

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100922\
 Data File : VU051296.D
 Acq On : 09 Oct 2022 12:34
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005169

Quant Time: Oct 10 01:22:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 08 05:40:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	203905	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	216372	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	112430	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	75995	4.620	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.400%
7) Chloroethane-d5	1.912	69	68527	4.849	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.000%
11) 1,1-Dichloroethene-d2	2.565	65	30458	4.685	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.600%
20) 2-Butanone-d5	4.633	46	185986	51.359	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.720%
24) Chloroform-d	5.063	84	155267	5.063	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
26) 1,2-Dichloroethane-d4	5.700	65	78823	4.984	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
32) Benzene-d6	5.726	84	286325	4.810	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
36) 1,2-Dichloropropane-d6	6.690	67	95987	4.748	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.000%
41) Toluene-d8	7.899	98	264723	4.971	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
43) trans-1,3-Dichloroprop...	8.179	79	33251	5.007	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.200%
46) 2-Hexanone-d5	8.632	63	107186	47.885	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.780%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	81938	5.074	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	86490	4.426	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	93129	5.599	ug/L	98
3) Chloromethane	1.520	50	109539	4.690	ug/L	100
5) Vinyl chloride	1.604	62	115602	5.046	ug/L	97
6) Bromomethane	1.858	94	60829	4.876	ug/L	93
8) Chloroethane	1.932	64	72738	4.979	ug/L	100
9) Trichlorofluoromethane	2.138	101	141587	5.362	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	83083	5.242	ug/L	98
12) 1,1-Dichloroethene	2.578	96	71678	4.820	ug/L	95
13) Acetone	2.642	43	138475	50.984	ug/L	99
14) Carbon disulfide	2.793	76	225929	4.961	ug/L	98
15) Methyl Acetate	2.954	43	33525	5.078	ug/L	97
16) Methylene chloride	3.044	84	98099	4.468	ug/L	98
17) Methyl tert-butyl Ether	3.363	73	149809	4.398	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	75243	4.810	ug/L	98
19) 1,1-Dichloroethane	3.867	63	159377	4.937	ug/L	98
21) 2-Butanone	4.710	43	206507	48.244	ug/L	97
22) cis-1,2-Dichloroethene	4.668	96	82034	4.734	ug/L	95
23) Bromochloromethane	4.977	128	41579	5.029	ug/L	95
25) Chloroform	5.086	83	168238	4.989	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100922\
 Data File : VU051296.D
 Acq On : 09 Oct 2022 12:34
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

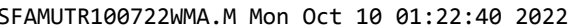
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005169

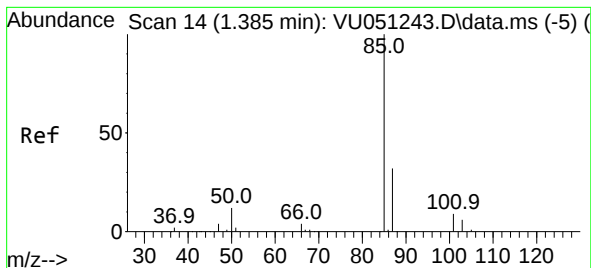
Quant Time: Oct 10 01:22:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 08 05:40:36 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	103081	5.103	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	131025	5.054	ug/L	98
30) Cyclohexane	5.388	56	96557	4.391	ug/L	99
31) Carbon tetrachloride	5.523	117	113486	5.173	ug/L	99
33) Benzene	5.774	78	350655	4.854	ug/L	100
34) Trichloroethene	6.543	95	84722	4.702	ug/L	98
35) Methylcyclohexane	6.761	83	106087	4.666	ug/L	97
37) 1,2-Dichloropropane	6.790	63	96342	4.866	ug/L	99
38) Bromodichloromethane	7.105	83	116020	4.912	ug/L	96
39) cis-1,3-Dichloropropene	7.607	75	109655	4.608	ug/L	97
40) 4-Methyl-2-pentanone	7.790	43	491141	47.283	ug/L	98
42) Toluene	7.970	91	374130	4.880	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	100980	4.907	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	68301	4.913	ug/L	98
47) Tetrachloroethene	8.552	164	65027	4.908	ug/L	96
48) 2-Hexanone	8.684	43	390390	50.476	ug/L	97
49) Dibromochloromethane	8.809	129	76141	4.878	ug/L	98
50) 1,2-Dibromoethane	8.922	107	60957	4.926	ug/L	96
51) Chlorobenzene	9.446	112	222097	4.848	ug/L	98
52) Ethylbenzene	9.571	91	322734	4.684	ug/L	95
53) m,p-Xylene	9.694	106	131153	4.908	ug/L	96
54) o-Xylene	10.099	106	121321	4.798	ug/L	98
55) Styrene	10.115	104	218276	5.015	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.780	83	84173	4.892	ug/L	98
59) Bromoform	10.292	173	41173	4.402	ug/L	97
60) Isopropylbenzene	10.484	105	317627	4.460	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	60007	4.227	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	74058	3.920	ug/L	97
63) 1,2,4-Trimethylbenzene	11.468	105	215495	4.034	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	165597	4.701	ug/L	95
65) 1,4-Dichlorobenzene	11.835	146	161668	4.656	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	156145	4.560	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	12128	4.466	ug/L	99
69) 1,3,5-Trichlorobenzene	13.217	180	114601	4.720	ug/L	96
70) 1,2,4-trichlorobenzene	13.838	180	77497	4.491	ug/L	100
71) Naphthalene	14.086	128	114578	3.572	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	76565	4.289	ug/L	99

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

Quant Time: Oct 10 01:22:32 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Oct 08 05:40:36 2022
Response via : Initial Calibration

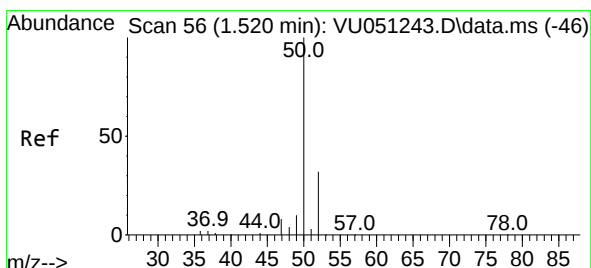
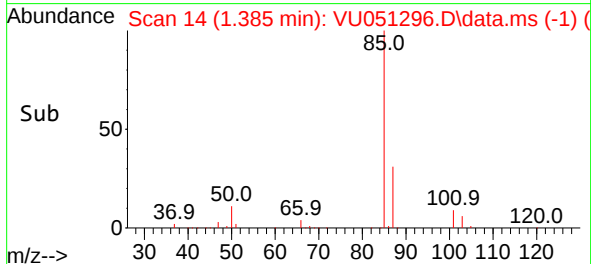
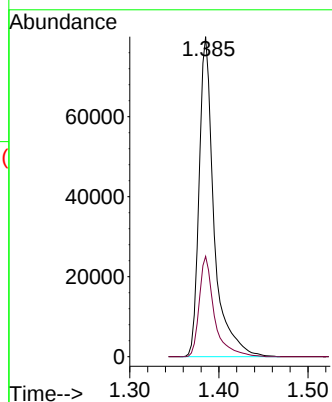
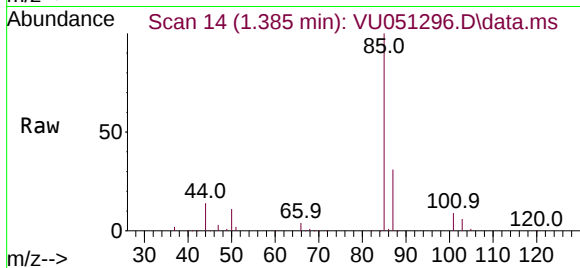




#2
Dichlorodifluoromethane
Concen: 5.599 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU051296.D
Acq: 09 Oct 2022 12:34

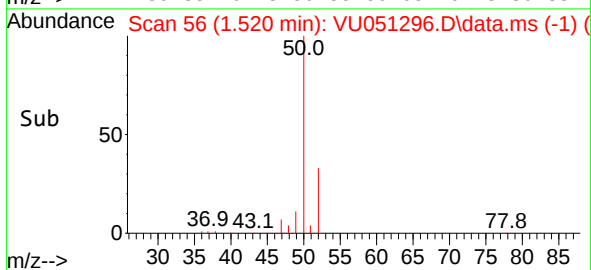
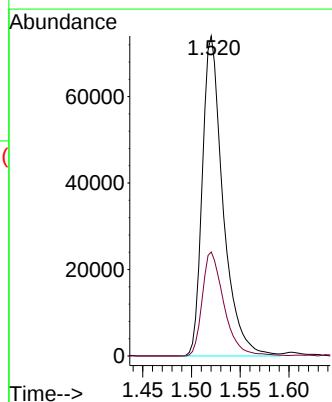
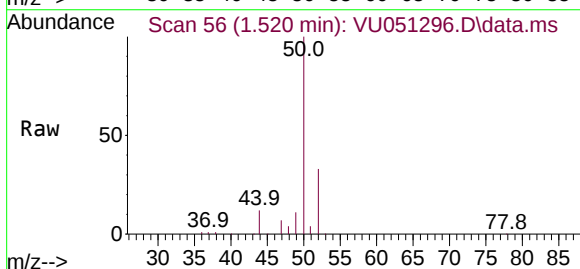
Instrument :
MSVOA_U
ClientSampleId :
VSTD005169

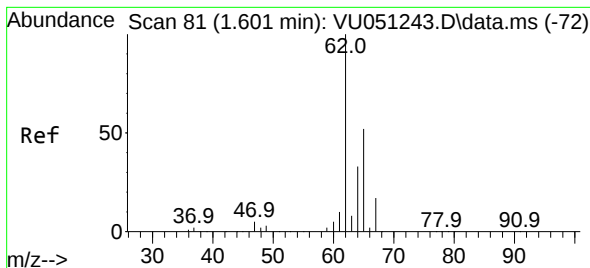
Tgt Ion: 85 Resp: 93129
Ion Ratio Lower Upper
85 100
87 31.8 26.2 39.4



#3
Chloromethane
Concen: 4.690 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU051296.D
Acq: 09 Oct 2022 12:34

Tgt Ion: 50 Resp: 109539
Ion Ratio Lower Upper
50 100
52 32.5 22.9 42.5





#5

Vinyl chloride

Concen: 5.046 ug/L

RT: 1.604 min Scan# 81

Delta R.T. 0.003 min

Lab File: VU051296.D

Acq: 09 Oct 2022 12:34

Instrument :

MSVOA_U

ClientSampleId :

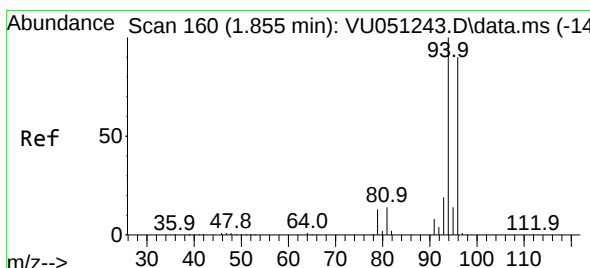
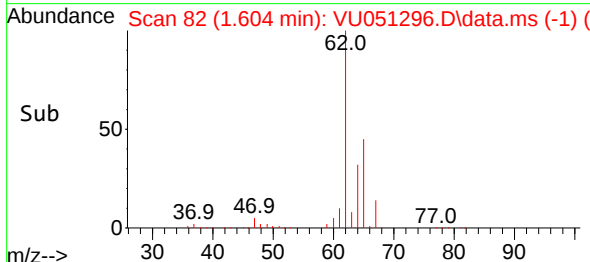
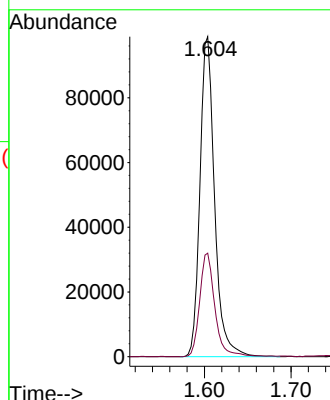
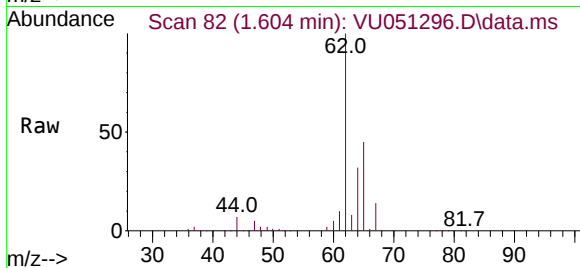
VSTD005169

Tgt Ion: 62 Resp: 115602

Ion Ratio Lower Upper

62 100

64 32.3 24.0 44.6



#6

Bromomethane

Concen: 4.876 ug/L

RT: 1.858 min Scan# 161

Delta R.T. 0.003 min

Lab File: VU051296.D

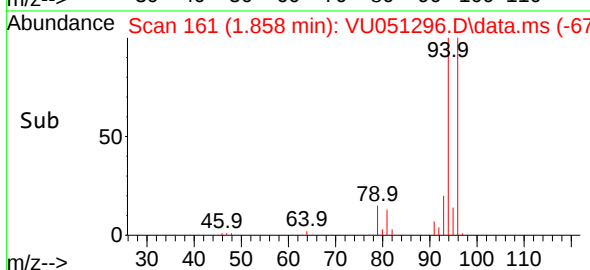
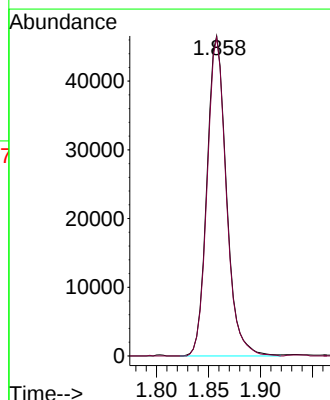
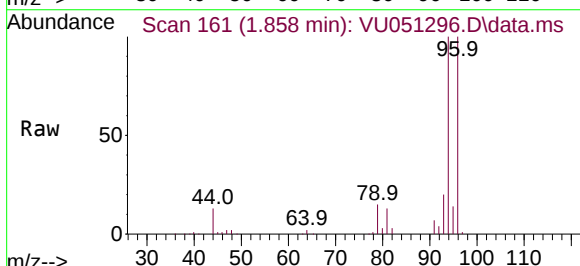
Acq: 09 Oct 2022 12:34

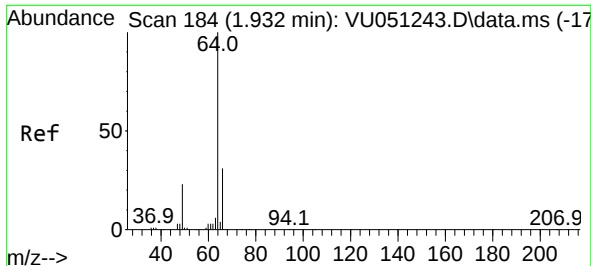
Tgt Ion: 94 Resp: 60829

Ion Ratio Lower Upper

94 100

96 99.6 64.9 120.5

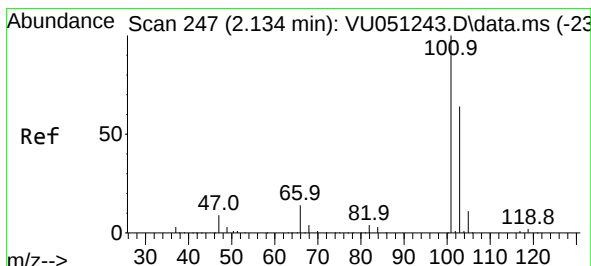
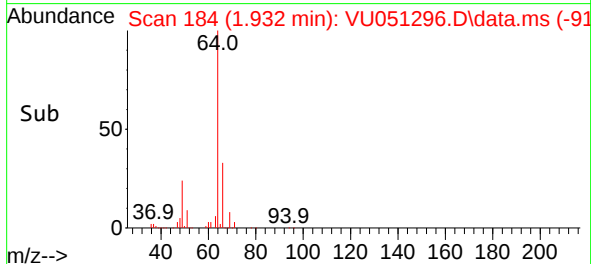
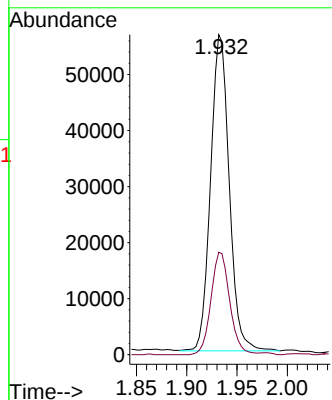
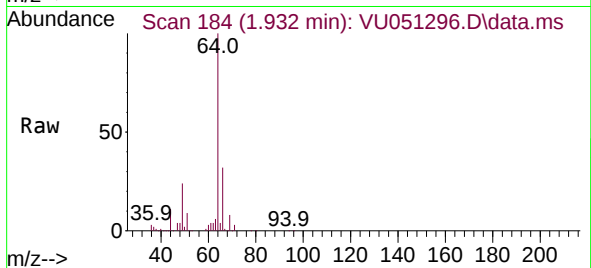




#8
Chloroethane
Concen: 4.979 ug/L
RT: 1.932 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU051296.D
Acq: 09 Oct 2022 12:34

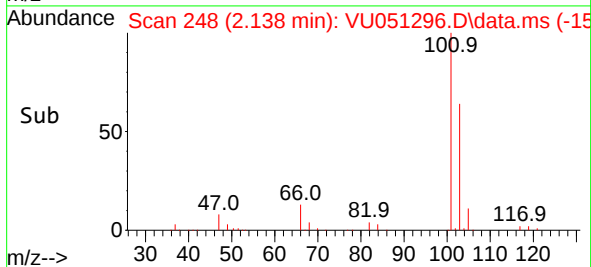
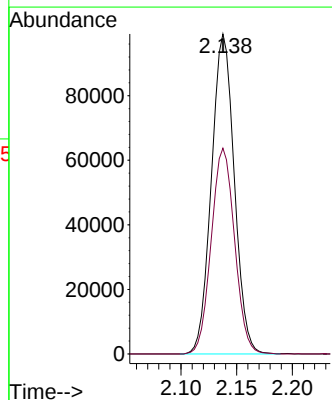
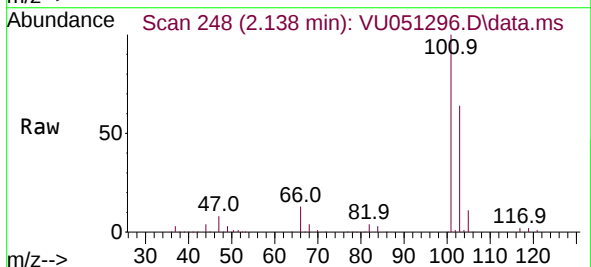
Instrument :
MSVOA_U
ClientSampleId :
VSTD005169

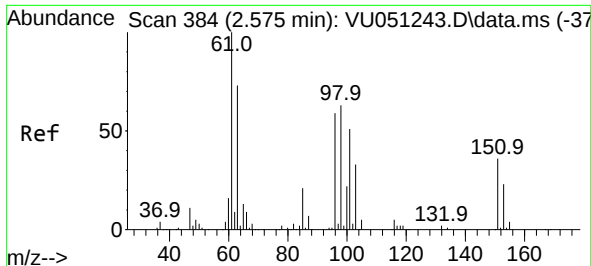
Tgt Ion: 64 Resp: 72738
Ion Ratio Lower Upper
64 100
66 32.0 22.3 41.3



#9
Trichlorofluoromethane
Concen: 5.362 ug/L
RT: 2.138 min Scan# 248
Delta R.T. 0.003 min
Lab File: VU051296.D
Acq: 09 Oct 2022 12:34

Tgt Ion: 101 Resp: 141587
Ion Ratio Lower Upper
101 100
103 65.6 52.2 78.2

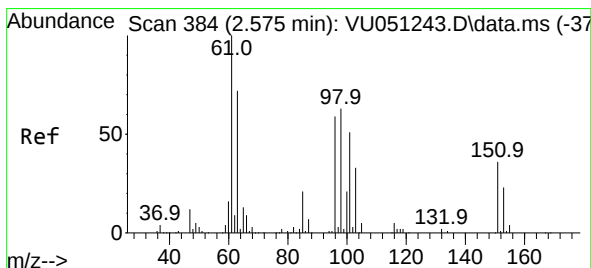
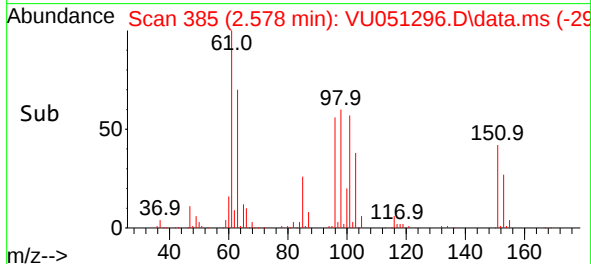
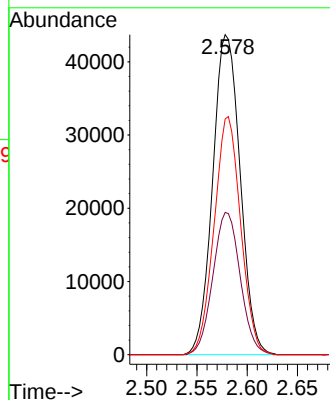
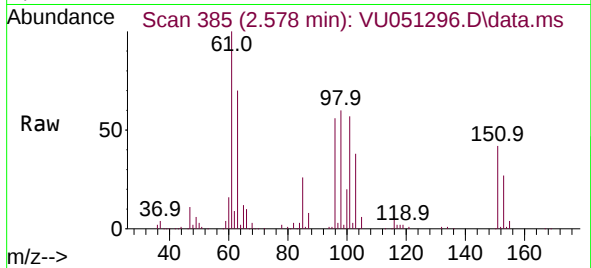




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.242 ug/L
RT: 2.578 min Scan# 384
Delta R.T. 0.003 min
Lab File: VU051296.D
Acq: 09 Oct 2022 12:34

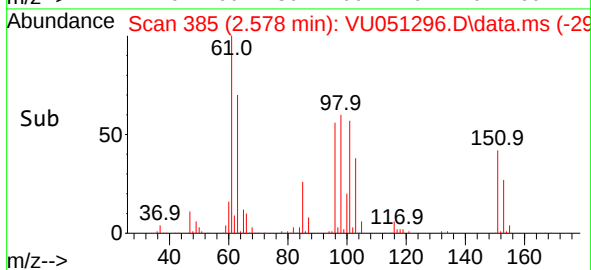
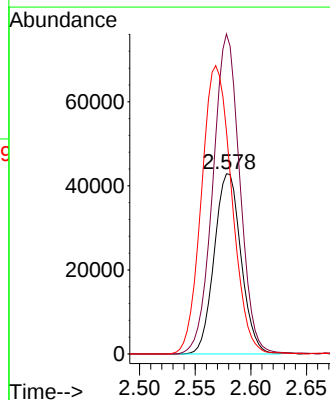
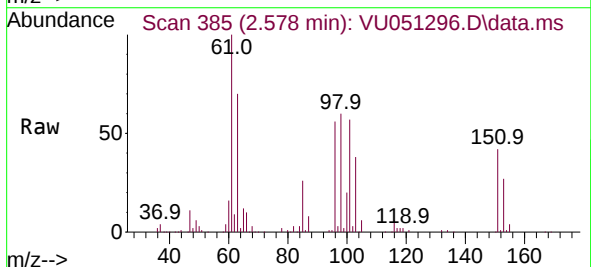
Instrument :
MSVOA_U
ClientSampleId :
VSTD005169

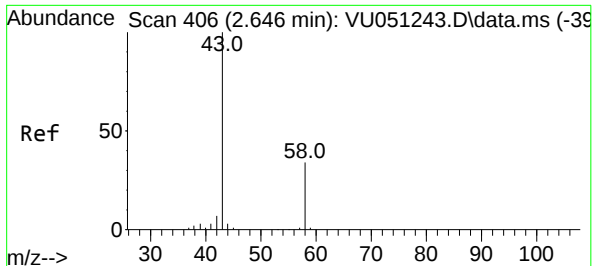
Tgt Ion:101 Resp: 83083
Ion Ratio Lower Upper
101 100
85 44.2 34.6 51.8
151 71.9 56.5 84.7



#12
1,1-Dichloroethene
Concen: 4.820 ug/L
RT: 2.578 min Scan# 385
Delta R.T. 0.003 min
Lab File: VU051296.D
Acq: 09 Oct 2022 12:34

Tgt Ion: 96 Resp: 71678
Ion Ratio Lower Upper
96 100
61 177.5 117.6 218.4
63 123.7 85.2 158.2





#13

Acetone

Concen: 50.984 ug/L

RT: 2.642 min Scan# 406

Delta R.T. -0.003 min

Lab File: VU051296.D

Acq: 09 Oct 2022 12:34

Instrument :

MSVOA_U

ClientSampleId :

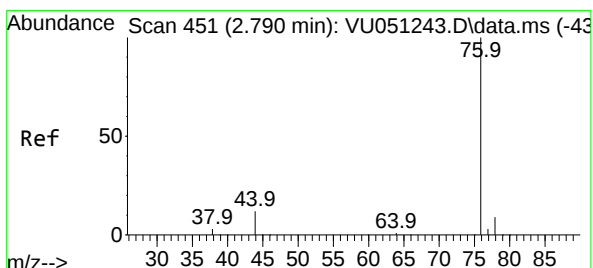
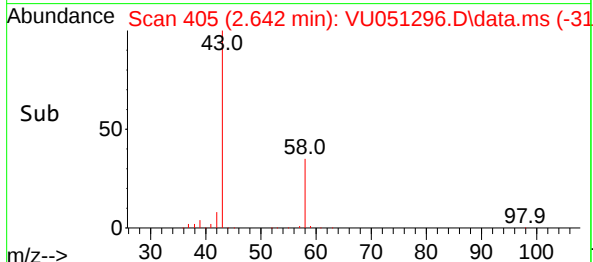
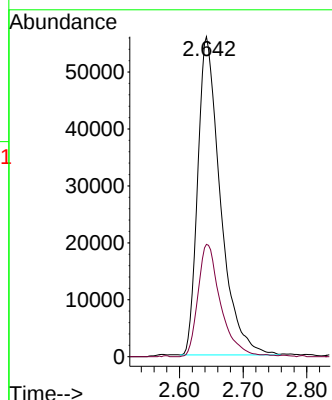
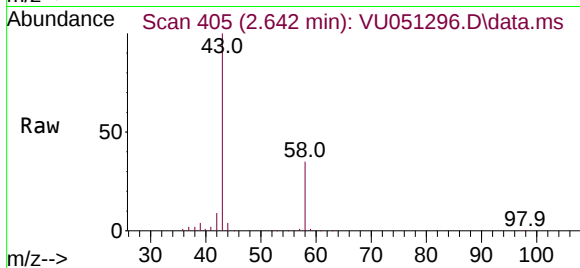
VSTD005169

Tgt Ion: 43 Resp: 138475

Ion Ratio Lower Upper

43 100

58 35.1 0.0 68.8



#14

Carbon disulfide

Concen: 4.961 ug/L

RT: 2.793 min Scan# 452

Delta R.T. 0.003 min

Lab File: VU051296.D

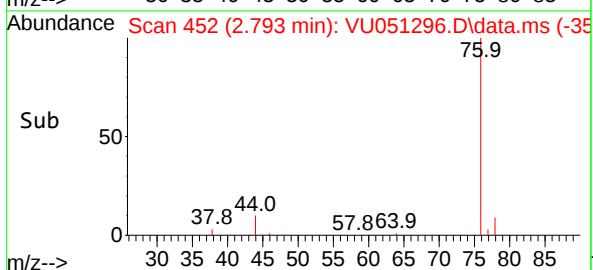
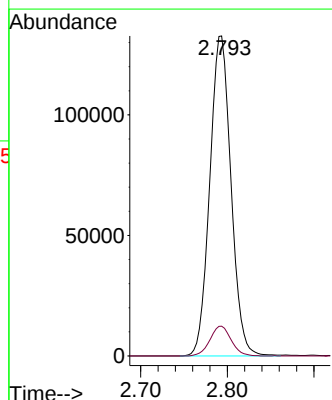
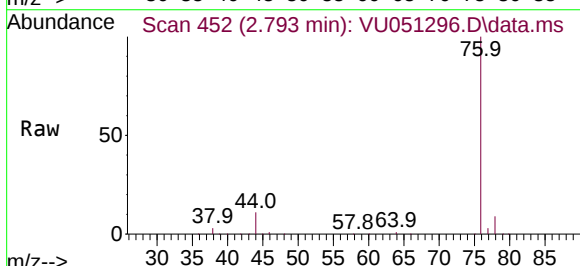
Acq: 09 Oct 2022 12:34

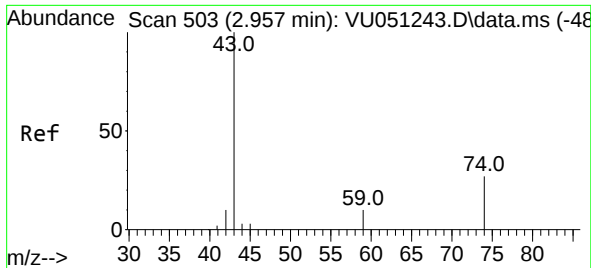
Tgt Ion: 76 Resp: 225929

Ion Ratio Lower Upper

76 100

78 9.3 7.0 10.4

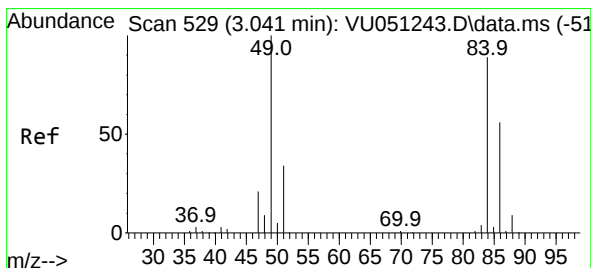
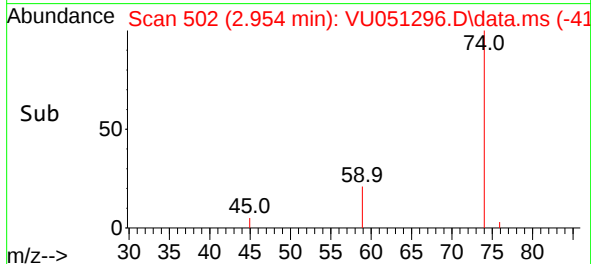
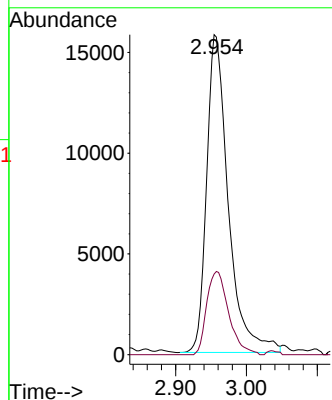
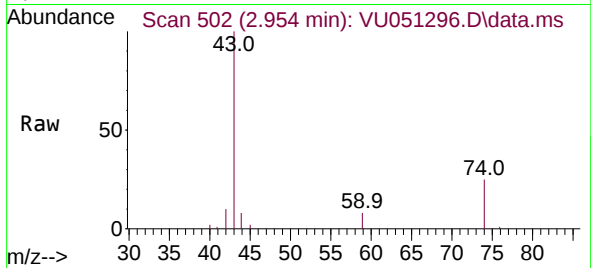




#15
Methyl Acetate
Concen: 5.078 ug/L
RT: 2.954 min Scan# 503
Delta R.T. -0.003 min
Lab File: VU051296.D
Acq: 09 Oct 2022 12:34

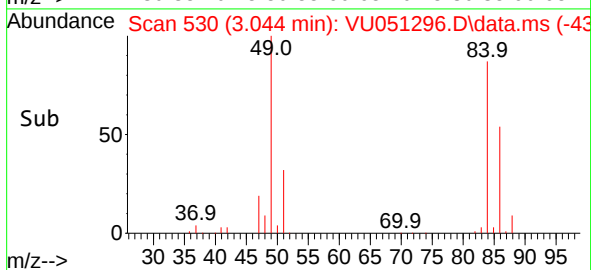
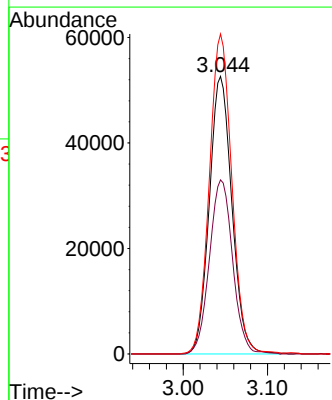
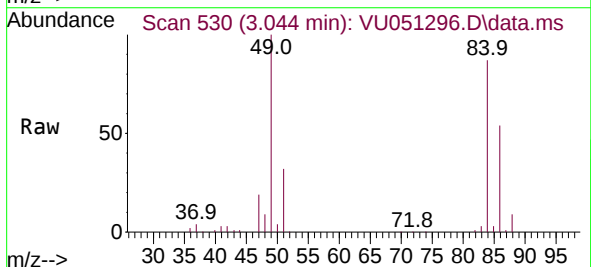
Instrument :
MSVOA_U
ClientSampleId :
VSTD005169

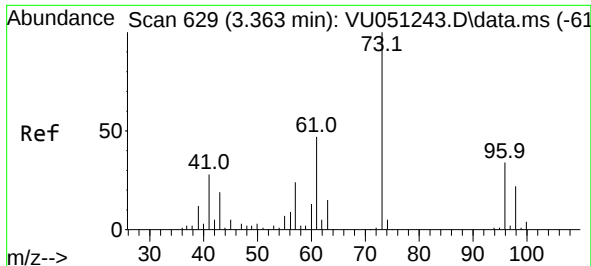
Tgt Ion: 43 Resp: 33525
Ion Ratio Lower Upper
43 100
74 26.5 20.0 30.0



#16
Methylene chloride
Concen: 4.468 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.003 min
Lab File: VU051296.D
Acq: 09 Oct 2022 12:34

Tgt Ion: 84 Resp: 98099
Ion Ratio Lower Upper
84 100
86 62.7 46.5 86.3
49 115.3 81.3 151.1

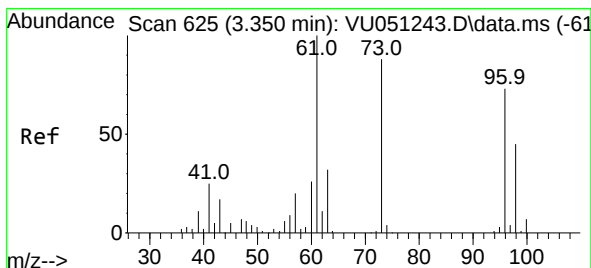
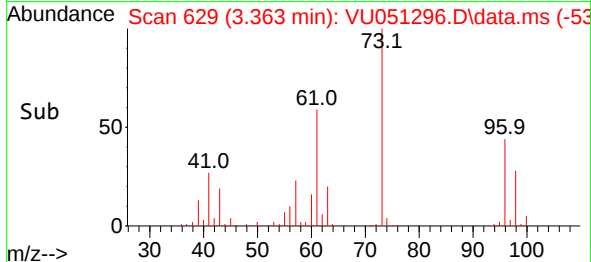
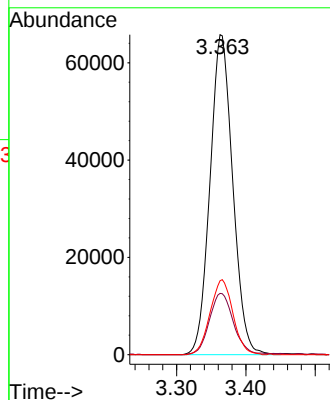
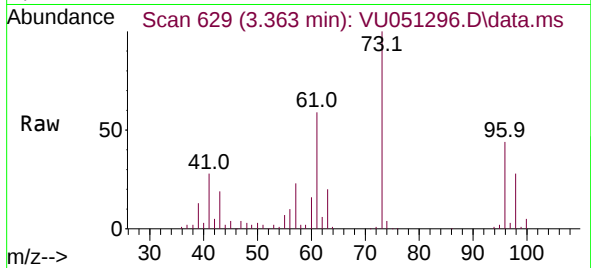




#17
Methyl tert-butyl Ether
Concen: 4.398 ug/L
RT: 3.363 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU051296.D
Acq: 09 Oct 2022 12:34

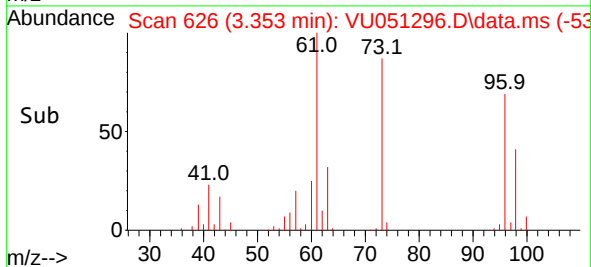
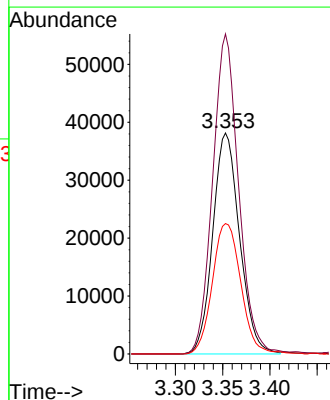
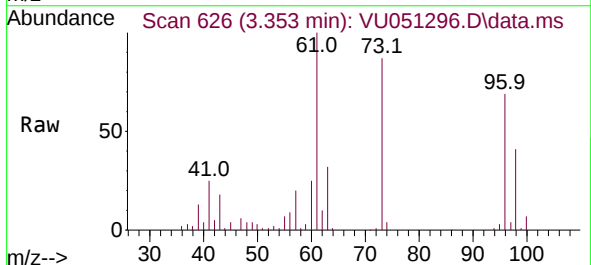
Instrument :
MSVOA_U
ClientSampleId :
VSTD005169

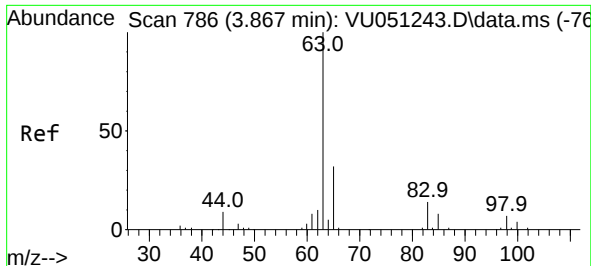
Tgt Ion: 73 Resp: 149809
Ion Ratio Lower Upper
73 100
43 20.4 15.4 23.0
57 23.6 18.9 28.3



#18
trans-1,2-Dichloroethene
Concen: 4.810 ug/L
RT: 3.353 min Scan# 626
Delta R.T. 0.003 min
Lab File: VU051296.D
Acq: 09 Oct 2022 12:34

Tgt Ion: 96 Resp: 75243
Ion Ratio Lower Upper
96 100
61 144.8 101.4 188.2
98 59.0 44.9 83.5

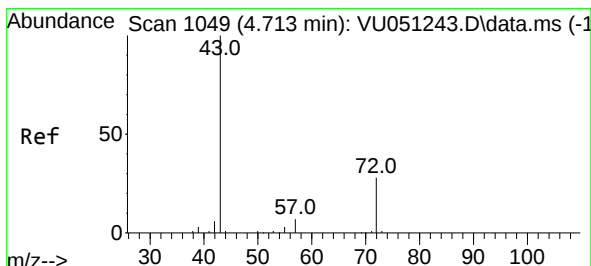
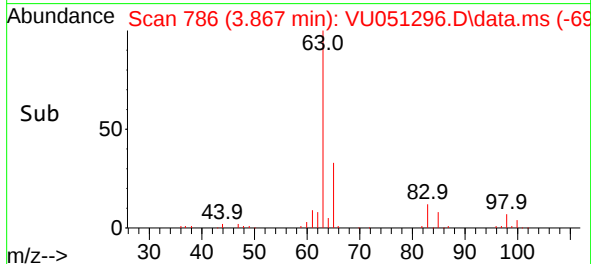
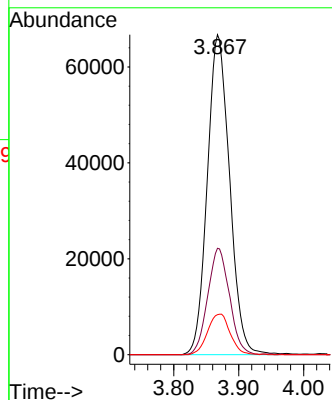
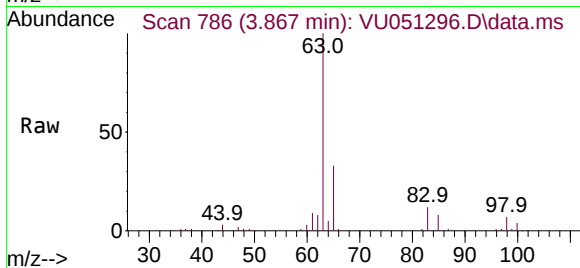




#19
1,1-Dichloroethane
Concen: 4.937 ug/L
RT: 3.867 min Scan# 786
Delta R.T. 0.000 min
Lab File: VU051296.D
Acq: 09 Oct 2022 12:34

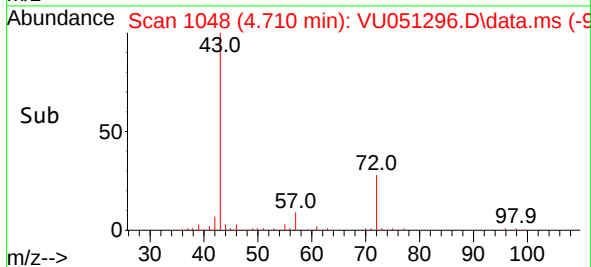
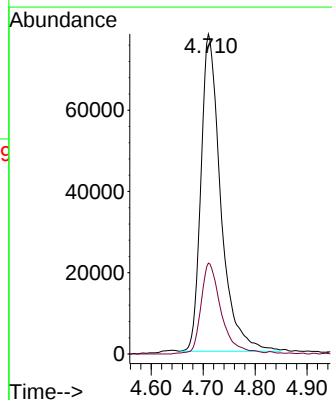
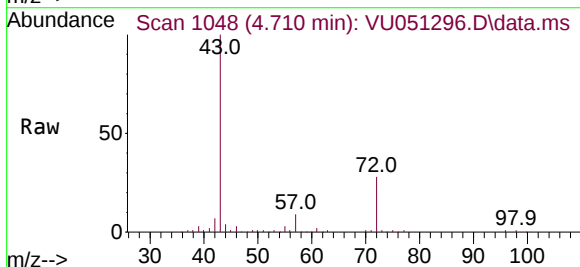
Instrument :
MSVOA_U
ClientSampleId :
VSTD005169

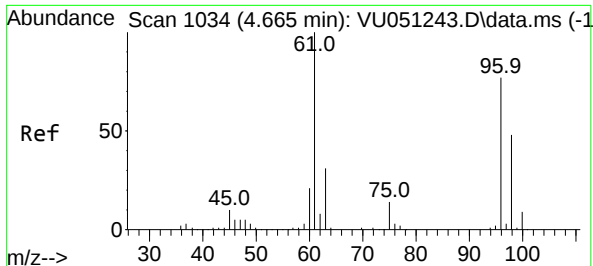
Tgt Ion: 63 Resp: 159377
Ion Ratio Lower Upper
63 100
65 33.3 22.0 41.0
83 12.5 9.0 16.6



#21
2-Butanone
Concen: 48.244 ug/L
RT: 4.710 min Scan# 1048
Delta R.T. -0.003 min
Lab File: VU051296.D
Acq: 09 Oct 2022 12:34

Tgt Ion: 43 Resp: 206507
Ion Ratio Lower Upper
43 100
72 29.3 13.8 41.4

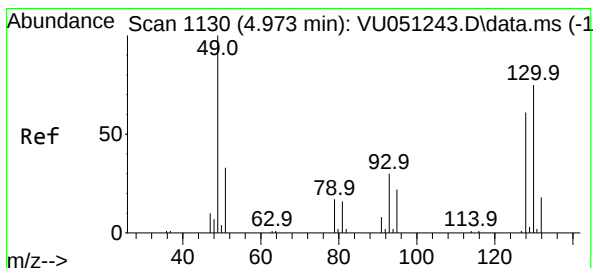
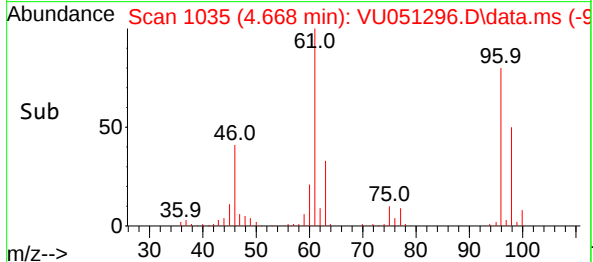
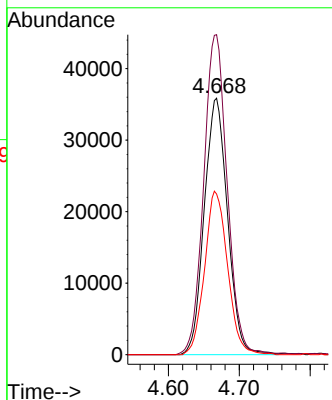
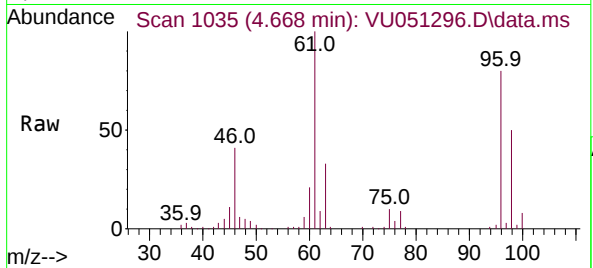




#22
 cis-1,2-Dichloroethene
 Concen: 4.734 ug/L
 RT: 4.668 min Scan# 11034
 Delta R.T. 0.003 min
 Lab File: VU051296.D
 Acq: 09 Oct 2022 12:34

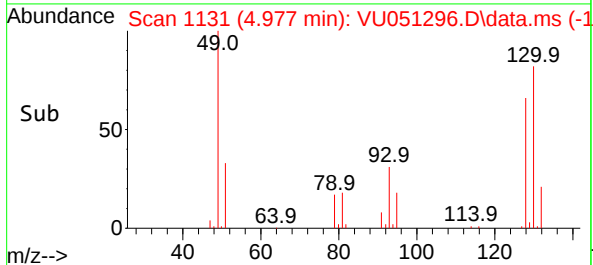
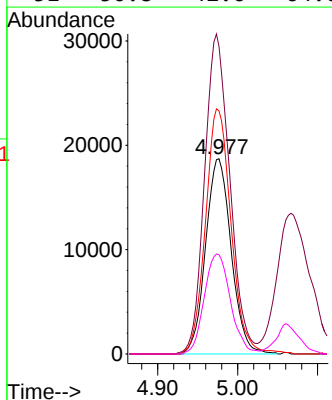
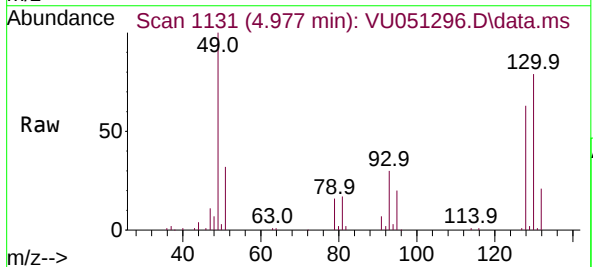
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005169

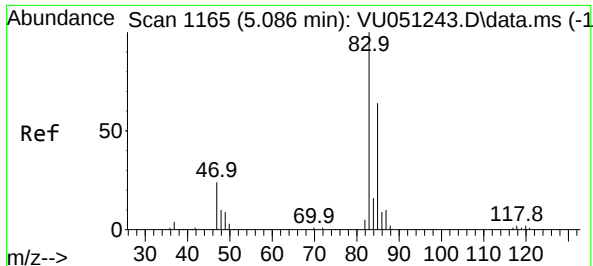
Tgt Ion: 96 Resp: 82034
 Ion Ratio Lower Upper
 96 100
 61 124.8 90.6 168.2
 98 62.6 47.5 88.3



#23
 Bromochloromethane
 Concen: 5.029 ug/L
 RT: 4.977 min Scan# 1131
 Delta R.T. 0.003 min
 Lab File: VU051296.D
 Acq: 09 Oct 2022 12:34

Tgt Ion: 128 Resp: 41579
 Ion Ratio Lower Upper
 128 100
 49 157.5 118.0 219.2
 130 124.5 88.8 164.8
 51 50.8 42.6 64.0





#25

Chloroform

Concen: 4.989 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU051296.D

Acq: 09 Oct 2022 12:34

Instrument :

MSVOA_U

ClientSampleId :

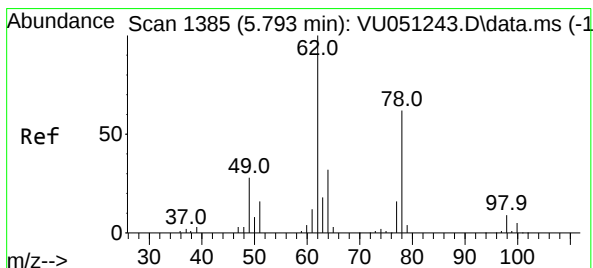
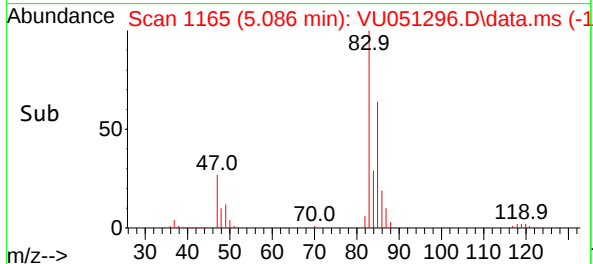
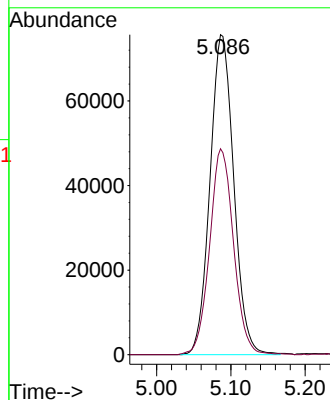
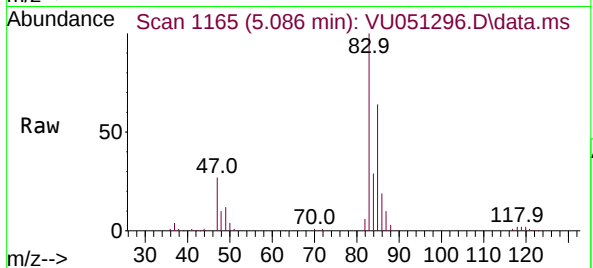
VSTD005169

Tgt Ion: 83 Resp: 168238

Ion Ratio Lower Upper

83 100

85 64.4 45.6 84.6



#27

1,2-Dichloroethane

Concen: 5.103 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. 0.000 min

Lab File: VU051296.D

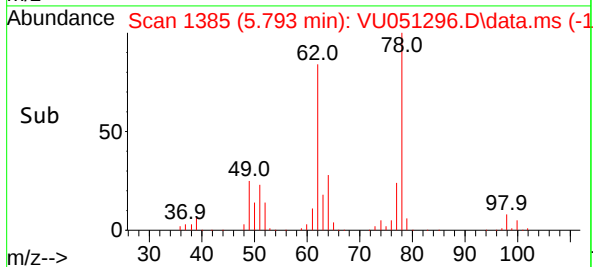
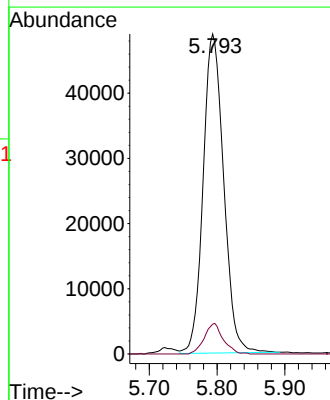
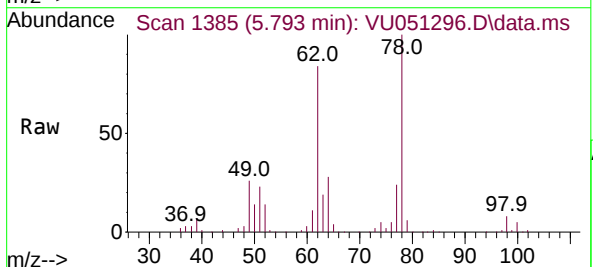
Acq: 09 Oct 2022 12:34

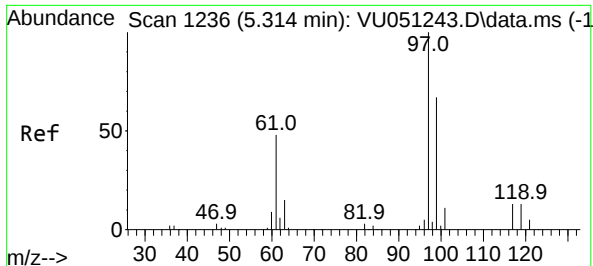
Tgt Ion: 62 Resp: 103081

Ion Ratio Lower Upper

62 100

98 9.3 7.7 11.5





#29

1,1,1-Trichloroethane

Concen: 5.054 ug/L

RT: 5.314 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU051296.D

Acq: 09 Oct 2022 12:34

Instrument :

MSVOA_U

ClientSampleId :

VSTD005169

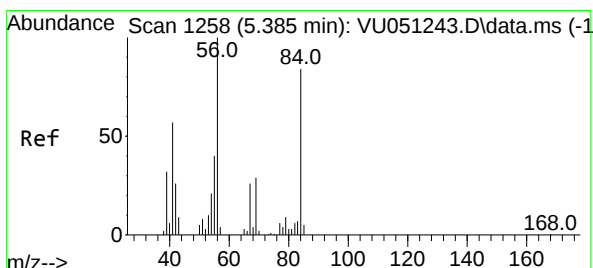
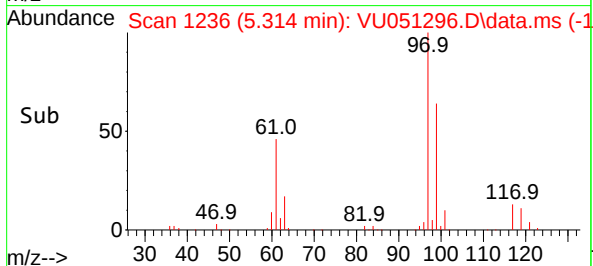
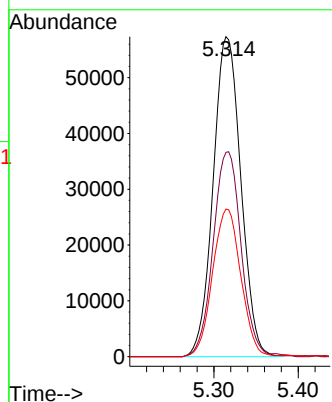
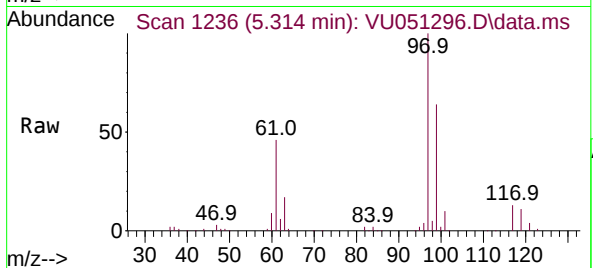
Tgt Ion: 97 Resp: 131025

Ion Ratio Lower Upper

97 100

99 64.8 50.2 75.4

61 47.0 38.7 58.1



#30

Cyclohexane

Concen: 4.391 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. 0.003 min

Lab File: VU051296.D

Acq: 09 Oct 2022 12:34

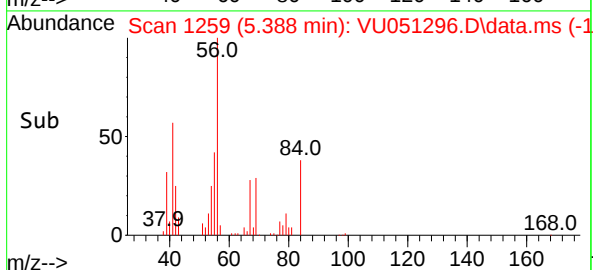
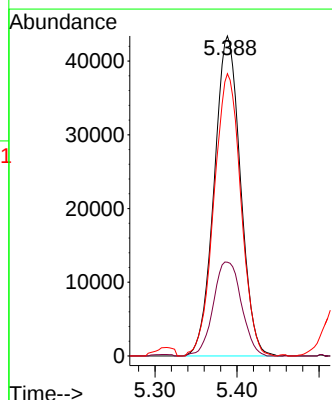
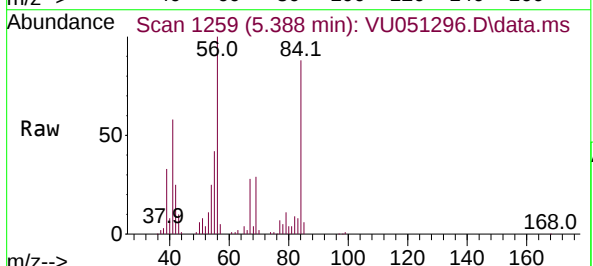
Tgt Ion: 56 Resp: 96557

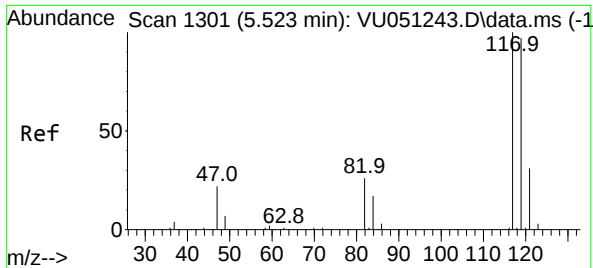
Ion Ratio Lower Upper

56 100

69 31.4 25.1 37.7

84 90.4 70.9 106.3

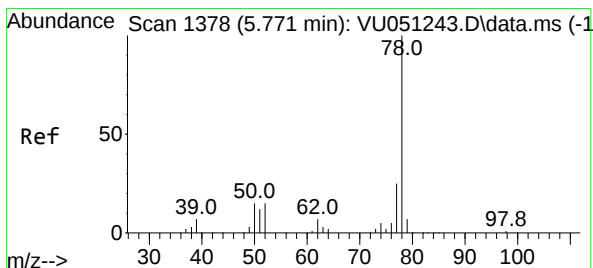
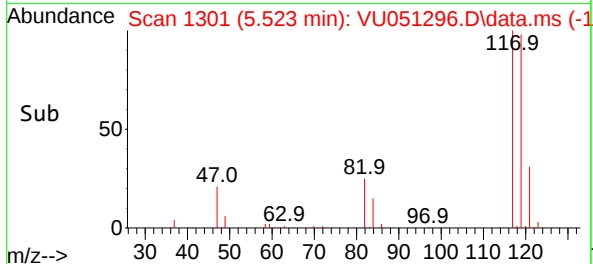
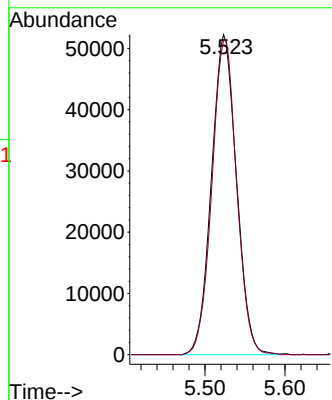
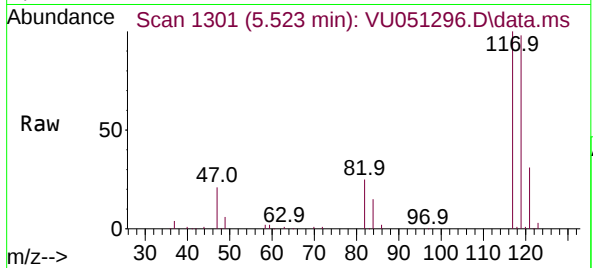




#31
Carbon tetrachloride
Concen: 5.173 ug/L
RT: 5.523 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU051296.D
Acq: 09 Oct 2022 12:34

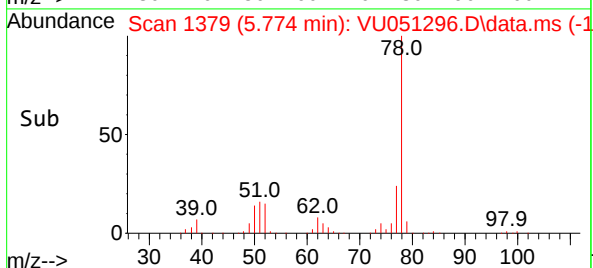
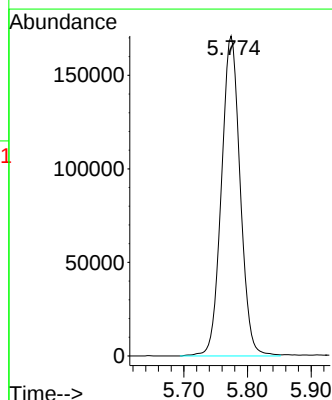
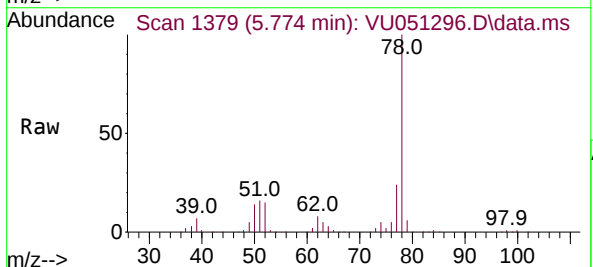
Instrument :
MSVOA_U
ClientSampleId :
VSTD005169

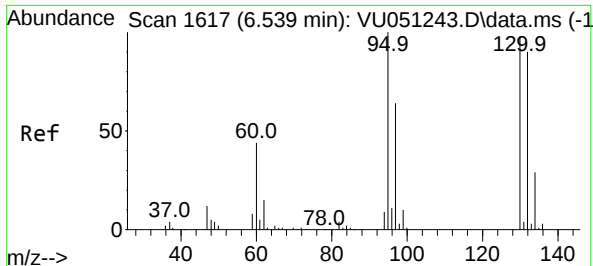
Tgt Ion:117 Resp: 113486
Ion Ratio Lower Upper
117 100
119 97.2 78.4 117.6



#33
Benzene
Concen: 4.854 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.003 min
Lab File: VU051296.D
Acq: 09 Oct 2022 12:34

Tgt Ion: 78 Resp: 350655

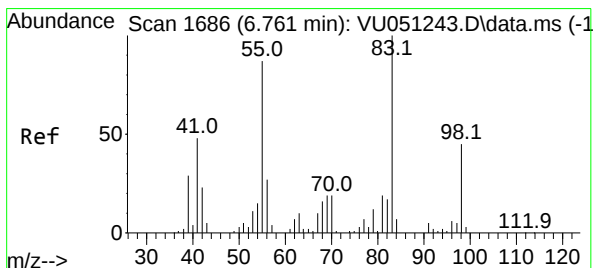
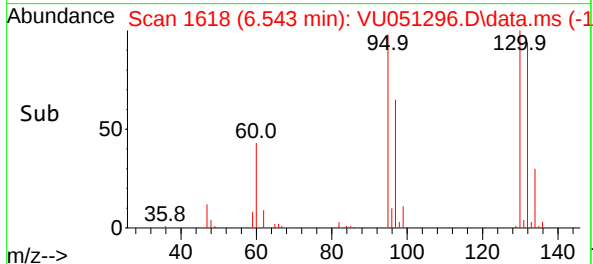
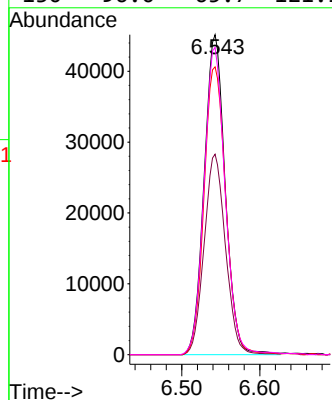
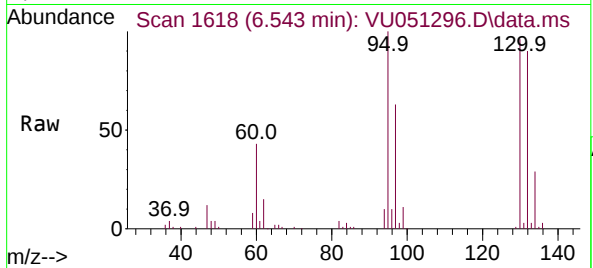




#34
Trichloroethene
Concen: 4.702 ug/L
RT: 6.543 min Scan# 1617
Delta R.T. 0.003 min
Lab File: VU051296.D
Acq: 09 Oct 2022 12:34

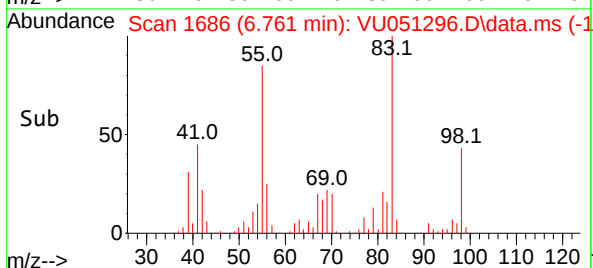
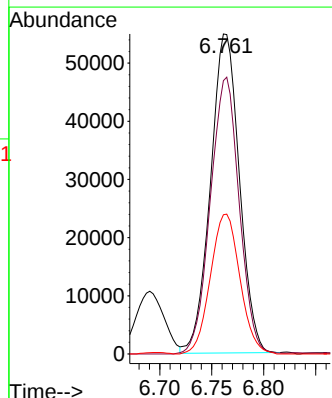
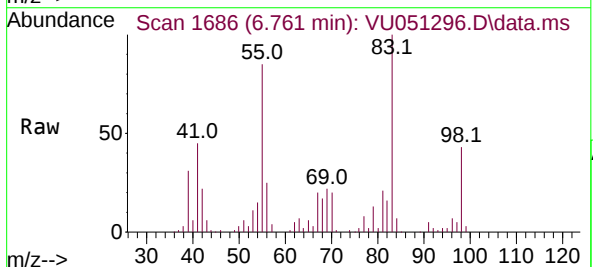
Instrument :
MSVOA_U
ClientSampleId :
VSTD005169

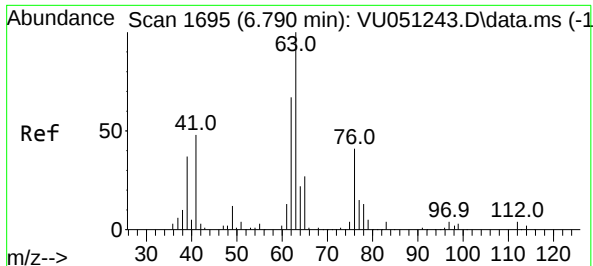
Tgt Ion: 95 Resp: 84722
Ion Ratio Lower Upper
95 100
97 62.7 45.4 84.2
132 89.9 63.1 117.3
130 96.0 65.7 121.9



#35
Methylcyclohexane
Concen: 4.666 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VU051296.D
Acq: 09 Oct 2022 12:34

Tgt Ion: 83 Resp: 106087
Ion Ratio Lower Upper
83 100
55 86.7 65.8 98.6
98 44.7 35.9 53.9

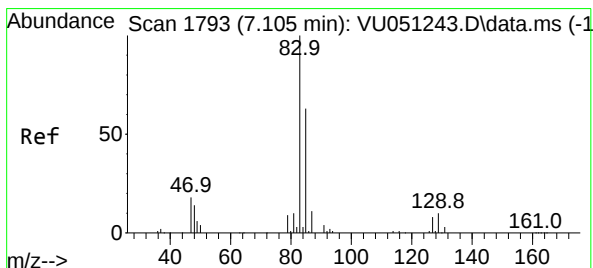
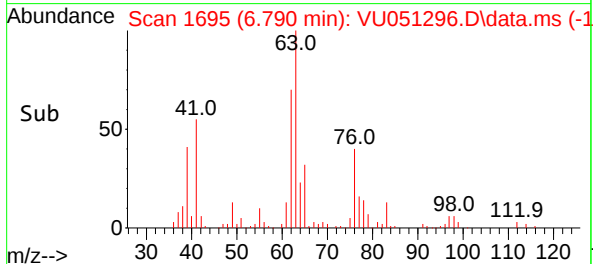
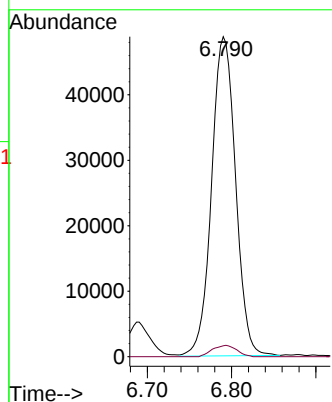
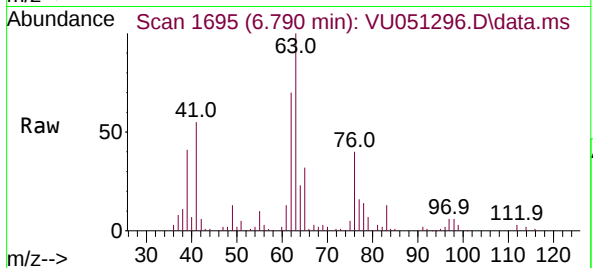




#37
1,2-Dichloropropane
Concen: 4.866 ug/L
RT: 6.790 min Scan# 1695
Delta R.T. 0.000 min
Lab File: VU051296.D
Acq: 09 Oct 2022 12:34

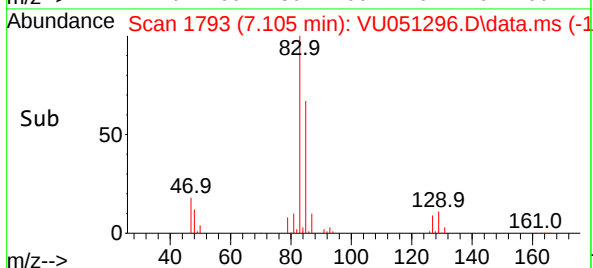
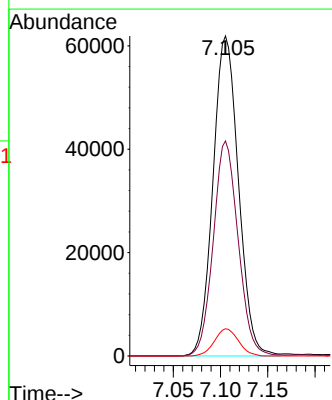
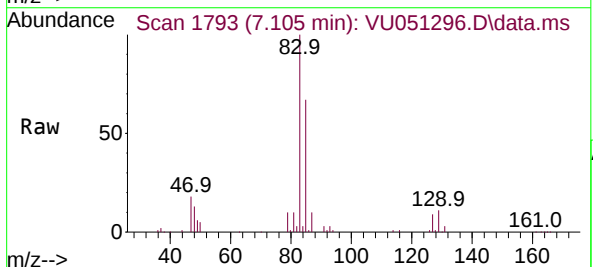
Instrument :
MSVOA_U
ClientSampleId :
VSTD005169

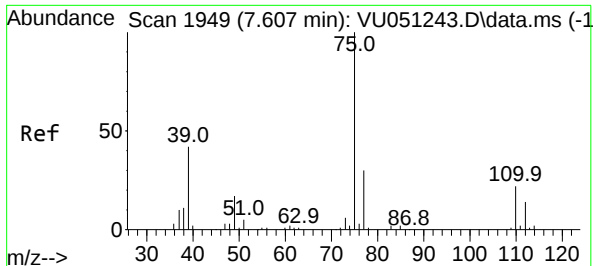
Tgt Ion: 63 Resp: 96342
Ion Ratio Lower Upper
63 100
112 3.6 3.2 4.8



#38
Bromodichloromethane
Concen: 4.912 ug/L
RT: 7.105 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VU051296.D
Acq: 09 Oct 2022 12:34

Tgt Ion: 83 Resp: 116020
Ion Ratio Lower Upper
83 100
85 67.2 44.8 83.2
127 8.5 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 4.608 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU051296.D

Acq: 09 Oct 2022 12:34

Instrument :

MSVOA_U

ClientSampleId :

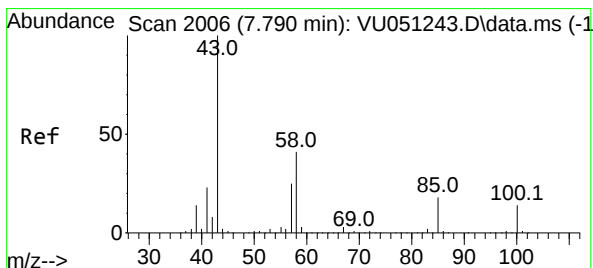
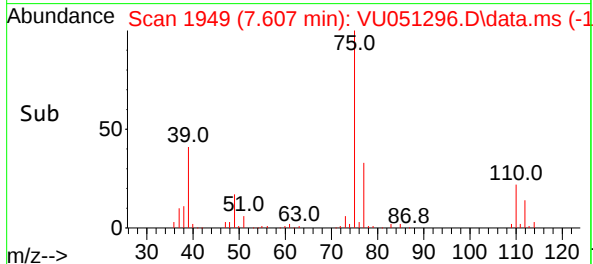
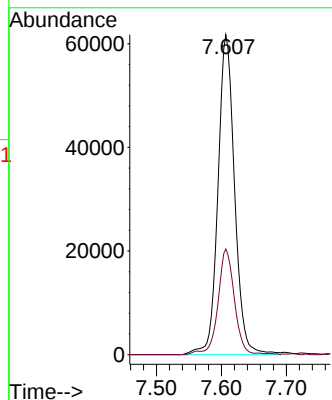
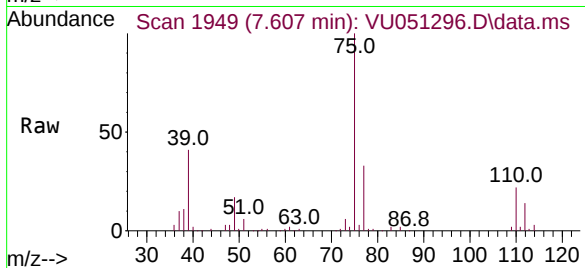
VSTD005169

Tgt Ion: 75 Resp: 109655

Ion Ratio Lower Upper

75 100

77 33.0 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 47.283 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VU051296.D

Acq: 09 Oct 2022 12:34

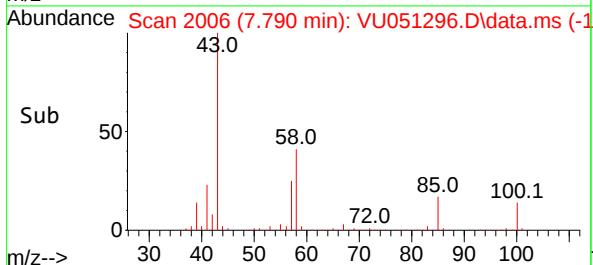
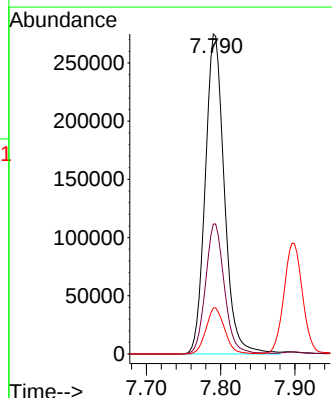
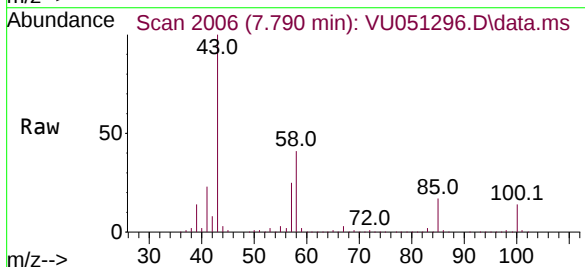
Tgt Ion: 43 Resp: 491141

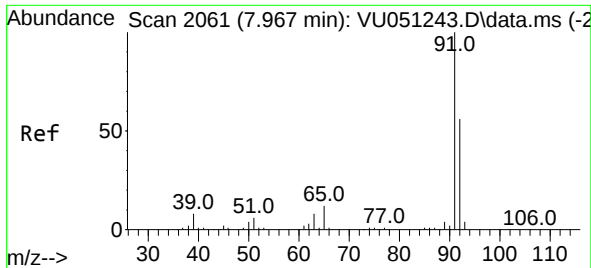
Ion Ratio Lower Upper

43 100

58 40.3 33.0 49.6

100 14.0 11.8 17.6





#42

Toluene

Concen: 4.880 ug/L

RT: 7.970 min Scan# 2061

Delta R.T. 0.003 min

Lab File: VU051296.D

Acq: 09 Oct 2022 12:34

Instrument :

MSVOA_U

ClientSampleId :

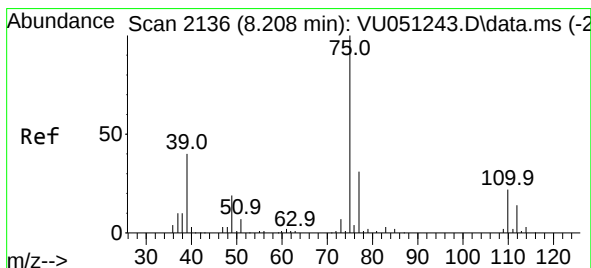
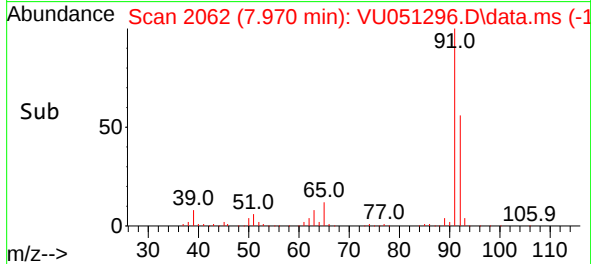
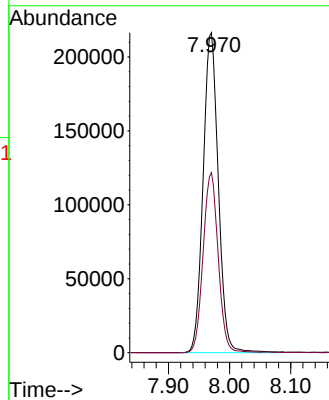
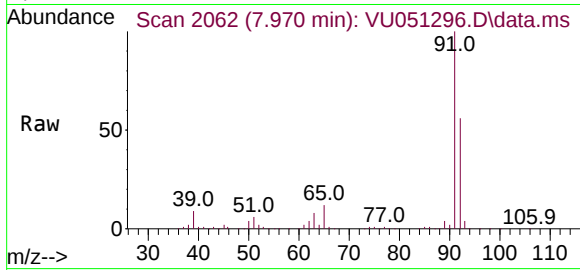
VSTD005169

Tgt Ion: 91 Resp: 374130

Ion Ratio Lower Upper

91 100

92 56.3 39.9 74.1



#44

trans-1,3-Dichloropropene

Concen: 4.907 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.003 min

Lab File: VU051296.D

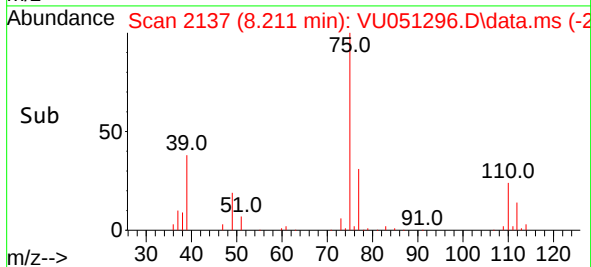
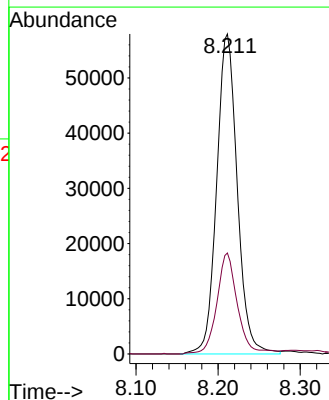
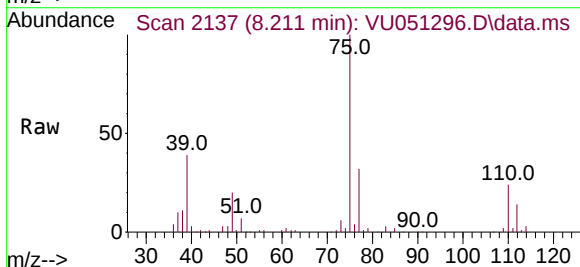
Acq: 09 Oct 2022 12:34

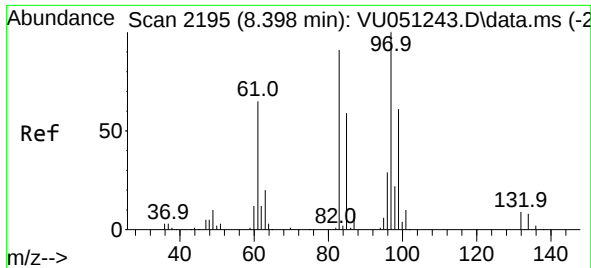
Tgt Ion: 75 Resp: 100980

Ion Ratio Lower Upper

75 100

77 31.6 21.8 40.6

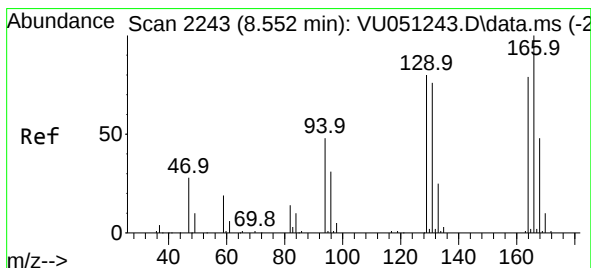
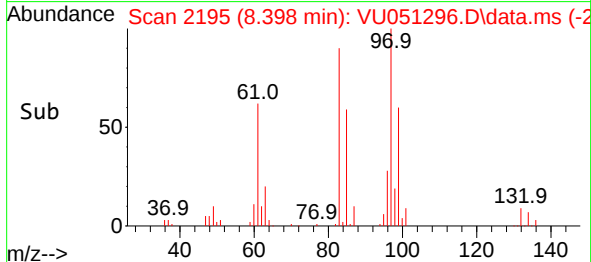
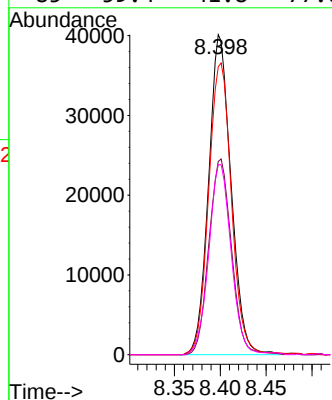
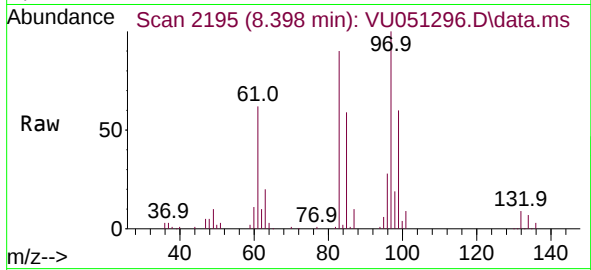




#45
1,1,2-Trichloroethane
Concen: 4.913 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. 0.000 min
Lab File: VU051296.D
Acq: 09 Oct 2022 12:34

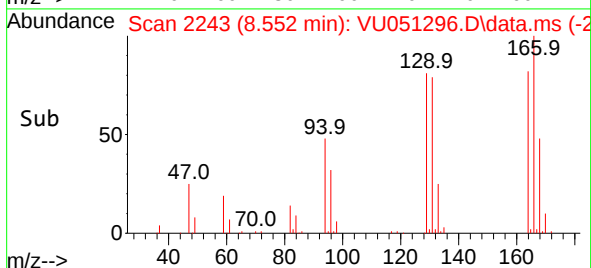
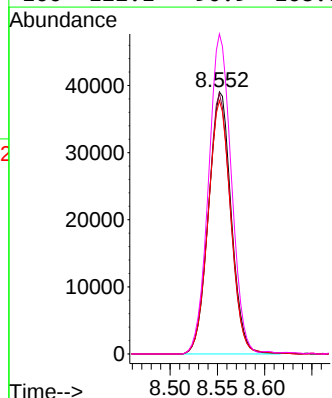
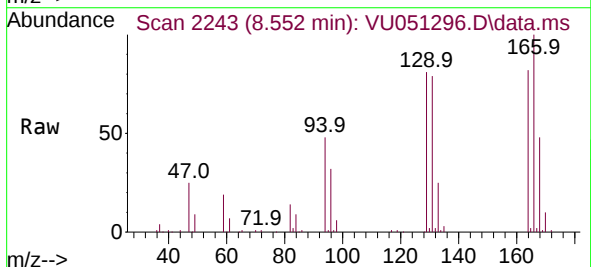
Instrument :
MSVOA_U
ClientSampleId :
VSTD005169

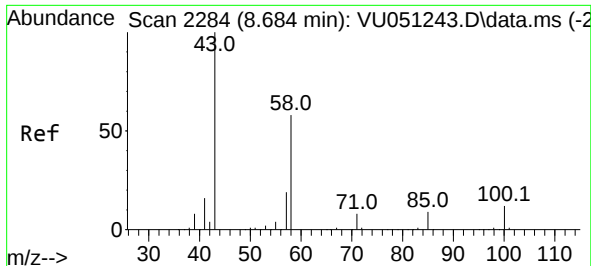
Tgt Ion:	97	Resp:	68301
Ion	Ratio	Lower	Upper
97	100		
99	60.4	45.3	84.1
83	90.0	63.1	117.1
85	59.4	41.8	77.6



#47
Tetrachloroethene
Concen: 4.908 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU051296.D
Acq: 09 Oct 2022 12:34

Tgt Ion:	164	Resp:	65027
Ion	Ratio	Lower	Upper
164	100		
129	99.4	71.3	132.3
131	96.7	66.9	124.3
166	122.1	90.9	168.7

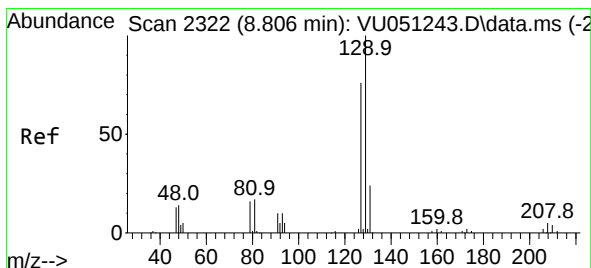
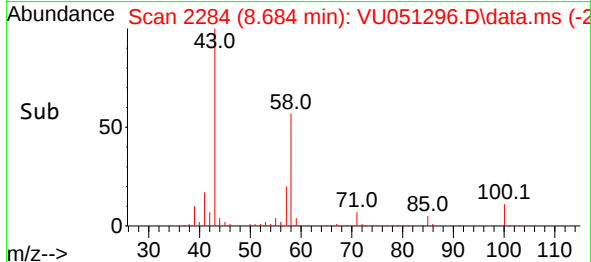
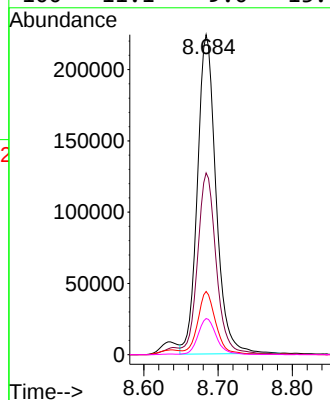
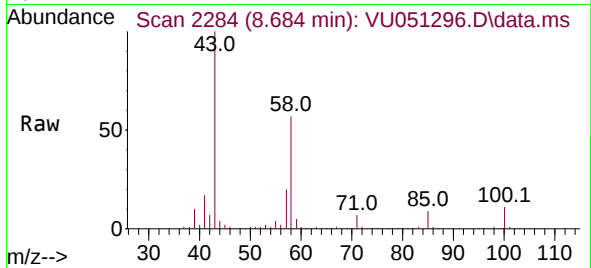




#48
2-Hexanone
Concen: 50.476 ug/L
RT: 8.684 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051296.D
Acq: 09 Oct 2022 12:34

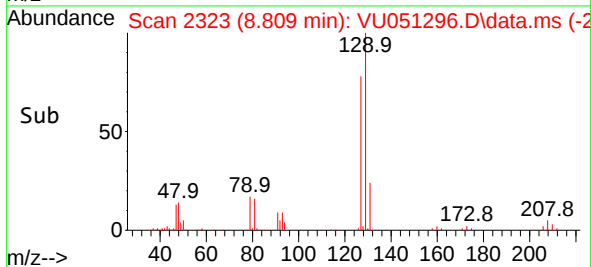
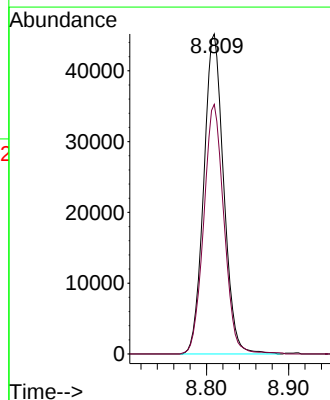
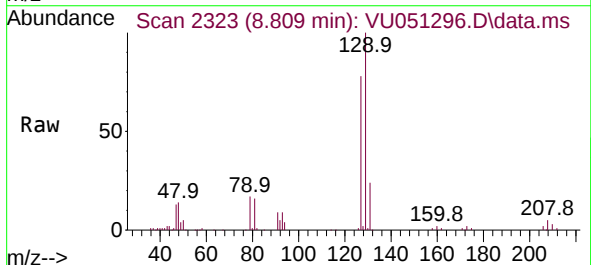
Instrument :
MSVOA_U
ClientSampleId :
VSTD005169

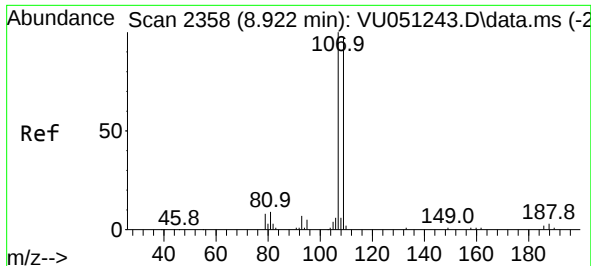
Tgt Ion:	43	Resp:	390390
Ion	Ratio	Lower	Upper
43	100		
58	56.9	48.2	72.2
57	19.2	15.5	23.3
100	11.1	9.0	13.4



#49
Dibromochloromethane
Concen: 4.878 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.003 min
Lab File: VU051296.D
Acq: 09 Oct 2022 12:34

Tgt Ion:	129	Resp:	76141
Ion	Ratio	Lower	Upper
129	100		
127	78.0	53.5	99.3





#50

1,2-Dibromoethane

Concen: 4.926 ug/L

RT: 8.922 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU051296.D

Acq: 09 Oct 2022 12:34

Instrument :

MSVOA_U

ClientSampleId :

VSTD005169

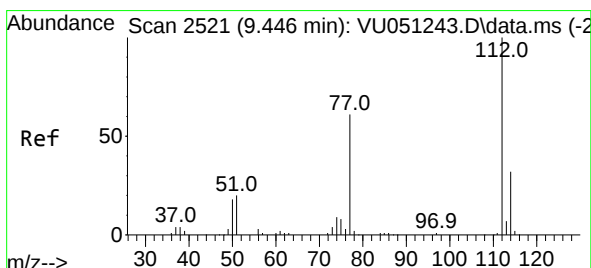
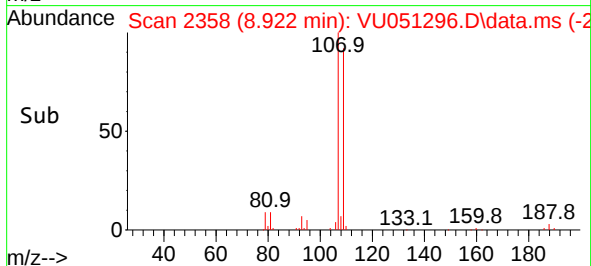
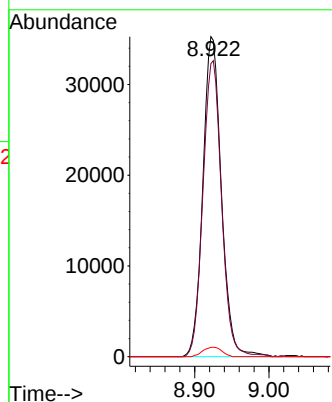
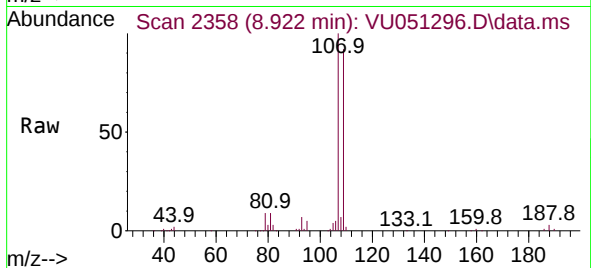
Tgt Ion:107 Resp: 60957

Ion Ratio Lower Upper

107 100

109 91.6 67.1 124.7

188 2.9 2.5 3.7



#51

Chlorobenzene

Concen: 4.848 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. 0.000 min

Lab File: VU051296.D

Acq: 09 Oct 2022 12:34

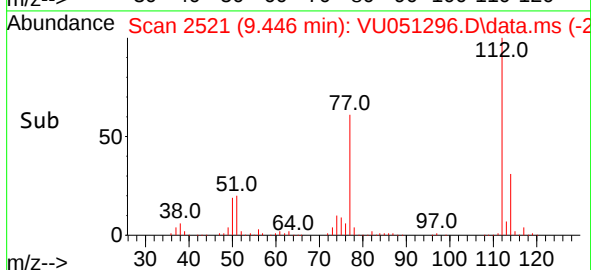
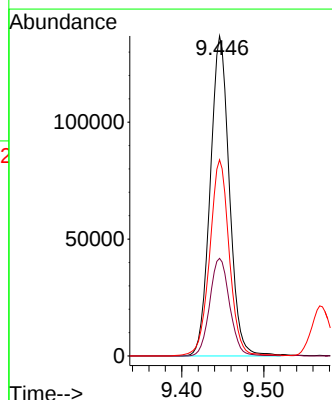
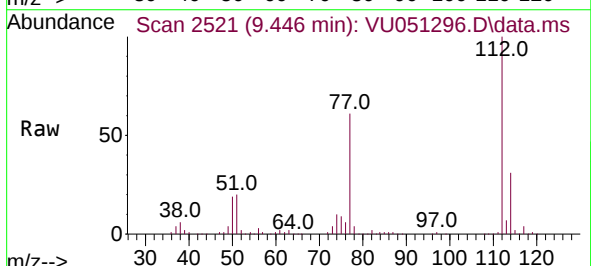
Tgt Ion:112 Resp: 222097

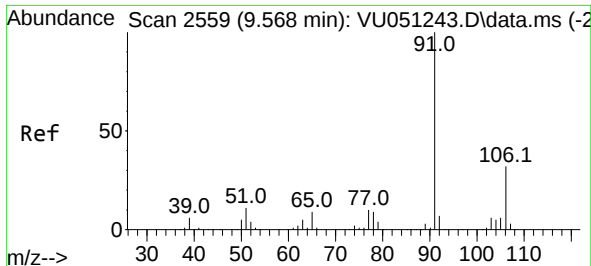
Ion Ratio Lower Upper

112 100

114 30.5 22.3 41.5

77 61.3 48.1 72.1

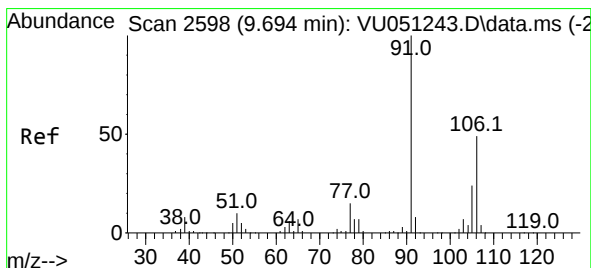
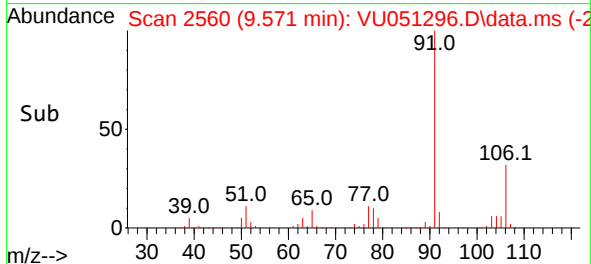
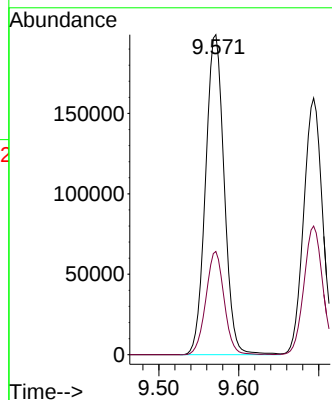
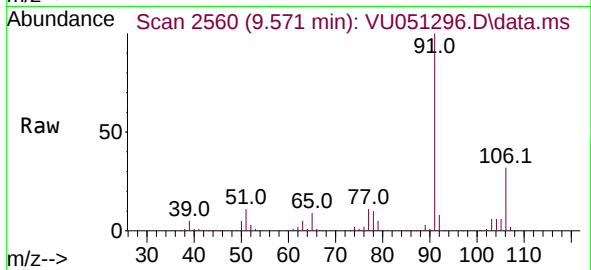




#52
Ethylbenzene
Concen: 4.684 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.003 min
Lab File: VU051296.D
Acq: 09 Oct 2022 12:34

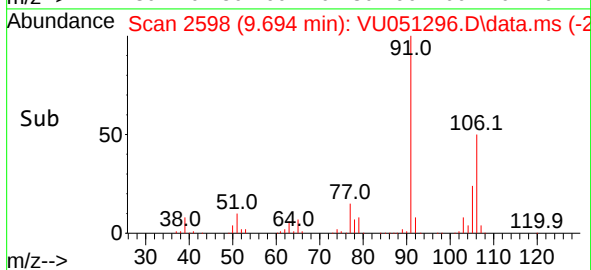
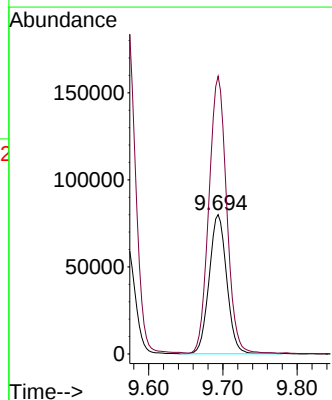
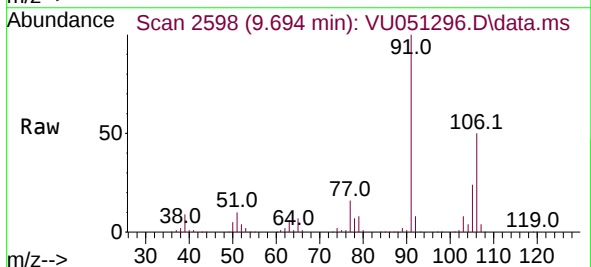
Instrument :
MSVOA_U
ClientSampleId :
VSTD005169

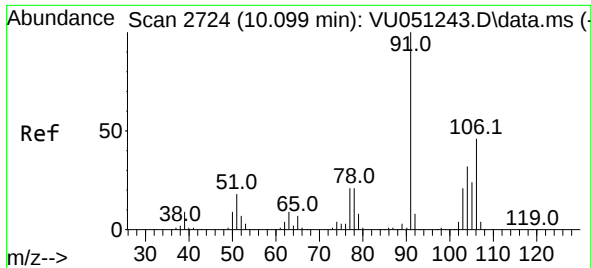
Tgt Ion: 91 Resp: 322734
Ion Ratio Lower Upper
91 100
106 32.3 20.9 38.7



#53
m,p-Xylene
Concen: 4.908 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU051296.D
Acq: 09 Oct 2022 12:34

Tgt Ion: 106 Resp: 131153
Ion Ratio Lower Upper
106 100
91 199.4 143.9 267.3

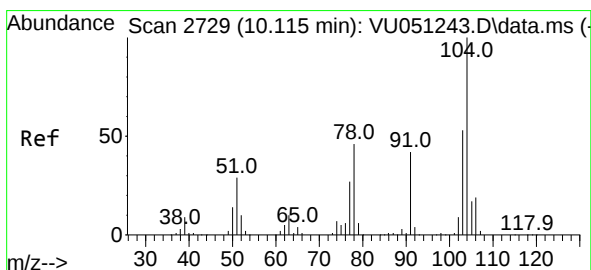
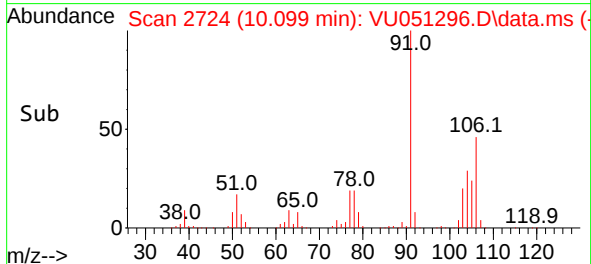
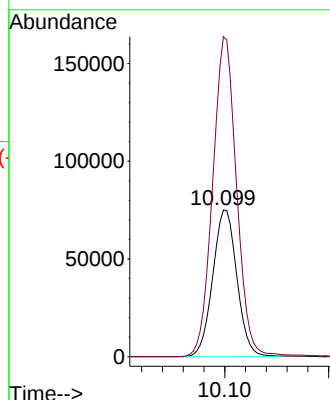
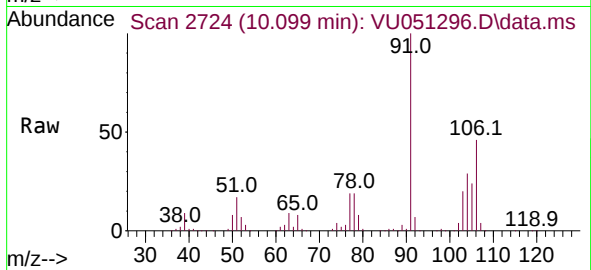




#54
o-Xylene
Concen: 4.798 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. 0.000 min
Lab File: VU051296.D
Acq: 09 Oct 2022 12:34

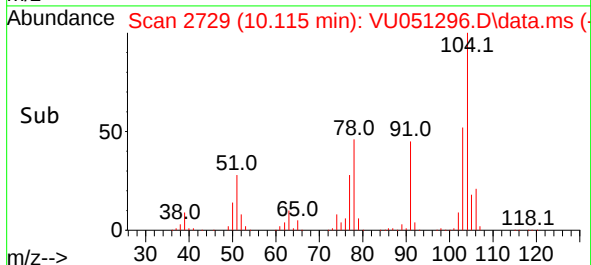
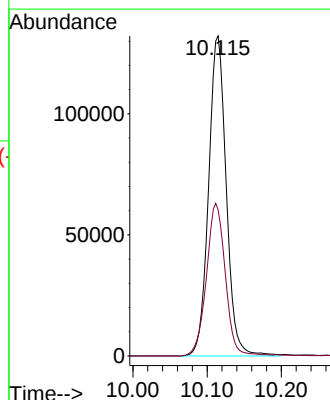
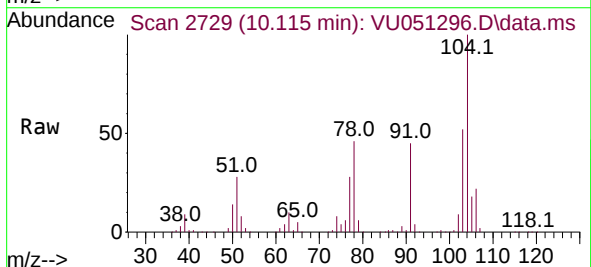
Instrument :
MSVOA_U
ClientSampleId :
VSTD005169

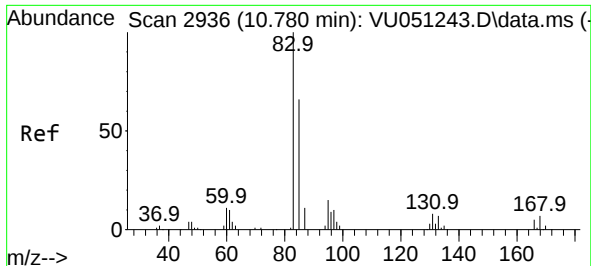
Tgt Ion:106 Resp: 121321
Ion Ratio Lower Upper
106 100
91 218.2 154.4 286.8



#55
Styrene
Concen: 5.015 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU051296.D
Acq: 09 Oct 2022 12:34

Tgt Ion:104 Resp: 218276
Ion Ratio Lower Upper
104 100
78 45.7 32.1 59.7

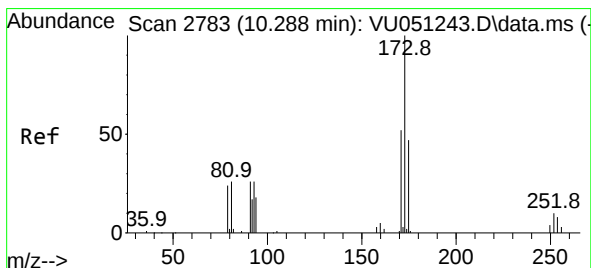
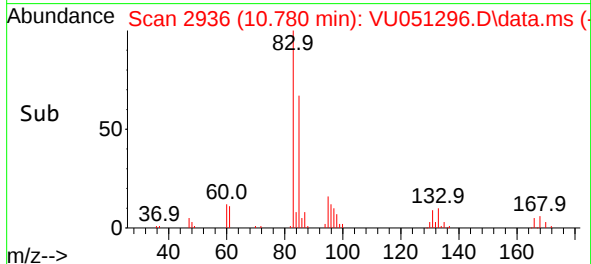
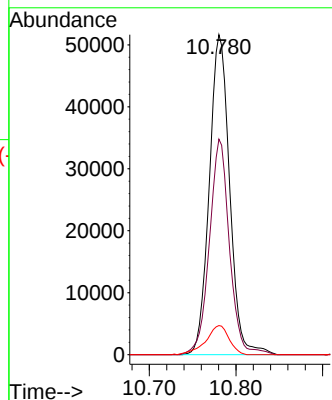
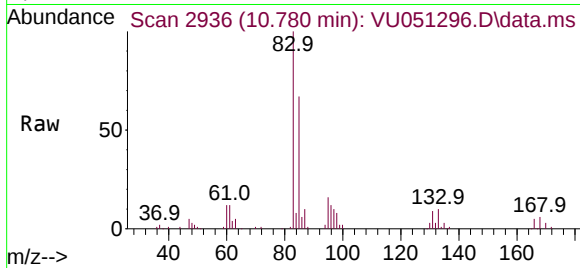




#57
1,1,2,2-Tetrachloroethane
Concen: 4.892 ug/L
RT: 10.780 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VU051296.D
Acq: 09 Oct 2022 12:34

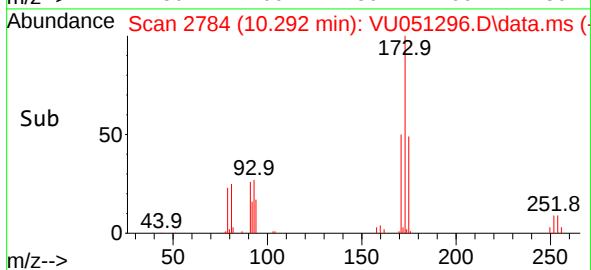
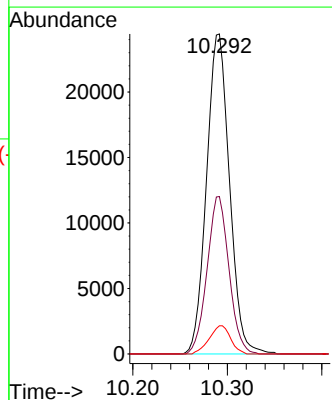
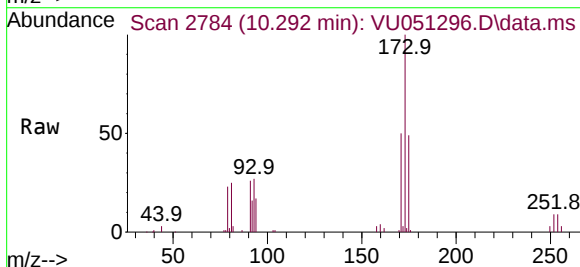
Instrument :
MSVOA_U
ClientSampleId :
VSTD005169

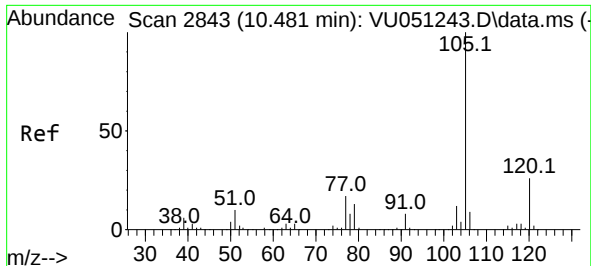
Tgt Ion: 83 Resp: 84173
Ion Ratio Lower Upper
83 100
85 67.3 45.9 85.3
131 9.1 7.4 11.2



#59
Bromoform
Concen: 4.402 ug/L
RT: 10.292 min Scan# 2784
Delta R.T. 0.003 min
Lab File: VU051296.D
Acq: 09 Oct 2022 12:34

Tgt Ion: 173 Resp: 41173
Ion Ratio Lower Upper
173 100
175 46.9 39.0 58.4
254 8.2 7.5 11.3

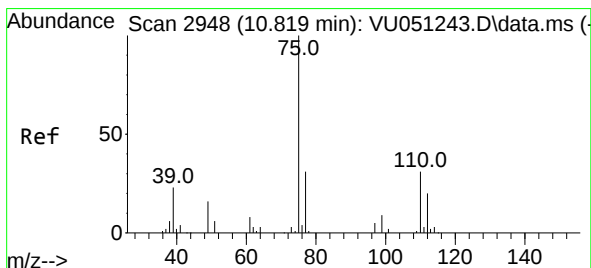
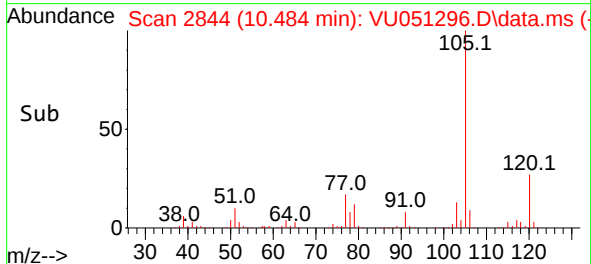
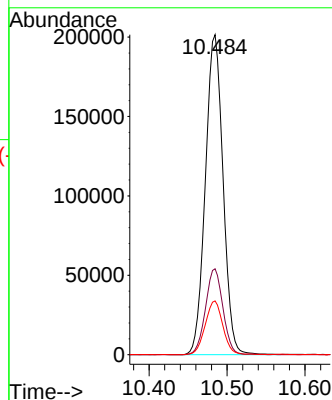
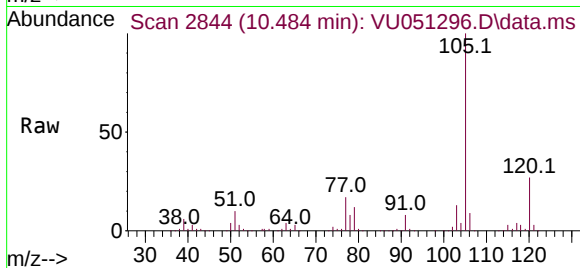




#60
Isopropylbenzene
Concen: 4.460 ug/L
RT: 10.484 min Scan# 2843
Delta R.T. 0.003 min
Lab File: VU051296.D
Acq: 09 Oct 2022 12:34

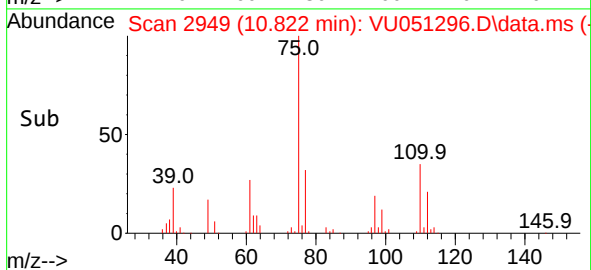
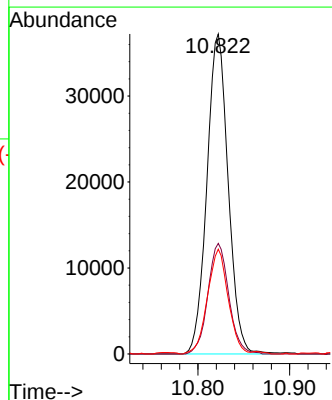
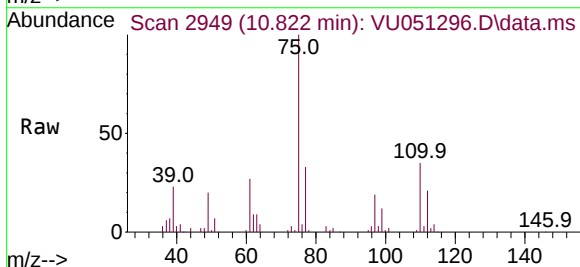
Instrument :
MSVOA_U
ClientSampleId :
VSTD005169

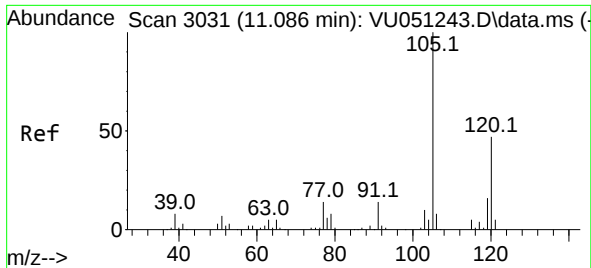
Tgt Ion:105 Resp: 317627
Ion Ratio Lower Upper
105 100
120 26.4 20.6 30.8
77 16.9 13.5 20.3



#61
1,2,3-Trichloropropane
Concen: 4.227 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.003 min
Lab File: VU051296.D
Acq: 09 Oct 2022 12:34

Tgt Ion: 75 Resp: 60007
Ion Ratio Lower Upper
75 100
110 34.0 27.0 40.6
77 31.8 26.4 39.6

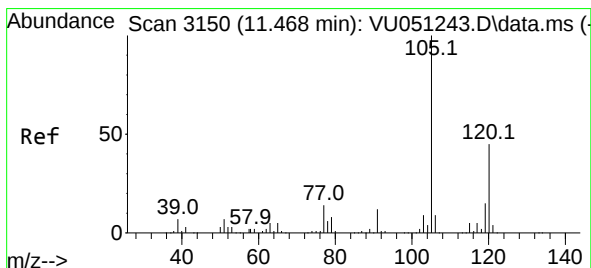
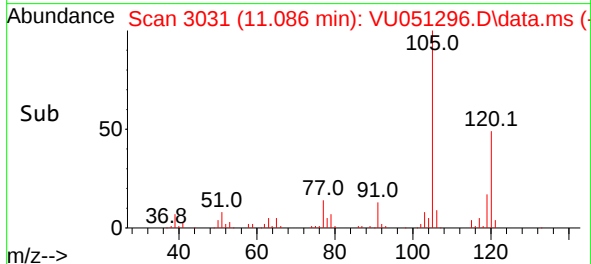
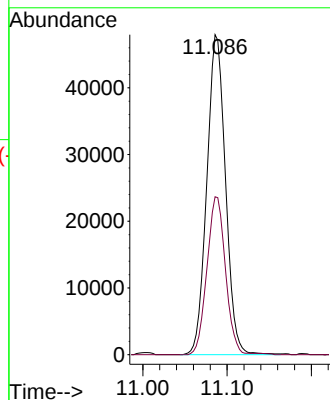
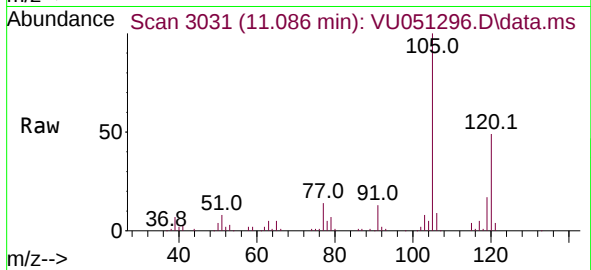




#62
1,3,5-Trimethylbenzene
Concen: 3.920 ug/L
RT: 11.086 min Scan# 3031
Delta R.T. 0.000 min
Lab File: VU051296.D
Acq: 09 Oct 2022 12:34

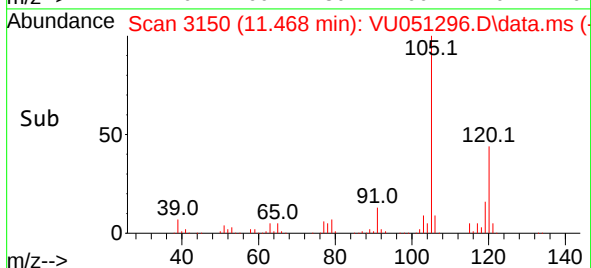
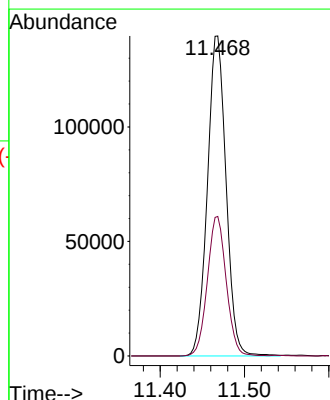
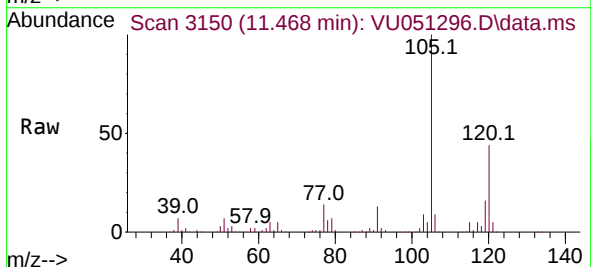
Instrument :
MSVOA_U
ClientSampleId :
VSTD005169

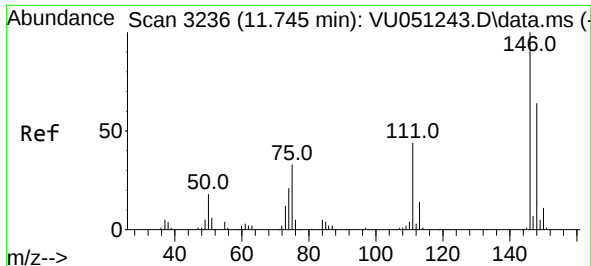
Tgt Ion:105 Resp: 74058
Ion Ratio Lower Upper
105 100
120 49.1 37.7 56.5



#63
1,2,4-Trimethylbenzene
Concen: 4.034 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU051296.D
Acq: 09 Oct 2022 12:34

Tgt Ion:105 Resp: 215495
Ion Ratio Lower Upper
105 100
120 44.1 35.6 53.4

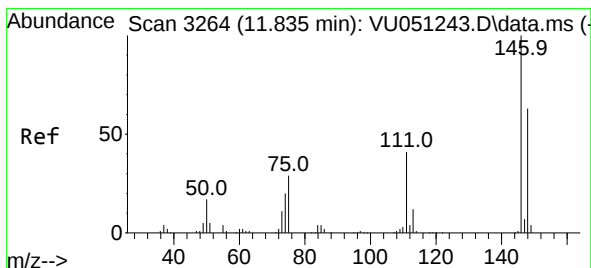
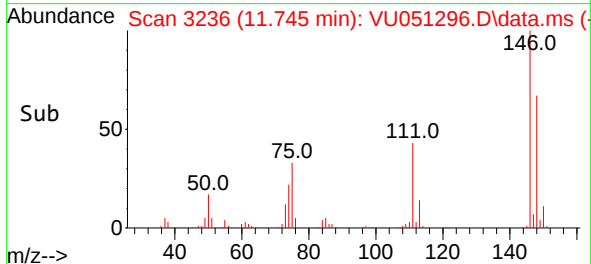
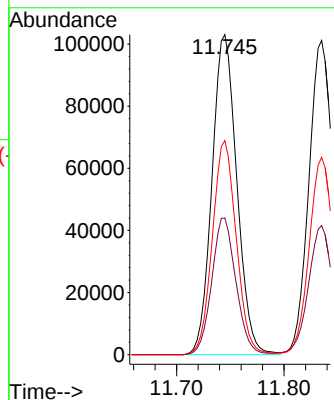
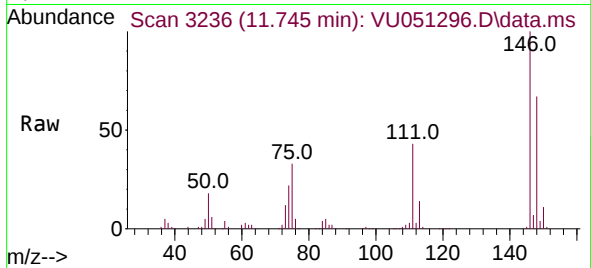




#64
1,3-Dichlorobenzene
Concen: 4.701 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU051296.D
Acq: 09 Oct 2022 12:34

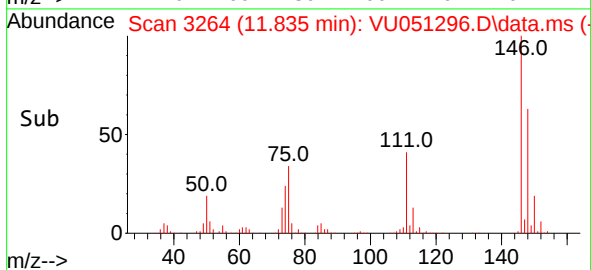
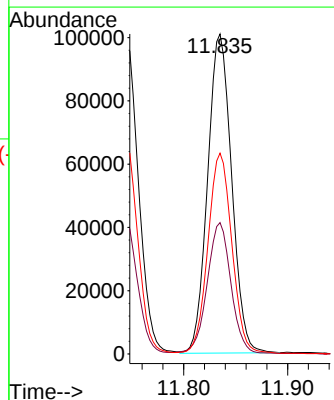
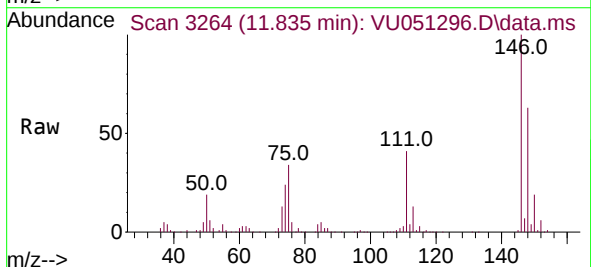
Instrument :
MSVOA_U
ClientSampleId :
VSTD005169

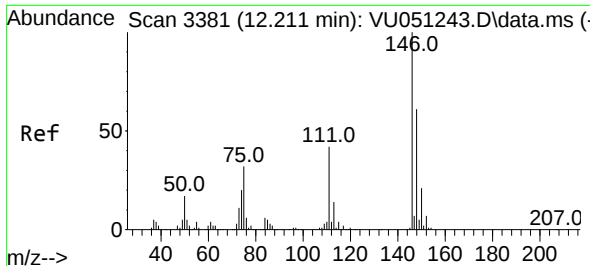
Tgt Ion:146 Resp: 165597
Ion Ratio Lower Upper
146 100
111 42.7 28.3 52.7
148 66.9 43.8 81.4



#65
1,4-Dichlorobenzene
Concen: 4.656 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU051296.D
Acq: 09 Oct 2022 12:34

Tgt Ion:146 Resp: 161668
Ion Ratio Lower Upper
146 100
111 41.1 29.1 54.1
148 62.8 44.2 82.0





#67

1,2-Dichlorobenzene

Concen: 4.560 ug/L

RT: 12.211 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU051296.D

Acq: 09 Oct 2022 12:34

Instrument :

MSVOA_U

ClientSampleId :

VSTD005169

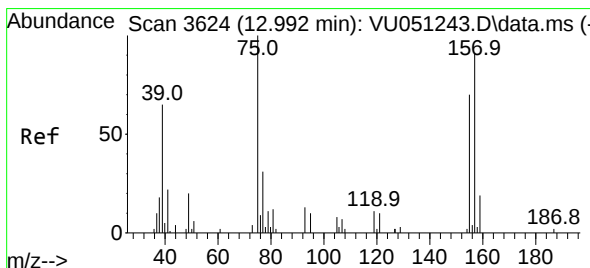
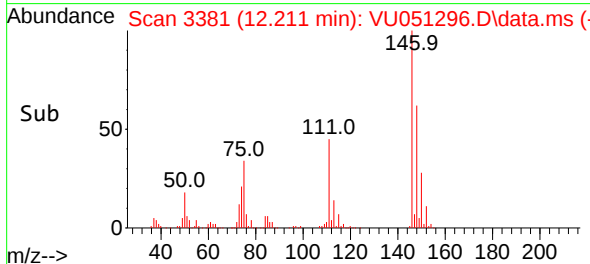
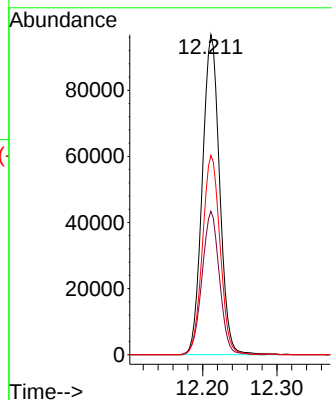
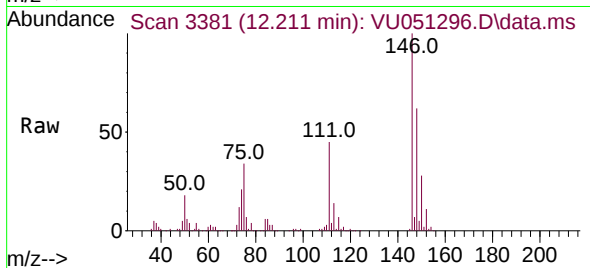
Tgt Ion:146 Resp: 156145

Ion Ratio Lower Upper

146 100

111 44.8 35.5 53.3

148 62.3 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 4.466 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. 0.003 min

Lab File: VU051296.D

Acq: 09 Oct 2022 12:34

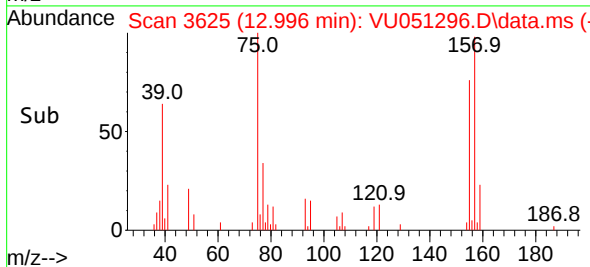
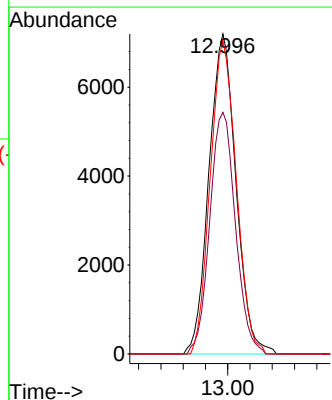
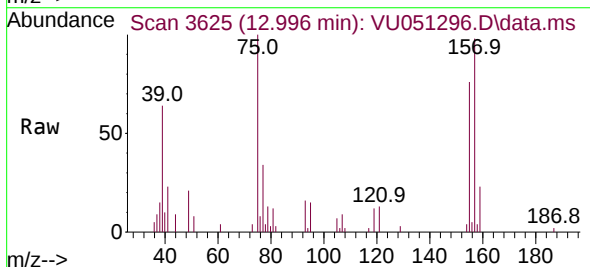
Tgt Ion: 75 Resp: 12128

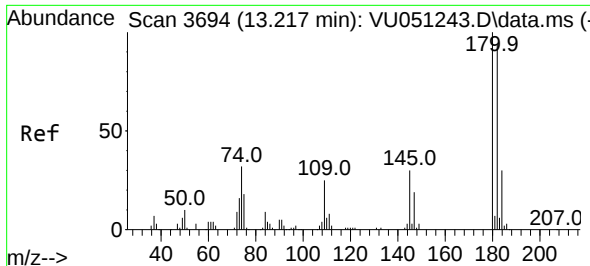
Ion Ratio Lower Upper

75 100

155 75.5 62.7 94.1

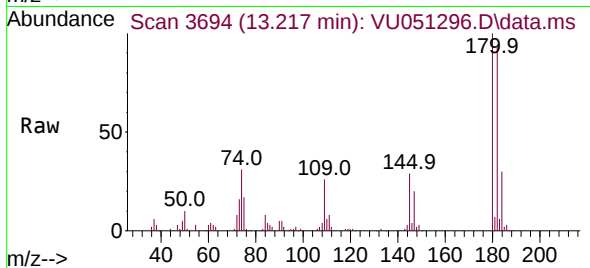
157 97.9 78.3 117.5



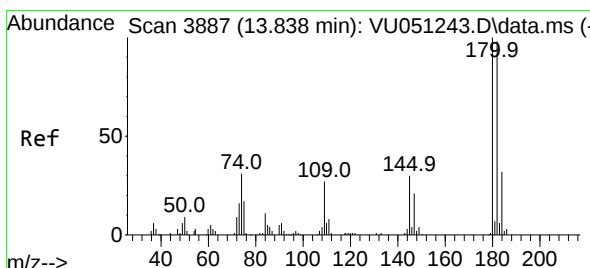
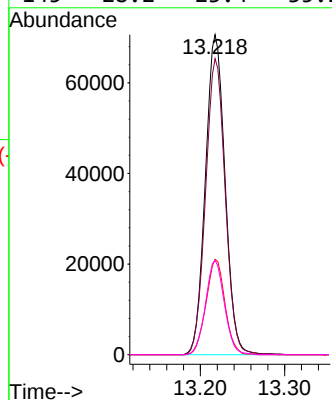
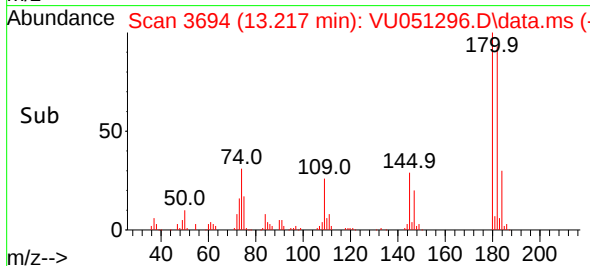


#69
 1,3,5-Trichlorobenzene
 Concen: 4.720 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. 0.000 min
 Lab File: VU051296.D
 Acq: 09 Oct 2022 12:34

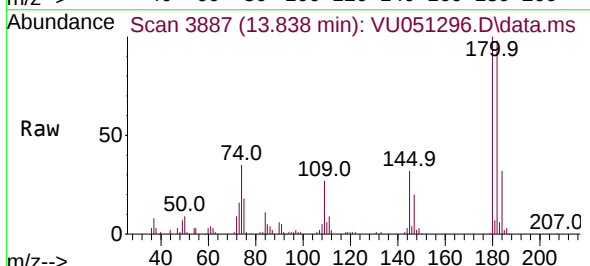
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005169



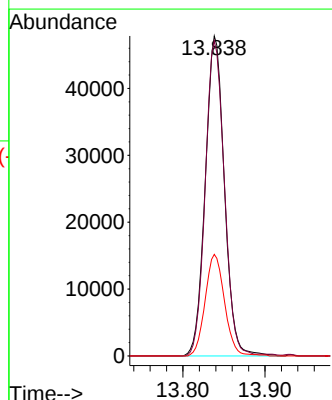
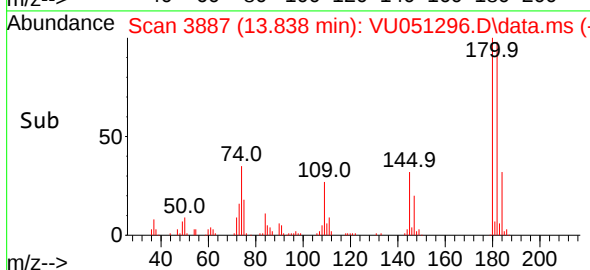
Tgt Ion:180 Resp: 114601
 Ion Ratio Lower Upper
 180 100
 182 92.5 77.7 116.5
 184 28.8 23.6 35.4
 145 28.2 23.4 35.2

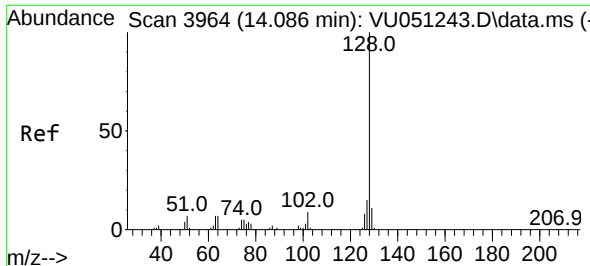


#70
 1,2,4-trichlorobenzene
 Concen: 4.491 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. 0.000 min
 Lab File: VU051296.D
 Acq: 09 Oct 2022 12:34



Tgt Ion:180 Resp: 77497
 Ion Ratio Lower Upper
 180 100
 182 98.4 78.7 118.1
 145 32.2 25.0 37.4

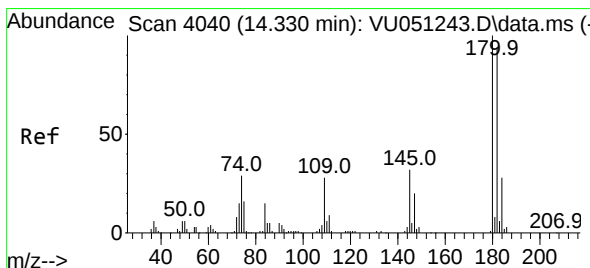
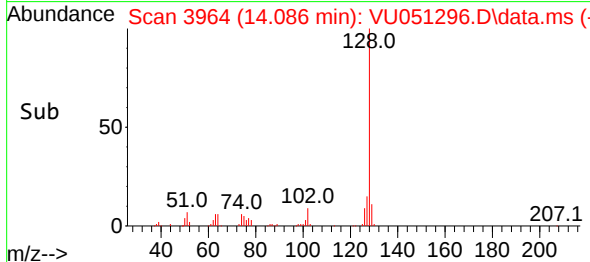
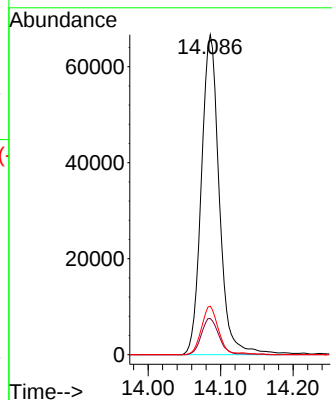
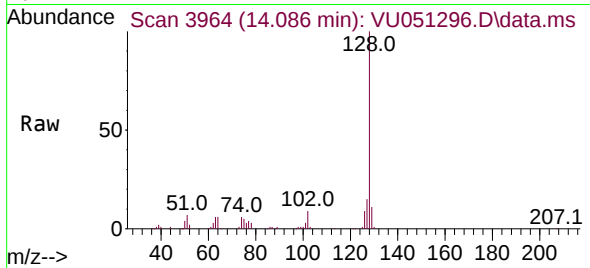




#71
Naphthalene
Concen: 3.572 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU051296.D
Acq: 09 Oct 2022 12:34

Instrument :
MSVOA_U
ClientSampleId :
VSTD005169

Tgt Ion:128 Resp: 114578
Ion Ratio Lower Upper
128 100
129 11.2 8.5 12.7
127 14.2 11.1 16.7



#72
1,2,3-Trichlorobenzene
Concen: 4.289 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. -0.003 min
Lab File: VU051296.D
Acq: 09 Oct 2022 12:34

Tgt Ion:180 Resp: 76565
Ion Ratio Lower Upper
180 100
182 96.6 76.6 114.8
145 32.9 25.8 38.8

