

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102822\
 Data File : VU051565.D
 Acq On : 28 Oct 2022 13:35
 Operator : JC/MD
 Sample : VSTD00163
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001063

Quant Time: Oct 28 22:30:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 28 22:30:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	210951	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	216368	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	98375	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	15418	0.970	ug/L	0.00
7) Chloroethane-d5	1.912	69	16001	0.966	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.562	65	5612	0.973	ug/L	0.00
20) 2-Butanone-d5	4.642	46	47234	8.209	ug/L	0.00
24) Chloroform-d	5.063	84	34066	0.916	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.703	65	18918	0.942	ug/L	0.00
32) Benzene-d6	5.726	84	62232	0.911	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.687	67	21303	0.892	ug/L	0.00
41) Toluene-d8	7.896	98	45690	0.851	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	6339	0.868	ug/L	0.00
46) 2-Hexanone-d5	8.632	63	30180	6.867	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.755	84	19729	0.902	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	16246	0.900	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	21488	0.931	ug/L	99
3) Chloromethane	1.523	50	29070	1.000	ug/L	96
5) Vinyl chloride	1.601	62	25840	0.928	ug/L	97
6) Bromomethane	1.855	94	12219	0.925	ug/L	97
8) Chloroethane	1.932	64	16137	0.954	ug/L	99
9) Trichlorofluoromethane	2.138	101	28527	0.933	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	16565	0.921	ug/L	94
12) 1,1-Dichloroethene	2.578	96	17209	0.938	ug/L	95
13) Acetone	2.649	43	27200	9.317	ug/L	99
14) Carbon disulfide	2.790	76	55414	0.937	ug/L	99
15) Methyl Acetate	2.967	43	7198	0.942	ug/L	# 90
16) Methylene chloride	3.044	84	30126	1.003	ug/L	96
17) Methyl tert-butyl Ether	3.363	73	36308	0.863	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	18248	0.927	ug/L	95
19) 1,1-Dichloroethane	3.871	63	32780	0.903	ug/L	99
21) 2-Butanone	4.723	43	38601	8.443	ug/L	98
22) cis-1,2-Dichloroethene	4.668	96	19205	0.882	ug/L	99
23) Bromochloromethane	4.973	128	9636	0.946	ug/L	94
25) Chloroform	5.086	83	35630	0.946	ug/L	96
27) 1,2-Dichloroethane	5.793	62	21625	0.933	ug/L	98
29) 1,1,1-Trichloroethane	5.314	97	26827	0.913	ug/L	99
30) Cyclohexane	5.385	56	21720	0.803	ug/L	99
31) Carbon tetrachloride	5.523	117	23417	0.932	ug/L	98
33) Benzene	5.774	78	75951	0.890	ug/L	100
34) Trichloroethene	6.542	95	18852	0.915	ug/L	98
35) Methylcyclohexane	6.761	83	21686	0.761	ug/L	95
37) 1,2-Dichloropropane	6.790	63	19686	0.896	ug/L	100
38) Bromodichloromethane	7.102	83	24189	0.902	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	23768	0.844	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	85919	7.800	ug/L	97
42) Toluene	7.967	91	73058	0.833	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	19172	0.814	ug/L	98

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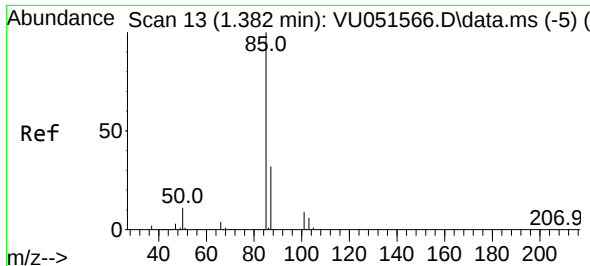
Instrument :
 MSVOA_U
 ClientSampleId :
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Quant Time: Oct 28 22:30:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

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

45) 1,1,2-Trichloroethane	8.398	97	14564	0.905	ug/L	99
47) Tetrachloroethene	8.552	164	13934	0.883	ug/L	88
48) 2-Hexanone	8.687	43	65444	8.026	ug/L	94
49) Dibromochloromethane	8.806	129	16488	0.897	ug/L	96
50) 1,2-Dibromoethane	8.922	107	13186	0.908	ug/L	98
51) Chlorobenzene	9.446	112	48680	0.882	ug/L	99
52) Ethylbenzene	9.568	91	67054	0.793	ug/L	98
53) m,p-Xylene	9.693	106	23773	0.723	ug/L	90
54) o-Xylene	10.099	106	24014	0.748	ug/L	99
55) Styrene	10.115	104	37541	0.699	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	17938	0.899	ug/L	94
59) Bromoform	10.288	173	8890	0.978	ug/L	99
60) Isopropylbenzene	10.481	105	57622	0.802	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	12137	0.954	ug/L	97
62) 1,3,5-Trimethylbenzene	11.086	105	15875	0.821	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	40605	0.728	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	32695	0.914	ug/L	100
65) 1,4-Dichlorobenzene	11.835	146	31084	0.867	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	31039	0.891	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.002	75	2252	0.860	ug/L	89
69) 1,3,5-Trichlorobenzene	13.217	180	22241	0.873	ug/L	97
70) 1,2,4-trichlorobenzene	13.841	180	15696	0.802	ug/L	95
71) Naphthalene	14.089	128	25550	0.700	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	15590	0.789	ug/L	97

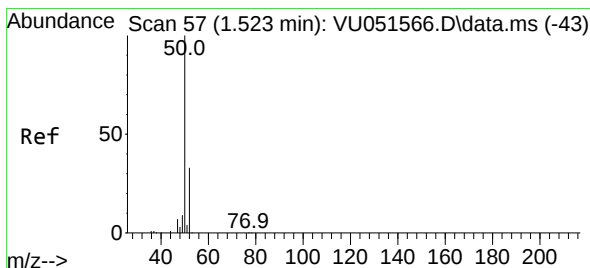
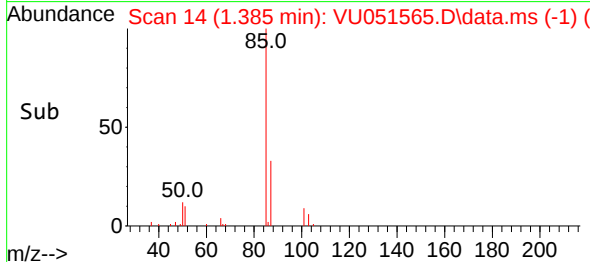
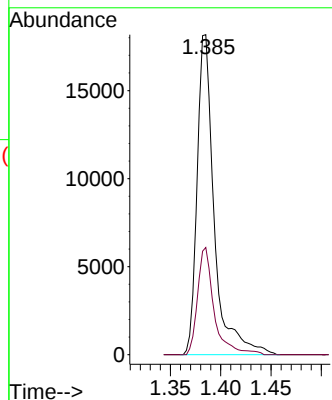
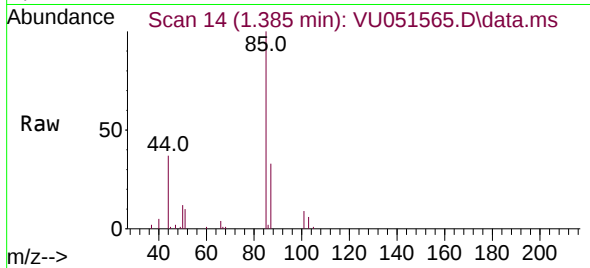
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 0.931 ug/L
 RT: 1.385 min Scan# 14
 Delta R.T. 0.003 min
 Lab File: VU051565.D
 Acq: 28 Oct 2022 13:35

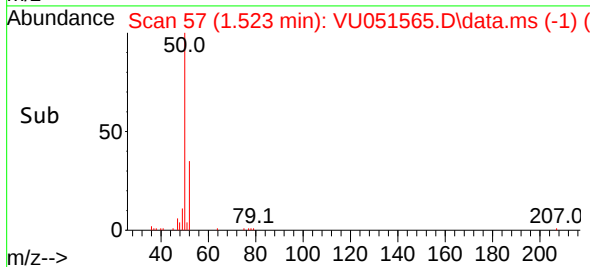
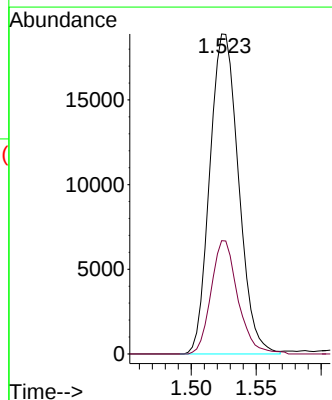
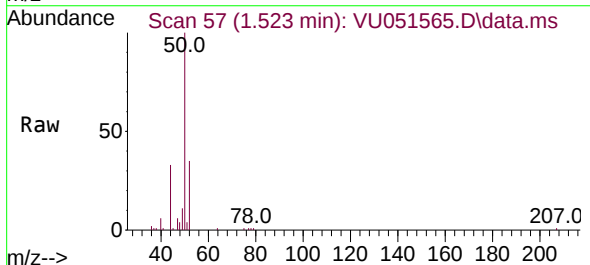
Instrument :
 MSVOA_U
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 VSTD001063

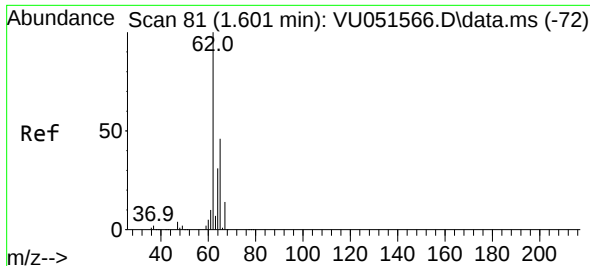
Tgt Ion: 85 Resp: 21488
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.7 38.5



#3
 Chloromethane
 Concen: 1.000 ug/L
 RT: 1.523 min Scan# 57
 Delta R.T. -0.000 min
 Lab File: VU051565.D
 Acq: 28 Oct 2022 13:35

Tgt Ion: 50 Resp: 29070
 Ion Ratio Lower Upper
 50 100
 52 35.4 23.2 43.2

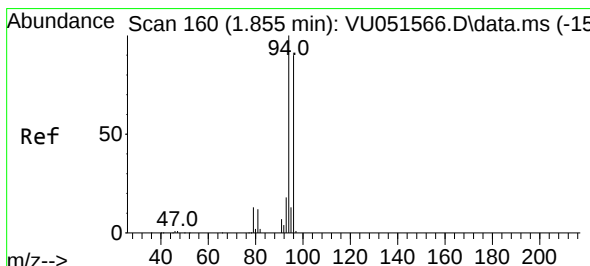
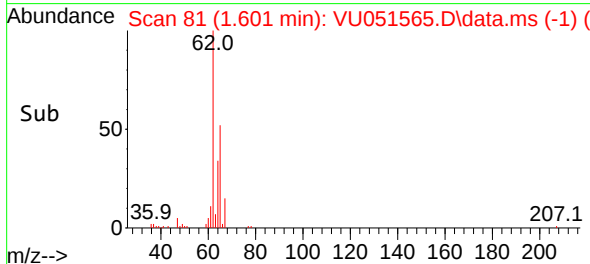
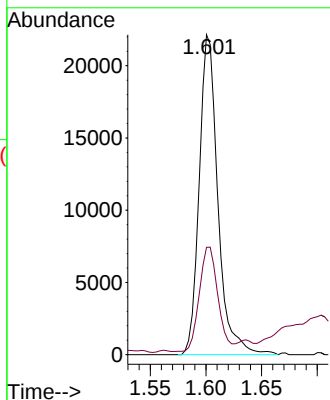
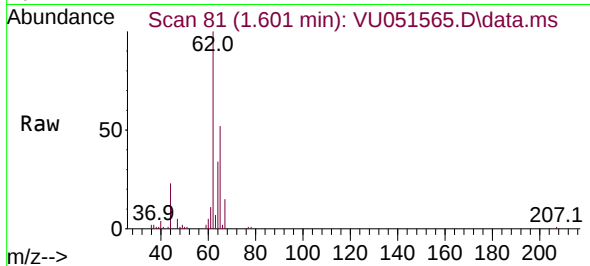




#5
 Vinyl chloride
 Concen: 0.928 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU051565.D
 Acq: 28 Oct 2022 13:35

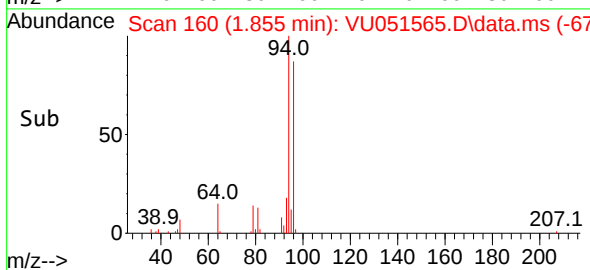
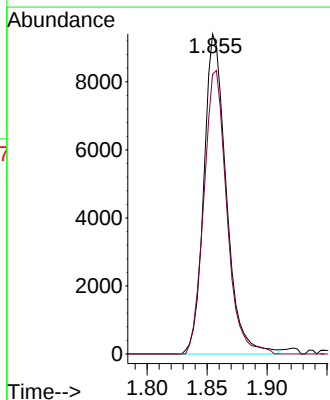
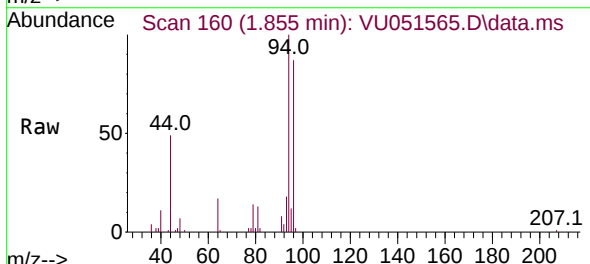
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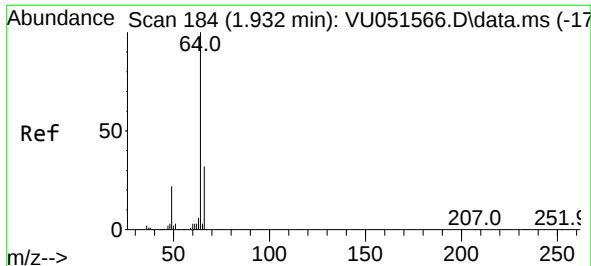
Tgt Ion: 62 Resp: 25840
 Ion Ratio Lower Upper
 62 100
 64 33.5 22.1 41.1



#6
 Bromomethane
 Concen: 0.925 ug/L
 RT: 1.855 min Scan# 160
 Delta R.T. -0.000 min
 Lab File: VU051565.D
 Acq: 28 Oct 2022 13:35

Tgt Ion: 94 Resp: 12219
 Ion Ratio Lower Upper
 94 100
 96 87.5 63.2 117.4

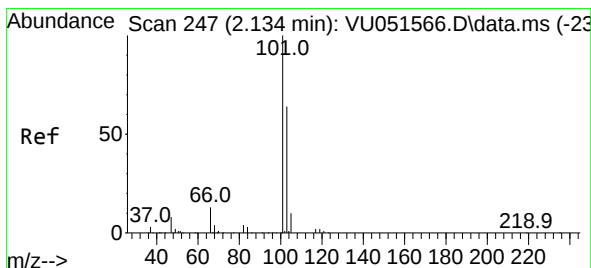
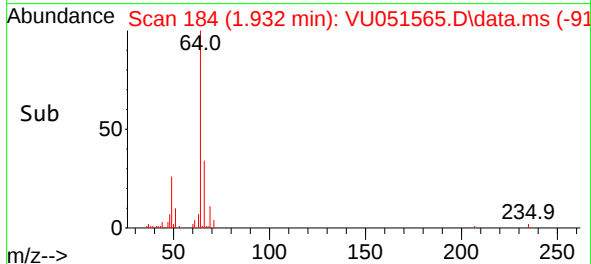
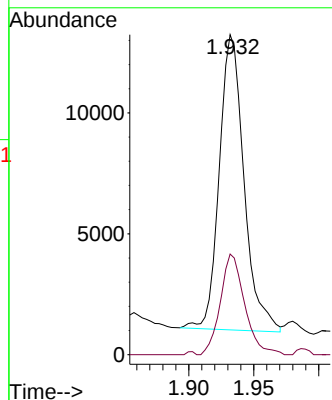
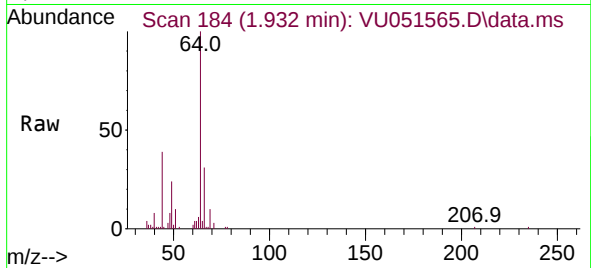




#8
Chloroethane
Concen: 0.954 ug/L
RT: 1.932 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU051565.D
Acq: 28 Oct 2022 13:35

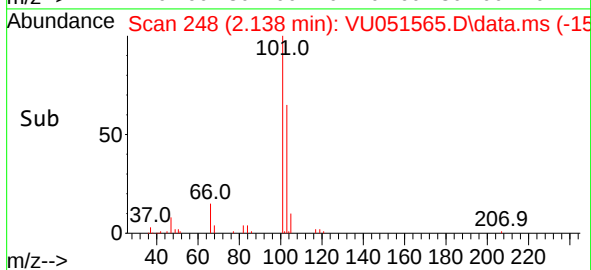
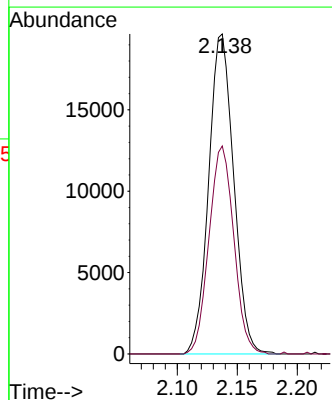
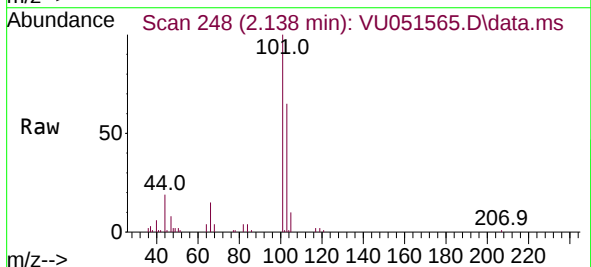
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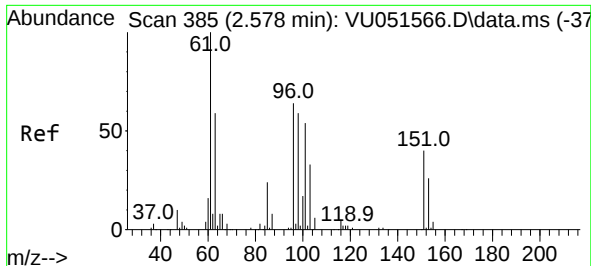
Tgt Ion: 64 Resp: 16137
Ion Ratio Lower Upper
64 100
66 31.5 22.3 41.5



#9
Trichlorofluoromethane
Concen: 0.933 ug/L
RT: 2.138 min Scan# 248
Delta R.T. 0.003 min
Lab File: VU051565.D
Acq: 28 Oct 2022 13:35

Tgt Ion:101 Resp: 28527
Ion Ratio Lower Upper
101 100
103 64.4 51.8 77.6





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.921 ug/L

RT: 2.578 min Scan# 385

Delta R.T. -0.000 min

Lab File: VU051565.D

Acq: 28 Oct 2022 13:35

Instrument :

MSVOA_U

ClientSampleId :

VSTD001063

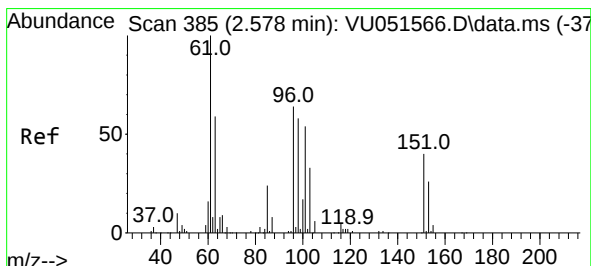
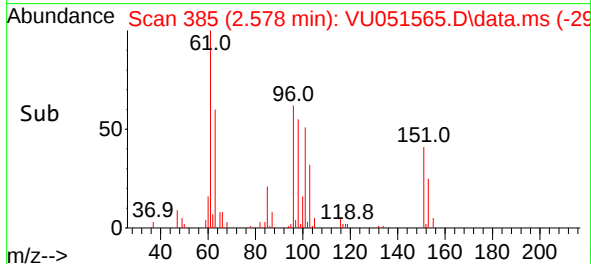
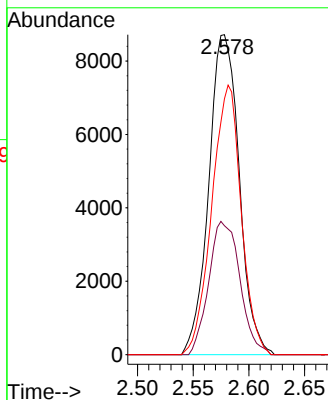
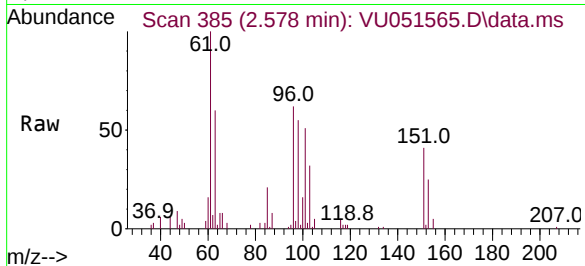
Tgt Ion:101 Resp: 16565

Ion Ratio Lower Upper

101 100

85 42.6 35.6 53.4

151 81.4 59.6 89.4



#12

1,1-Dichloroethene

Concen: 0.938 ug/L

RT: 2.578 min Scan# 385

Delta R.T. -0.000 min

Lab File: VU051565.D

Acq: 28 Oct 2022 13:35

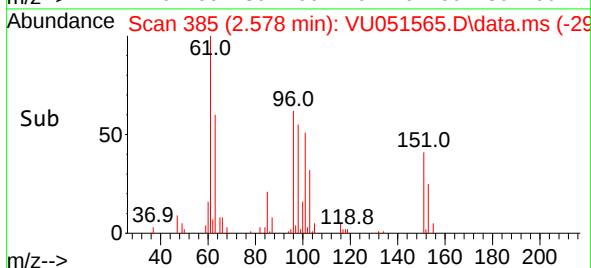
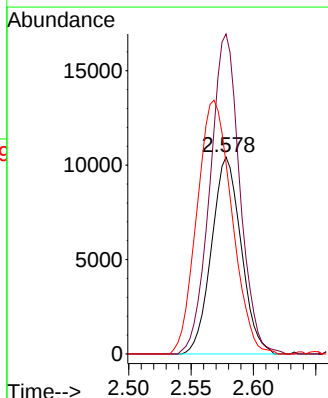
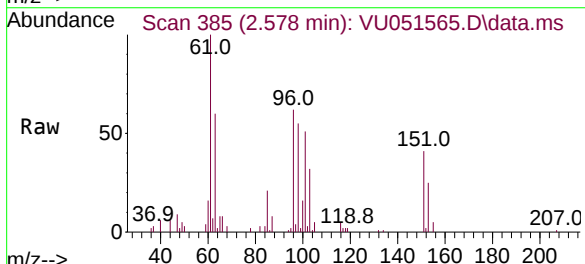
Tgt Ion: 96 Resp: 17209

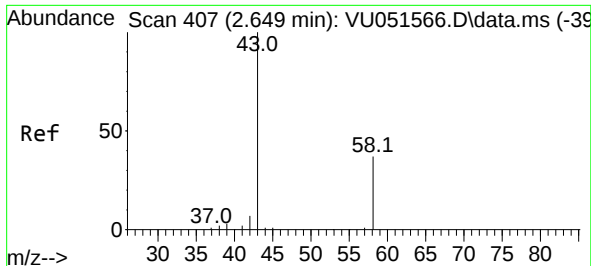
Ion Ratio Lower Upper

96 100

61 162.4 108.8 202.0

63 96.9 64.9 120.5





#13

Acetone

Concen: 9.317 ug/L

RT: 2.649 min Scan# 407

Delta R.T. -0.000 min

Lab File: VU051565.D

Acq: 28 Oct 2022 13:35

Instrument :

MSVOA_U

ClientSampleId :

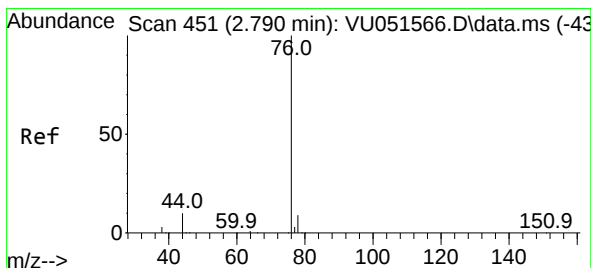
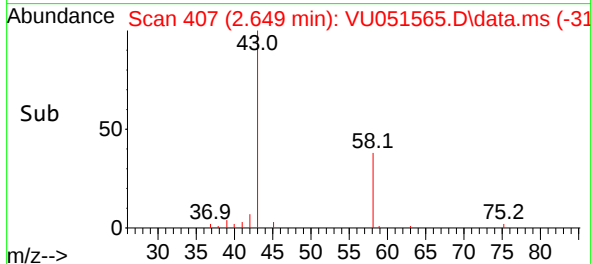
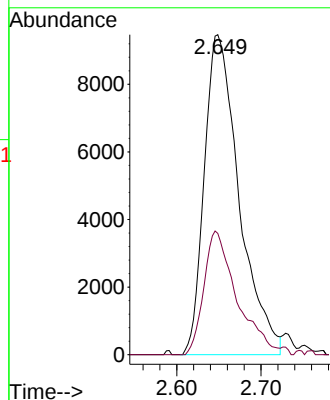
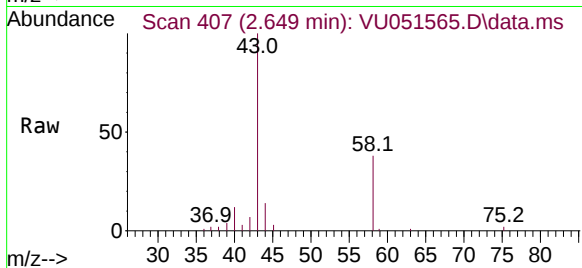
VSTD001063

Tgt Ion: 43 Resp: 27200

Ion Ratio Lower Upper

43 100

58 36.6 0.0 73.8



#14

Carbon disulfide

Concen: 0.937 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.000 min

Lab File: VU051565.D

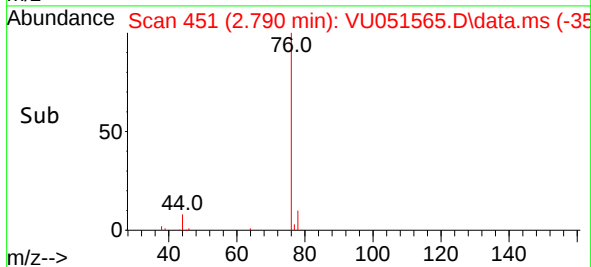
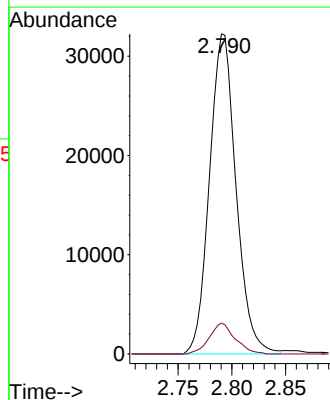
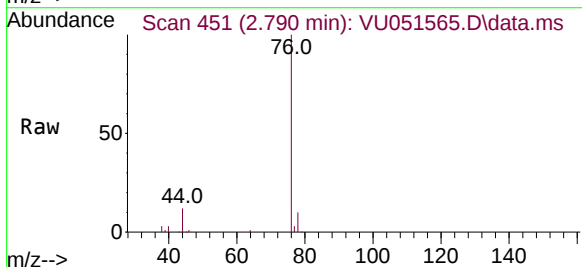
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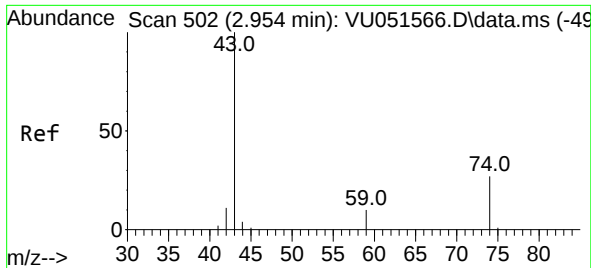
Tgt Ion: 76 Resp: 55414

Ion Ratio Lower Upper

76 100

78 9.7 7.4 11.2

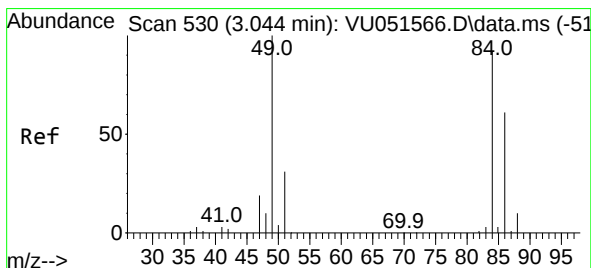
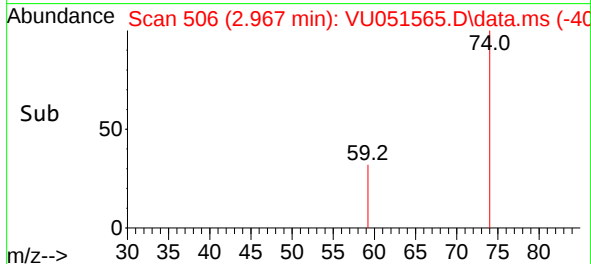
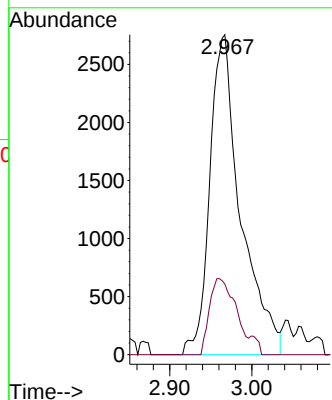
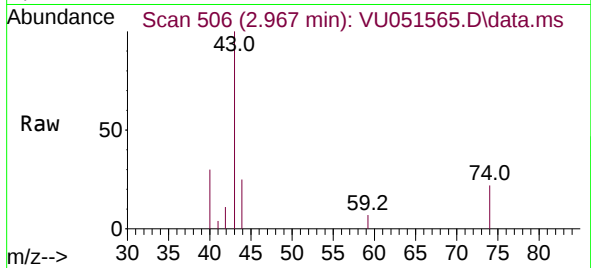




#15
Methyl Acetate
Concen: 0.942 ug/L
RT: 2.967 min Scan# 506
Delta R.T. 0.013 min
Lab File: VU051565.D
Acq: 28 Oct 2022 13:35

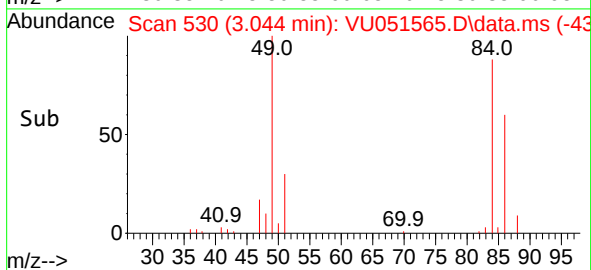
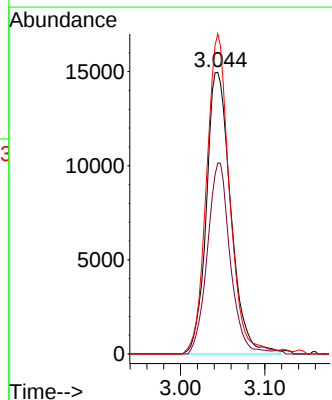
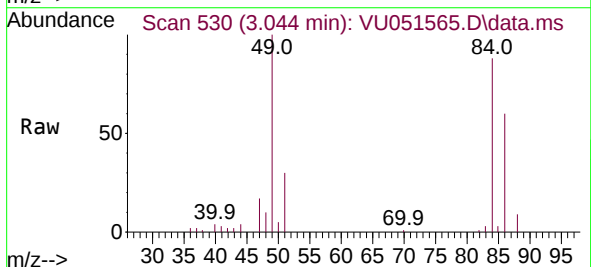
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ClientSampleId :
VSTD001063

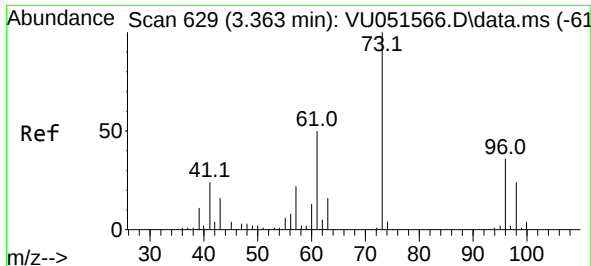
Tgt Ion: 43 Resp: 7198
Ion Ratio Lower Upper
43 100
74 20.1 20.2 30.4#



#16
Methylene chloride
Concen: 1.003 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.000 min
Lab File: VU051565.D
Acq: 28 Oct 2022 13:35

Tgt Ion: 84 Resp: 30126
Ion Ratio Lower Upper
84 100
86 67.9 46.3 85.9
49 113.6 76.0 141.2





#17

Methyl tert-butyl Ether

Concen: 0.863 ug/L

RT: 3.363 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU051565.D

Acq: 28 Oct 2022 13:35

Instrument :

MSVOA_U

ClientSampleId :

VSTD001063

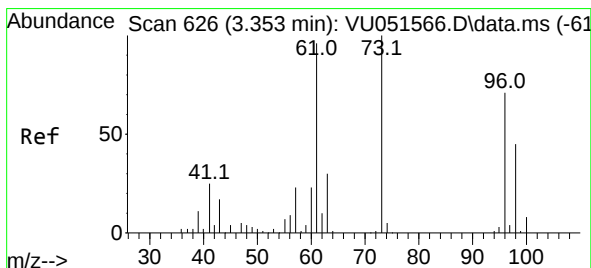
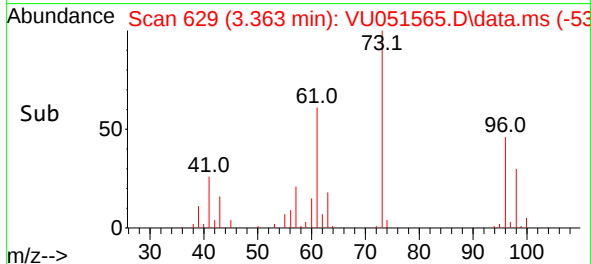
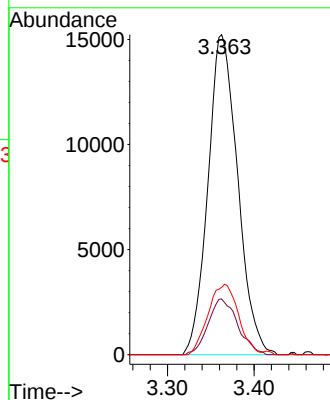
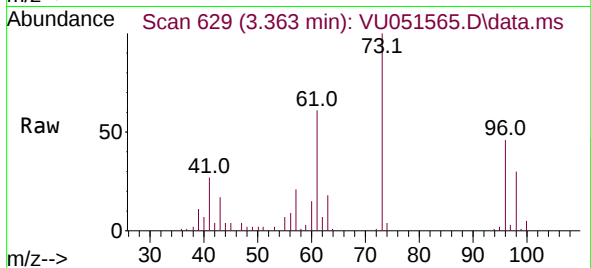
Tgt Ion: 73 Resp: 36308

Ion Ratio Lower Upper

73 100

43 17.4 13.6 20.4

57 22.4 17.5 26.3



#18

trans-1,2-Dichloroethene

Concen: 0.927 ug/L

RT: 3.353 min Scan# 626

Delta R.T. -0.000 min

Lab File: VU051565.D

Acq: 28 Oct 2022 13:35

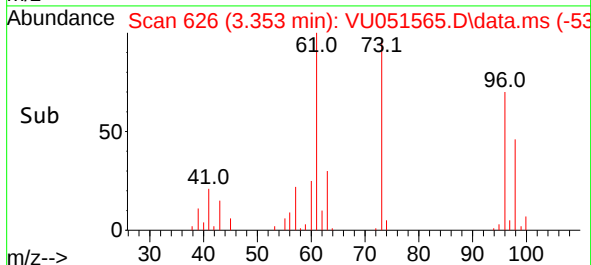
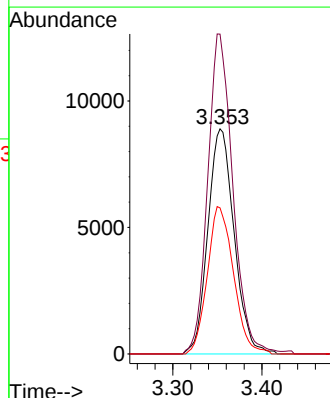
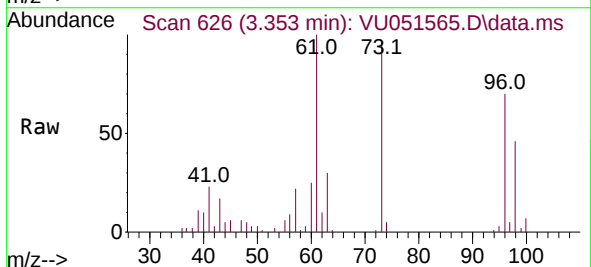
Tgt Ion: 96 Resp: 18248

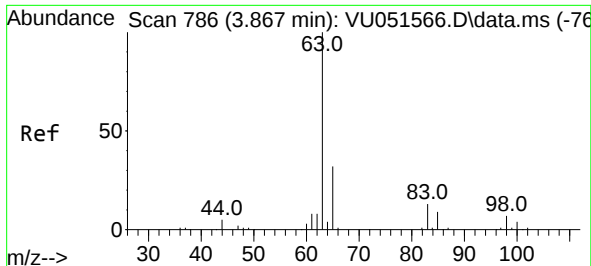
Ion Ratio Lower Upper

96 100

61 142.1 94.7 175.9

98 64.9 44.2 82.0





#19

1,1-Dichloroethane

Concen: 0.903 ug/L

RT: 3.871 min Scan# 71

Delta R.T. 0.003 min

Lab File: VU051565.D

Acq: 28 Oct 2022 13:35

Instrument :

MSVOA_U

ClientSampleId :

VSTD001063

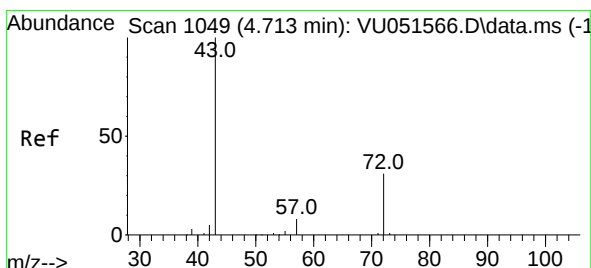
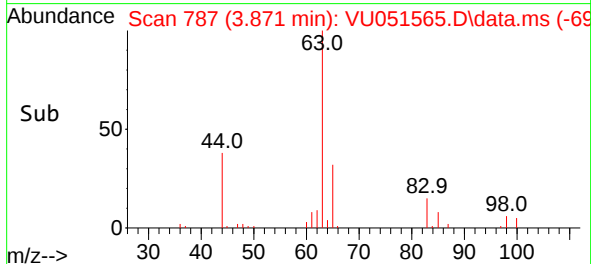
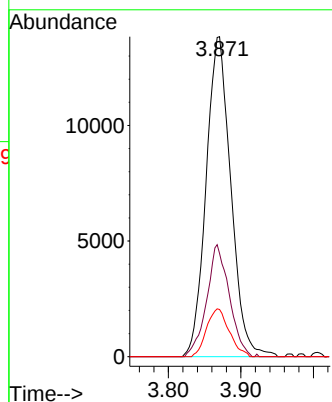
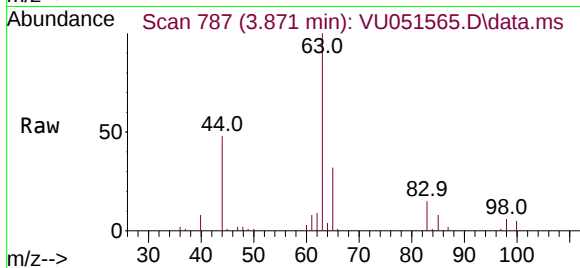
Tgt Ion: 63 Resp: 32780

Ion Ratio Lower Upper

63 100

65 32.2 22.7 42.1

83 14.8 9.2 17.0



#21

2-Butanone

Concen: 8.443 ug/L

RT: 4.723 min Scan# 1052

Delta R.T. 0.010 min

Lab File: VU051565.D

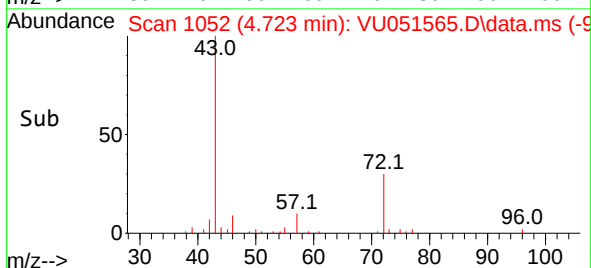
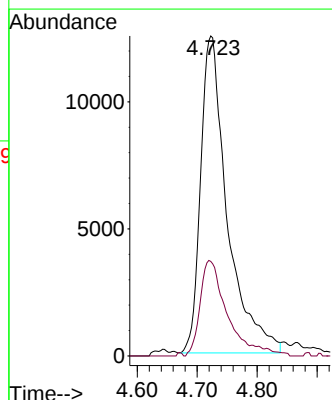
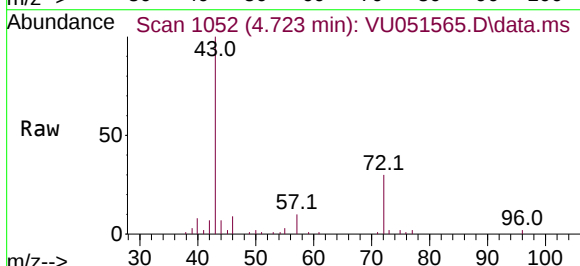
Acq: 28 Oct 2022 13:35

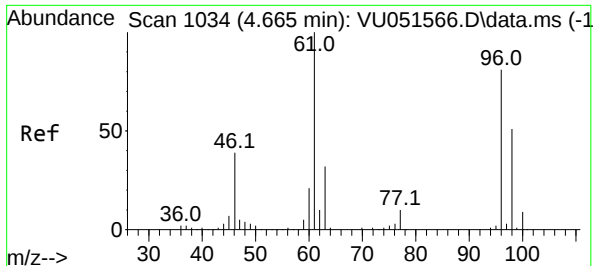
Tgt Ion: 43 Resp: 38601

Ion Ratio Lower Upper

43 100

72 30.9 16.2 48.5





#22

cis-1,2-Dichloroethene

Concen: 0.882 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. 0.003 min

Lab File: VU051565.D

Acq: 28 Oct 2022 13:35

Instrument :

MSVOA_U

ClientSampleId :

VSTD001063

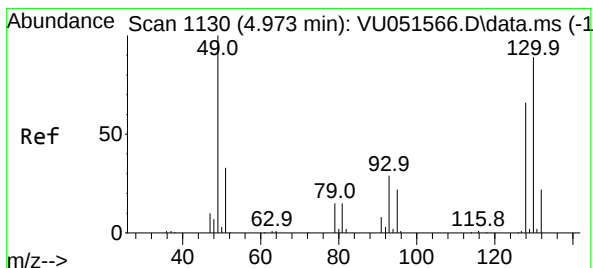
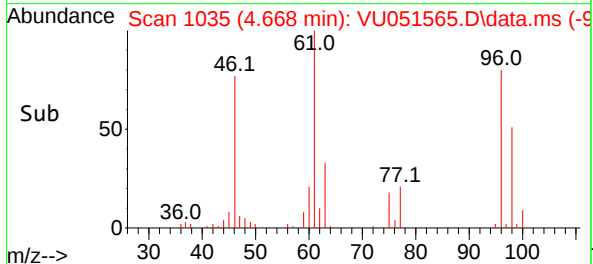
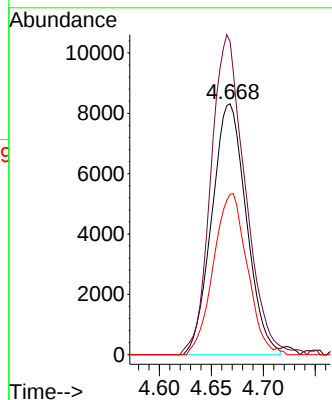
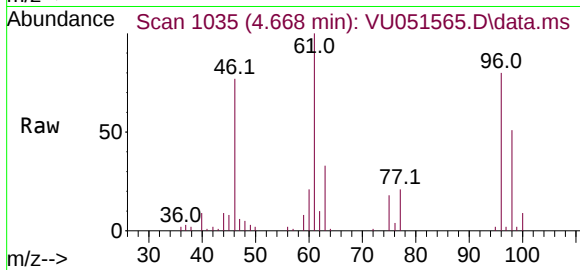
Tgt Ion: 96 Resp: 19205

Ion Ratio Lower Upper

96 100

61 124.8 86.4 160.4

98 63.9 44.2 82.2



#23

Bromochloromethane

Concen: 0.946 ug/L

RT: 4.973 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VU051565.D

Acq: 28 Oct 2022 13:35

Tgt Ion: 128 Resp: 9636

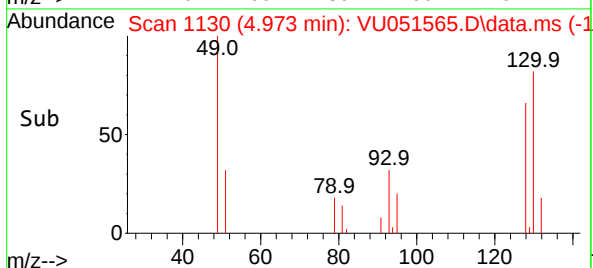
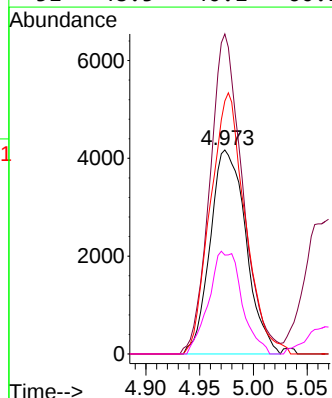
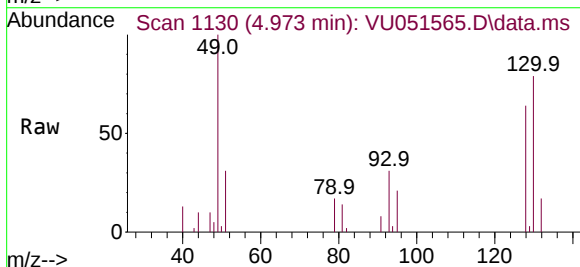
Ion Ratio Lower Upper

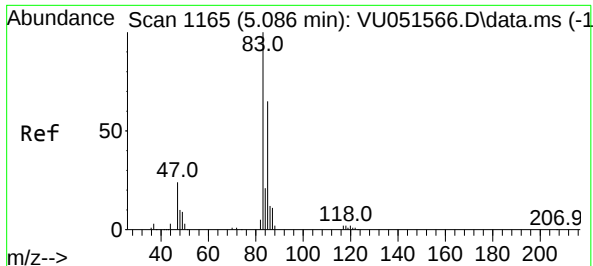
128 100

49 156.9 105.5 195.9

130 124.0 93.5 173.7

51 48.5 40.1 60.1





#25

Chloroform

Concen: 0.946 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. -0.000 min

Lab File: VU051565.D

Acq: 28 Oct 2022 13:35

Instrument :

MSVOA_U

ClientSampleId :

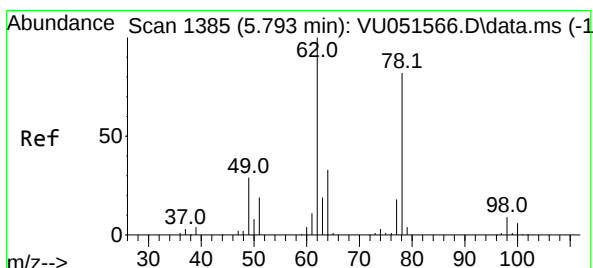
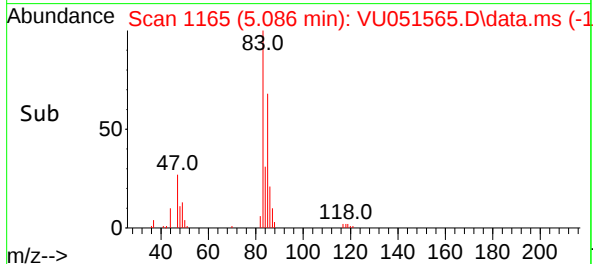
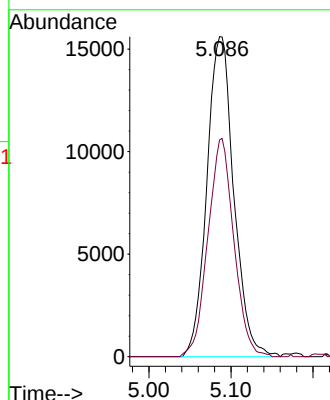
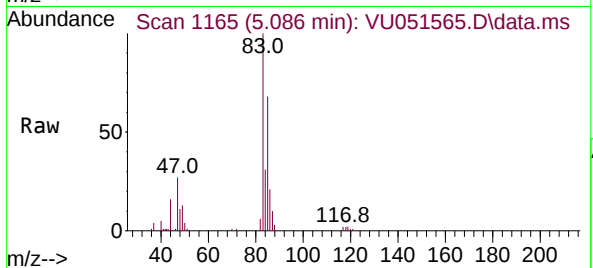
VSTD001063

Tgt Ion: 83 Resp: 35630

Ion Ratio Lower Upper

83 100

85 67.8 45.2 84.0



#27

1,2-Dichloroethane

Concen: 0.933 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. -0.000 min

Lab File: VU051565.D

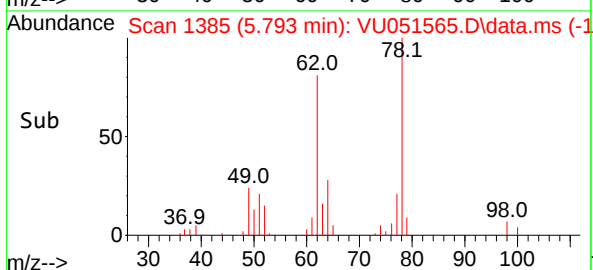
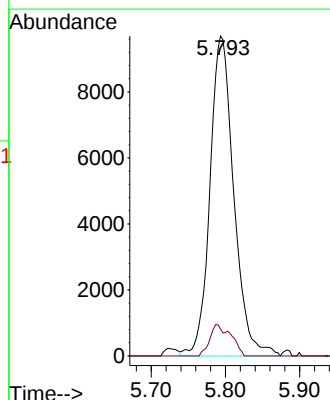
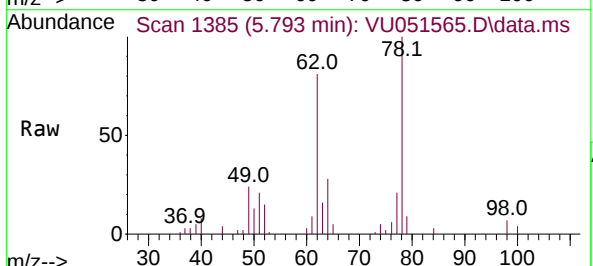
Acq: 28 Oct 2022 13:35

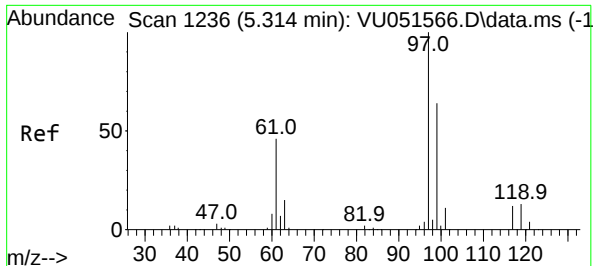
Tgt Ion: 62 Resp: 21625

Ion Ratio Lower Upper

62 100

98 8.4 7.4 11.0

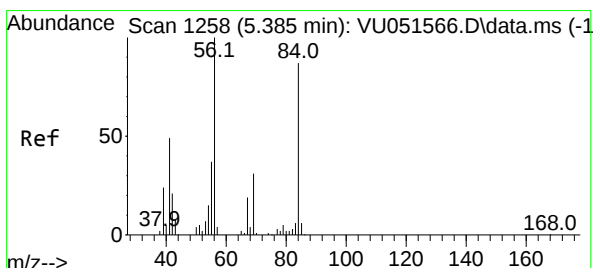
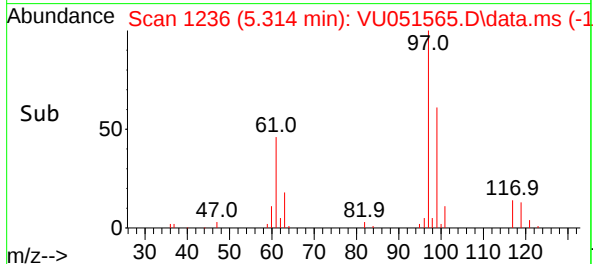
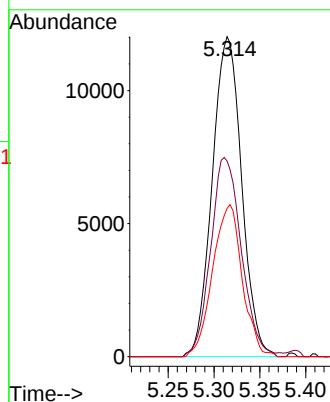
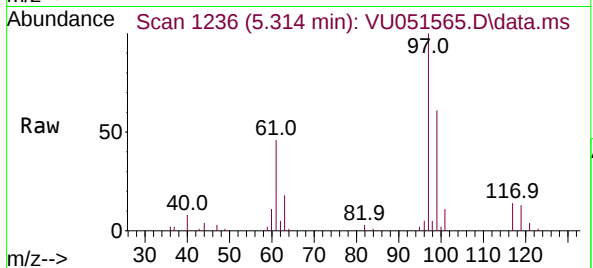




#29
1,1,1-Trichloroethane
Concen: 0.913 ug/L
RT: 5.314 min Scan# 1236
Delta R.T. -0.000 min
Lab File: VU051565.D
Acq: 28 Oct 2022 13:35

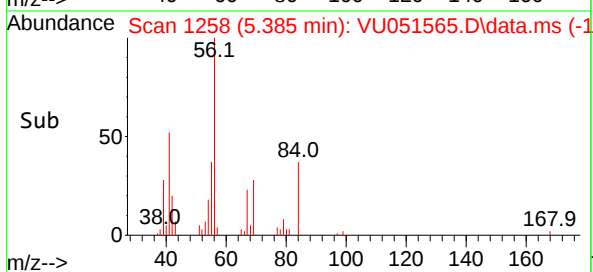
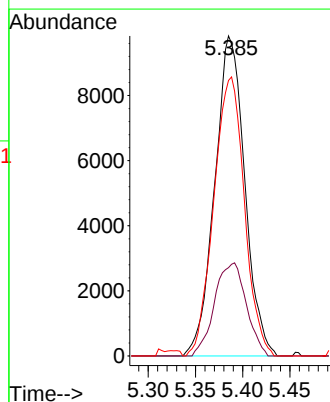
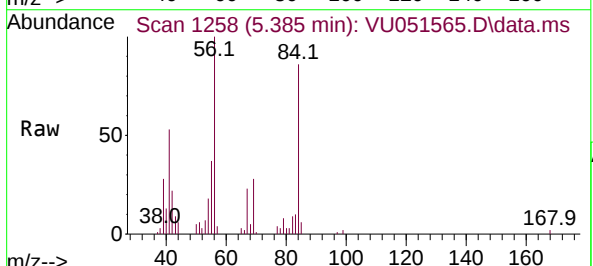
Instrument :
MSVOA_U
ClientSampleId :
VSTD001063

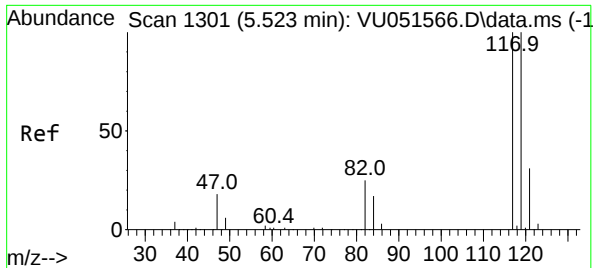
Tgt Ion: 97	Resp: 26827
Ion Ratio	Lower Upper
97 100	
99 64.9	51.1 76.7
61 47.9	37.4 56.0



#30
Cyclohexane
Concen: 0.803 ug/L
RT: 5.385 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VU051565.D
Acq: 28 Oct 2022 13:35

Tgt Ion: 56	Resp: 21720
Ion Ratio	Lower Upper
56 100	
69 30.7	25.4 38.0
84 88.7	71.4 107.0

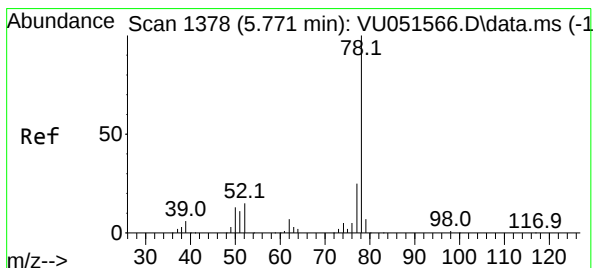
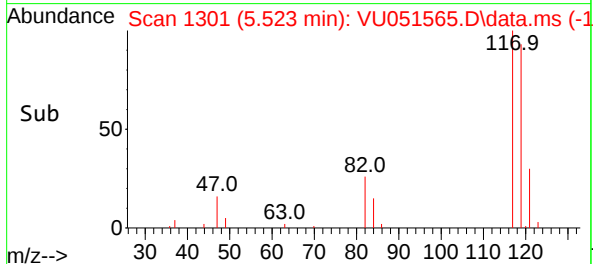
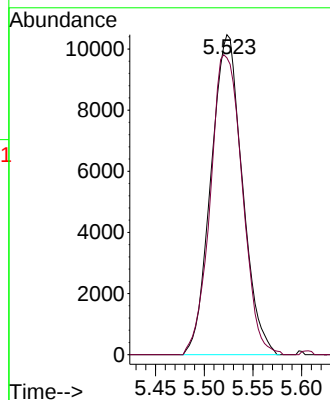
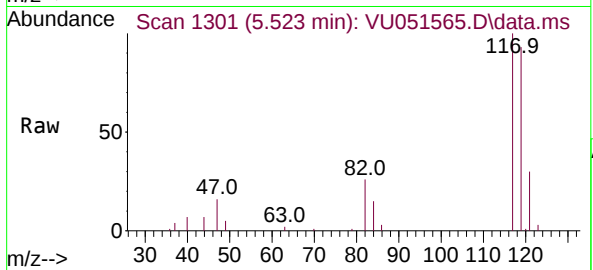




#31
Carbon tetrachloride
Concen: 0.932 ug/L
RT: 5.523 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU051565.D
Acq: 28 Oct 2022 13:35

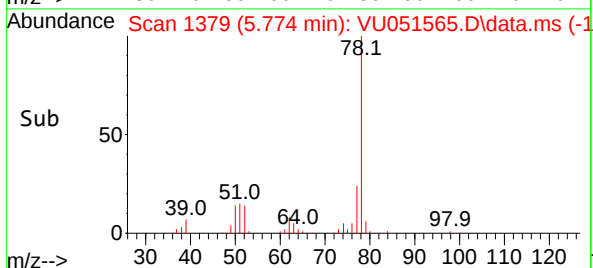
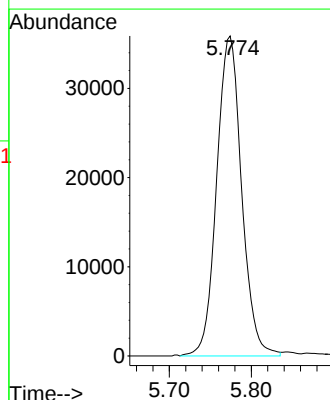
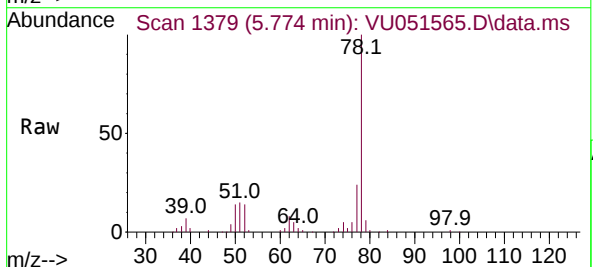
Instrument :
MSVOA_U
ClientSampleId :
VSTD001063

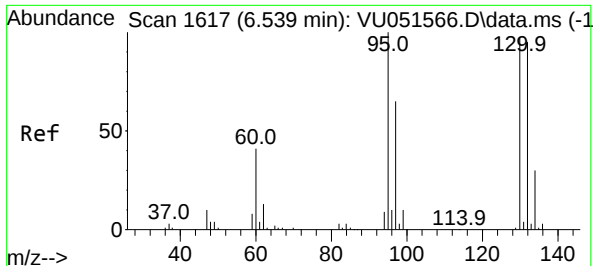
Tgt Ion:117 Resp: 23417
Ion Ratio Lower Upper
117 100
119 95.3 77.5 116.3



#33
Benzene
Concen: 0.890 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.003 min
Lab File: VU051565.D
Acq: 28 Oct 2022 13:35

Tgt Ion: 78 Resp: 75951



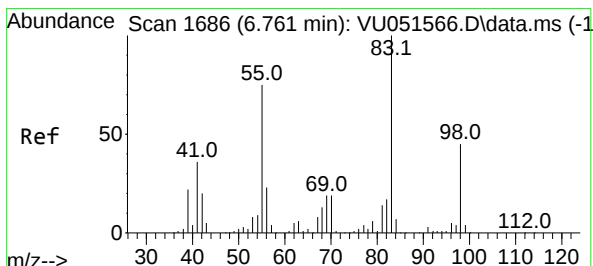
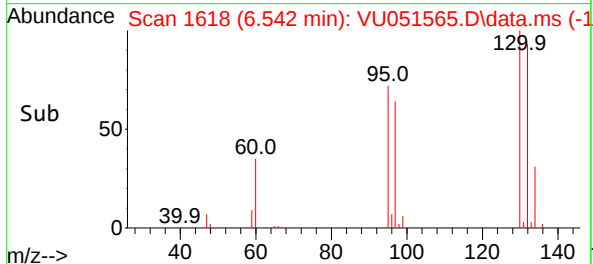
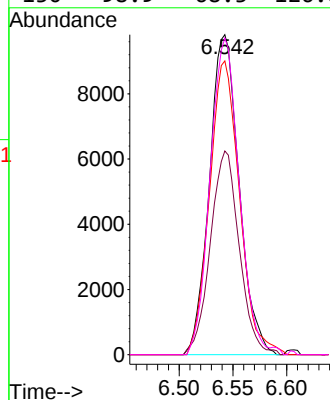
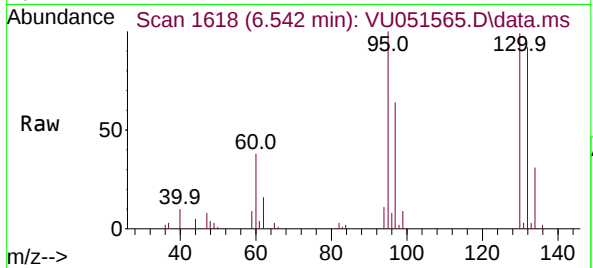


#34
Trichloroethene
Concen: 0.915 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. 0.003 min
Lab File: VU051565.D
Acq: 28 Oct 2022 13:35

Instrument :
MSVOA_U
ClientSampleId :
VSTD001063

Tgt Ion: 95 Resp: 18852

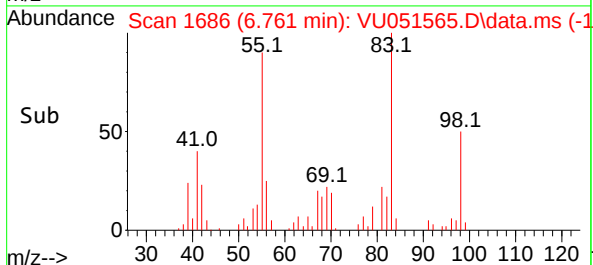
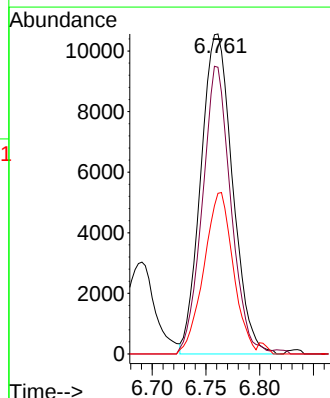
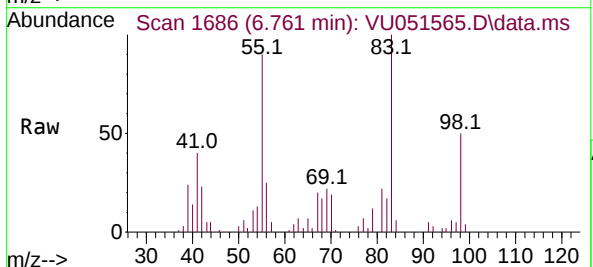
Ion	Ratio	Lower	Upper
95	100		
97	63.7	45.2	84.0
132	91.8	66.5	123.5
130	98.9	68.3	126.8

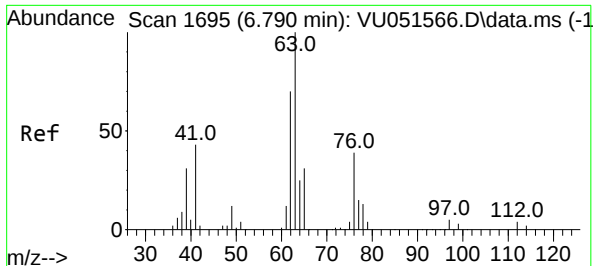


#35
Methylcyclohexane
Concen: 0.761 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VU051565.D
Acq: 28 Oct 2022 13:35

Tgt Ion: 83 Resp: 21686

Ion	Ratio	Lower	Upper
83	100		
55	80.6	60.6	90.8
98	46.6	35.8	53.6





#37

1,2-Dichloropropane

Concen: 0.896 ug/L

RT: 6.790 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU051565.D

Acq: 28 Oct 2022 13:35

Instrument :

MSVOA_U

ClientSampleId :

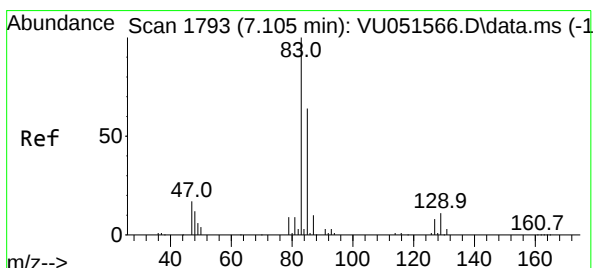
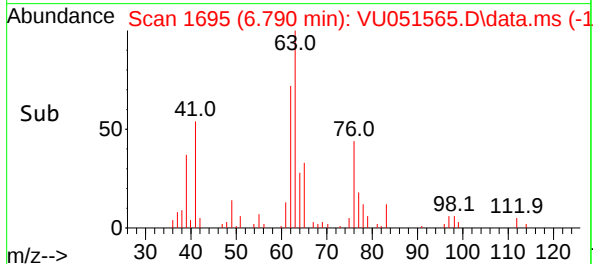
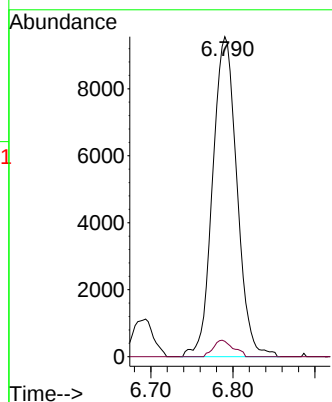
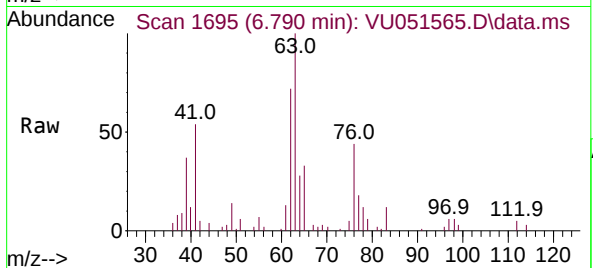
VSTD001063

Tgt Ion: 63 Resp: 19686

Ion Ratio Lower Upper

63 100

112 4.2 3.3 4.9



#38

Bromodichloromethane

Concen: 0.902 ug/L

RT: 7.102 min Scan# 1792

Delta R.T. -0.003 min

Lab File: VU051565.D

Acq: 28 Oct 2022 13:35

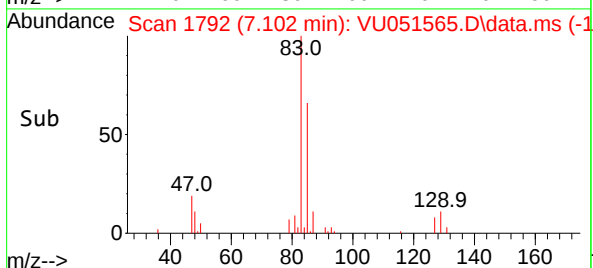
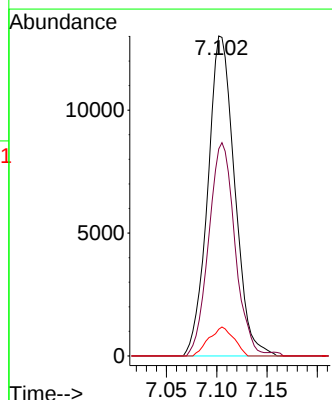
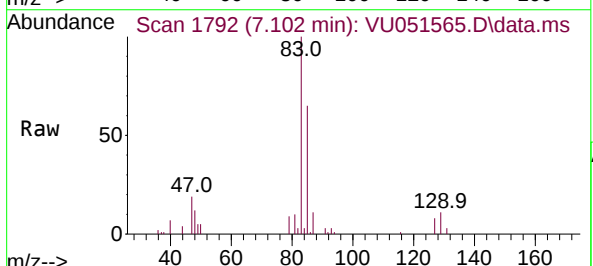
Tgt Ion: 83 Resp: 24189

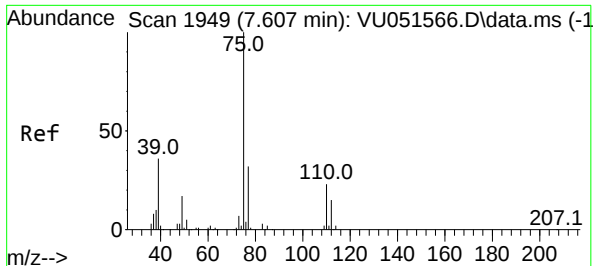
Ion Ratio Lower Upper

83 100

85 64.7 45.1 83.7

127 8.3 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 0.844 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU051565.D

Acq: 28 Oct 2022 13:35

Instrument :

MSVOA_U

ClientSampleId :

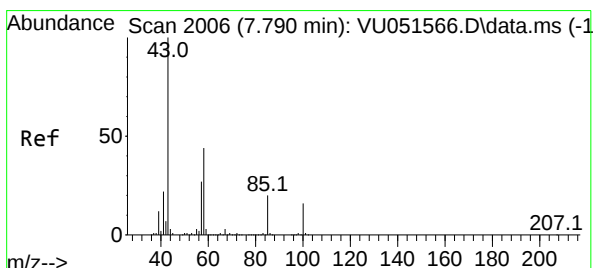
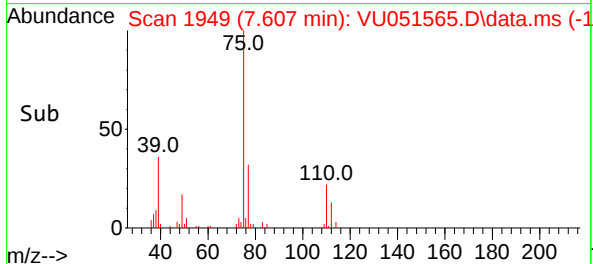
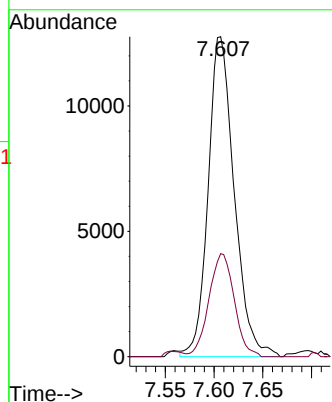
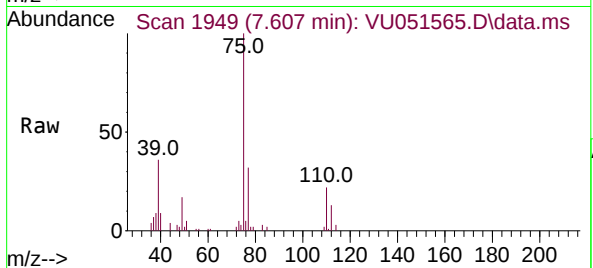
VSTD001063

Tgt Ion: 75 Resp: 23768

Ion Ratio Lower Upper

75 100

77 32.2 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 7.800 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VU051565.D

Acq: 28 Oct 2022 13:35

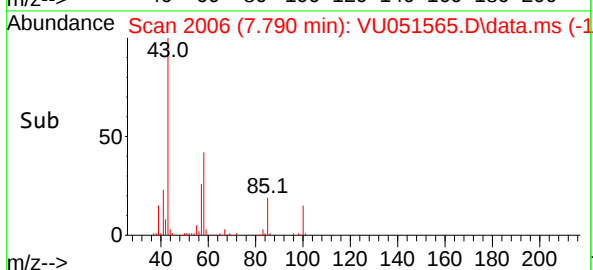
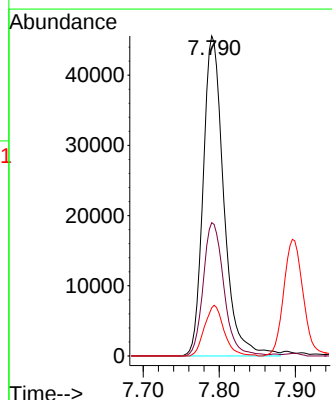
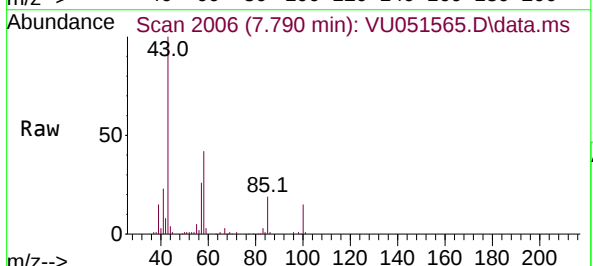
Tgt Ion: 43 Resp: 85919

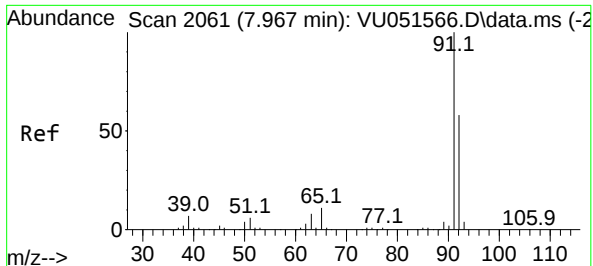
Ion Ratio Lower Upper

43 100

58 41.8 35.0 52.6

100 15.0 13.4 20.0





#42

Toluene

Concen: 0.833 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU051565.D

Acq: 28 Oct 2022 13:35

Instrument :

MSVOA_U

ClientSampleId :

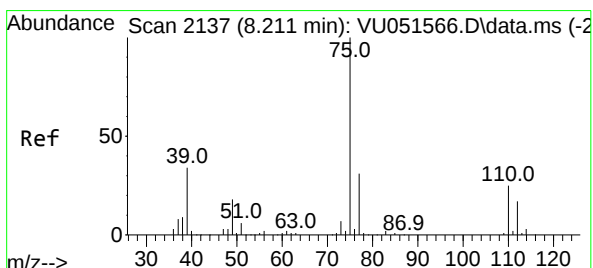
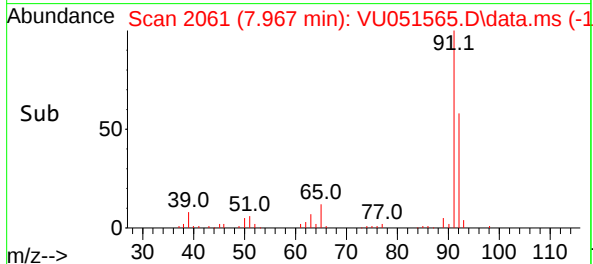
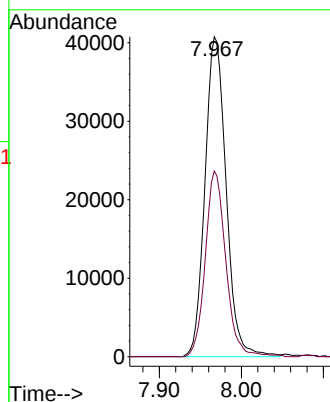
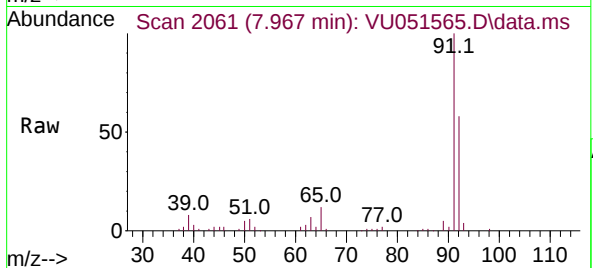
VSTD001063

Tgt Ion: 91 Resp: 73058

Ion Ratio Lower Upper

91 100

92 58.0 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 0.814 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU051565.D

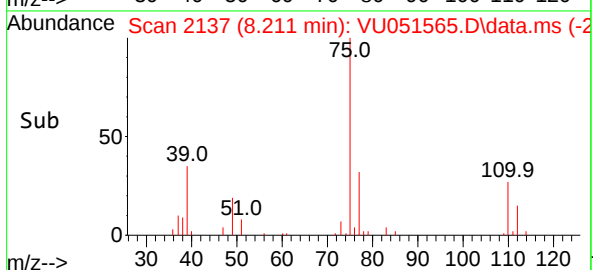
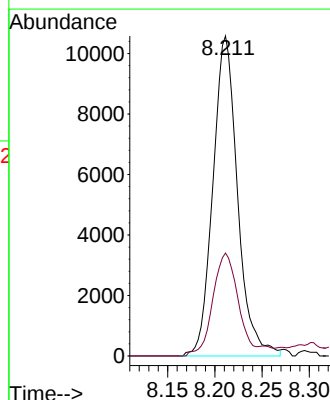
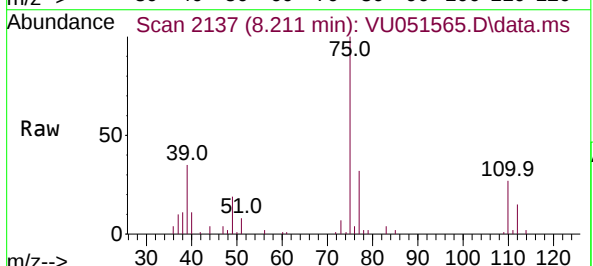
Acq: 28 Oct 2022 13:35

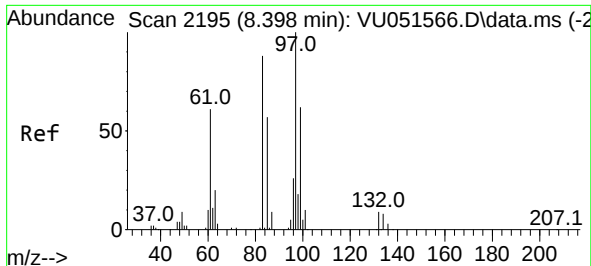
Tgt Ion: 75 Resp: 19172

Ion Ratio Lower Upper

75 100

77 32.2 21.8 40.6

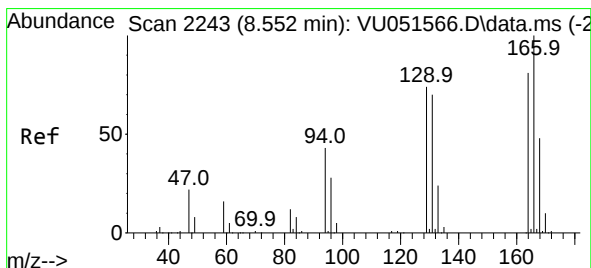
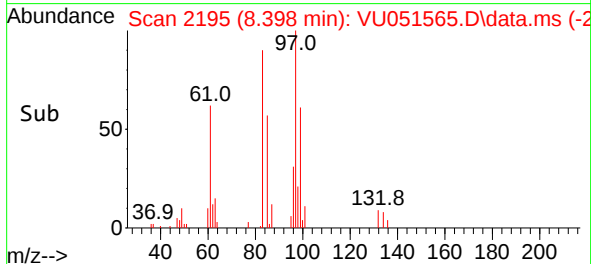
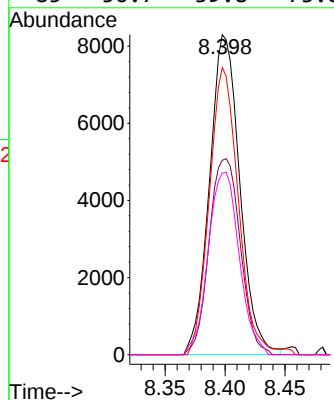
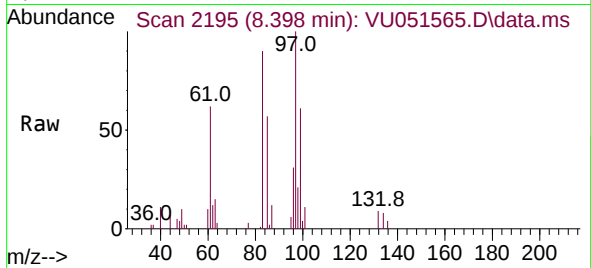




#45
1,1,2-Trichloroethane
Concen: 0.905 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. -0.000 min
Lab File: VU051565.D
Acq: 28 Oct 2022 13:35

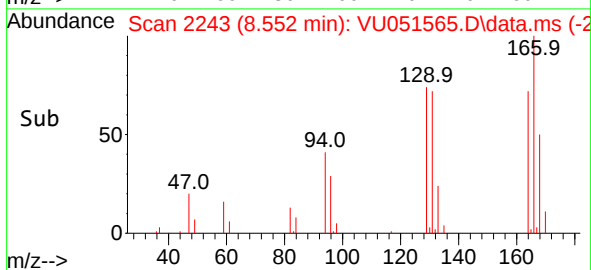
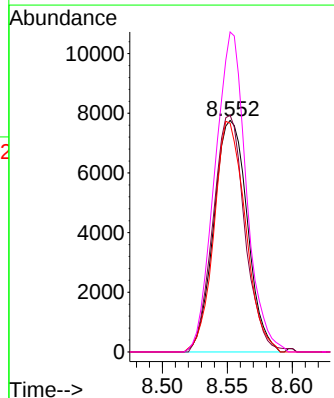
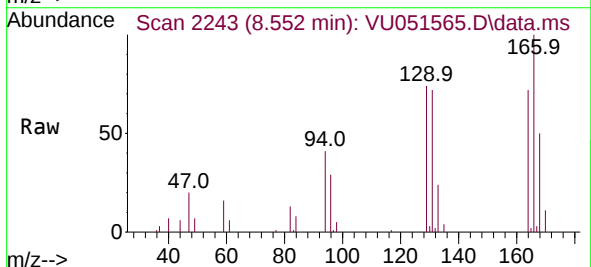
Instrument :
MSVOA_U
ClientSampleId :
VSTD001063

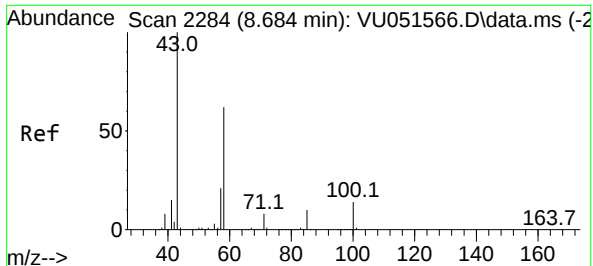
Tgt Ion: 97	Resp: 14564
Ion Ratio	Lower Upper
97 100	
99 60.8	43.4 80.6
83 89.7	61.3 113.9
85 56.7	39.8 73.8



#47
Tetrachloroethene
Concen: 0.883 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU051565.D
Acq: 28 Oct 2022 13:35

Tgt	Ion:164	Resp:	13934
Ion	Ratio	Lower	Upper
164	100		
129	102.3	64.0	118.8
131	98.9	60.7	112.7
166	138.3	86.8	161.2



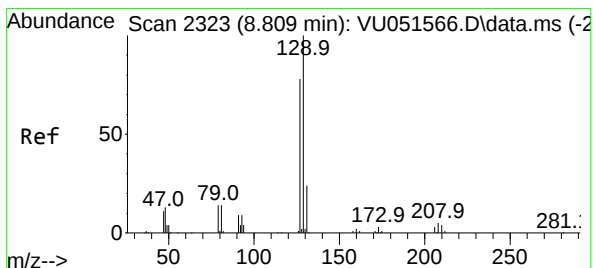
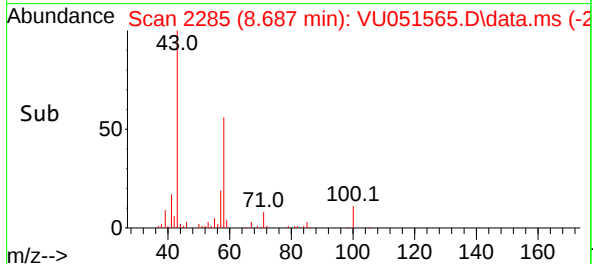
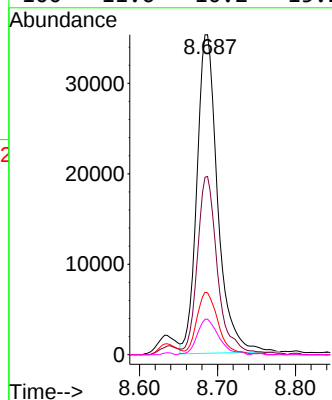
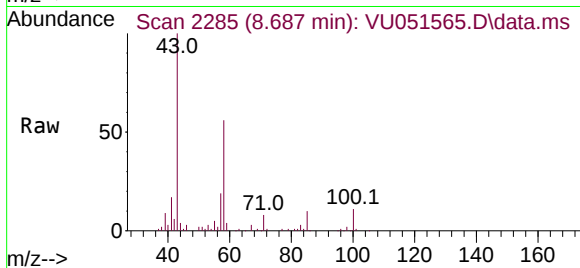


#48
2-Hexanone
Concen: 8.026 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU051565.D
Acq: 28 Oct 2022 13:35

Instrument :
MSVOA_U
ClientSampleId :
VSTD001063

Tgt Ion: 43 Resp: 65444

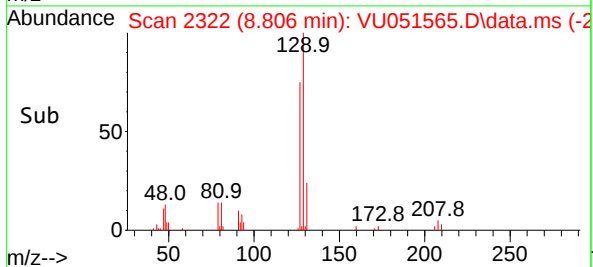
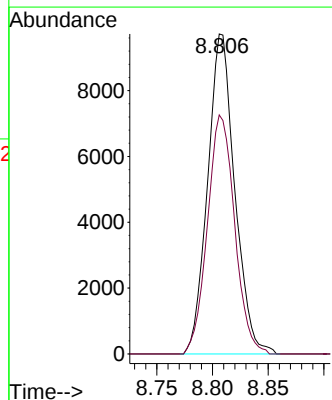
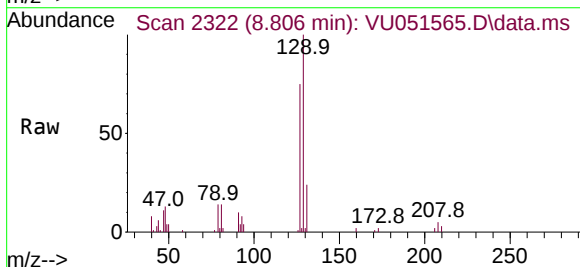
Ion	Ratio	Lower	Upper
43	100		
58	54.9	48.2	72.2
57	19.4	16.6	25.0
100	11.6	10.2	15.2

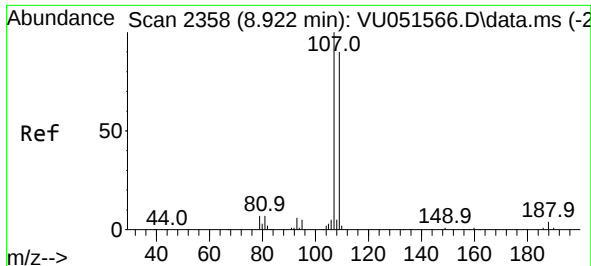


#49
Dibromochloromethane
Concen: 0.897 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. -0.003 min
Lab File: VU051565.D
Acq: 28 Oct 2022 13:35

Tgt Ion: 129 Resp: 16488

Ion	Ratio	Lower	Upper
129	100		
127	74.7	54.8	101.8

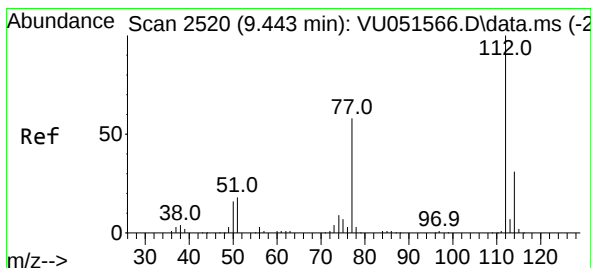
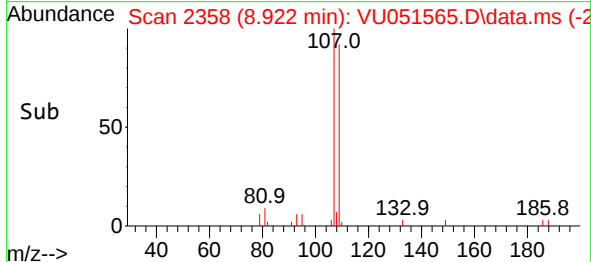
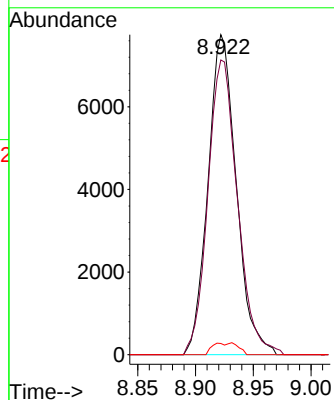
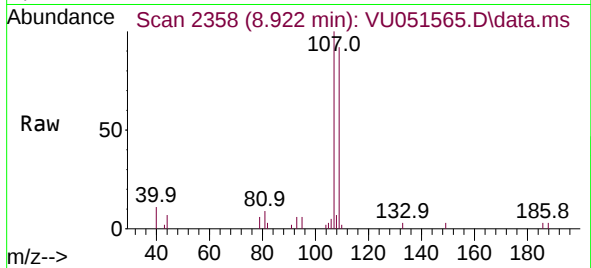




#50
1,2-Dibromoethane
Concen: 0.908 ug/L
RT: 8.922 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051565.D
Acq: 28 Oct 2022 13:35

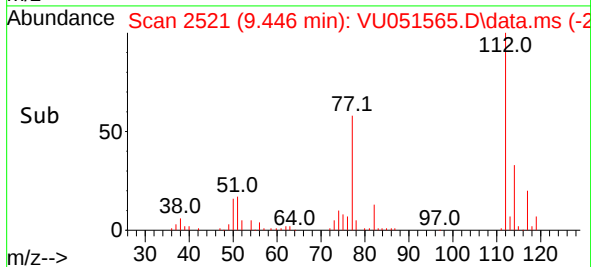
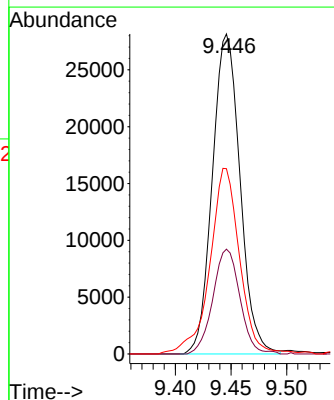
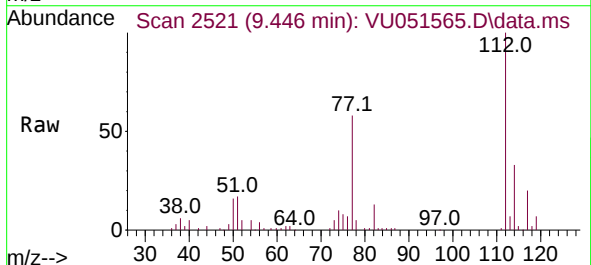
Instrument :
MSVOA_U
ClientSampleId :
VSTD001063

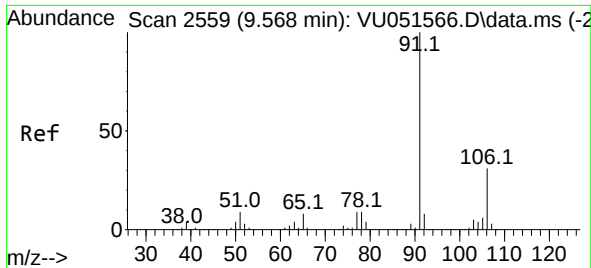
Tgt Ion:107 Resp: 13186
Ion Ratio Lower Upper
107 100
109 92.1 63.0 117.0
188 3.5 3.0 4.4



#51
Chlorobenzene
Concen: 0.882 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.003 min
Lab File: VU051565.D
Acq: 28 Oct 2022 13:35

Tgt Ion:112 Resp: 48680
Ion Ratio Lower Upper
112 100
114 32.7 22.0 40.8
77 57.9 46.7 70.1

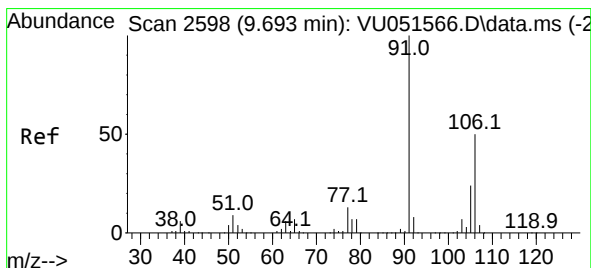
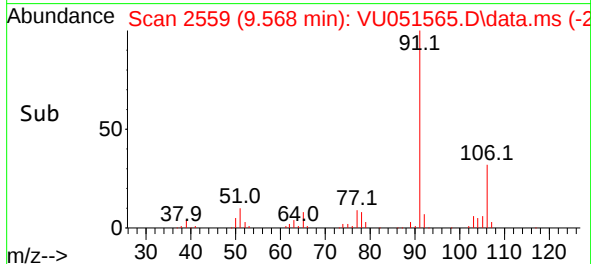
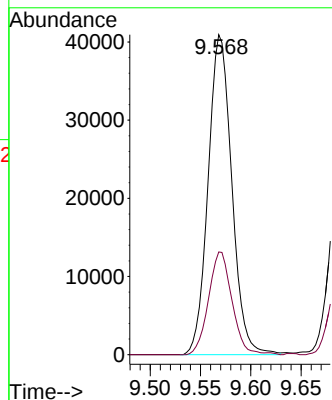
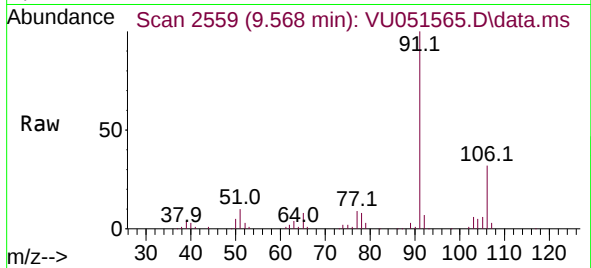




#52
Ethylbenzene
Concen: 0.793 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU051565.D
Acq: 28 Oct 2022 13:35

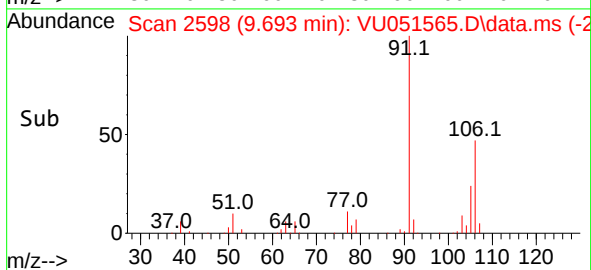
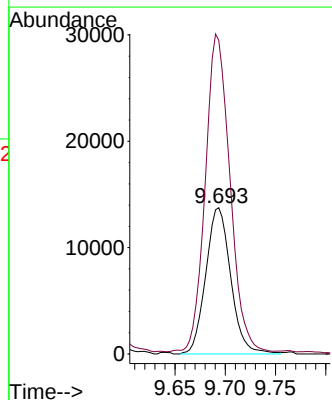
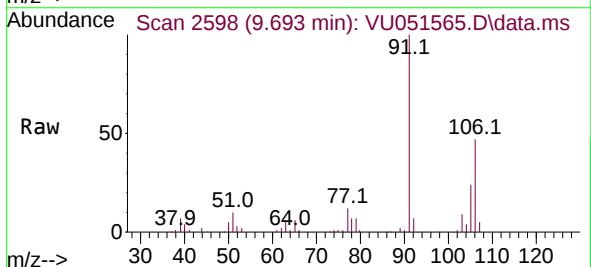
Instrument :
MSVOA_U
ClientSampleId :
VSTD001063

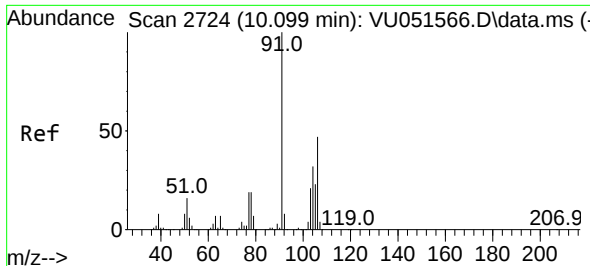
Tgt Ion: 91 Resp: 67054
Ion Ratio Lower Upper
91 100
106 32.1 21.8 40.6



#53
m,p-Xylene
Concen: 0.723 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU051565.D
Acq: 28 Oct 2022 13:35

Tgt Ion: 106 Resp: 23773
Ion Ratio Lower Upper
106 100
91 214.4 139.4 259.0

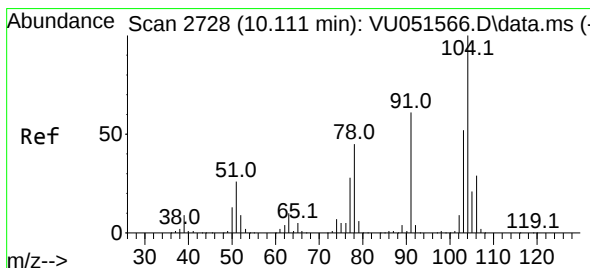
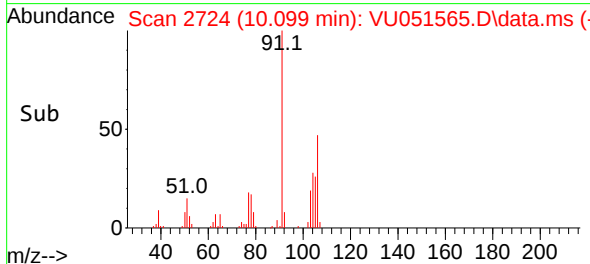
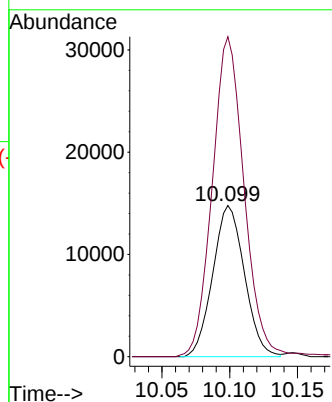
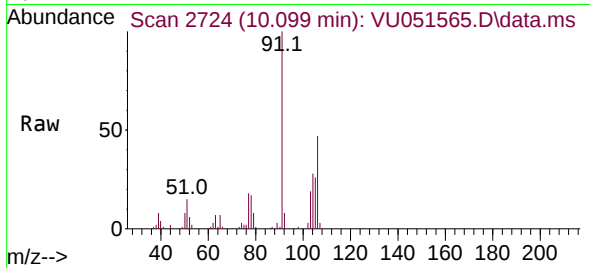




#54
o-Xylene
Concen: 0.748 ug/L
RT: 10.099 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051565.D
Acq: 28 Oct 2022 13:35

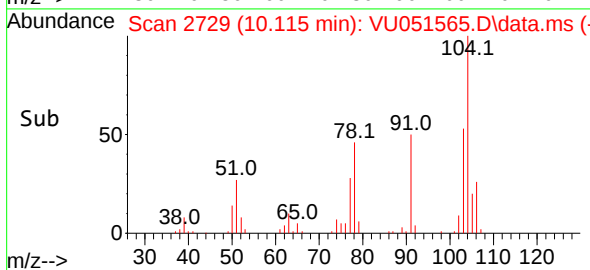
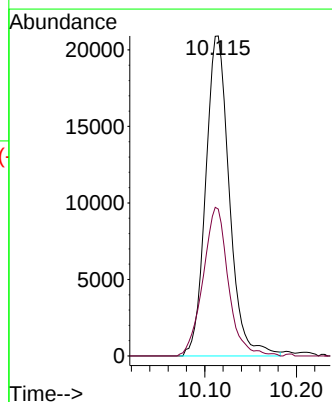
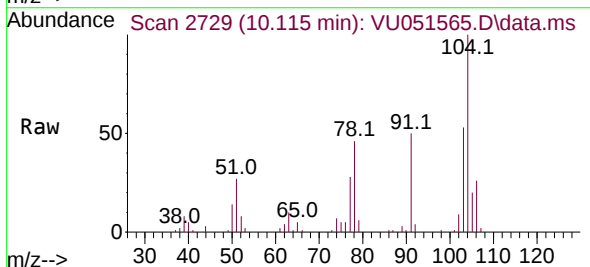
Instrument :
MSVOA_U
ClientSampleId :
VSTD001063

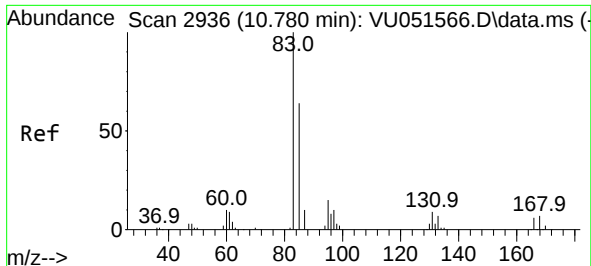
Tgt Ion:106 Resp: 24014
Ion Ratio Lower Upper
106 100
91 211.5 149.2 277.2



#55
Styrene
Concen: 0.699 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.003 min
Lab File: VU051565.D
Acq: 28 Oct 2022 13:35

Tgt Ion:104 Resp: 37541
Ion Ratio Lower Upper
104 100
78 45.9 31.8 59.0





#57

1,1,2-Tetrachloroethane

Concen: 0.899 ug/L

RT: 10.780 min Scan# 2936

Delta R.T. -0.000 min

Lab File: VU051565.D

Acq: 28 Oct 2022 13:35

Instrument :

MSVOA_U

ClientSampleId :

VSTD001063

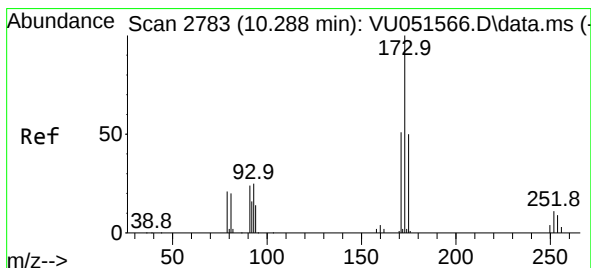
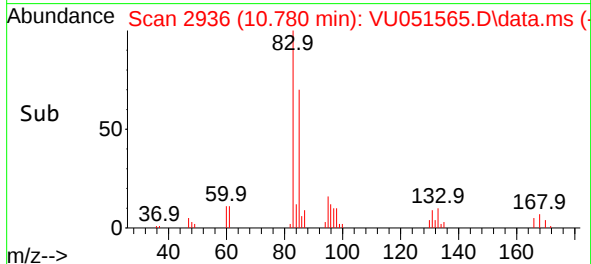
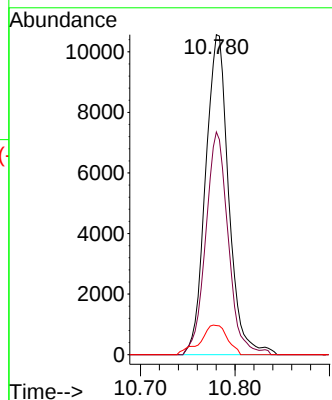
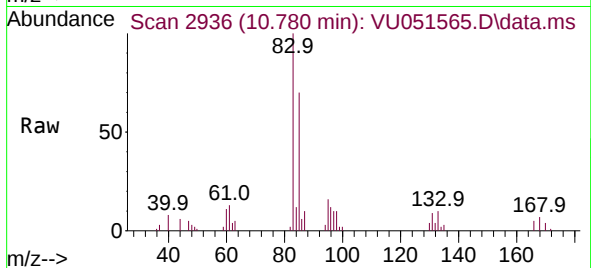
Tgt Ion: 83 Resp: 17938

Ion Ratio Lower Upper

83 100

85 69.6 44.9 83.5

131 9.1 7.8 11.8



#59

Bromoform

Concen: 0.978 ug/L

RT: 10.288 min Scan# 2783

Delta R.T. -0.000 min

Lab File: VU051565.D

Acq: 28 Oct 2022 13:35

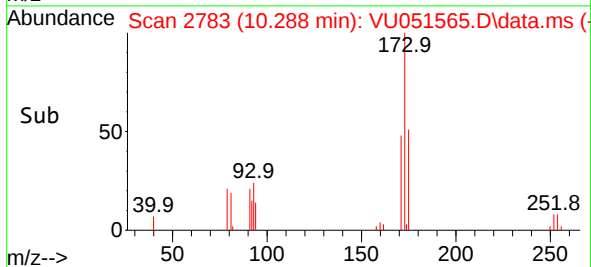
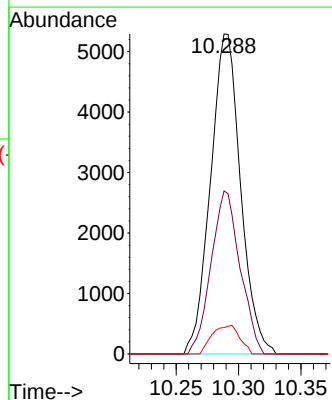
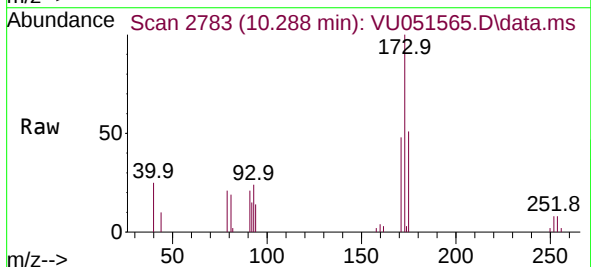
Tgt Ion: 173 Resp: 8890

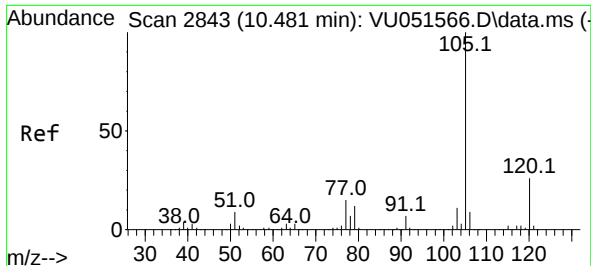
Ion Ratio Lower Upper

173 100

175 49.0 38.7 58.1

254 8.1 7.3 10.9

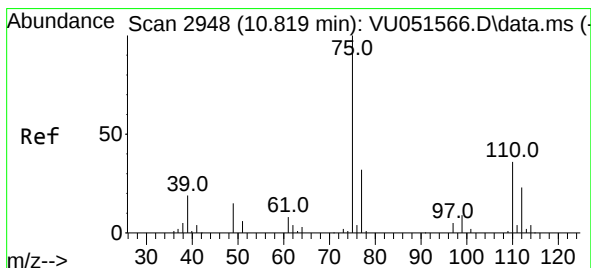
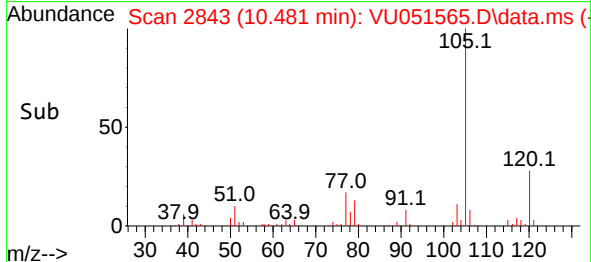
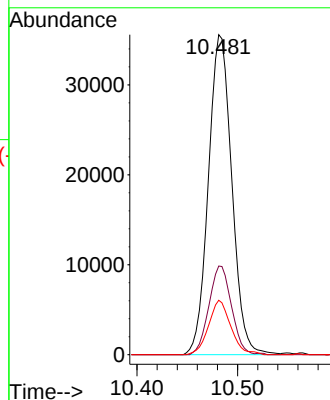
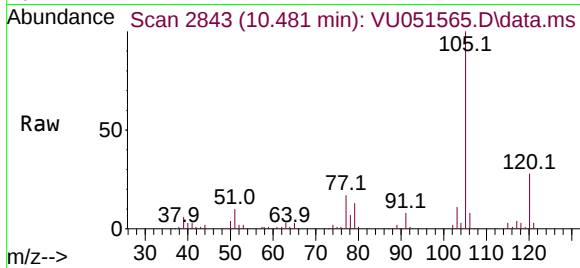




#60
Isopropylbenzene
Concen: 0.802 ug/L
RT: 10.481 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051565.D
Acq: 28 Oct 2022 13:35

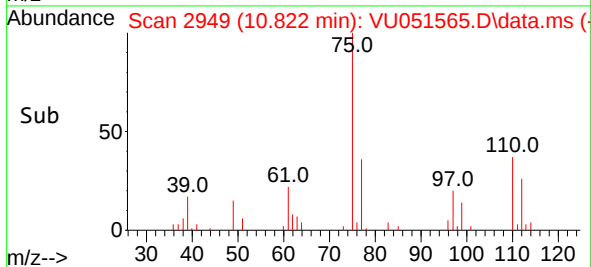
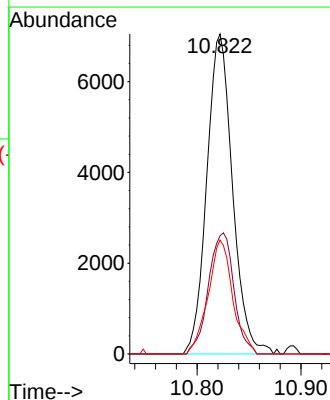
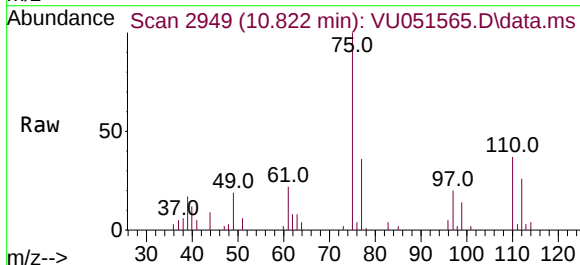
Instrument :
MSVOA_U
ClientSampleId :
VSTD001063

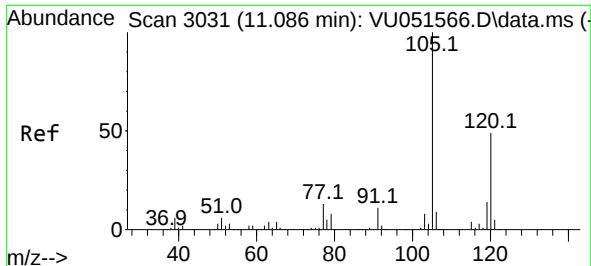
Tgt Ion:105 Resp: 57622
Ion Ratio Lower Upper
105 100
120 26.6 20.9 31.3
77 16.2 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 0.954 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.003 min
Lab File: VU051565.D
Acq: 28 Oct 2022 13:35

Tgt Ion: 75 Resp: 12137
Ion Ratio Lower Upper
75 100
110 37.4 28.7 43.1
77 34.1 26.1 39.1





#62

1,3,5-Trimethylbenzene

Concen: 0.821 ug/L

RT: 11.086 min Scan# 3031

Delta R.T. -0.000 min

Lab File: VU051565.D

Acq: 28 Oct 2022 13:35

Instrument :

MSVOA_U

ClientSampleId :

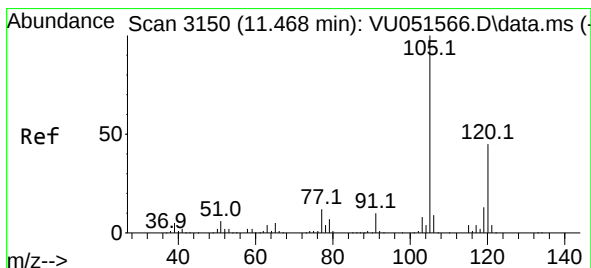
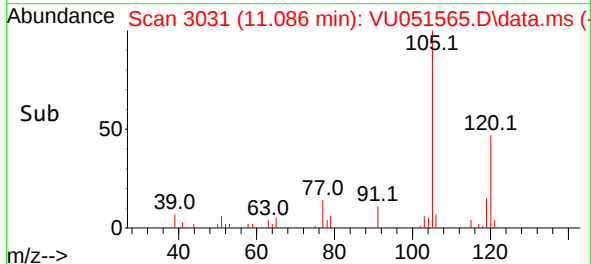
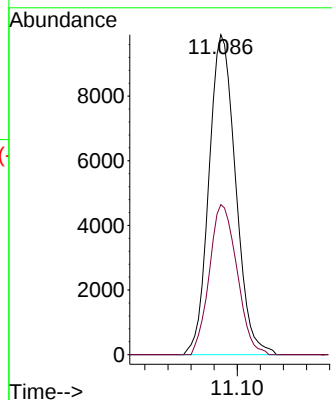
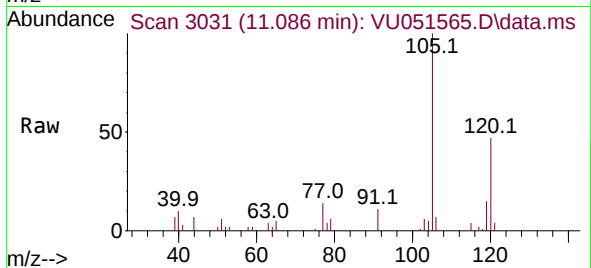
VSTD001063

Tgt Ion:105 Resp: 15875

Ion Ratio Lower Upper

105 100

120 48.5 38.6 57.8



#63

1,2,4-Trimethylbenzene

Concen: 0.728 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. -0.000 min

Lab File: VU051565.D

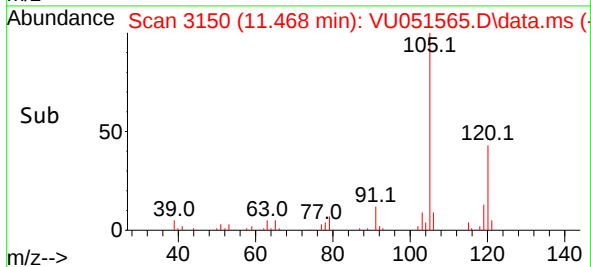
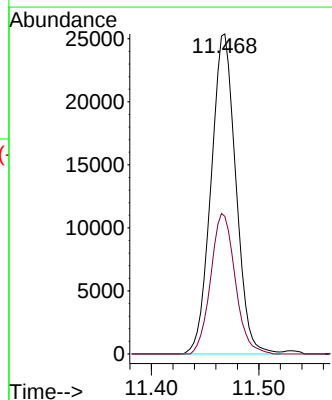
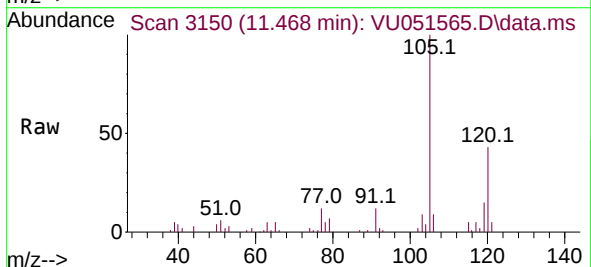
Acq: 28 Oct 2022 13:35

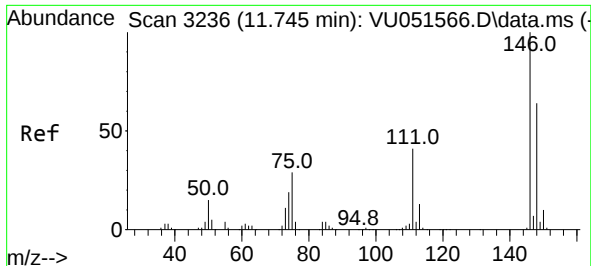
Tgt Ion:105 Resp: 40605

Ion Ratio Lower Upper

105 100

120 43.3 35.8 53.6

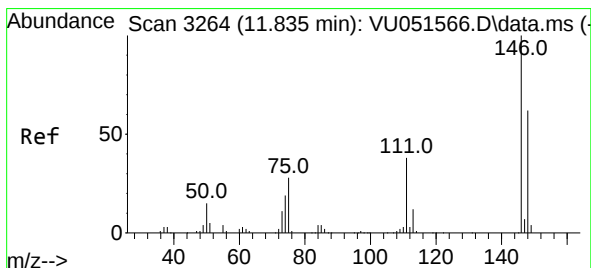
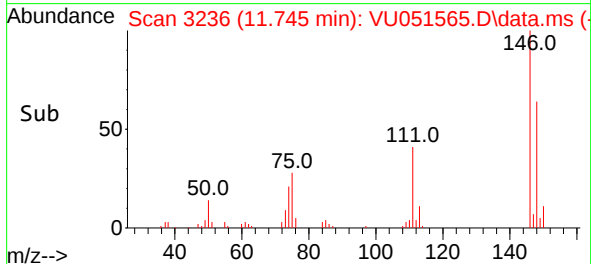
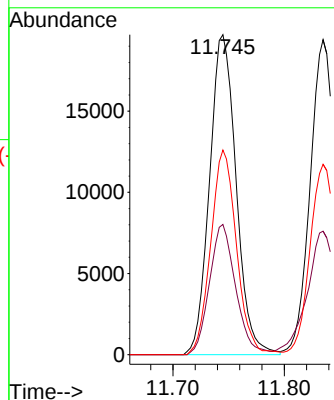
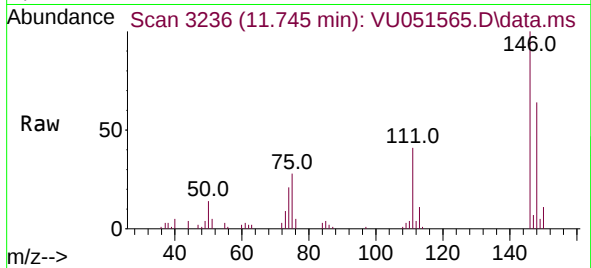




#64
1,3-Dichlorobenzene
Concen: 0.914 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU051565.D
Acq: 28 Oct 2022 13:35

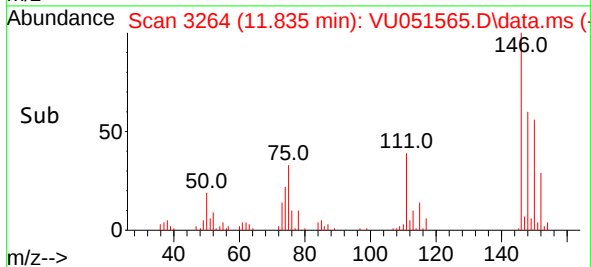
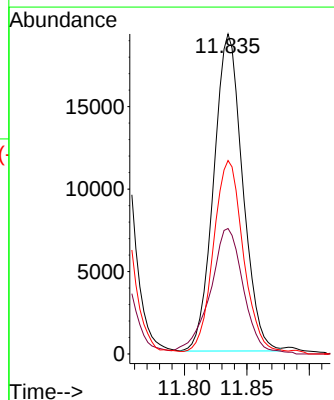
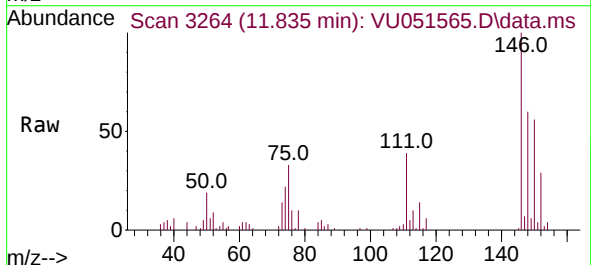
Instrument :
MSVOA_U
ClientSampleId :
VSTD001063

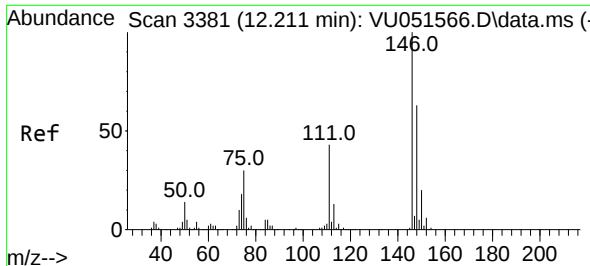
Tgt Ion:146 Resp: 32695
Ion Ratio Lower Upper
146 100
111 40.7 28.6 53.2
148 63.9 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 0.867 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU051565.D
Acq: 28 Oct 2022 13:35

Tgt Ion:146 Resp: 31084
Ion Ratio Lower Upper
146 100
111 39.2 26.7 49.5
148 60.5 43.5 80.9





#67

1,2-Dichlorobenzene

Concen: 0.891 ug/L

RT: 12.211 min Scan# 31039

Delta R.T. -0.000 min

Lab File: VU051565.D

Acq: 28 Oct 2022 13:35

Instrument :

MSVOA_U

ClientSampleId :

VSTD001063

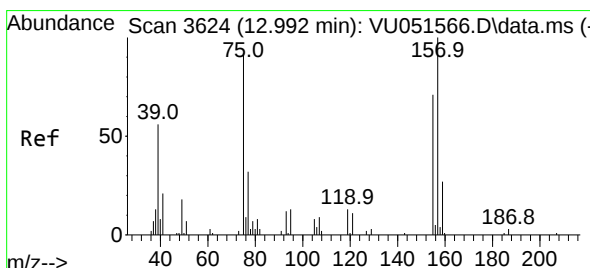
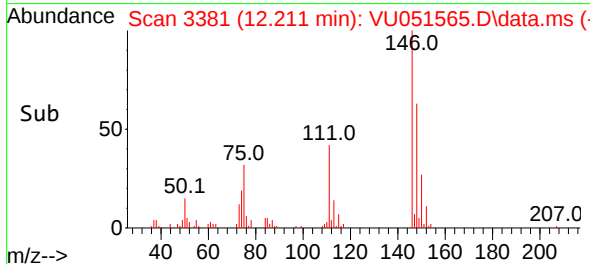
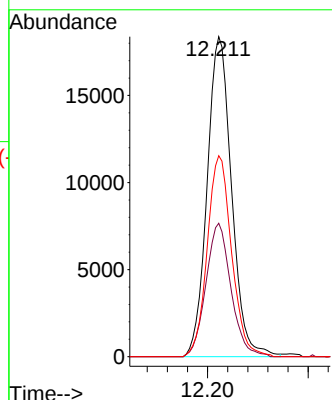
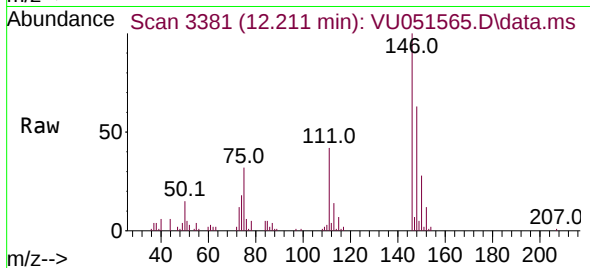
Tgt Ion:146 Resp: 31039

Ion Ratio Lower Upper

146 100

111 41.7 34.2 51.2

148 62.8 50.1 75.1



#68

1,2-Dibromo-3-chloropropane

Concen: 0.860 ug/L

RT: 13.002 min Scan# 3627

Delta R.T. 0.010 min

Lab File: VU051565.D

Acq: 28 Oct 2022 13:35

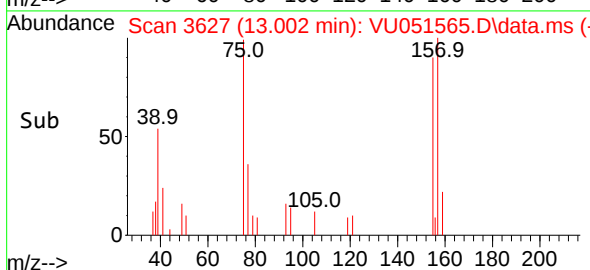
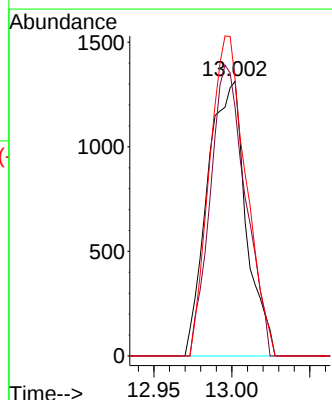
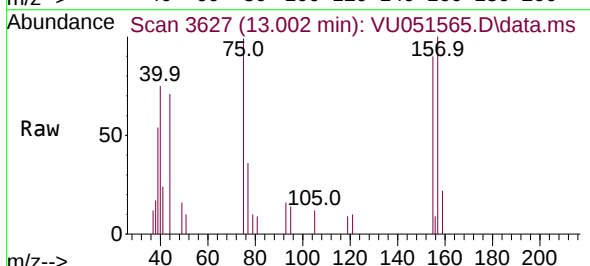
Tgt Ion: 75 Resp: 2252

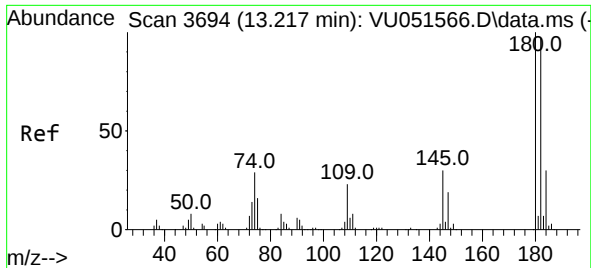
Ion Ratio Lower Upper

75 100

155 90.4 61.4 92.2

157 100.7 86.7 130.1

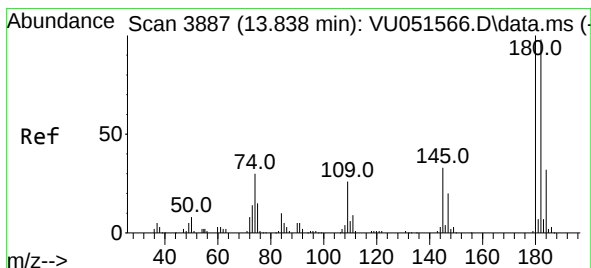
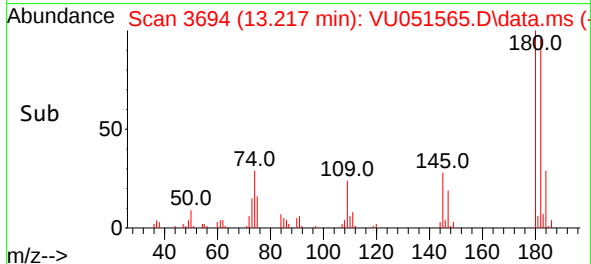
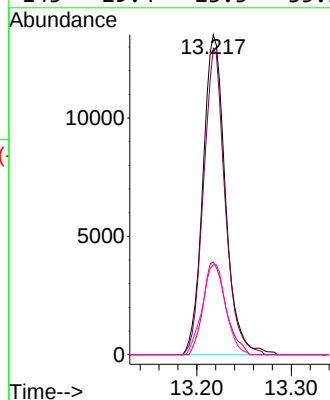
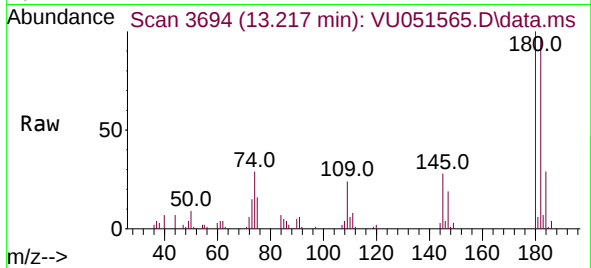




#69
1,3,5-Trichlorobenzene
Concen: 0.873 ug/L
RT: 13.217 min Scan# 3694
Delta R.T. 0.000 min
Lab File: VU051565.D
Acq: 28 Oct 2022 13:35

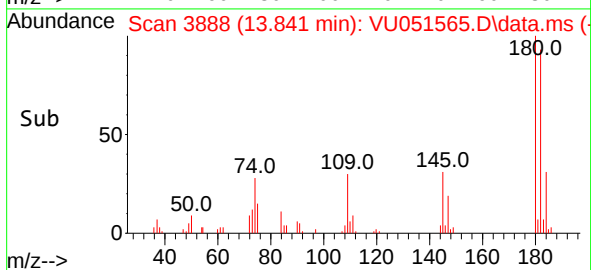
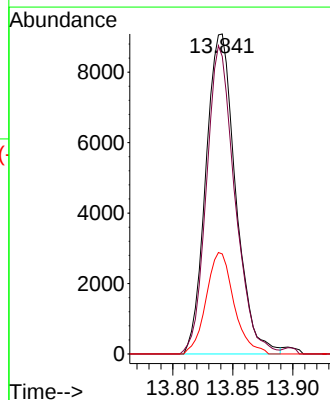
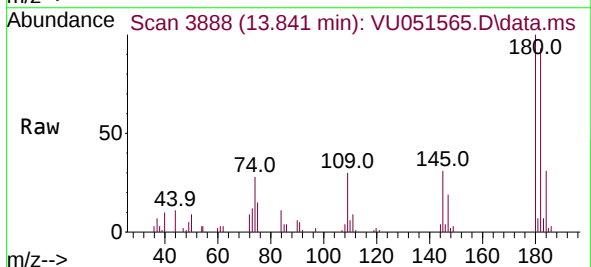
Instrument :
MSVOA_U
ClientSampleId :
VSTD001063

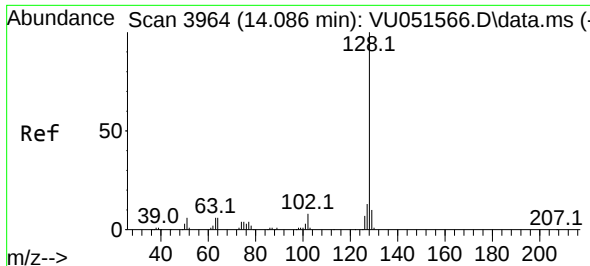
Tgt Ion:180	Resp:	22241
Ion Ratio	Lower	Upper
180	100	
182	92.1	77.0 115.6
184	29.3	23.7 35.5
145	29.4	23.5 35.3



#70
1,2,4-trichlorobenzene
Concen: 0.802 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.003 min
Lab File: VU051565.D
Acq: 28 Oct 2022 13:35

Tgt Ion:180	Resp:	15696
Ion Ratio	Lower	Upper
180	100	
182	91.7	77.8 116.6
145	29.5	25.0 37.6

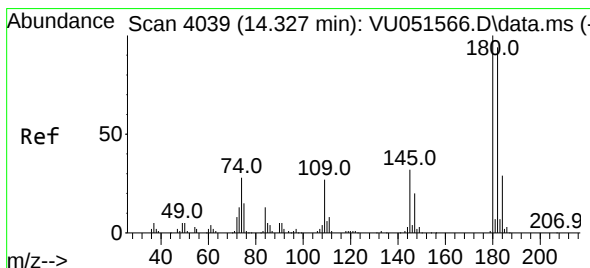
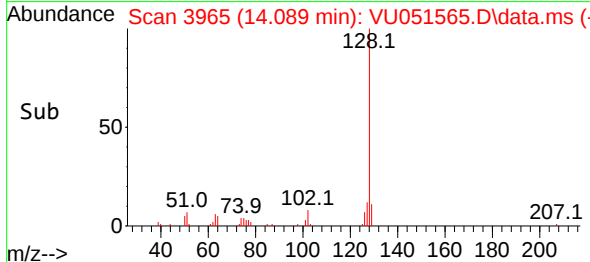
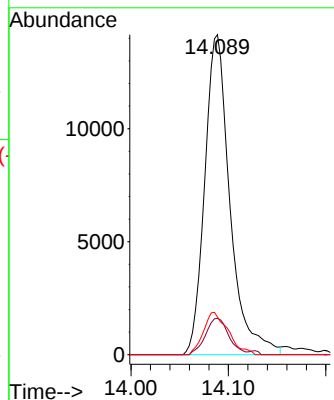
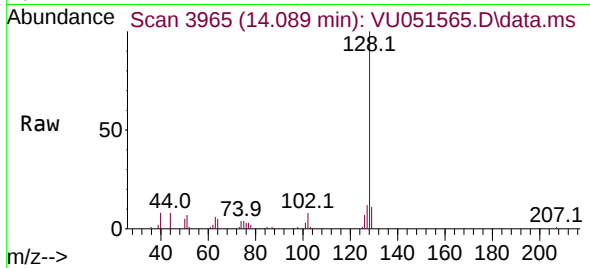




#71
Naphthalene
Concen: 0.700 ug/L
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU051565.D
Acq: 28 Oct 2022 13:35

Instrument :
MSVOA_U
ClientSampleId :
VSTD001063

Tgt Ion:	128	Resp:	25550
Ion Ratio	Lower	Upper	
128	100		
129	10.4	8.4	12.6
127	13.0	10.3	15.5



#72
1,2,3-Trichlorobenzene
Concen: 0.789 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.003 min
Lab File: VU051565.D
Acq: 28 Oct 2022 13:35

Tgt Ion:	180	Resp:	15590
Ion Ratio	Lower	Upper	
180	100		
182	92.2	76.1	114.1
145	30.0	25.6	38.4

