

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052021\
 Data File : VU043826.D
 Acq On : 19 May 2021 14:31
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005148

Quant Time: May 20 03:52:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 19 01:40:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	248956	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	244528	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	134082	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	72156	3.93	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.60%
7) Chloroethane-d5	1.916	69	50876	3.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.40%
11) 1,1-Dichloroethene-d2	2.572	65	31507	4.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.80%
20) 2-Butanone-d5	4.645	46	144007	41.26	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.52%
24) Chloroform-d	5.073	84	138037	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
26) 1,2-Dichloroethane-d4	5.713	65	65227	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.20%
32) Benzene-d6	5.735	84	280161	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
36) 1,2-Dichloropropane-d6	6.700	67	86757	4.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.60%
41) Toluene-d8	7.906	98	260953	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
43) trans-1,3-Dichloroprop...	8.189	79	32493	4.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.40%
46) 2-Hexanone-d5	8.642	63	142685	43.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.24%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	68970	4.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.00%
66) 1,2-Dichlorobenzene-d4	12.201	152	97999	4.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.80%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	91160	5.03	ug/L	98
3) Chloromethane	1.520	50	97922	4.60	ug/L	99
5) Vinyl chloride	1.607	62	102710	4.86	ug/L	97
6) Bromomethane	1.861	94	57917	4.65	ug/L	97
8) Chloroethane	1.938	64	53839	4.53	ug/L	98
9) Trichlorofluoromethane	2.144	101	120563	4.92	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	87484	5.24	ug/L	99
12) 1,1-Dichloroethene	2.584	96	85655	5.21	ug/L	96
13) Acetone	2.652	43	96454	43.53	ug/L	100
14) Carbon disulfide	2.800	76	271058	4.93	ug/L	100
15) Methyl Acetate	2.964	43	28637	4.34	ug/L	94
16) Methylene chloride	3.054	84	103228	4.23	ug/L	96
17) Methyl tert-butyl Ether	3.375	73	178062	4.79	ug/L	98
18) trans-1,2-Dichloroethene	3.363	96	89501	5.19	ug/L	94
19) 1,1-Dichloroethane	3.880	63	157509	5.05	ug/L	99
21) 2-Butanone	4.723	43	178367	42.09	ug/L	99
22) cis-1,2-Dichloroethene	4.678	96	92353	5.09	ug/L	96
23) Bromochloromethane	4.983	128	44930	5.26	ug/L	91
25) Chloroform	5.099	83	159742	5.17	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052021\
 Data File : VU043826.D
 Acq On : 19 May 2021 14:31
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

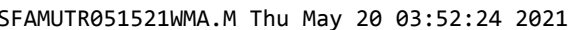
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005148

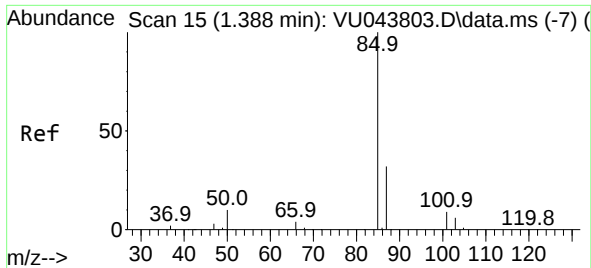
Quant Time: May 20 03:52:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 19 01:40:07 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	91045	4.78	ug/L	99
29) 1,1,1-Trichloroethane	5.327	97	132850	5.21	ug/L	97
30) Cyclohexane	5.398	56	138367	4.89	ug/L	98
31) Carbon tetrachloride	5.533	117	112016	5.26	ug/L	99
33) Benzene	5.784	78	365099	5.16	ug/L	100
34) Trichloroethene	6.552	95	91860	5.06	ug/L	96
35) Methylcyclohexane	6.774	83	144551	5.12	ug/L	98
37) 1,2-Dichloropropane	6.800	63	93494	5.05	ug/L	100
38) Bromodichloromethane	7.115	83	110954	5.14	ug/L	99
39) cis-1,3-Dichloropropene	7.616	75	123017	5.00	ug/L	99
40) 4-Methyl-2-pentanone	7.803	43	526487	44.62	ug/L	97
42) Toluene	7.977	91	394075	5.30	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	104215	4.91	ug/L	99
45) 1,1,2-Trichloroethane	8.407	97	66242	4.98	ug/L	99
47) Tetrachloroethene	8.562	164	77945	5.31	ug/L	97
48) 2-Hexanone	8.694	43	391357	44.71	ug/L	97
49) Dibromochloromethane	8.819	129	75980	5.12	ug/L	98
50) 1,2-Dibromoethane	8.931	107	62558	5.00	ug/L	93
51) Chlorobenzene	9.456	112	239829	5.17	ug/L	98
52) Ethylbenzene	9.578	91	394680	5.19	ug/L	98
53) m,p-Xylene	9.703	106	156829	5.42	ug/L	98
54) o-Xylene	10.108	106	150690	5.46	ug/L	97
55) Styrene	10.121	104	258921	5.56	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.790	83	80960	4.80	ug/L	99
59) Bromoform	10.298	173	44329	4.91	ug/L	100
60) Isopropylbenzene	10.491	105	389828	5.29	ug/L	99
61) 1,2,3-Trichloropropane	10.832	75	58989	4.61	ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	310907	5.25	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	322058	5.31	ug/L	100
64) 1,3-Dichlorobenzene	11.751	146	199150	5.25	ug/L	100
65) 1,4-Dichlorobenzene	11.845	146	198949	5.22	ug/L	98
67) 1,2-Dichlorobenzene	12.221	146	185213	5.08	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.005	75	11246	4.28	ug/L	93
69) 1,3,5-Trichlorobenzene	13.227	180	155023	5.12	ug/L	98
70) 1,2,4-trichlorobenzene	13.848	180	123237	4.94	ug/L	99
71) Naphthalene	14.095	128	194706	4.43	ug/L	100
72) 1,2,3-Trichlorobenzene	14.336	180	117090	4.95	ug/L	99

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

Quant Time: May 20 03:52:19 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed May 19 01:40:07 2021
Response via : Initial Calibration

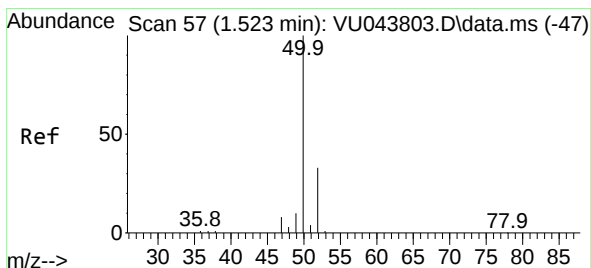
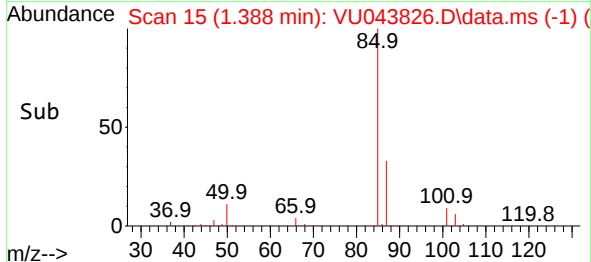
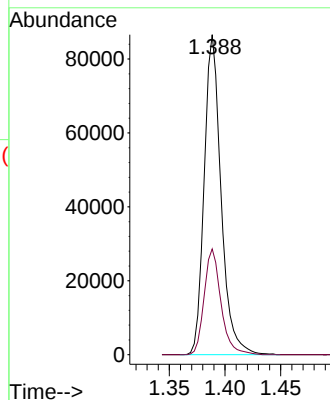
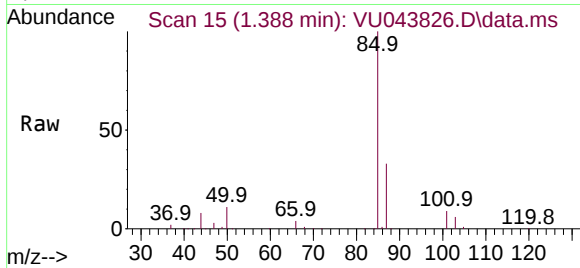




#2
Dichlorodifluoromethane
Concen: 5.03 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU043826.D
Acq: 19 May 2021 14:31

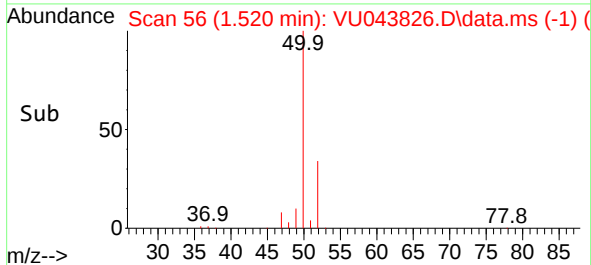
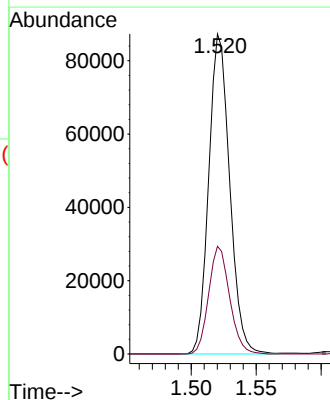
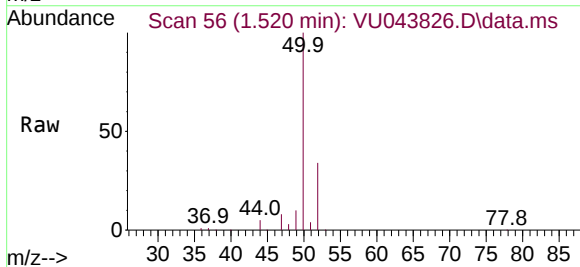
Instrument :
MSVOA_U
ClientSampleId :
VSTD005148

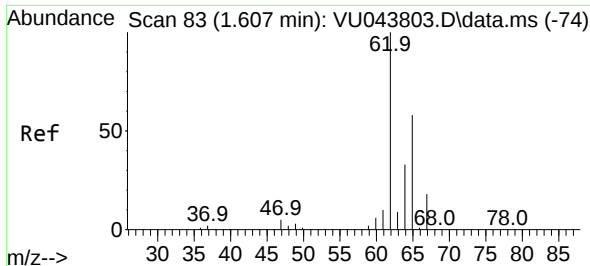
Tgt Ion: 85 Resp: 91160
Ion Ratio Lower Upper
85 100
87 32.8 25.5 38.3



#3
Chloromethane
Concen: 4.60 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU043826.D
Acq: 19 May 2021 14:31

Tgt Ion: 50 Resp: 97922
Ion Ratio Lower Upper
50 100
52 33.7 23.2 43.2

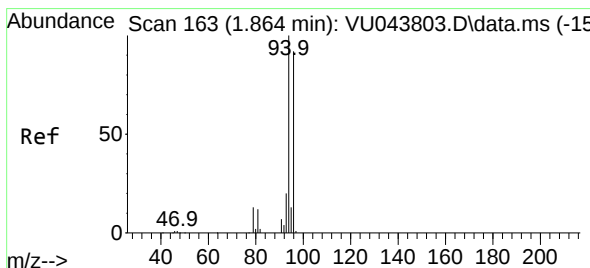
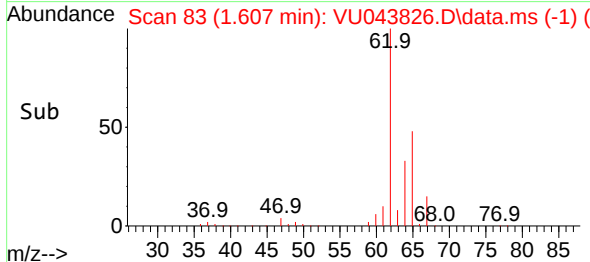
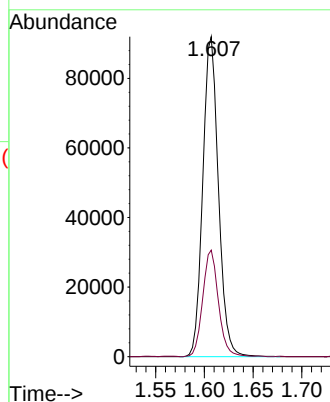
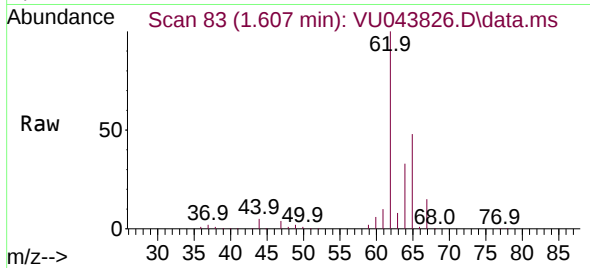




#5
 Vinyl chloride
 Concen: 4.86 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU043826.D
 Acq: 19 May 2021 14:31

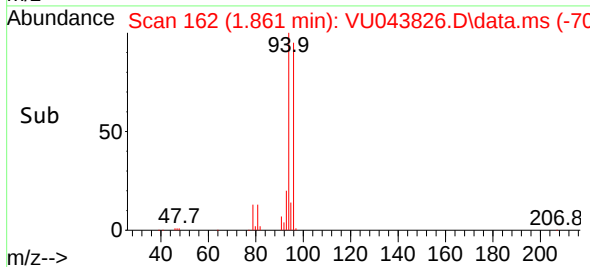
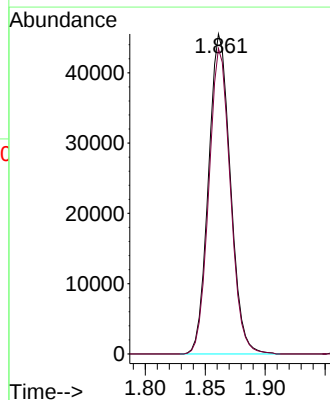
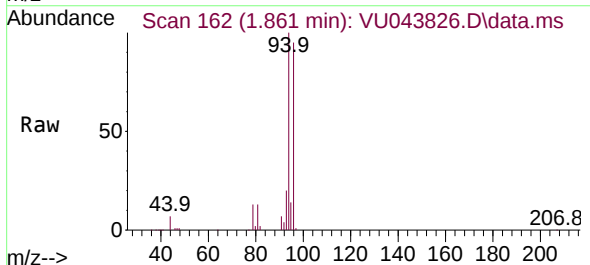
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005148

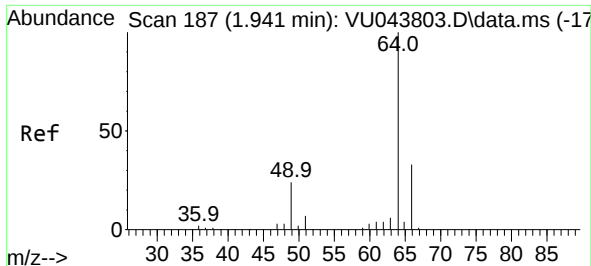
Tgt Ion: 62 Resp: 102710
 Ion Ratio Lower Upper
 62 100
 64 33.3 22.1 41.1



#6
 Bromomethane
 Concen: 4.65 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.003 min
 Lab File: VU043826.D
 Acq: 19 May 2021 14:31

Tgt Ion: 94 Resp: 57917
 Ion Ratio Lower Upper
 94 100
 96 95.4 65.0 120.8

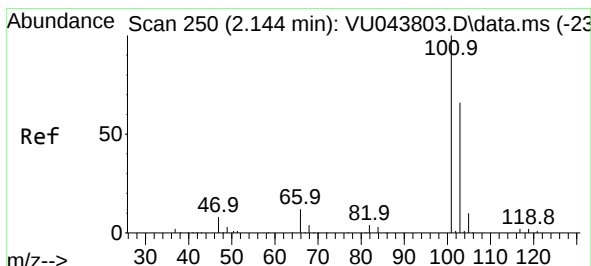
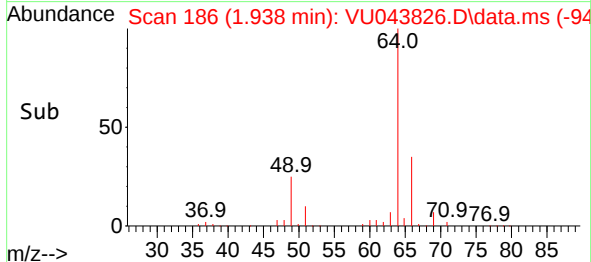
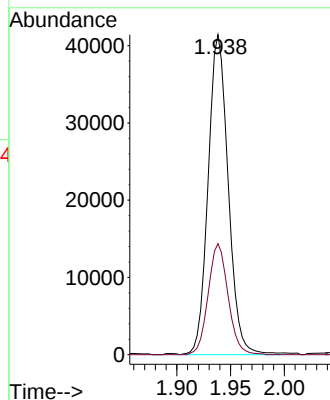
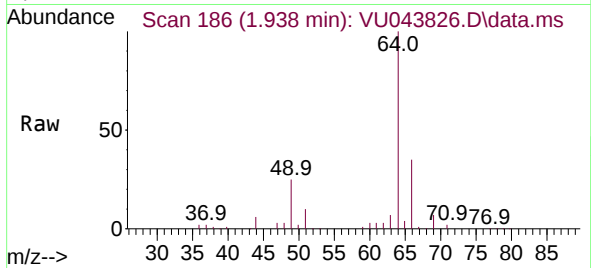




#8
Chloroethane
Concen: 4.53 ug/L
RT: 1.938 min Scan# 186
Delta R.T. -0.003 min
Lab File: VU043826.D
Acq: 19 May 2021 14:31

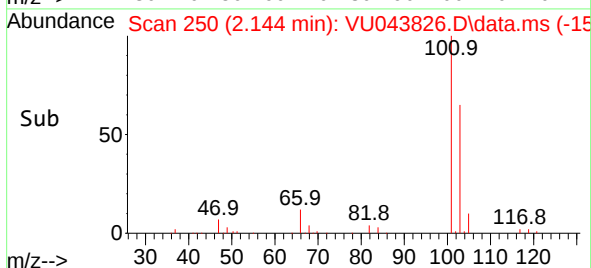
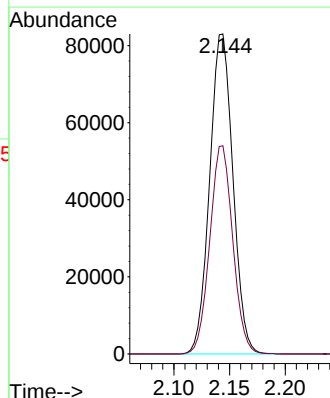
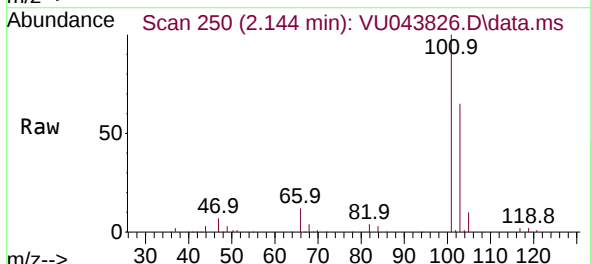
Instrument :
MSVOA_U
ClientSampleId :
VSTD005148

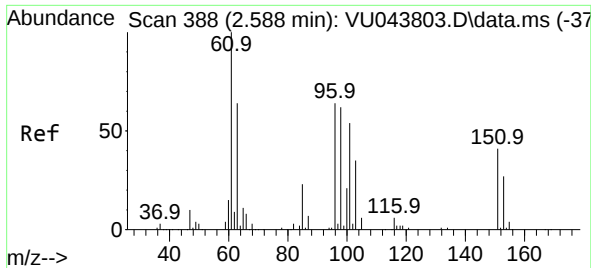
Tgt Ion: 64 Resp: 53839
Ion Ratio Lower Upper
64 100
66 34.7 23.4 43.6



#9
Trichlorofluoromethane
Concen: 4.92 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU043826.D
Acq: 19 May 2021 14:31

Tgt Ion:101 Resp: 120563
Ion Ratio Lower Upper
101 100
103 64.4 52.1 78.1

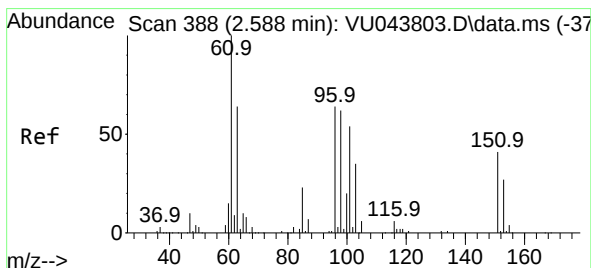
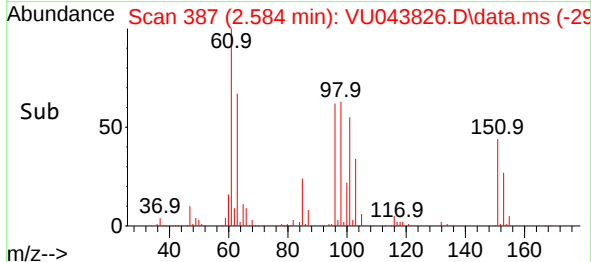
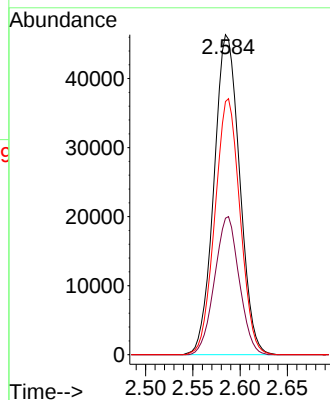
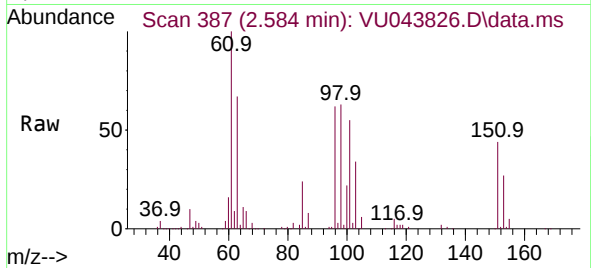




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.24 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.003 min
 Lab File: VU043826.D
 Acq: 19 May 2021 14:31

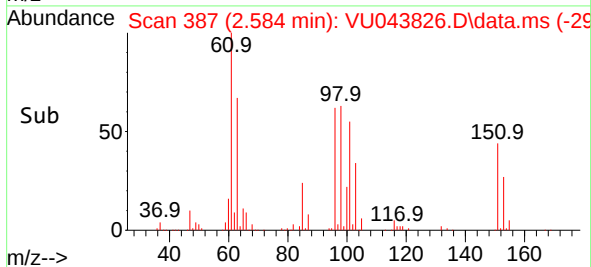
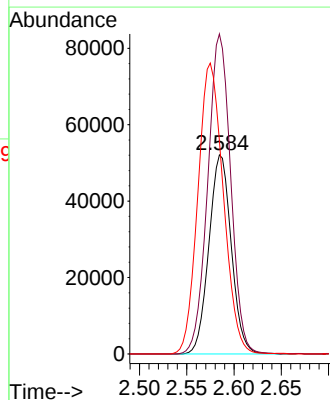
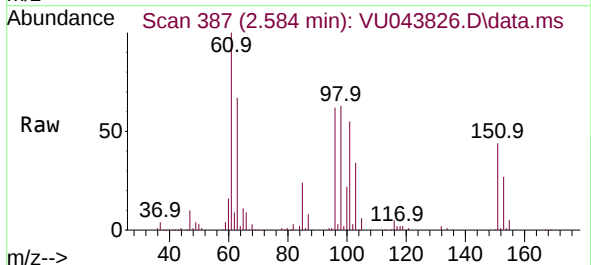
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005148

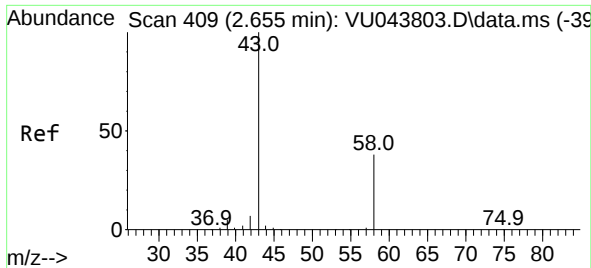
Tgt Ion:101 Resp: 87484
 Ion Ratio Lower Upper
 101 100
 85 41.4 34.3 51.5
 151 78.4 62.7 94.1



#12
 1,1-Dichloroethene
 Concen: 5.21 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.003 min
 Lab File: VU043826.D
 Acq: 19 May 2021 14:31

Tgt Ion: 96 Resp: 85655
 Ion Ratio Lower Upper
 96 100
 61 160.7 117.5 218.1
 63 107.1 77.3 143.7

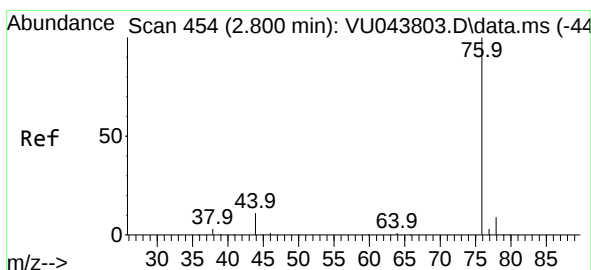
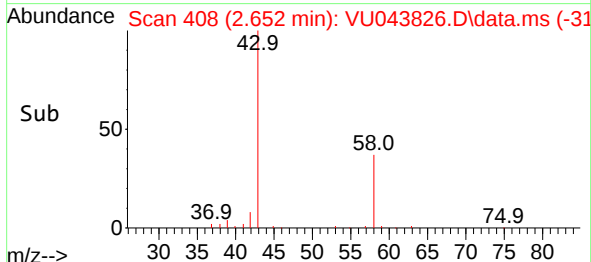
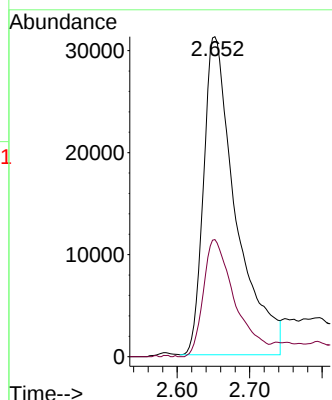
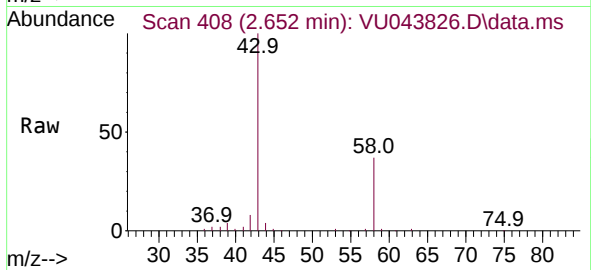




#13
Acetone
Concen: 43.53 ug/L
RT: 2.652 min Scan# 408
Delta R.T. -0.003 min
Lab File: VU043826.D
Acq: 19 May 2021 14:31

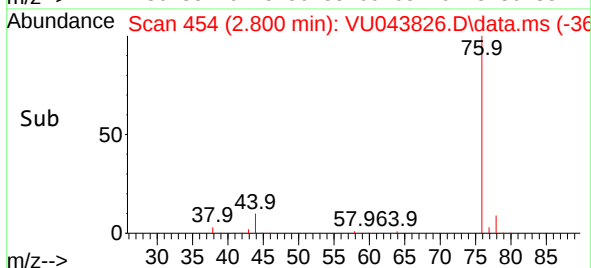
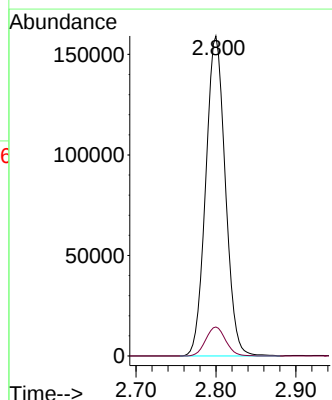
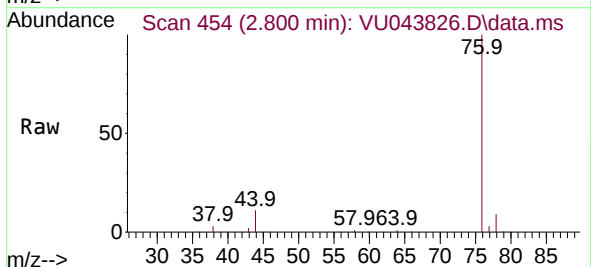
Instrument :
MSVOA_U
ClientSampleId :
VSTD005148

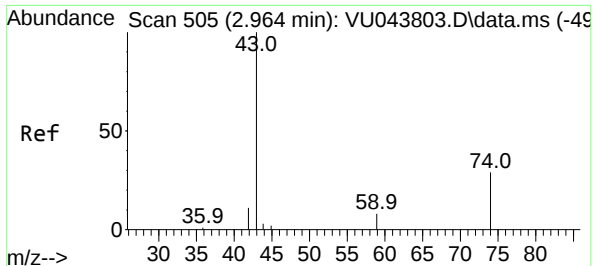
Tgt Ion: 43 Resp: 96454
Ion Ratio Lower Upper
43 100
58 36.0 0.0 71.6



#14
Carbon disulfide
Concen: 4.93 ug/L
RT: 2.800 min Scan# 454
Delta R.T. -0.000 min
Lab File: VU043826.D
Acq: 19 May 2021 14:31

Tgt Ion: 76 Resp: 271058
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

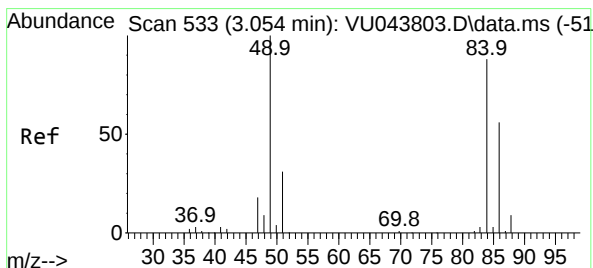
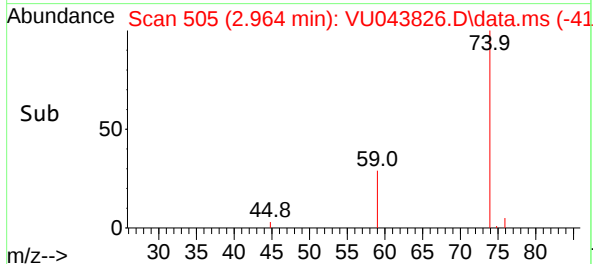
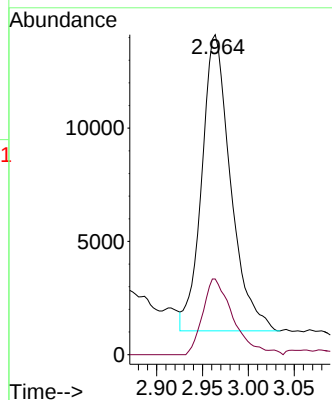
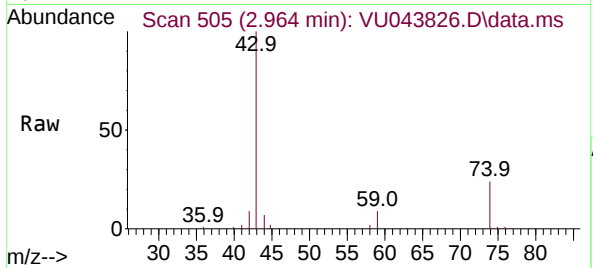




#15
Methyl Acetate
Concen: 4.34 ug/L
RT: 2.964 min Scan# 505
Delta R.T. -0.000 min
Lab File: VU043826.D
Acq: 19 May 2021 14:31

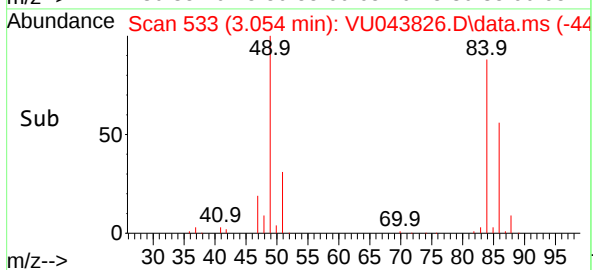
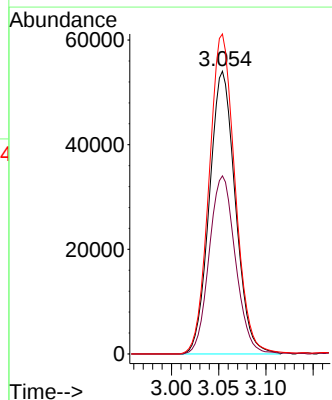
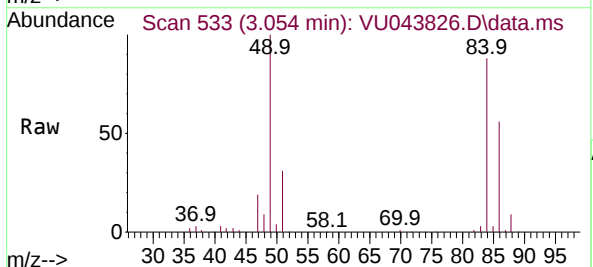
Instrument :
MSVOA_U
ClientSampleId :
VSTD005148

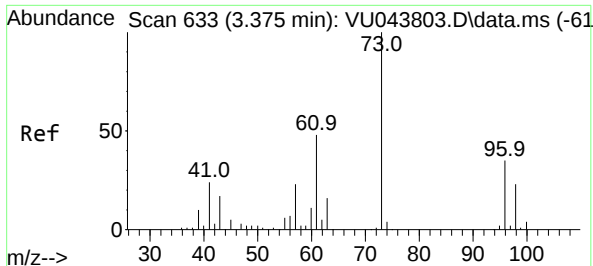
Tgt Ion: 43 Resp: 28637
Ion Ratio Lower Upper
43 100
74 26.9 19.3 28.9



#16
Methylene chloride
Concen: 4.23 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU043826.D
Acq: 19 May 2021 14:31

Tgt Ion: 84 Resp: 103228
Ion Ratio Lower Upper
84 100
86 63.0 44.7 82.9
49 113.2 83.1 154.3



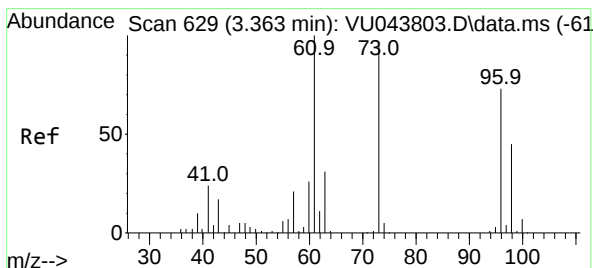
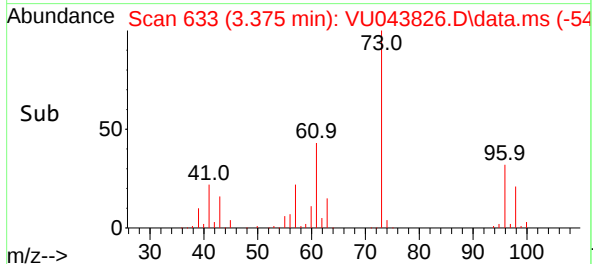
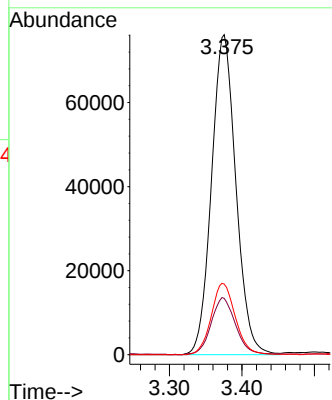
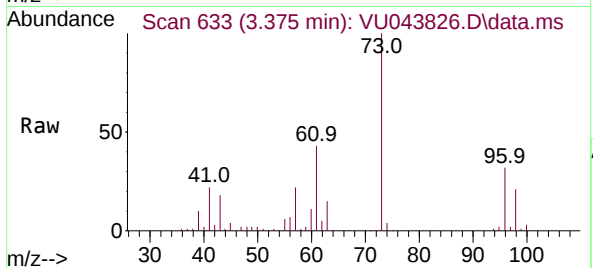


#17

Methyl tert-butyl Ether
 Concen: 4.79 ug/L
 RT: 3.375 min Scan# 633
 Delta R.T. -0.000 min
 Lab File: VU043826.D
 Acq: 19 May 2021 14:31

Instrument :
 MSVOA_U
 ClientSampled :
 VSTD005148

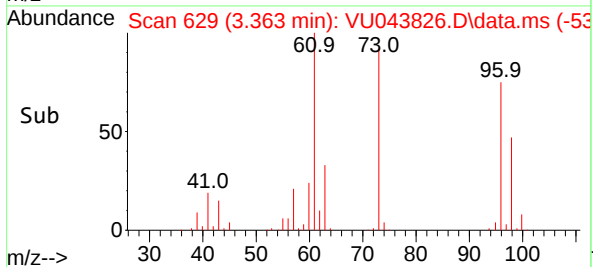
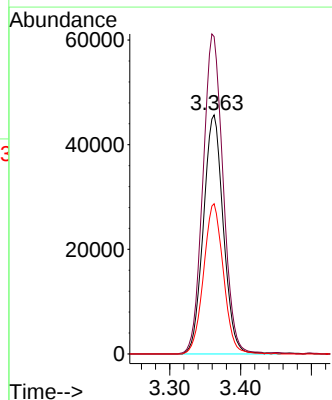
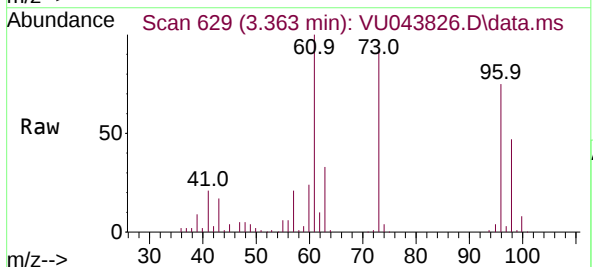
Tgt Ion:	73	Resp:	178062
Ion	Ratio	Lower	Upper
73	100		
43	17.9	15.0	22.4
57	22.0	18.6	27.8

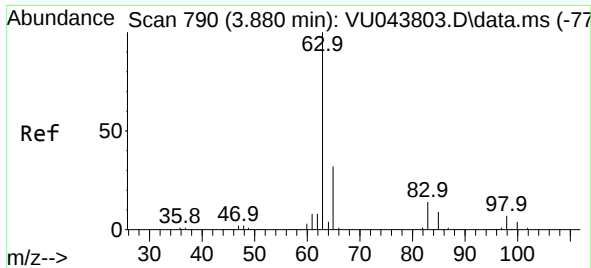


#18

trans-1,2-Dichloroethene
 Concen: 5.19 ug/L
 RT: 3.363 min Scan# 629
 Delta R.T. -0.000 min
 Lab File: VU043826.D
 Acq: 19 May 2021 14:31

Tgt Ion:	96	Resp:	89501
Ion	Ratio	Lower	Upper
96	100		
61	132.7	99.6	185.0
98	62.8	43.8	81.4

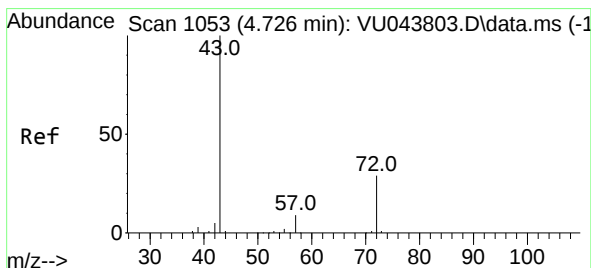
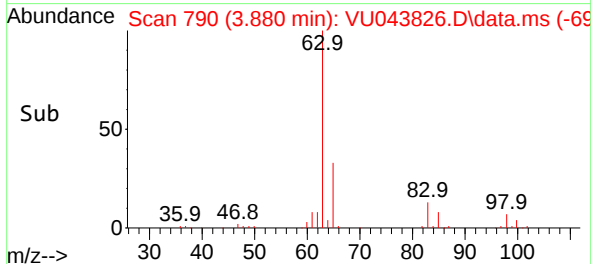
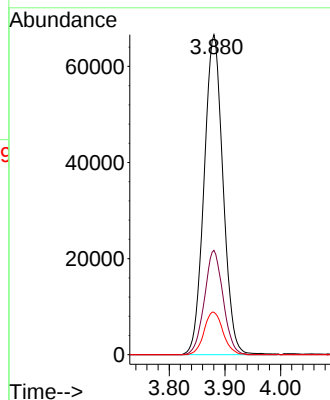
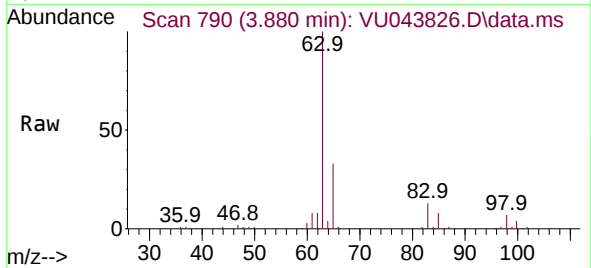




#19
1,1-Dichloroethane
Concen: 5.05 ug/L
RT: 3.880 min Scan# 790
Delta R.T. -0.000 min
Lab File: VU043826.D
Acq: 19 May 2021 14:31

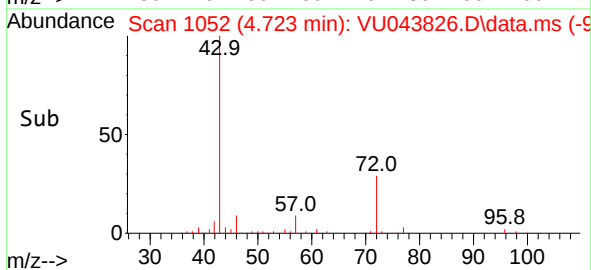
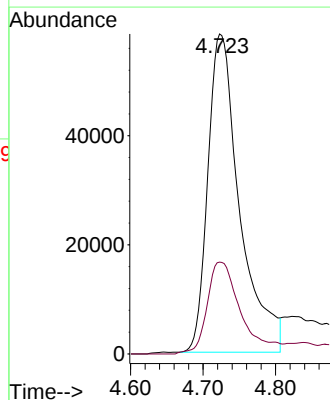
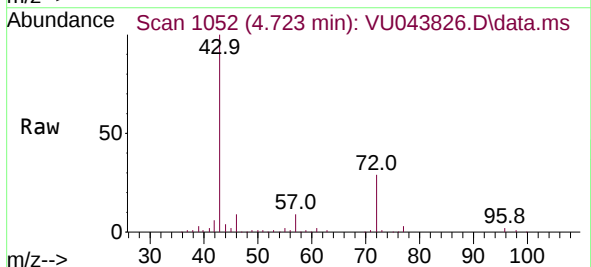
Instrument :
MSVOA_U
ClientSampleId :
VSTD005148

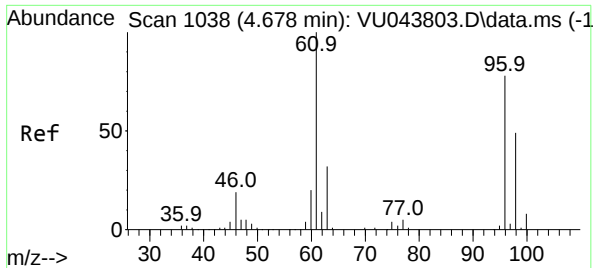
Tgt Ion:	63	Resp:	157509
Ion	Ratio	Lower	Upper
63	100		
65	32.6	22.3	41.3
83	13.3	9.0	16.8



#21
2-Butanone
Concen: 42.09 ug/L
RT: 4.723 min Scan# 1052
Delta R.T. -0.003 min
Lab File: VU043826.D
Acq: 19 May 2021 14:31

Tgt Ion:	43	Resp:	178367
Ion	Ratio	Lower	Upper
43	100		
72	29.5	14.5	43.6

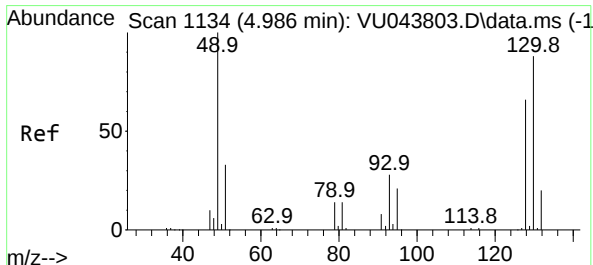
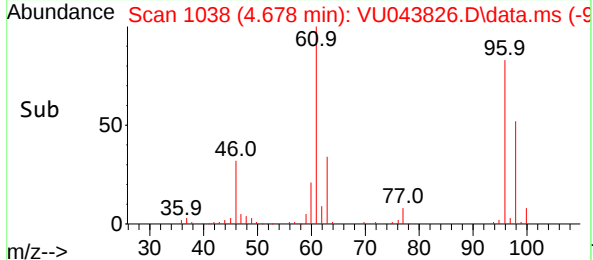
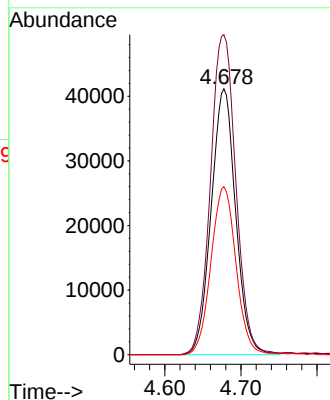
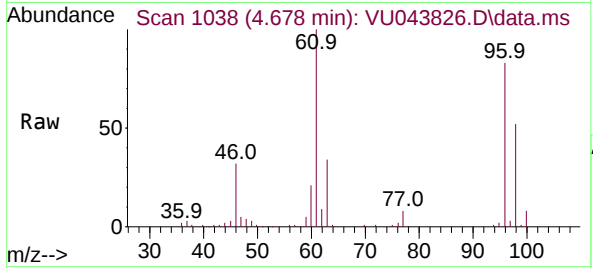




#22
cis-1,2-Dichloroethene
Concen: 5.09 ug/L
RT: 4.678 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VU043826.D
Acq: 19 May 2021 14:31

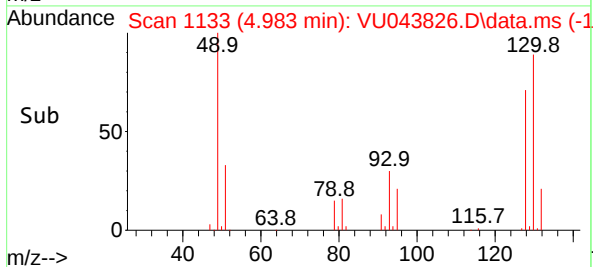
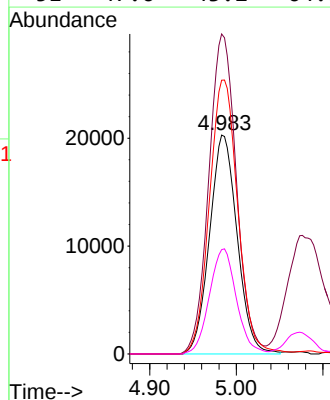
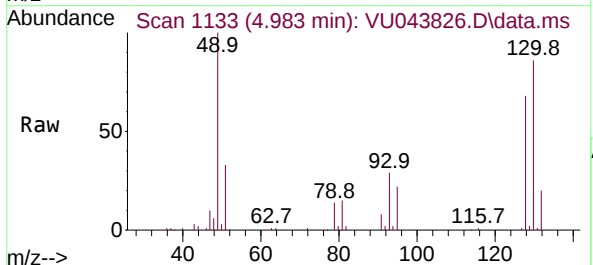
Instrument :
MSVOA_U
ClientSampled :
VSTD005148

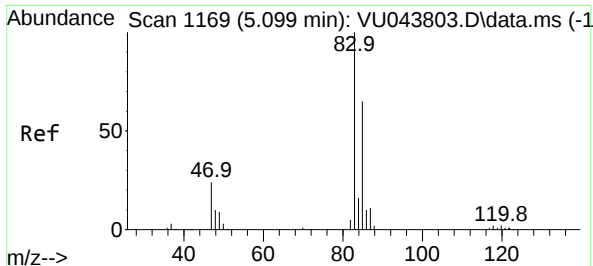
Tgt Ion:	96	Resp:	92353
Ion	Ratio	Lower	Upper
96	100		
61	120.3	89.0	165.4
98	63.2	44.9	83.3



#23
Bromochloromethane
Concen: 5.26 ug/L
RT: 4.983 min Scan# 1133
Delta R.T. -0.003 min
Lab File: VU043826.D
Acq: 19 May 2021 14:31

Tgt Ion:	128	Resp:	44930
Ion	Ratio	Lower	Upper
128	100		
49	146.2	114.7	212.9
130	125.0	91.7	170.3
51	47.6	43.2	64.8



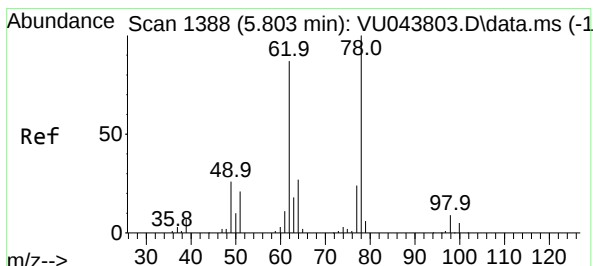
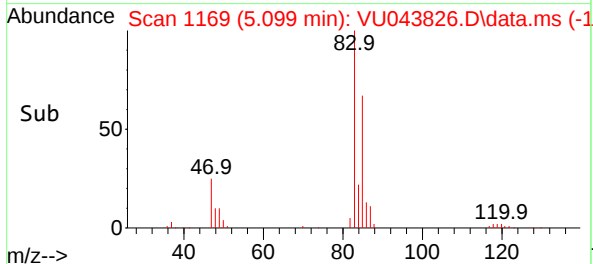
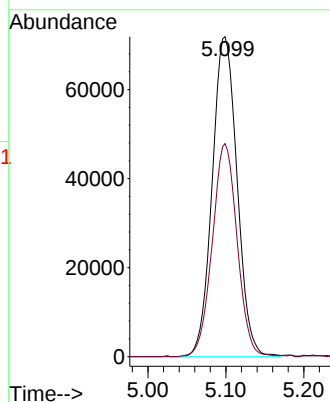
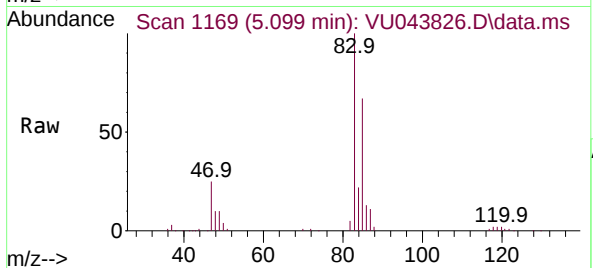


#25

Chloroform
Concen: 5.17 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU043826.D
Acq: 19 May 2021 14:31

Instrument :
MSVOA_U
ClientSampleId :
VSTD005148

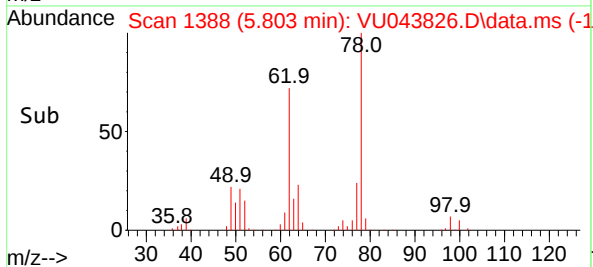
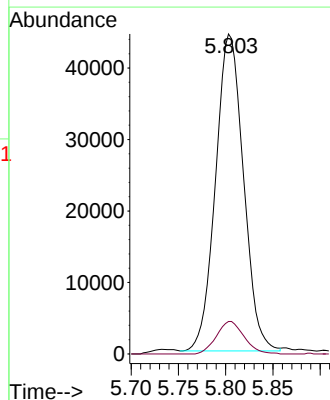
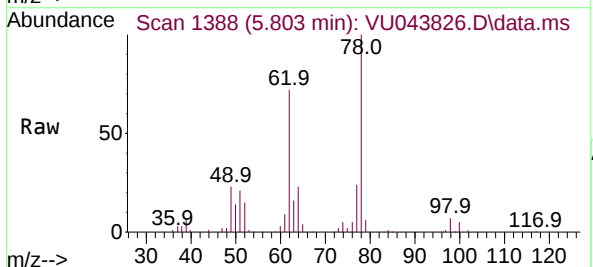
Tgt Ion: 83 Resp: 159742
Ion Ratio Lower Upper
83 100
85 66.6 45.0 83.6

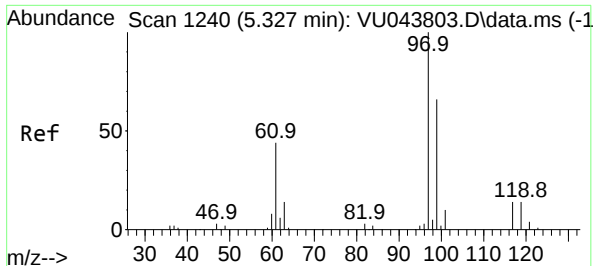


#27

1,2-Dichloroethane
Concen: 4.78 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VU043826.D
Acq: 19 May 2021 14:31

Tgt Ion: 62 Resp: 91045
Ion Ratio Lower Upper
62 100
98 10.2 7.7 11.5





#29

1,1,1-Trichloroethane

Concen: 5.21 ug/L

RT: 5.327 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VU043826.D

Acq: 19 May 2021 14:31

Tgt Ion: 97 Resp: 132850

Ion Ratio Lower Upper

97 100

99 63.3 51.1 76.7

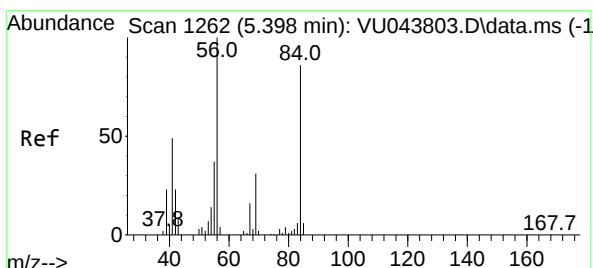
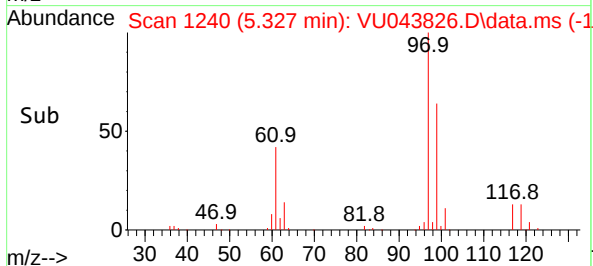
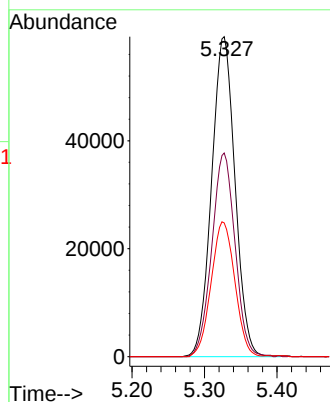
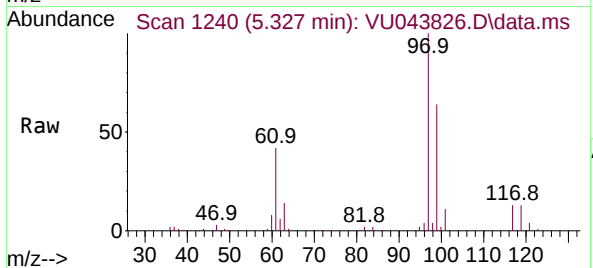
61 42.6 37.0 55.4

Instrument :

MSVOA_U

ClientSampleId :

VSTD005148



#30

Cyclohexane

Concen: 4.89 ug/L

RT: 5.398 min Scan# 1262

Delta R.T. -0.000 min

Lab File: VU043826.D

Acq: 19 May 2021 14:31

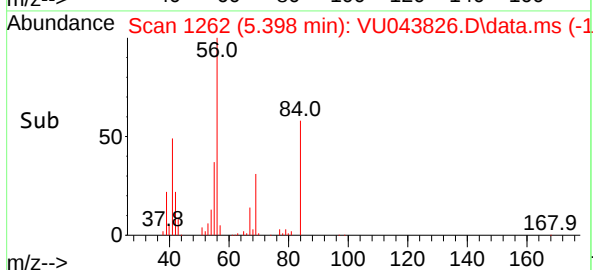
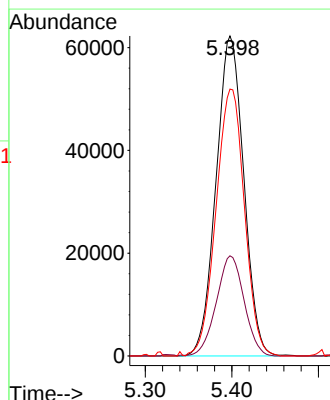
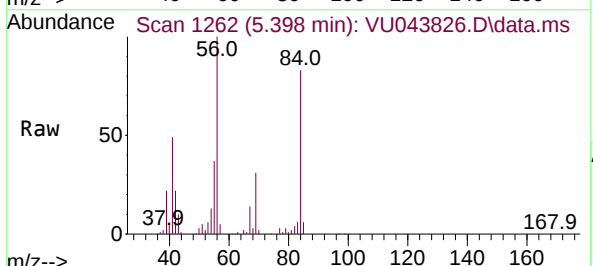
Tgt Ion: 56 Resp: 138367

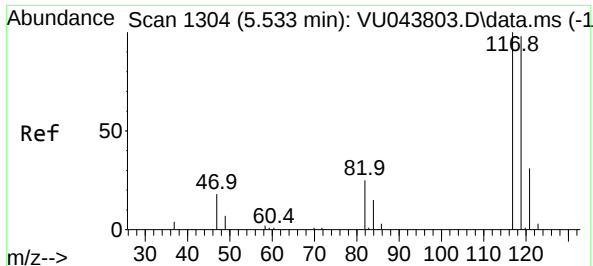
Ion Ratio Lower Upper

56 100

69 31.3 24.8 37.2

84 85.5 66.8 100.2

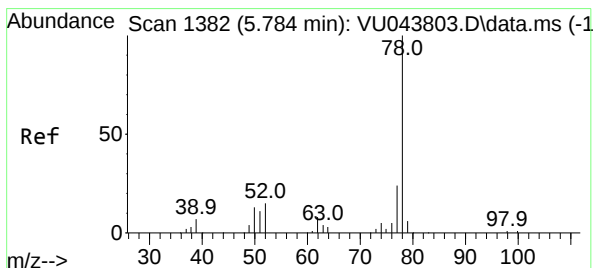
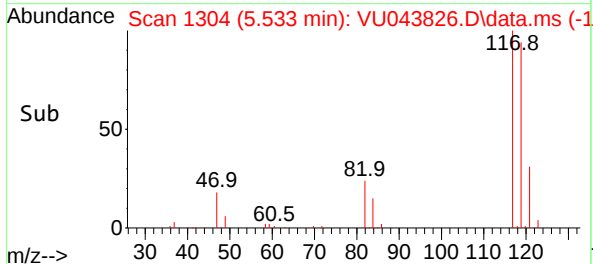
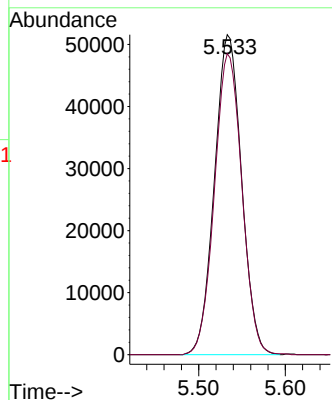
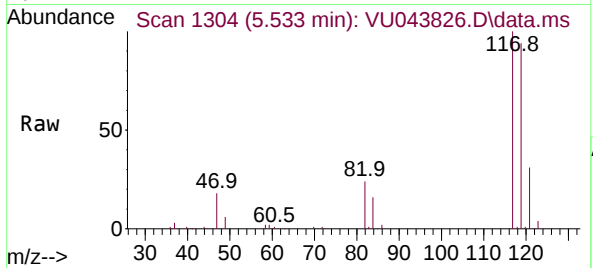




#31
Carbon tetrachloride
Concen: 5.26 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VU043826.D
Acq: 19 May 2021 14:31

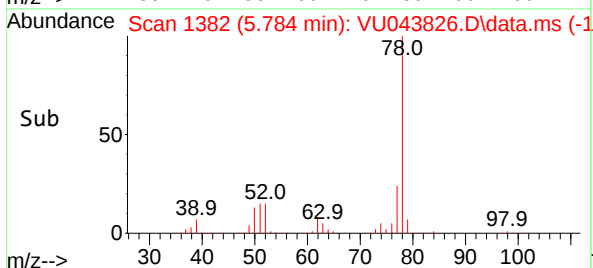
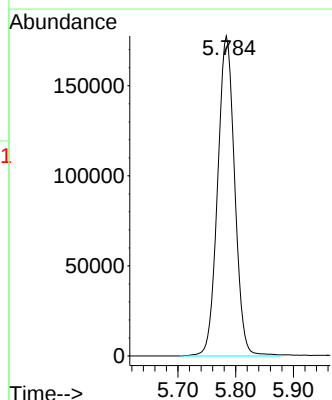
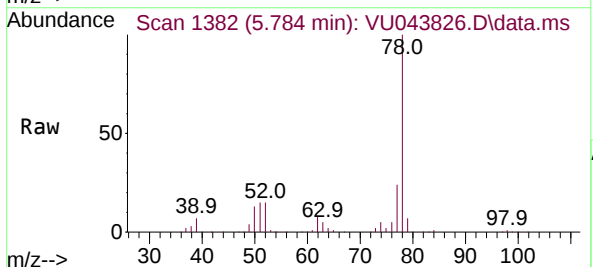
Instrument :
MSVOA_U
ClientSampleId :
VSTD005148

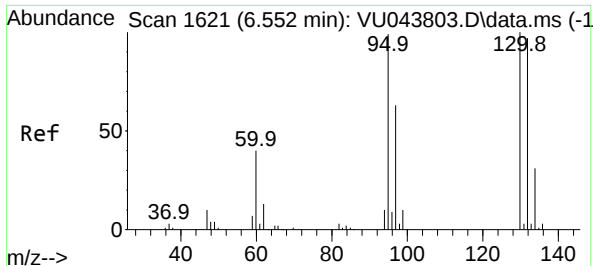
Tgt Ion:117 Resp: 112016
Ion Ratio Lower Upper
117 100
119 95.3 77.4 116.0



#33
Benzene
Concen: 5.16 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VU043826.D
Acq: 19 May 2021 14:31

Tgt Ion: 78 Resp: 365099



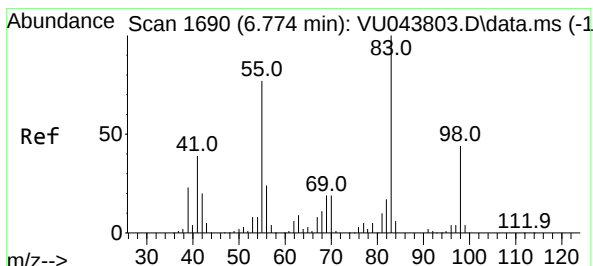
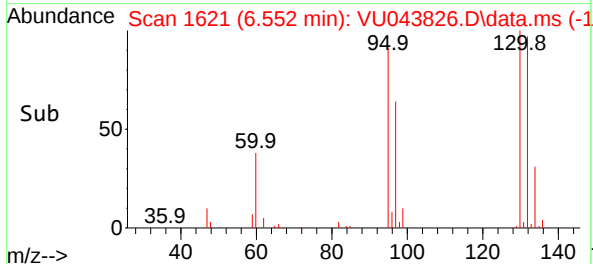
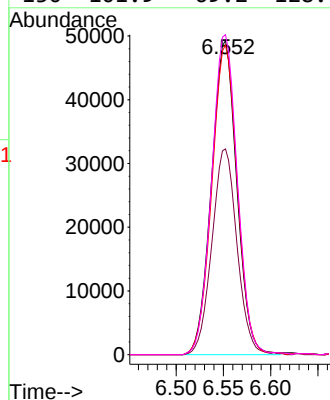
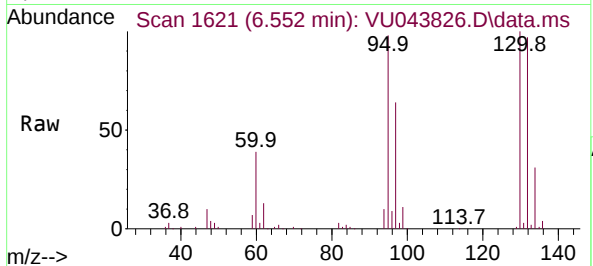


#34
Trichloroethene
Concen: 5.06 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VU043826.D
Acq: 19 May 2021 14:31

Instrument :
MSVOA_U
ClientSampleId :
VSTD005148

Tgt Ion: 95 Resp: 91860

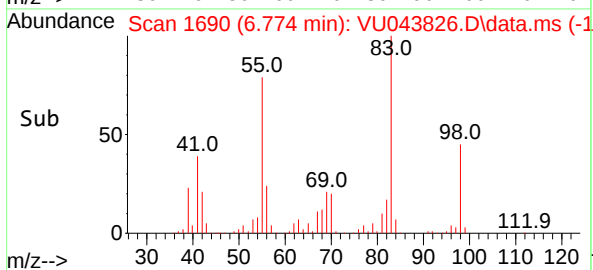
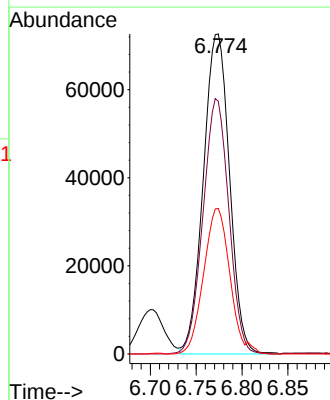
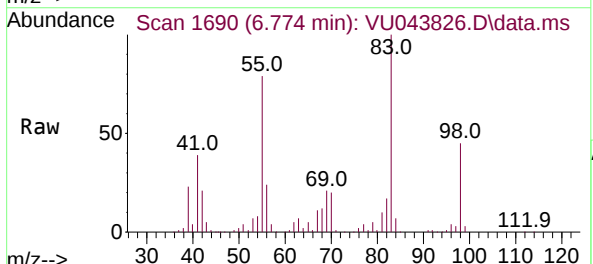
Ion	Ratio	Lower	Upper
95	100		
97	65.5	44.3	82.3
132	98.7	66.0	122.6
130	101.9	69.2	128.6

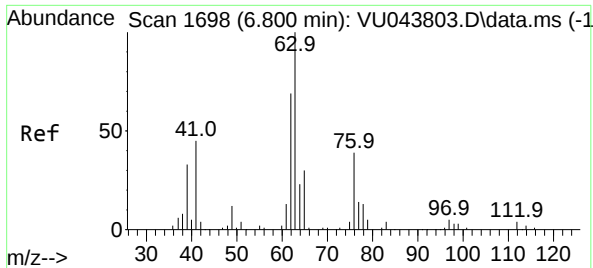


#35
Methylcyclohexane
Concen: 5.12 ug/L
RT: 6.774 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VU043826.D
Acq: 19 May 2021 14:31

Tgt Ion: 83 Resp: 144551

Ion	Ratio	Lower	Upper
83	100		
55	78.6	64.8	97.2
98	45.6	35.9	53.9

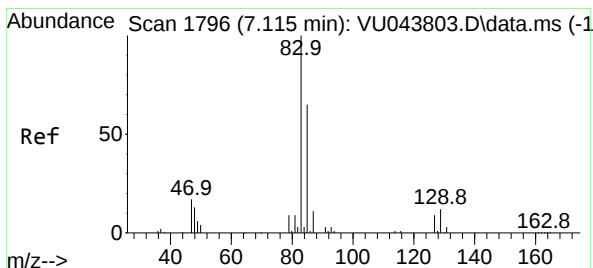
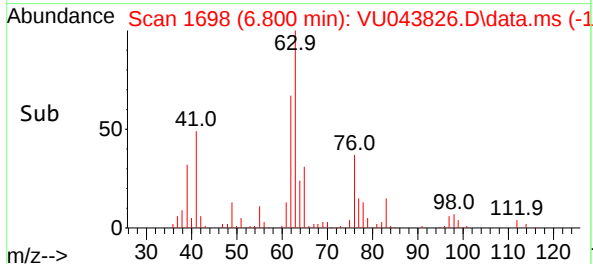
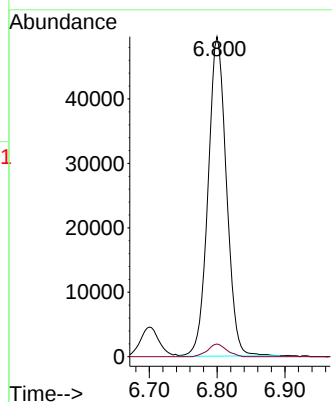
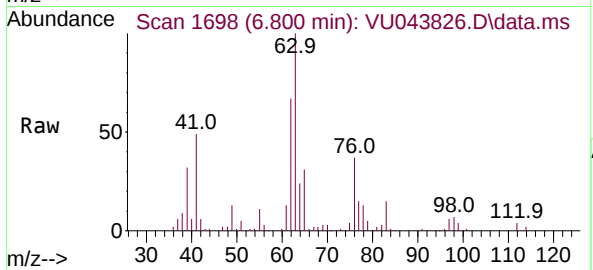




#37
1,2-Dichloropropane
Concen: 5.05 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VU043826.D
Acq: 19 May 2021 14:31

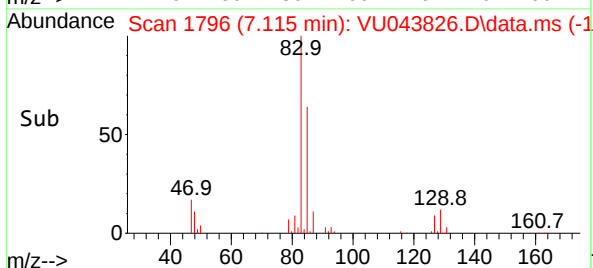
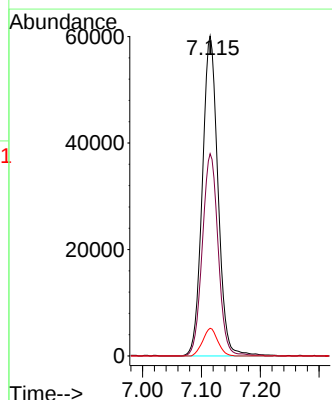
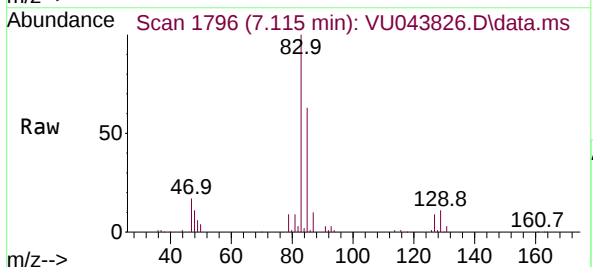
Instrument :
MSVOA_U
ClientSampled :
VSTD005148

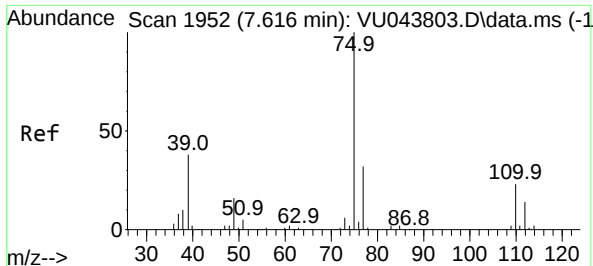
Tgt Ion: 63 Resp: 93494
Ion Ratio Lower Upper
63 100
112 4.1 3.3 4.9



#38
Bromodichloromethane
Concen: 5.14 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VU043826.D
Acq: 19 May 2021 14:31

Tgt Ion: 83 Resp: 110954
Ion Ratio Lower Upper
83 100
85 63.2 44.6 82.8
127 8.7 7.0 10.4

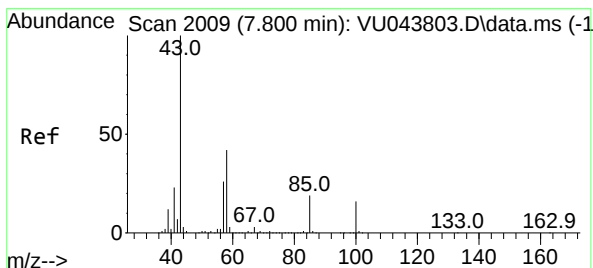
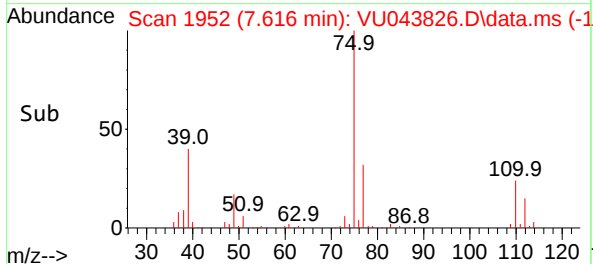
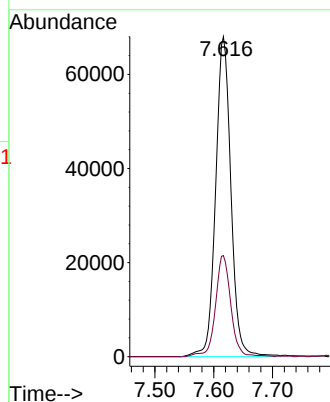
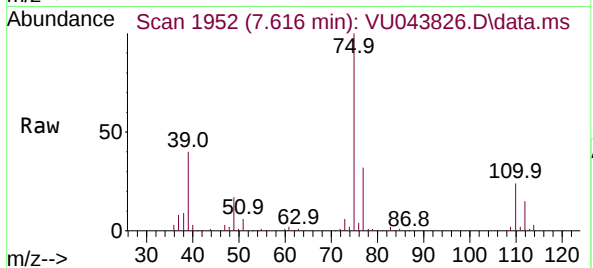




#39
 cis-1,3-Dichloropropene
 Concen: 5.00 ug/L
 RT: 7.616 min Scan# 1952
 Delta R.T. -0.000 min
 Lab File: VU043826.D
 Acq: 19 May 2021 14:31

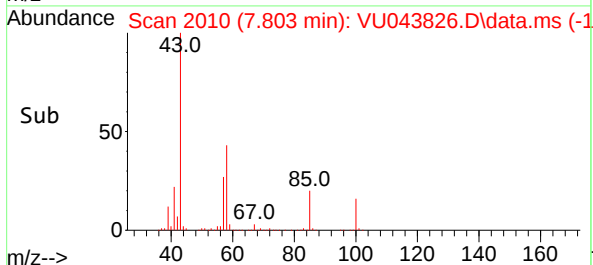
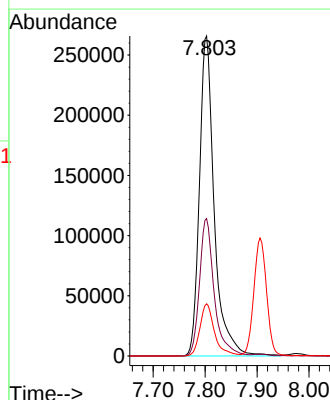
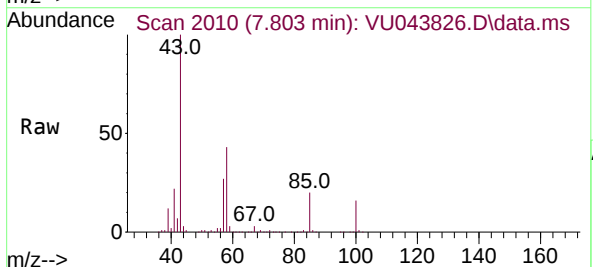
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005148

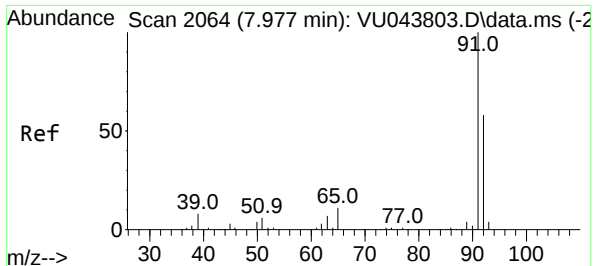
Tgt Ion: 75 Resp: 123017
 Ion Ratio Lower Upper
 75 100
 77 31.6 22.5 41.7



#40
 4-Methyl-2-pentanone
 Concen: 44.62 ug/L
 RT: 7.803 min Scan# 2010
 Delta R.T. 0.003 min
 Lab File: VU043826.D
 Acq: 19 May 2021 14:31

Tgt Ion: 43 Resp: 526487
 Ion Ratio Lower Upper
 43 100
 58 42.6 32.8 49.2
 100 16.0 11.9 17.9

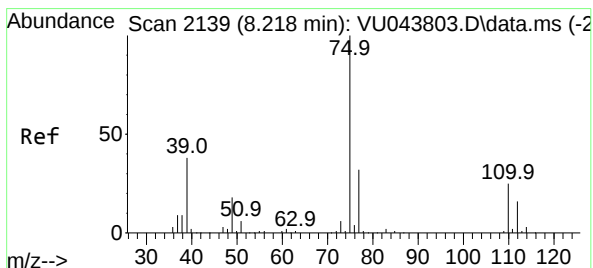
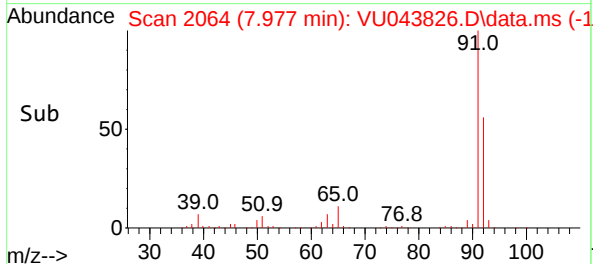
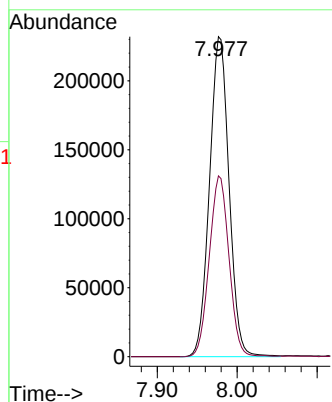
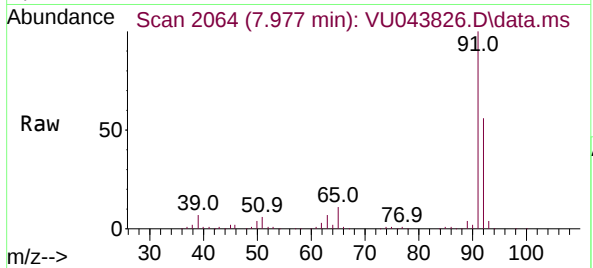




#42
Toluene
Concen: 5.30 ug/L
RT: 7.977 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU043826.D
Acq: 19 May 2021 14:31

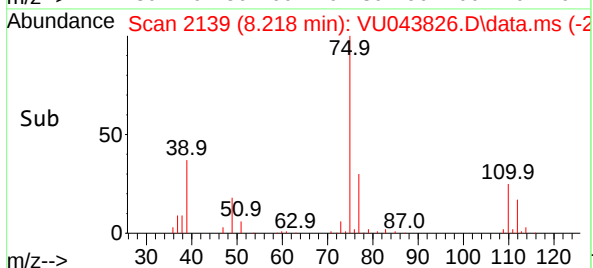
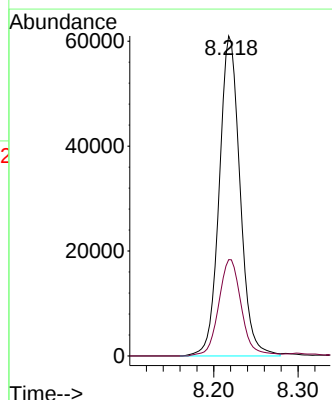
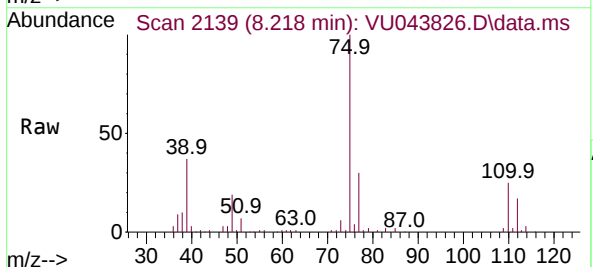
Instrument :
MSVOA_U
ClientSampleId :
VSTD005148

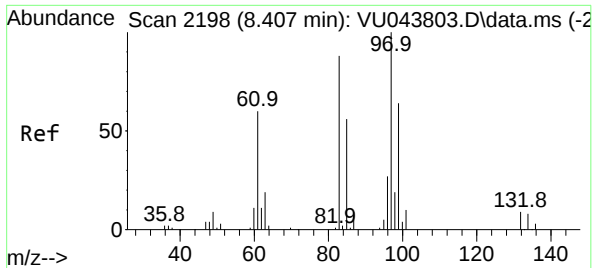
Tgt Ion: 91 Resp: 394075
Ion Ratio Lower Upper
91 100
92 56.5 40.3 74.8



#44
trans-1,3-Dichloropropene
Concen: 4.91 ug/L
RT: 8.218 min Scan# 2139
Delta R.T. -0.000 min
Lab File: VU043826.D
Acq: 19 May 2021 14:31

Tgt Ion: 75 Resp: 104215
Ion Ratio Lower Upper
75 100
77 30.1 21.5 39.9

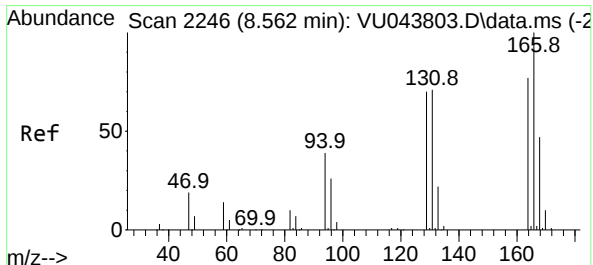
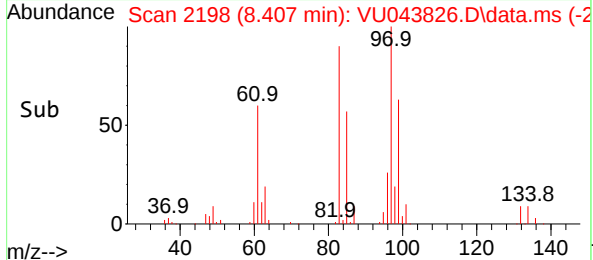
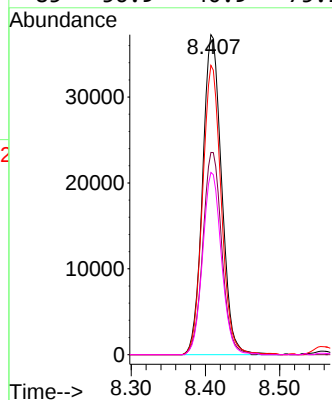
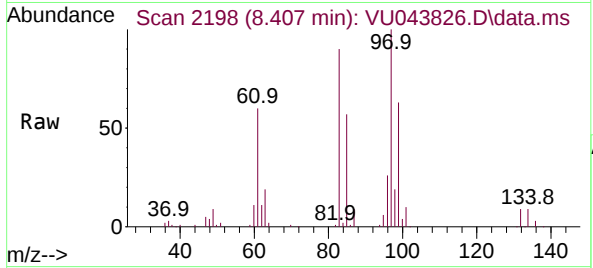




#45
1,1,2-Trichloroethane
Concen: 4.98 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. -0.000 min
Lab File: VU043826.D
Acq: 19 May 2021 14:31

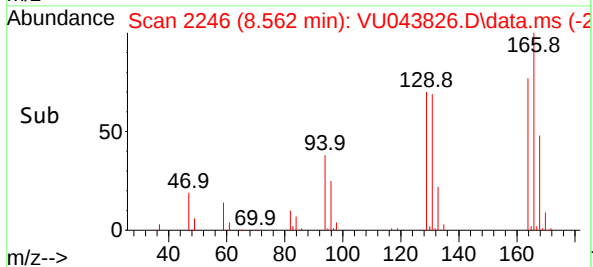
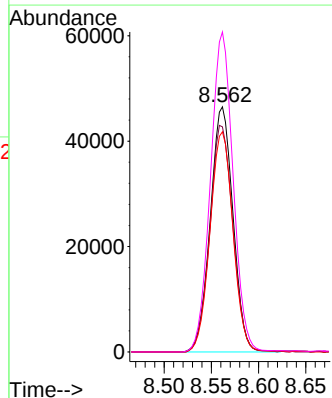
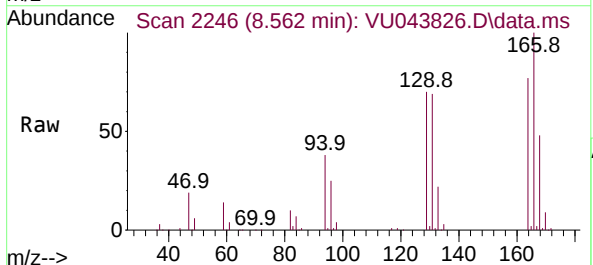
Instrument :
MSVOA_U
ClientSampleId :
VSTD005148

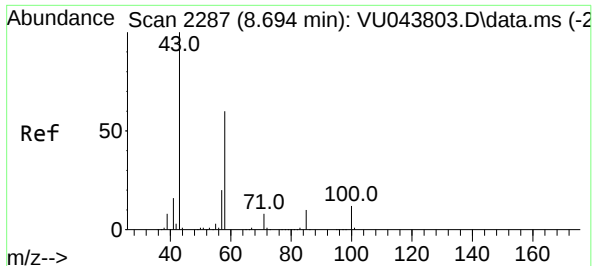
Tgt Ion:	97	Resp:	66242
Ion	Ratio	Lower	Upper
97	100		
99	63.2	43.8	81.4
83	90.4	62.5	116.1
85	56.9	40.9	75.9



#47
Tetrachloroethene
Concen: 5.31 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU043826.D
Acq: 19 May 2021 14:31

Tgt Ion:	164	Resp:	77945
Ion	Ratio	Lower	Upper
164	100		
129	91.8	64.1	119.1
131	89.8	61.2	113.8
166	130.5	87.8	163.2

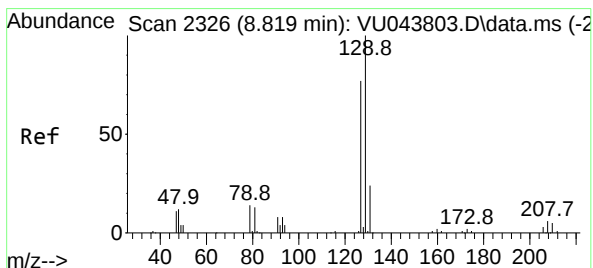
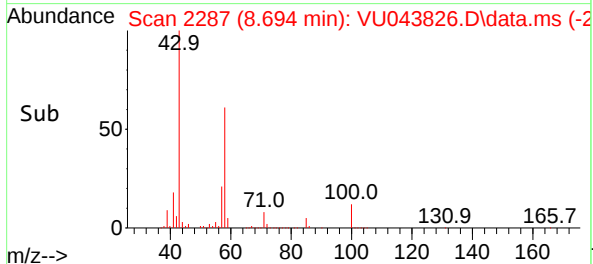
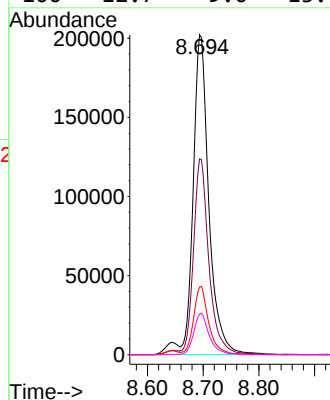
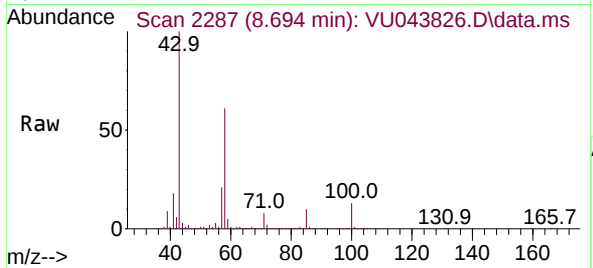




#48
2-Hexanone
Concen: 44.71 ug/L
RT: 8.694 min Scan# 2287
Delta R.T. -0.000 min
Lab File: VU043826.D
Acq: 19 May 2021 14:31

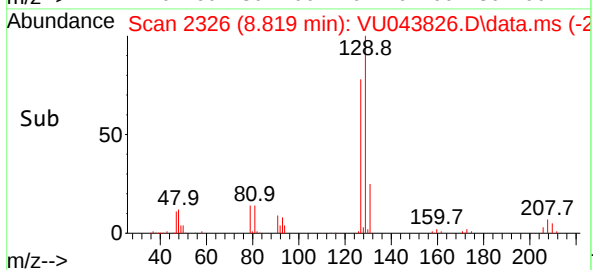
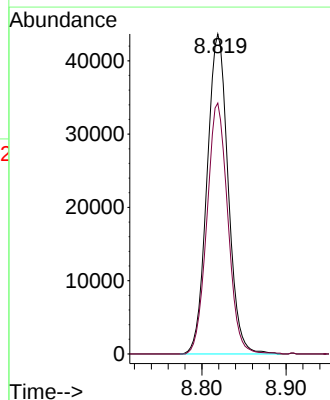
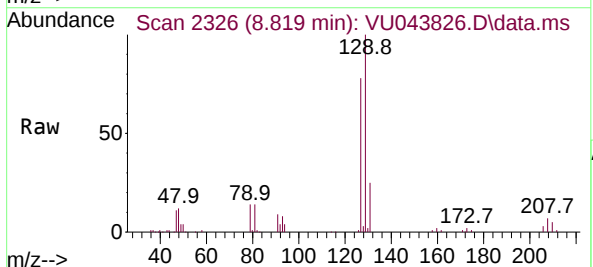
Instrument :
MSVOA_U
ClientSampleId :
VSTD005148

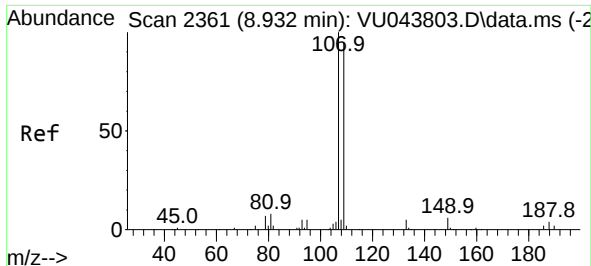
Tgt Ion:	43	Resp:	391357
Ion	Ratio	Lower	Upper
43	100		
58	60.4	47.0	70.4
57	21.0	15.8	23.8
100	12.7	9.0	13.4



#49
Dibromochloromethane
Concen: 5.12 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VU043826.D
Acq: 19 May 2021 14:31

Tgt Ion:	129	Resp:	75980
Ion	Ratio	Lower	Upper
129	100		
127	78.4	53.4	99.2





#50

1,2-Dibromoethane

Concen: 5.00 ug/L

RT: 8.931 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VU043826.D

Acq: 19 May 2021 14:31

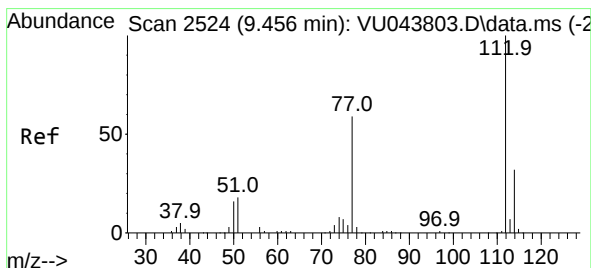
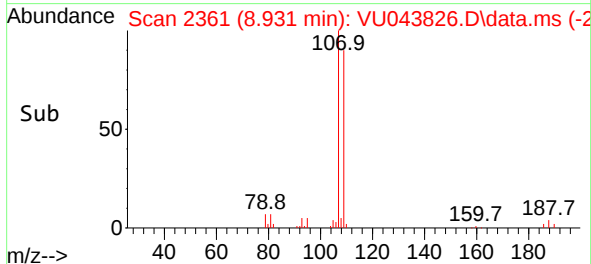
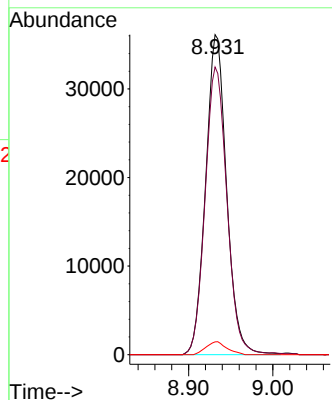
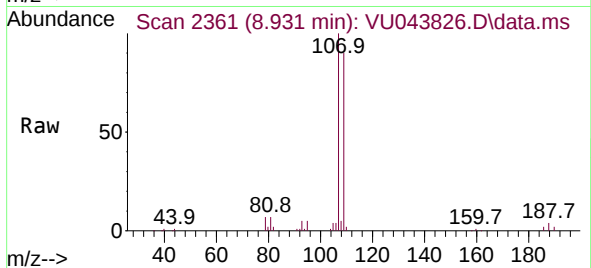
Instrument :

MSVOA_U

ClientSampleId :

VSTD005148

Tgt Ion:	107	Resp:	62558
Ion	Ratio	Lower	Upper
107	100		
109	89.9	67.7	125.7
188	4.0	3.3	4.9



#51

Chlorobenzene

Concen: 5.17 ug/L

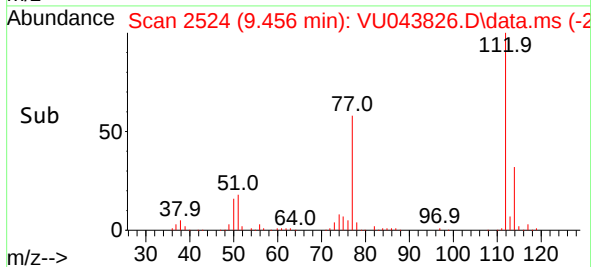
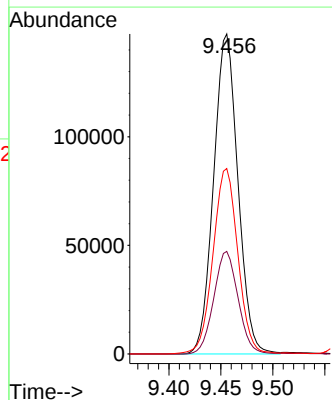
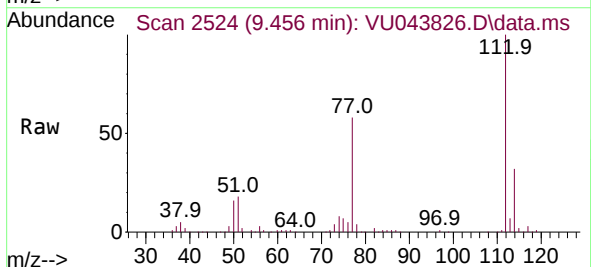
RT: 9.456 min Scan# 2524

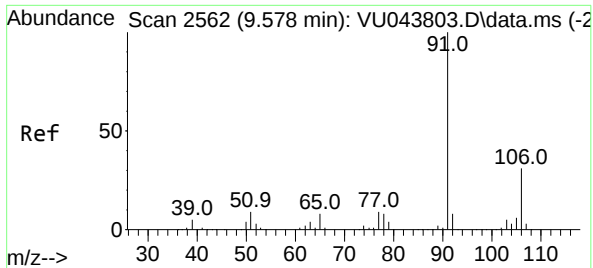
Delta R.T. -0.000 min

Lab File: VU043826.D

Acq: 19 May 2021 14:31

Tgt Ion:	112	Resp:	239829
Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.3	41.5
77	57.9	47.8	71.8

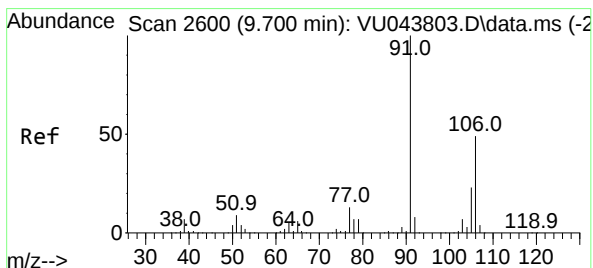
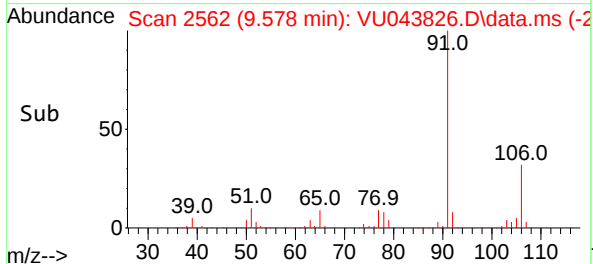
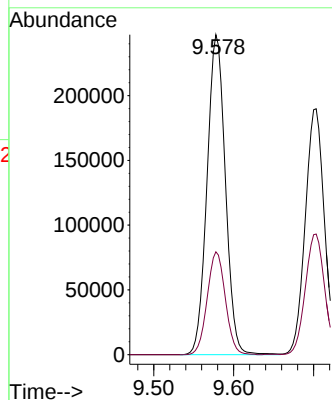
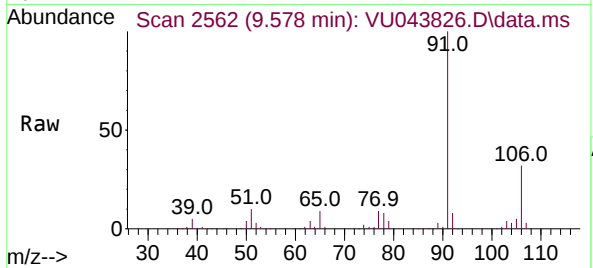




#52
Ethylbenzene
Concen: 5.19 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU043826.D
Acq: 19 May 2021 14:31

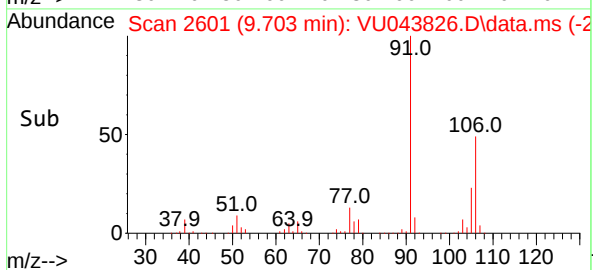
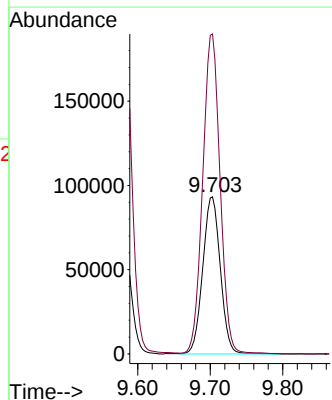
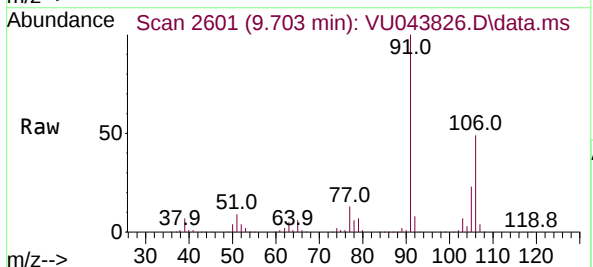
Instrument :
MSVOA_U
ClientSampleId :
VSTD005148

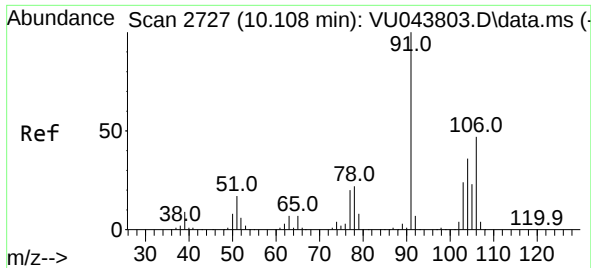
Tgt Ion: 91 Resp: 394680
Ion Ratio Lower Upper
91 100
106 32.2 21.7 40.3



#53
m,p-Xylene
Concen: 5.42 ug/L
RT: 9.703 min Scan# 2601
Delta R.T. 0.003 min
Lab File: VU043826.D
Acq: 19 May 2021 14:31

Tgt Ion: 106 Resp: 156829
Ion Ratio Lower Upper
106 100
91 203.7 144.4 268.2

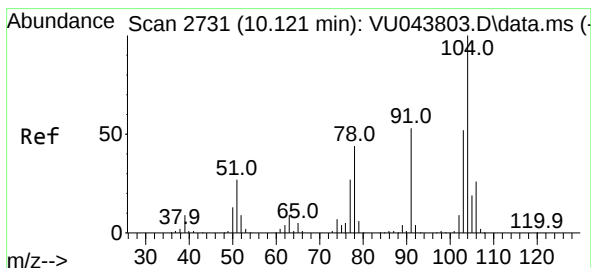
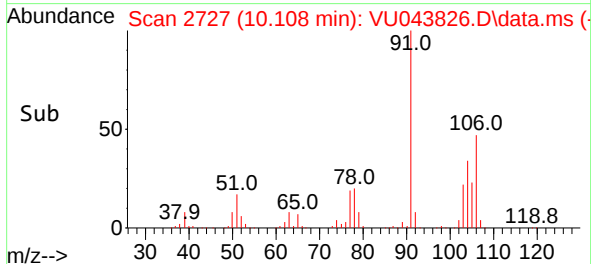
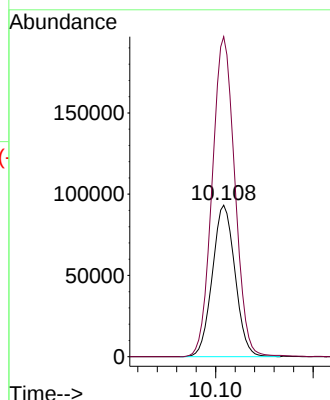
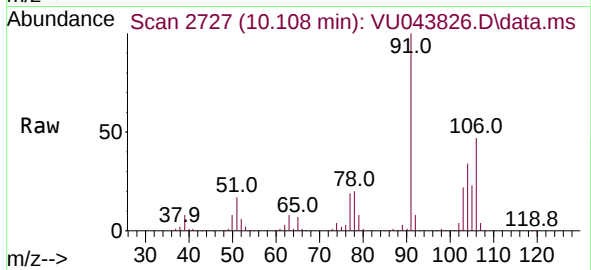




#54
o-Xylene
Concen: 5.46 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. -0.000 min
Lab File: VU043826.D
Acq: 19 May 2021 14:31

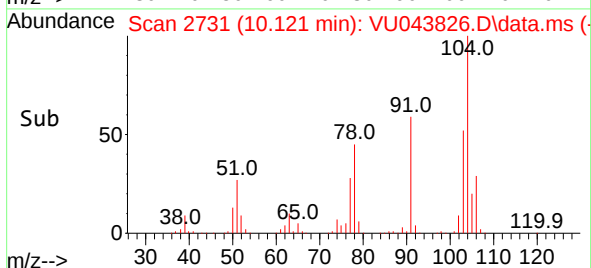
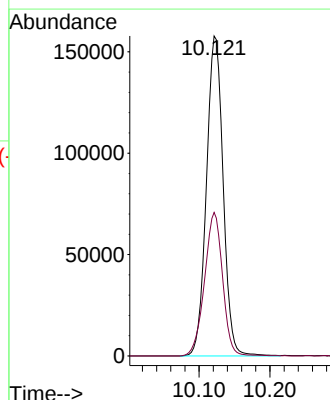
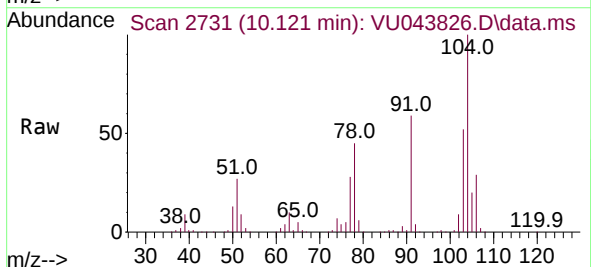
Instrument :
MSVOA_U
ClientSampled :
VSTD005148

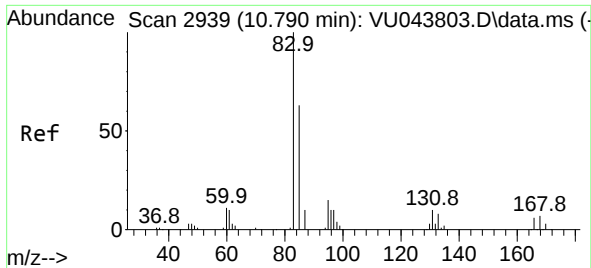
Tgt Ion:106 Resp: 150690
Ion Ratio Lower Upper
106 100
91 211.3 150.8 280.0



#55
Styrene
Concen: 5.56 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. -0.000 min
Lab File: VU043826.D
Acq: 19 May 2021 14:31

Tgt Ion:104 Resp: 258921
Ion Ratio Lower Upper
104 100
78 44.8 31.8 59.0

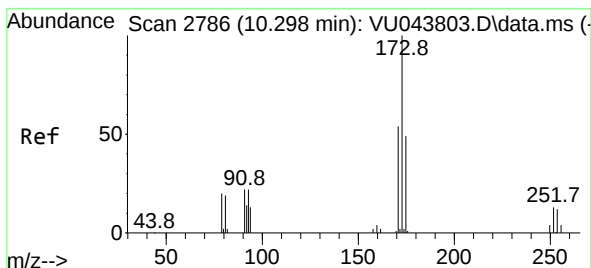
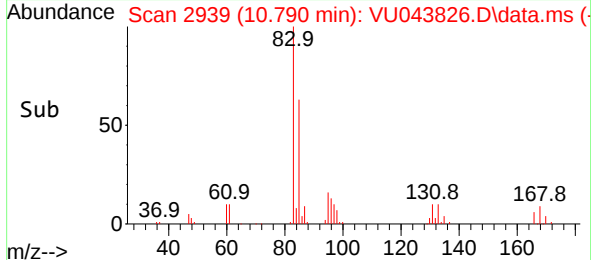
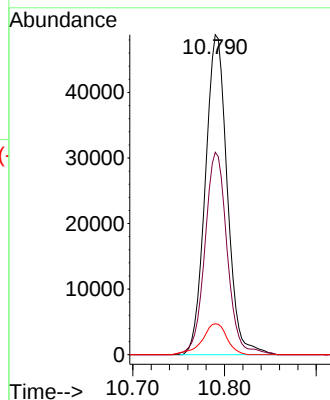
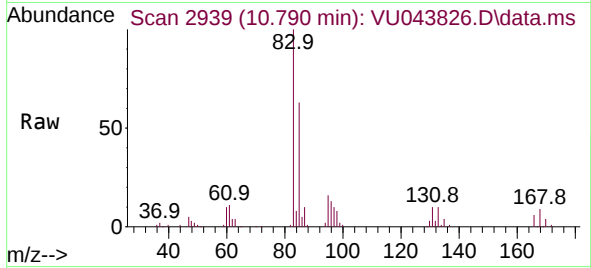




#57
1,1,2,2-Tetrachloroethane
Concen: 4.80 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. -0.000 min
Lab File: VU043826.D
Acq: 19 May 2021 14:31

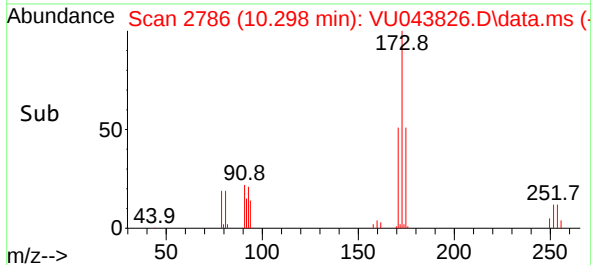
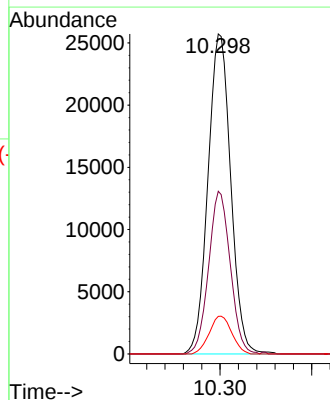
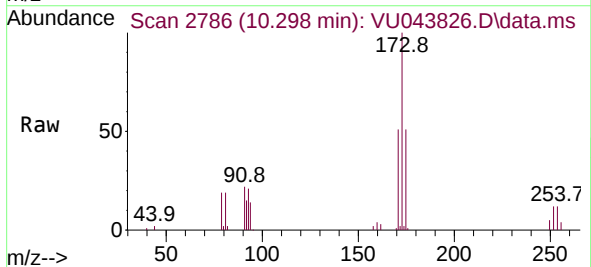
Instrument :
MSVOA_U
ClientSampleId :
VSTD005148

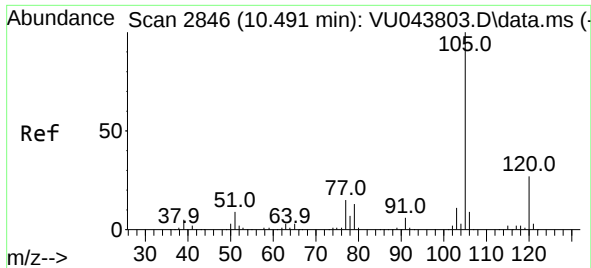
Tgt Ion:	83	Resp:	80960
Ion	Ratio	Lower	Upper
83	100		
85	63.3	45.1	83.7
131	9.7	7.6	11.4



#59
Bromoform
Concen: 4.91 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. -0.000 min
Lab File: VU043826.D
Acq: 19 May 2021 14:31

Tgt Ion:	173	Resp:	44329
Ion	Ratio	Lower	Upper
173	100		
175	48.2	38.8	58.2
254	11.7	9.4	14.2

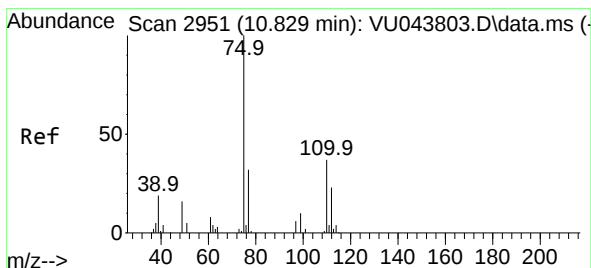
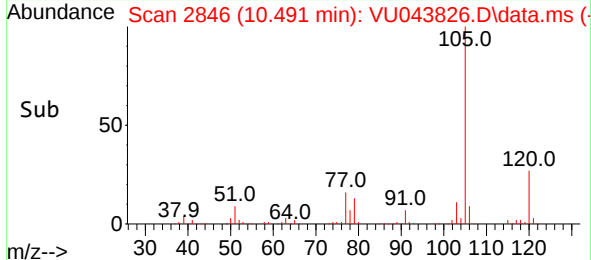
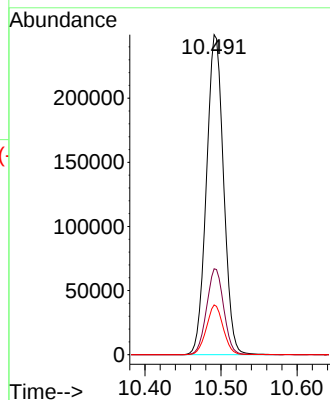
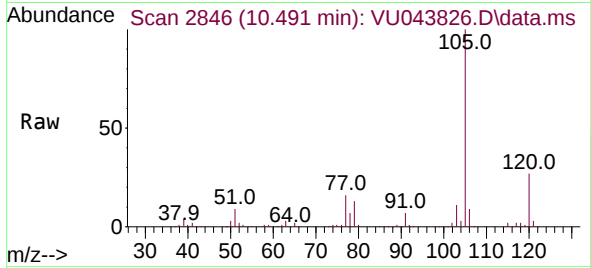




#60
Isopropylbenzene
Concen: 5.29 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. -0.000 min
Lab File: VU043826.D
Acq: 19 May 2021 14:31

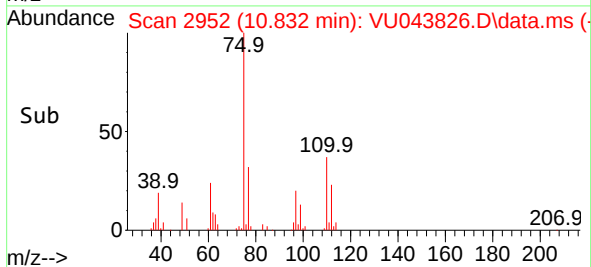
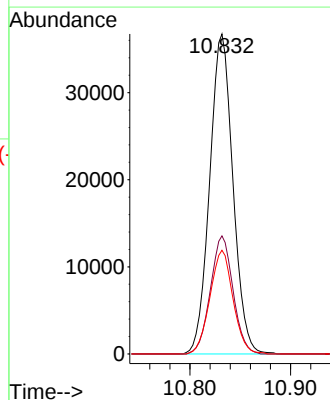
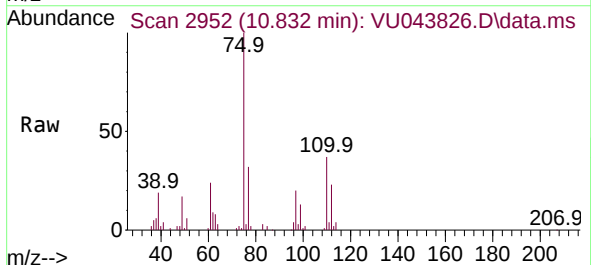
Instrument :
MSVOA_U
ClientSampleId :
VSTD005148

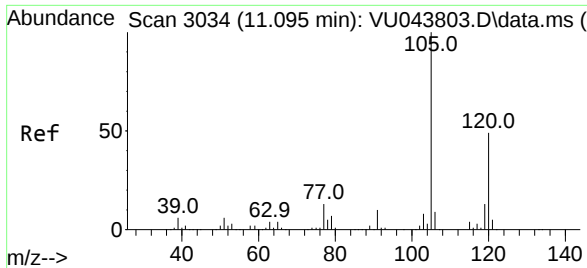
Tgt Ion:105 Resp: 389828
Ion Ratio Lower Upper
105 100
120 26.8 21.3 31.9
77 15.3 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 4.61 ug/L
RT: 10.832 min Scan# 2952
Delta R.T. 0.003 min
Lab File: VU043826.D
Acq: 19 May 2021 14:31

Tgt Ion: 75 Resp: 58989
Ion Ratio Lower Upper
75 100
110 35.9 27.9 41.9
77 32.2 25.9 38.9

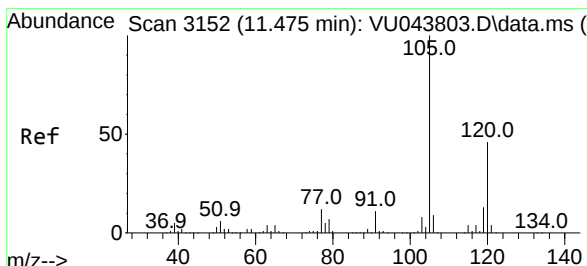
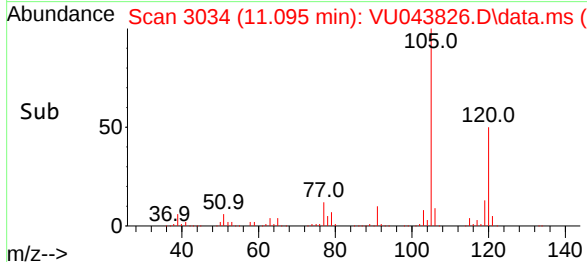
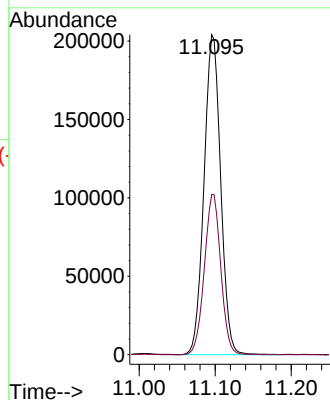
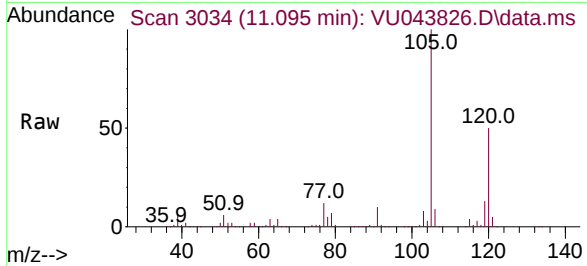




#62
1,3,5-Trimethylbenzene
Concen: 5.25 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU043826.D
Acq: 19 May 2021 14:31

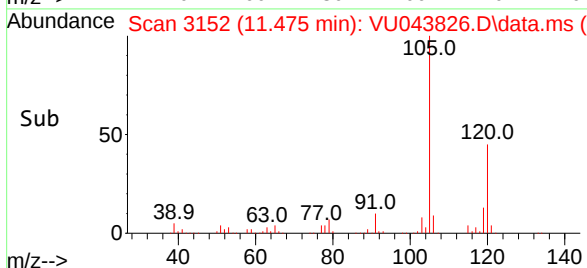
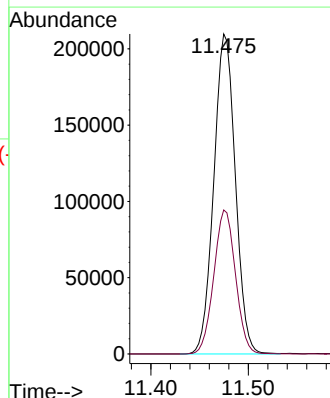
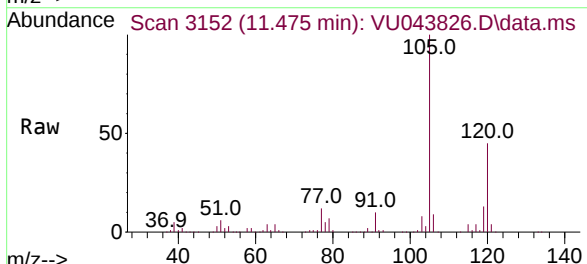
Instrument :
MSVOA_U
ClientSampleId :
VSTD005148

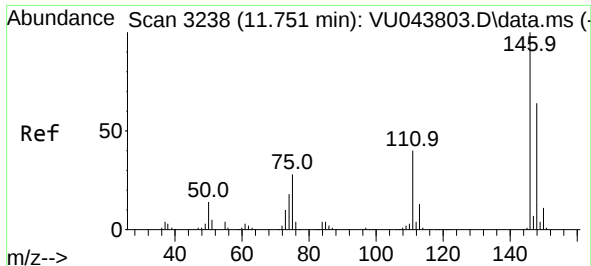
Tgt Ion:105 Resp: 310907
Ion Ratio Lower Upper
105 100
120 49.4 38.9 58.3



#63
1,2,4-Trimethylbenzene
Concen: 5.31 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU043826.D
Acq: 19 May 2021 14:31

Tgt Ion:105 Resp: 322058
Ion Ratio Lower Upper
105 100
120 45.3 36.0 54.0

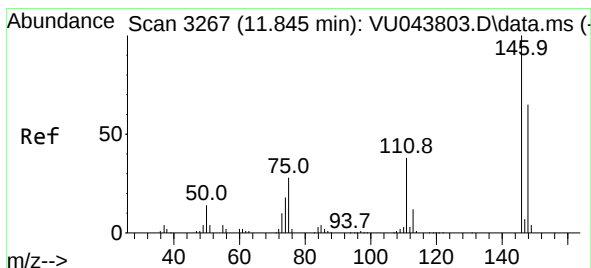
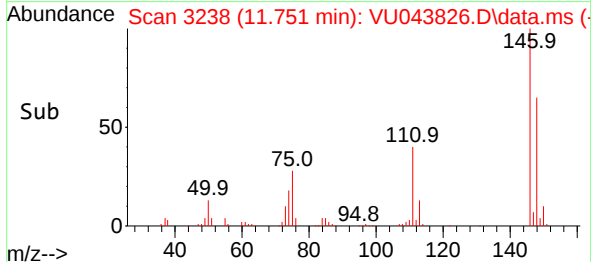
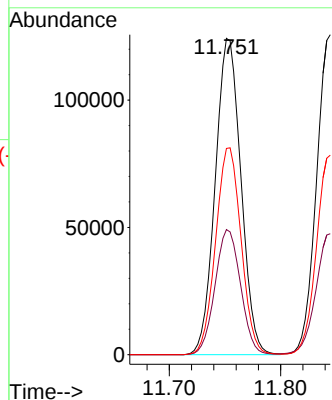
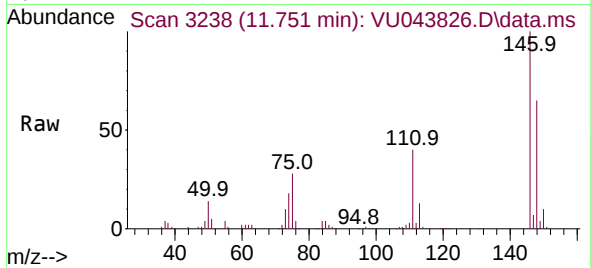




#64
1,3-Dichlorobenzene
Concen: 5.25 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. -0.000 min
Lab File: VU043826.D
Acq: 19 May 2021 14:31

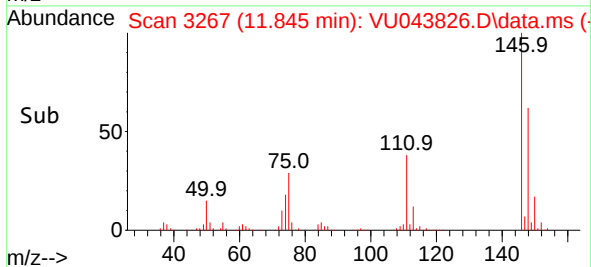
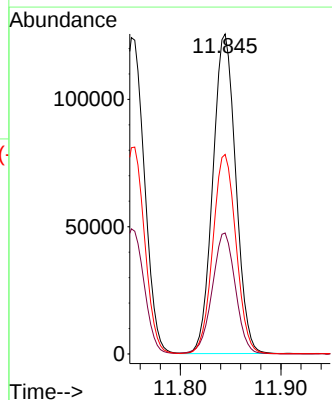
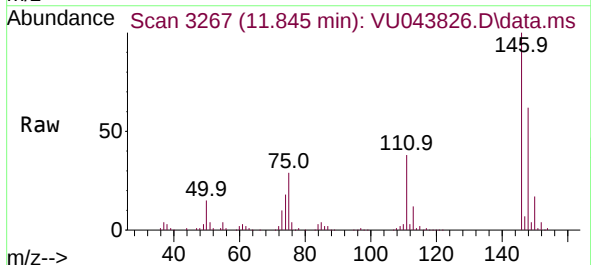
Instrument :
MSVOA_U
ClientSampleId :
VSTD005148

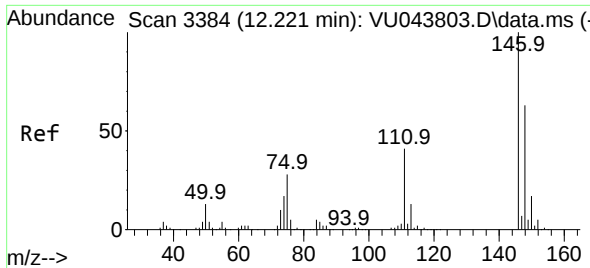
Tgt Ion:146 Resp: 199150
Ion Ratio Lower Upper
146 100
111 39.6 28.1 52.1
148 65.2 45.6 84.6



#65
1,4-Dichlorobenzene
Concen: 5.22 ug/L
RT: 11.845 min Scan# 3267
Delta R.T. -0.000 min
Lab File: VU043826.D
Acq: 19 May 2021 14:31

Tgt Ion:146 Resp: 198949
Ion Ratio Lower Upper
146 100
111 37.8 27.0 50.2
148 62.4 45.0 83.6

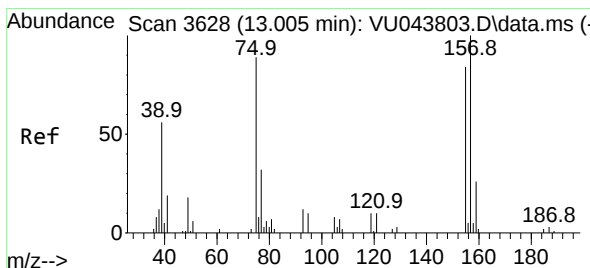
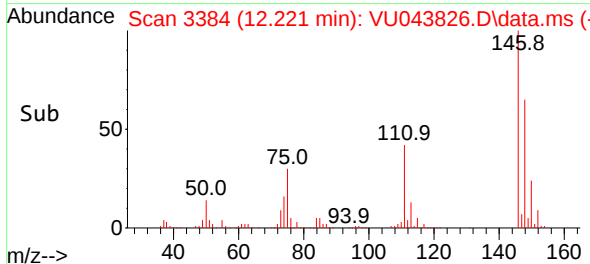
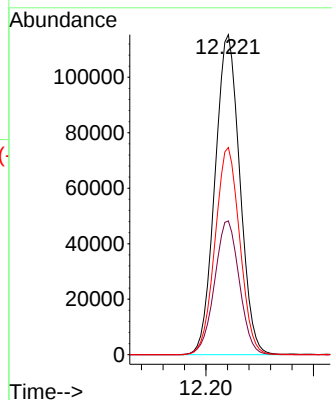
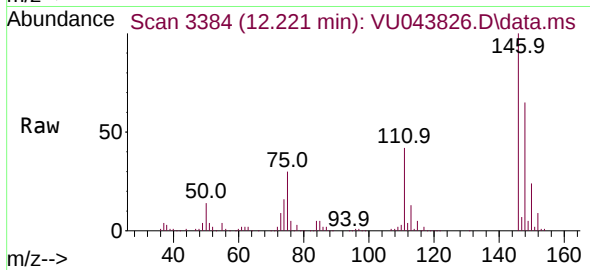




#67
1,2-Dichlorobenzene
Concen: 5.08 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. -0.000 min
Lab File: VU043826.D
Acq: 19 May 2021 14:31

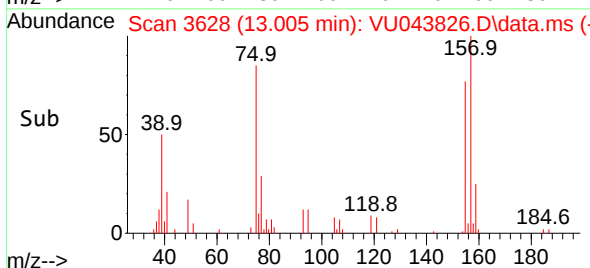
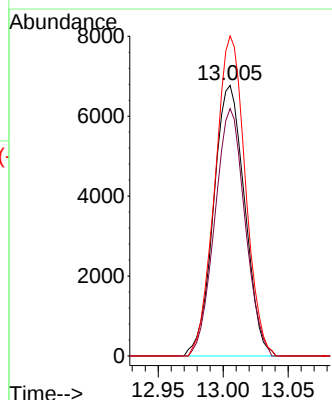
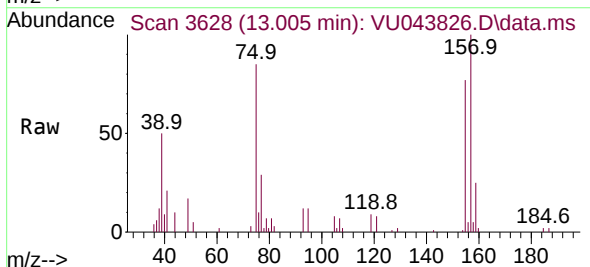
Instrument :
MSVOA_U
ClientSampleId :
VSTD005148

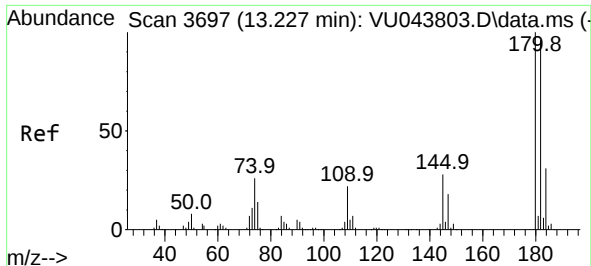
Tgt Ion:146 Resp: 185213
Ion Ratio Lower Upper
146 100
111 41.8 33.6 50.4
148 64.7 50.2 75.2



#68
1,2-Dibromo-3-chloropropane
Concen: 4.28 ug/L
RT: 13.005 min Scan# 3628
Delta R.T. -0.000 min
Lab File: VU043826.D
Acq: 19 May 2021 14:31

Tgt Ion: 75 Resp: 11246
Ion Ratio Lower Upper
75 100
155 91.4 68.7 103.1
157 118.3 87.7 131.5

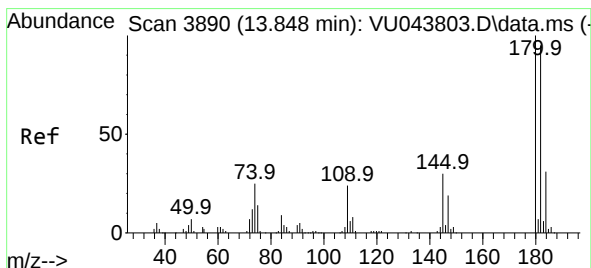
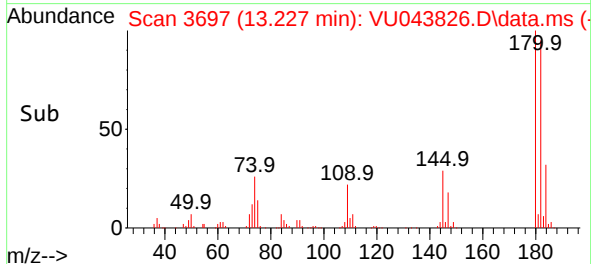
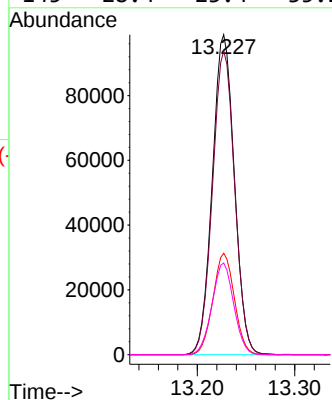
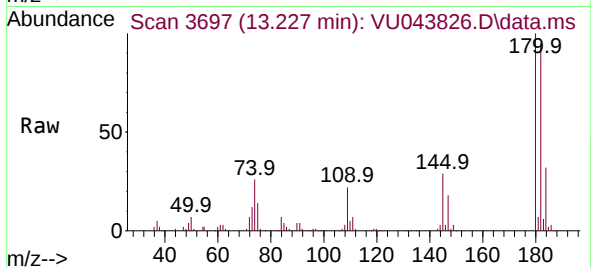




#69
1,3,5-Trichlorobenzene
Concen: 5.12 ug/L
RT: 13.227 min Scan# 3697
Delta R.T. -0.000 min
Lab File: VU043826.D
Acq: 19 May 2021 14:31

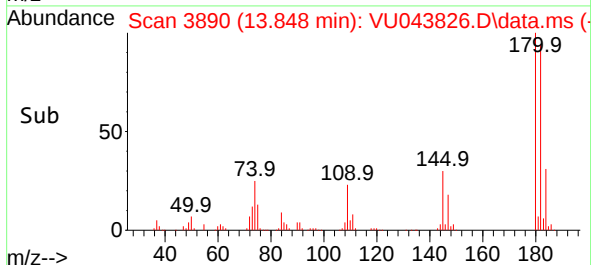
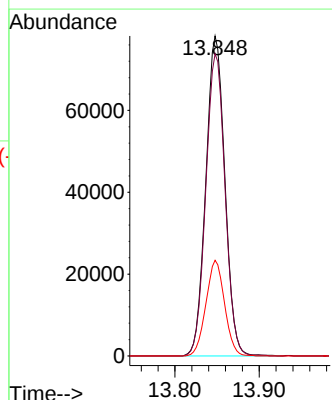
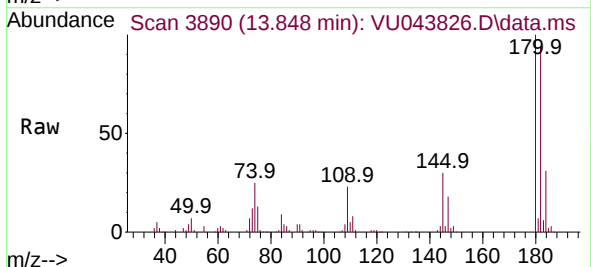
Instrument :
MSVOA_U
ClientSampleId :
VSTD005148

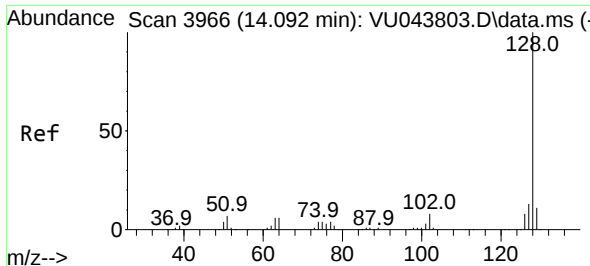
Tgt Ion:180 Resp: 155023
Ion Ratio Lower Upper
180 100
182 95.6 78.2 117.2
184 30.9 24.8 37.2
145 28.4 23.4 35.2



#70
1,2,4-trichlorobenzene
Concen: 4.94 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. -0.000 min
Lab File: VU043826.D
Acq: 19 May 2021 14:31

Tgt Ion:180 Resp: 123237
Ion Ratio Lower Upper
180 100
182 95.3 76.9 115.3
145 29.2 23.0 34.4

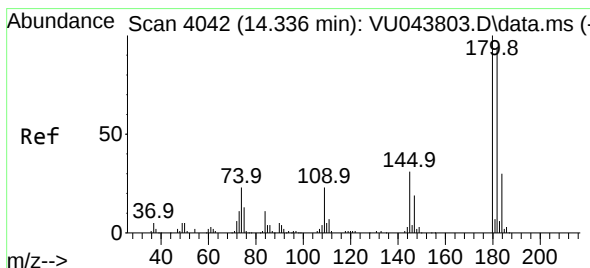
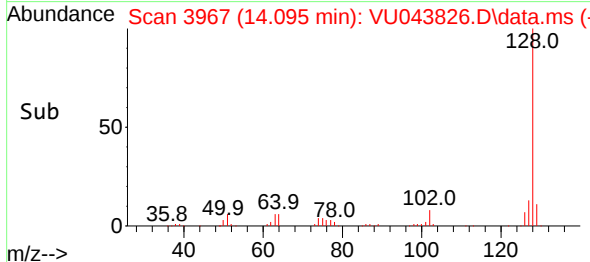
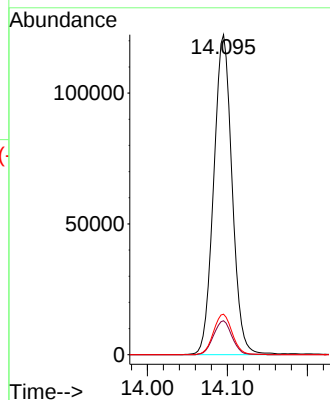
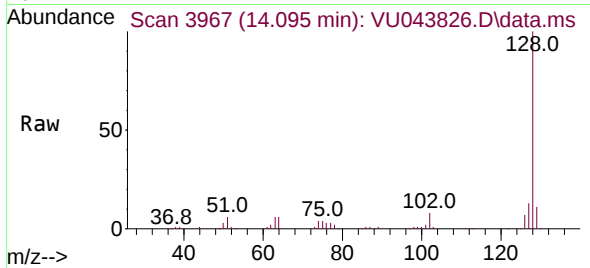




#71
Naphthalene
Concen: 4.43 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VU043826.D
Acq: 19 May 2021 14:31

Instrument :
MSVOA_U
ClientSampleId :
VSTD005148

Tgt Ion:128 Resp: 194706
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 12.9 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.95 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. -0.000 min
Lab File: VU043826.D
Acq: 19 May 2021 14:31

Tgt Ion:180 Resp: 117090
Ion Ratio Lower Upper
180 100
182 95.0 77.0 115.4
145 30.7 24.6 36.8

