

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052021\
 Data File : VU043851.D
 Acq On : 20 May 2021 01:28
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005149

Quant Time: May 20 03:58:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu May 20 03:54:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	221825	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	223633	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	123001	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	66639	4.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.60%
7) Chloroethane-d5	1.916	69	48207	4.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.40%
11) 1,1-Dichloroethene-d2	2.571	65	30484	4.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.80%
20) 2-Butanone-d5	4.642	46	139404	44.82	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.64%
24) Chloroform-d	5.073	84	130786	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.713	65	64687	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.735	84	274450	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.700	67	85142	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.906	98	253318	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
43) trans-1,3-Dichloroprop...	8.185	79	29680	4.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.40%
46) 2-Hexanone-d5	8.642	63	138534	45.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.56%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	69803	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.00%
66) 1,2-Dichlorobenzene-d4	12.201	152	94674	4.62	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.40%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	83049	5.14	ug/L	99
3) Chloromethane	1.520	50	91958	4.85	ug/L	98
5) Vinyl chloride	1.607	62	97739	5.19	ug/L	99
6) Bromomethane	1.861	94	51146	4.61	ug/L	100
8) Chloroethane	1.938	64	50179	4.74	ug/L	99
9) Trichlorofluoromethane	2.141	101	111712	5.11	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	79201	5.32	ug/L	99
12) 1,1-Dichloroethene	2.584	96	79823	5.45	ug/L	96
13) Acetone	2.652	43	90304	45.74	ug/L	98
14) Carbon disulfide	2.800	76	251414	5.13	ug/L	100
15) Methyl Acetate	2.964	43	27593	4.70	ug/L	98
16) Methylene chloride	3.054	84	96807	4.46	ug/L	97
17) Methyl tert-butyl Ether	3.375	73	163278	4.93	ug/L	97
18) trans-1,2-Dichloroethene	3.359	96	82232	5.35	ug/L	96
19) 1,1-Dichloroethane	3.880	63	150118	5.40	ug/L	100
21) 2-Butanone	4.722	43	166728	44.16	ug/L	98
22) cis-1,2-Dichloroethene	4.677	96	85916	5.32	ug/L	96
23) Bromochloromethane	4.983	128	43193	5.67	ug/L	88
25) Chloroform	5.099	83	158458	5.76	ug/L	99

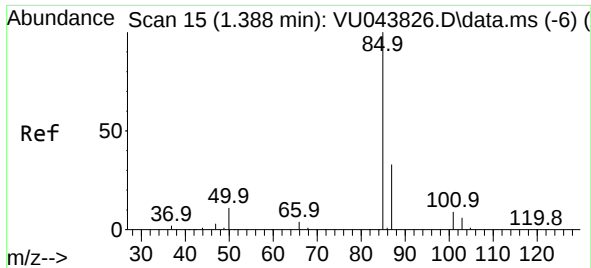
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052021\
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	88736	5.23	ug/L	99
29) 1,1,1-Trichloroethane	5.324	97	124277	5.33	ug/L	98
30) Cyclohexane	5.398	56	118747	4.59	ug/L	96
31) Carbon tetrachloride	5.533	117	104556	5.37	ug/L	99
33) Benzene	5.784	78	342509	5.29	ug/L	100
34) Trichloroethene	6.549	95	85467	5.15	ug/L	97
35) Methylcyclohexane	6.771	83	120811	4.68	ug/L	99
37) 1,2-Dichloropropane	6.800	63	87351	5.16	ug/L	100
38) Bromodichloromethane	7.115	83	105170	5.33	ug/L	98
39) cis-1,3-Dichloropropene	7.616	75	106205	4.72	ug/L	97
40) 4-Methyl-2-pentanone	7.803	43	489041	45.32	ug/L	96
42) Toluene	7.976	91	369015	5.43	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	92406	4.76	ug/L	97
45) 1,1,2-Trichloroethane	8.407	97	64005	5.26	ug/L	98
47) Tetrachloroethene	8.558	164	71350	5.32	ug/L	99
48) 2-Hexanone	8.693	43	371128	46.36	ug/L	98
49) Dibromochloromethane	8.819	129	73628	5.43	ug/L	100
50) 1,2-Dibromoethane	8.931	107	58932	5.15	ug/L	99
51) Chlorobenzene	9.452	112	224898	5.30	ug/L	99
52) Ethylbenzene	9.578	91	352645	5.07	ug/L	99
53) m,p-Xylene	9.700	106	140817	5.32	ug/L	98
54) o-Xylene	10.108	106	133946	5.31	ug/L	99
55) Styrene	10.121	104	235872	5.54	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.790	83	78077	5.06	ug/L	99
59) Bromoform	10.298	173	42052	5.08	ug/L	99
60) Isopropylbenzene	10.491	105	346189	5.13	ug/L	100
61) 1,2,3-Trichloropropane	10.832	75	55075	4.69	ug/L	97
62) 1,3,5-Trimethylbenzene	11.095	105	269451	4.96	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	279180	5.01	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	182535	5.25	ug/L	100
65) 1,4-Dichlorobenzene	11.844	146	181854	5.20	ug/L	98
67) 1,2-Dichlorobenzene	12.221	146	173574	5.19	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.002	75	10317	4.28	ug/L	96
69) 1,3,5-Trichlorobenzene	13.227	180	135509	4.88	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	107882	4.72	ug/L	99
71) Naphthalene	14.095	128	166004	4.12	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	104430	4.82	ug/L	99

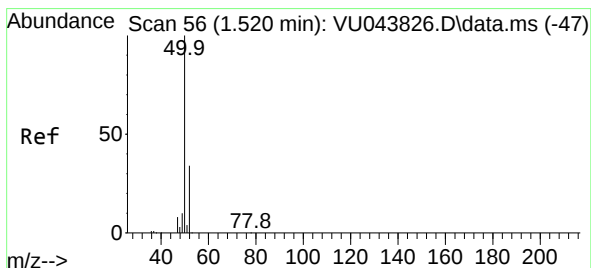
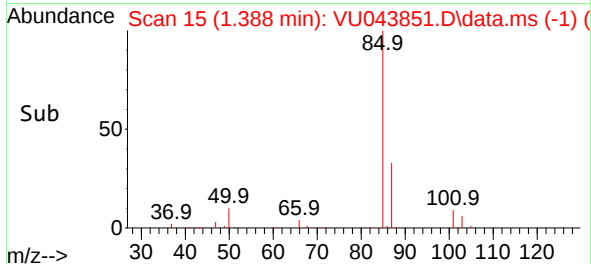
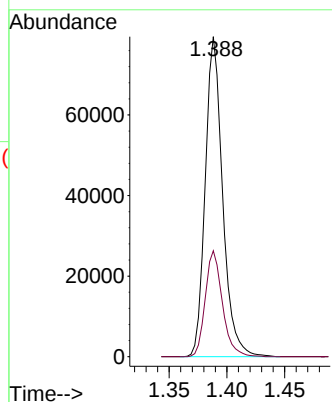
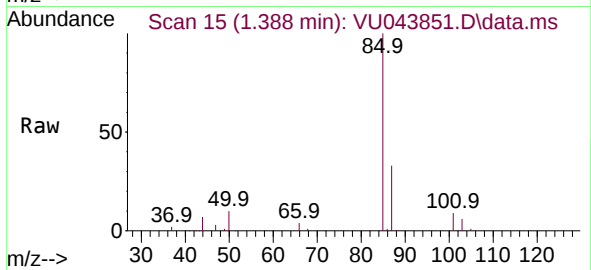
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 5.14 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU043851.D
Acq: 20 May 2021 01:28

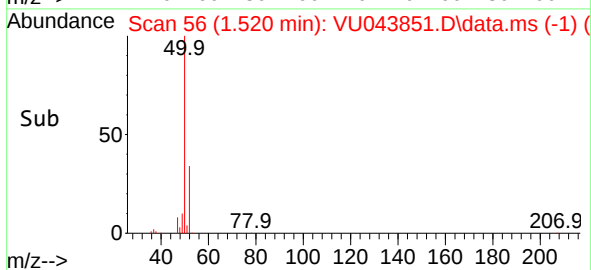
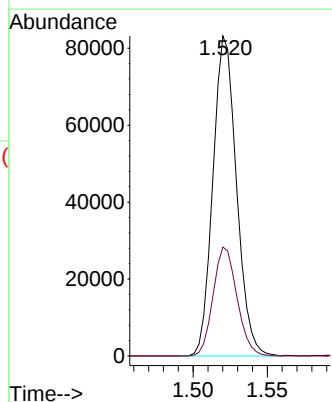
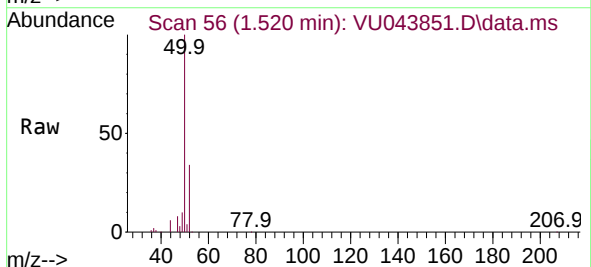
Instrument :
MSVOA_U
ClientSampleId :
VSTD005149

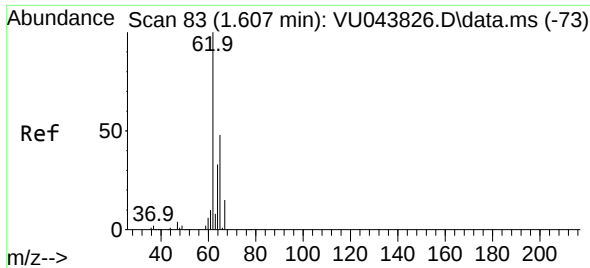
Tgt Ion: 85 Resp: 83049
Ion Ratio Lower Upper
85 100
87 32.6 25.5 38.3



#3
Chloromethane
Concen: 4.85 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU043851.D
Acq: 20 May 2021 01:28

Tgt Ion: 50 Resp: 91958
Ion Ratio Lower Upper
50 100
52 34.1 23.2 43.2

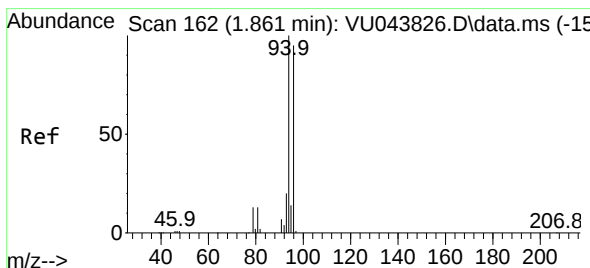
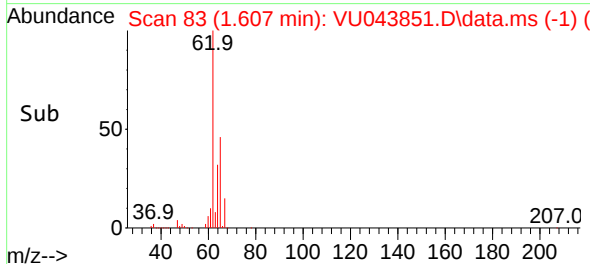
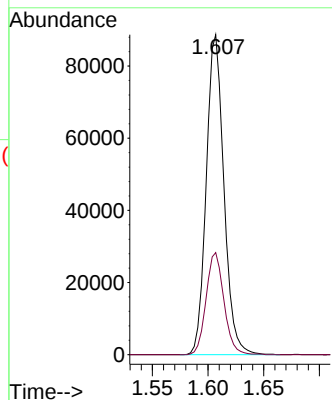
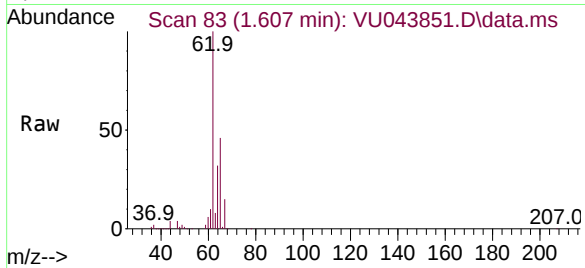




#5
 Vinyl chloride
 Concen: 5.19 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU043851.D
 Acq: 20 May 2021 01:28

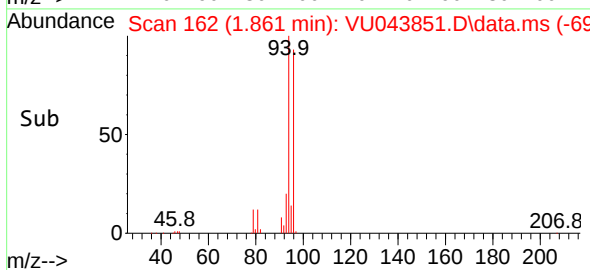
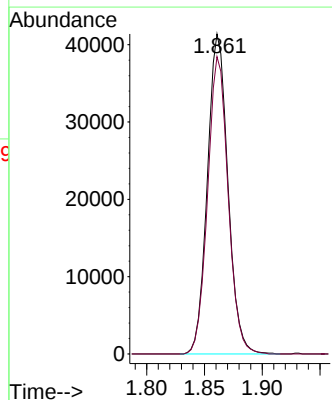
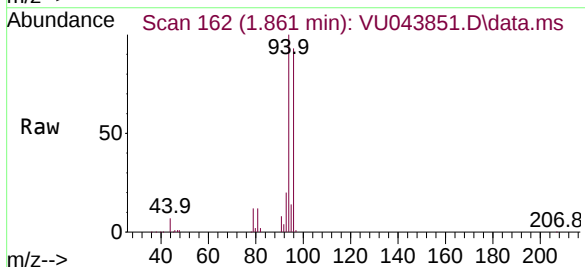
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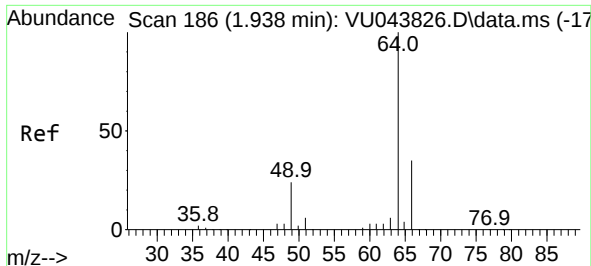
Tgt Ion: 62 Resp: 97739
 Ion Ratio Lower Upper
 62 100
 64 31.9 22.1 41.1



#6
 Bromomethane
 Concen: 4.61 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.000 min
 Lab File: VU043851.D
 Acq: 20 May 2021 01:28

Tgt Ion: 94 Resp: 51146
 Ion Ratio Lower Upper
 94 100
 96 92.9 65.0 120.8

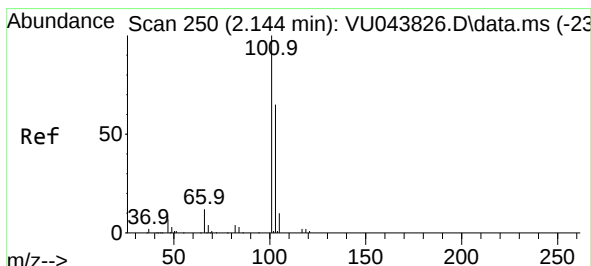
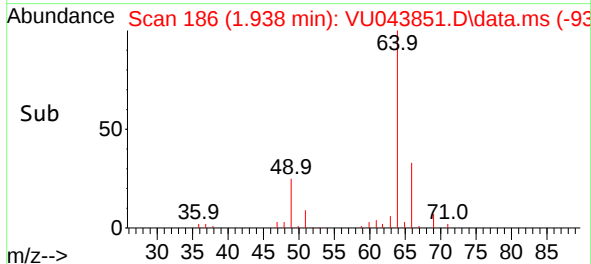
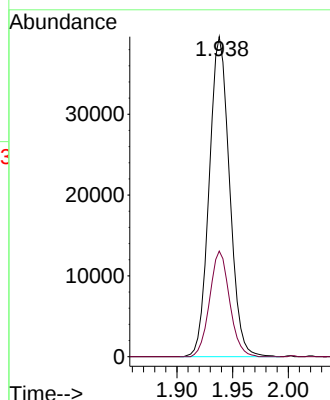
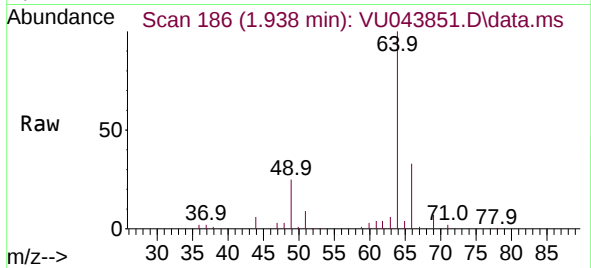




#8
Chloroethane
Concen: 4.74 ug/L
RT: 1.938 min Scan# 186
Delta R.T. -0.000 min
Lab File: VU043851.D
Acq: 20 May 2021 01:28

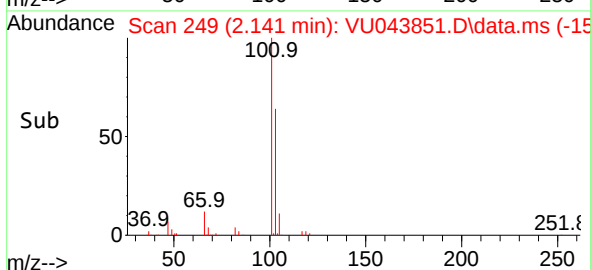
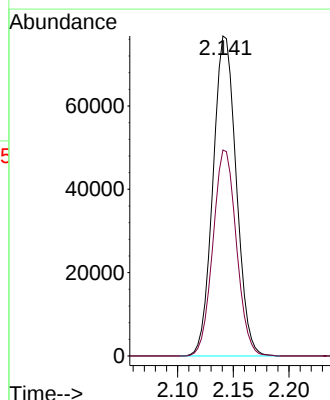
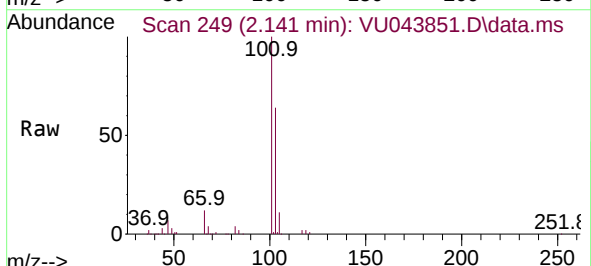
Instrument :
MSVOA_U
ClientSampleId :
VSTD005149

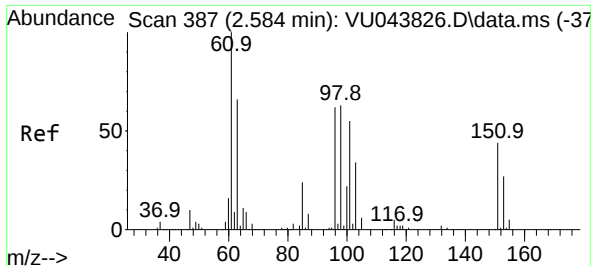
Tgt Ion: 64 Resp: 50179
Ion Ratio Lower Upper
64 100
66 33.0 23.4 43.6



#9
Trichlorofluoromethane
Concen: 5.11 ug/L
RT: 2.141 min Scan# 249
Delta R.T. -0.003 min
Lab File: VU043851.D
Acq: 20 May 2021 01:28

Tgt Ion: 101 Resp: 111712
Ion Ratio Lower Upper
101 100
103 64.8 52.1 78.1

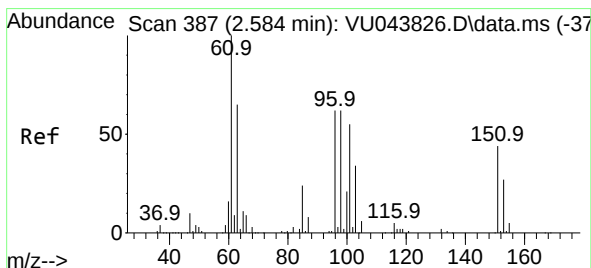
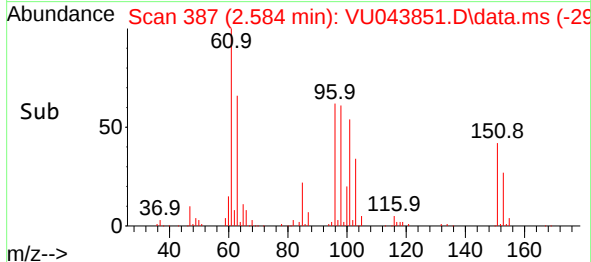
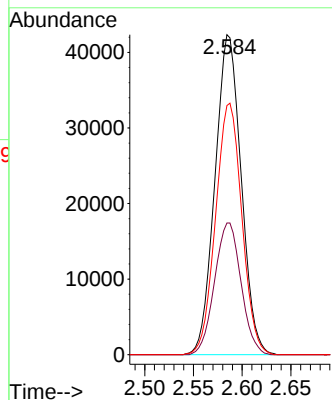
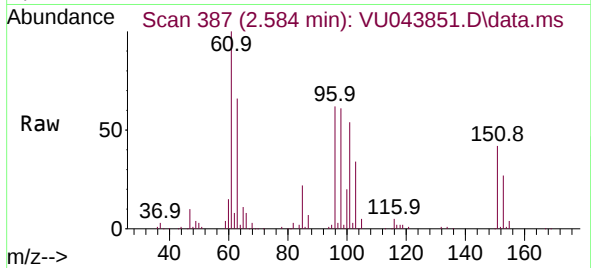




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.32 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.000 min
 Lab File: VU043851.D
 Acq: 20 May 2021 01:28

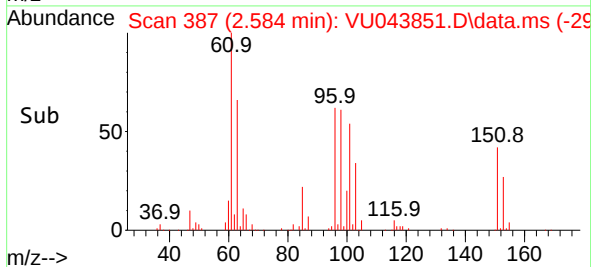
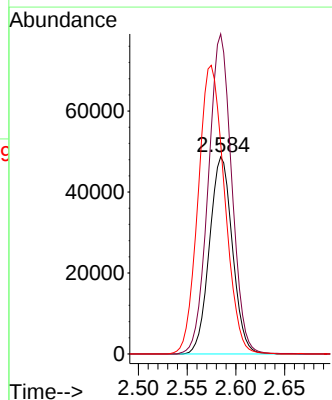
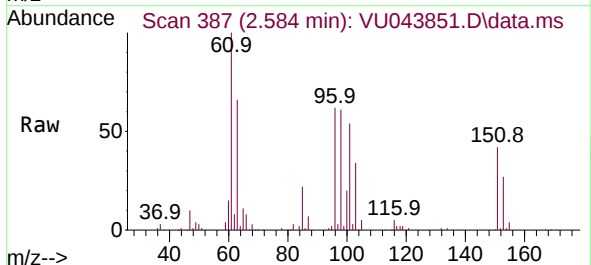
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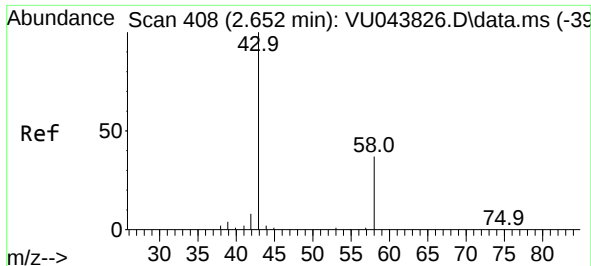
Tgt Ion:101 Resp: 79201
 Ion Ratio Lower Upper
 101 100
 85 41.5 34.3 51.5
 151 78.8 62.7 94.1



#12
 1,1-Dichloroethene
 Concen: 5.45 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.000 min
 Lab File: VU043851.D
 Acq: 20 May 2021 01:28

Tgt Ion: 96 Resp: 79823
 Ion Ratio Lower Upper
 96 100
 61 162.4 117.5 218.1
 63 106.9 77.3 143.7

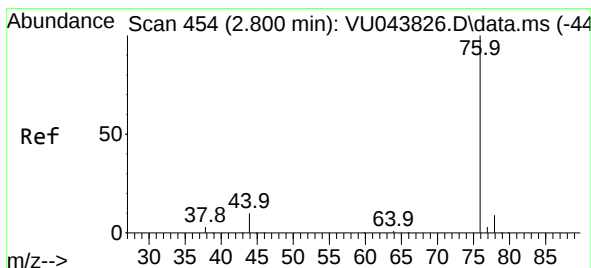
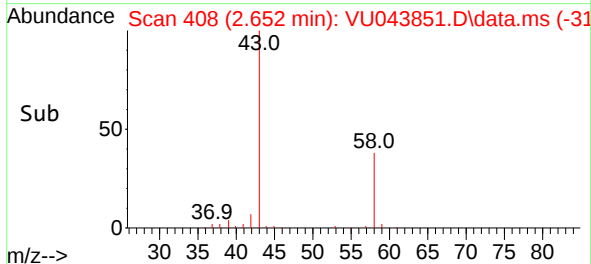
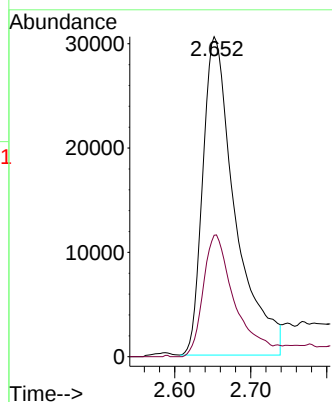
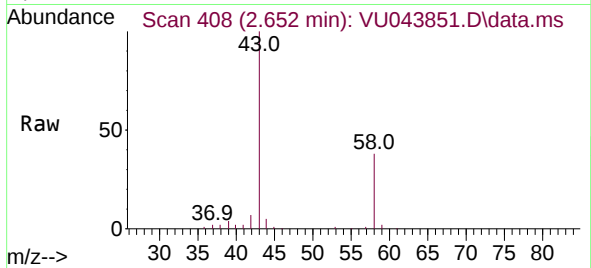




#13
Acetone
Concen: 45.74 ug/L
RT: 2.652 min Scan# 408
Delta R.T. -0.000 min
Lab File: VU043851.D
Acq: 20 May 2021 01:28

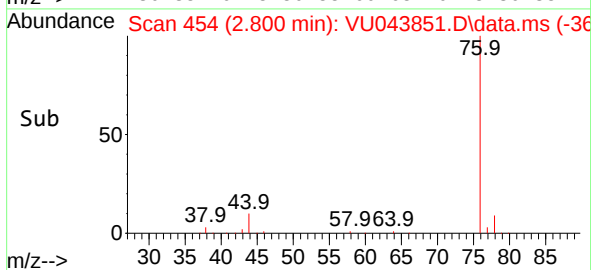
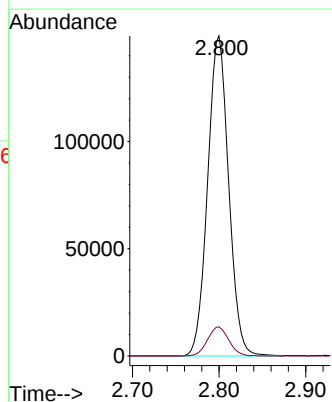
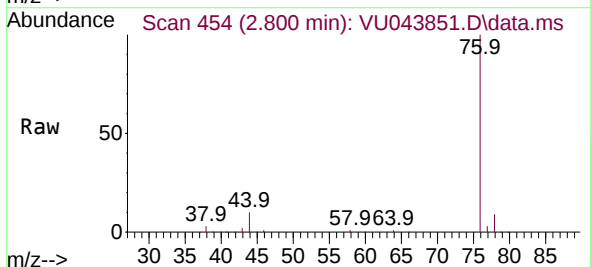
Instrument :
MSVOA_U
ClientSampleId :
VSTD005149

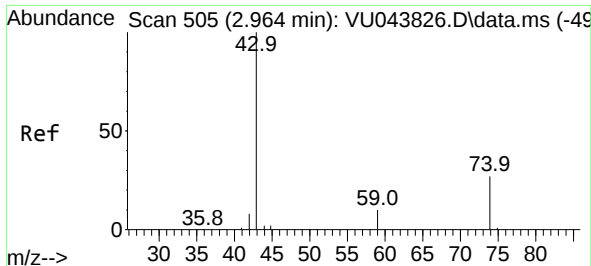
Tgt Ion: 43 Resp: 90304
Ion Ratio Lower Upper
43 100
58 37.1 0.0 71.6



#14
Carbon disulfide
Concen: 5.13 ug/L
RT: 2.800 min Scan# 454
Delta R.T. -0.000 min
Lab File: VU043851.D
Acq: 20 May 2021 01:28

Tgt Ion: 76 Resp: 251414
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

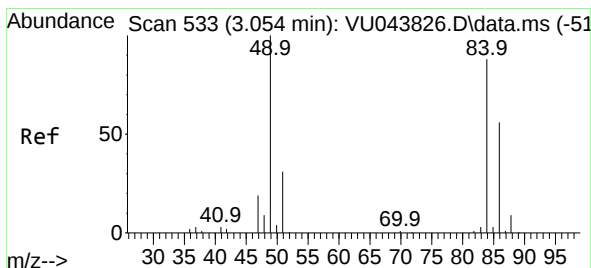
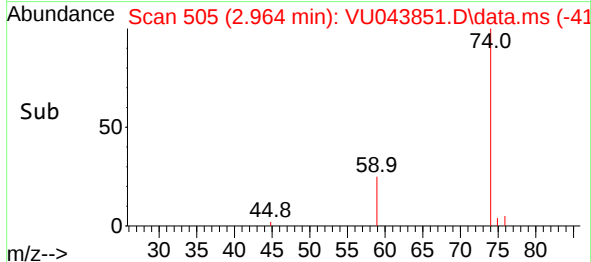
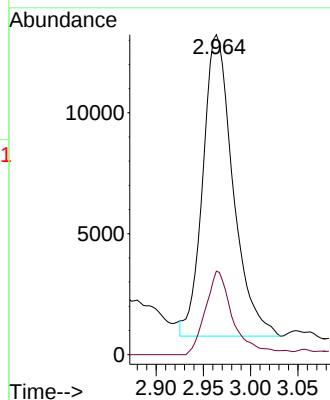
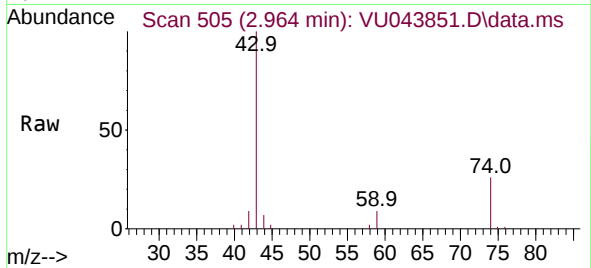




#15
Methyl Acetate
Concen: 4.70 ug/L
RT: 2.964 min Scan# 505
Delta R.T. -0.000 min
Lab File: VU043851.D
Acq: 20 May 2021 01:28

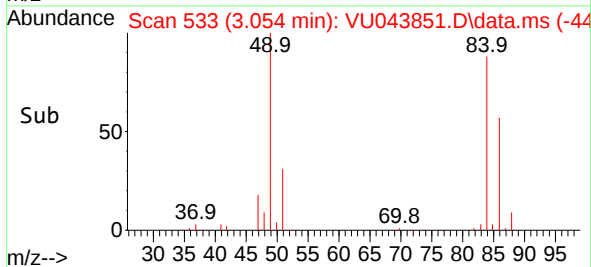
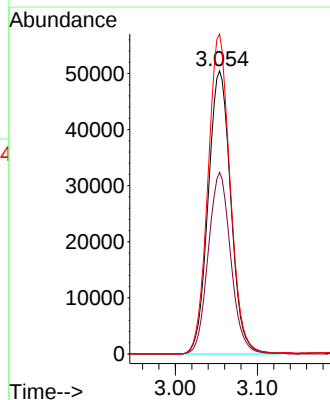
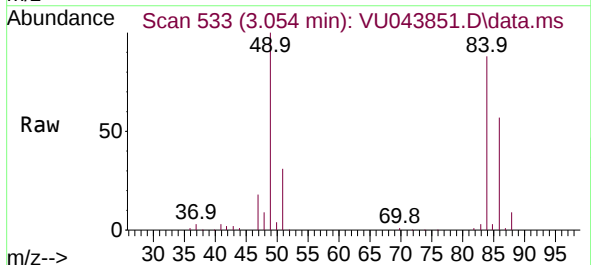
Instrument :
MSVOA_U
ClientSampleId :
VSTD005149

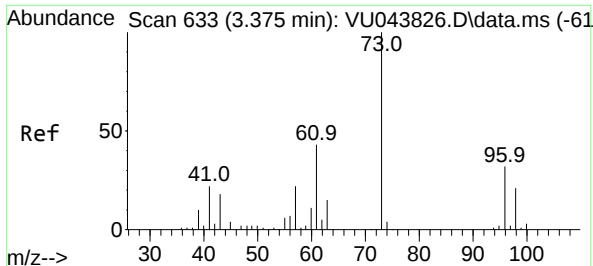
Tgt Ion: 43 Resp: 27593
Ion Ratio Lower Upper
43 100
74 25.2 19.3 28.9



#16
Methylene chloride
Concen: 4.46 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU043851.D
Acq: 20 May 2021 01:28

Tgt Ion: 84 Resp: 96807
Ion Ratio Lower Upper
84 100
86 64.2 44.7 82.9
49 113.1 83.1 154.3



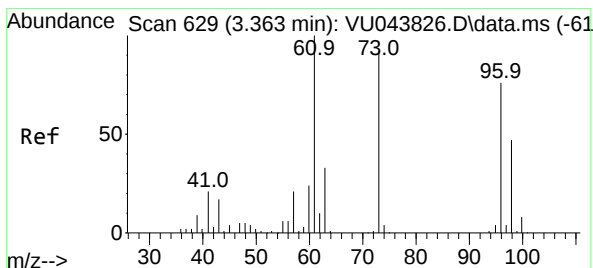
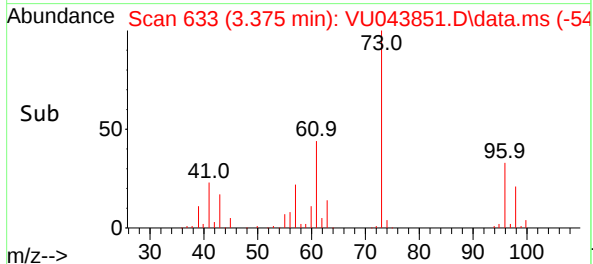
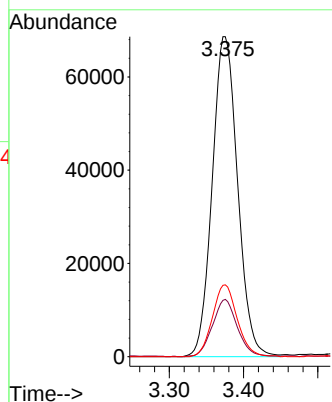
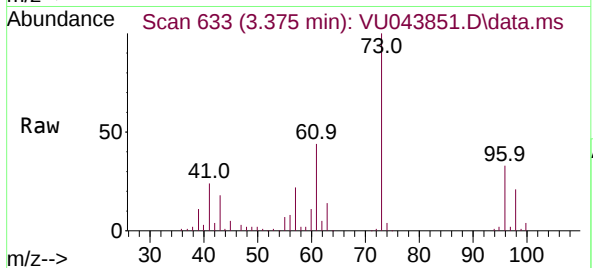


#17

Methyl tert-butyl Ether
Concen: 4.93 ug/L
RT: 3.375 min Scan# 633
Delta R.T. -0.000 min
Lab File: VU043851.D
Acq: 20 May 2021 01:28

Instrument :
MSVOA_U
ClientSampleId :
VSTD005149

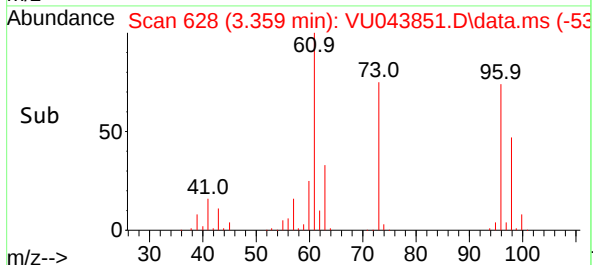
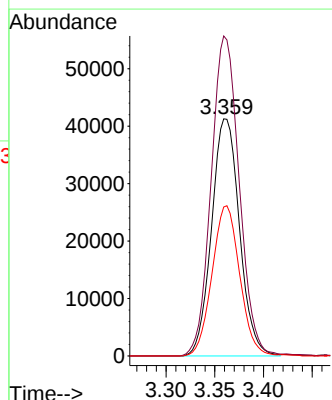
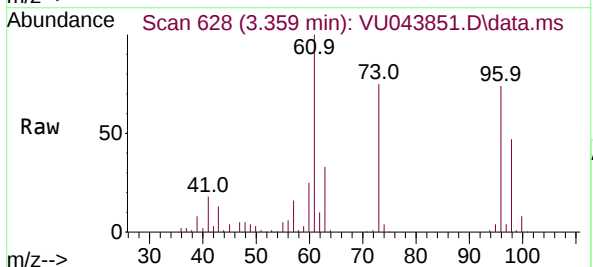
Tgt Ion: 73	Resp: 163278
Ion Ratio	Lower Upper
73 100	
43 17.6	15.0 22.4
57 21.9	18.6 27.8

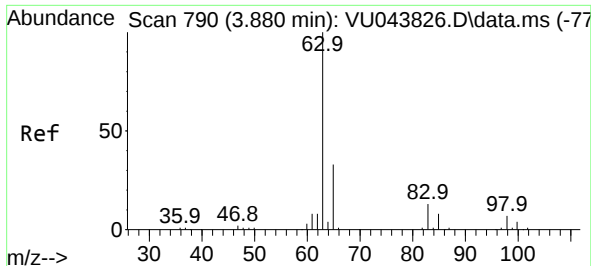


#18

trans-1,2-Dichloroethene
Concen: 5.35 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.003 min
Lab File: VU043851.D
Acq: 20 May 2021 01:28

Tgt Ion: 96	Resp: 82232
Ion Ratio	Lower Upper
96 100	
61 134.9	99.6 185.0
98 62.8	43.8 81.4





#19

1,1-Dichloroethane

Concen: 5.40 ug/L

RT: 3.880 min Scan# 790

Delta R.T. -0.000 min

Lab File: VU043851.D

Acq: 20 May 2021 01:28

Tgt Ion: 63 Resp: 150118

Ion Ratio Lower Upper

63 100

65 31.7 22.3 41.3

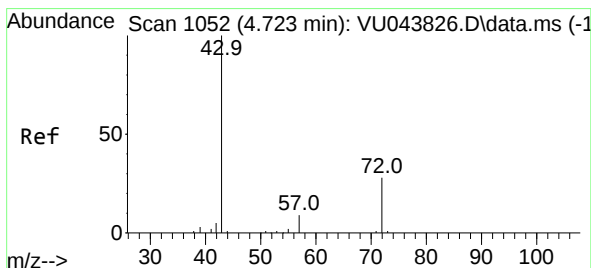
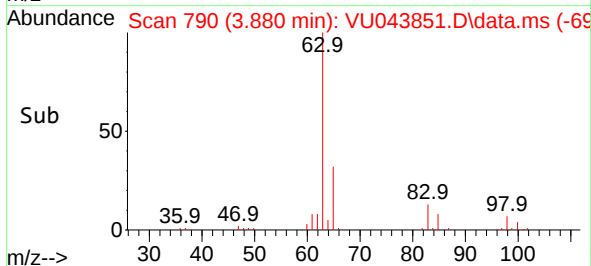
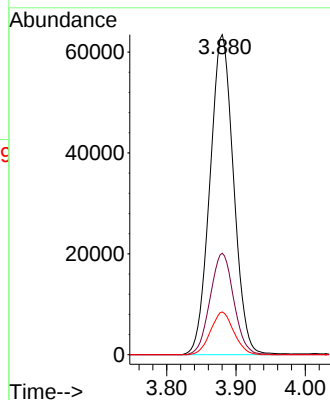
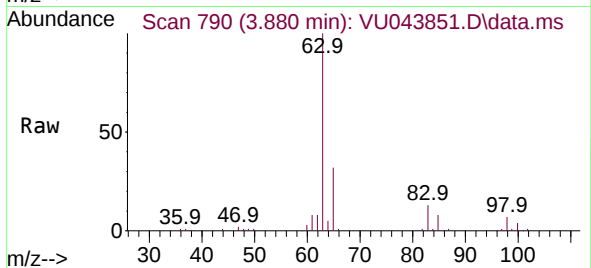
83 13.3 9.0 16.8

Instrument :

MSVOA_U

ClientSampleId :

VSTD005149



#21

2-Butanone

Concen: 44.16 ug/L

RT: 4.722 min Scan# 1052

Delta R.T. -0.000 min

Lab File: VU043851.D

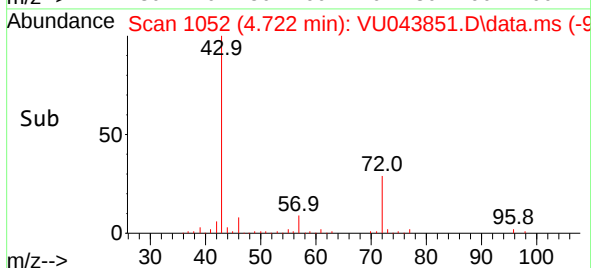
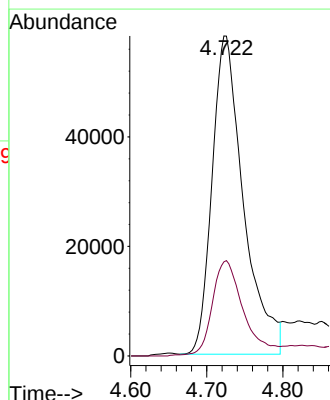
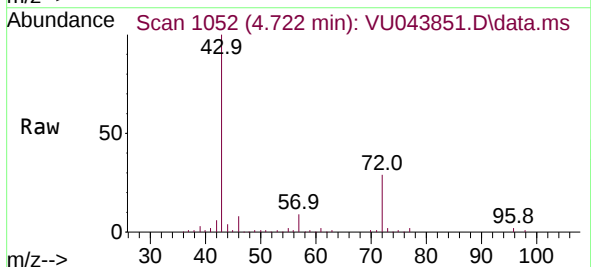
Acq: 20 May 2021 01:28

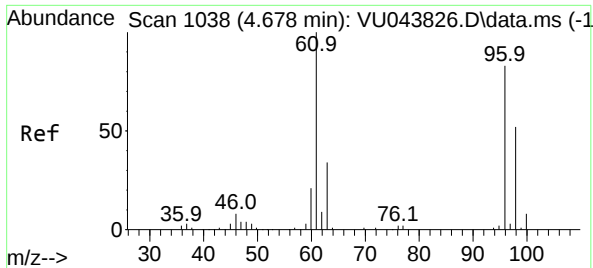
Tgt Ion: 43 Resp: 166728

Ion Ratio Lower Upper

43 100

72 29.9 14.5 43.6

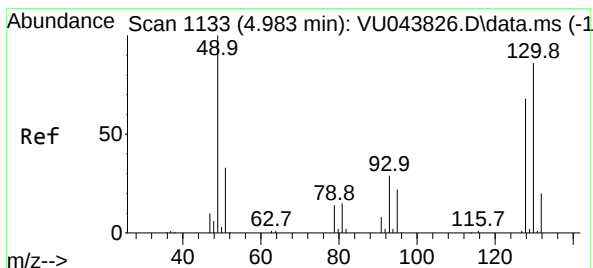
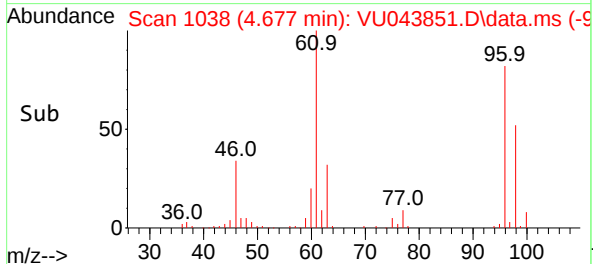
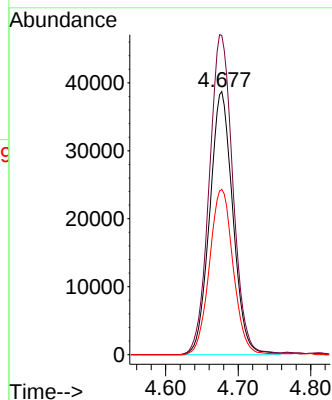
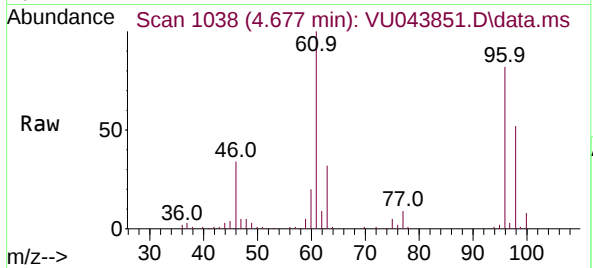




#22
 cis-1,2-Dichloroethene
 Concen: 5.32 ug/L
 RT: 4.677 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VU043851.D
 Acq: 20 May 2021 01:28

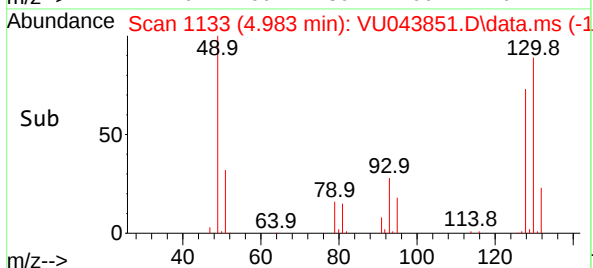
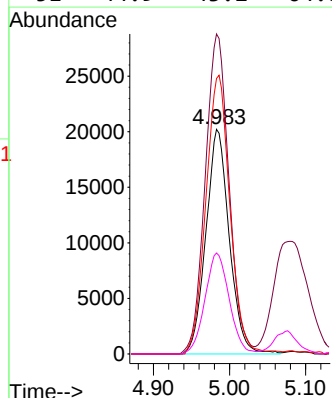
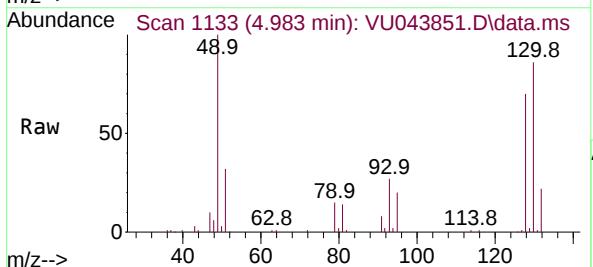
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005149

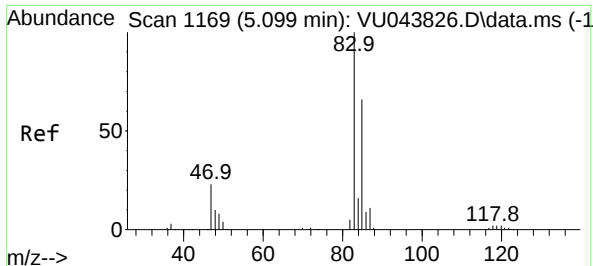
Tgt Ion: 96	Resp:	85916
Ion Ratio	Lower	Upper
96	100	
61	121.3	89.0 165.4
98	62.8	44.9 83.3



#23
 Bromochloromethane
 Concen: 5.67 ug/L
 RT: 4.983 min Scan# 1133
 Delta R.T. -0.000 min
 Lab File: VU043851.D
 Acq: 20 May 2021 01:28

Tgt Ion: 128	Resp:	43193
Ion Ratio	Lower	Upper
128	100	
49	142.4	114.7 212.9
130	122.6	91.7 170.3
51	44.9	43.2 64.8



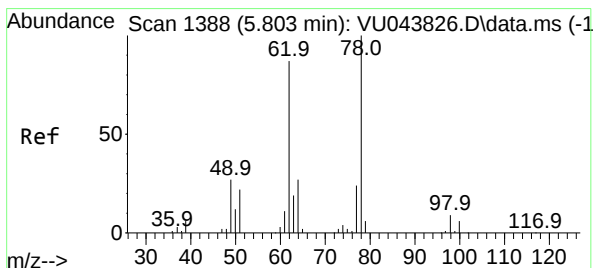
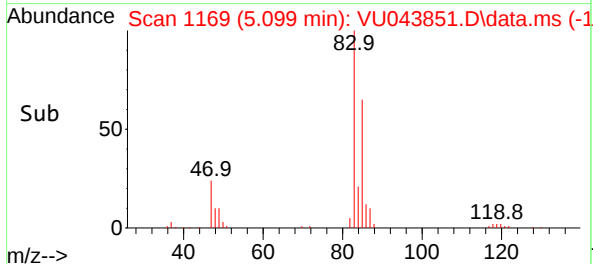
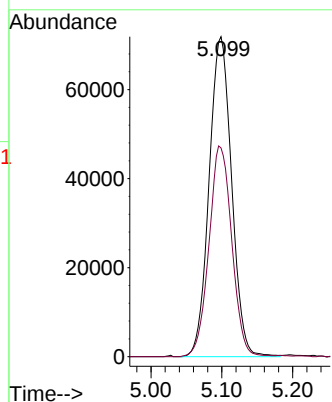
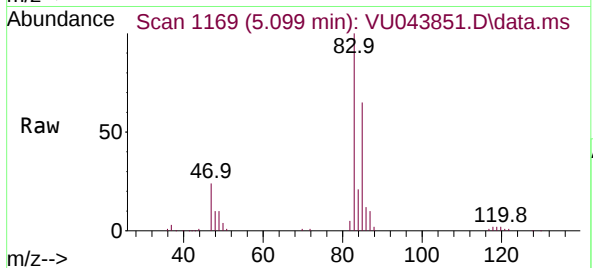


#25

Chloroform
Concen: 5.76 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU043851.D
Acq: 20 May 2021 01:28

Instrument :
MSVOA_U
ClientSampleId :
VSTD005149

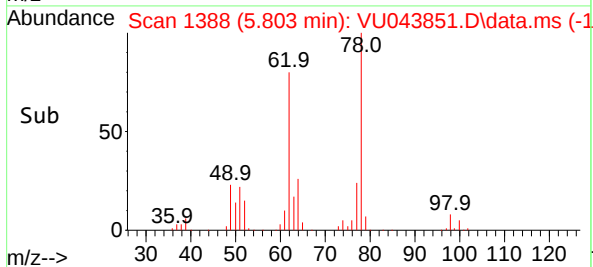
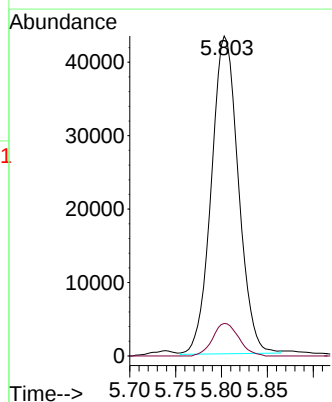
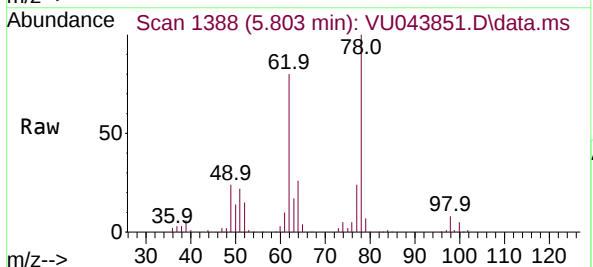
Tgt Ion: 83 Resp: 158458
Ion Ratio Lower Upper
83 100
85 65.3 45.0 83.6

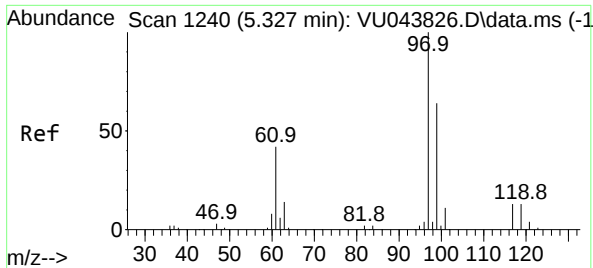


#27

1,2-Dichloroethane
Concen: 5.23 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VU043851.D
Acq: 20 May 2021 01:28

Tgt Ion: 62 Resp: 88736
Ion Ratio Lower Upper
62 100
98 10.1 7.7 11.5

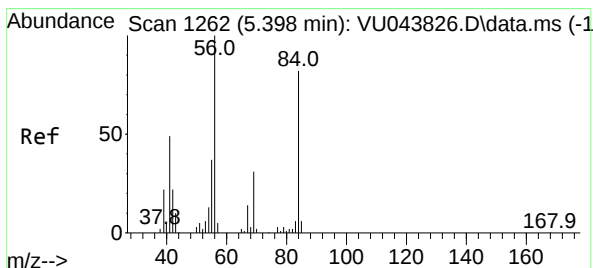
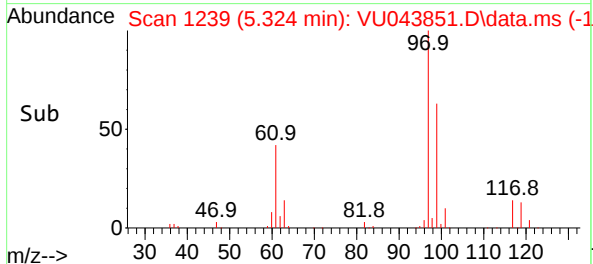
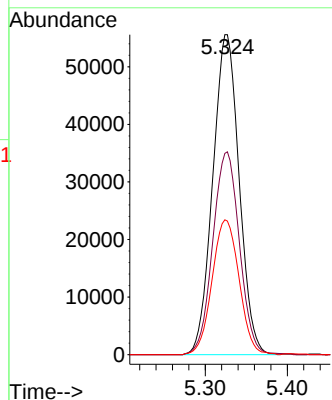
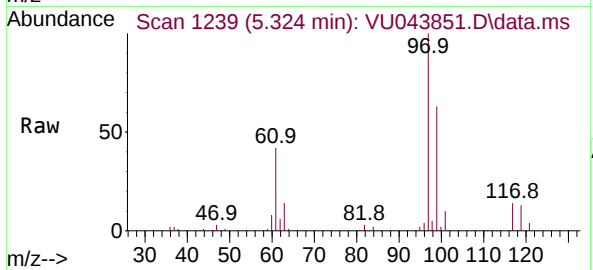




#29
1,1,1-Trichloroethane
Concen: 5.33 ug/L
RT: 5.324 min Scan# 1239
Delta R.T. -0.003 min
Lab File: VU043851.D
Acq: 20 May 2021 01:28

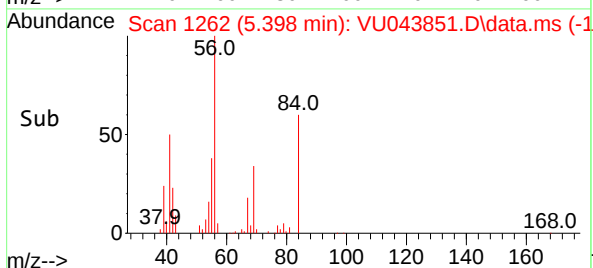
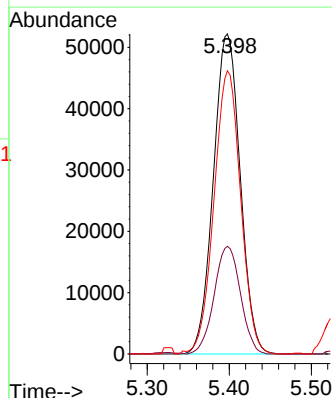
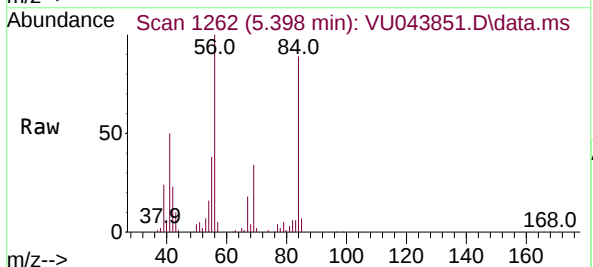
Instrument :
MSVOA_U
ClientSampleId :
VSTD005149

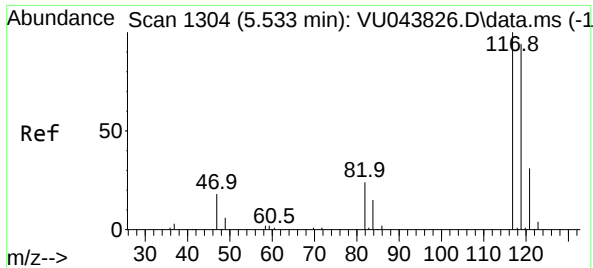
Tgt Ion:	97	Resp:	124277
Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.1	76.7
61	43.2	37.0	55.4



#30
Cyclohexane
Concen: 4.59 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. -0.000 min
Lab File: VU043851.D
Acq: 20 May 2021 01:28

Tgt Ion:	56	Resp:	118747
Ion	Ratio	Lower	Upper
56	100		
69	33.0	24.8	37.2
84	87.8	66.8	100.2

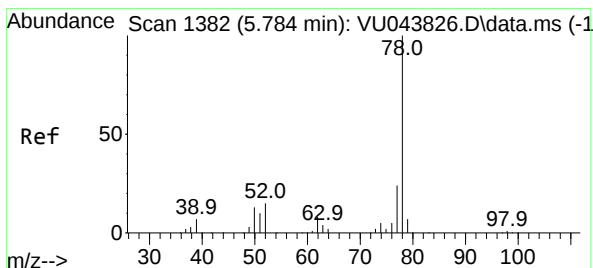
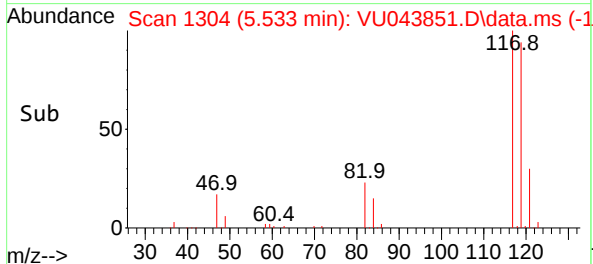
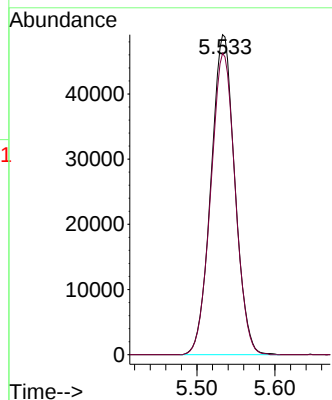
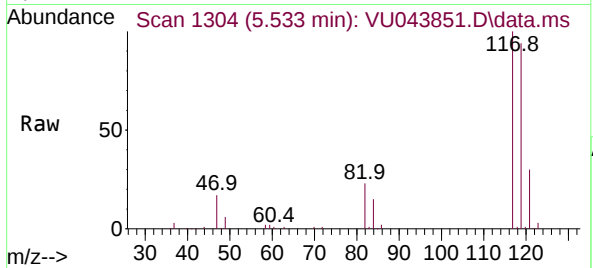




#31
Carbon tetrachloride
Concen: 5.37 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VU043851.D
Acq: 20 May 2021 01:28

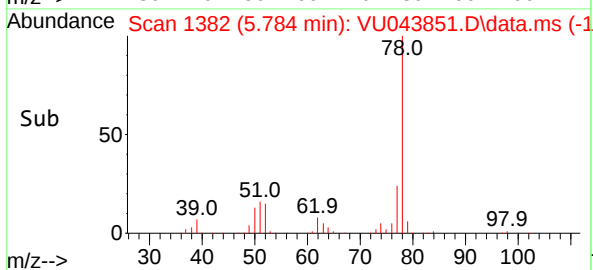
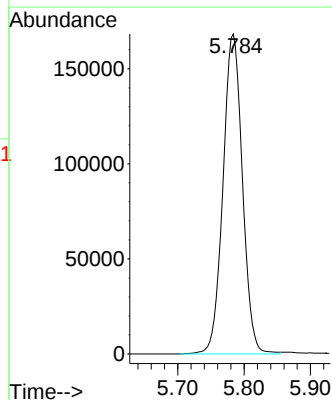
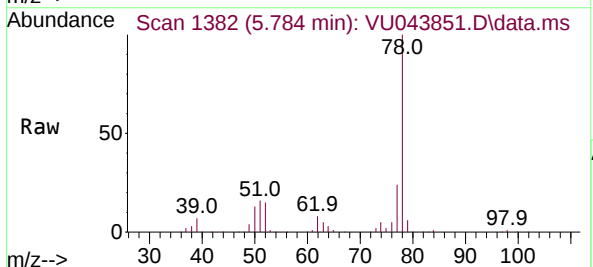
Instrument :
MSVOA_U
ClientSampleId :
VSTD005149

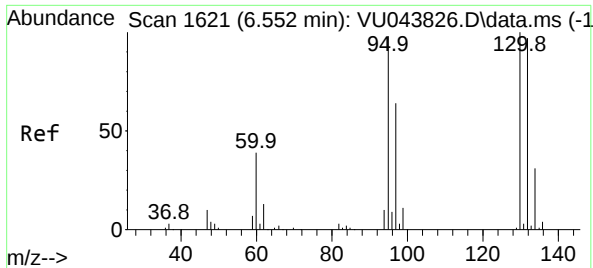
Tgt Ion:117 Resp: 104556
Ion Ratio Lower Upper
117 100
119 96.2 77.4 116.0



#33
Benzene
Concen: 5.29 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VU043851.D
Acq: 20 May 2021 01:28

Tgt Ion: 78 Resp: 342509



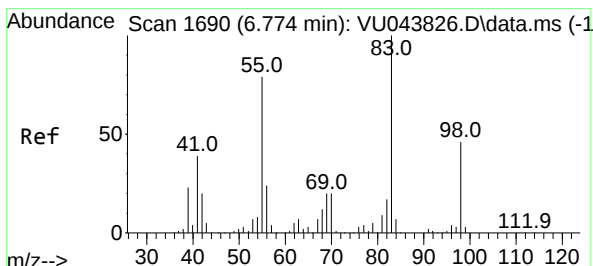
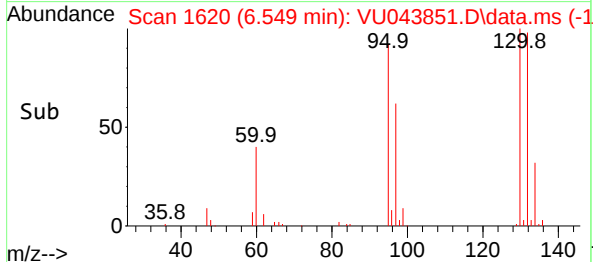
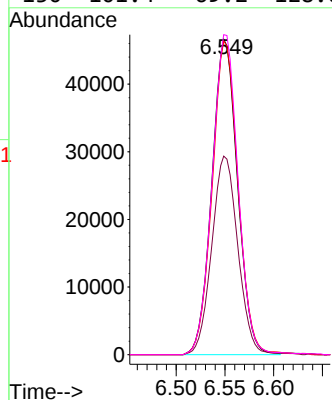
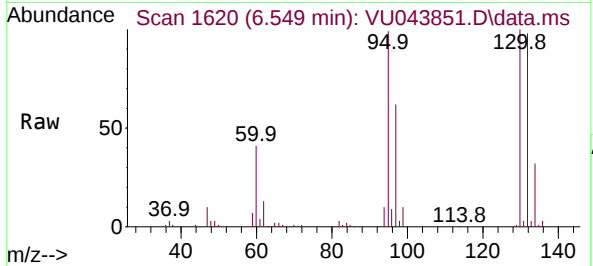


#34
Trichloroethene
Concen: 5.15 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU043851.D
Acq: 20 May 2021 01:28

Instrument :
MSVOA_U
ClientSampleId :
VSTD005149

Tgt Ion: 95 Resp: 85467

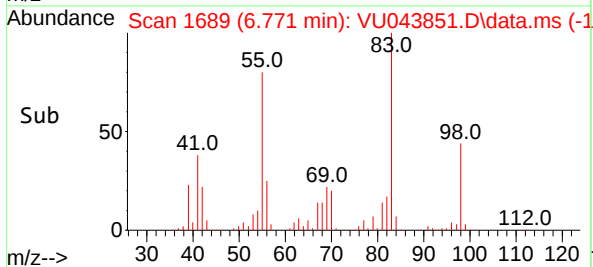
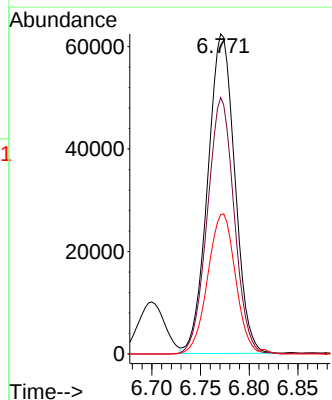
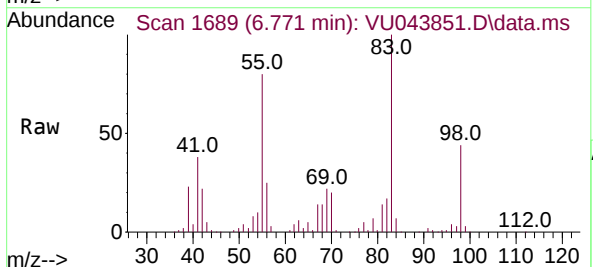
Ion	Ratio	Lower	Upper
95	100		
97	62.9	44.3	82.3
132	99.4	66.0	122.6
130	101.4	69.2	128.6

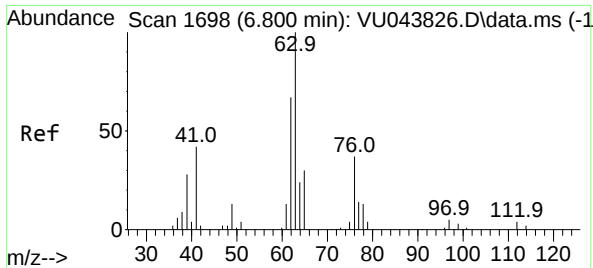


#35
Methylcyclohexane
Concen: 4.68 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. -0.003 min
Lab File: VU043851.D
Acq: 20 May 2021 01:28

Tgt Ion: 83 Resp: 120811

Ion	Ratio	Lower	Upper
83	100		
55	79.4	64.8	97.2
98	44.7	35.9	53.9

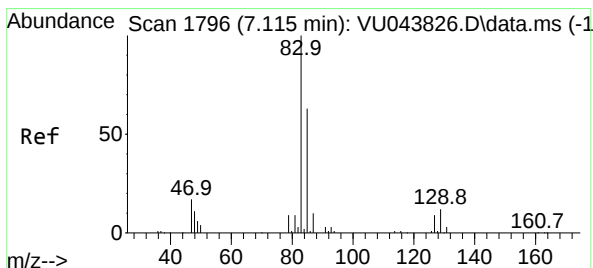
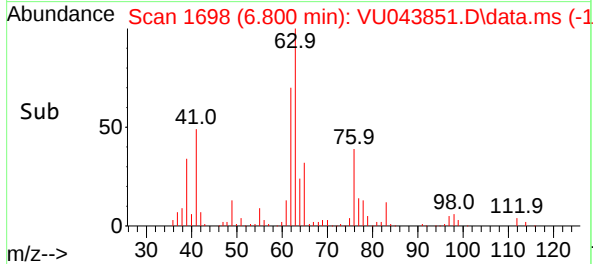
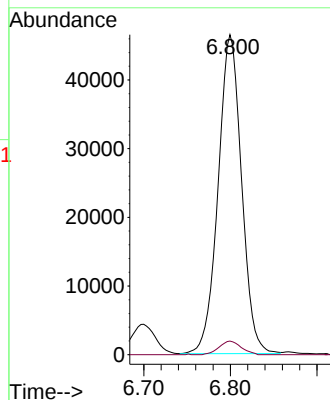
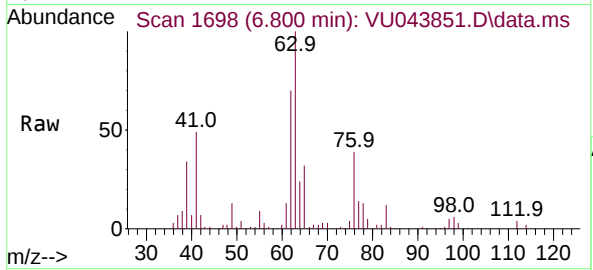




#37
1,2-Dichloropropane
Concen: 5.16 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VU043851.D
Acq: 20 May 2021 01:28

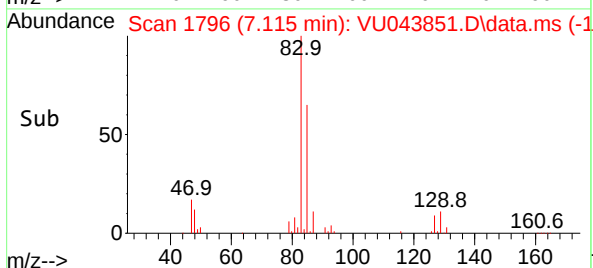
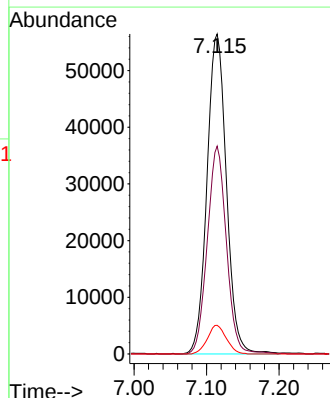
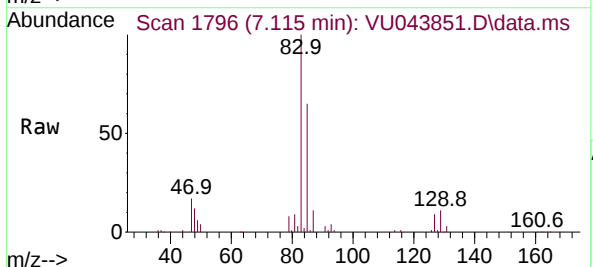
Instrument :
MSVOA_U
ClientSampleId :
VSTD005149

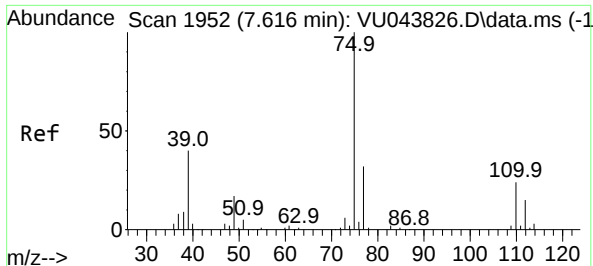
Tgt Ion: 63 Resp: 87351
Ion Ratio Lower Upper
63 100
112 4.0 3.3 4.9



#38
Bromodichloromethane
Concen: 5.33 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VU043851.D
Acq: 20 May 2021 01:28

Tgt Ion: 83 Resp: 105170
Ion Ratio Lower Upper
83 100
85 65.0 44.6 82.8
127 8.9 7.0 10.4



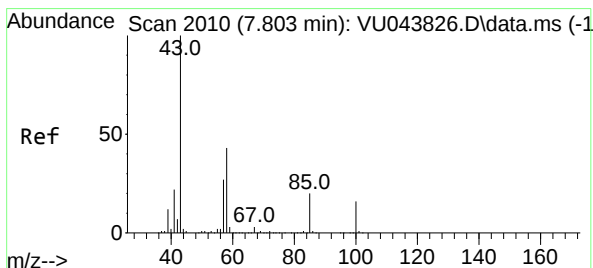
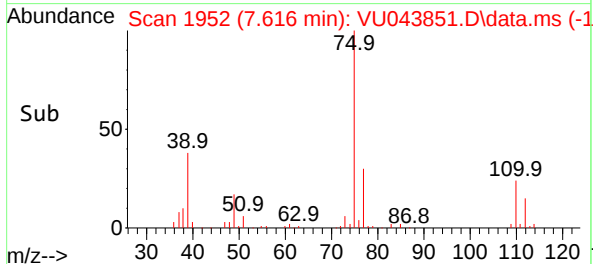
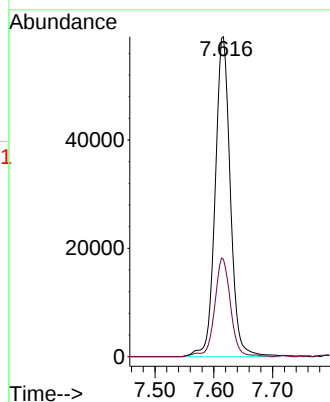
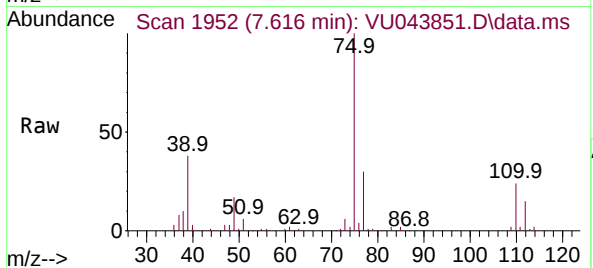


#39

cis-1,3-Dichloropropene
Concen: 4.72 ug/L
RT: 7.616 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VU043851.D
Acq: 20 May 2021 01:28

Instrument :
MSVOA_U
ClientSampleId :
VSTD005149

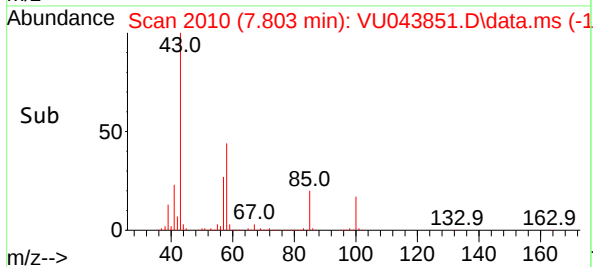
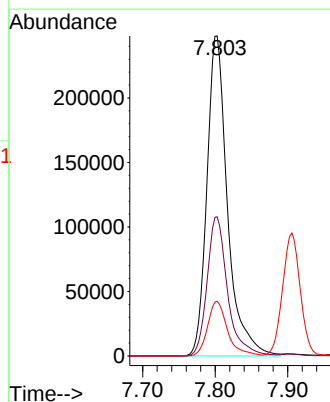
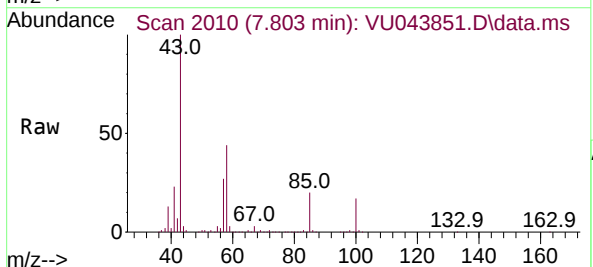
Tgt Ion: 75 Resp: 106205
Ion Ratio Lower Upper
75 100
77 30.5 22.5 41.7

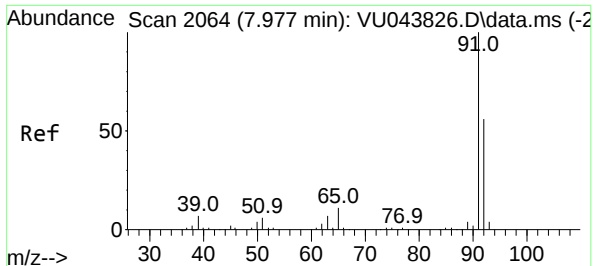


#40

4-Methyl-2-pentanone
Concen: 45.32 ug/L
RT: 7.803 min Scan# 2010
Delta R.T. -0.000 min
Lab File: VU043851.D
Acq: 20 May 2021 01:28

Tgt Ion: 43 Resp: 489041
Ion Ratio Lower Upper
43 100
58 43.2 32.8 49.2
100 16.6 11.9 17.9

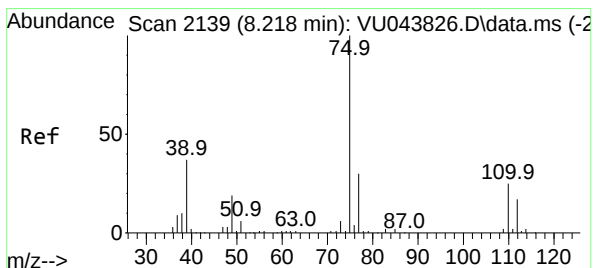
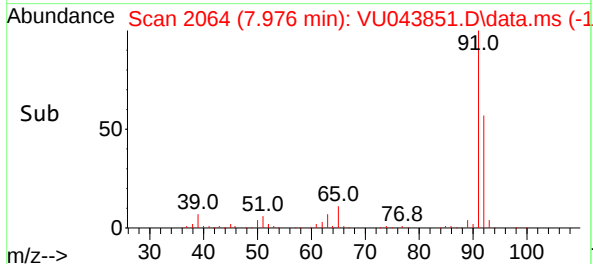
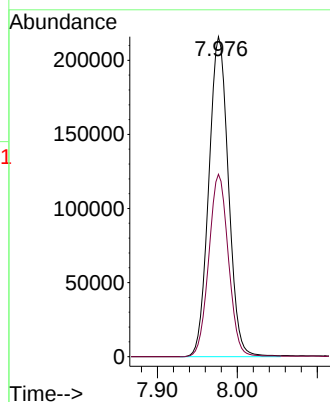
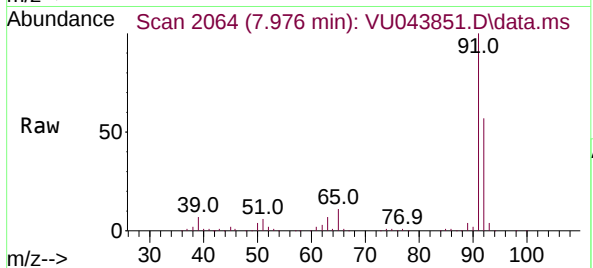




#42
Toluene
Concen: 5.43 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU043851.D
Acq: 20 May 2021 01:28

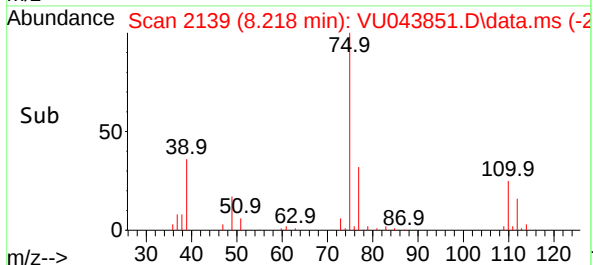
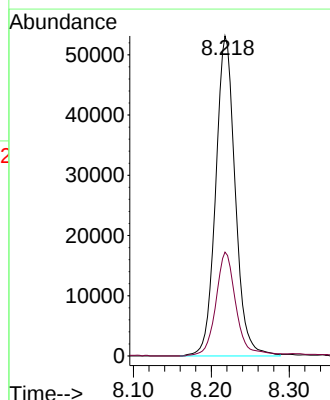
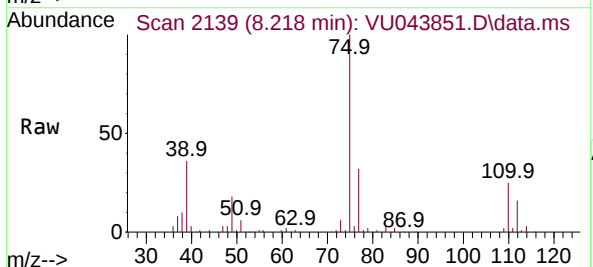
Instrument :
MSVOA_U
ClientSampleId :
VSTD005149

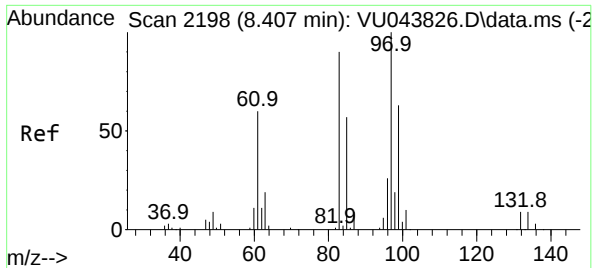
Tgt Ion: 91 Resp: 369015
Ion Ratio Lower Upper
91 100
92 57.0 40.3 74.8



#44
trans-1,3-Dichloropropene
Concen: 4.76 ug/L
RT: 8.218 min Scan# 2139
Delta R.T. -0.000 min
Lab File: VU043851.D
Acq: 20 May 2021 01:28

Tgt Ion: 75 Resp: 92406
Ion Ratio Lower Upper
75 100
77 32.4 21.5 39.9

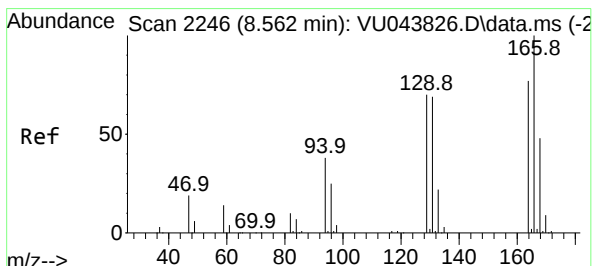
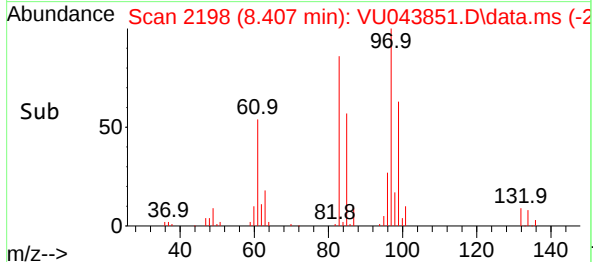
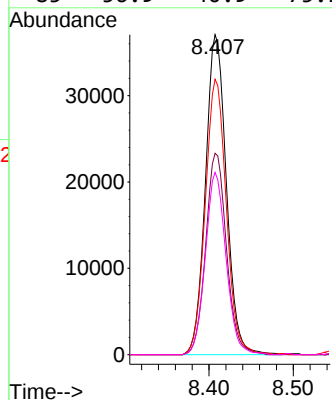
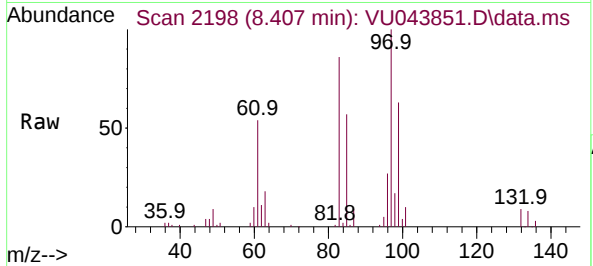




#45
1,1,2-Trichloroethane
Concen: 5.26 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. -0.000 min
Lab File: VU043851.D
Acq: 20 May 2021 01:28

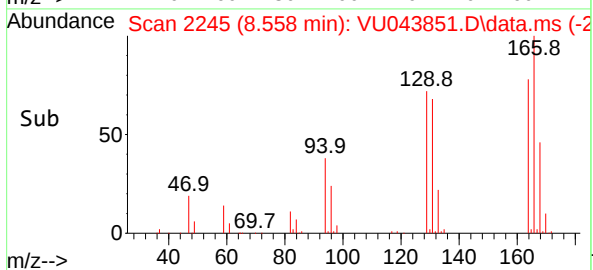
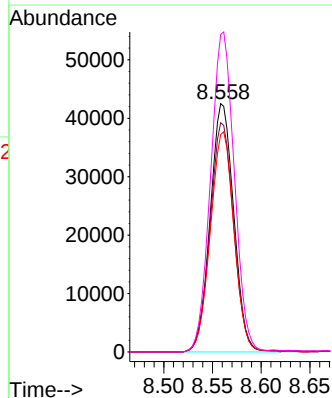
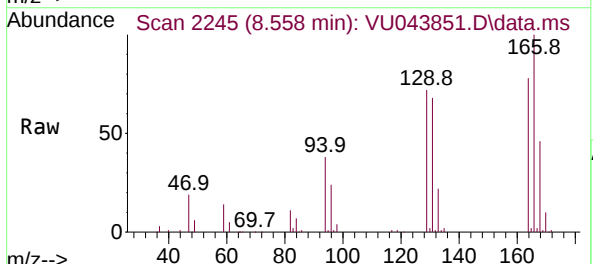
Instrument :
MSVOA_U
ClientSampleId :
VSTD005149

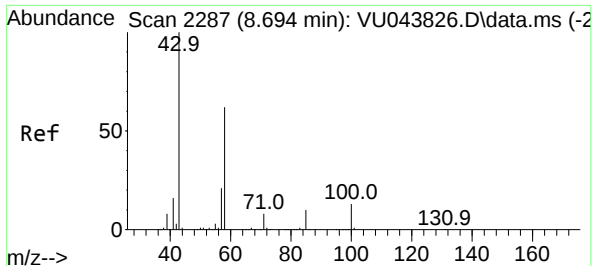
Tgt Ion:	97	Resp:	64005
Ion	Ratio	Lower	Upper
97	100		
99	63.0	43.8	81.4
83	86.1	62.5	116.1
85	56.9	40.9	75.9



#47
Tetrachloroethene
Concen: 5.32 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.003 min
Lab File: VU043851.D
Acq: 20 May 2021 01:28

Tgt Ion:	164	Resp:	71350
Ion	Ratio	Lower	Upper
164	100		
129	92.4	64.1	119.1
131	87.6	61.2	113.8
166	128.0	87.8	163.2





#48

2-Hexanone

Concen: 46.36 ug/L

RT: 8.693 min Scan# 2287

Delta R.T. -0.000 min

Lab File: VU043851.D

Acq: 20 May 2021 01:28

Tgt Ion: 43 Resp: 371128

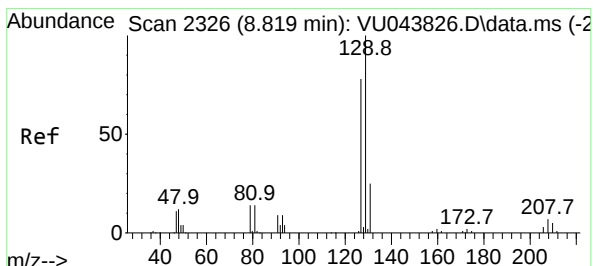
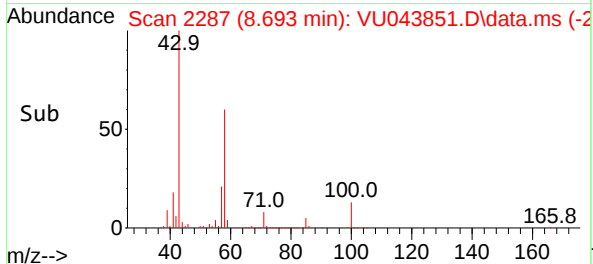
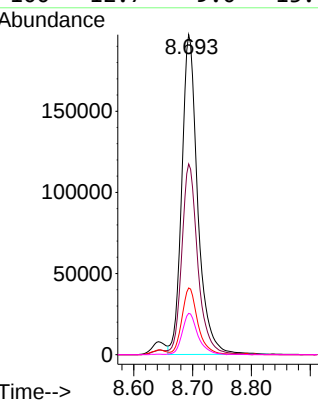
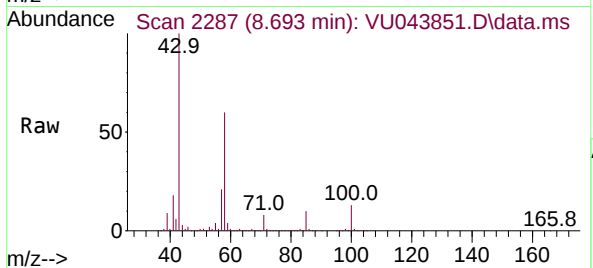
Ion Ratio Lower Upper

43 100

58 59.5 47.0 70.4

57 20.6 15.8 23.8

100 12.7 9.0 13.4



#49

Dibromochloromethane

Concen: 5.43 ug/L

RT: 8.819 min Scan# 2326

Delta R.T. -0.000 min

Lab File: VU043851.D

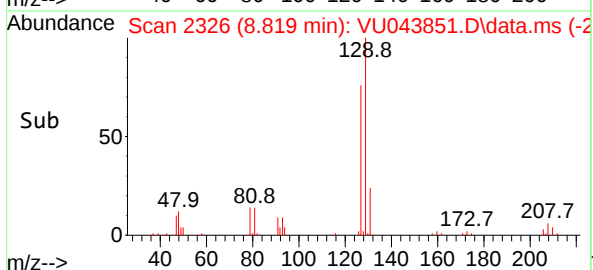
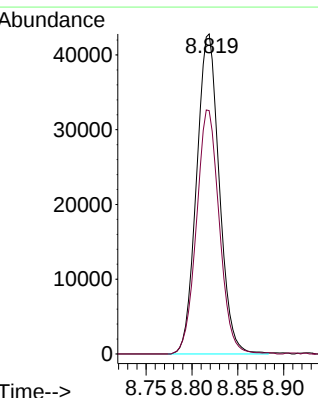
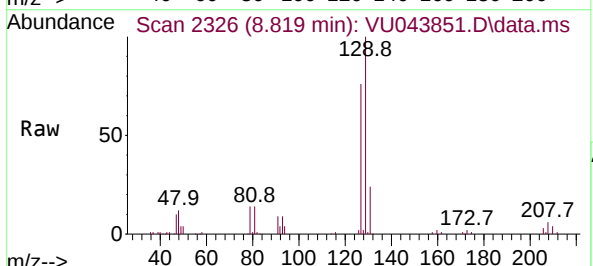
Acq: 20 May 2021 01:28

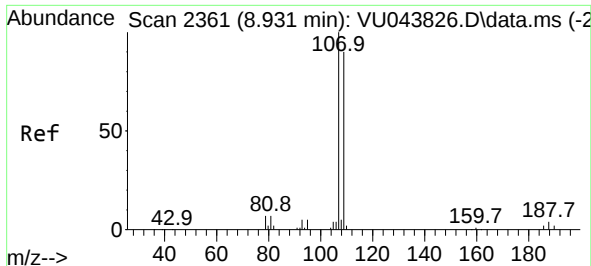
Tgt Ion: 129 Resp: 73628

Ion Ratio Lower Upper

129 100

127 76.0 53.4 99.2





#50

1,2-Dibromoethane

Concen: 5.15 ug/L

RT: 8.931 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VU043851.D

Acq: 20 May 2021 01:28

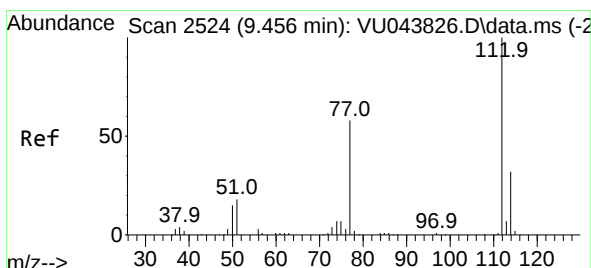
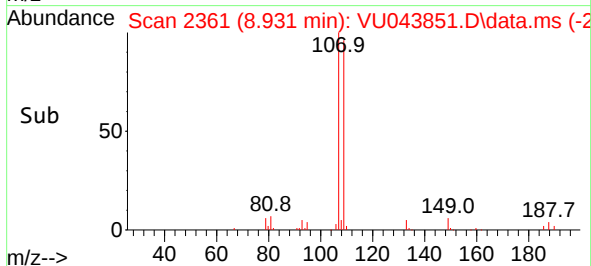
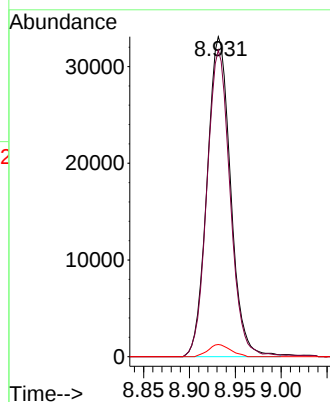
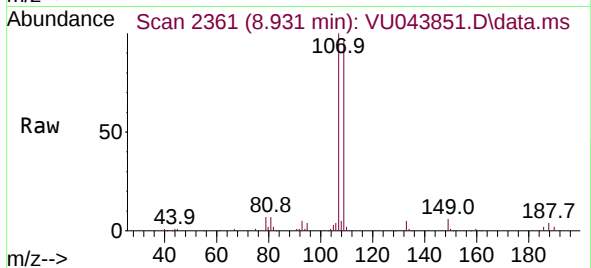
Instrument :

MSVOA_U

ClientSampleId :

VSTD005149

Tgt Ion:	107	Resp:	58932
Ion	Ratio	Lower	Upper
107	100		
109	95.8	67.7	125.7
188	3.8	3.3	4.9



#51

Chlorobenzene

Concen: 5.30 ug/L

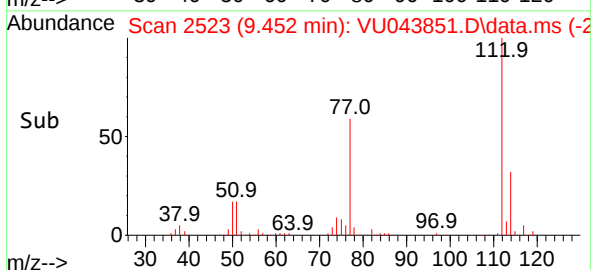
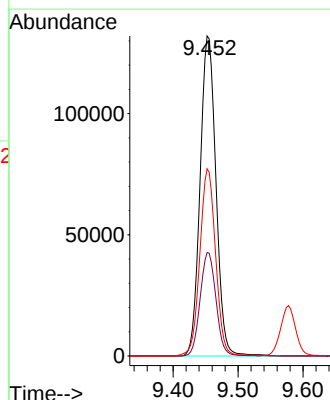
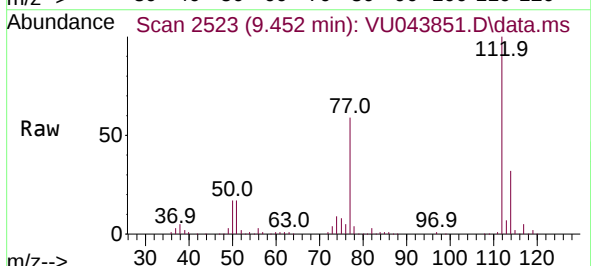
RT: 9.452 min Scan# 2523

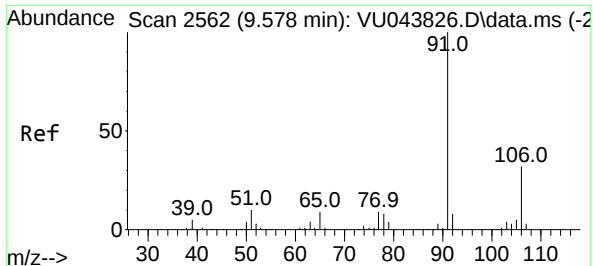
Delta R.T. -0.003 min

Lab File: VU043851.D

Acq: 20 May 2021 01:28

Tgt Ion:	112	Resp:	224898
Ion	Ratio	Lower	Upper
112	100		
114	32.3	22.3	41.5
77	58.5	47.8	71.8

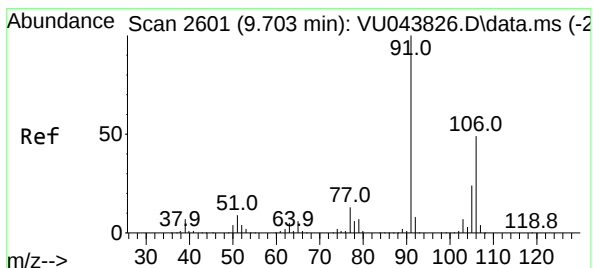
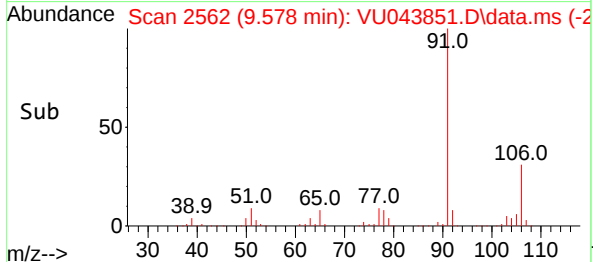
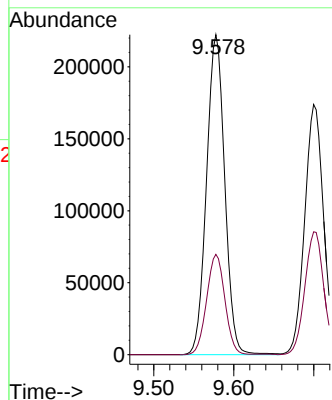
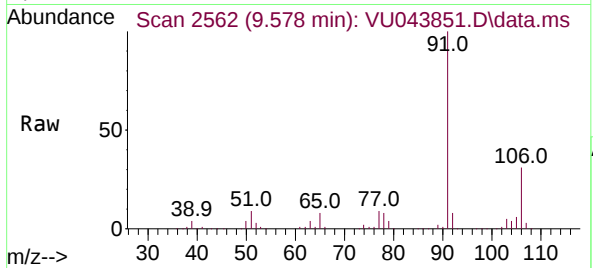




#52
Ethylbenzene
Concen: 5.07 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU043851.D
Acq: 20 May 2021 01:28

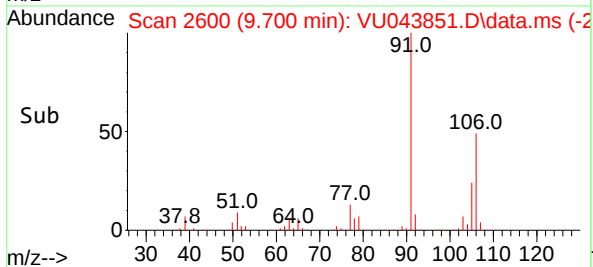
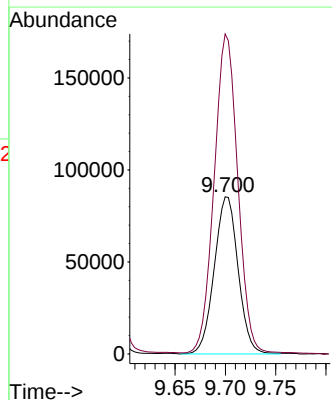
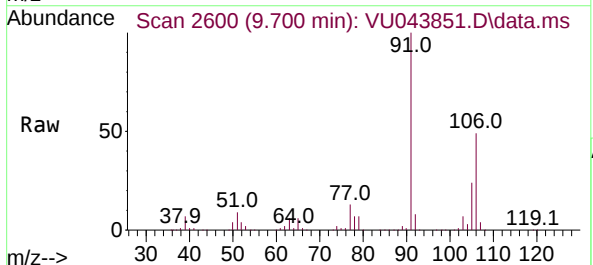
Instrument :
MSVOA_U
ClientSampleId :
VSTD005149

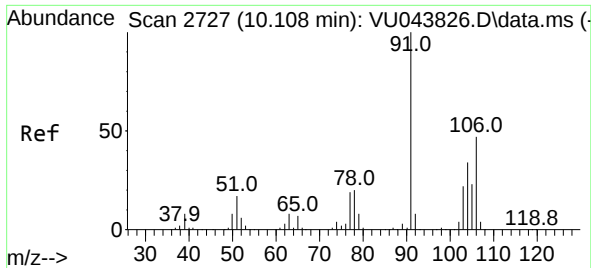
Tgt Ion: 91 Resp: 352645
Ion Ratio Lower Upper
91 100
106 31.3 21.7 40.3



#53
m,p-Xylene
Concen: 5.32 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.003 min
Lab File: VU043851.D
Acq: 20 May 2021 01:28

Tgt Ion: 106 Resp: 140817
Ion Ratio Lower Upper
106 100
91 203.7 144.4 268.2

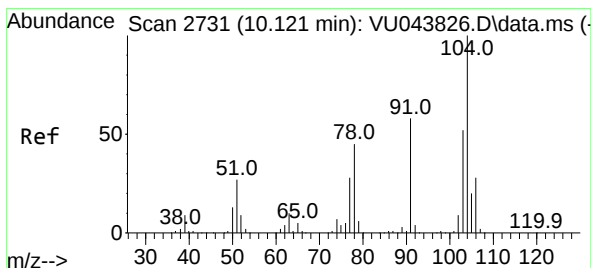
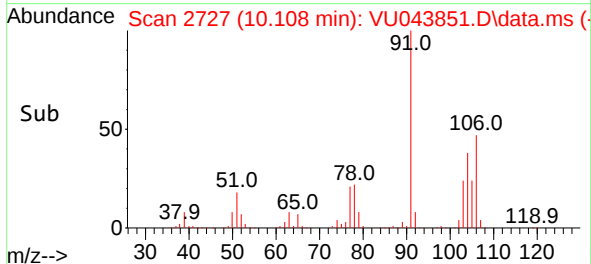
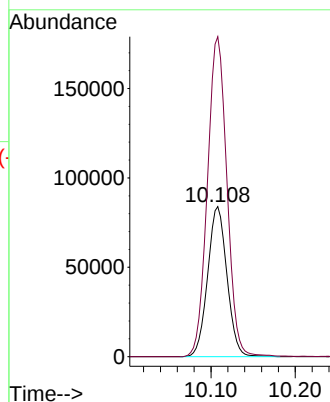
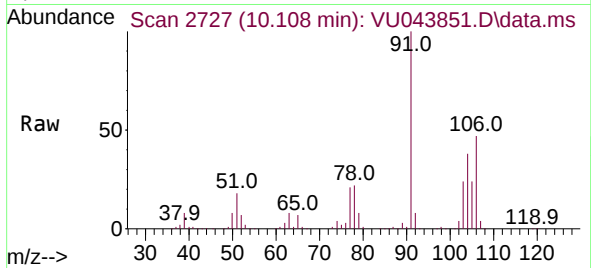




#54
o-Xylene
Concen: 5.31 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. -0.000 min
Lab File: VU043851.D
Acq: 20 May 2021 01:28

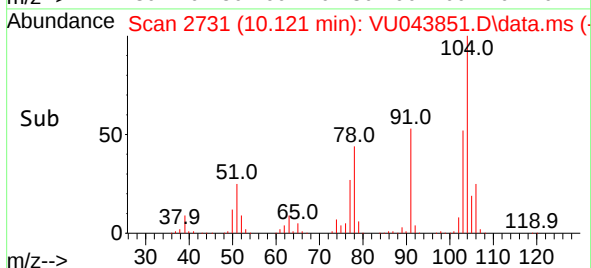
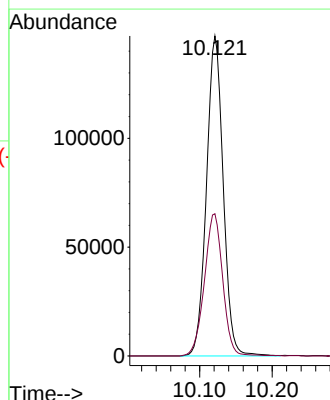
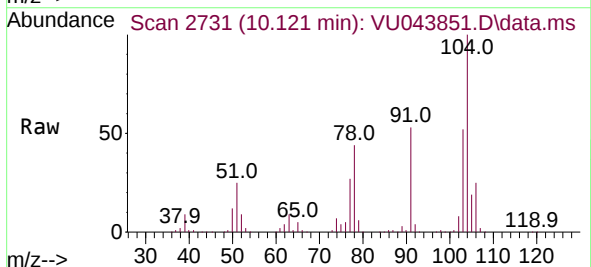
Instrument :
MSVOA_U
ClientSampled :
VSTD005149

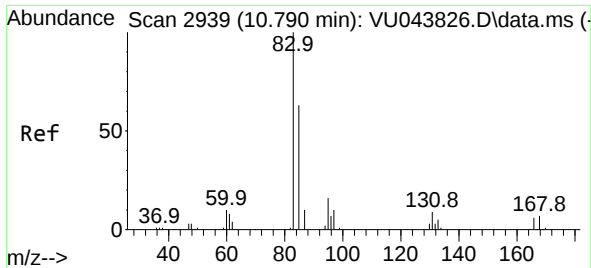
Tgt Ion:106 Resp: 133946
Ion Ratio Lower Upper
106 100
91 213.2 150.8 280.0



#55
Styrene
Concen: 5.54 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. -0.000 min
Lab File: VU043851.D
Acq: 20 May 2021 01:28

Tgt Ion:104 Resp: 235872
Ion Ratio Lower Upper
104 100
78 44.4 31.8 59.0

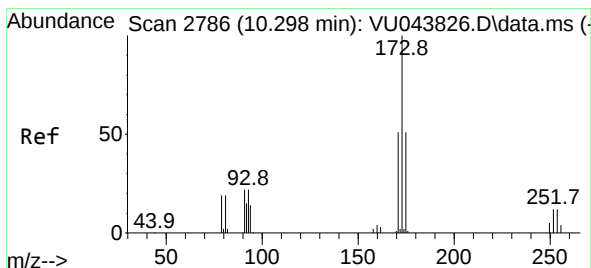
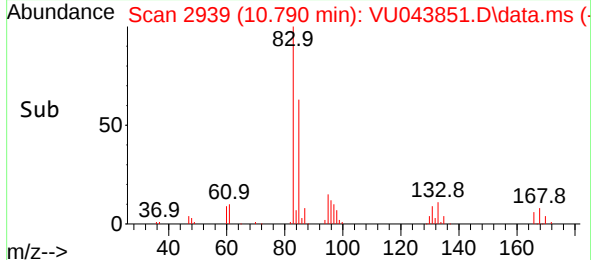
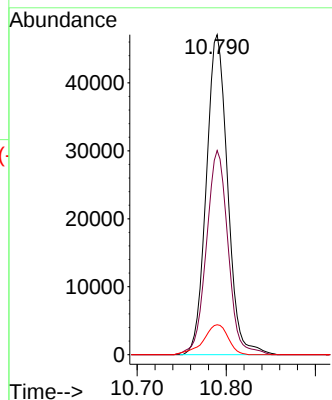
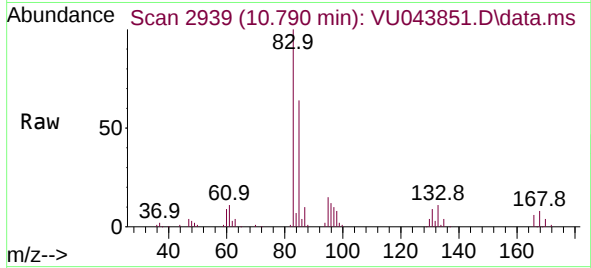




#57
1,1,2,2-Tetrachloroethane
Concen: 5.06 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. -0.000 min
Lab File: VU043851.D
Acq: 20 May 2021 01:28

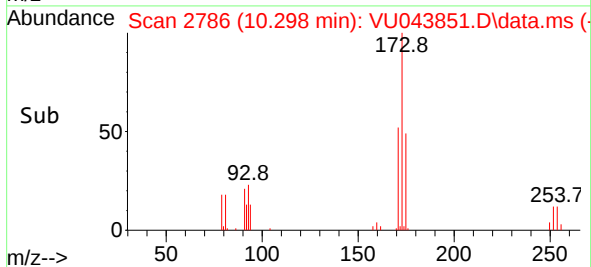
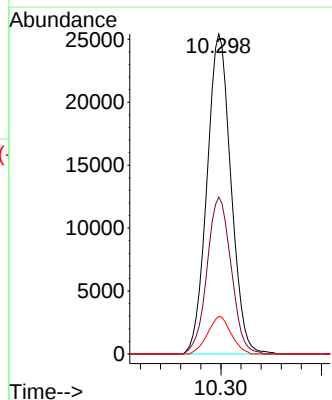
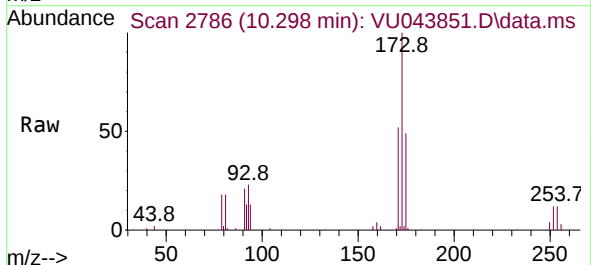
Instrument :
MSVOA_U
ClientSampleId :
VSTD005149

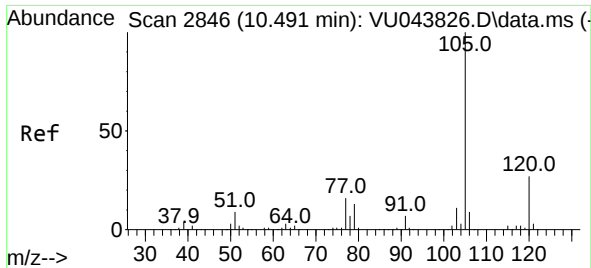
Tgt Ion:	83	Resp:	78077
Ion	Ratio	Lower	Upper
83	100		
85	63.8	45.1	83.7
131	9.3	7.6	11.4



#59
Bromoform
Concen: 5.08 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. -0.000 min
Lab File: VU043851.D
Acq: 20 May 2021 01:28

Tgt Ion:	173	Resp:	42052
Ion	Ratio	Lower	Upper
173	100		
175	49.3	38.8	58.2
254	11.5	9.4	14.2

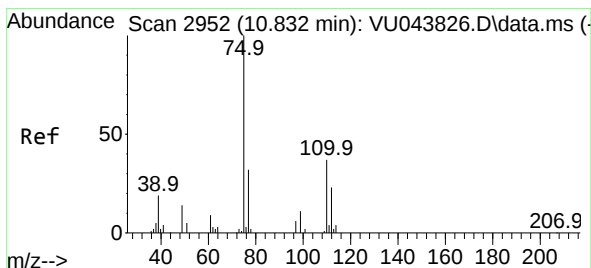
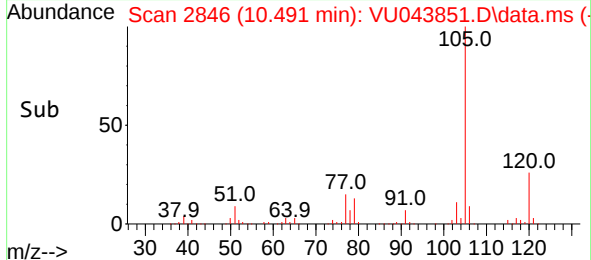
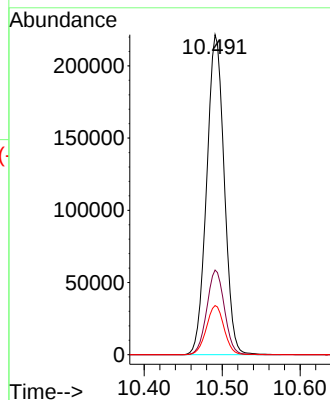
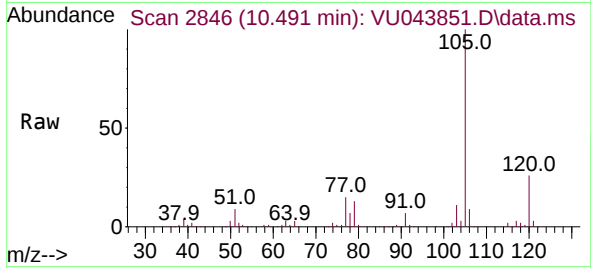




#60
Isopropylbenzene
Concen: 5.13 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. -0.000 min
Lab File: VU043851.D
Acq: 20 May 2021 01:28

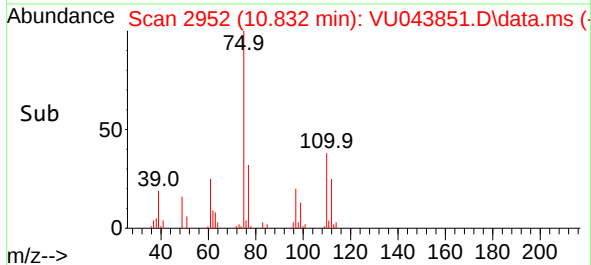
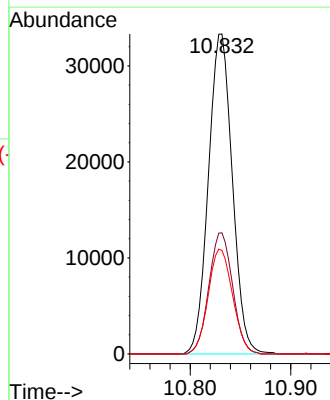
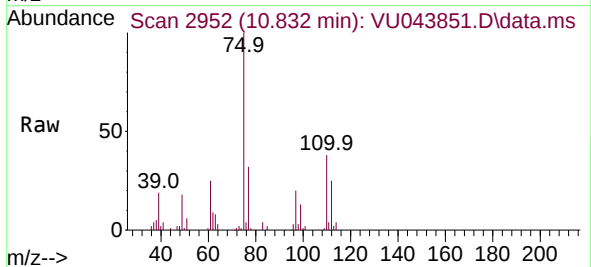
Instrument :
MSVOA_U
ClientSampleId :
VSTD005149

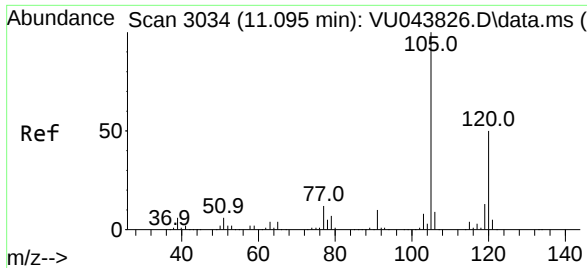
Tgt Ion:105 Resp: 346189
Ion Ratio Lower Upper
105 100
120 26.5 21.3 31.9
77 15.5 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 4.69 ug/L
RT: 10.832 min Scan# 2952
Delta R.T. -0.000 min
Lab File: VU043851.D
Acq: 20 May 2021 01:28

Tgt Ion: 75 Resp: 55075
Ion Ratio Lower Upper
75 100
110 37.5 27.9 41.9
77 33.5 25.9 38.9

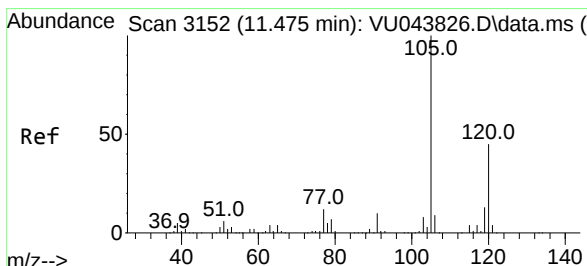
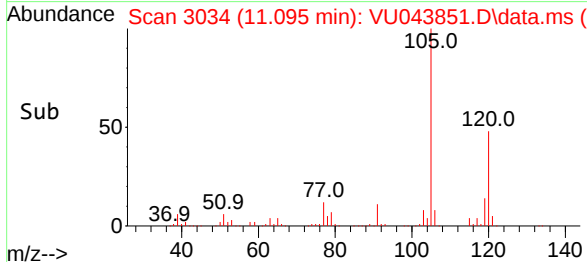
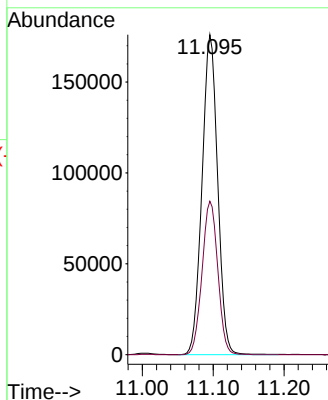
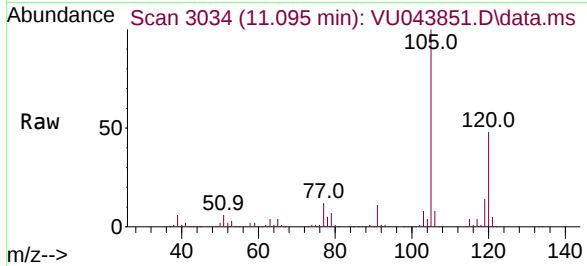




#62
1,3,5-Trimethylbenzene
Concen: 4.96 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU043851.D
Acq: 20 May 2021 01:28

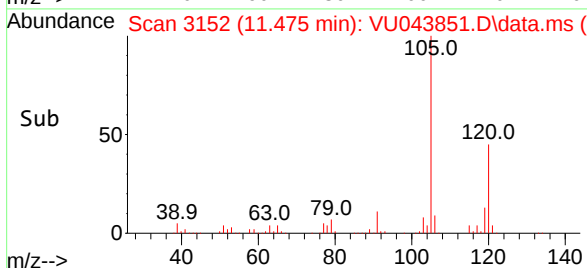
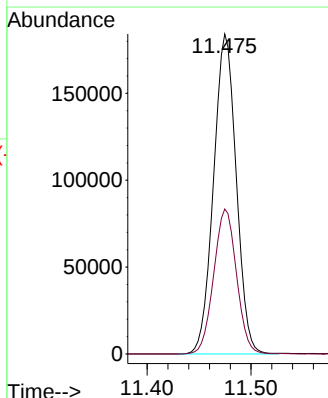
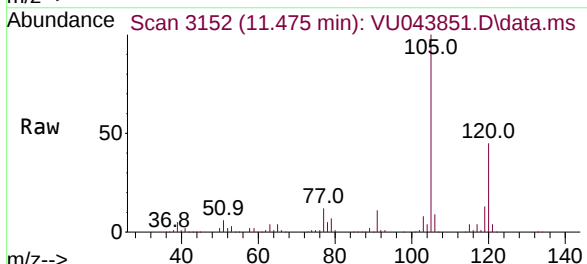
Instrument :
MSVOA_U
ClientSampleId :
VSTD005149

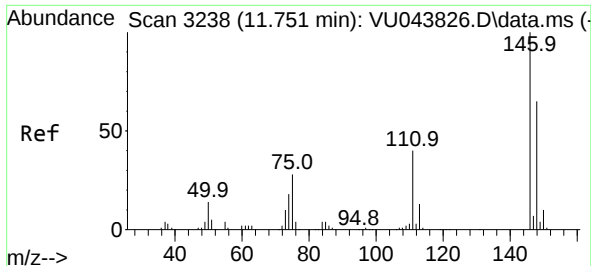
Tgt Ion:105 Resp: 269451
Ion Ratio Lower Upper
105 100
120 48.2 38.9 58.3



#63
1,2,4-Trimethylbenzene
Concen: 5.01 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU043851.D
Acq: 20 May 2021 01:28

Tgt Ion:105 Resp: 279180
Ion Ratio Lower Upper
105 100
120 45.5 36.0 54.0

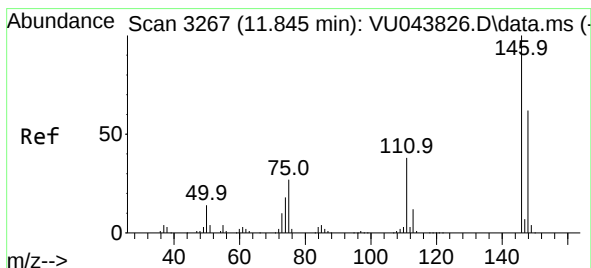
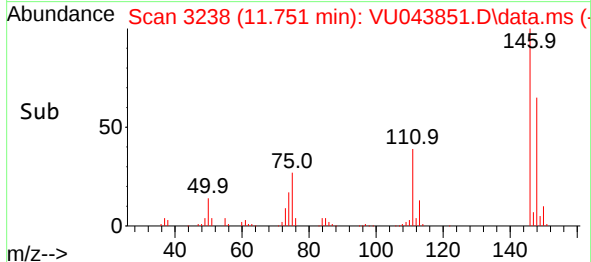
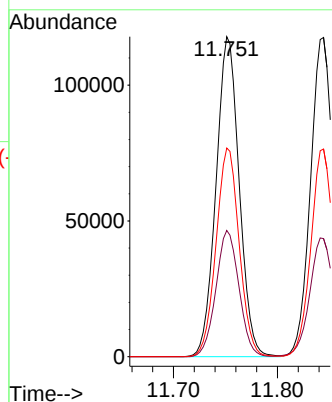
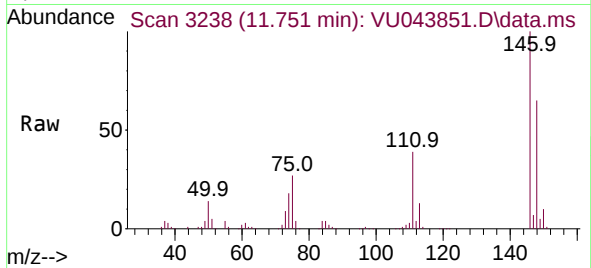




#64
1,3-Dichlorobenzene
Concen: 5.25 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. -0.000 min
Lab File: VU043851.D
Acq: 20 May 2021 01:28

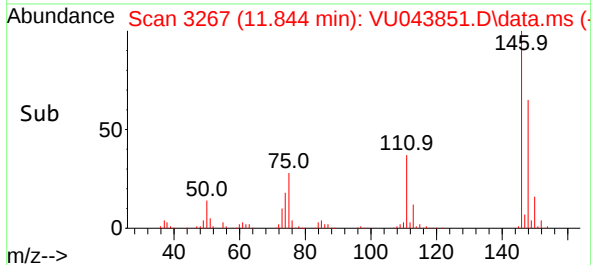
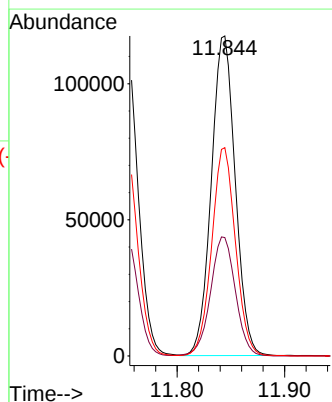
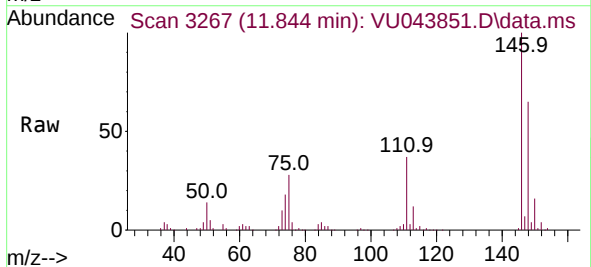
Instrument :
MSVOA_U
ClientSampleID :
VSTD005149

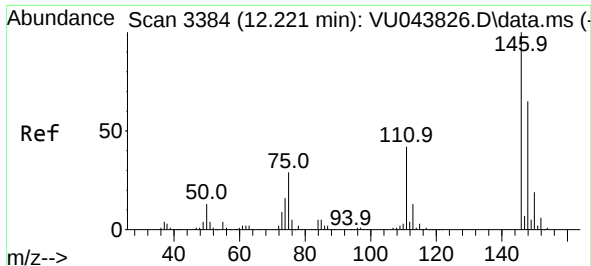
Tgt Ion:146 Resp: 182535
Ion Ratio Lower Upper
146 100
111 39.4 28.1 52.1
148 65.2 45.6 84.6



#65
1,4-Dichlorobenzene
Concen: 5.20 ug/L
RT: 11.844 min Scan# 3267
Delta R.T. -0.000 min
Lab File: VU043851.D
Acq: 20 May 2021 01:28

Tgt Ion:146 Resp: 181854
Ion Ratio Lower Upper
146 100
111 37.0 27.0 50.2
148 65.1 45.0 83.6

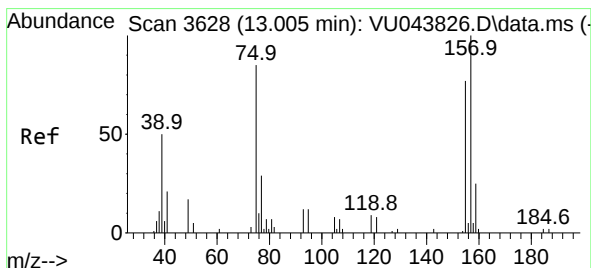
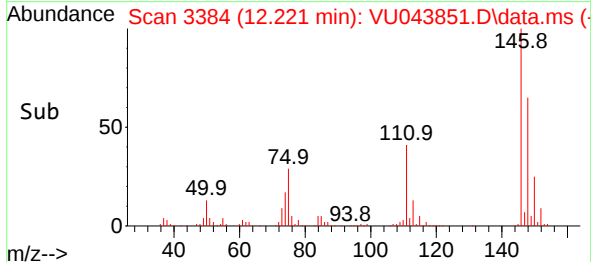
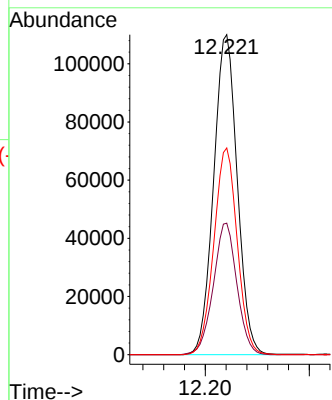
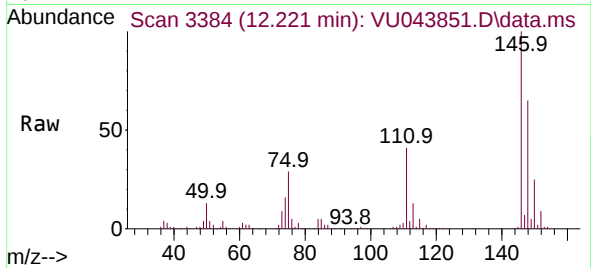




#67
1,2-Dichlorobenzene
Concen: 5.19 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. -0.000 min
Lab File: VU043851.D
Acq: 20 May 2021 01:28

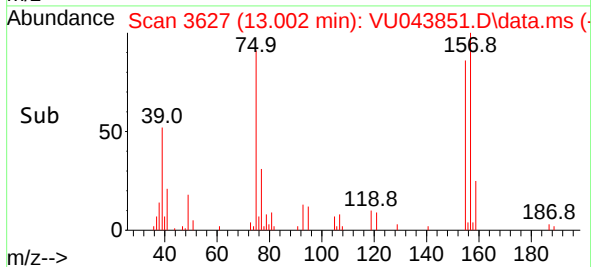
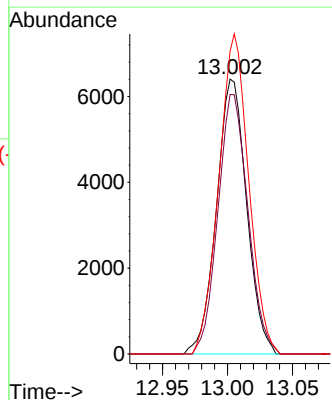
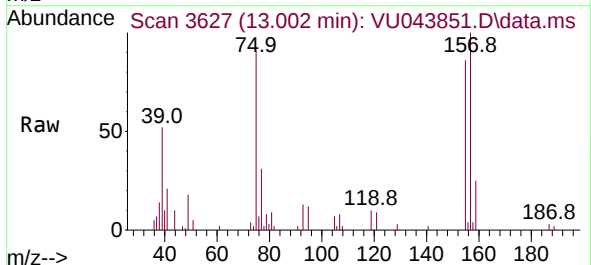
Instrument :
MSVOA_U
ClientSampleId :
VSTD005149

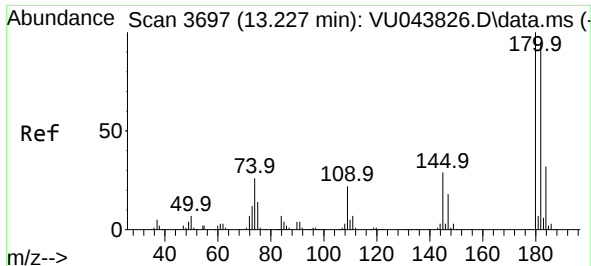
Tgt Ion:146 Resp: 173574
Ion Ratio Lower Upper
146 100
111 41.1 33.6 50.4
148 64.6 50.2 75.2



#68
1,2-Dibromo-3-chloropropane
Concen: 4.28 ug/L
RT: 13.002 min Scan# 3627
Delta R.T. -0.003 min
Lab File: VU043851.D
Acq: 20 May 2021 01:28

Tgt Ion: 75 Resp: 10317
Ion Ratio Lower Upper
75 100
155 94.4 68.7 103.1
157 110.3 87.7 131.5

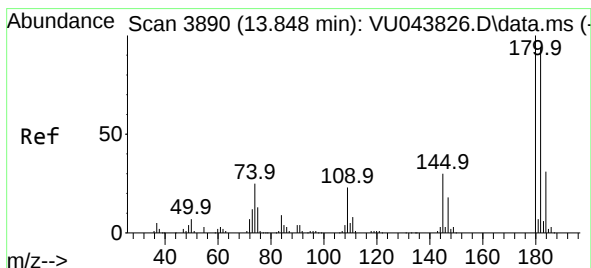
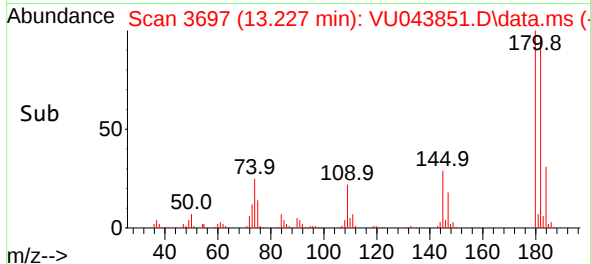
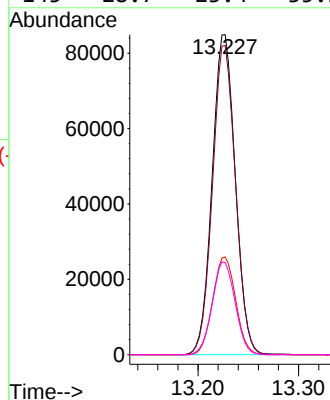
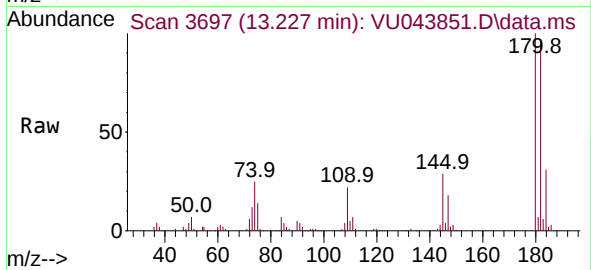




#69
1,3,5-Trichlorobenzene
Concen: 4.88 ug/L
RT: 13.227 min Scan# 3697
Delta R.T. -0.000 min
Lab File: VU043851.D
Acq: 20 May 2021 01:28

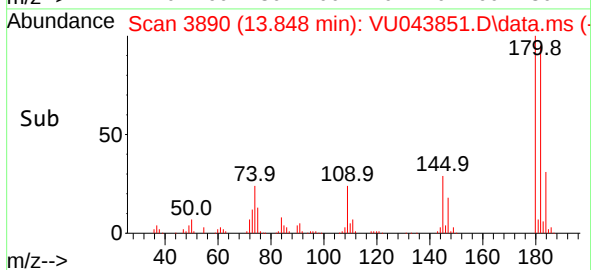
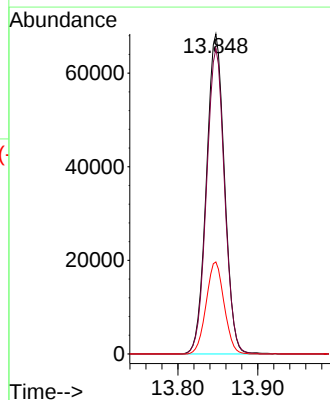
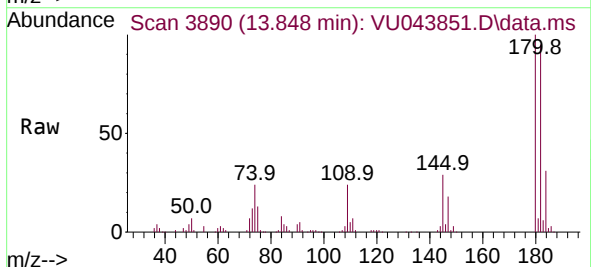
Instrument :
MSVOA_U
ClientSampleId :
VSTD005149

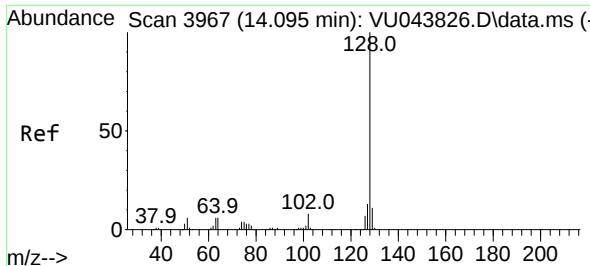
Tgt Ion:	180	Resp:	135509
Ion Ratio	Lower	Upper	
180	100		
182	96.4	78.2	117.2
184	30.3	24.8	37.2
145	28.7	23.4	35.2



#70
1,2,4-trichlorobenzene
Concen: 4.72 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. -0.000 min
Lab File: VU043851.D
Acq: 20 May 2021 01:28

Tgt Ion:	180	Resp:	107882
Ion Ratio	Lower	Upper	
180	100		
182	95.0	76.9	115.3
145	28.5	23.0	34.4

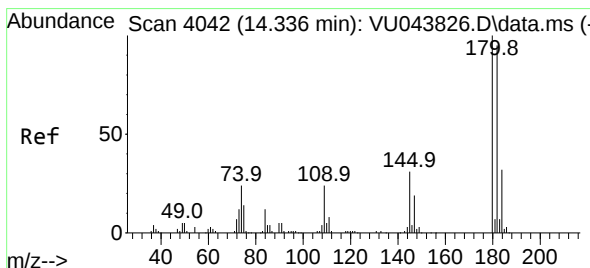
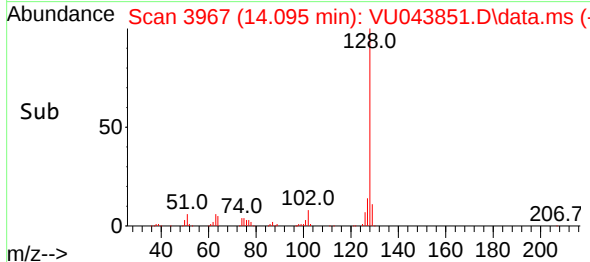
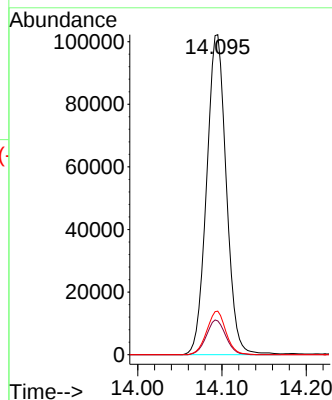
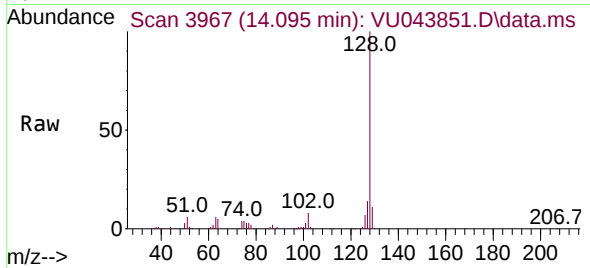




#71
Naphthalene
Concen: 4.12 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. -0.000 min
Lab File: VU043851.D
Acq: 20 May 2021 01:28

Instrument :
MSVOA_U
ClientSampleId :
VSTD005149

Tgt Ion:128 Resp: 166004
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 13.3 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.82 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. -0.000 min
Lab File: VU043851.D
Acq: 20 May 2021 01:28

Tgt Ion:180 Resp: 104430
Ion Ratio Lower Upper
180 100
182 96.6 77.0 115.4
145 31.2 24.6 36.8

