

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U042022\
 Data File : U048160.D
 Acq On : 20 Apr 2022 21:56
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050091

Quant Time: Apr 21 02:46:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 21 02:37:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	379967	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	383972	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	214659	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	124866	45.317	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.640%
7) Chloroethane-d5	1.913	69	103474	47.626	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.260%
11) 1,1-Dichloroethene-d2	2.572	63	220225	43.685	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.360%
21) 2-Butanone-d5	4.620	46	219301	92.727	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.730%
24) Chloroform-d	5.067	84	239139	47.433	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.860%
26) 1,2-Dichloroethane-d4	5.703	65	141221	45.671	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.340%
32) Benzene-d6	5.729	84	477789	49.451	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.900%
36) 1,2-Dichloropropane-d6	6.690	67	155575	52.431	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.860%
41) Toluene-d8	7.899	98	442843	47.044	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.080%
43) trans-1,3-Dichloroprop...	8.179	79	66472	44.219	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.440%
47) 2-Hexanone-d5	8.632	63	164132	94.491	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.490%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	240930	47.313	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.620%
66) 1,2-Dichlorobenzene-d4	12.192	152	186183	48.752	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	139655	39.645	ug/L	100
3) Chloromethane	1.523	50	146137	43.379	ug/L	98
5) Vinyl chloride	1.607	62	158895	46.246	ug/L	99
6) Bromomethane	1.855	94	64703	34.988	ug/L	97
8) Chloroethane	1.935	64	97987	45.430	ug/L	99
9) Trichlorofluoromethane	2.141	101	207028	42.730	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	130252	46.509	ug/L	98
12) 1,1-Dichloroethene	2.581	96	119629	45.898	ug/L	90
13) Acetone	2.623	43	151285	68.739	ug/L	98
14) Carbon disulfide	2.797	76	297552	36.116	ug/L	100
15) Methyl Acetate	2.948	43	176144	50.191	ug/L	97
16) Methylene chloride	3.047	84	154131	51.533	ug/L	97
17) trans-1,2-Dichloroethene	3.356	96	130357	46.369	ug/L	98
18) Methyl tert-butyl Ether	3.363	73	423870	53.443	ug/L	98
19) 1,1-Dichloroethane	3.874	63	254329	52.456	ug/L	99
20) cis-1,2-Dichloroethene	4.668	96	155481	50.448	ug/L	98
22) 2-Butanone	4.700	43	249113	87.868	ug/L	97
23) Bromochloromethane	4.977	128	84316	49.827	ug/L	96
25) Chloroform	5.089	83	265598	50.881	ug/L	100

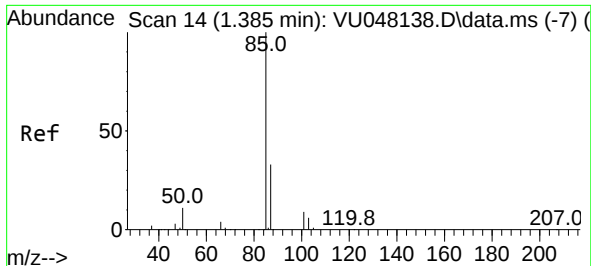
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 QLast Update : Thu Apr 21 02:37:57 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	196489	48.721	ug/L	98
29) Cyclohexane	5.391	56	190505	48.894	ug/L	96
30) 1,1,1-Trichloroethane	5.317	97	218358	50.153	ug/L	100
31) Carbon tetrachloride	5.527	117	186548	47.449	ug/L	99
33) Benzene	5.774	78	621218	55.894	ug/L	100
34) Trichloroethene	6.543	95	145696	50.002	ug/L	99
35) Methylcyclohexane	6.764	83	203976	46.015	ug/L	98
37) 1,2-Dichloropropane	6.793	63	159092	56.308	ug/L	100
38) Bromodichloromethane	7.105	83	201651	51.973	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	227374	51.865	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	461916	103.441	ug/L	99
42) Toluene	7.970	91	626295	51.357	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	220564	50.390	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	161844	54.011	ug/L	99
46) Tetrachloroethene	8.555	164	120473	46.009	ug/L	99
48) 2-Hexanone	8.684	43	370846	96.545	ug/L	99
49) Dibromochloromethane	8.809	129	172815	49.793	ug/L	100
50) 1,2-Dibromoethane	8.925	107	171737	51.122	ug/L	99
51) Chlorobenzene	9.446	112	607033	73.311	ug/L	98
52) Ethylbenzene	9.571	91	652084	50.855	ug/L	100
53) m,p-Xylene	9.694	106	261697	52.014	ug/L	99
54) o-Xylene	10.102	106	256639	51.972	ug/L	98
55) Styrene	10.115	104	433510	51.420	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.784	83	288198	51.302	ug/L	99
59) Bromoform	10.292	173	140373	51.140	ug/L	100
60) 1,2,3-Trichloropropane	10.822	75	221444	54.722	ug/L	99
61) Isopropylbenzene	10.485	105	645755	55.663	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	343390	54.554	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	527705	55.192	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	340478	52.802	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	448441	67.142	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	424994	65.870	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.996	75	63816	49.231	ug/L	95
69) 1,3,5-Trichlorobenzene	13.217	180	251418	48.009	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	234893	51.208	ug/L	99
71) Naphthalene	14.086	128	670379	49.020	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	233999	50.887	ug/L	99

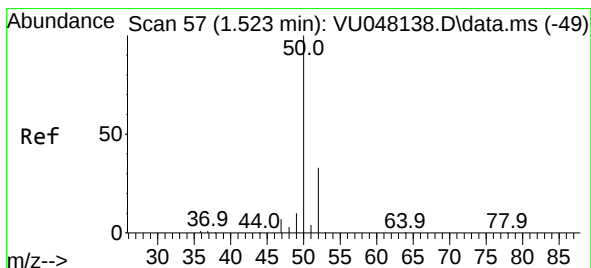
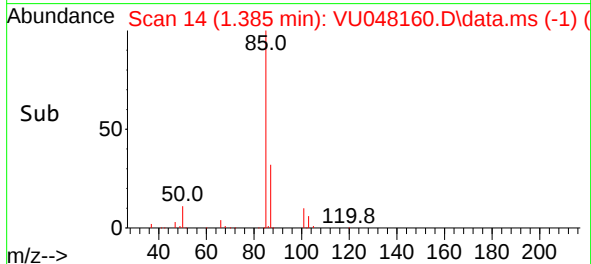
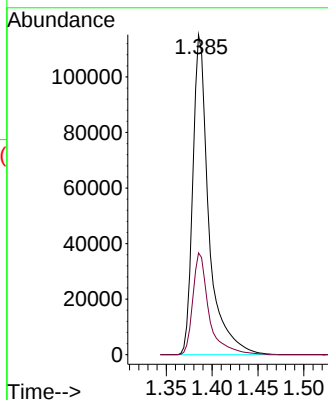
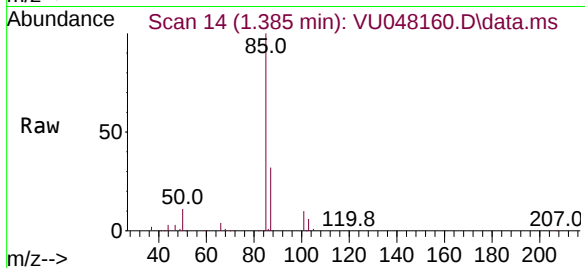
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#2
Dichlorodifluoromethane
Concen: 39.645 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU048160.D
Acq: 20 Apr 2022 21:56

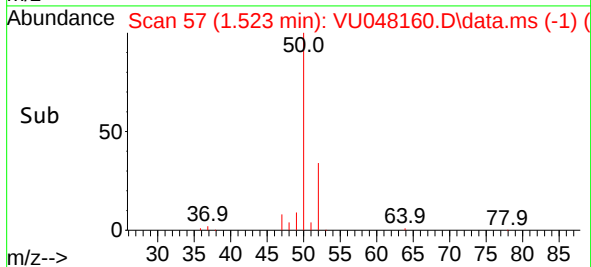
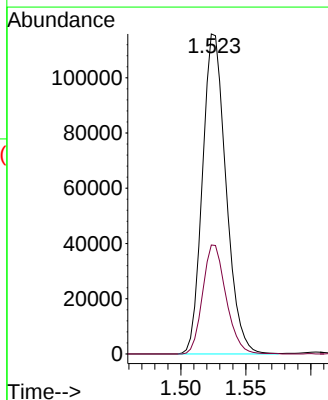
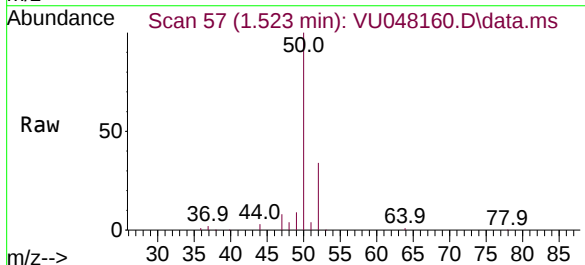
Instrument :
MSVOA_U
ClientSampleId :
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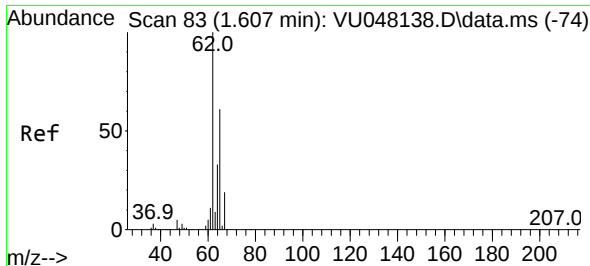
Tgt Ion: 85 Resp: 139655
Ion Ratio Lower Upper
85 100
87 32.2 25.8 38.8



#3
Chloromethane
Concen: 43.379 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU048160.D
Acq: 20 Apr 2022 21:56

Tgt Ion: 50 Resp: 146137
Ion Ratio Lower Upper
50 100
52 34.1 23.2 43.2

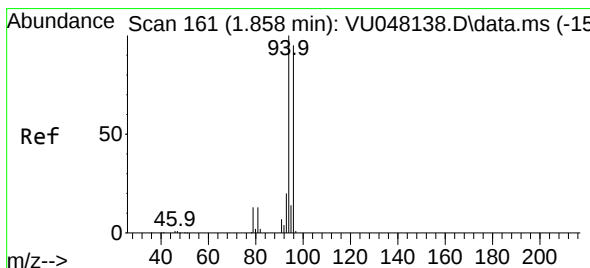
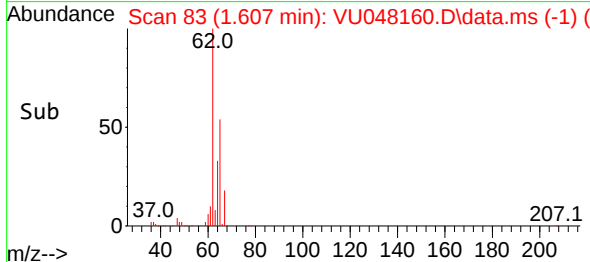
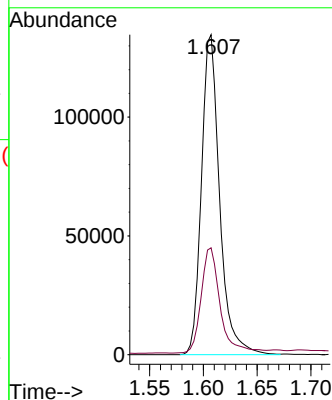
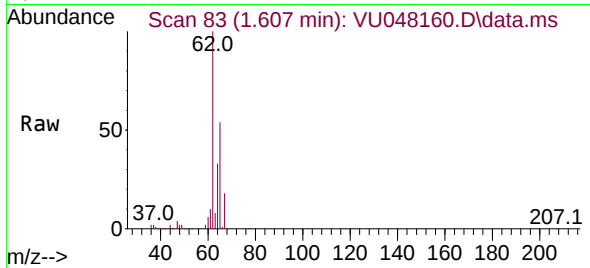




#5
 Vinyl chloride
 Concen: 46.246 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU048160.D
 Acq: 20 Apr 2022 21:56

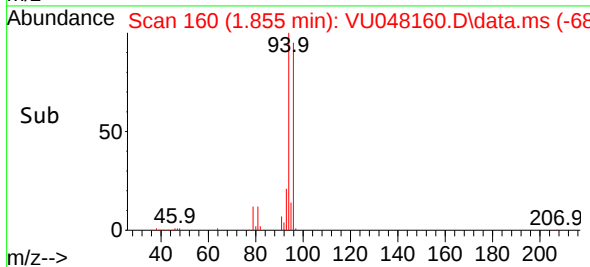
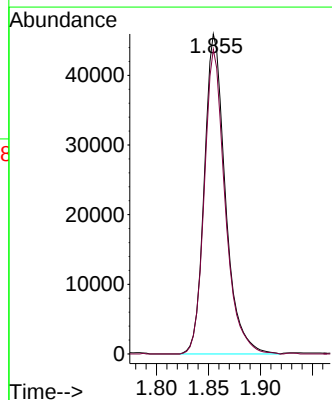
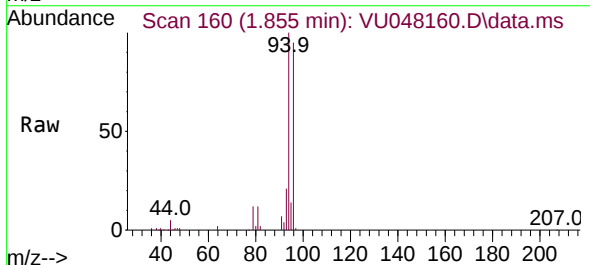
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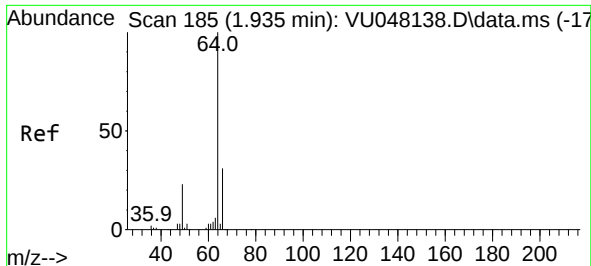
Tgt Ion: 62 Resp: 158895
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.7 43.9



#6
 Bromomethane
 Concen: 34.988 ug/L
 RT: 1.855 min Scan# 160
 Delta R.T. -0.003 min
 Lab File: VU048160.D
 Acq: 20 Apr 2022 21:56

Tgt Ion: 94 Resp: 64703
 Ion Ratio Lower Upper
 94 100
 96 95.2 64.8 120.3

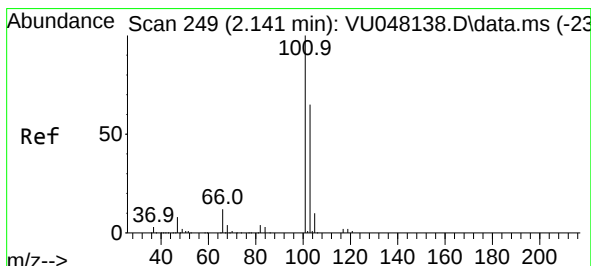
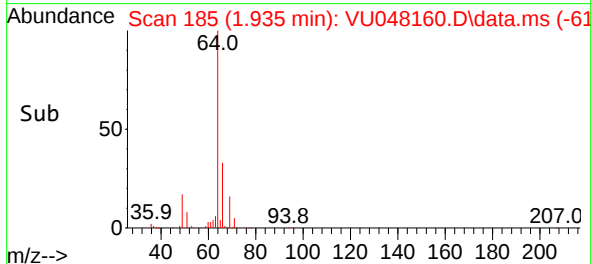
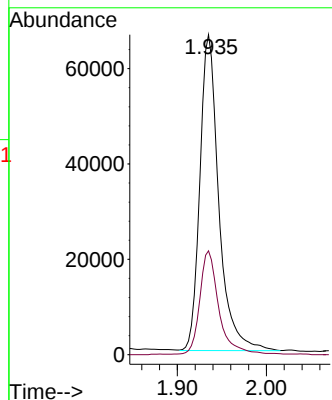
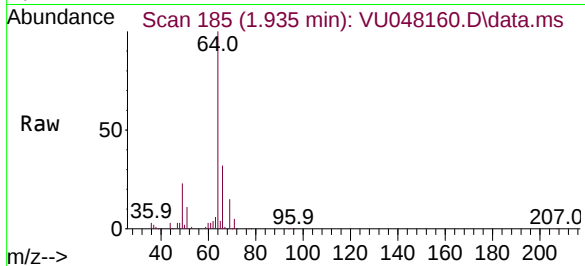




#8
Chloroethane
Concen: 45.430 ug/L
RT: 1.935 min Scan# 185
Delta R.T. 0.000 min
Lab File: VU048160.D
Acq: 20 Apr 2022 21:56

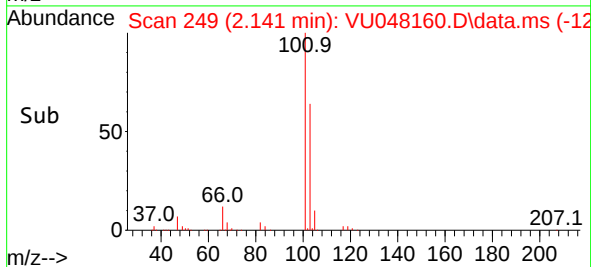
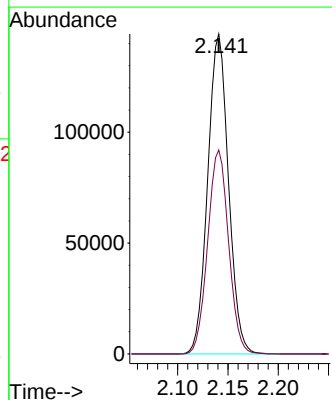
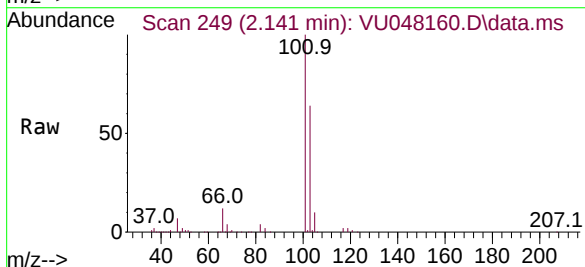
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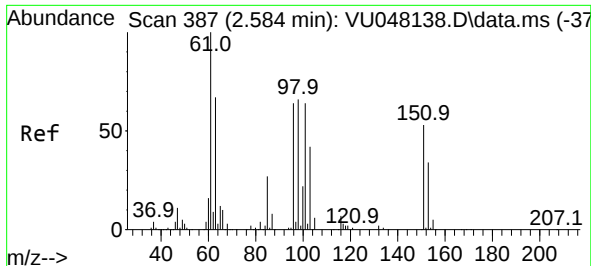
Tgt Ion: 64 Resp: 97987
Ion Ratio Lower Upper
64 100
66 32.5 23.3 43.3



#9
Trichlorofluoromethane
Concen: 42.730 ug/L
RT: 2.141 min Scan# 249
Delta R.T. 0.000 min
Lab File: VU048160.D
Acq: 20 Apr 2022 21:56

Tgt Ion: 101 Resp: 207028
Ion Ratio Lower Upper
101 100
103 64.2 51.4 77.2

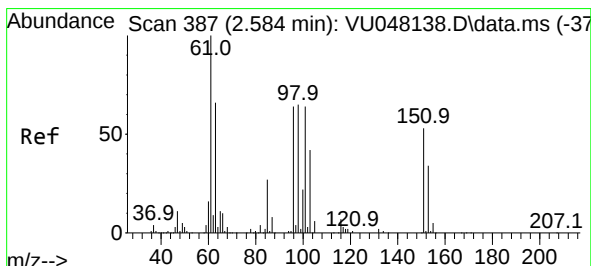
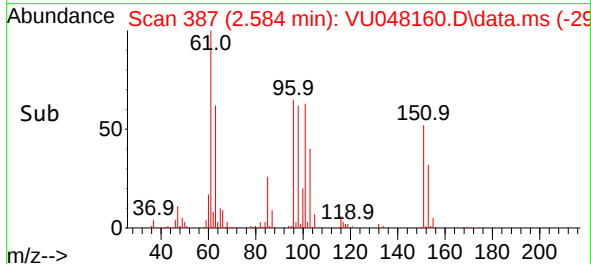
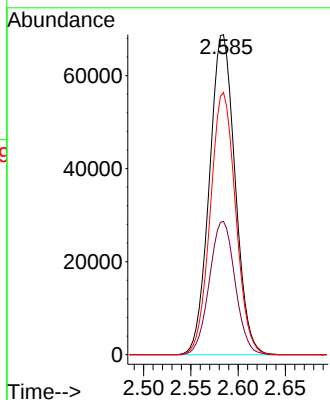
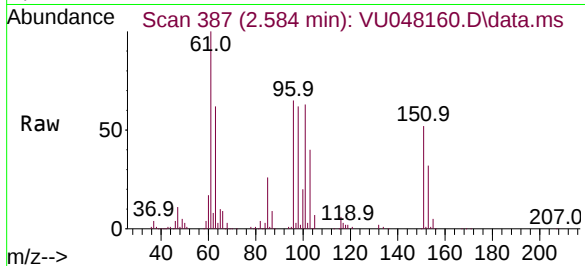




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 46.509 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. 0.000 min
 Lab File: VU048160.D
 Acq: 20 Apr 2022 21:56

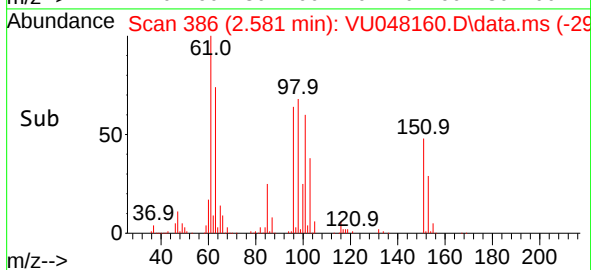
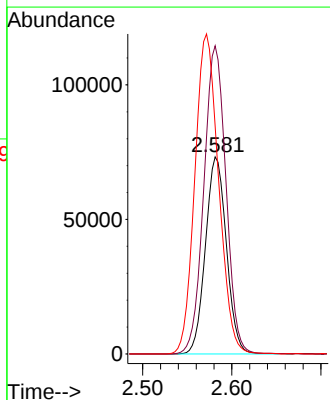
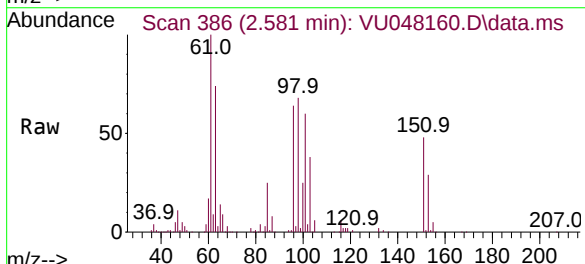
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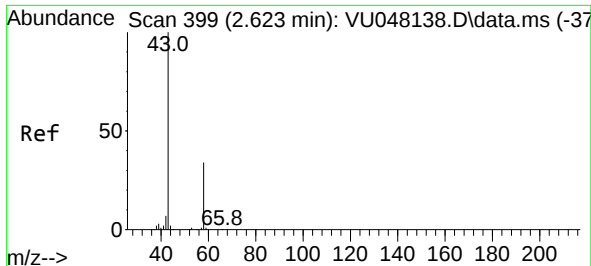
Tgt Ion:101 Resp: 130252
 Ion Ratio Lower Upper
 101 100
 85 41.7 32.8 49.2
 151 80.8 63.0 94.6



#12
 1,1-Dichloroethene
 Concen: 45.898 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. -0.003 min
 Lab File: VU048160.D
 Acq: 20 Apr 2022 21:56

Tgt Ion: 96 Resp: 119629
 Ion Ratio Lower Upper
 96 100
 61 156.3 113.1 210.1
 63 115.4 94.8 176.0





#13

Acetone

Concen: 68.739 ug/L

RT: 2.623 min Scan# 399

Delta R.T. 0.000 min

Lab File: VU048160.D

Acq: 20 Apr 2022 21:56

Instrument :

MSVOA_U

ClientSampleId :

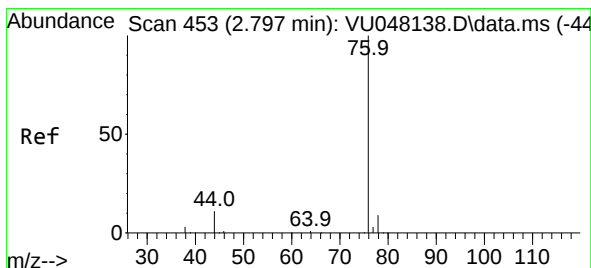
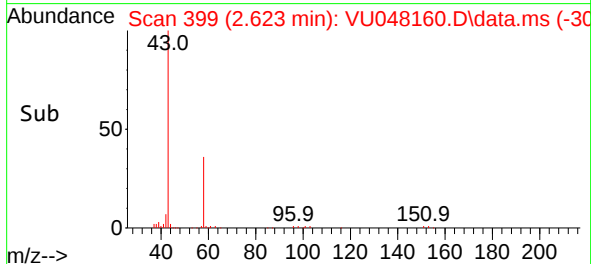
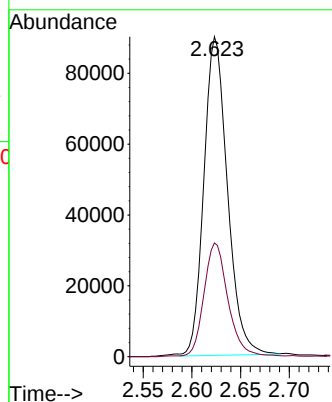
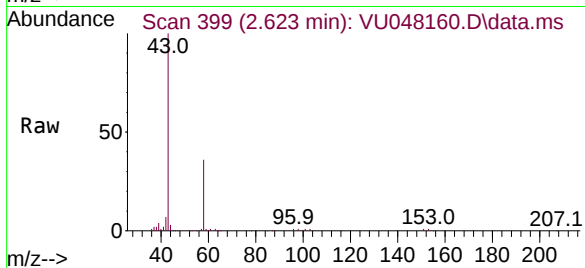
VSTD050091

Tgt Ion: 43 Resp: 151285

Ion Ratio Lower Upper

43 100

58 36.2 0.0 70.0



#14

Carbon disulfide

Concen: 36.116 ug/L

RT: 2.797 min Scan# 453

Delta R.T. 0.000 min

Lab File: VU048160.D

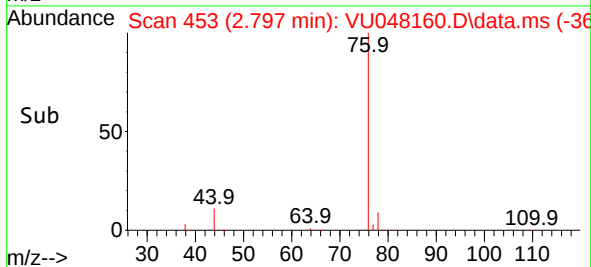
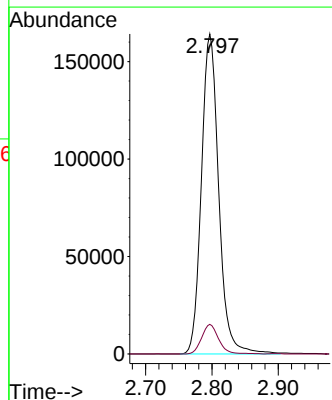
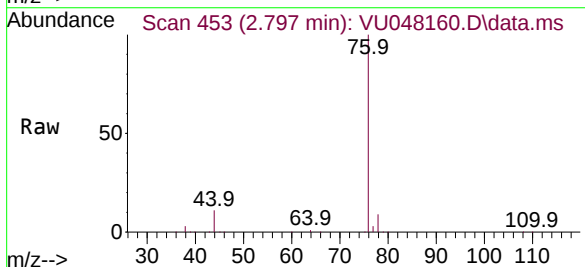
Acq: 20 Apr 2022 21:56

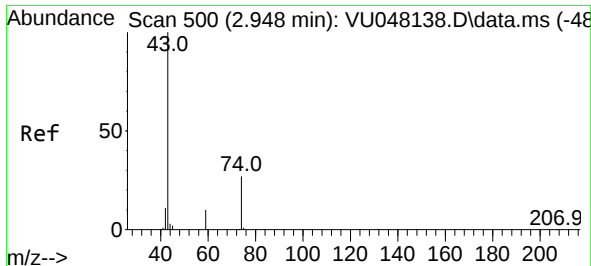
Tgt Ion: 76 Resp: 297552

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0

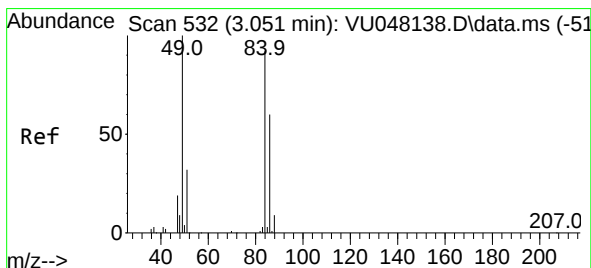
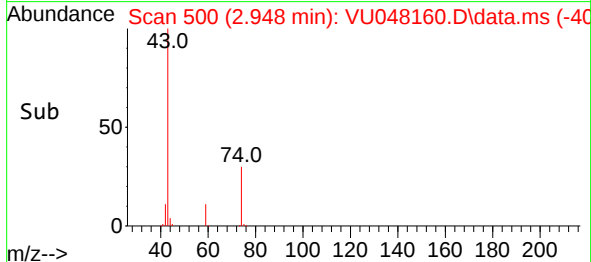
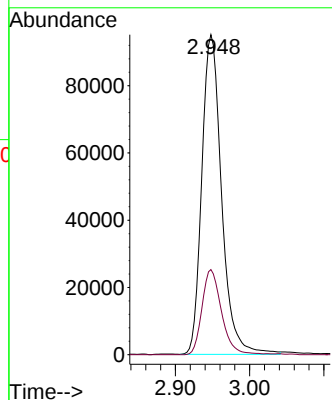
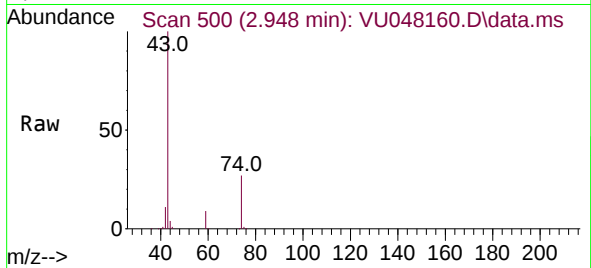




#15
Methyl Acetate
Concen: 50.191 ug/L
RT: 2.948 min Scan# 500
Delta R.T. 0.000 min
Lab File: VU048160.D
Acq: 20 Apr 2022 21:56

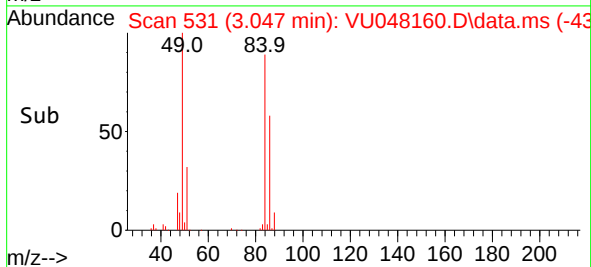
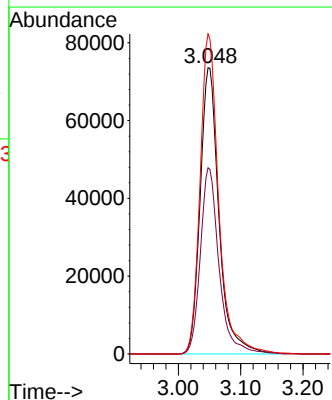
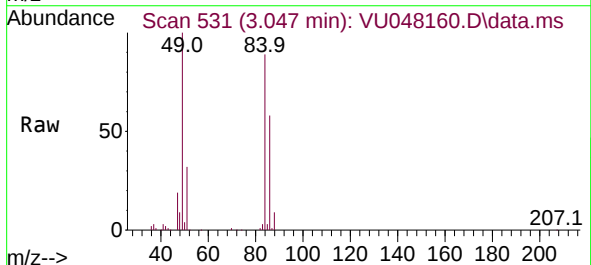
Instrument :
MSVOA_U
ClientSampleId :
VSTD050091

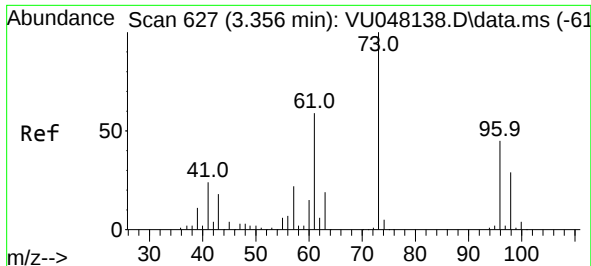
Tgt Ion: 43 Resp: 176144
Ion Ratio Lower Upper
43 100
74 26.1 22.2 33.2



#16
Methylene chloride
Concen: 51.533 ug/L
RT: 3.047 min Scan# 531
Delta R.T. -0.003 min
Lab File: VU048160.D
Acq: 20 Apr 2022 21:56

Tgt Ion: 84 Resp: 154131
Ion Ratio Lower Upper
84 100
86 65.1 46.0 85.4
49 111.8 75.3 139.8

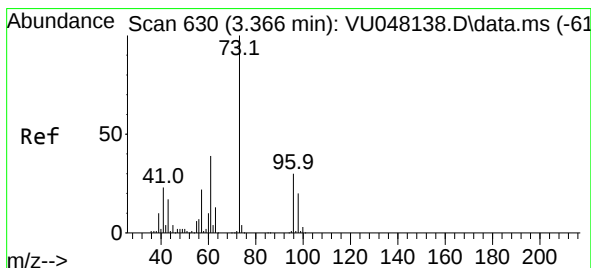
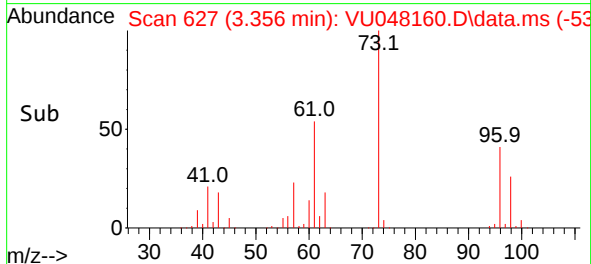
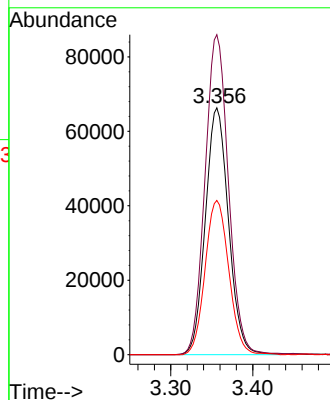
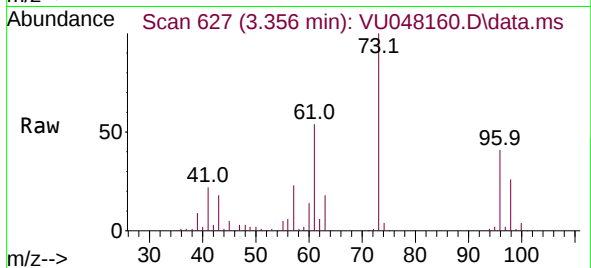




#17
trans-1,2-Dichloroethene
Concen: 46.369 ug/L
RT: 3.356 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU048160.D
Acq: 20 Apr 2022 21:56

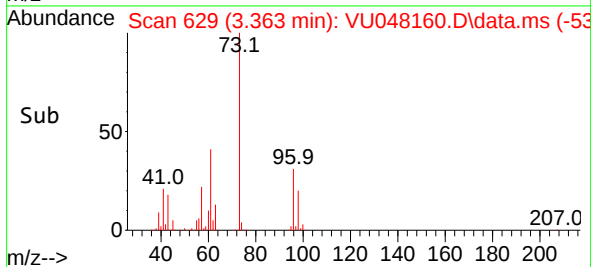
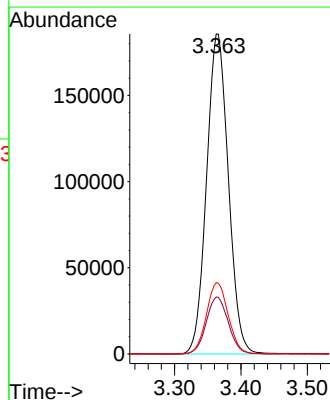
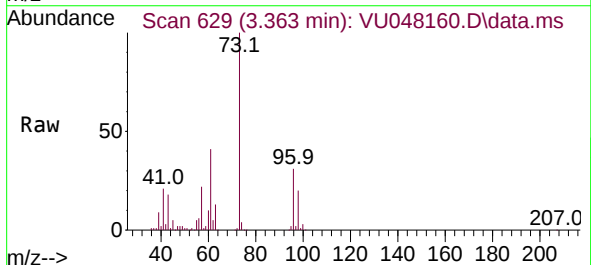
Instrument :
MSVOA_U
ClientSampleId :
VSTD050091

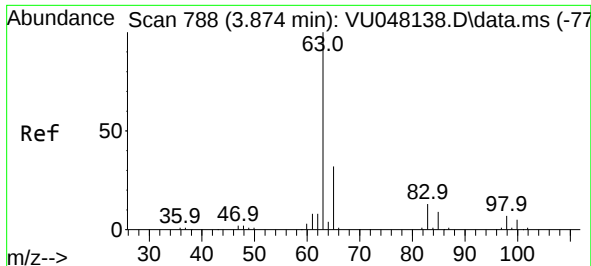
Tgt Ion: 96 Resp: 130357
Ion Ratio Lower Upper
96 100
61 129.6 88.4 164.2
98 62.5 43.3 80.5



#18
Methyl tert-butyl Ether
Concen: 53.443 ug/L
RT: 3.363 min Scan# 629
Delta R.T. -0.003 min
Lab File: VU048160.D
Acq: 20 Apr 2022 21:56

Tgt Ion: 73 Resp: 423870
Ion Ratio Lower Upper
73 100
43 17.9 15.3 22.9
57 22.3 17.0 25.6





#19

1,1-Dichloroethane

Concen: 52.456 ug/L

RT: 3.874 min Scan# 788

Delta R.T. 0.000 min

Lab File: VU048160.D

Acq: 20 Apr 2022 21:56

Instrument :

MSVOA_U

ClientSampleId :

VSTD050091

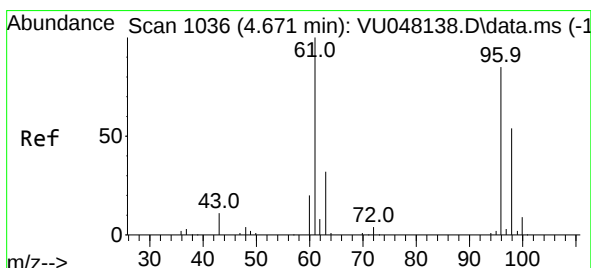
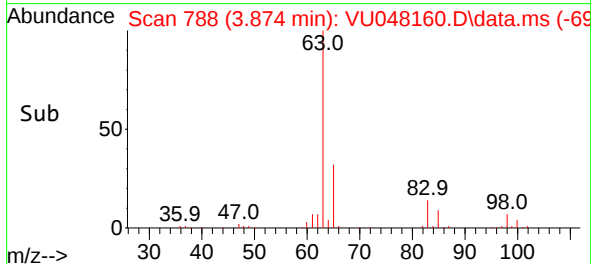
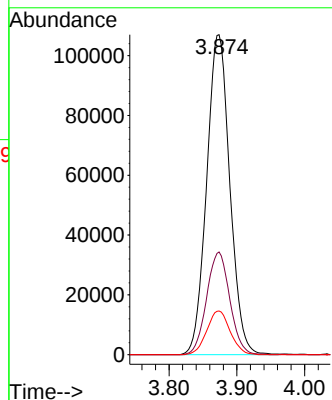
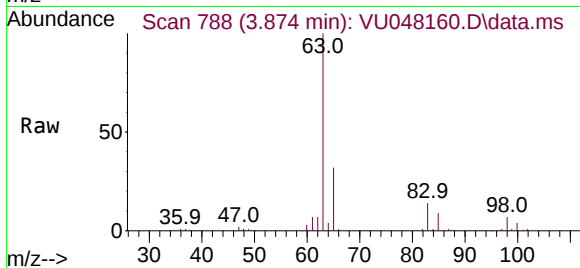
Tgt Ion: 63 Resp: 254329

Ion Ratio Lower Upper

63 100

65 32.1 22.0 41.0

83 13.6 9.7 18.1



#20

cis-1,2-Dichloroethene

Concen: 50.448 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VU048160.D

Acq: 20 Apr 2022 21:56

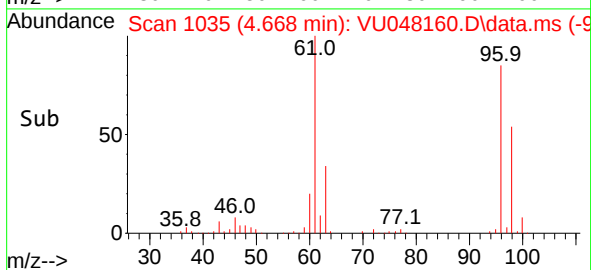
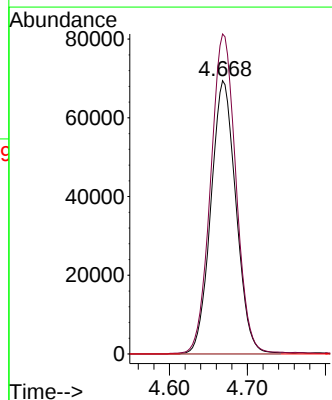
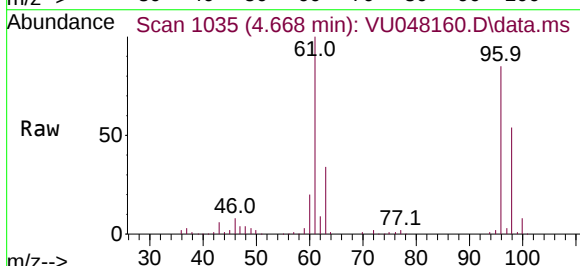
Tgt Ion: 96 Resp: 155481

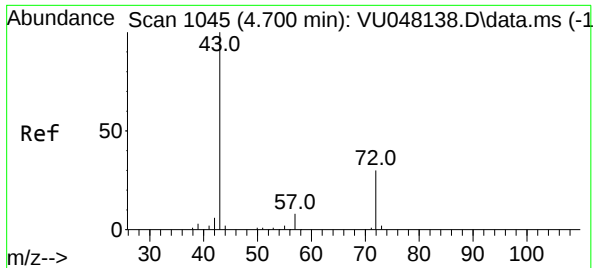
Ion Ratio Lower Upper

96 100

61 117.1 80.7 149.9

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 87.868 ug/L

RT: 4.700 min Scan# 1045

Delta R.T. 0.000 min

Lab File: VU048160.D

Acq: 20 Apr 2022 21:56

Instrument :

MSVOA_U

ClientSampleId :

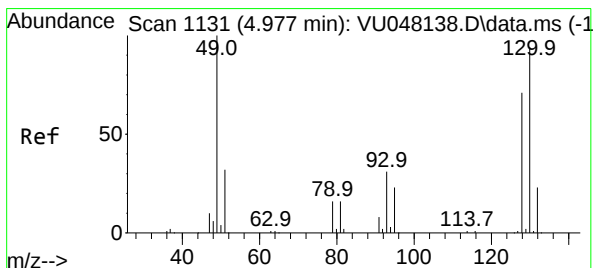
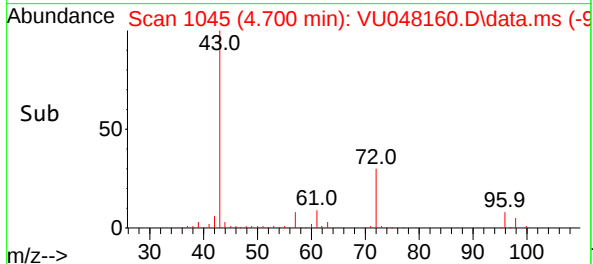
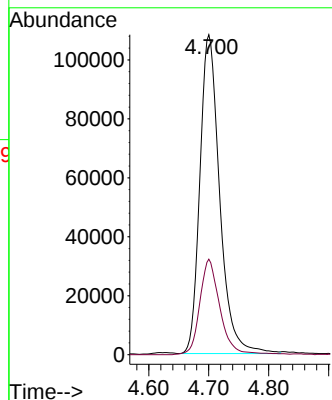
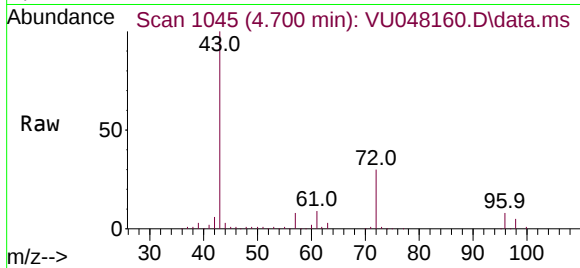
VSTD050091

Tgt Ion: 43 Resp: 249113

Ion Ratio Lower Upper

43 100

72 30.0 16.0 47.9



#23

Bromochloromethane

Concen: 49.827 ug/L

RT: 4.977 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VU048160.D

Acq: 20 Apr 2022 21:56

Tgt Ion: 128 Resp: 84316

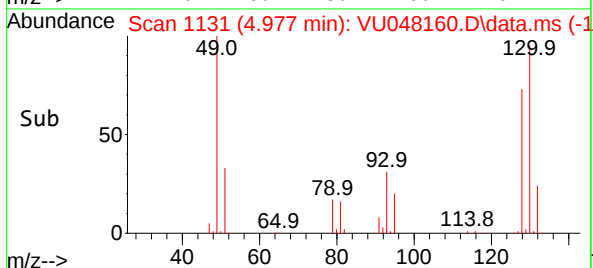
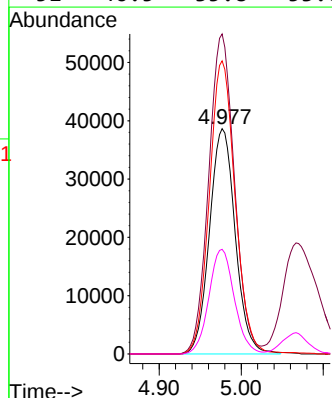
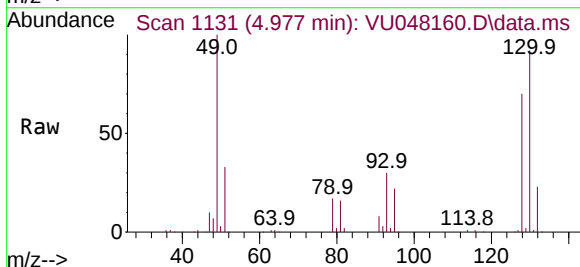
Ion Ratio Lower Upper

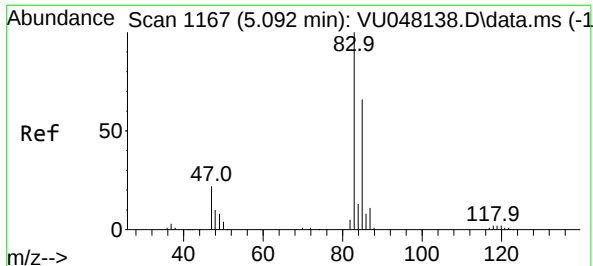
128 100

49 142.0 94.1 174.8

130 130.1 90.2 167.4

51 46.5 35.8 53.6





#25

Chloroform

Concen: 50.881 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. -0.003 min

Lab File: VU048160.D

Acq: 20 Apr 2022 21:56

Instrument :

MSVOA_U

ClientSampleId :

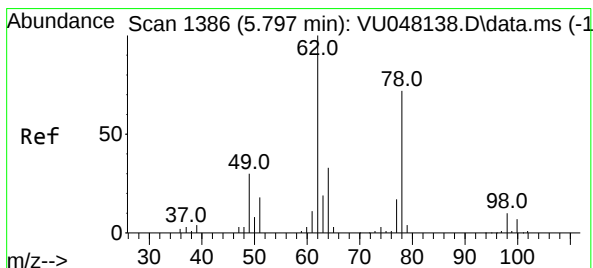
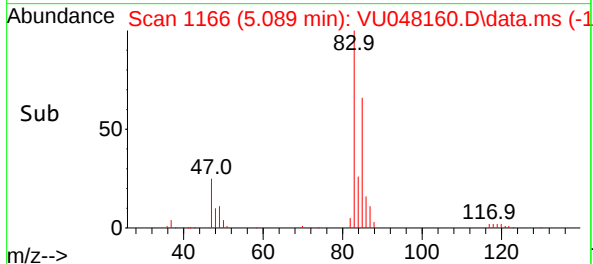
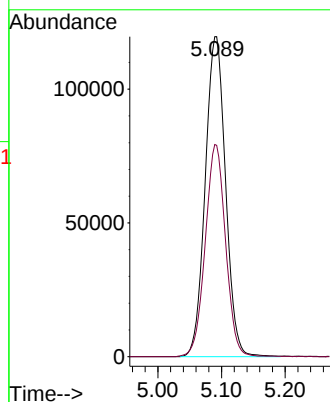
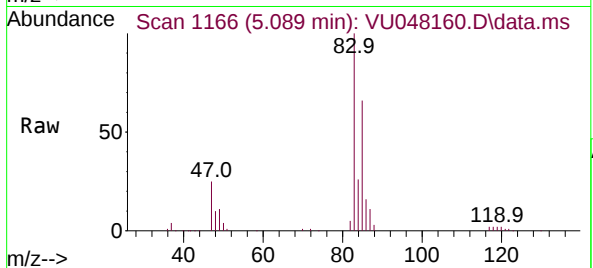
VSTD050091

Tgt Ion: 83 Resp: 265598

Ion Ratio Lower Upper

83 100

85 66.3 46.2 85.8



#27

1,2-Dichloroethane

Concen: 48.721 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. -0.003 min

Lab File: VU048160.D

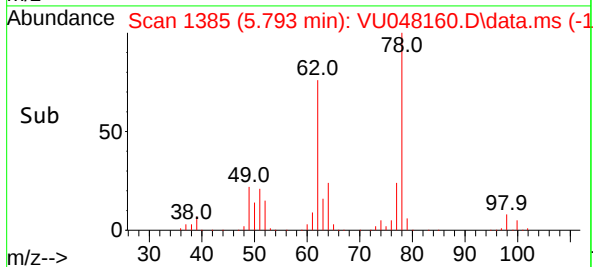
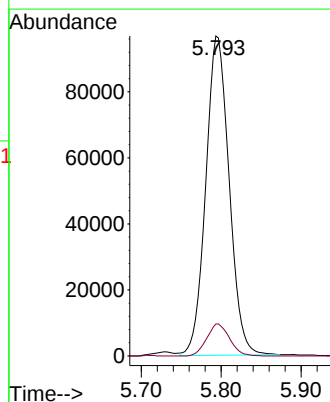
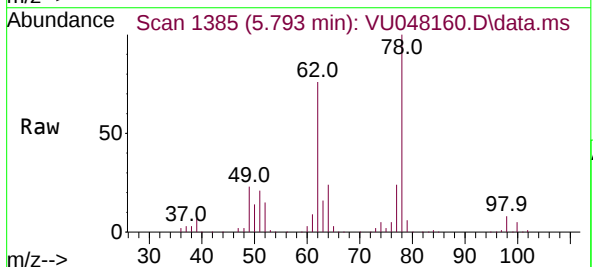
Acq: 20 Apr 2022 21:56

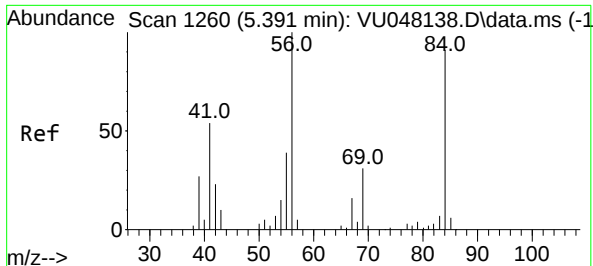
Tgt Ion: 62 Resp: 196489

Ion Ratio Lower Upper

62 100

98 10.0 7.4 11.0





#29

Cyclohexane

Concen: 48.894 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. 0.000 min

Lab File: VU048160.D

Acq: 20 Apr 2022 21:56

Instrument :

MSVOA_U

ClientSampleId :

VSTD050091

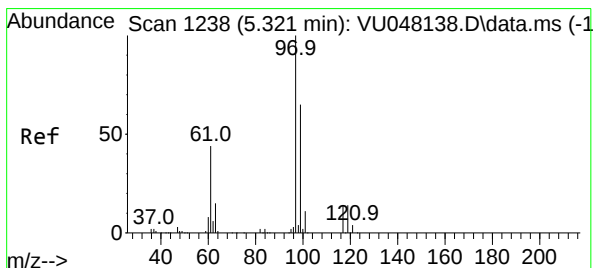
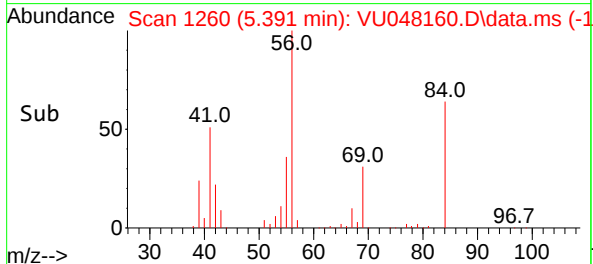
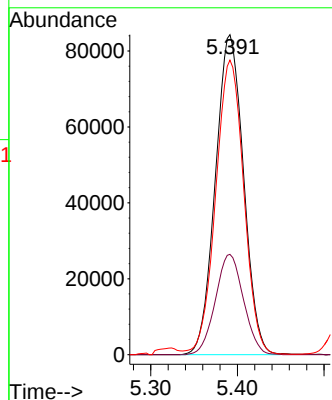
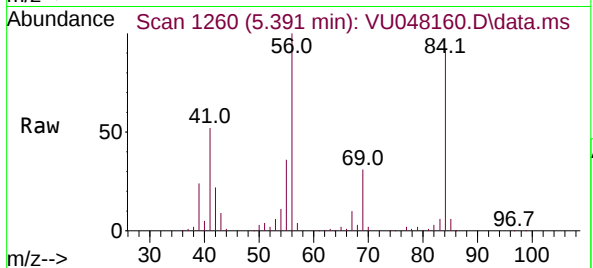
Tgt Ion: 56 Resp: 190505

Ion Ratio Lower Upper

56 100

69 31.2 25.4 38.2

84 91.4 77.0 115.6



#30

1,1,1-Trichloroethane

Concen: 50.153 ug/L

RT: 5.317 min Scan# 1237

Delta R.T. -0.003 min

Lab File: VU048160.D

Acq: 20 Apr 2022 21:56

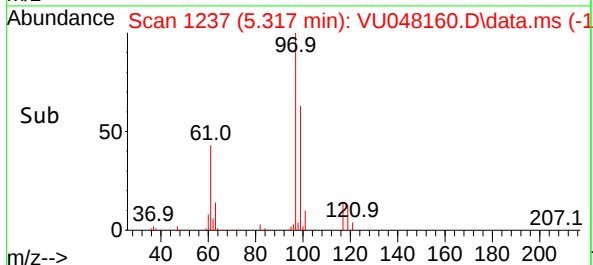
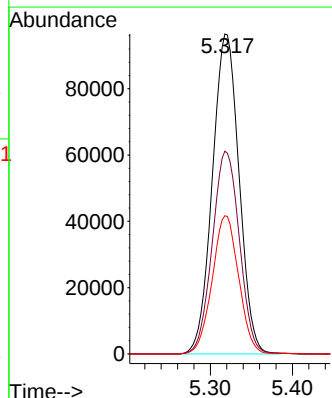
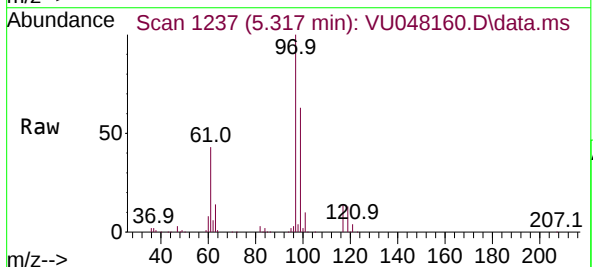
Tgt Ion: 97 Resp: 218358

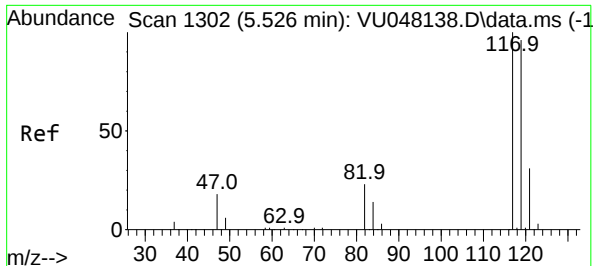
Ion Ratio Lower Upper

97 100

99 64.4 51.6 77.4

61 42.8 34.2 51.4

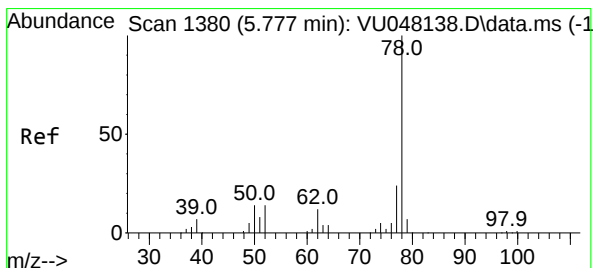
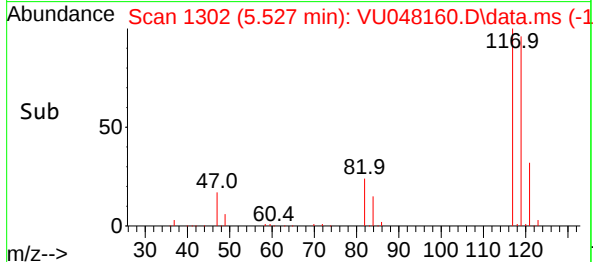
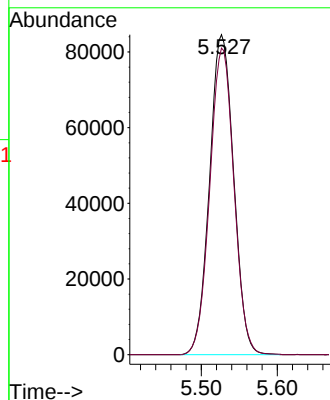
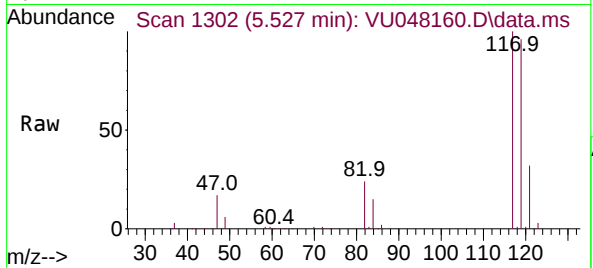




#31
Carbon tetrachloride
Concen: 47.449 ug/L
RT: 5.527 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU048160.D
Acq: 20 Apr 2022 21:56

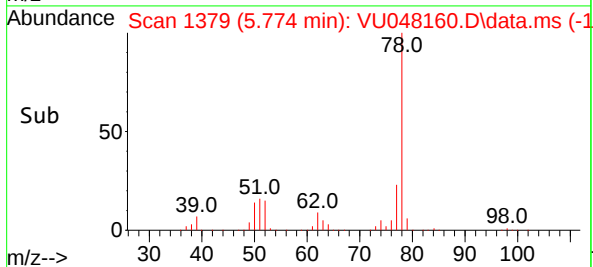
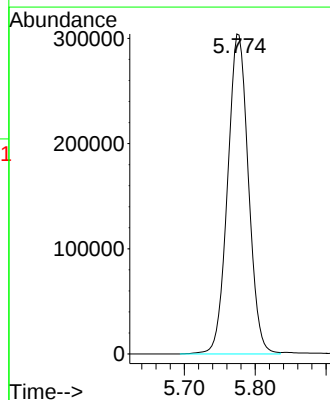
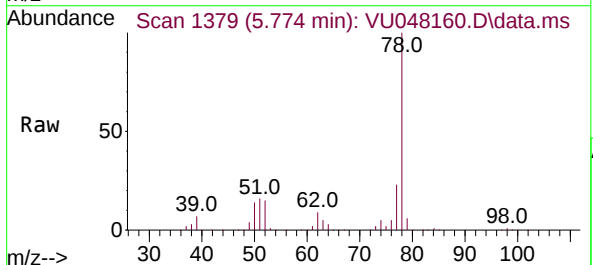
Instrument :
MSVOA_U
ClientSampleId :
VSTD050091

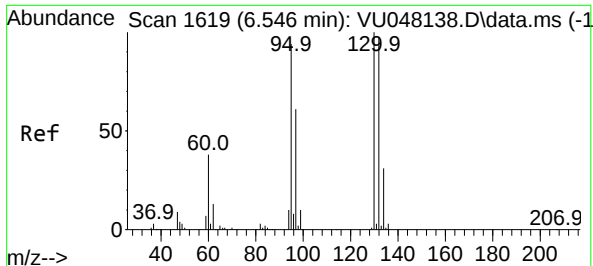
Tgt Ion:117 Resp: 186548
Ion Ratio Lower Upper
117 100
119 95.7 77.2 115.8



#33
Benzene
Concen: 55.894 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.003 min
Lab File: VU048160.D
Acq: 20 Apr 2022 21:56

Tgt Ion: 78 Resp: 621218





#34

Trichloroethene

Concen: 50.002 ug/L

RT: 6.543 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU048160.D

Acq: 20 Apr 2022 21:56

Instrument :

MSVOA_U

ClientSampleId :

VSTD050091

Tgt Ion: 95 Resp: 145696

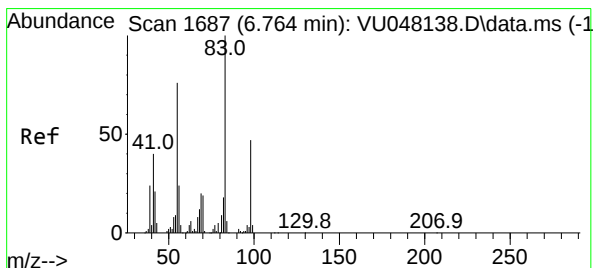
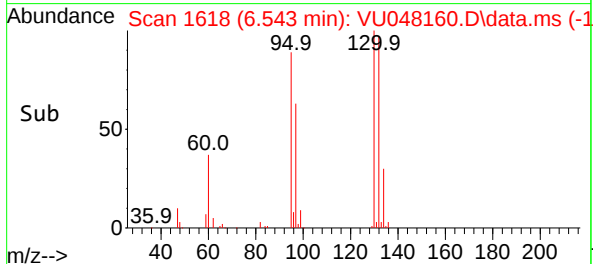
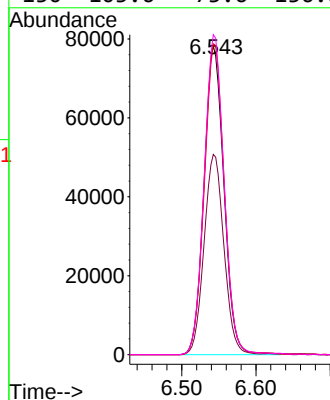
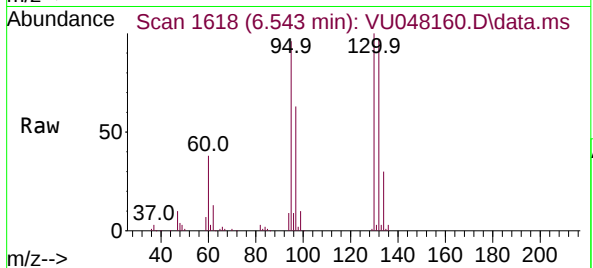
Ion Ratio Lower Upper

95 100

97 64.9 44.7 82.9

132 100.7 70.4 130.8

130 103.6 73.6 136.8



#35

Methylcyclohexane

Concen: 46.015 ug/L

RT: 6.764 min Scan# 1687

Delta R.T. 0.000 min

Lab File: VU048160.D

Acq: 20 Apr 2022 21:56

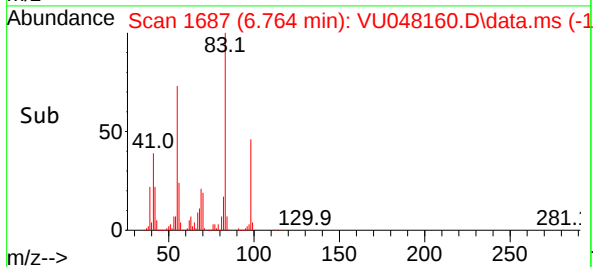
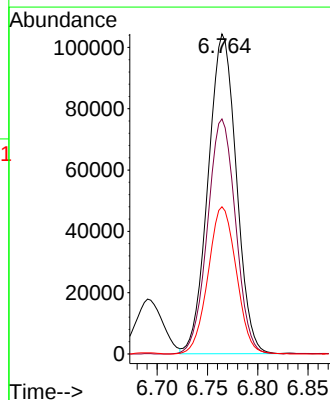
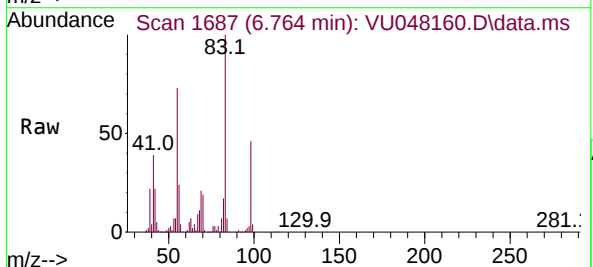
Tgt Ion: 83 Resp: 203976

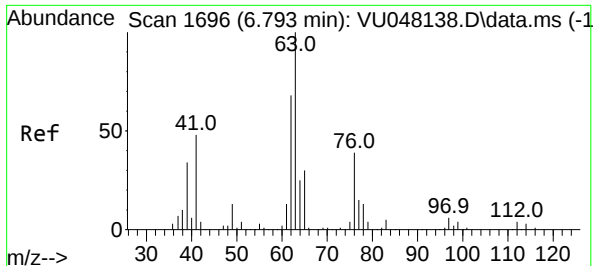
Ion Ratio Lower Upper

83 100

55 73.1 56.8 85.2

98 46.0 38.1 57.1





#37

1,2-Dichloropropane

Concen: 56.308 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU048160.D

Acq: 20 Apr 2022 21:56

Instrument :

MSVOA_U

ClientSampleId :

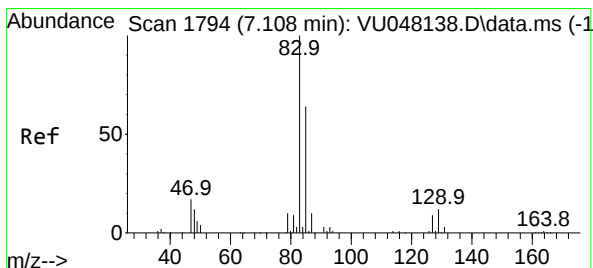
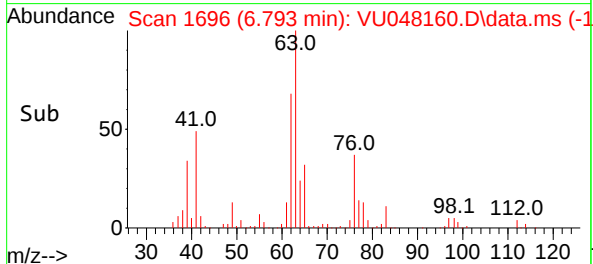
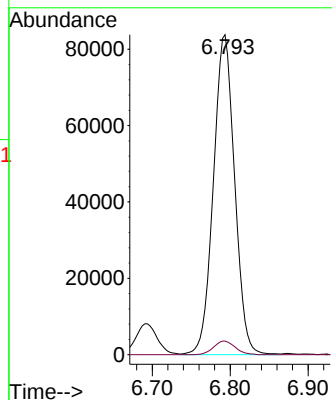
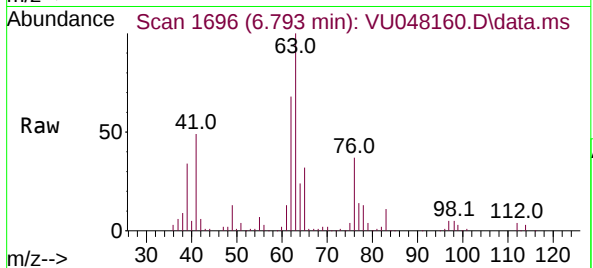
VSTD050091

Tgt Ion: 63 Resp: 159092

Ion Ratio Lower Upper

63 100

112 4.3 3.4 5.2



#38

Bromodichloromethane

Concen: 51.973 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.003 min

Lab File: VU048160.D

Acq: 20 Apr 2022 21:56

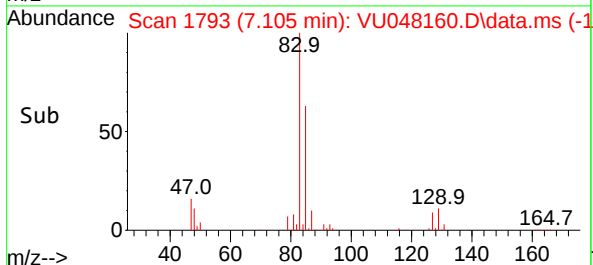
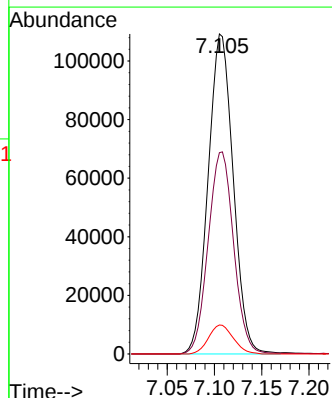
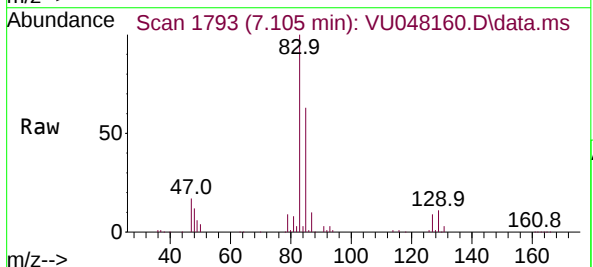
Tgt Ion: 83 Resp: 201651

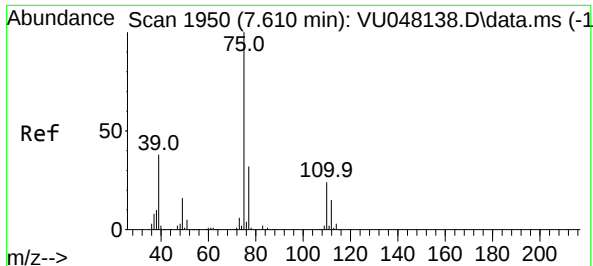
Ion Ratio Lower Upper

83 100

85 62.9 44.4 82.4

127 9.1 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 51.865 ug/L

RT: 7.607 min Scan# 1950

Delta R.T. -0.003 min

Lab File: VU048160.D

Acq: 20 Apr 2022 21:56

Instrument :

MSVOA_U

ClientSampleId :

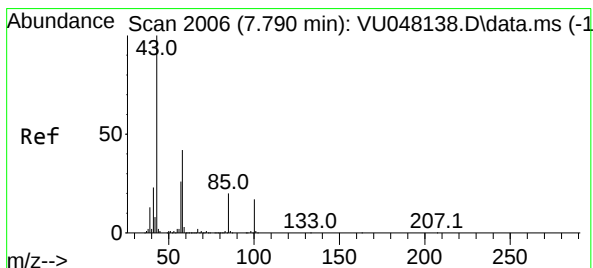
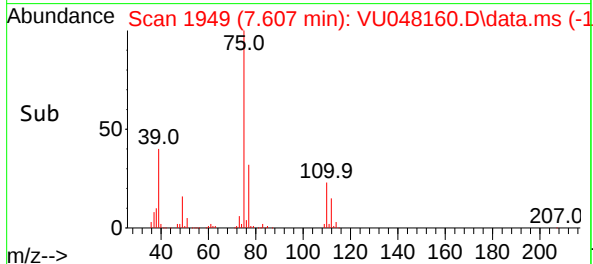
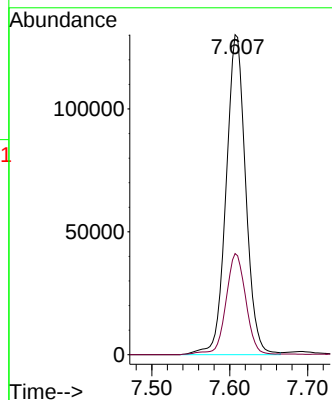
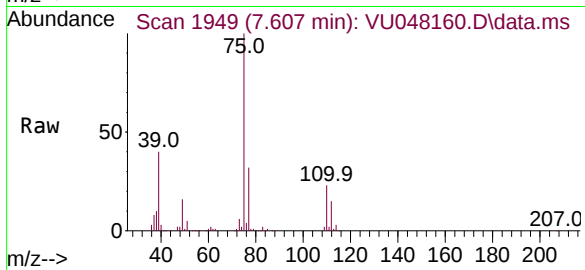
VSTD050091

Tgt Ion: 75 Resp: 227374

Ion Ratio Lower Upper

75 100

77 31.6 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 103.441 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VU048160.D

Acq: 20 Apr 2022 21:56

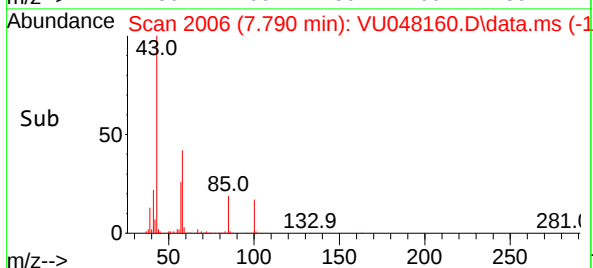
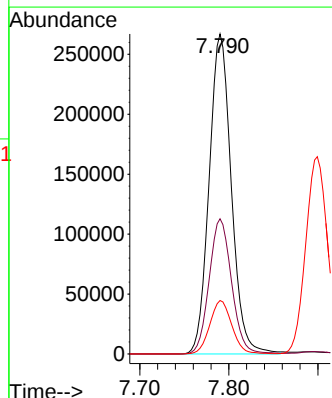
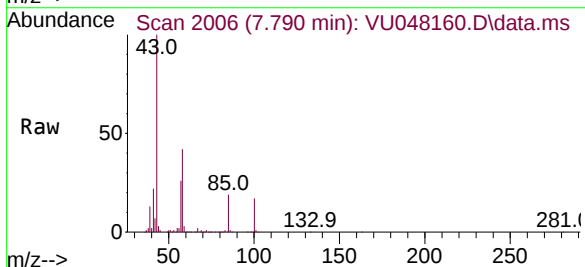
Tgt Ion: 43 Resp: 461916

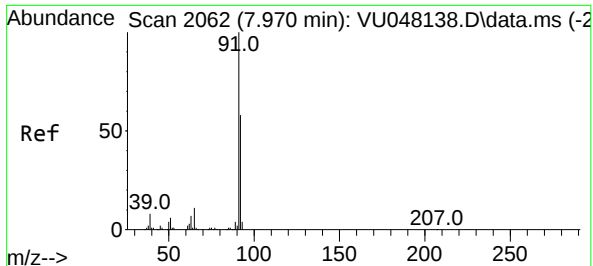
Ion Ratio Lower Upper

43 100

58 42.7 34.7 52.1

100 16.6 14.2 21.2





#42

Toluene

Concen: 51.357 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU048160.D

Acq: 20 Apr 2022 21:56

Instrument :

MSVOA_U

ClientSampleId :

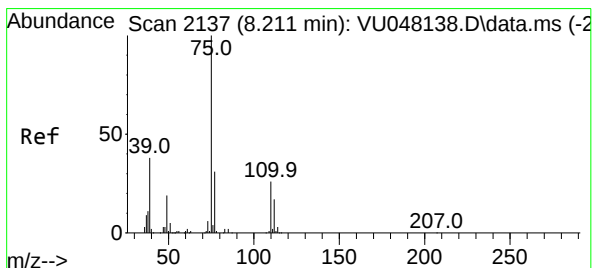
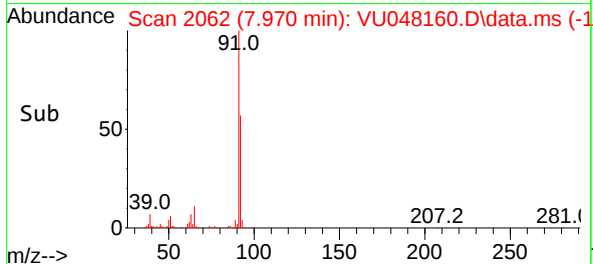
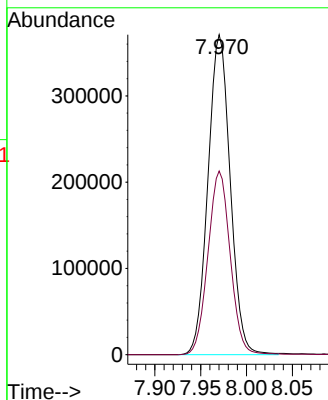
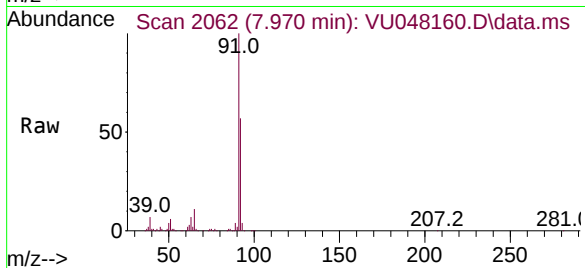
VSTD050091

Tgt Ion: 91 Resp: 626295

Ion Ratio Lower Upper

91 100

92 57.4 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 50.390 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU048160.D

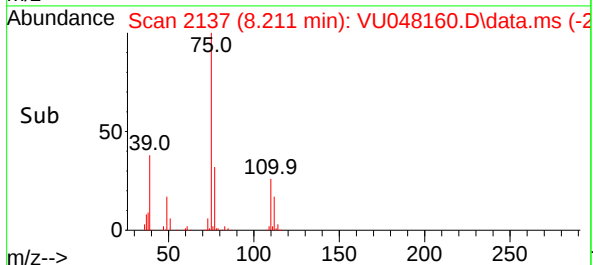
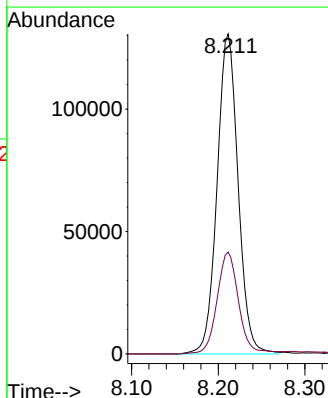
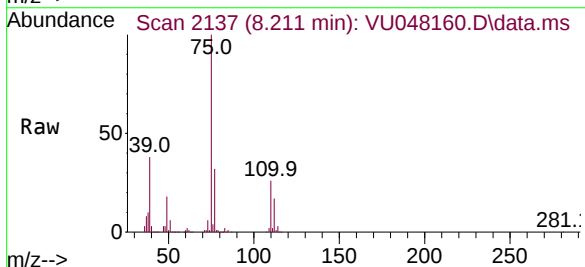
Acq: 20 Apr 2022 21:56

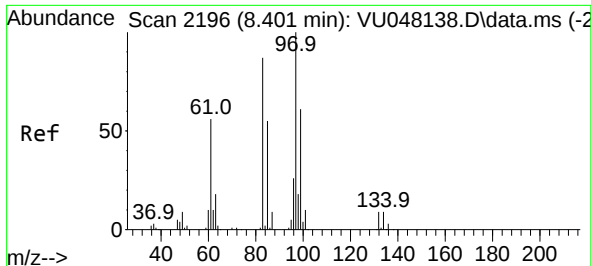
Tgt Ion: 75 Resp: 220564

Ion Ratio Lower Upper

75 100

77 31.8 22.0 40.8

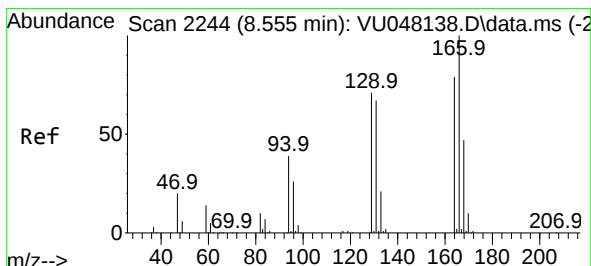
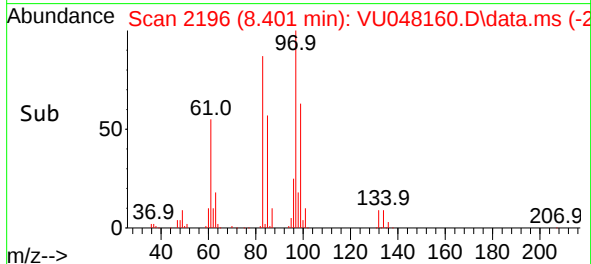
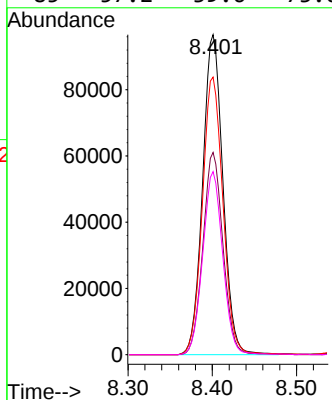
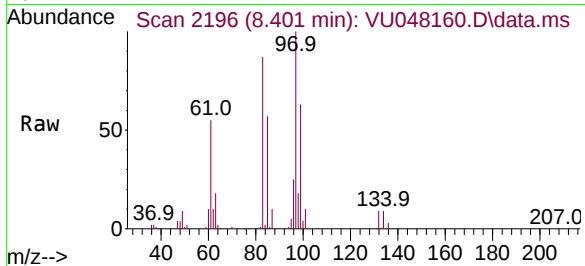




#45
1,1,2-Trichloroethane
Concen: 54.011 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU048160.D
Acq: 20 Apr 2022 21:56

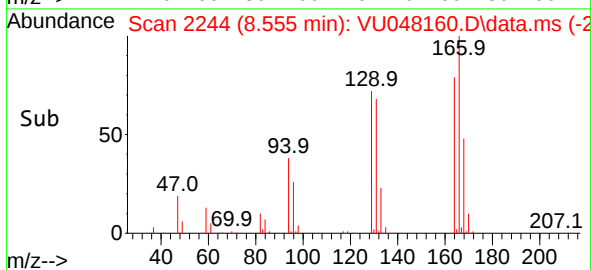
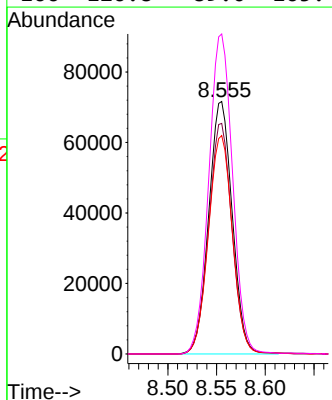
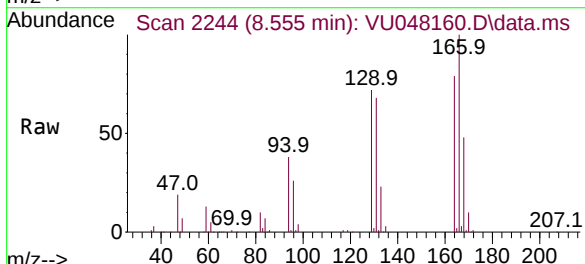
Instrument :
MSVOA_U
ClientSampleId :
VSTD050091

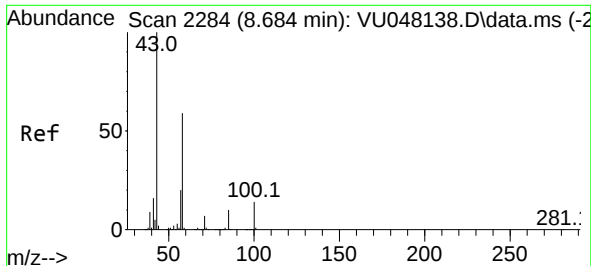
Tgt Ion:	97	Resp:	161844
Ion	Ratio	Lower	Upper
97	100		
99	63.2	43.3	80.3
83	86.7	61.0	113.4
85	57.2	39.6	73.6



#46
Tetrachloroethene
Concen: 46.009 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU048160.D
Acq: 20 Apr 2022 21:56

Tgt Ion:	164	Resp:	120473
Ion	Ratio	Lower	Upper
164	100		
129	91.4	62.4	116.0
131	86.5	60.7	112.7
166	126.8	89.0	165.4

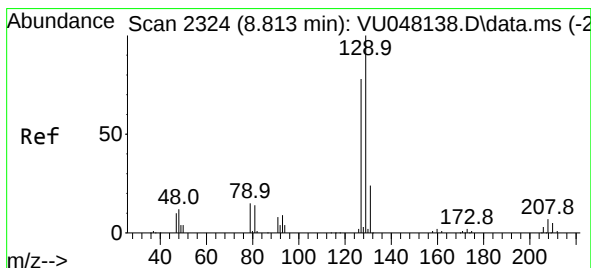
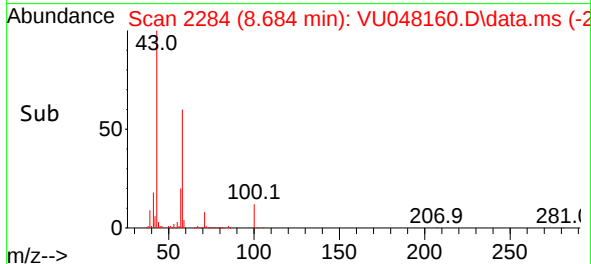
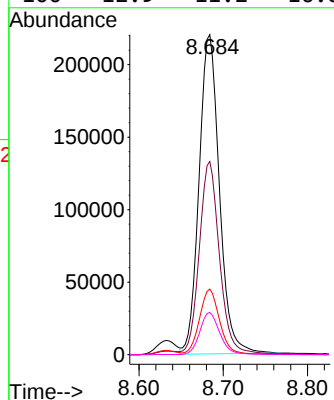
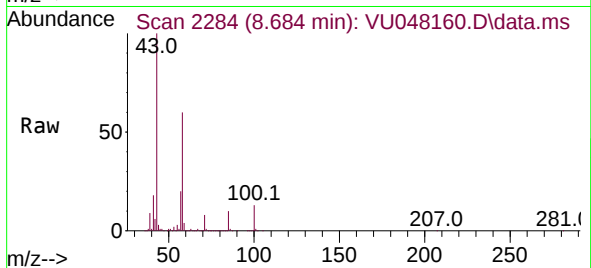




#48
2-Hexanone
Concen: 96.545 ug/L
RT: 8.684 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048160.D
Acq: 20 Apr 2022 21:56

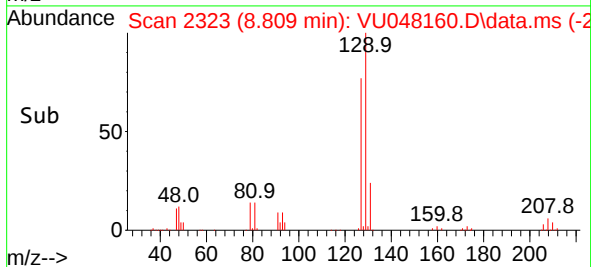
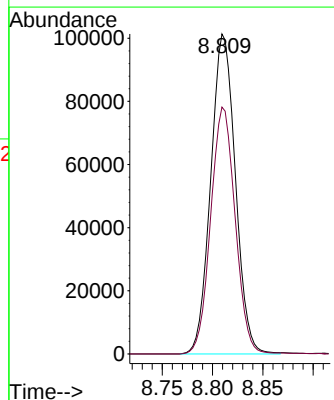
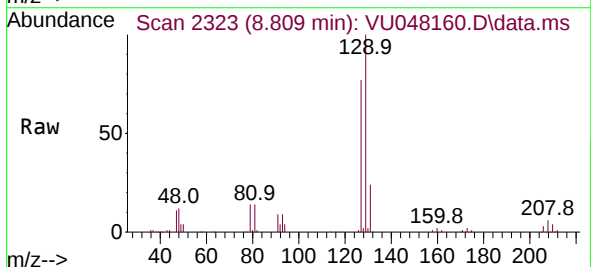
Instrument :
MSVOA_U
ClientSampleId :
VSTD050091

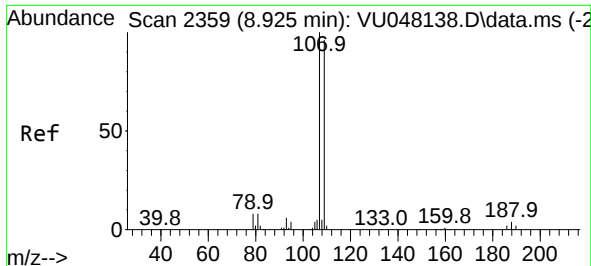
Tgt Ion:	43	Resp:	370846
Ion	Ratio	Lower	Upper
43	100		
58	59.5	48.1	72.1
57	20.3	16.2	24.4
100	12.9	11.2	16.8



#49
Dibromochloromethane
Concen: 49.793 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VU048160.D
Acq: 20 Apr 2022 21:56

Tgt Ion:	129	Resp:	172815
Ion	Ratio	Lower	Upper
129	100		
127	77.1	54.2	100.6

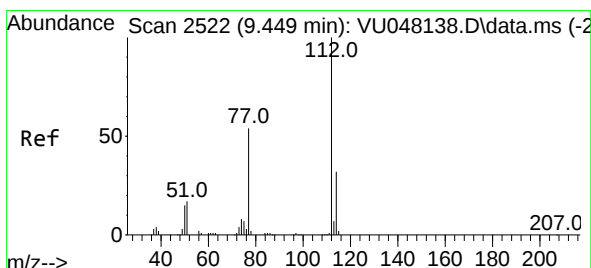
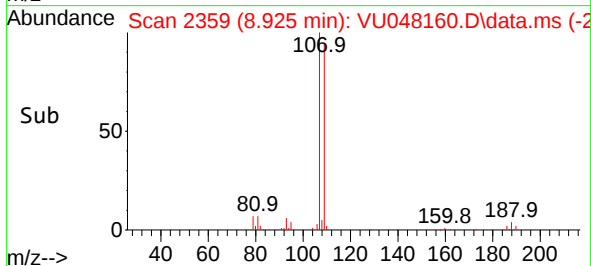
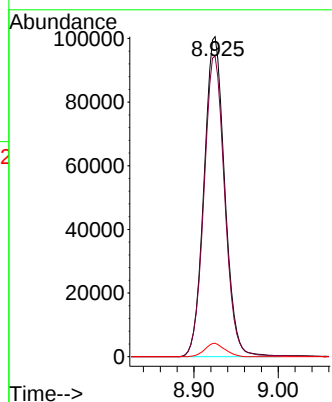
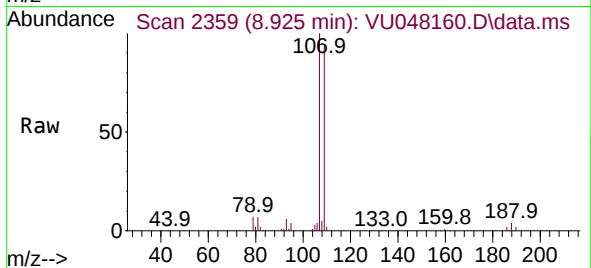




#50
1,2-Dibromoethane
Concen: 51.122 ug/L
RT: 8.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048160.D
Acq: 20 Apr 2022 21:56

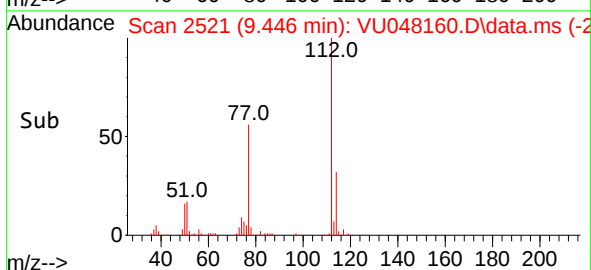
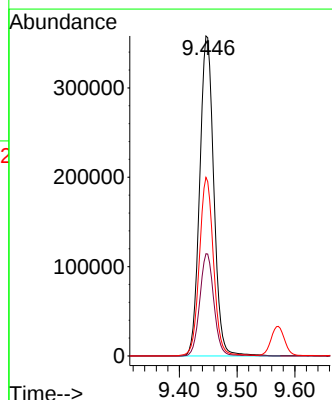
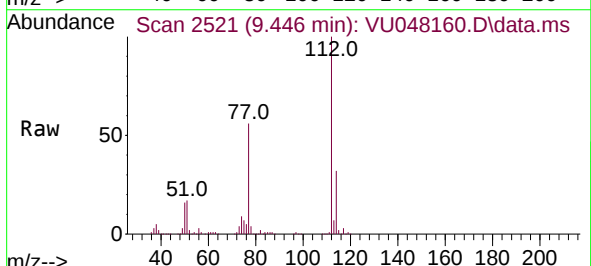
Instrument :
MSVOA_U
ClientSampleId :
VSTD050091

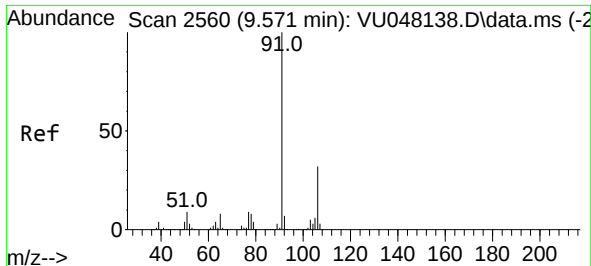
Tgt Ion:107 Resp: 171737
Ion Ratio Lower Upper
107 100
109 93.9 66.6 123.6
188 4.2 3.4 5.2



#51
Chlorobenzene
Concen: 73.311 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU048160.D
Acq: 20 Apr 2022 21:56

Tgt Ion:112 Resp: 607033
Ion Ratio Lower Upper
112 100
114 32.0 22.1 41.1
77 55.8 43.4 65.0

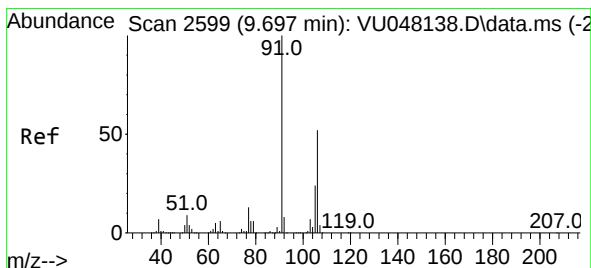
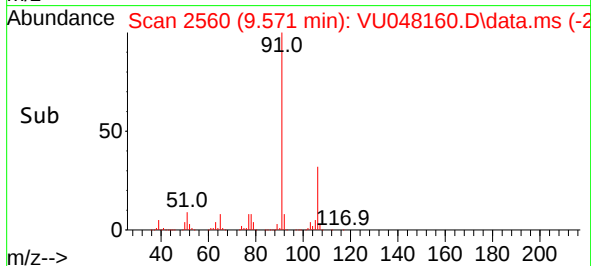
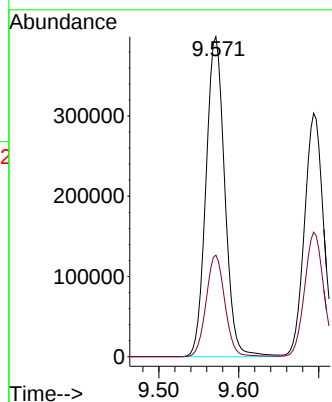
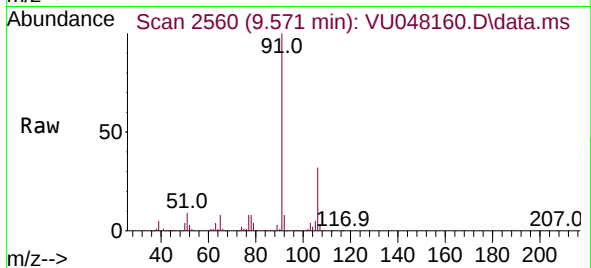




#52
Ethylbenzene
Concen: 50.855 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU048160.D
Acq: 20 Apr 2022 21:56

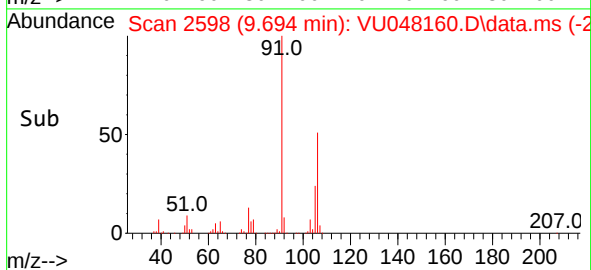
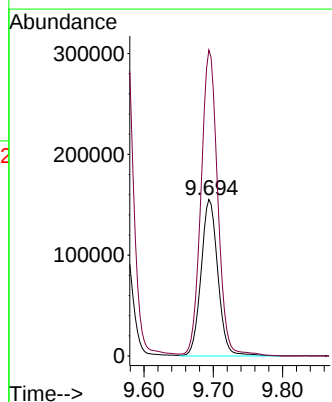
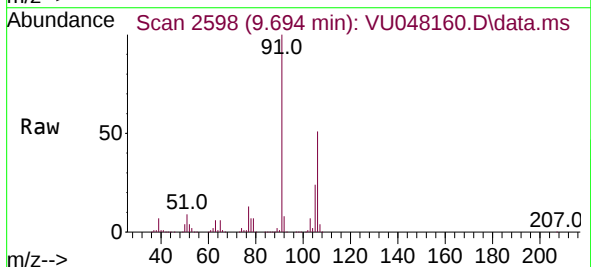
Instrument :
MSVOA_U
ClientSampleId :
VSTD050091

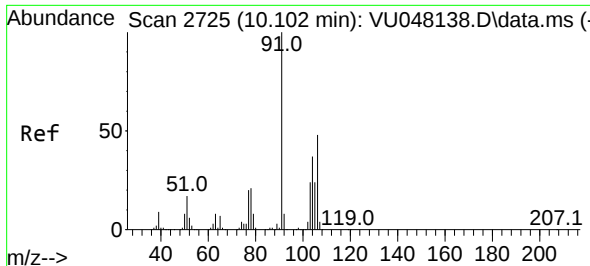
Tgt Ion: 91 Resp: 652084
Ion Ratio Lower Upper
91 100
106 31.7 22.4 41.6



#53
m,p-Xylene
Concen: 52.014 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU048160.D
Acq: 20 Apr 2022 21:56

Tgt Ion: 106 Resp: 261697
Ion Ratio Lower Upper
106 100
91 195.6 137.7 255.7

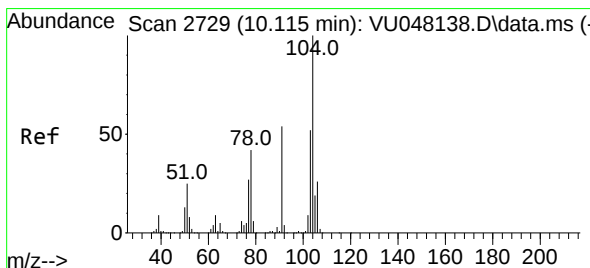
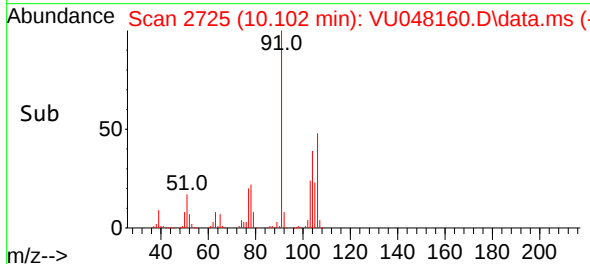
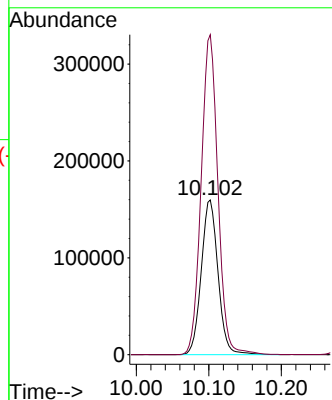
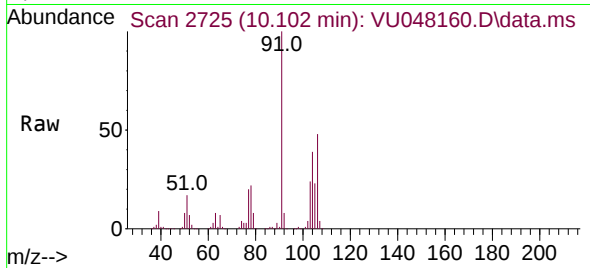




#54
o-Xylene
Concen: 51.972 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU048160.D
Acq: 20 Apr 2022 21:56

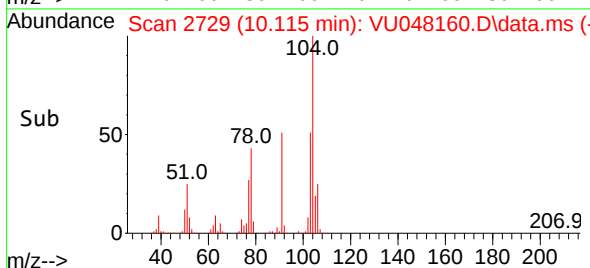
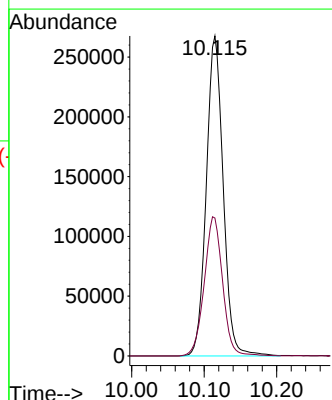
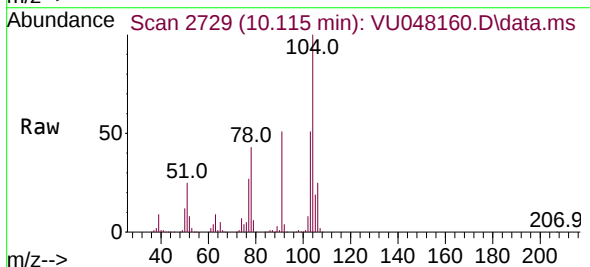
Instrument :
MSVOA_U
ClientSampleId :
VSTD050091

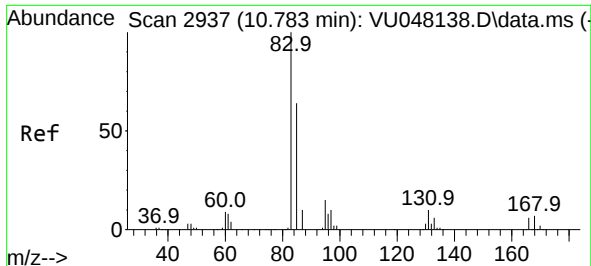
Tgt Ion:106 Resp: 256639
Ion Ratio Lower Upper
106 100
91 206.9 146.7 272.5



#55
Styrene
Concen: 51.420 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU048160.D
Acq: 20 Apr 2022 21:56

Tgt Ion:104 Resp: 433510
Ion Ratio Lower Upper
104 100
78 43.1 30.4 56.4

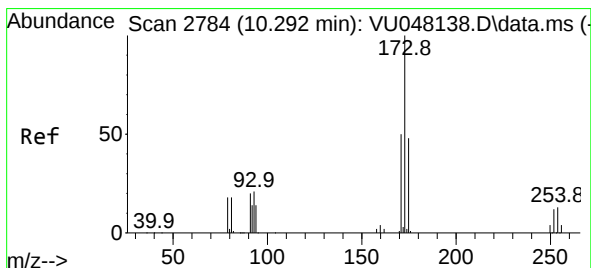
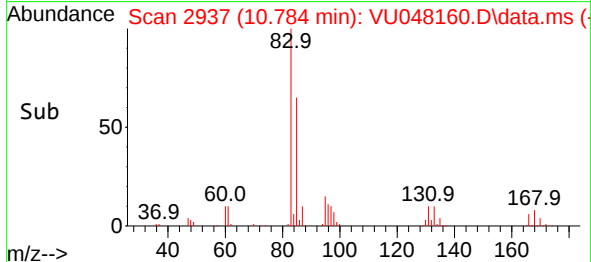
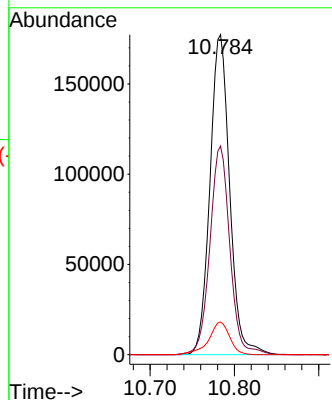
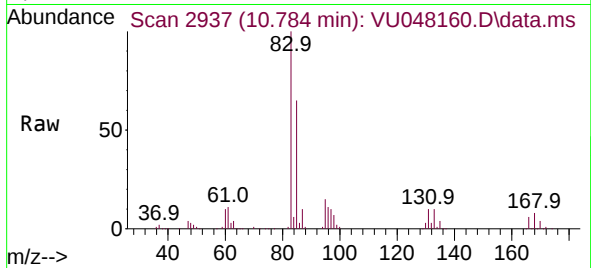




#57
1,1,2,2-Tetrachloroethane
Concen: 51.302 ug/L
RT: 10.784 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU048160.D
Acq: 20 Apr 2022 21:56

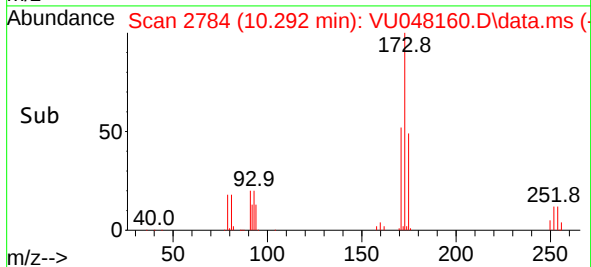
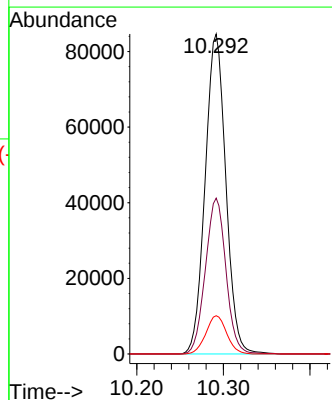
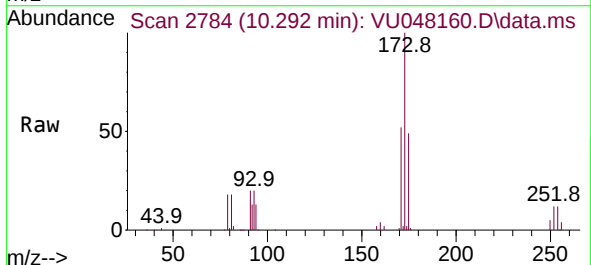
Instrument :
MSVOA_U
ClientSampleId :
VSTD050091

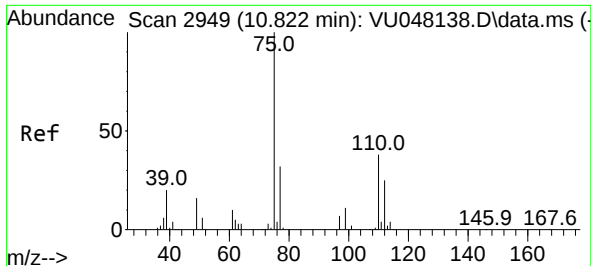
Tgt Ion: 83 Resp: 288198
Ion Ratio Lower Upper
83 100
85 65.2 44.9 83.3
131 10.2 8.6 13.0



#59
Bromoform
Concen: 51.140 ug/L
RT: 10.292 min Scan# 2784
Delta R.T. 0.000 min
Lab File: VU048160.D
Acq: 20 Apr 2022 21:56

Tgt Ion: 173 Resp: 140373
Ion Ratio Lower Upper
173 100
175 48.4 38.7 58.1
254 12.0 9.6 14.4

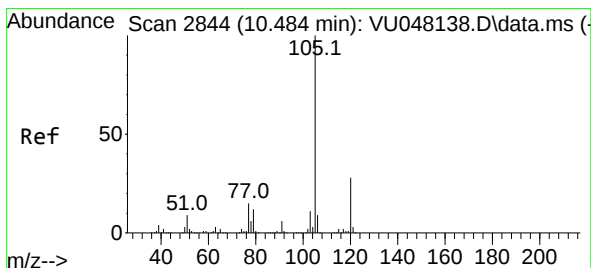
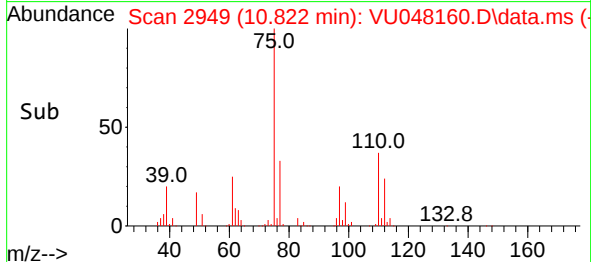
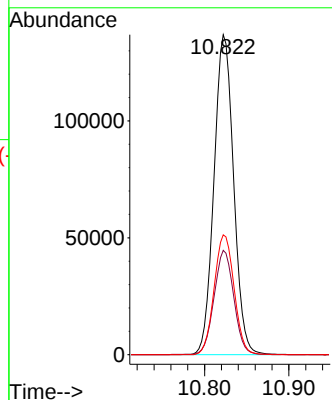
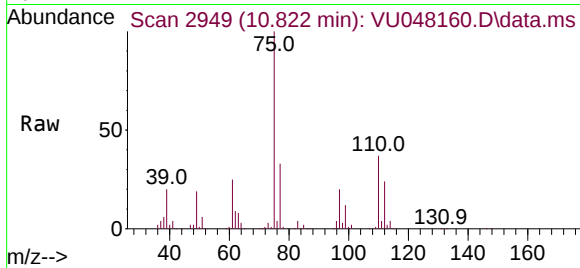




#60
1,2,3-Trichloropropane
Concen: 54.722 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU048160.D
Acq: 20 Apr 2022 21:56

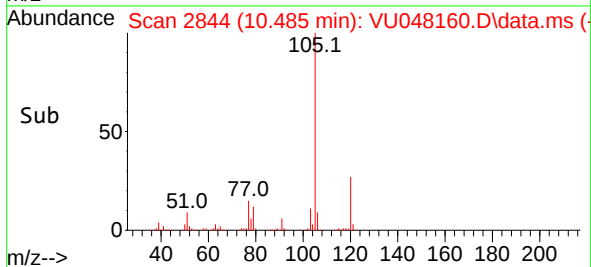
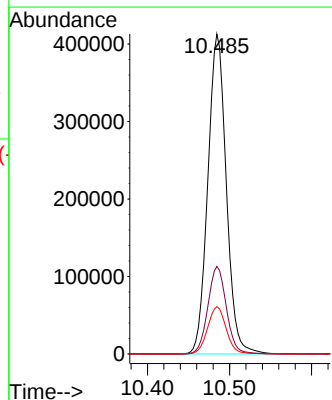
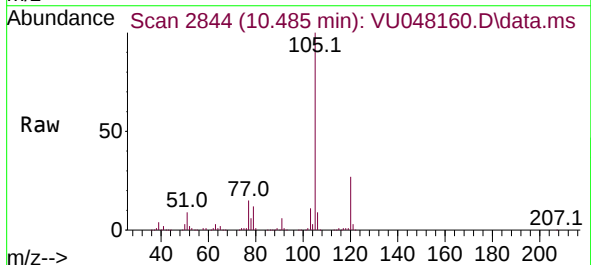
Instrument :
MSVOA_U
ClientSampleId :
VSTD050091

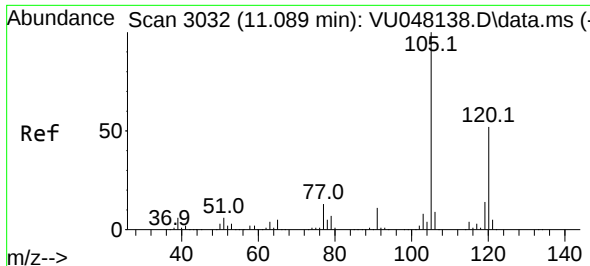
Tgt Ion: 75 Resp: 221444
Ion Ratio Lower Upper
75 100
77 32.7 26.0 39.0
110 38.0 31.4 47.2



#61
Isopropylbenzene
Concen: 55.663 ug/L
RT: 10.485 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU048160.D
Acq: 20 Apr 2022 21:56

Tgt Ion:105 Resp: 645755
Ion Ratio Lower Upper
105 100
120 27.4 21.9 32.9
77 14.9 12.1 18.1

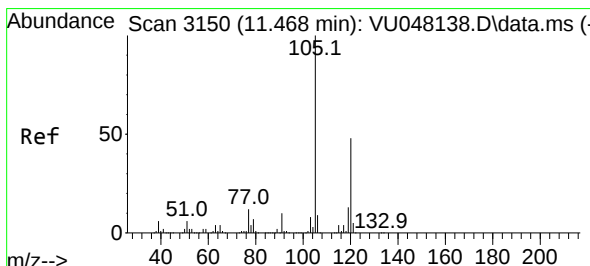
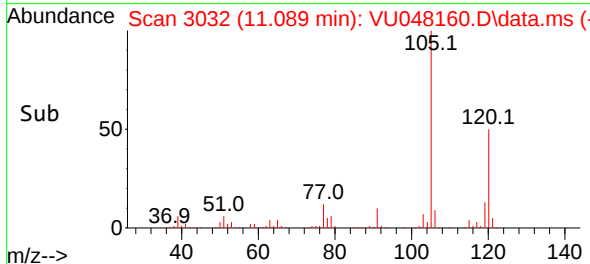
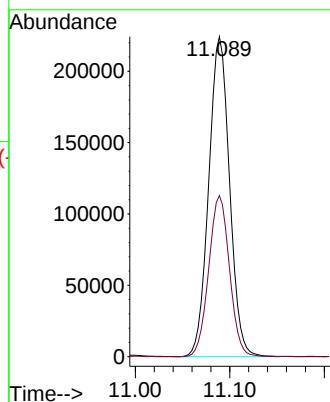
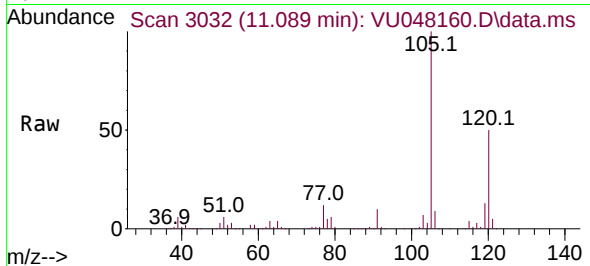




#62
1,3,5-Trimethylbenzene
Concen: 54.554 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU048160.D
Acq: 20 Apr 2022 21:56

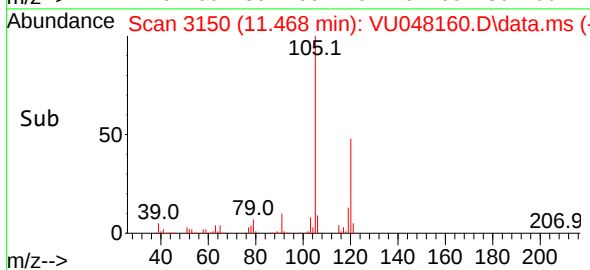
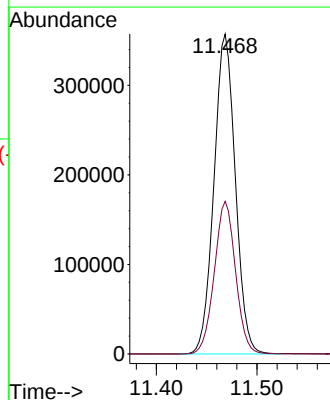
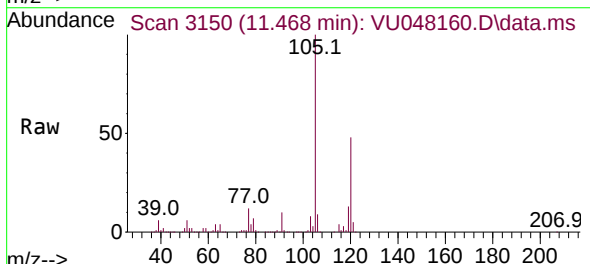
Instrument :
MSVOA_U
ClientSampleId :
VSTD050091

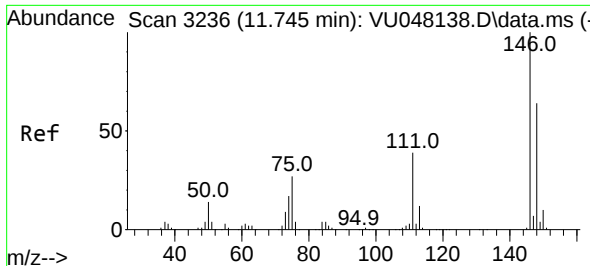
Tgt Ion:105 Resp: 343390
Ion Ratio Lower Upper
105 100
120 50.1 40.8 61.2



#63
1,2,4-Trimethylbenzene
Concen: 55.192 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU048160.D
Acq: 20 Apr 2022 21:56

Tgt Ion:105 Resp: 527705
Ion Ratio Lower Upper
105 100
120 47.3 37.6 56.4

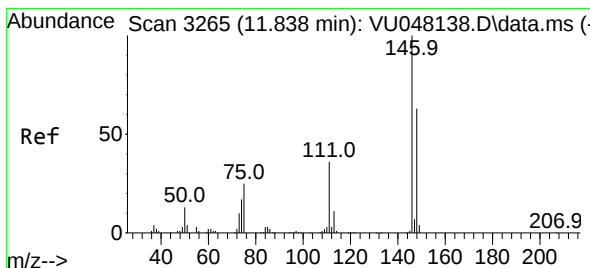
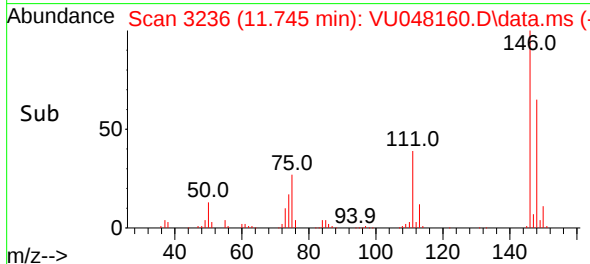
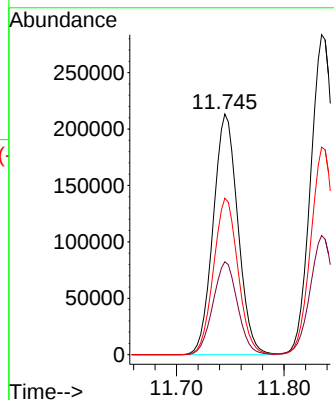
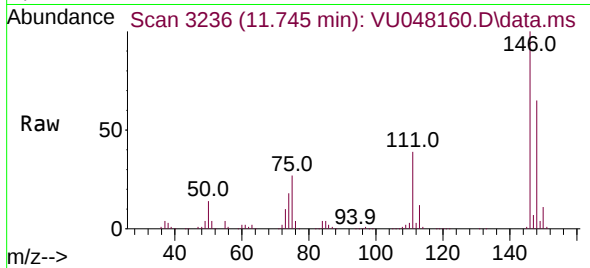




#64
1,3-Dichlorobenzene
Concen: 52.802 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU048160.D
Acq: 20 Apr 2022 21:56

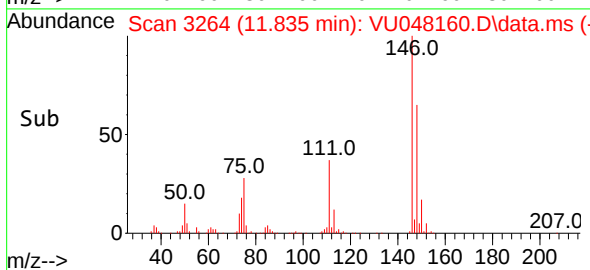
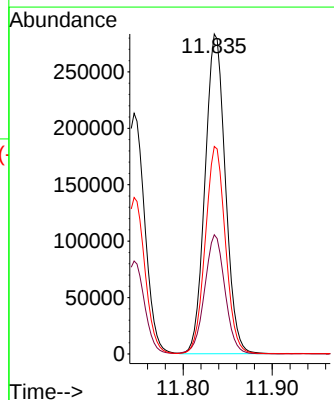
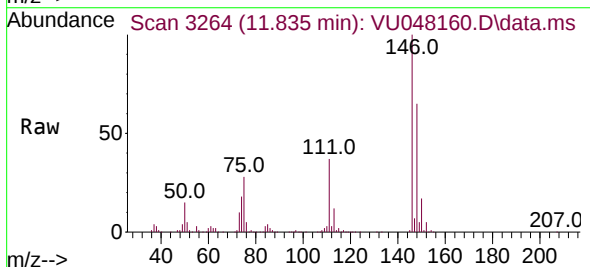
Instrument :
MSVOA_U
ClientSampleId :
VSTD050091

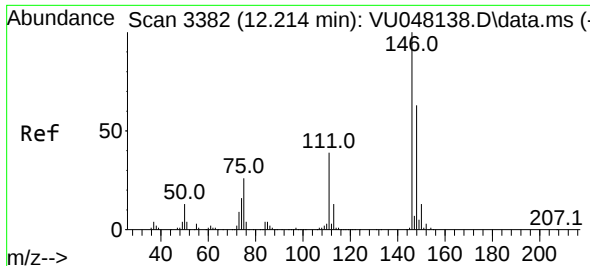
Tgt Ion:146 Resp: 340478
Ion Ratio Lower Upper
146 100
111 38.7 26.7 49.7
148 65.0 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 67.142 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.003 min
Lab File: VU048160.D
Acq: 20 Apr 2022 21:56

Tgt Ion:146 Resp: 448441
Ion Ratio Lower Upper
146 100
111 37.2 25.3 47.1
148 64.8 44.5 82.7

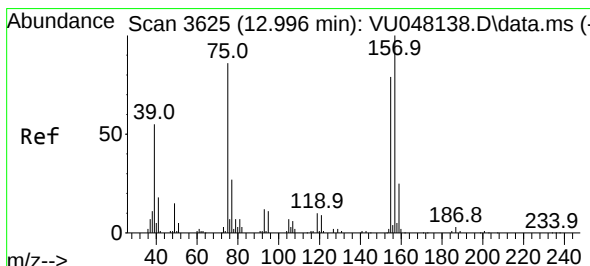
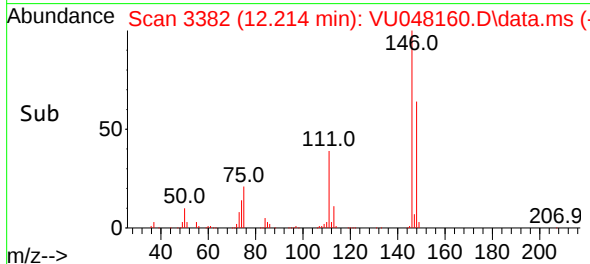
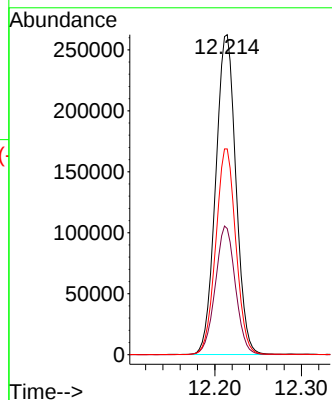
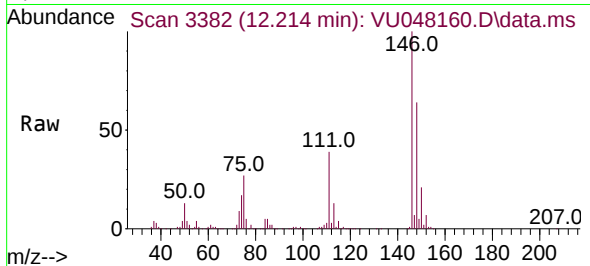




#67
 1,2-Dichlorobenzene
 Concen: 65.870 ug/L
 RT: 12.214 min Scan# 3382
 Delta R.T. 0.000 min
 Lab File: VU048160.D
 Acq: 20 Apr 2022 21:56

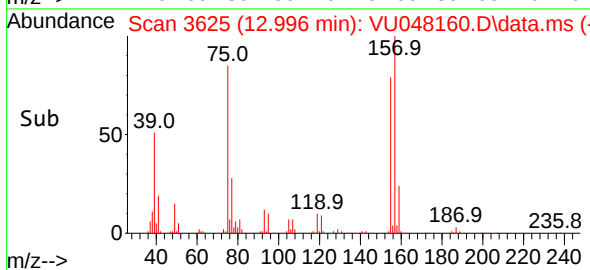
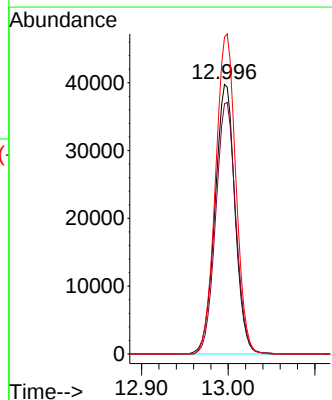
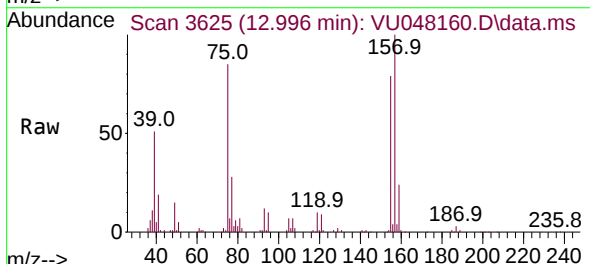
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050091

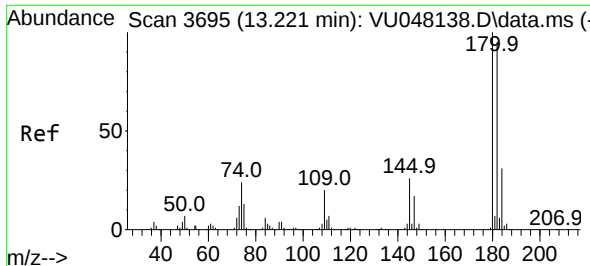
Tgt Ion:146 Resp: 424994
 Ion Ratio Lower Upper
 146 100
 111 39.4 31.7 47.5
 148 64.3 51.4 77.2



#68
 1,2-Dibromo-3-chloropropane
 Concen: 49.231 ug/L
 RT: 12.996 min Scan# 3625
 Delta R.T. 0.000 min
 Lab File: VU048160.D
 Acq: 20 Apr 2022 21:56

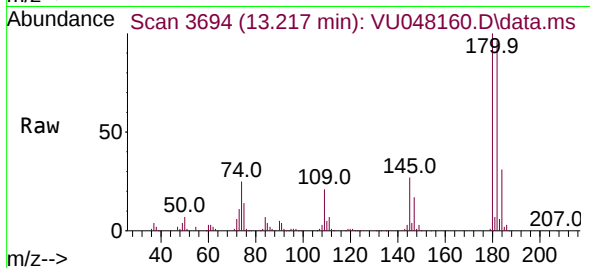
Tgt Ion: 75 Resp: 63816
 Ion Ratio Lower Upper
 75 100
 155 92.8 78.9 118.3
 157 117.5 97.5 146.3





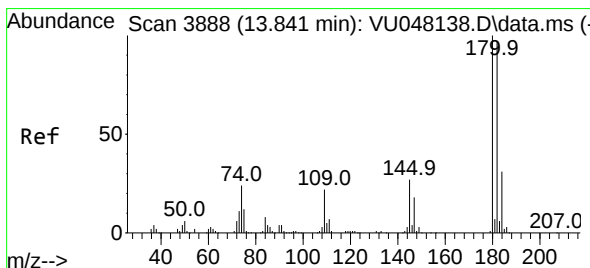
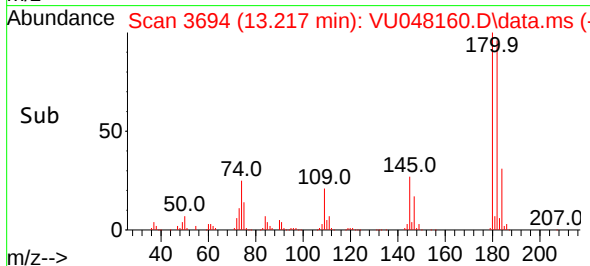
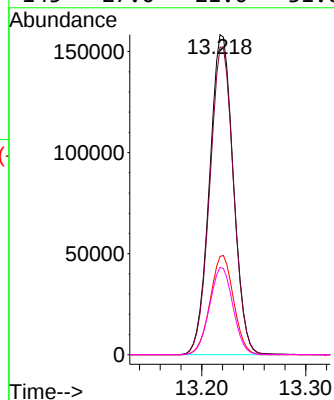
#69
 1,3,5-Trichlorobenzene
 Concen: 48.009 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. -0.003 min
 Lab File: VU048160.D
 Acq: 20 Apr 2022 21:56

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050091



Tgt Ion:180 Resp: 251418

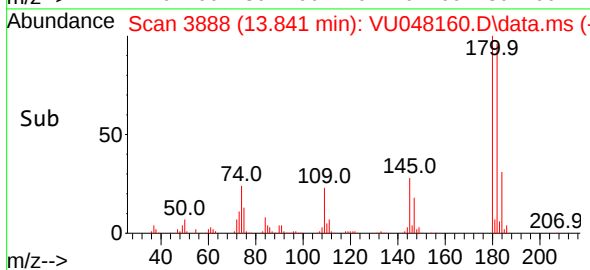
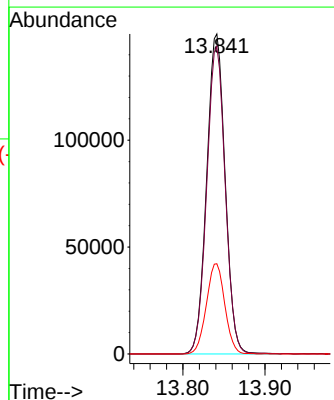
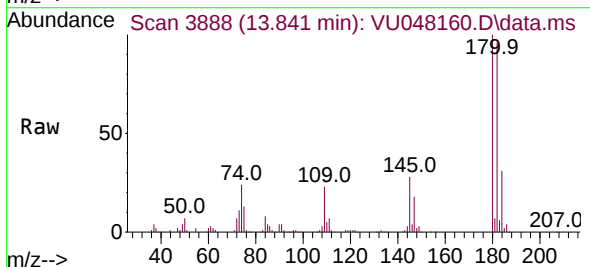
Ion	Ratio	Lower	Upper
180	100		
182	96.2	77.0	115.6
184	30.5	24.5	36.7
145	27.0	21.0	31.6

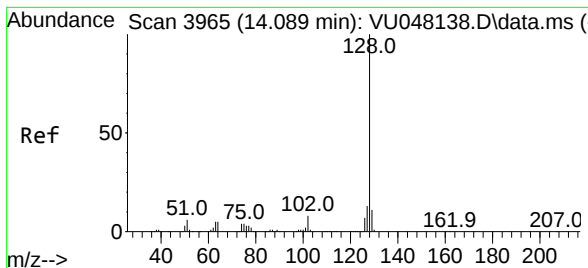


#70
 1,2,4-trichlorobenzene
 Concen: 51.208 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU048160.D
 Acq: 20 Apr 2022 21:56

Tgt Ion:180 Resp: 234893

Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.2	114.2
145	28.1	21.8	32.8





#71

Naphthalene

Concen: 49.020 ug/L

RT: 14.086 min Scan# 3965

Delta R.T. -0.003 min

Lab File: VU048160.D

Acq: 20 Apr 2022 21:56

Instrument :

MSVOA_U

ClientSampleId :

VSTD050091

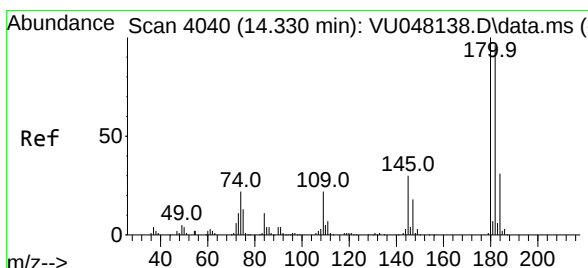
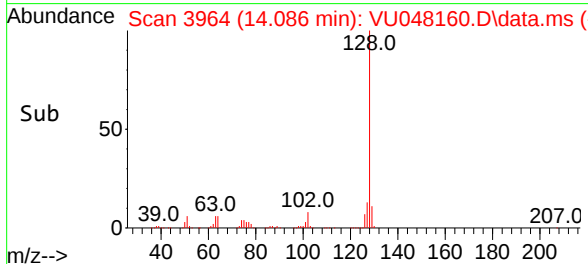
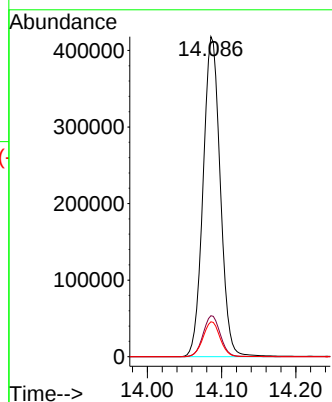
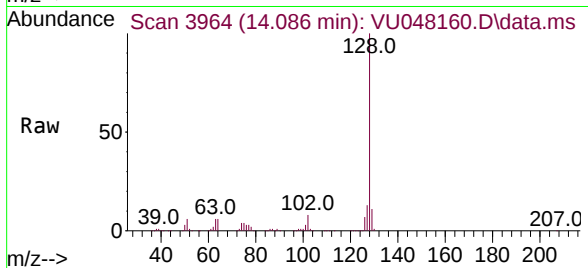
Tgt Ion:128 Resp: 670379

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

129 10.8 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 50.887 ug/L

RT: 14.330 min Scan# 4040

Delta R.T. 0.000 min

Lab File: VU048160.D

Acq: 20 Apr 2022 21:56

Tgt Ion:180 Resp: 233999

Ion Ratio Lower Upper

180 100

182 95.3 77.4 116.0

145 29.0 22.8 34.2

