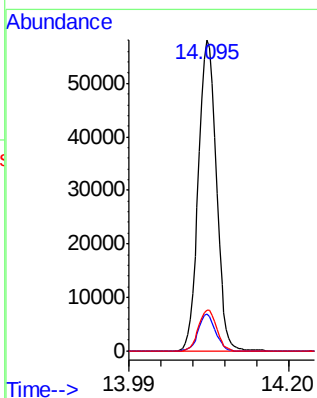
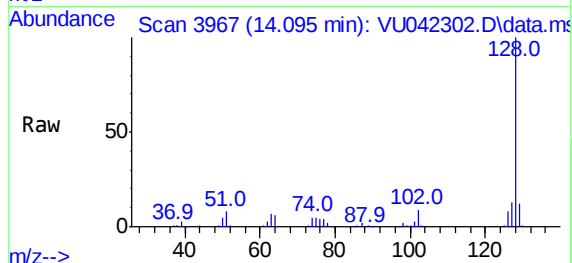




#69
Naphthalene
Concen: 6.35 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VU042302.D
Acq: 09 Feb 2021 17:18

Instrument :
MSVOA_U
ClientSampleId :
VSTD00513

Tgt Ion:128 Resp: 94634
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.2 10.6 15.8



#70
1,2,3-Trichlorobenzene
Concen: 5.72 ug/L
RT: 14.340 min Scan# 4043
Delta R.T. 0.000 min
Lab File: VU042302.D
Acq: 09 Feb 2021 17:18

Tgt Ion:180 Resp: 51635
Ion Ratio Lower Upper
180 100
182 96.7 75.6 113.4
145 31.1 24.7 37.1

