

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052421\
 Data File : VU043935.D
 Acq On : 25 May 2021 02:00
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005142

Quant Time: May 25 04:15:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR052421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 25 04:12:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	228916	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	231339	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	125909	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	58986	4.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.60%
7) Chloroethane-d5	1.912	69	43784	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.20%
11) 1,1-Dichloroethene-d2	2.565	65	24612	3.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.40%
20) 2-Butanone-d5	4.697	46	222488	55.07	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.14%
24) Chloroform-d	5.073	84	153371	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
26) 1,2-Dichloroethane-d4	5.713	65	77695	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
32) Benzene-d6	5.732	84	307973	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.80%
36) 1,2-Dichloropropane-d6	6.700	67	97121	5.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.80%
41) Toluene-d8	7.902	98	299203	5.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.80%
43) trans-1,3-Dichloroprop...	8.185	79	35623	4.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.80%
46) 2-Hexanone-d5	8.648	63	172883	55.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.58%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	89658	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.20%
66) 1,2-Dichlorobenzene-d4	12.198	152	115952	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	85329	5.43	ug/L	99
3) Chloromethane	1.514	50	71983	4.40	ug/L	100
5) Vinyl chloride	1.600	62	76142	4.97	ug/L	98
6) Bromomethane	1.858	94	47022	5.04	ug/L	95
8) Chloroethane	1.935	64	42545	5.08	ug/L	98
9) Trichlorofluoromethane	2.137	101	106295	5.17	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	62828	4.16	ug/L	98
12) 1,1-Dichloroethene	2.578	96	61851	4.18	ug/L	95
13) Acetone	2.723	43	98191	46.08	ug/L	73
14) Carbon disulfide	2.790	76	184756	4.15	ug/L	98
15) Methyl Acetate	2.989	43	29408	4.92	ug/L #	82
16) Methylene chloride	3.047	84	80736	4.26	ug/L	98
17) Methyl tert-butyl Ether	3.385	73	192118	6.00	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	68065	4.50	ug/L	98
19) 1,1-Dichloroethane	3.874	63	150955	5.72	ug/L	99
21) 2-Butanone	4.774	43	235906	55.79	ug/L	97
22) cis-1,2-Dichloroethene	4.674	96	88044	5.35	ug/L	97
23) Bromochloromethane	4.983	128	47186	5.59	ug/L	95
25) Chloroform	5.095	83	159526	5.43	ug/L	99

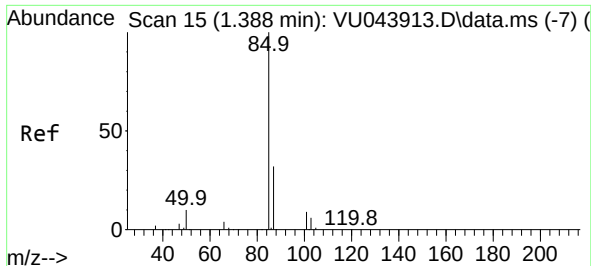
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052421\
 Data File : VU043935.D
 Acq On : 25 May 2021 02:00
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 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005142

Quant Time: May 25 04:15:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR052421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 25 04:12:21 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.806	62	94950	5.47	ug/L	97
29) 1,1,1-Trichloroethane	5.321	97	130680	5.45	ug/L	99
30) Cyclohexane	5.388	56	120052	5.47	ug/L	99
31) Carbon tetrachloride	5.526	117	108860	5.31	ug/L	99
33) Benzene	5.780	78	352581	5.64	ug/L	100
34) Trichloroethene	6.546	95	89653	5.51	ug/L	99
35) Methylcyclohexane	6.764	83	127441	5.37	ug/L	99
37) 1,2-Dichloropropane	6.800	63	91550	5.52	ug/L	99
38) Bromodichloromethane	7.115	83	108088	5.43	ug/L	98
39) cis-1,3-Dichloropropene	7.613	75	113545	5.27	ug/L	98
40) 4-Methyl-2-pentanone	7.809	43	533991	57.21	ug/L	99
42) Toluene	7.973	91	384703	5.83	ug/L	100
44) trans-1,3-Dichloropropene	8.218	75	100026	5.41	ug/L	100
45) 1,1,2-Trichloroethane	8.407	97	71293	5.63	ug/L	99
47) Tetrachloroethene	8.558	164	77257	5.51	ug/L	98
48) 2-Hexanone	8.700	43	408135	58.56	ug/L	98
49) Dibromochloromethane	8.816	129	81924	5.58	ug/L	100
50) 1,2-Dibromoethane	8.931	107	67322	5.72	ug/L	100
51) Chlorobenzene	9.452	112	236285	5.49	ug/L	99
52) Ethylbenzene	9.574	91	365384	5.58	ug/L	99
53) m,p-Xylene	9.700	106	145090	5.62	ug/L	98
54) o-Xylene	10.105	106	139371	5.69	ug/L	99
55) Styrene	10.121	104	251060	5.95	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.790	83	88064	5.57	ug/L	100
59) Bromoform	10.298	173	50136	5.54	ug/L	100
60) Isopropylbenzene	10.491	105	361400	5.78	ug/L	100
61) 1,2,3-Trichloropropane	10.828	75	63323	5.47	ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	278145	5.62	ug/L	100
63) 1,2,4-Trimethylbenzene	11.475	105	288630	5.69	ug/L	100
64) 1,3-Dichlorobenzene	11.751	146	190630	5.49	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	192707	5.55	ug/L	99
67) 1,2-Dichlorobenzene	12.217	146	181048	5.41	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.002	75	12809	5.80	ug/L	97
69) 1,3,5-Trichlorobenzene	13.224	180	136701	4.99	ug/L	98
70) 1,2,4-trichlorobenzene	13.844	180	109507	5.09	ug/L	100
71) Naphthalene	14.092	128	189960	5.51	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	113087	5.50	ug/L	98

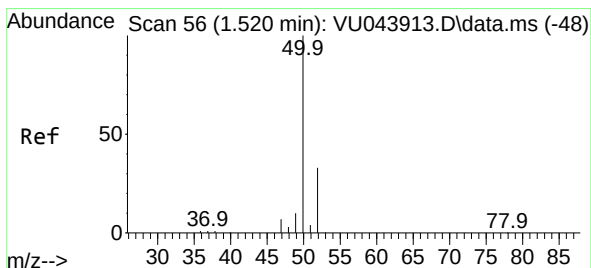
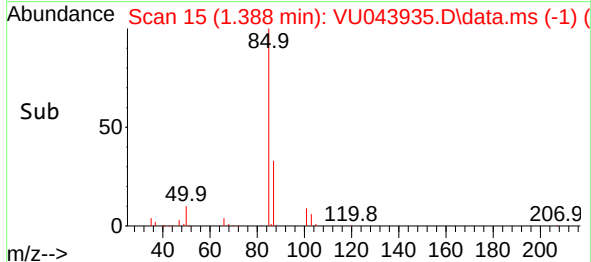
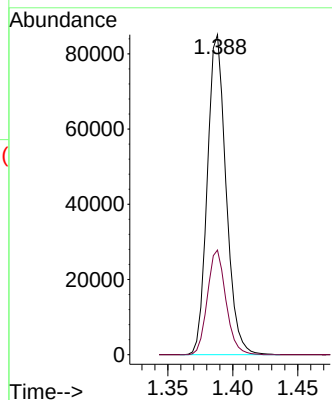
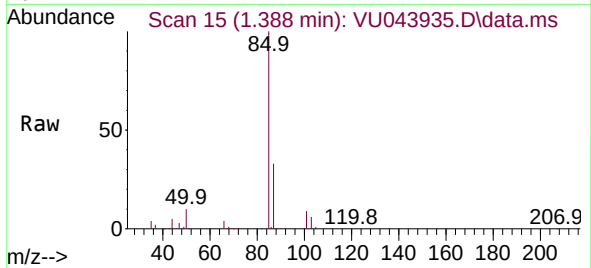
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#2
Dichlorodifluoromethane
Concen: 5.43 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU043935.D
Acq: 25 May 2021 02:00

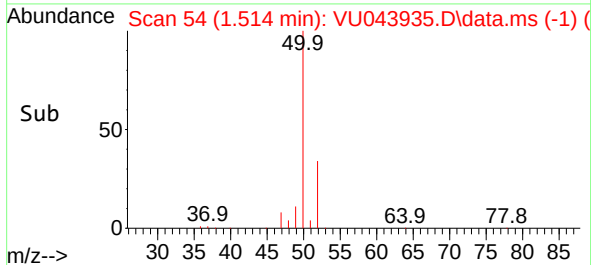
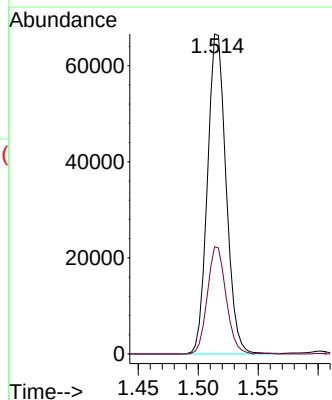
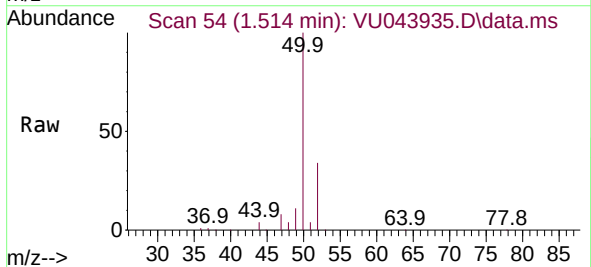
Instrument :
MSVOA_U
ClientSampleId :
VSTD005142

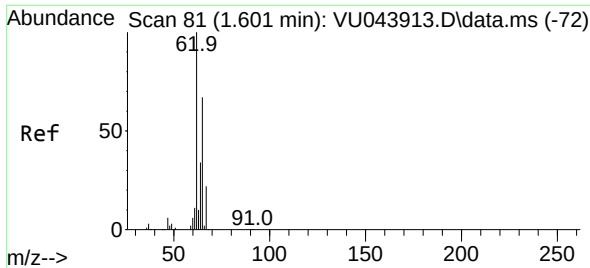
Tgt Ion: 85 Resp: 85329
Ion Ratio Lower Upper
85 100
87 32.3 26.2 39.4



#3
Chloromethane
Concen: 4.40 ug/L
RT: 1.514 min Scan# 54
Delta R.T. -0.006 min
Lab File: VU043935.D
Acq: 25 May 2021 02:00

Tgt Ion: 50 Resp: 71983
Ion Ratio Lower Upper
50 100
52 33.5 23.4 43.4

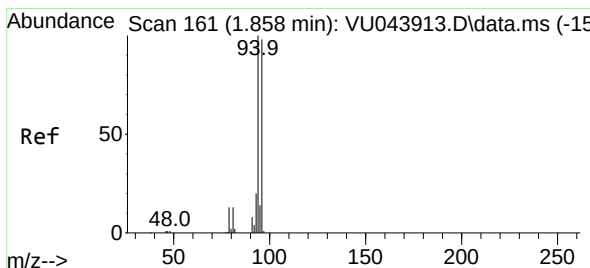
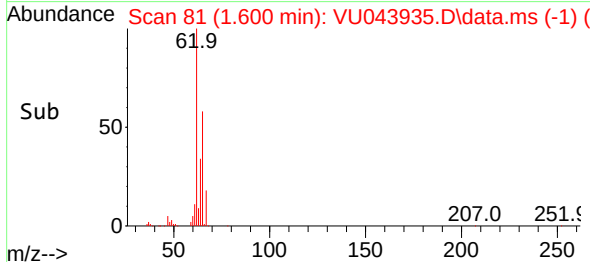
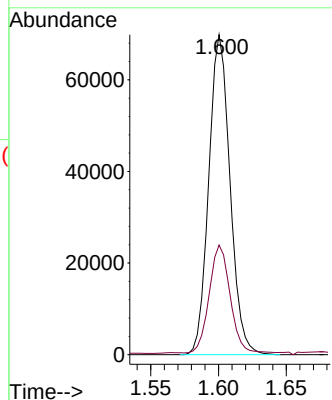
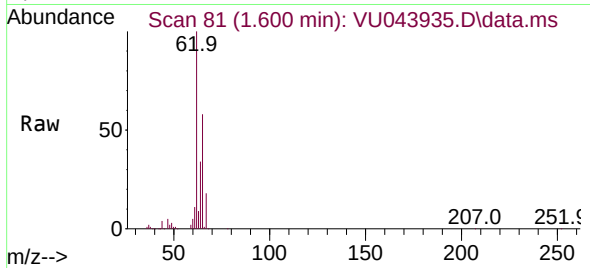




#5
 Vinyl chloride
 Concen: 4.97 ug/L
 RT: 1.600 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU043935.D
 Acq: 25 May 2021 02:00

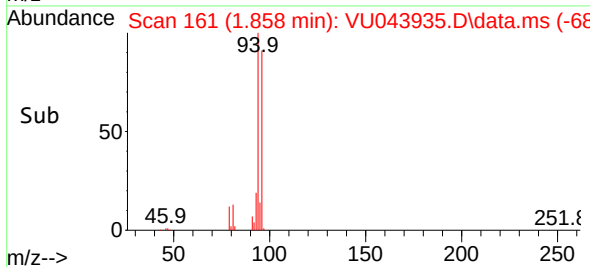
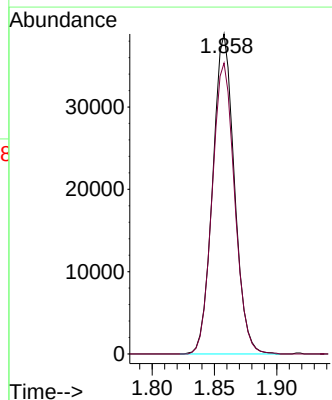
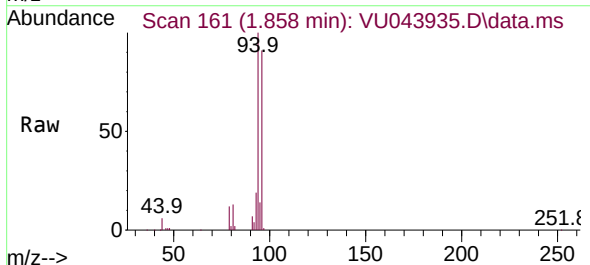
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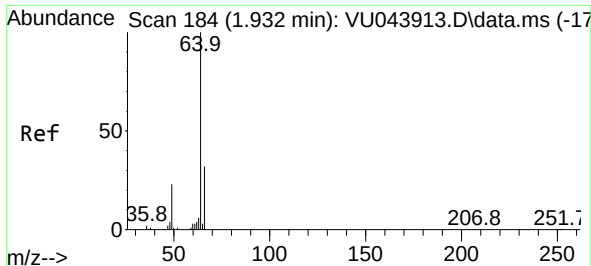
Tgt Ion: 62 Resp: 76142
 Ion Ratio Lower Upper
 62 100
 64 34.3 23.2 43.2



#6
 Bromomethane
 Concen: 5.04 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. -0.000 min
 Lab File: VU043935.D
 Acq: 25 May 2021 02:00

Tgt Ion: 94 Resp: 47022
 Ion Ratio Lower Upper
 94 100
 96 90.9 67.1 124.7

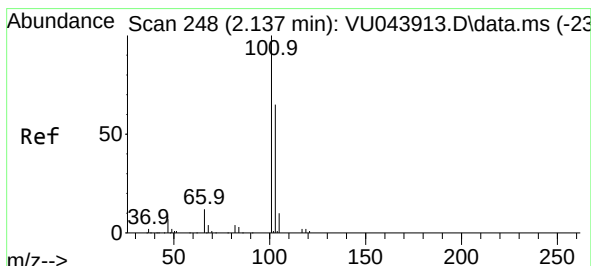
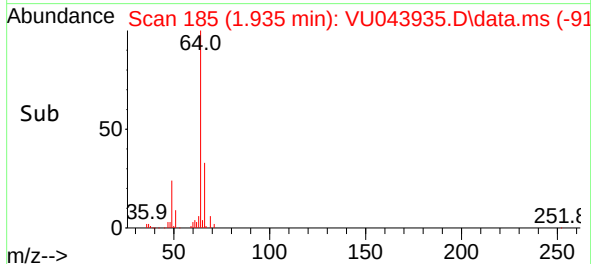
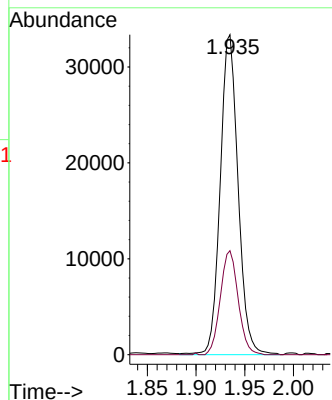
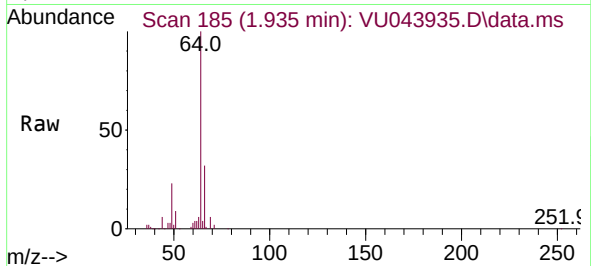




#8
Chloroethane
Concen: 5.08 ug/L
RT: 1.935 min Scan# 185
Delta R.T. 0.003 min
Lab File: VU043935.D
Acq: 25 May 2021 02:00

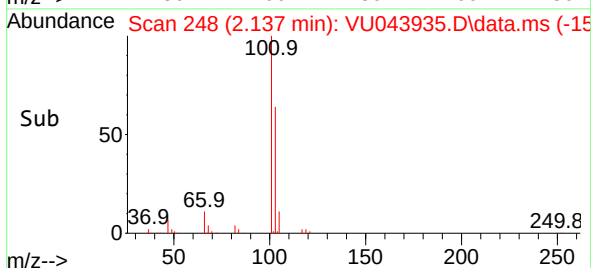
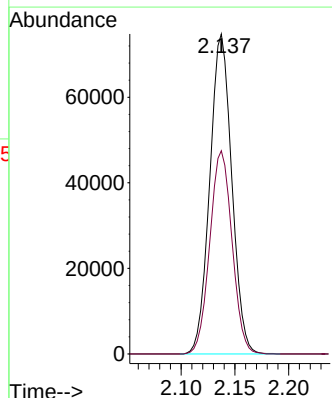
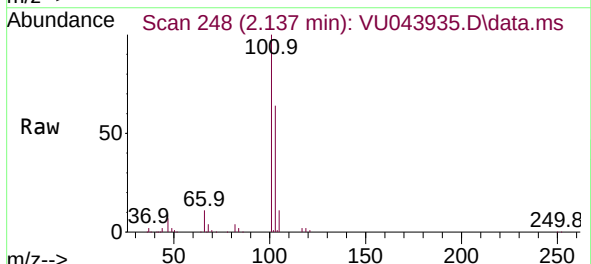
Instrument :
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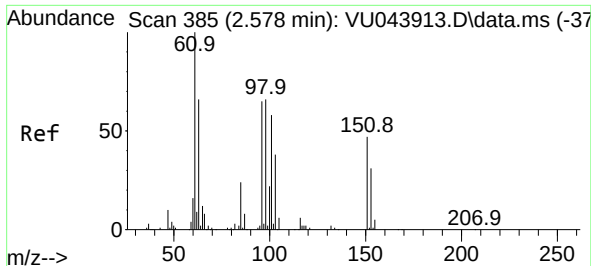
Tgt Ion: 64 Resp: 42545
Ion Ratio Lower Upper
64 100
66 32.5 23.7 44.1



#9
Trichlorofluoromethane
Concen: 5.17 ug/L
RT: 2.137 min Scan# 248
Delta R.T. -0.000 min
Lab File: VU043935.D
Acq: 25 May 2021 02:00

Tgt Ion: 101 Resp: 106295
Ion Ratio Lower Upper
101 100
103 64.3 51.5 77.3

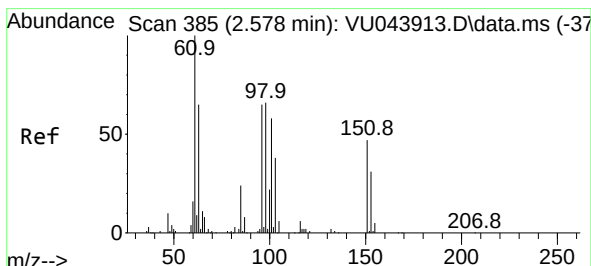
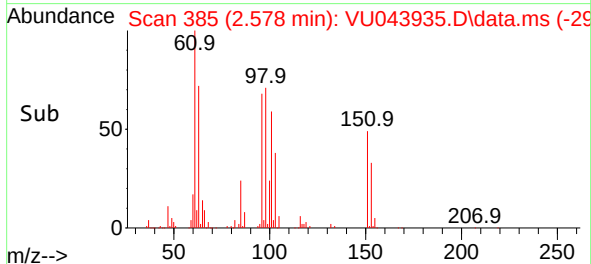
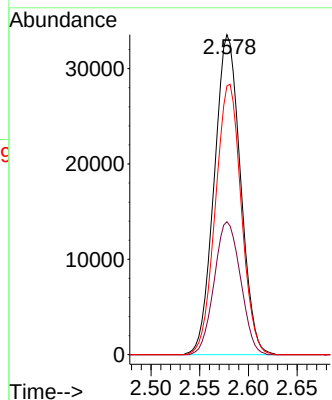
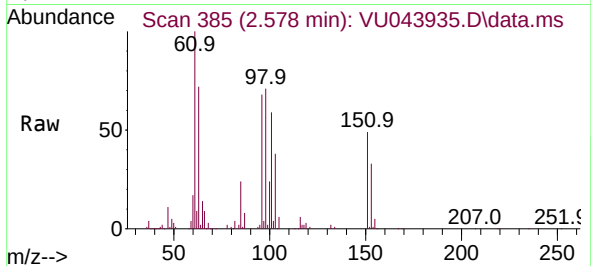




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.16 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU043935.D
 Acq: 25 May 2021 02:00

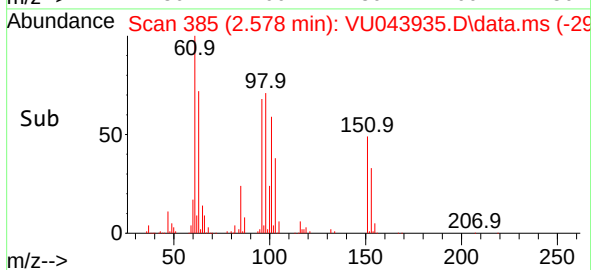
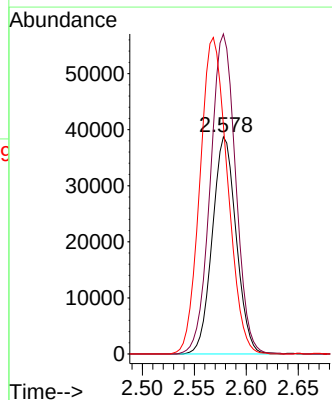
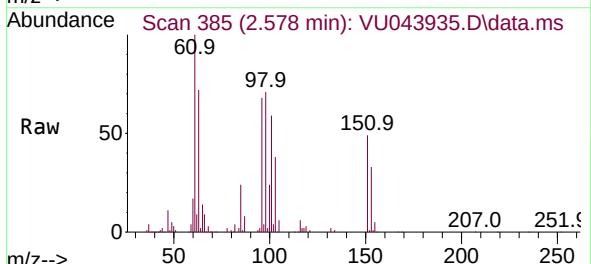
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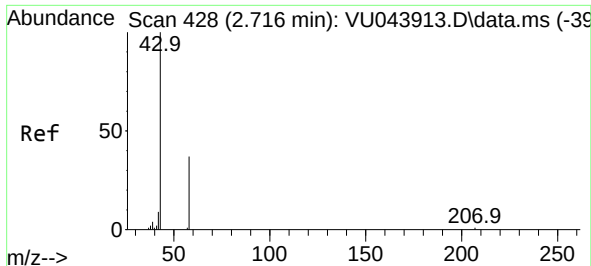
Tgt Ion:101 Resp: 62828
 Ion Ratio Lower Upper
 101 100
 85 41.7 32.5 48.7
 151 83.3 64.9 97.3



#12
 1,1-Dichloroethene
 Concen: 4.18 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU043935.D
 Acq: 25 May 2021 02:00

Tgt Ion: 96 Resp: 61851
 Ion Ratio Lower Upper
 96 100
 61 147.3 105.1 195.3
 63 105.4 66.6 123.6

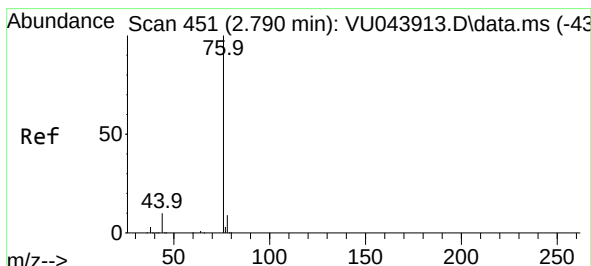
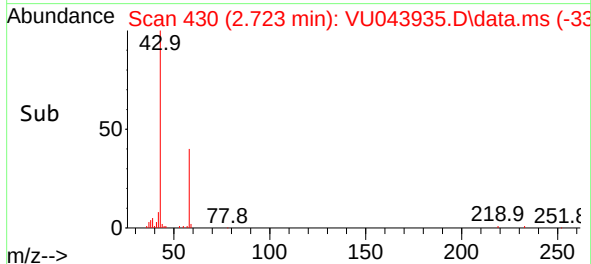
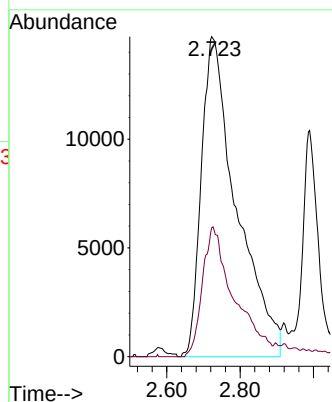
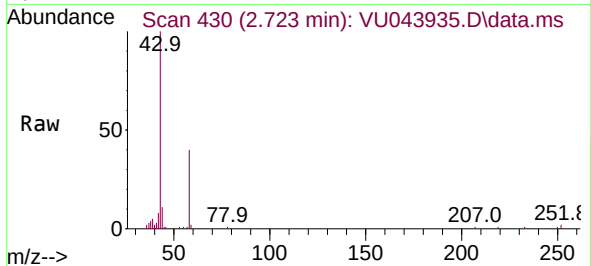




#13
Acetone
Concen: 46.08 ug/L
RT: 2.723 min Scan# 430
Delta R.T. 0.006 min
Lab File: VU043935.D
Acq: 25 May 2021 02:00

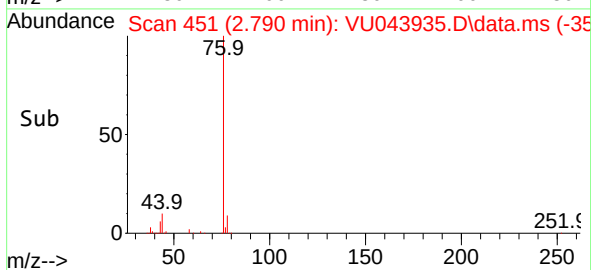
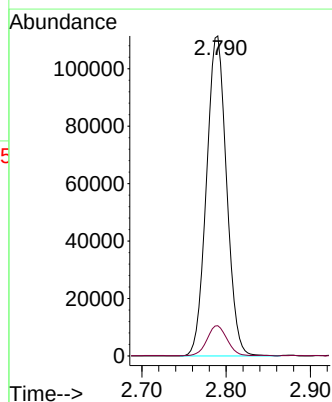
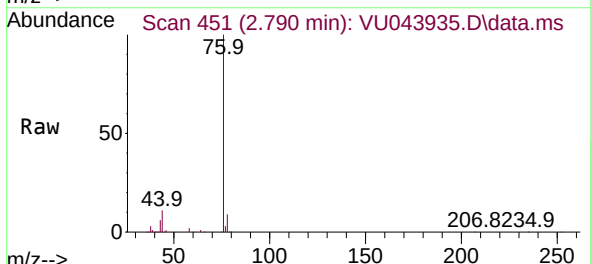
Instrument :
MSVOA_U
ClientSampleId :
VSTD005142

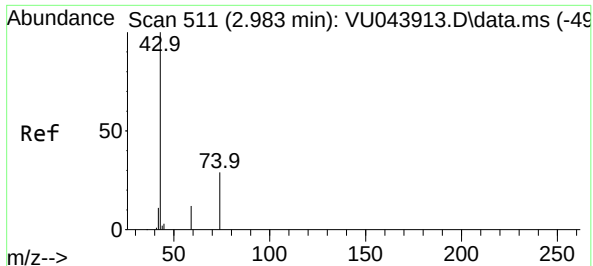
Tgt Ion: 43 Resp: 98191
Ion Ratio Lower Upper
43 100
58 36.5 0.0 46.2



#14
Carbon disulfide
Concen: 4.15 ug/L
RT: 2.790 min Scan# 451
Delta R.T. -0.000 min
Lab File: VU043935.D
Acq: 25 May 2021 02:00

Tgt Ion: 76 Resp: 184756
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6

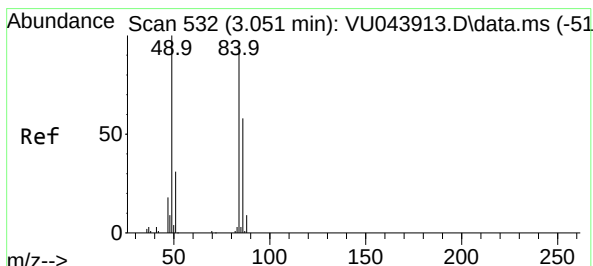
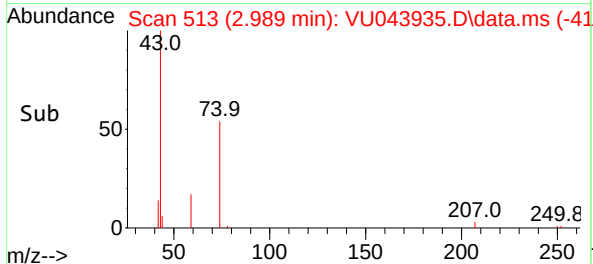
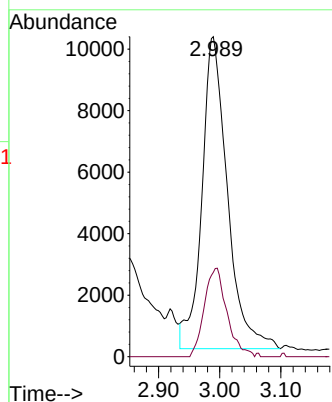
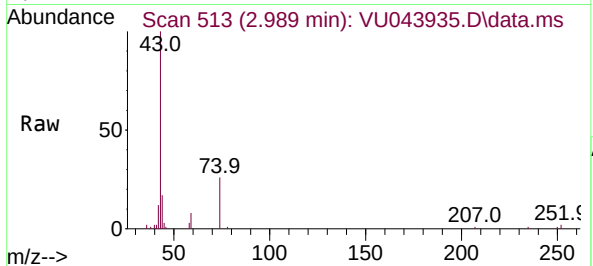




#15
Methyl Acetate
Concen: 4.92 ug/L
RT: 2.989 min Scan# 513
Delta R.T. 0.006 min
Lab File: VU043935.D
Acq: 25 May 2021 02:00

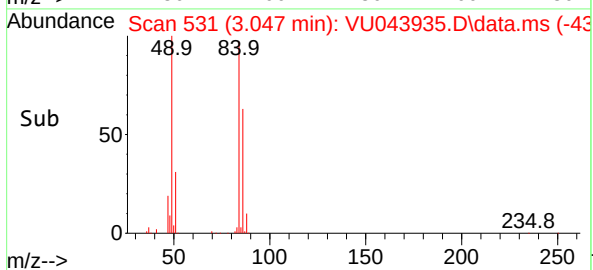
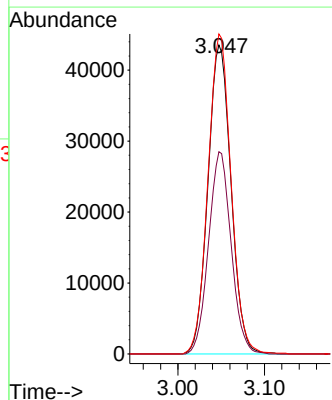
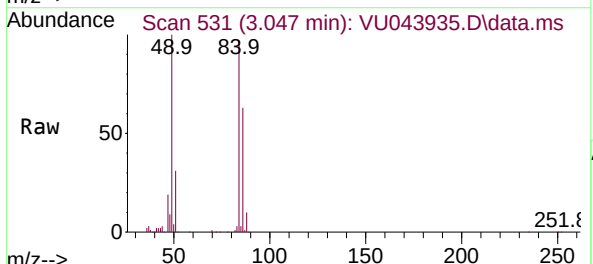
Instrument :
MSVOA_U
ClientSampleId :
VSTD005142

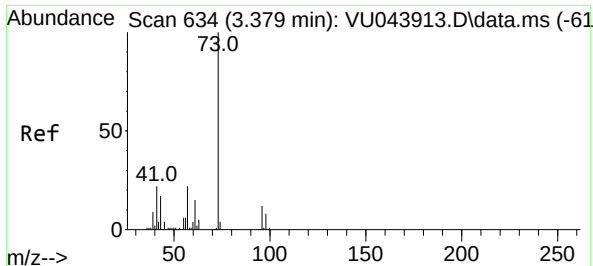
Tgt Ion: 43 Resp: 29408
Ion Ratio Lower Upper
43 100
74 25.1 13.8 20.6#



#16
Methylene chloride
Concen: 4.26 ug/L
RT: 3.047 min Scan# 531
Delta R.T. -0.003 min
Lab File: VU043935.D
Acq: 25 May 2021 02:00

Tgt Ion: 84 Resp: 80736
Ion Ratio Lower Upper
84 100
86 65.5 45.6 84.8
49 103.6 74.2 137.8



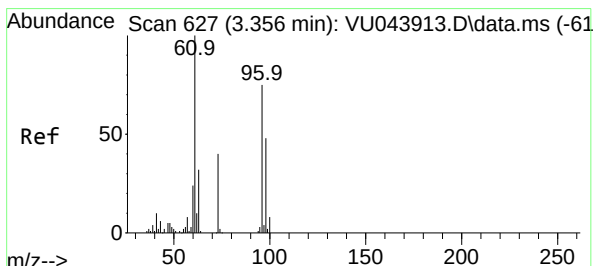
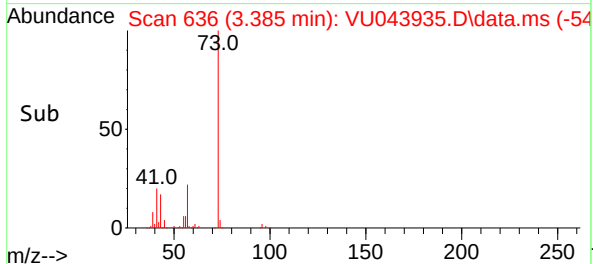
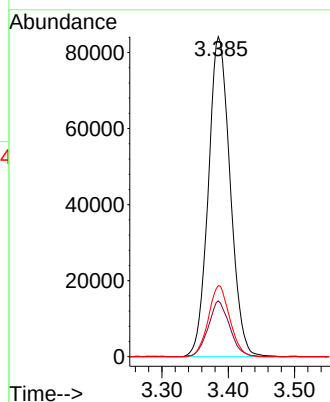
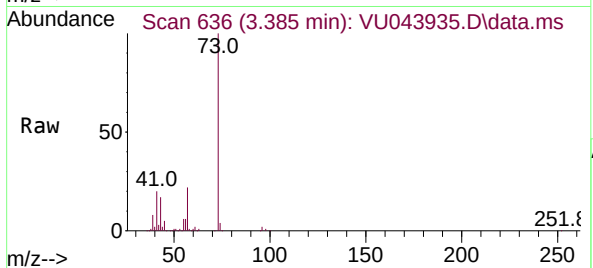


#17

Methyl tert-butyl Ether
Concen: 6.00 ug/L
RT: 3.385 min Scan# 636
Delta R.T. 0.006 min
Lab File: VU043935.D
Acq: 25 May 2021 02:00

Instrument :
MSVOA_U
ClientSampleId :
VSTD005142

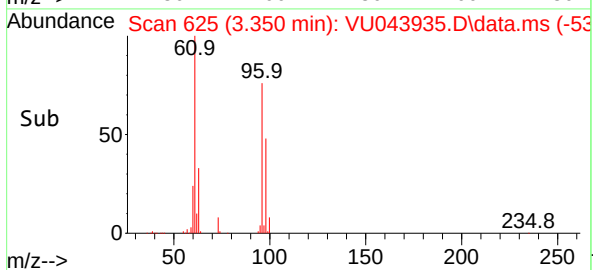
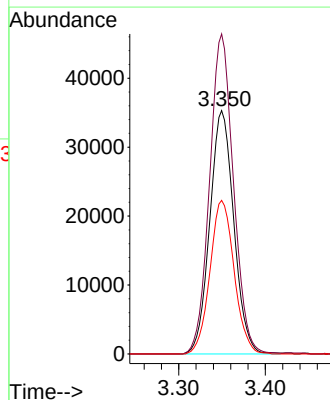
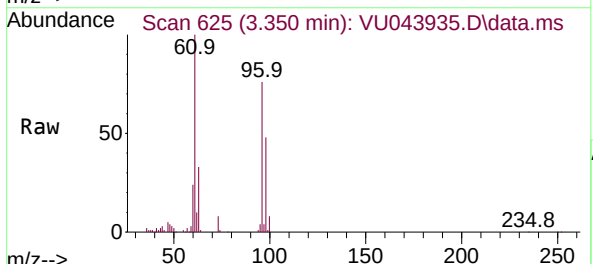
Tgt Ion:	73	Resp:	192118
Ion	Ratio	Lower	Upper
73	100		
43	17.2	13.8	20.8
57	21.8	17.8	26.8

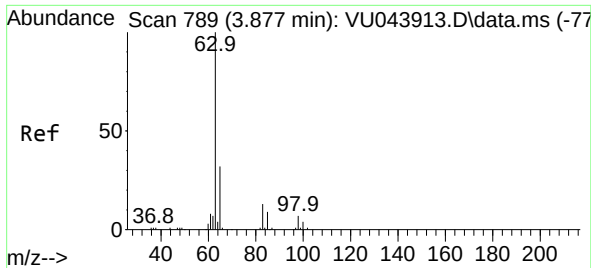


#18

trans-1,2-Dichloroethene
Concen: 4.50 ug/L
RT: 3.350 min Scan# 625
Delta R.T. -0.006 min
Lab File: VU043935.D
Acq: 25 May 2021 02:00

Tgt Ion:	96	Resp:	68065
Ion	Ratio	Lower	Upper
96	100		
61	131.5	93.9	174.3
98	63.1	43.5	80.7

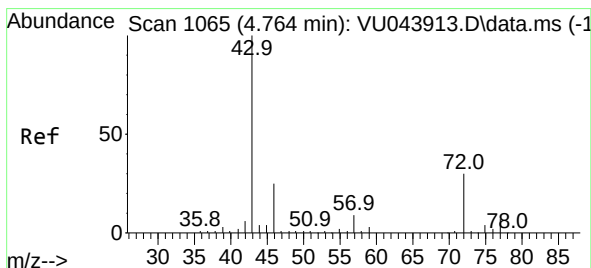
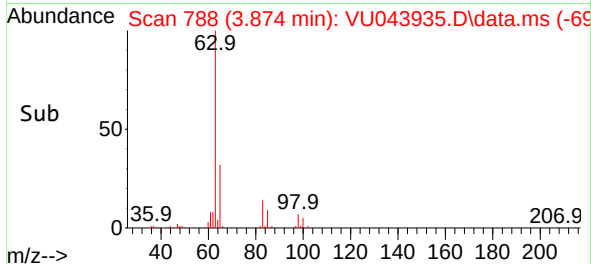
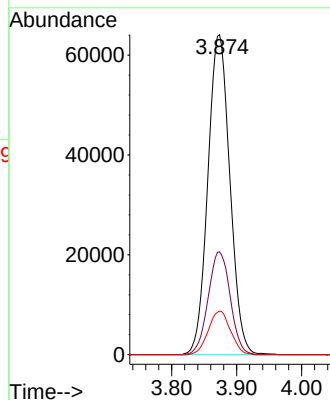
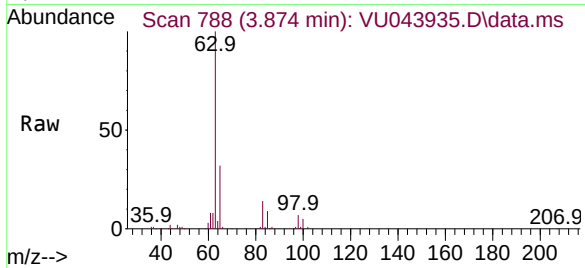




#19
1,1-Dichloroethane
Concen: 5.72 ug/L
RT: 3.874 min Scan# 788
Delta R.T. -0.003 min
Lab File: VU043935.D
Acq: 25 May 2021 02:00

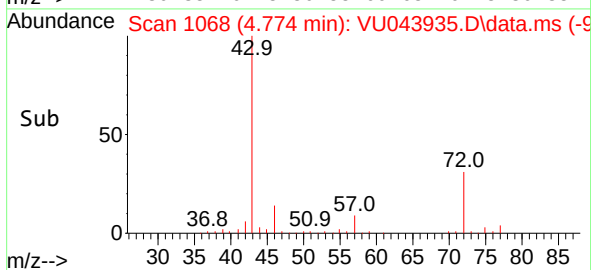
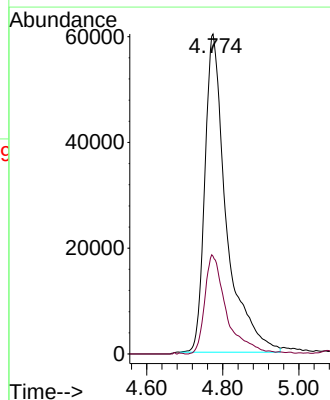
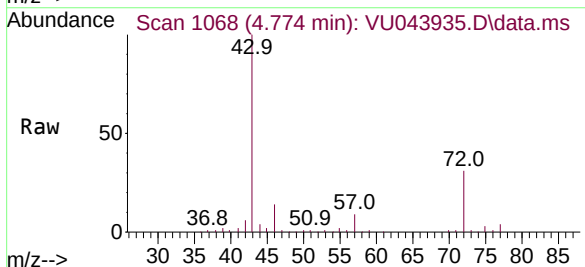
Instrument :
MSVOA_U
ClientSampleId :
VSTD005142

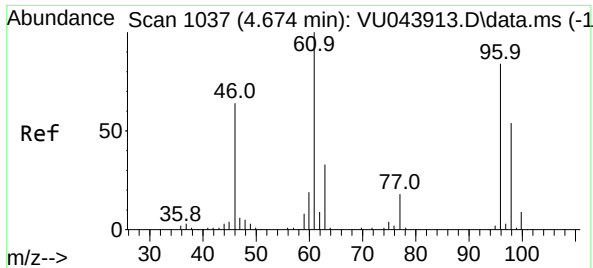
Tgt Ion:	63	Resp:	150955
Ion	Ratio	Lower	Upper
63	100		
65	32.2	23.2	43.2
83	13.6	9.7	18.1



#21
2-Butanone
Concen: 55.79 ug/L
RT: 4.774 min Scan# 1068
Delta R.T. 0.010 min
Lab File: VU043935.D
Acq: 25 May 2021 02:00

Tgt Ion:	43	Resp:	235906
Ion	Ratio	Lower	Upper
43	100		
72	31.2	14.7	44.1

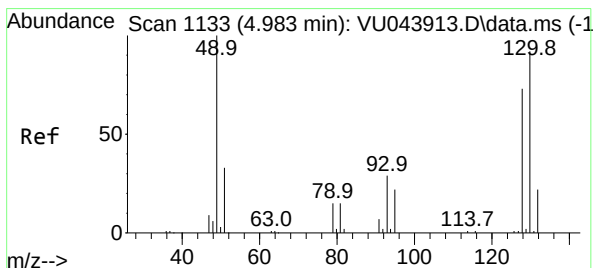
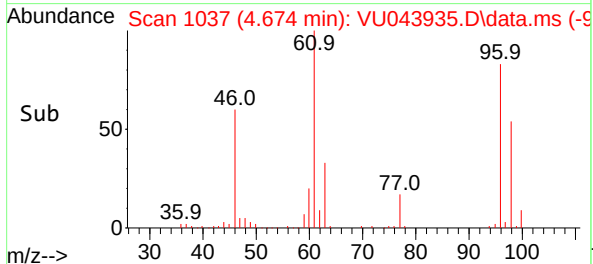
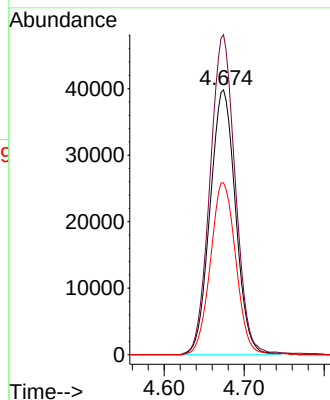
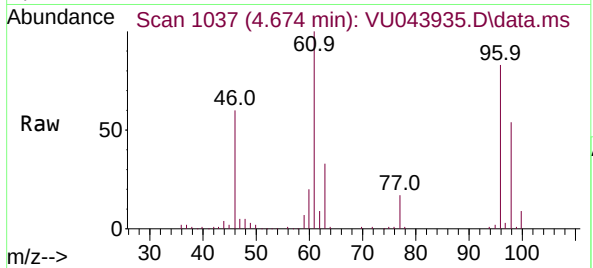




#22
cis-1,2-Dichloroethene
Concen: 5.35 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VU043935.D
Acq: 25 May 2021 02:00

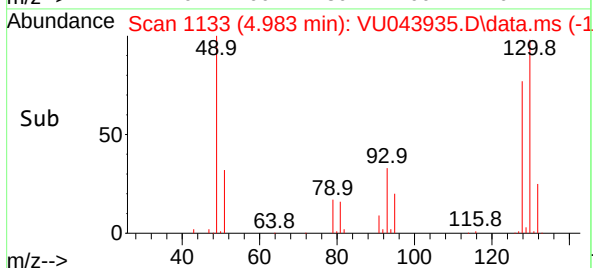
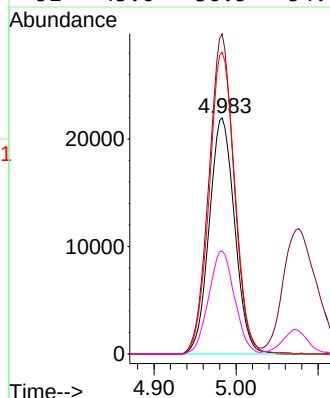
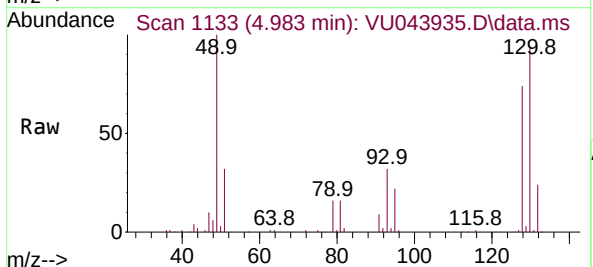
Instrument :
MSVOA_U
ClientSampleId :
VSTD005142

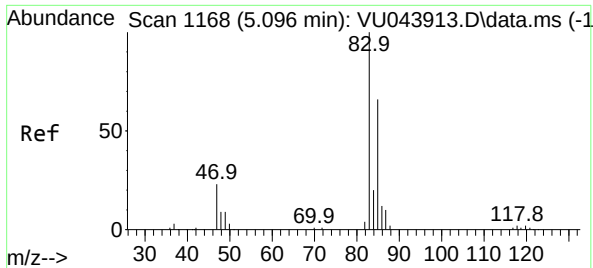
Tgt Ion:	96	Resp:	88044
Ion	Ratio	Lower	Upper
96	100		
61	120.8	82.9	153.9
98	64.9	43.3	80.5



#23
Bromochloromethane
Concen: 5.59 ug/L
RT: 4.983 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VU043935.D
Acq: 25 May 2021 02:00

Tgt Ion:	128	Resp:	47186
Ion	Ratio	Lower	Upper
128	100		
49	135.5	98.7	183.3
130	127.8	94.6	175.8
51	43.6	36.5	54.7





#25

Chloroform

Concen: 5.43 ug/L

RT: 5.095 min Scan# 1168

Delta R.T. -0.000 min

Lab File: VU043935.D

Acq: 25 May 2021 02:00

Instrument :

MSVOA_U

ClientSampleId :

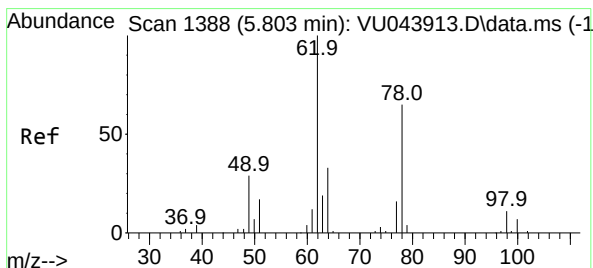
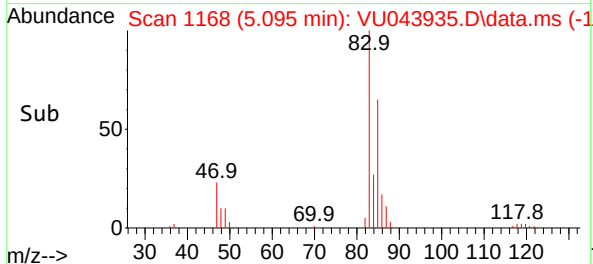
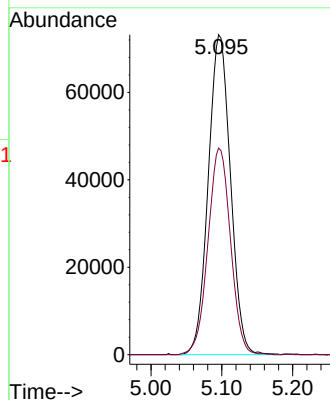
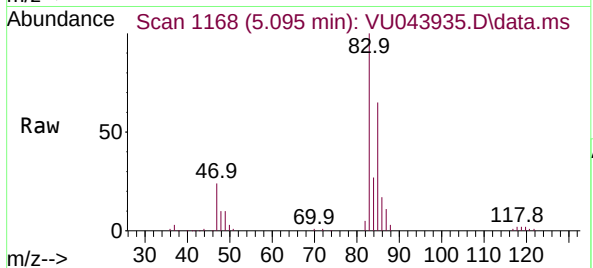
VSTD005142

Tgt Ion: 83 Resp: 159526

Ion Ratio Lower Upper

83 100

85 64.6 44.7 82.9



#27

1,2-Dichloroethane

Concen: 5.47 ug/L

RT: 5.806 min Scan# 1389

Delta R.T. 0.003 min

Lab File: VU043935.D

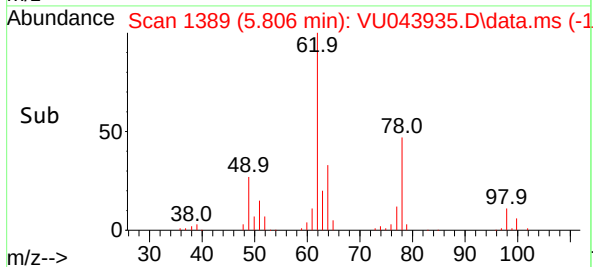
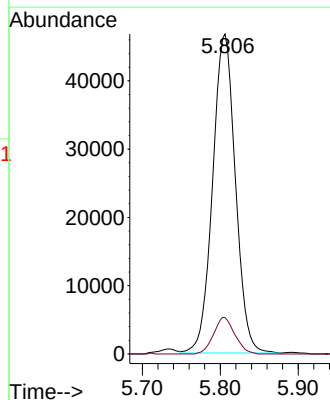
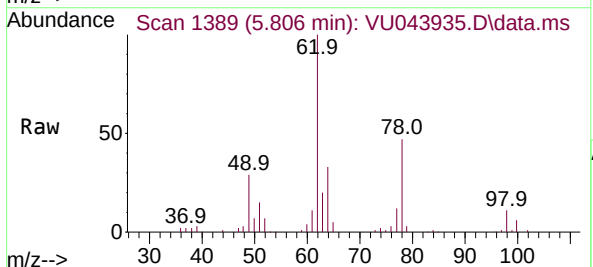
Acq: 25 May 2021 02:00

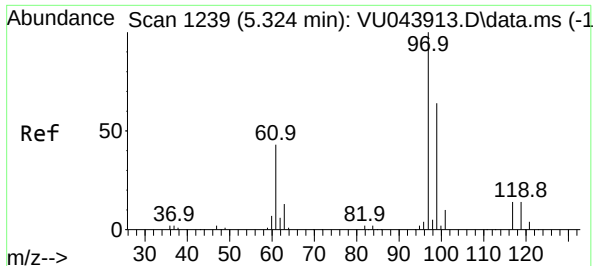
Tgt Ion: 62 Resp: 94950

Ion Ratio Lower Upper

62 100

98 11.4 8.3 12.5





#29

1,1,1-Trichloroethane

Concen: 5.45 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. -0.003 min

Lab File: VU043935.D

Acq: 25 May 2021 02:00

Tgt Ion: 97 Resp: 130680

Ion Ratio Lower Upper

97 100

99 64.5 51.9 77.9

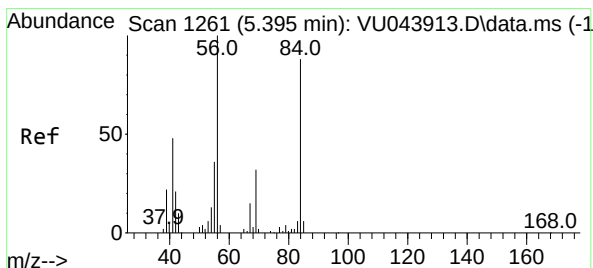
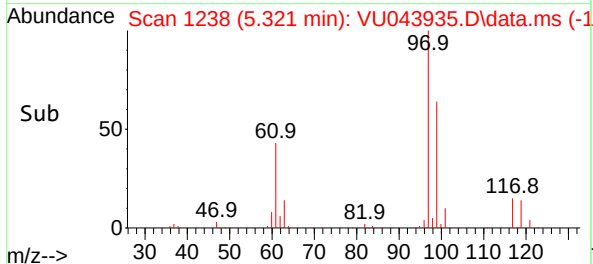
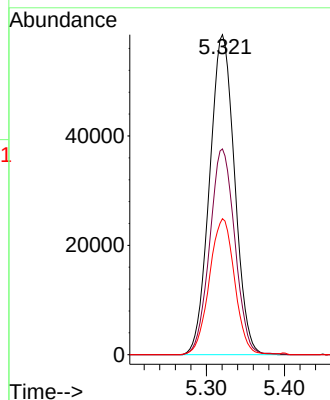
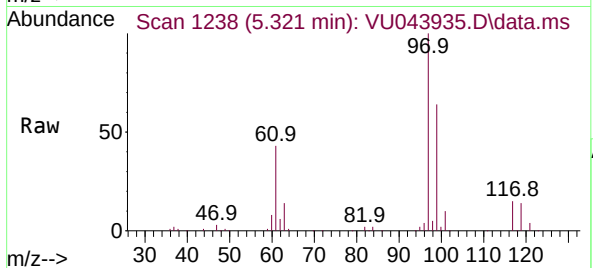
61 42.9 34.7 52.1

Instrument :

MSVOA_U

ClientSampleId :

VSTD005142



#30

Cyclohexane

Concen: 5.47 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. -0.006 min

Lab File: VU043935.D

Acq: 25 May 2021 02:00

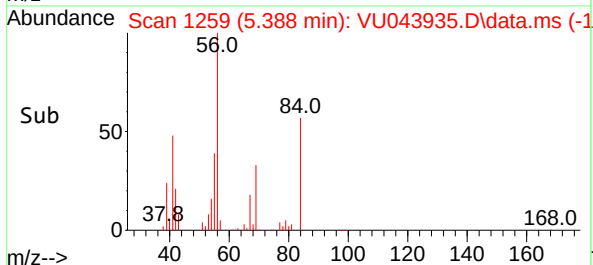
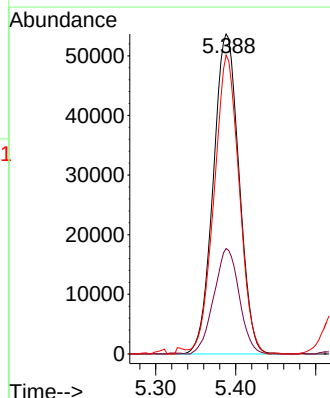
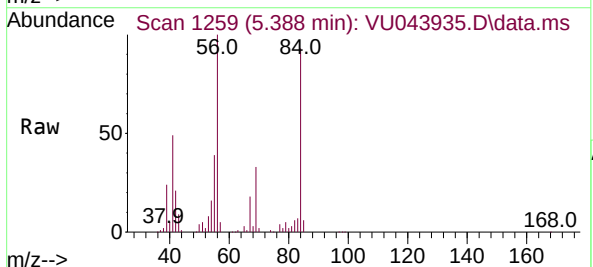
Tgt Ion: 56 Resp: 120052

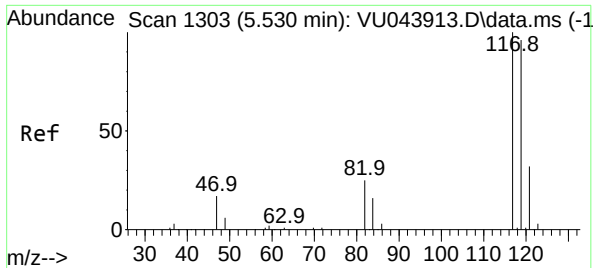
Ion Ratio Lower Upper

56 100

69 32.4 25.4 38.0

84 91.1 72.0 108.0

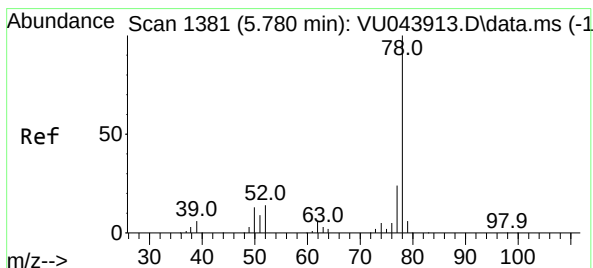
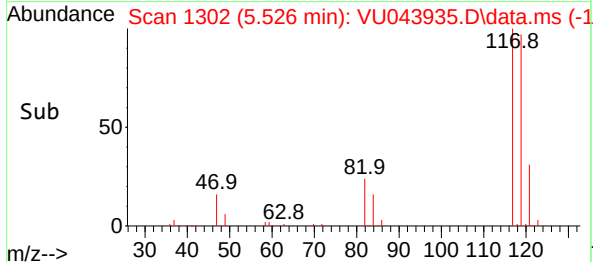
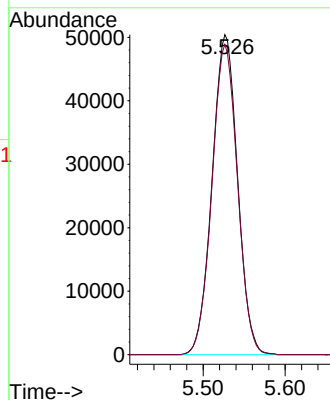
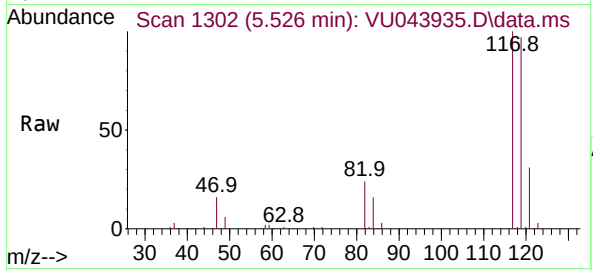




#31
Carbon tetrachloride
Concen: 5.31 ug/L
RT: 5.526 min Scan# 1302
Delta R.T. -0.003 min
Lab File: VU043935.D
Acq: 25 May 2021 02:00

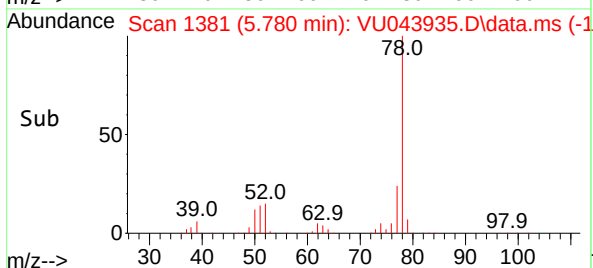
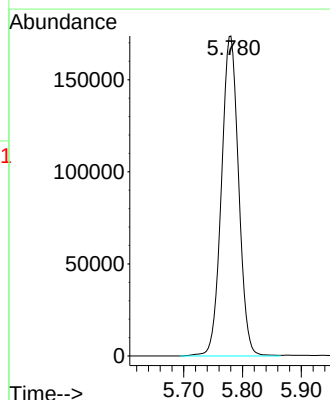
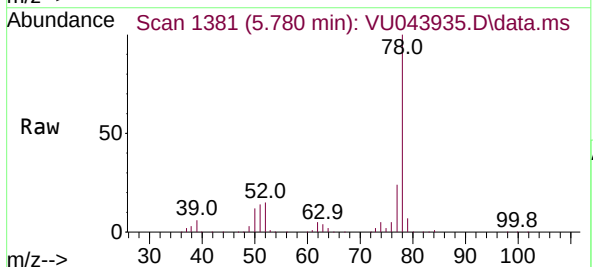
Instrument :
MSVOA_U
ClientSampleId :
VSTD005142

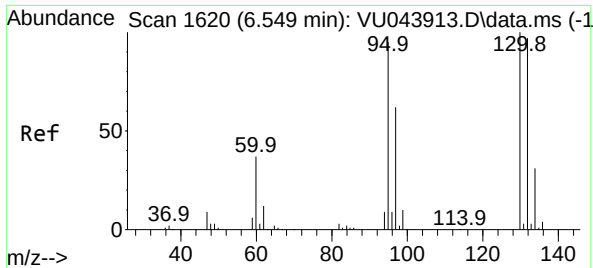
Tgt Ion:117 Resp: 108860
Ion Ratio Lower Upper
117 100
119 97.2 77.4 116.0



#33
Benzene
Concen: 5.64 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VU043935.D
Acq: 25 May 2021 02:00

Tgt Ion: 78 Resp: 352581



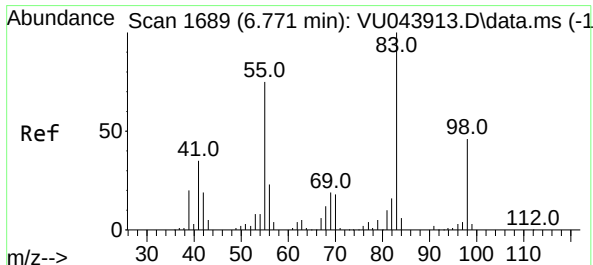
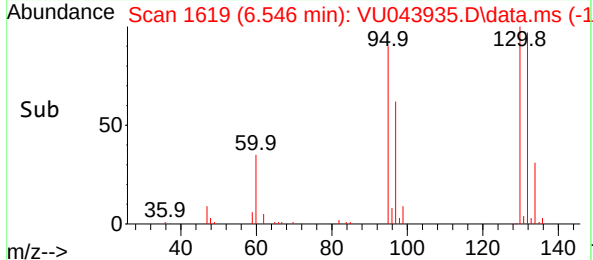
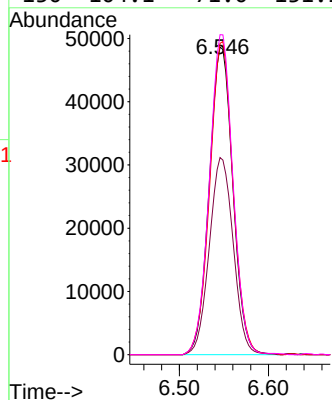
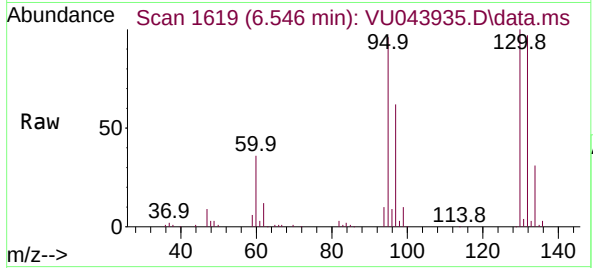


#34
Trichloroethene
Concen: 5.51 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.003 min
Lab File: VU043935.D
Acq: 25 May 2021 02:00

Instrument :
MSVOA_U
ClientSampleId :
VSTD005142

Tgt Ion: 95 Resp: 89653

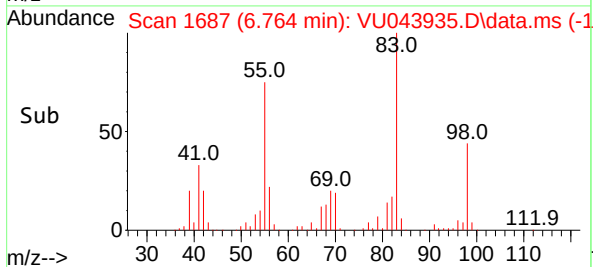
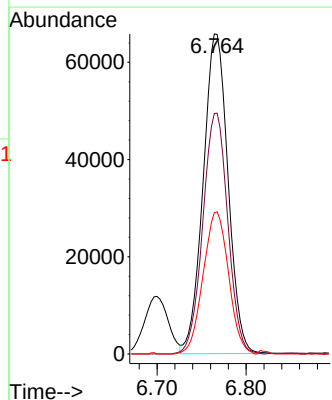
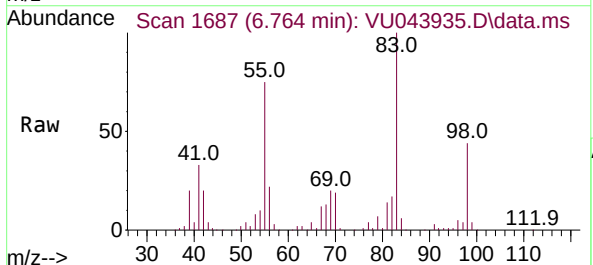
Ion	Ratio	Lower	Upper
95	100		
97	64.1	45.5	84.5
132	101.3	70.9	131.7
130	104.1	71.0	131.9

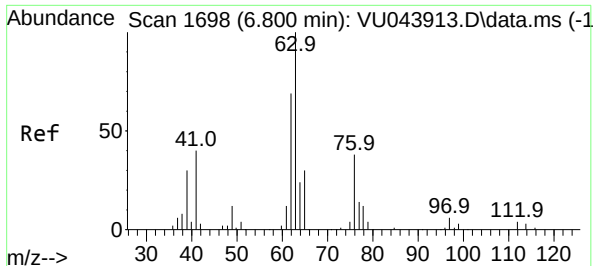


#35
Methylcyclohexane
Concen: 5.37 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.006 min
Lab File: VU043935.D
Acq: 25 May 2021 02:00

Tgt Ion: 83 Resp: 127441

Ion	Ratio	Lower	Upper
83	100		
55	75.7	61.2	91.8
98	45.4	37.0	55.4



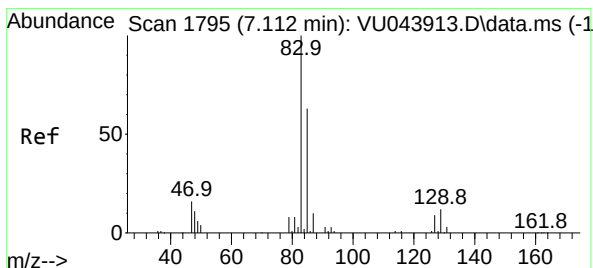
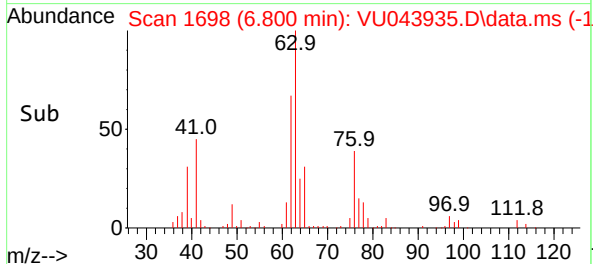
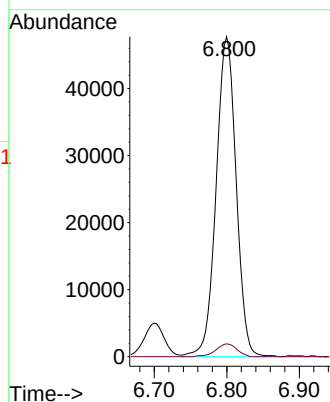
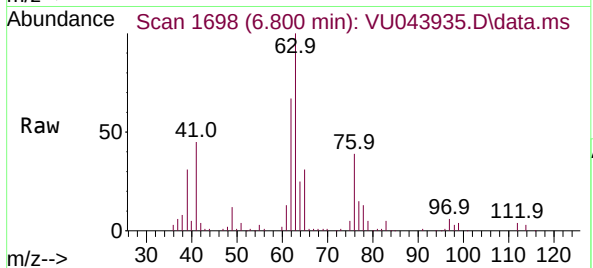


#37

1,2-Dichloropropane
Concen: 5.52 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VU043935.D
Acq: 25 May 2021 02:00

Instrument :
MSVOA_U
ClientSampleId :
VSTD005142

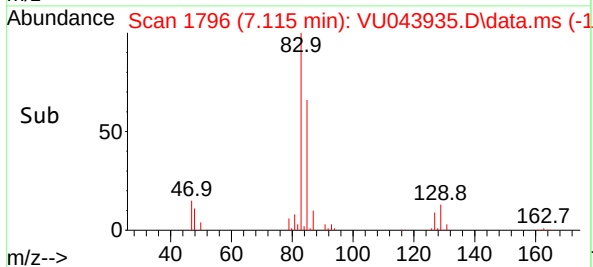
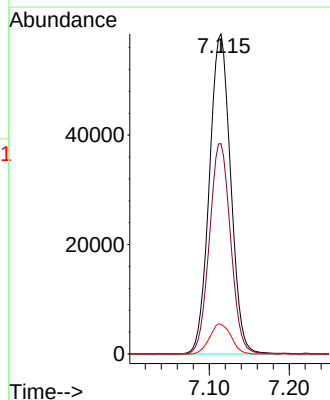
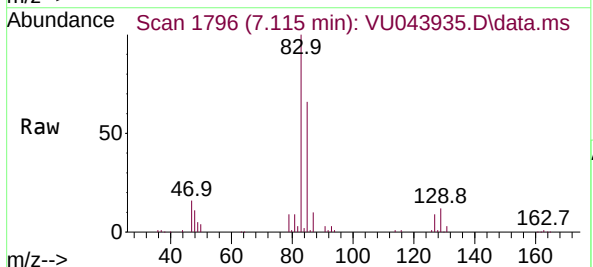
Tgt Ion: 63 Resp: 91550
Ion Ratio Lower Upper
63 100
112 4.2 3.7 5.5

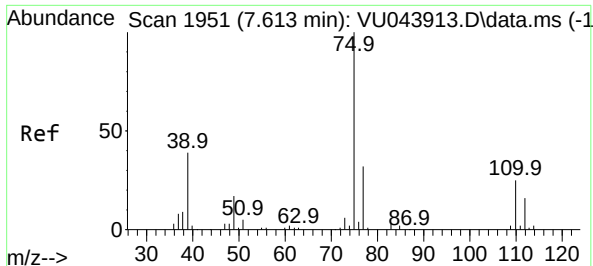


#38

Bromodichloromethane
Concen: 5.43 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. 0.003 min
Lab File: VU043935.D
Acq: 25 May 2021 02:00

Tgt Ion: 83 Resp: 108088
Ion Ratio Lower Upper
83 100
85 65.7 45.0 83.6
127 9.3 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 5.27 ug/L

RT: 7.613 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VU043935.D

Acq: 25 May 2021 02:00

Tgt Ion: 75 Resp: 113545

Ion Ratio Lower Upper

75 100

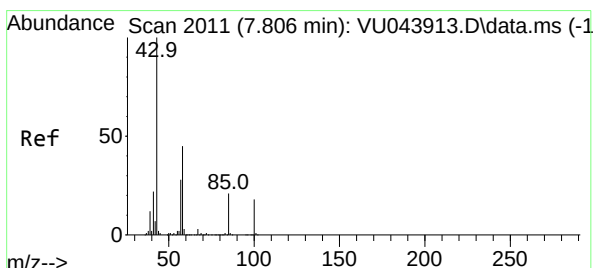
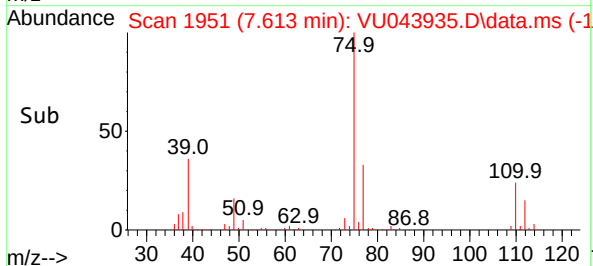
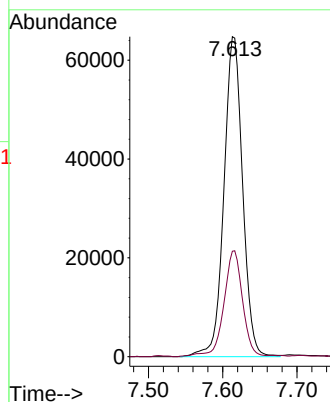
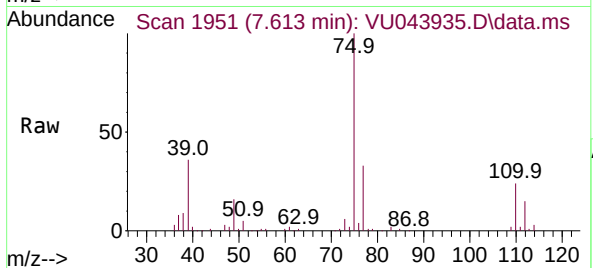
77 33.0 22.3 41.3

Instrument :

MSVOA_U

ClientSampled :

VSTD005142



#40

4-Methyl-2-pentanone

Concen: 57.21 ug/L

RT: 7.809 min Scan# 2012

Delta R.T. 0.003 min

Lab File: VU043935.D

Acq: 25 May 2021 02:00

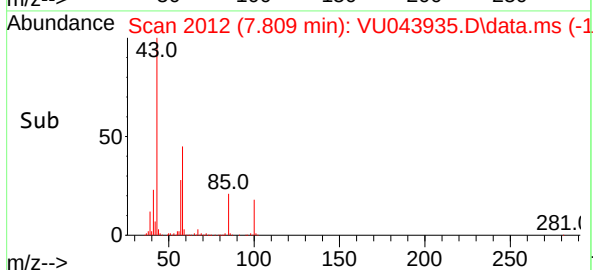
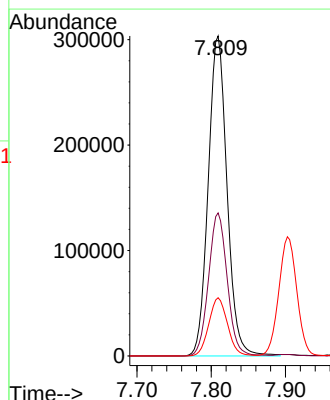
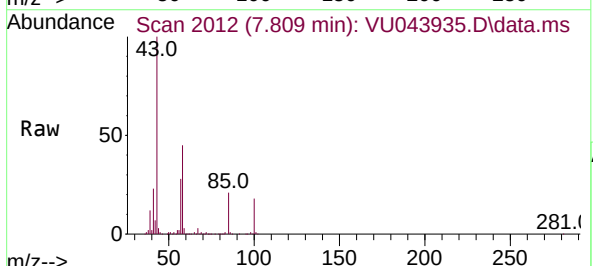
Tgt Ion: 43 Resp: 533991

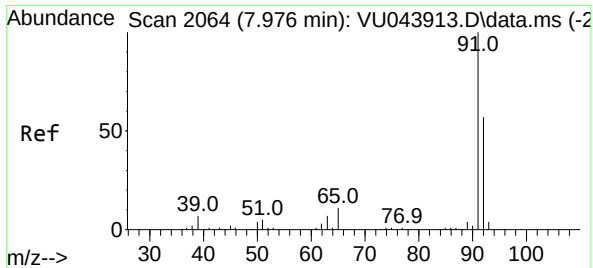
Ion Ratio Lower Upper

43 100

58 44.4 35.2 52.8

100 18.1 14.2 21.2

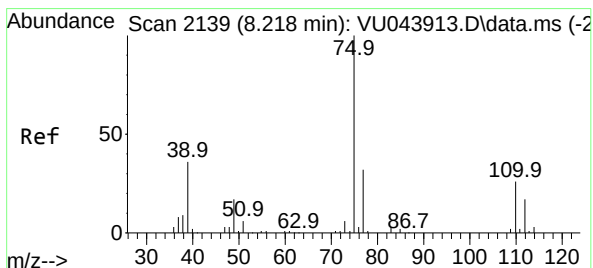
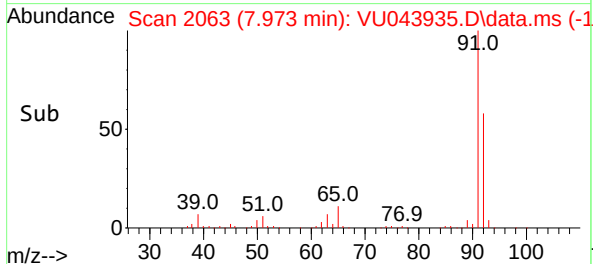
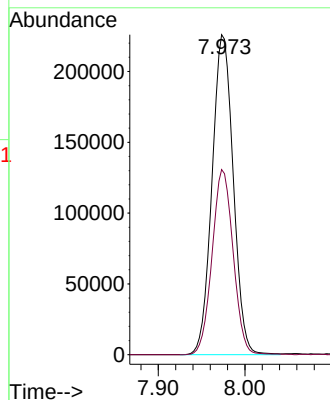
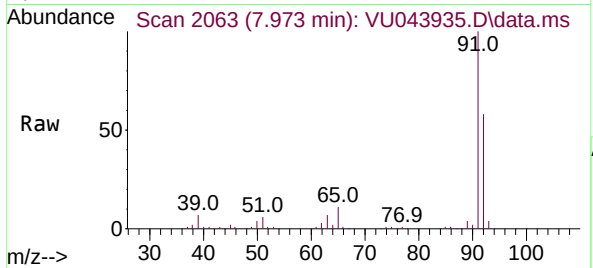




#42
Toluene
Concen: 5.83 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.003 min
Lab File: VU043935.D
Acq: 25 May 2021 02:00

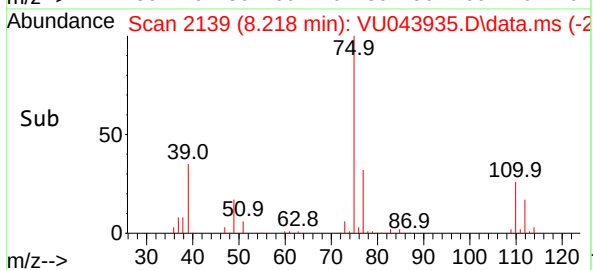
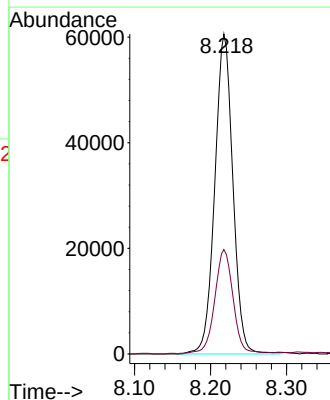
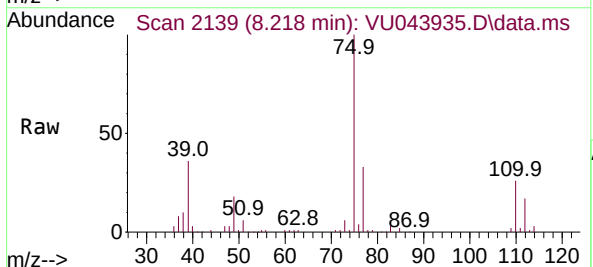
Instrument :
MSVOA_U
ClientSampleId :
VSTD005142

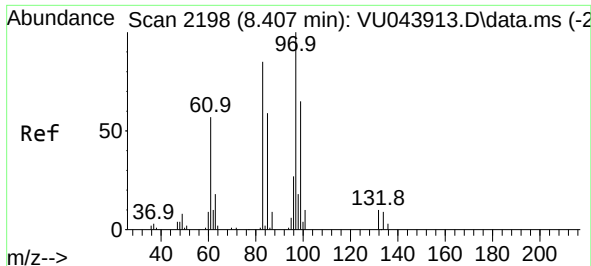
Tgt Ion: 91 Resp: 384703
Ion Ratio Lower Upper
91 100
92 57.8 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 5.41 ug/L
RT: 8.218 min Scan# 2139
Delta R.T. -0.000 min
Lab File: VU043935.D
Acq: 25 May 2021 02:00

Tgt Ion: 75 Resp: 100026
Ion Ratio Lower Upper
75 100
77 32.7 23.0 42.6

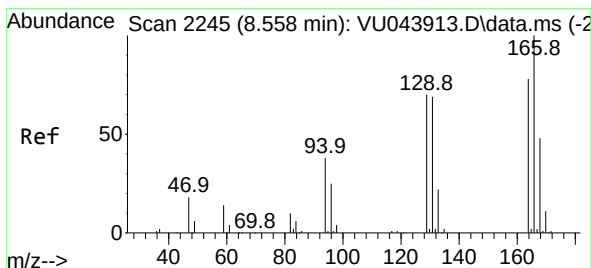
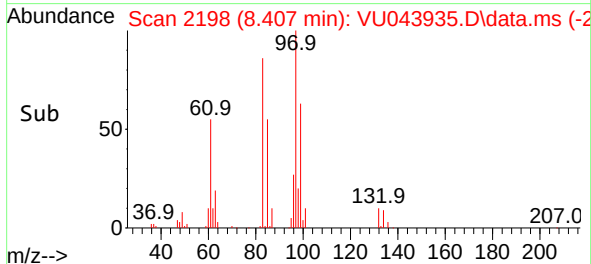
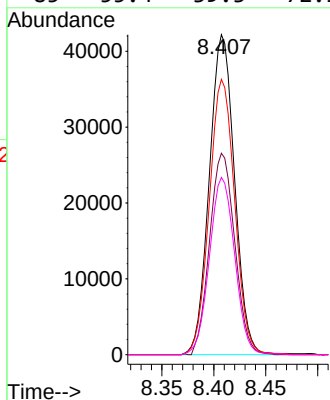
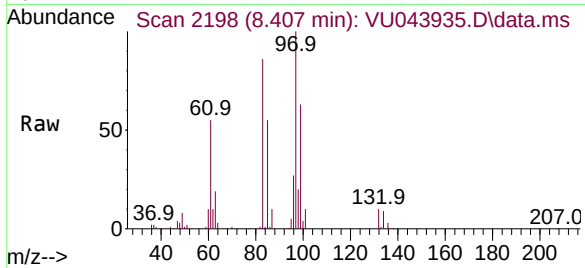




#45
1,1,2-Trichloroethane
Concen: 5.63 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. -0.000 min
Lab File: VU043935.D
Acq: 25 May 2021 02:00

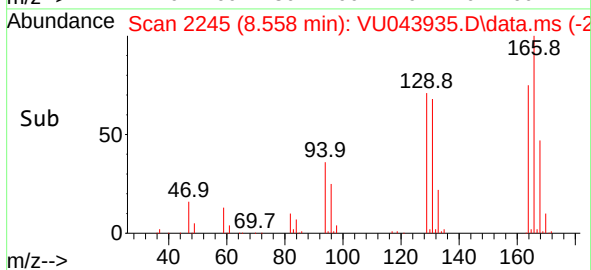
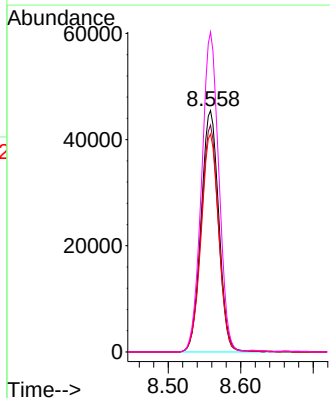
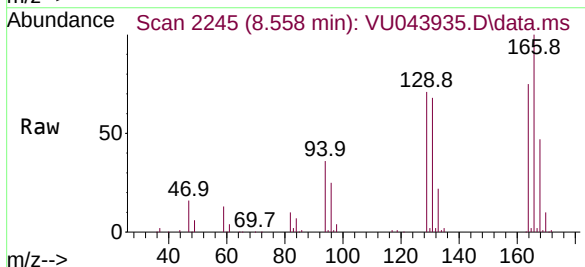
Instrument :
MSVOA_U
ClientSampleId :
VSTD005142

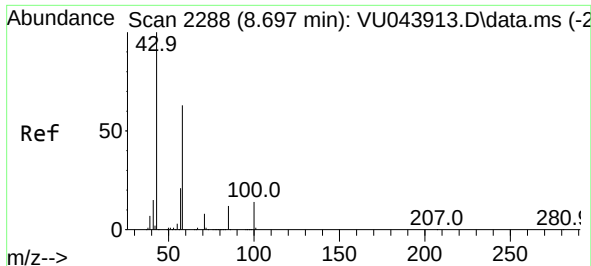
Tgt Ion:	97	Resp:	71293
Ion	Ratio	Lower	Upper
97	100		
99	63.0	45.6	84.6
83	86.0	59.6	110.8
85	55.4	39.3	72.9



#47
Tetrachloroethene
Concen: 5.51 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.000 min
Lab File: VU043935.D
Acq: 25 May 2021 02:00

Tgt Ion:	164	Resp:	77257
Ion	Ratio	Lower	Upper
164	100		
129	94.0	64.1	119.1
131	90.3	64.5	119.9
166	132.6	90.8	168.6

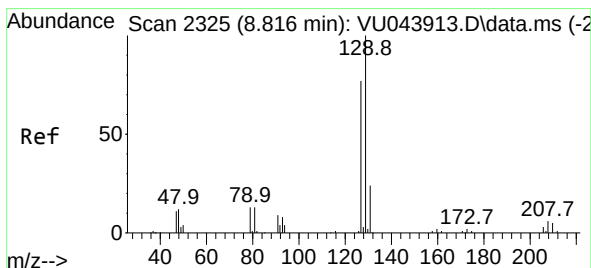
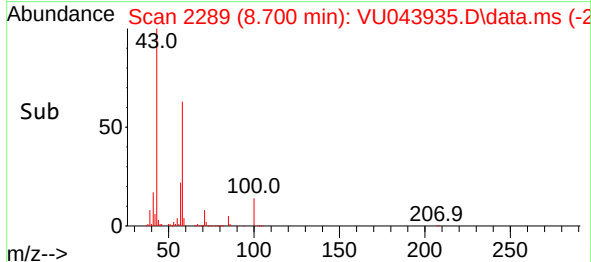
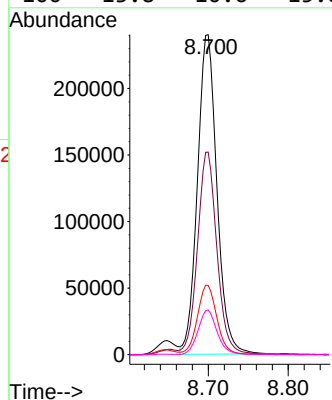
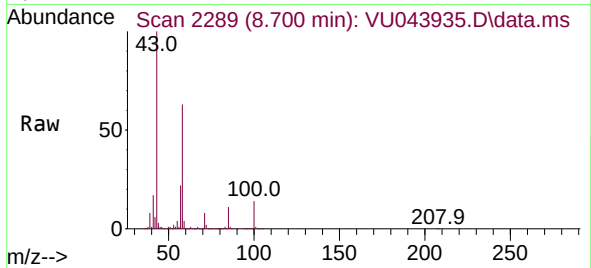




#48
2-Hexanone
Concen: 58.56 ug/L
RT: 8.700 min Scan# 2289
Delta R.T. 0.003 min
Lab File: VU043935.D
Acq: 25 May 2021 02:00

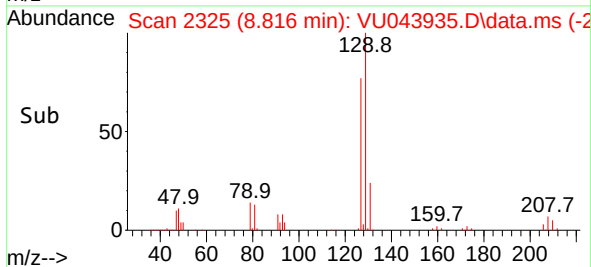
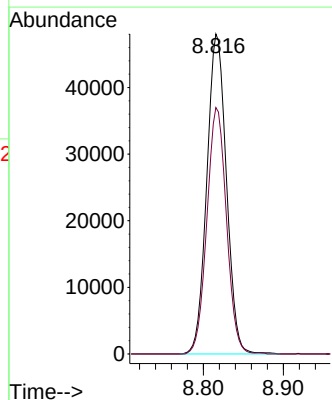
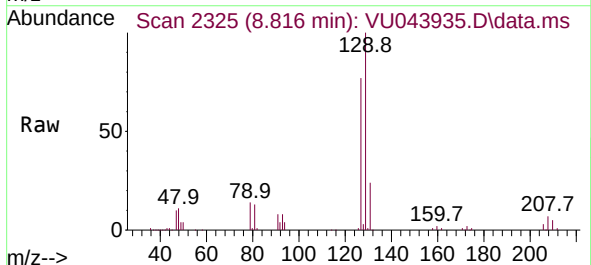
Instrument :
MSVOA_U
ClientSampleId :
VSTD005142

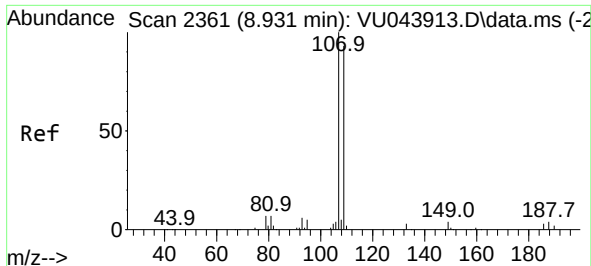
Tgt Ion: 43 Resp: 408135
Ion Ratio Lower Upper
43 100
58 63.3 49.4 74.0
57 21.9 16.8 25.2
100 13.8 10.6 15.8



#49
Dibromochloromethane
Concen: 5.58 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. -0.000 min
Lab File: VU043935.D
Acq: 25 May 2021 02:00

Tgt Ion: 129 Resp: 81924
Ion Ratio Lower Upper
129 100
127 77.0 54.1 100.5





#50

1,2-Dibromoethane

Concen: 5.72 ug/L

RT: 8.931 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VU043935.D

Acq: 25 May 2021 02:00

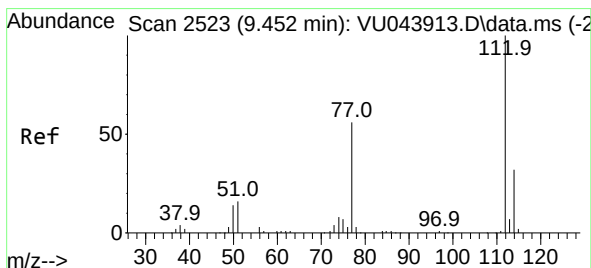
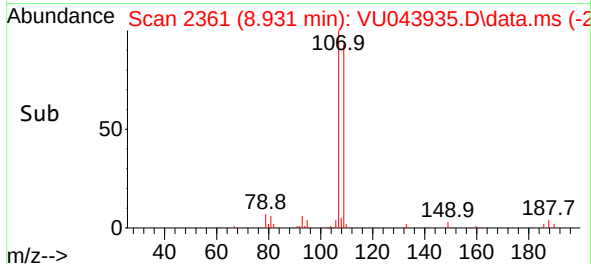
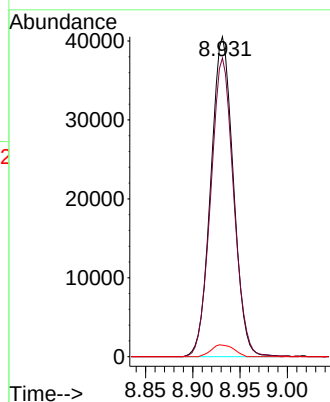
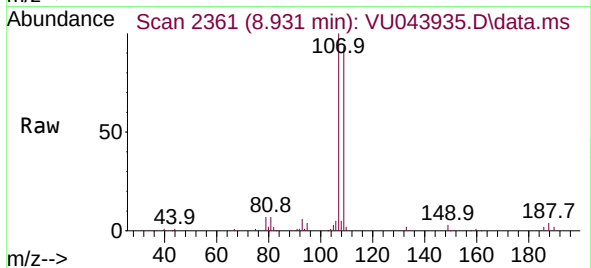
Instrument :

MSVOA_U

ClientSampleId :

VSTD005142

Tgt Ion:	107	Resp:	67322
Ion	Ratio	Lower	Upper
107	100		
109	93.4	65.5	121.6
188	3.6	3.2	4.8



#51

Chlorobenzene

Concen: 5.49 ug/L

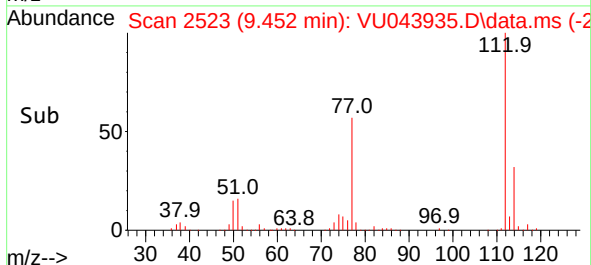
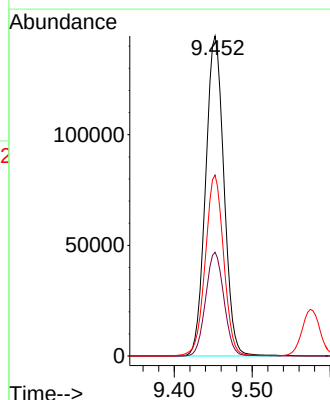
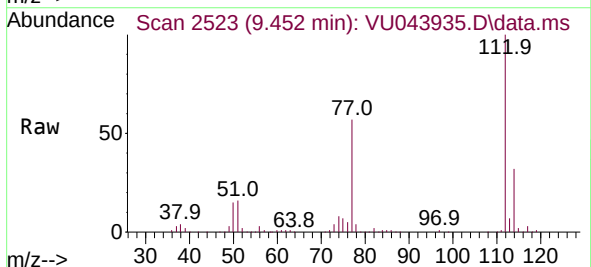
RT: 9.452 min Scan# 2523

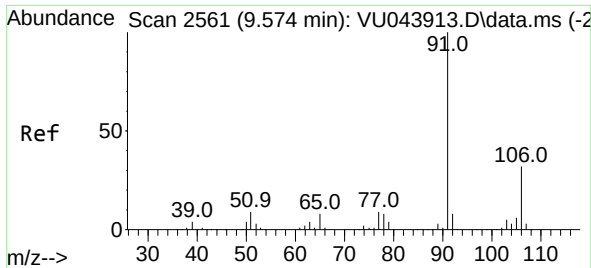
Delta R.T. -0.000 min

Lab File: VU043935.D

Acq: 25 May 2021 02:00

Tgt Ion:	112	Resp:	236285
Ion	Ratio	Lower	Upper
112	100		
114	32.4	22.7	42.1
77	56.6	45.9	68.9

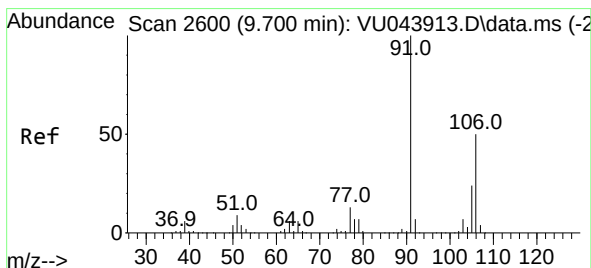
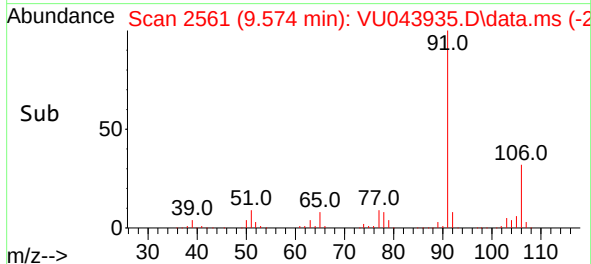
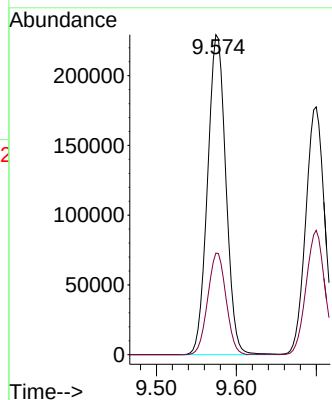
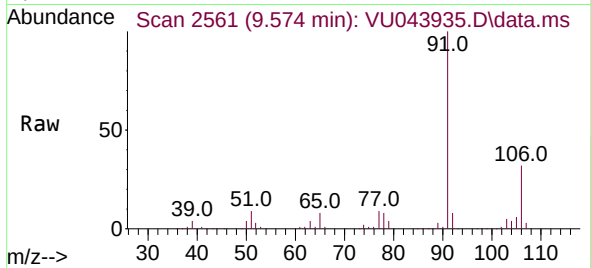




#52
Ethylbenzene
Concen: 5.58 ug/L
RT: 9.574 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU043935.D
Acq: 25 May 2021 02:00

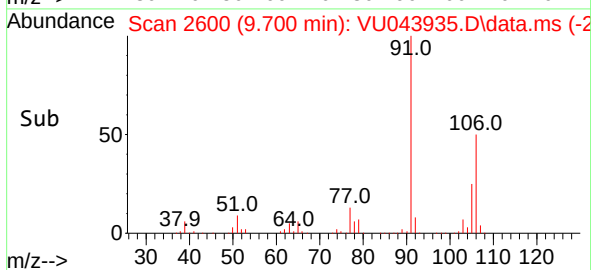
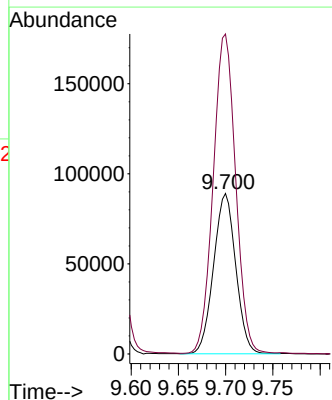
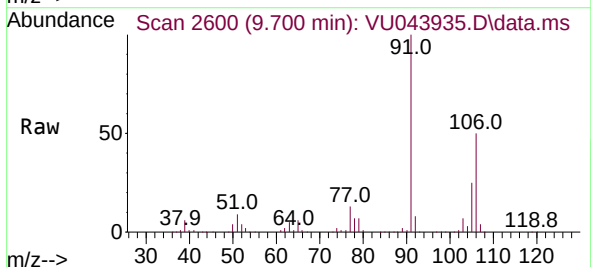
Instrument :
MSVOA_U
ClientSampleId :
VSTD005142

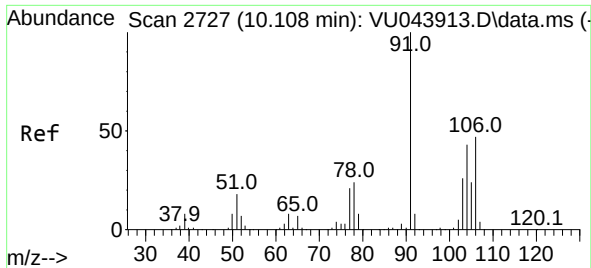
Tgt Ion: 91 Resp: 365384
Ion Ratio Lower Upper
91 100
106 31.8 22.5 41.7



#53
m,p-Xylene
Concen: 5.62 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.000 min
Lab File: VU043935.D
Acq: 25 May 2021 02:00

Tgt Ion: 106 Resp: 145090
Ion Ratio Lower Upper
106 100
91 199.4 137.3 255.1

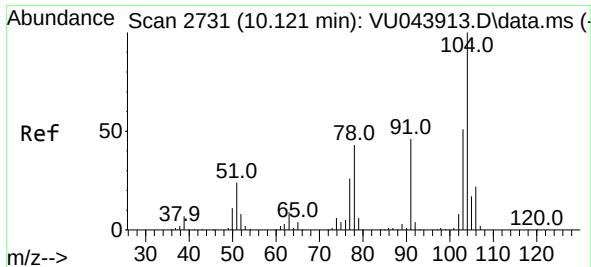
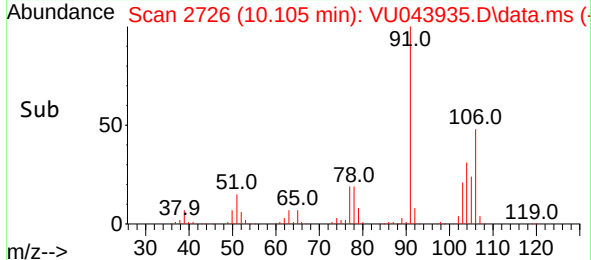
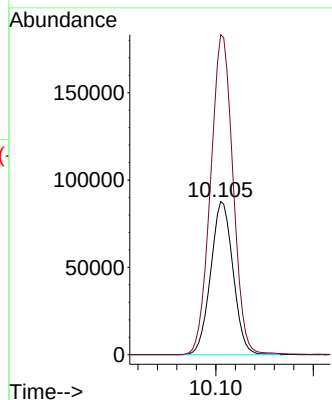
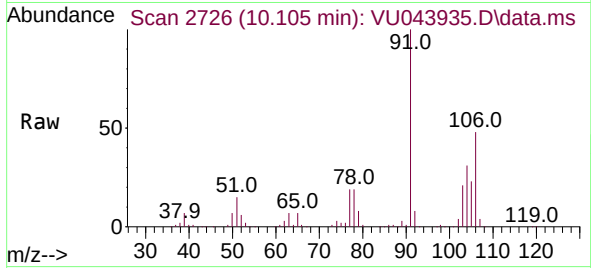




#54
o-Xylene
Concen: 5.69 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. -0.003 min
Lab File: VU043935.D
Acq: 25 May 2021 02:00

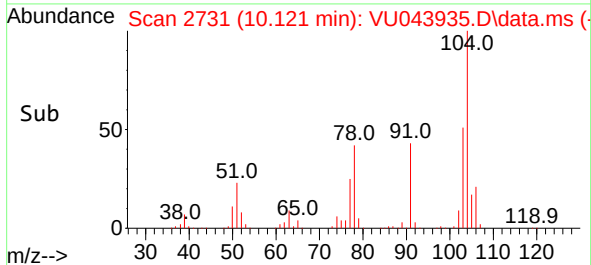
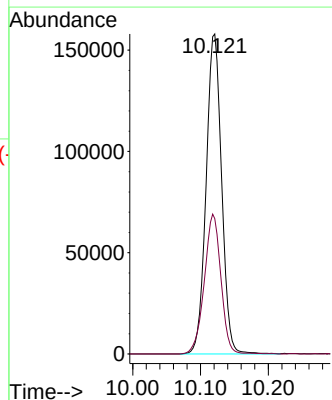
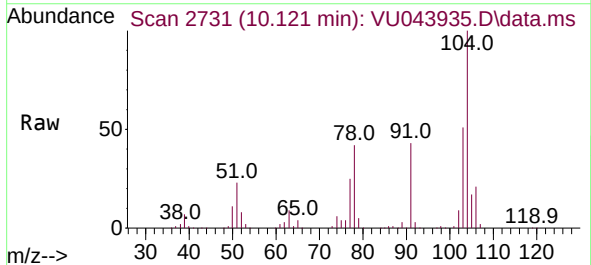
Instrument :
MSVOA_U
ClientSampleId :
VSTD005142

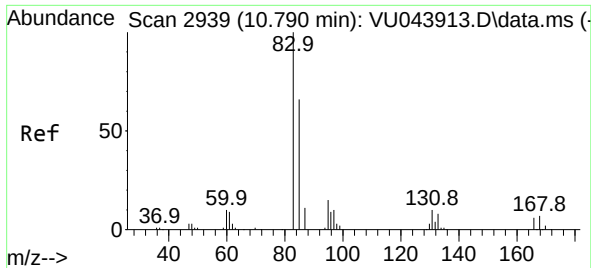
Tgt Ion:106 Resp: 139371
Ion Ratio Lower Upper
106 100
91 209.0 146.9 272.9



#55
Styrene
Concen: 5.95 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. -0.000 min
Lab File: VU043935.D
Acq: 25 May 2021 02:00

Tgt Ion:104 Resp: 251060
Ion Ratio Lower Upper
104 100
78 42.3 30.5 56.7

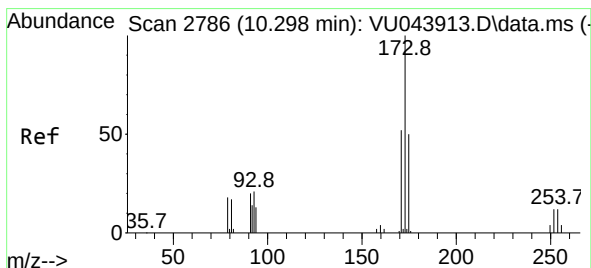
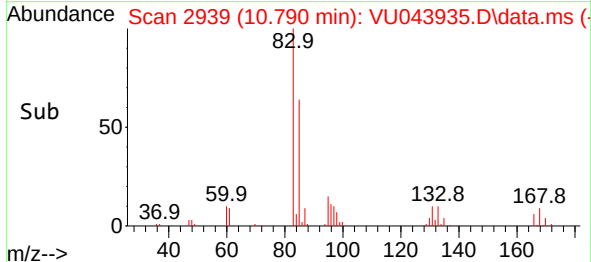
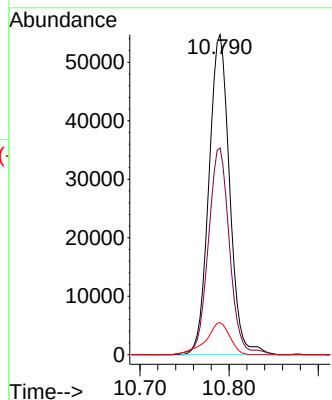
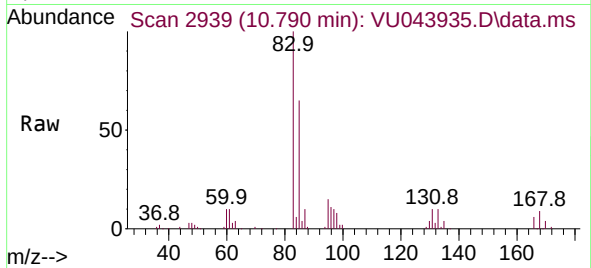




#57
1,1,2,2-Tetrachloroethane
Concen: 5.57 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. -0.000 min
Lab File: VU043935.D
Acq: 25 May 2021 02:00

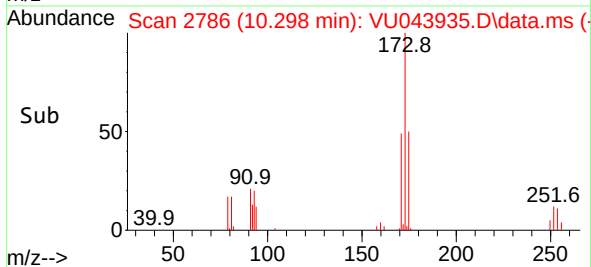
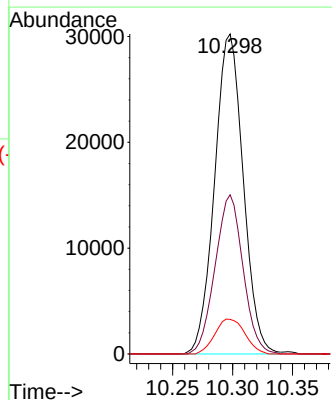
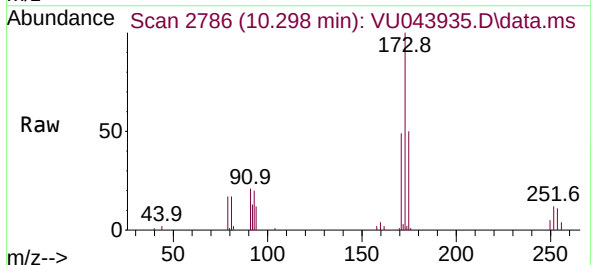
Instrument :
MSVOA_U
ClientSampleId :
VSTD005142

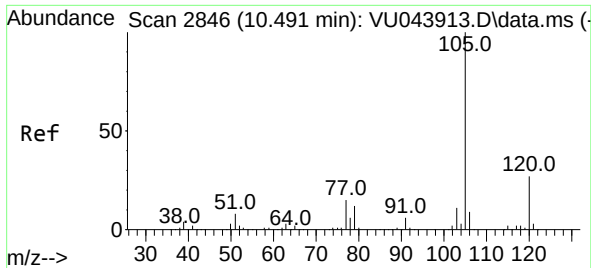
Tgt Ion:	83	Resp:	88064
Ion	Ratio	Lower	Upper
83	100		
85	64.6	45.5	84.5
131	10.0	8.1	12.1



#59
Bromoform
Concen: 5.54 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. -0.000 min
Lab File: VU043935.D
Acq: 25 May 2021 02:00

Tgt Ion:	173	Resp:	50136
Ion	Ratio	Lower	Upper
173	100		
175	48.5	38.8	58.2
254	11.5	9.3	13.9

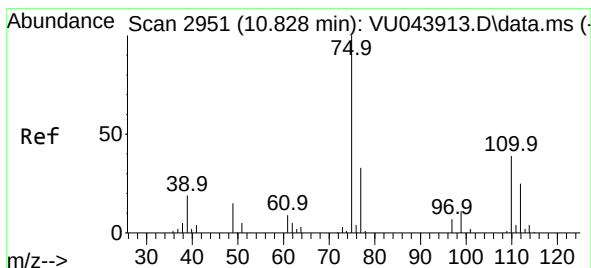
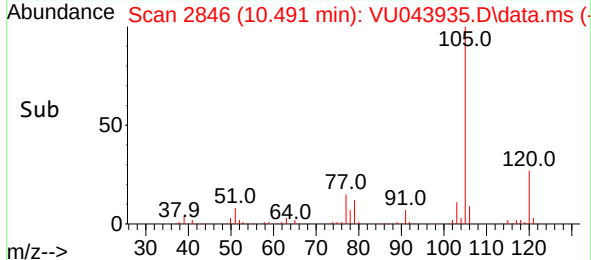
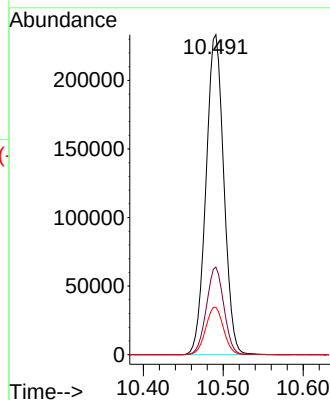
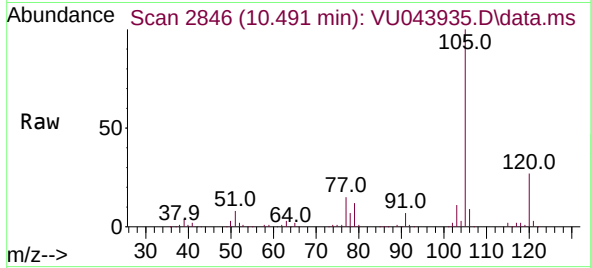




#60
Isopropylbenzene
Concen: 5.78 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. -0.000 min
Lab File: VU043935.D
Acq: 25 May 2021 02:00

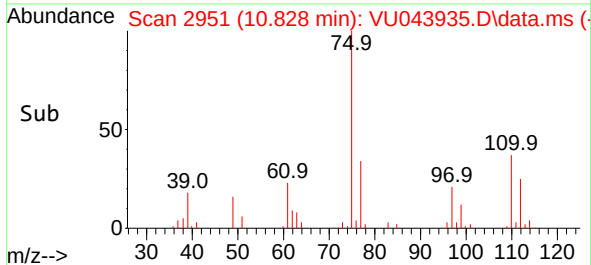
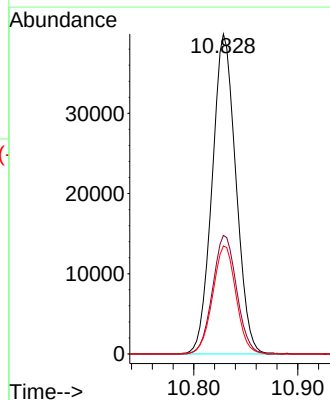
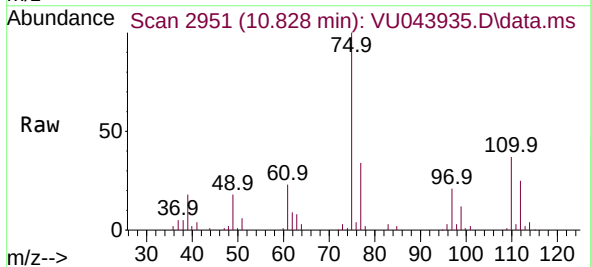
Instrument :
MSVOA_U
ClientSampleId :
VSTD005142

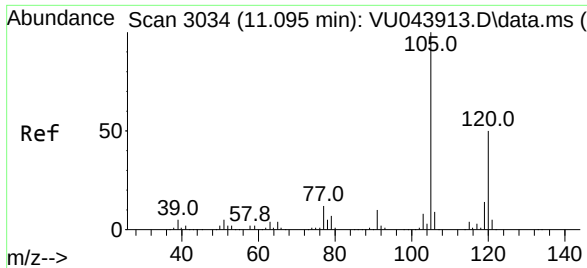
Tgt Ion:105 Resp: 361400
Ion Ratio Lower Upper
105 100
120 26.9 21.6 32.4
77 15.0 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 5.47 ug/L
RT: 10.828 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VU043935.D
Acq: 25 May 2021 02:00

Tgt Ion: 75 Resp: 63323
Ion Ratio Lower Upper
75 100
110 37.5 29.3 43.9
77 33.3 26.3 39.5

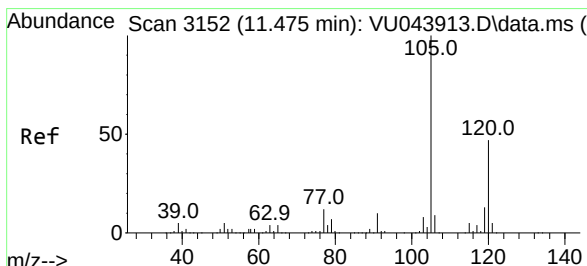
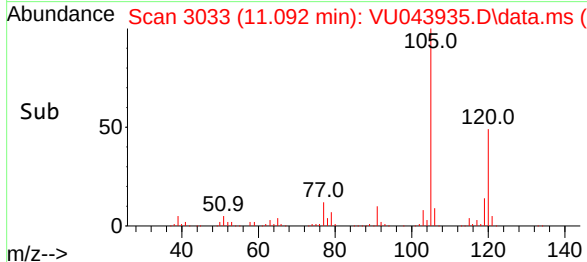
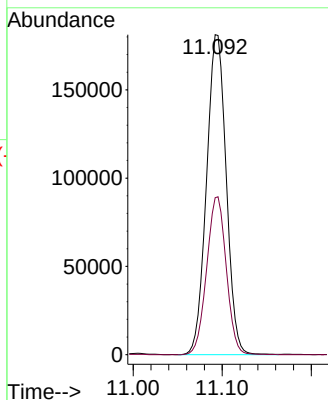
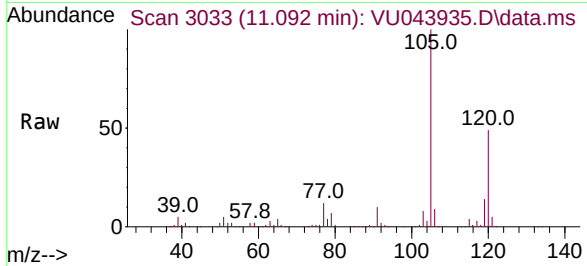




#62
1,3,5-Trimethylbenzene
Concen: 5.62 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. -0.003 min
Lab File: VU043935.D
Acq: 25 May 2021 02:00

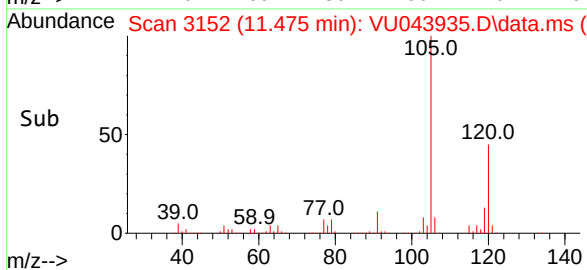
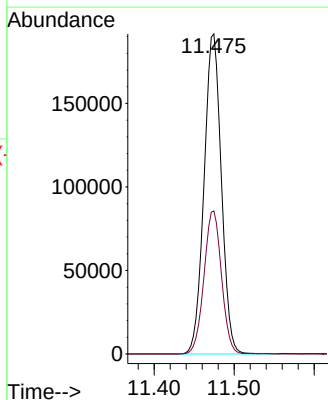
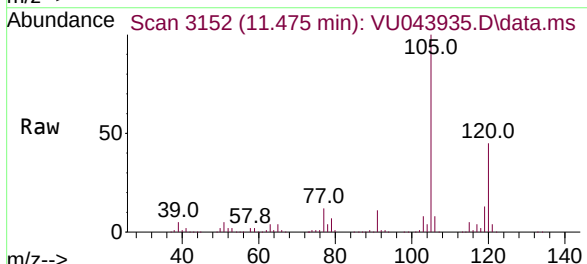
Instrument :
MSVOA_U
ClientSampleId :
VSTD005142

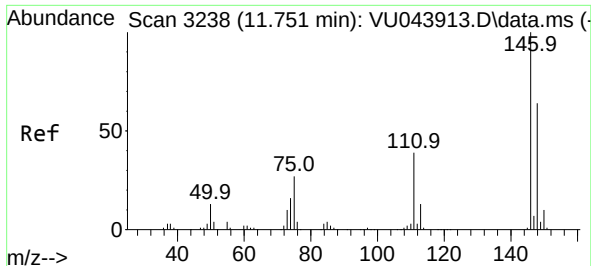
Tgt Ion:105 Resp: 278145
Ion Ratio Lower Upper
105 100
120 49.1 39.4 59.0



#63
1,2,4-Trimethylbenzene
Concen: 5.69 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU043935.D
Acq: 25 May 2021 02:00

Tgt Ion:105 Resp: 288630
Ion Ratio Lower Upper
105 100
120 45.3 36.3 54.5

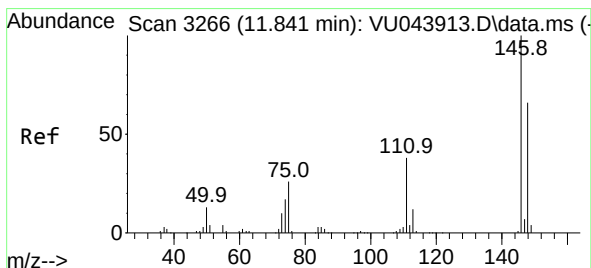
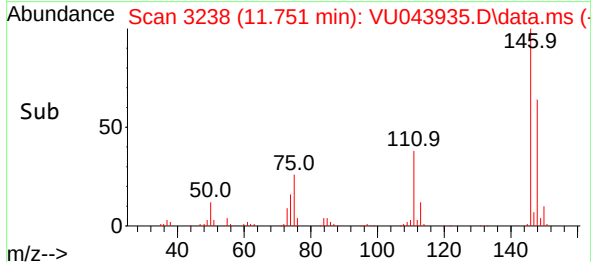
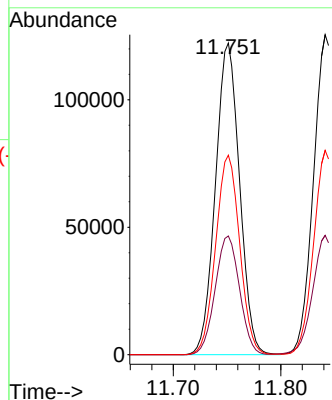
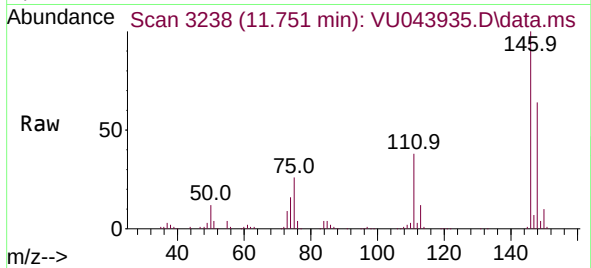




#64
1,3-Dichlorobenzene
Concen: 5.49 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. -0.000 min
Lab File: VU043935.D
Acq: 25 May 2021 02:00

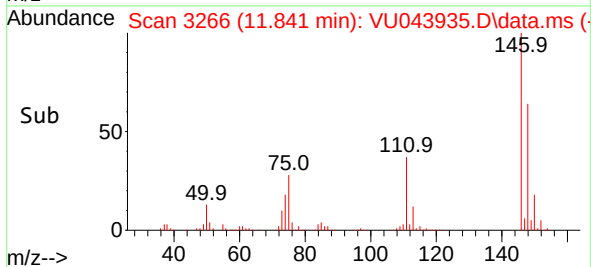
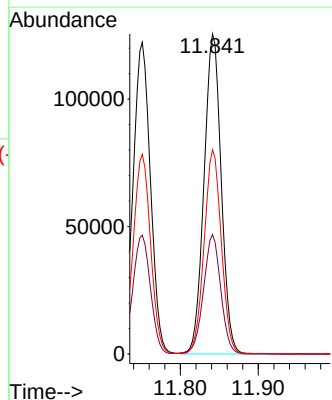
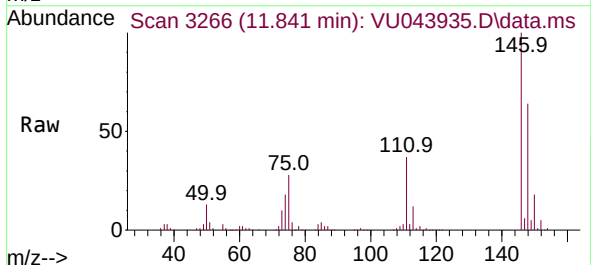
Instrument :
MSVOA_U
ClientSampleId :
VSTD005142

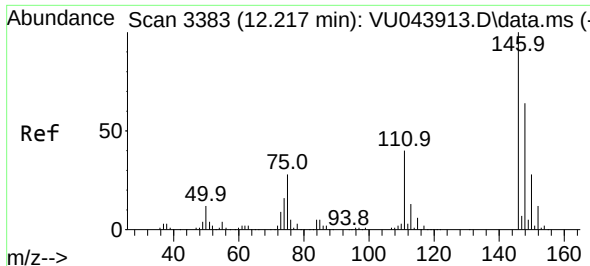
Tgt Ion:146 Resp: 190630
Ion Ratio Lower Upper
146 100
111 38.1 27.4 51.0
148 64.0 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 5.55 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. -0.000 min
Lab File: VU043935.D
Acq: 25 May 2021 02:00

Tgt Ion:146 Resp: 192707
Ion Ratio Lower Upper
146 100
111 37.3 26.2 48.8
148 63.9 44.2 82.0

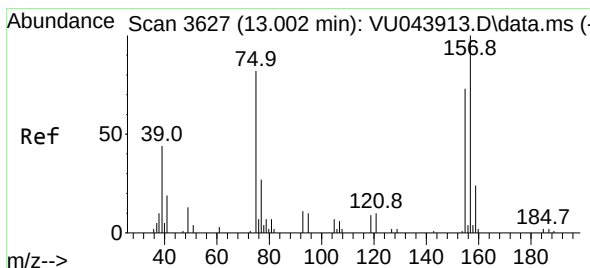
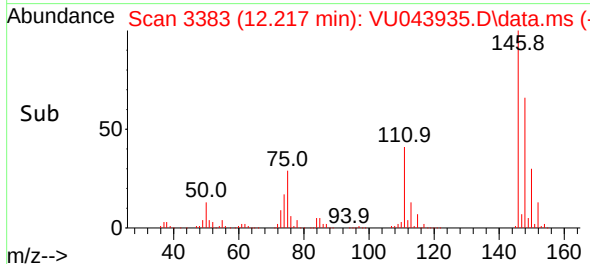
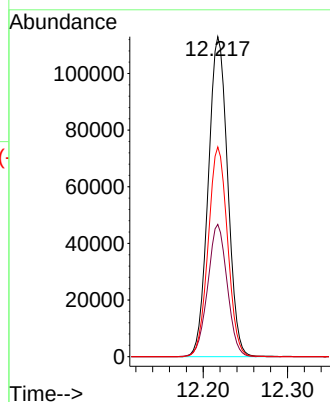
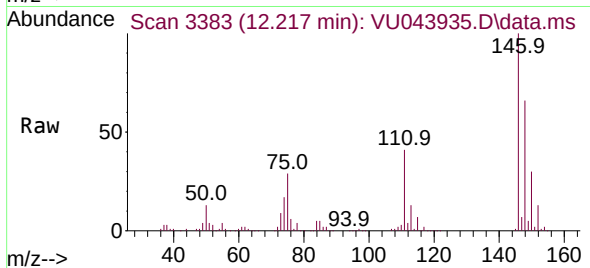




#67
1,2-Dichlorobenzene
Concen: 5.41 ug/L
RT: 12.217 min Scan# 3383
Delta R.T. -0.000 min
Lab File: VU043935.D
Acq: 25 May 2021 02:00

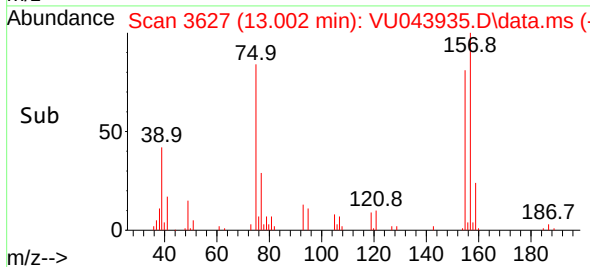
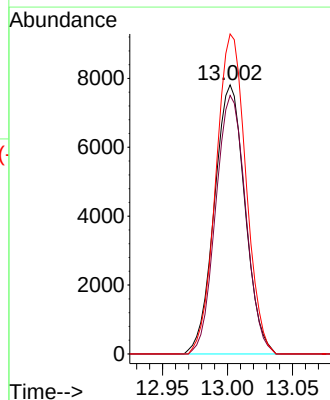
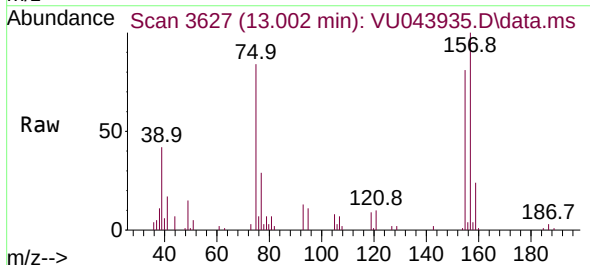
Instrument :
MSVOA_U
ClientSampleId :
VSTD005142

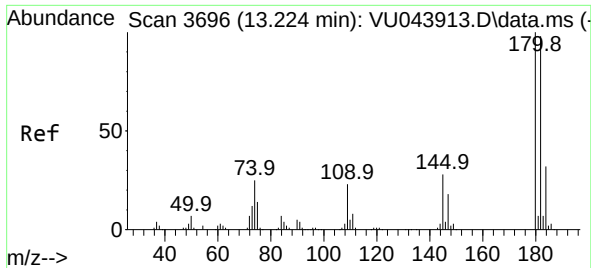
Tgt Ion:146 Resp: 181048
Ion Ratio Lower Upper
146 100
111 41.3 32.4 48.6
148 65.6 50.6 76.0



#68
1,2-Dibromo-3-chloropropane
Concen: 5.80 ug/L
RT: 13.002 min Scan# 3627
Delta R.T. -0.000 min
Lab File: VU043935.D
Acq: 25 May 2021 02:00

Tgt Ion: 75 Resp: 12809
Ion Ratio Lower Upper
75 100
155 96.1 74.9 112.3
157 118.9 92.2 138.4

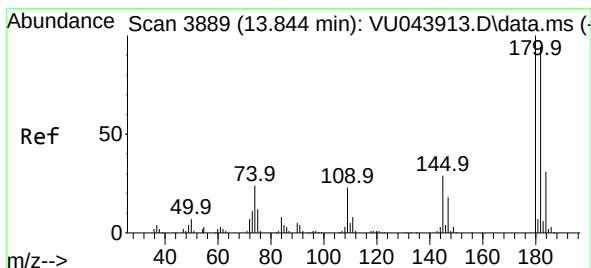
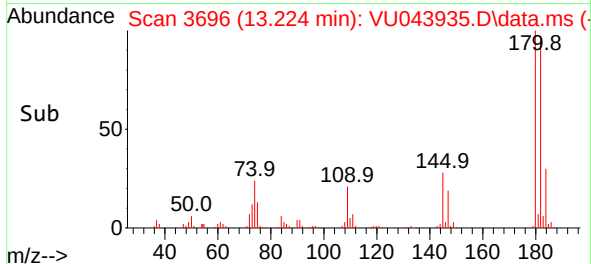
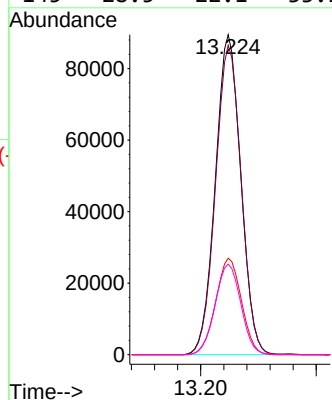
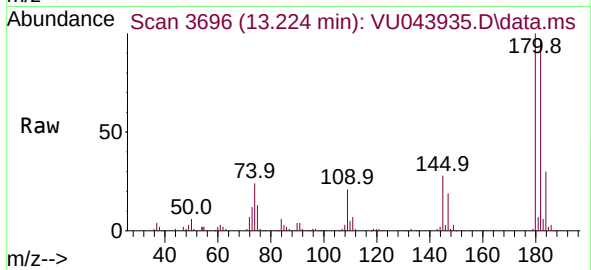




#69
 1,3,5-Trichlorobenzene
 Concen: 4.99 ug/L
 RT: 13.224 min Scan# 3696
 Delta R.T. -0.000 min
 Lab File: VU043935.D
 Acq: 25 May 2021 02:00

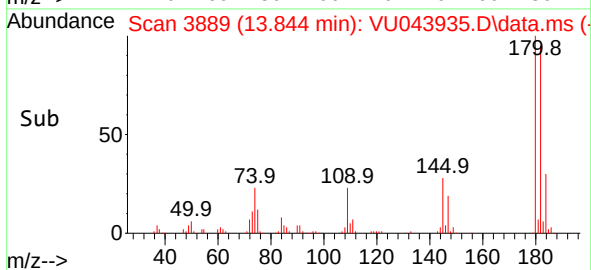
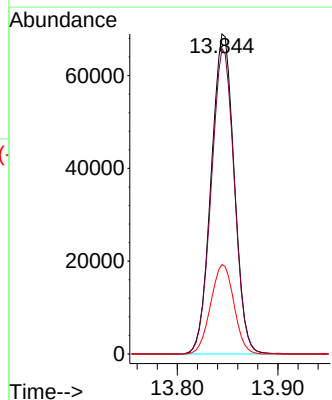
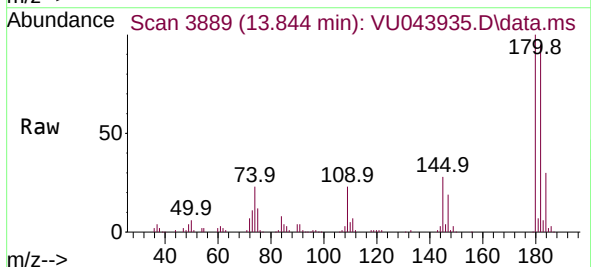
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005142

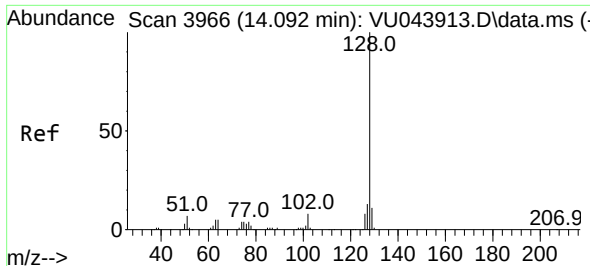
Tgt Ion:	180	Resp:	136701
Ion Ratio	Lower	Upper	
180	100		
182	97.7	76.6	115.0
184	30.5	24.4	36.6
145	28.5	22.1	33.1



#70
 1,2,4-trichlorobenzene
 Concen: 5.09 ug/L
 RT: 13.844 min Scan# 3889
 Delta R.T. -0.000 min
 Lab File: VU043935.D
 Acq: 25 May 2021 02:00

Tgt Ion:	180	Resp:	109507
Ion Ratio	Lower	Upper	
180	100		
182	95.4	76.4	114.6
145	28.2	23.2	34.8

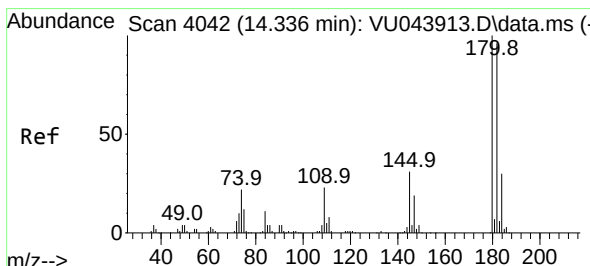
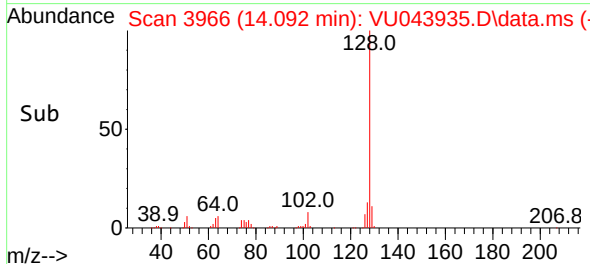
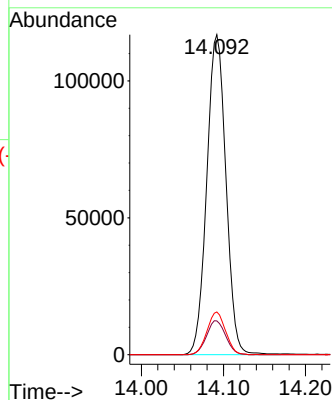
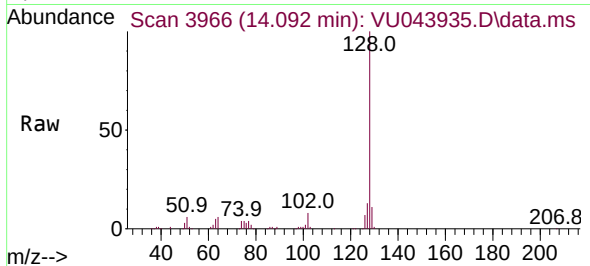




#71
Naphthalene
Concen: 5.51 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. -0.000 min
Lab File: VU043935.D
Acq: 25 May 2021 02:00

Instrument :
MSVOA_U
ClientSampleId :
VSTD005142

Tgt Ion:	128	Resp:	189960
Ion Ratio	Lower	Upper	
128	100		
129	10.6	8.9	13.3
127	13.0	10.7	16.1



#72
1,2,3-Trichlorobenzene
Concen: 5.50 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. -0.000 min
Lab File: VU043935.D
Acq: 25 May 2021 02:00

Tgt Ion:	180	Resp:	113087
Ion Ratio	Lower	Upper	
180	100		
182	95.9	75.0	112.4
145	29.6	24.1	36.1

