

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061222\
 Data File : VU049102.D
 Acq On : 12 Jun 2022 19:30
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050149

Quant Time: Jun 13 05:06:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jun 13 05:01:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	255844	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	252647	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	143603	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	73881	46.875	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.760%
7) Chloroethane-d5	1.890	69	54773	47.330	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.660%
11) 1,1-Dichloroethene-d2	2.562	63	141806	47.681	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.360%
21) 2-Butanone-d5	4.620	46	153618	88.897	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.900%
24) Chloroform-d	5.060	84	168165	50.015	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.040%
26) 1,2-Dichloroethane-d4	5.700	65	111348	51.117	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.240%
32) Benzene-d6	5.726	84	309595	49.418	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.840%
36) 1,2-Dichloropropane-d6	6.690	67	99126	47.067	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.140%
41) Toluene-d8	7.896	98	275767	49.912	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.820%
43) trans-1,3-Dichloroprop...	8.179	79	41163	41.545	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.080%
47) 2-Hexanone-d5	8.632	63	99162	89.962	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.960%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	182776	51.961	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.920%
66) 1,2-Dichlorobenzene-d4	12.192	152	125880	50.380	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	115343	51.088	ug/L	97
3) Chloromethane	1.520	50	105257	44.229	ug/L	95
5) Vinyl chloride	1.604	62	101272	44.890	ug/L	98
6) Bromomethane	1.829	94	60925	48.822	ug/L	100
8) Chloroethane	1.912	64	58397	46.345	ug/L	95
9) Trichlorofluoromethane	2.128	101	156757	49.370	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	82787	45.932	ug/L	98
12) 1,1-Dichloroethene	2.575	96	76637	48.575	ug/L	88
13) Acetone	2.623	43	118703	87.295	ug/L	99
14) Carbon disulfide	2.787	76	180698	45.038	ug/L	99
15) Methyl Acetate	2.945	43	148870	55.199	ug/L	98
16) Methylene chloride	3.041	84	101779	49.538	ug/L	97
17) trans-1,2-Dichloroethene	3.350	96	84398	48.652	ug/L	99
18) Methyl tert-butyl Ether	3.359	73	312326	48.127	ug/L	100
19) 1,1-Dichloroethane	3.864	63	178566	47.781	ug/L	100
20) cis-1,2-Dichloroethene	4.665	96	101475	48.081	ug/L	95
22) 2-Butanone	4.697	43	179592	85.944	ug/L	98
23) Bromochloromethane	4.970	128	55282	49.908	ug/L	97
25) Chloroform	5.086	83	194908	50.044	ug/L	100

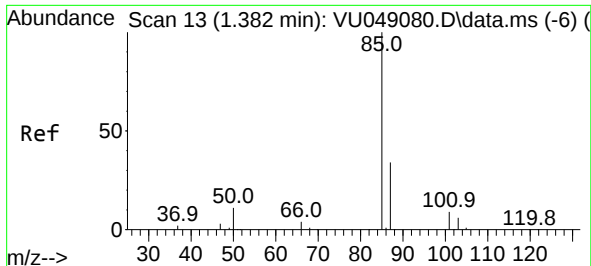
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061222\
 Data File : VU049102.D
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Quant Time: Jun 13 05:06:37 2022
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 Quant Title : VOC Analysis
 QLast Update : Mon Jun 13 05:01:30 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	157435	49.656	ug/L	99
29) Cyclohexane	5.388	56	121505	42.973	ug/L	96
30) 1,1,1-Trichloroethane	5.314	97	172867	49.063	ug/L	99
31) Carbon tetrachloride	5.523	117	152684	49.549	ug/L	99
33) Benzene	5.771	78	392472	47.949	ug/L	100
34) Trichloroethene	6.539	95	94905	45.999	ug/L	99
35) Methylcyclohexane	6.761	83	130030	45.150	ug/L	98
37) 1,2-Dichloropropane	6.790	63	110928	48.060	ug/L	99
38) Bromodichloromethane	7.105	83	146877	47.929	ug/L	96
39) cis-1,3-Dichloropropene	7.607	75	134060	39.472	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	362991	93.346	ug/L	98
42) Toluene	7.967	91	412176	48.720	ug/L	100
44) trans-1,3-Dichloropropene	8.208	75	138757	41.259	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	109873	49.125	ug/L	99
46) Tetrachloroethene	8.552	164	75281	47.064	ug/L	96
48) 2-Hexanone	8.684	43	279124	88.293	ug/L	99
49) Dibromochloromethane	8.809	129	124501	49.995	ug/L	99
50) 1,2-Dibromoethane	8.922	107	114918	48.840	ug/L	99
51) Chlorobenzene	9.446	112	272174	47.592	ug/L	99
52) Ethylbenzene	9.568	91	430383	46.788	ug/L	99
53) m,p-Xylene	9.693	106	179464	49.682	ug/L	99
54) o-Xylene	10.099	106	183798	50.502	ug/L	99
55) Styrene	10.115	104	309759	50.967	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.783	83	212760	51.045	ug/L	99
59) Bromoform	10.291	173	101509	47.898	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	173730	47.695	ug/L	99
61) Isopropylbenzene	10.484	105	456429	46.792	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	397631	47.747	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	316661	47.761	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	223959	46.805	ug/L	96
65) 1,4-Dichlorobenzene	11.835	146	221467	45.714	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	240082	48.348	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.996	75	52637	43.783	ug/L	95
69) 1,3,5-Trichlorobenzene	13.217	180	152230	44.534	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	114362	39.564	ug/L	99
71) Naphthalene	14.086	128	375647	36.733	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	130559	42.700	ug/L	99

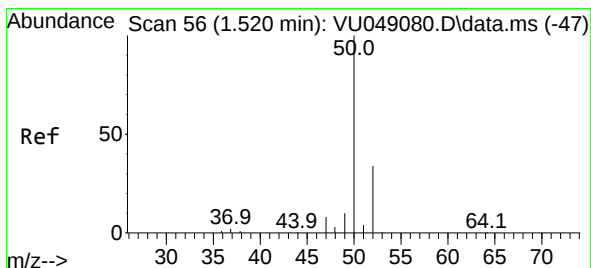
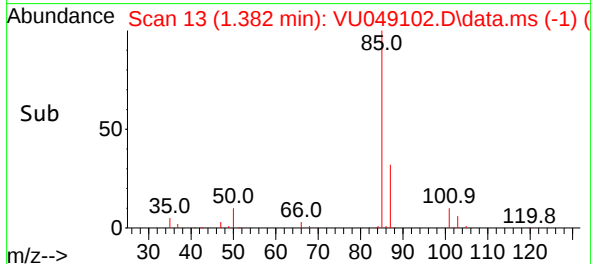
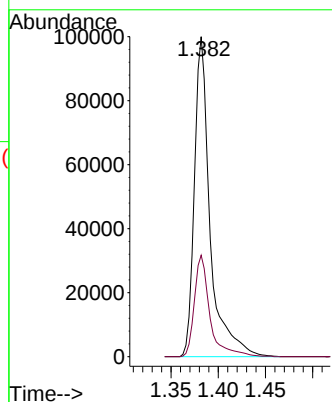
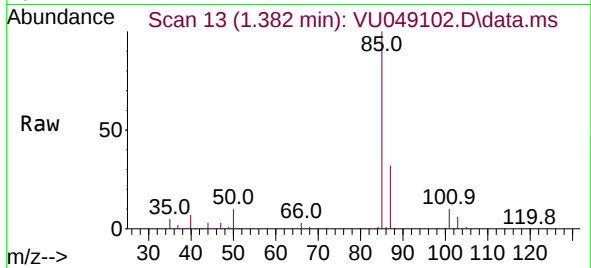
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 51.088 ug/L
RT: 1.382 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU049102.D
Acq: 12 Jun 2022 19:30

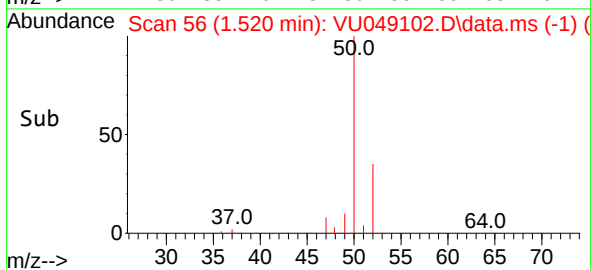
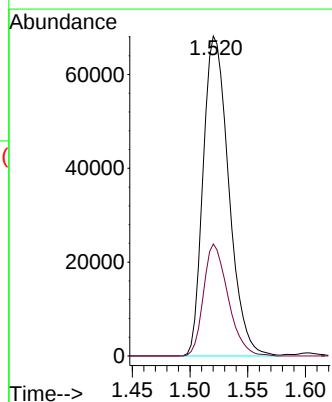
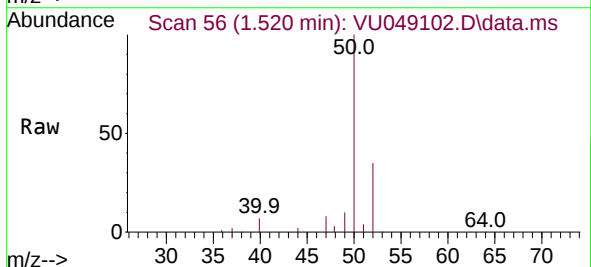
Instrument :
MSVOA_U
ClientSampleId :
VSTD050149

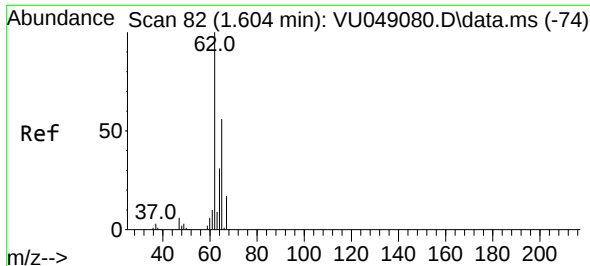
Tgt Ion: 85 Resp: 115343
Ion Ratio Lower Upper
85 100
87 31.4 26.3 39.5



#3
Chloromethane
Concen: 44.229 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU049102.D
Acq: 12 Jun 2022 19:30

Tgt Ion: 50 Resp: 105257
Ion Ratio Lower Upper
50 100
52 35.0 22.7 42.1

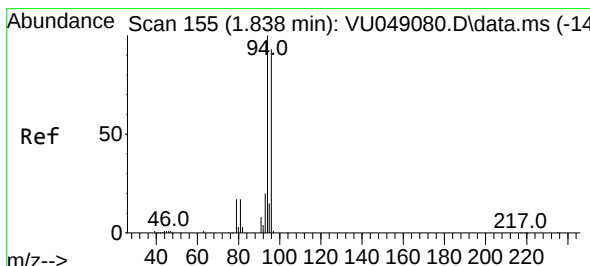
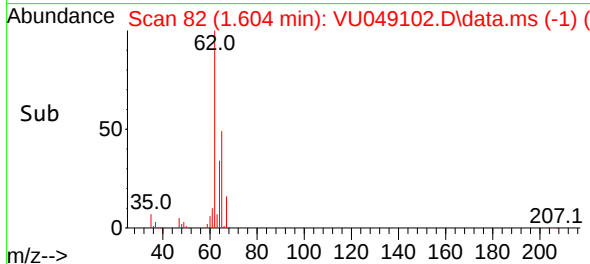
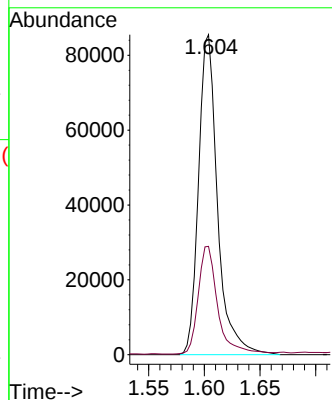
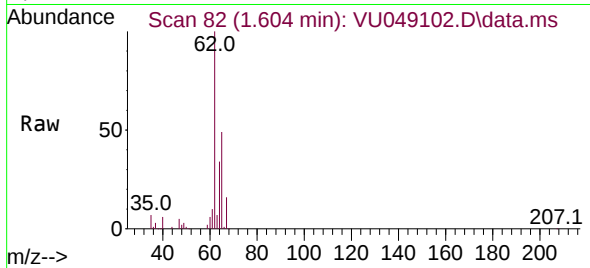




#5
 Vinyl chloride
 Concen: 44.890 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU049102.D
 Acq: 12 Jun 2022 19:30

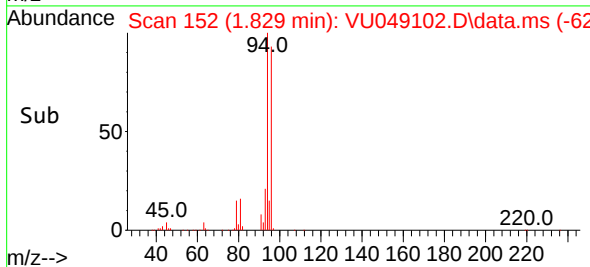
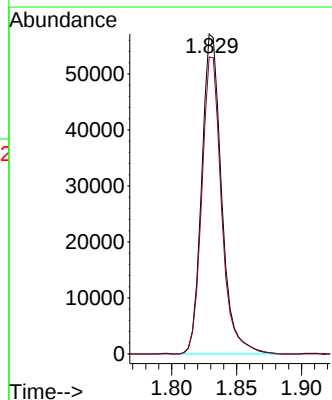
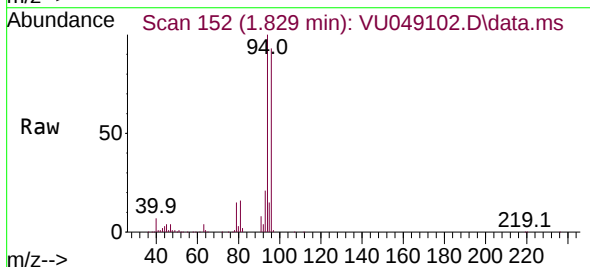
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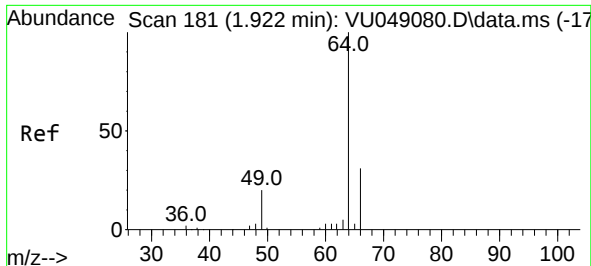
Tgt Ion: 62 Resp: 101272
 Ion Ratio Lower Upper
 62 100
 64 33.8 22.7 42.3



#6
 Bromomethane
 Concen: 48.822 ug/L
 RT: 1.829 min Scan# 152
 Delta R.T. -0.010 min
 Lab File: VU049102.D
 Acq: 12 Jun 2022 19:30

Tgt Ion: 94 Resp: 60925
 Ion Ratio Lower Upper
 94 100
 96 92.8 65.1 120.9

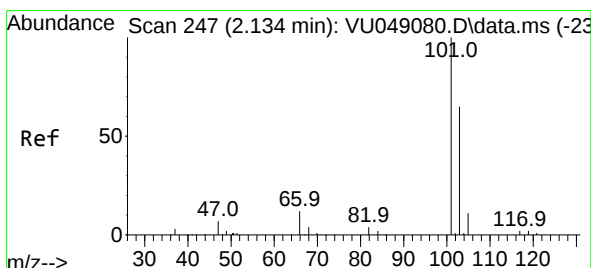
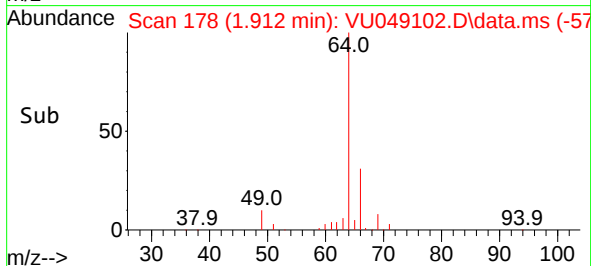
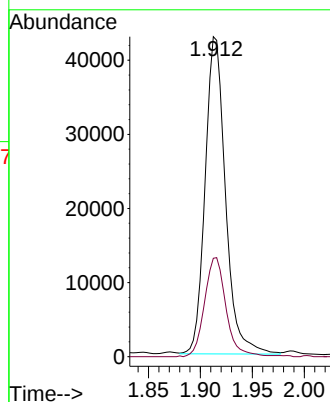
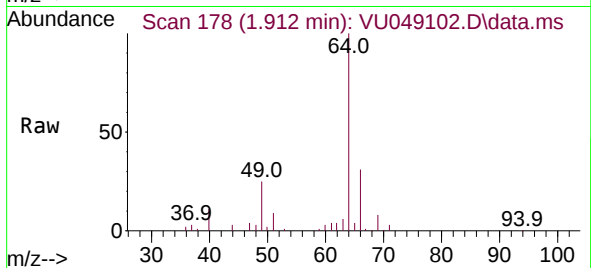




#8
Chloroethane
Concen: 46.345 ug/L
RT: 1.912 min Scan# 11
Delta R.T. -0.010 min
Lab File: VU049102.D
Acq: 12 Jun 2022 19:30

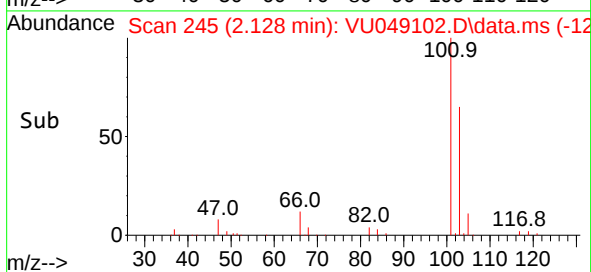
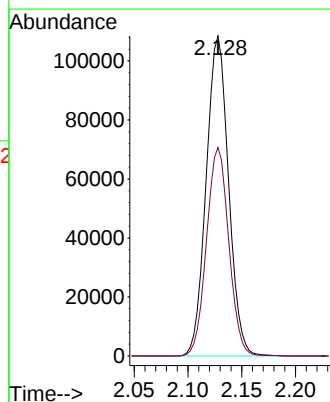
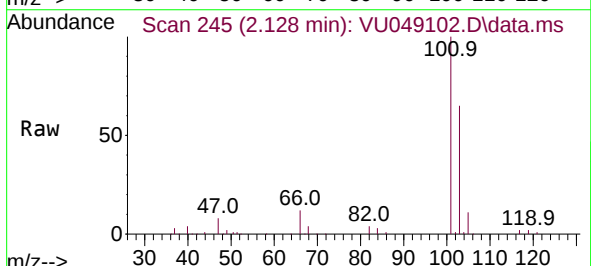
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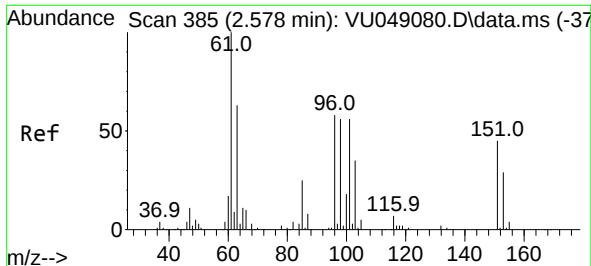
Tgt Ion: 64 Resp: 58397
Ion Ratio Lower Upper
64 100
66 30.7 23.7 43.9



#9
Trichlorofluoromethane
Concen: 49.370 ug/L
RT: 2.128 min Scan# 245
Delta R.T. -0.006 min
Lab File: VU049102.D
Acq: 12 Jun 2022 19:30

Tgt Ion:101 Resp: 156757
Ion Ratio Lower Upper
101 100
103 64.8 51.3 76.9





#10

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

Concen: 45.932 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.003 min

Lab File: VU049102.D

Acq: 12 Jun 2022 19:30

Instrument :

MSVOA_U

ClientSampleId :

VSTD050149

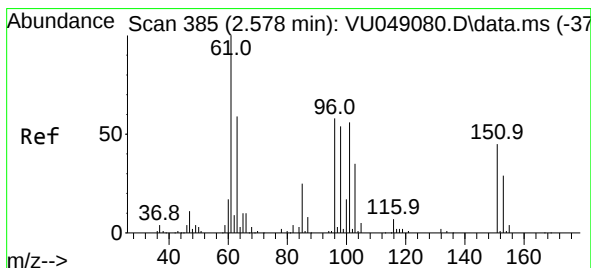
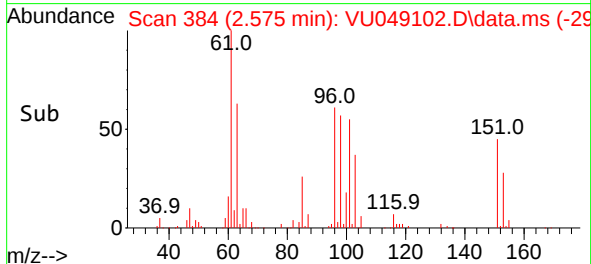
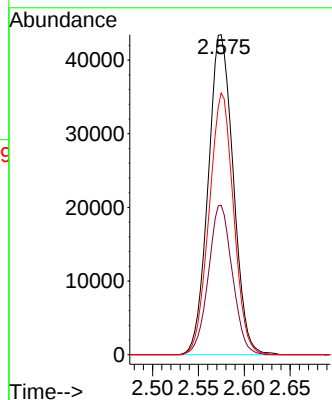
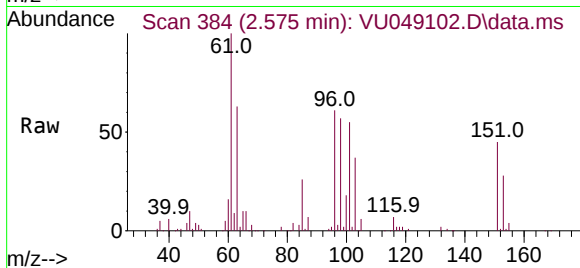
Tgt Ion:101 Resp: 82787

Ion Ratio Lower Upper

101 100

85 44.6 35.2 52.8

151 79.6 61.4 92.2



#12

1,1-Dichloroethene

Concen: 48.575 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.003 min

Lab File: VU049102.D

Acq: 12 Jun 2022 19:30

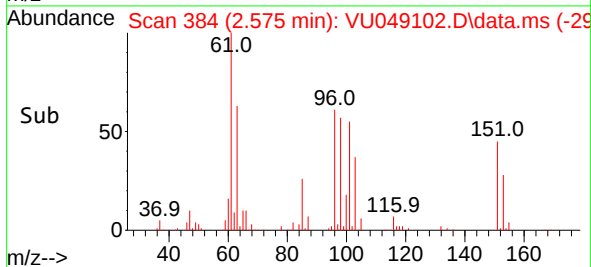
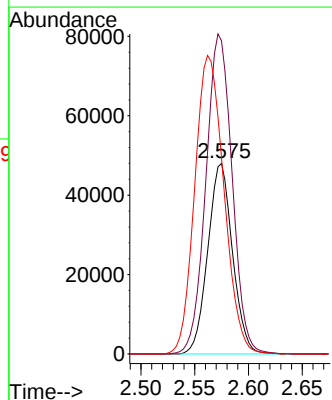
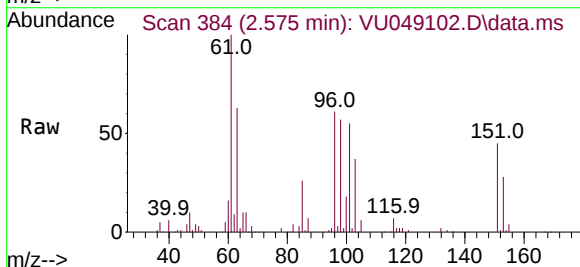
Tgt Ion: 96 Resp: 76637

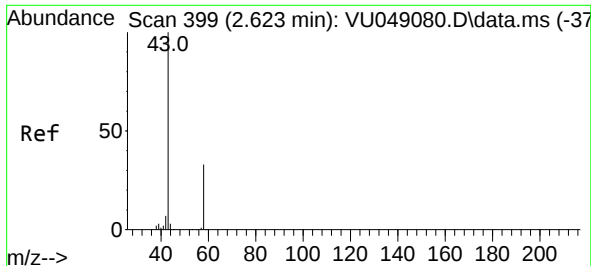
Ion Ratio Lower Upper

96 100

61 164.4 123.5 229.3

63 103.2 86.0 159.8





#13

Acetone

Concen: 87.295 ug/L

RT: 2.623 min Scan# 399

Delta R.T. 0.000 min

Lab File: VU049102.D

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MSVOA_U

ClientSampleId :

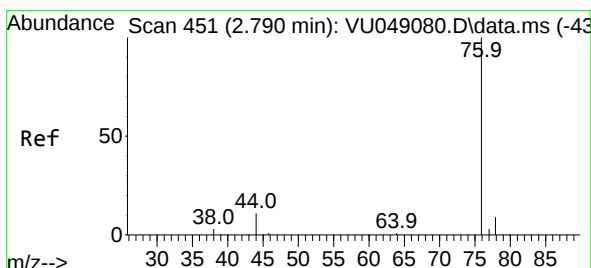
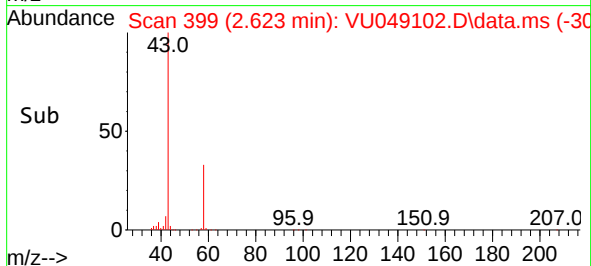
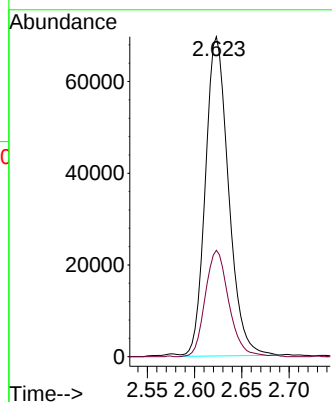
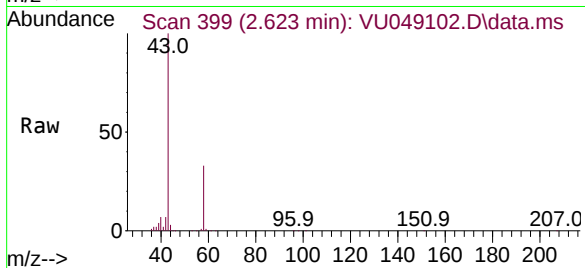
VSTD050149

Tgt Ion: 43 Resp: 118703

Ion Ratio Lower Upper

43 100

58 33.9 0.0 66.4



#14

Carbon disulfide

Concen: 45.038 ug/L

RT: 2.787 min Scan# 450

Delta R.T. -0.003 min

Lab File: VU049102.D

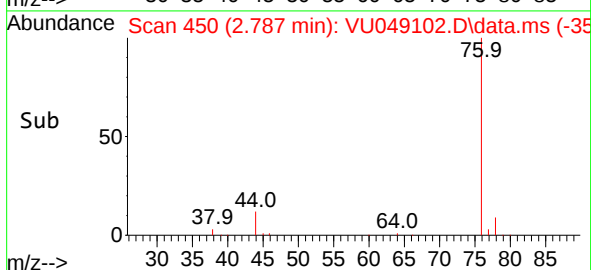
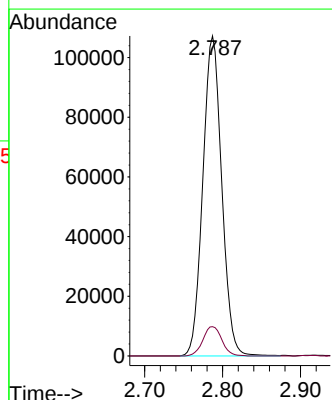
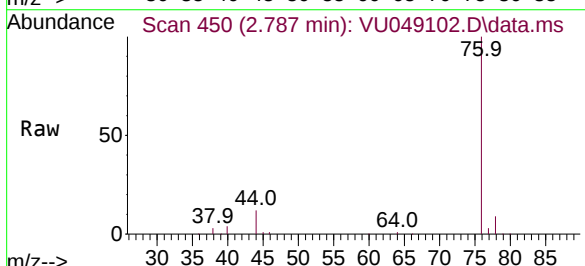
Acq: 12 Jun 2022 19:30

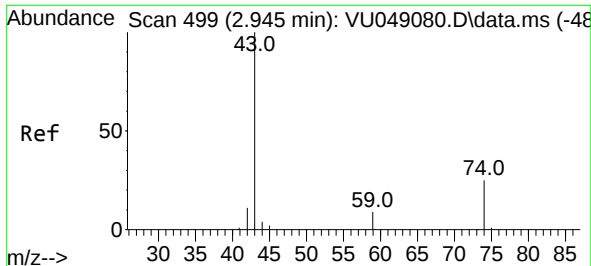
Tgt Ion: 76 Resp: 180698

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7

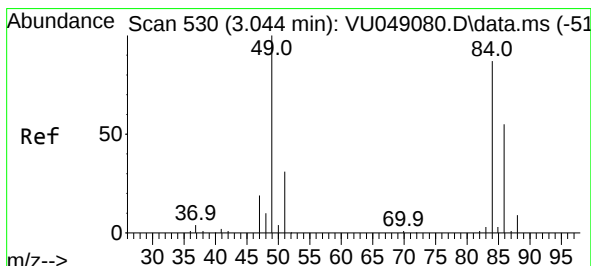
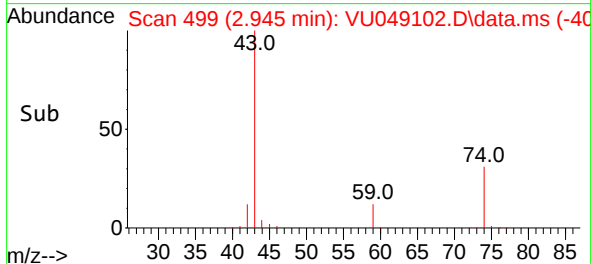
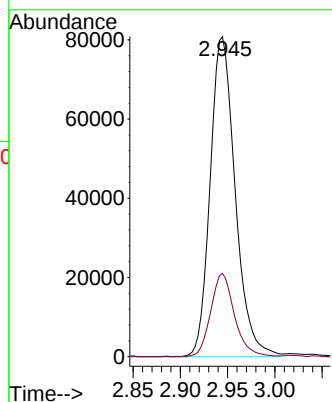
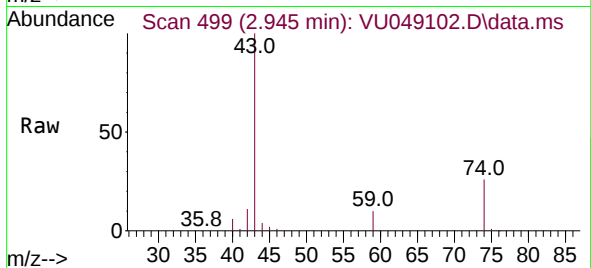




#15
Methyl Acetate
Concen: 55.199 ug/L
RT: 2.945 min Scan# 499
Delta R.T. 0.000 min
Lab File: VU049102.D
Acq: 12 Jun 2022 19:30

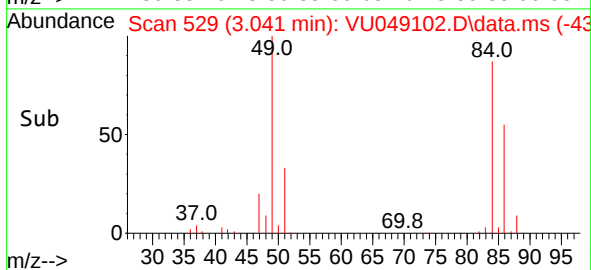
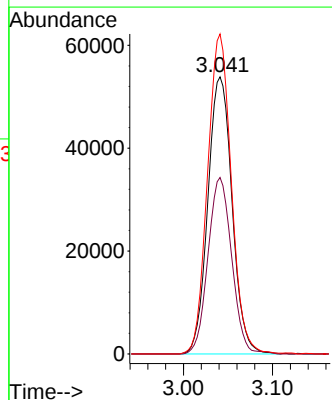
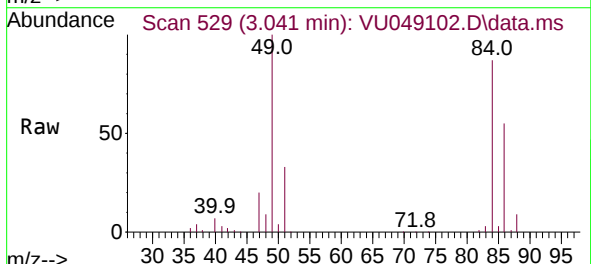
Instrument :
MSVOA_U
ClientSampleId :
VSTD050149

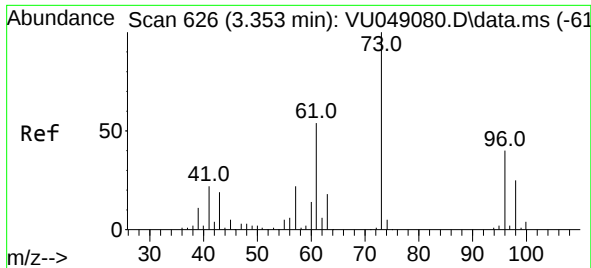
Tgt Ion: 43 Resp: 148870
Ion Ratio Lower Upper
43 100
74 24.6 19.0 28.6



#16
Methylene chloride
Concen: 49.538 ug/L
RT: 3.041 min Scan# 529
Delta R.T. -0.003 min
Lab File: VU049102.D
Acq: 12 Jun 2022 19:30

Tgt Ion: 84 Resp: 101779
Ion Ratio Lower Upper
84 100
86 63.7 45.8 85.0
49 115.5 83.4 155.0

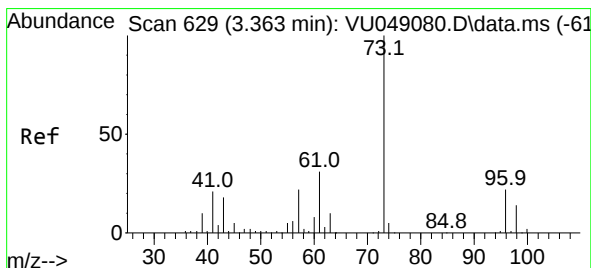
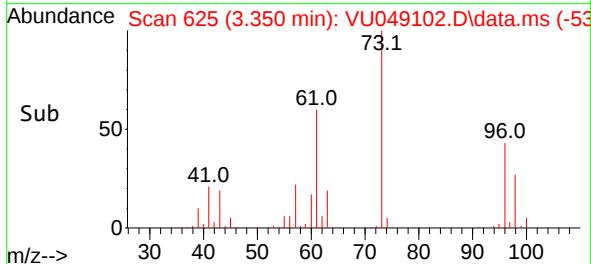
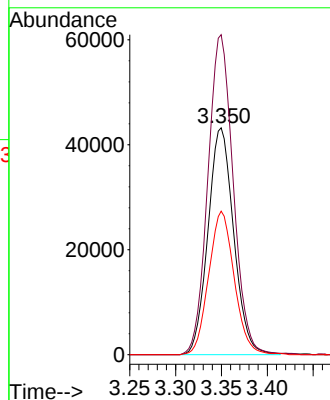
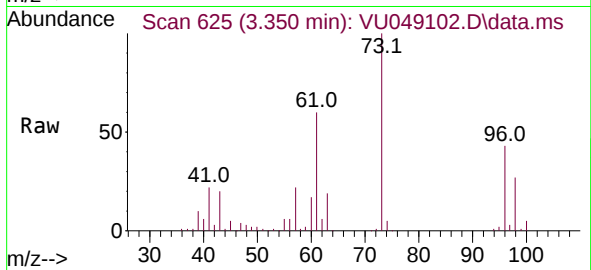




#17
trans-1,2-Dichloroethene
Concen: 48.652 ug/L
RT: 3.350 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU049102.D
Acq: 12 Jun 2022 19:30

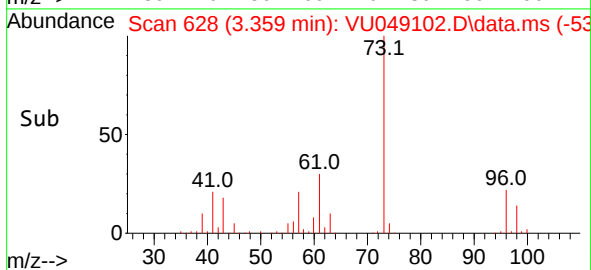
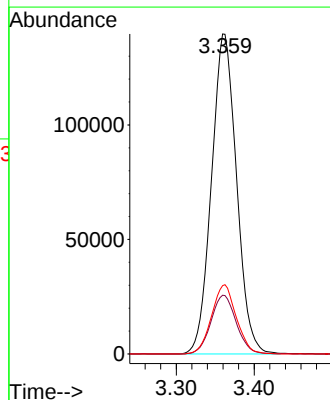
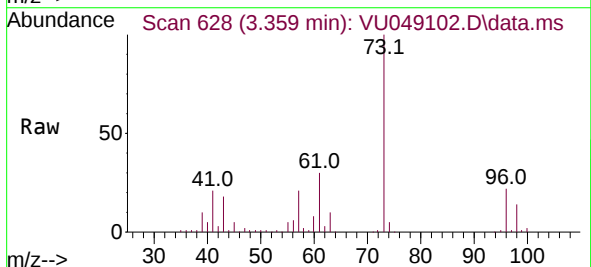
Instrument :
MSVOA_U
ClientSampleId :
VSTD050149

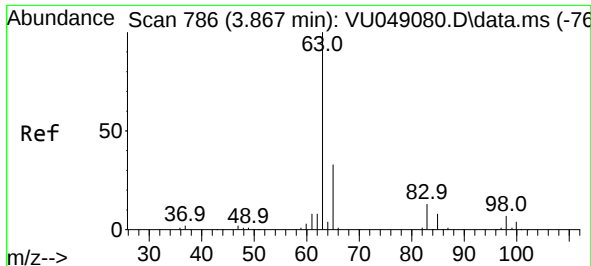
Tgt Ion: 96 Resp: 84398
Ion Ratio Lower Upper
96 100
61 141.0 99.3 184.3
98 63.2 44.7 83.1



#18
Methyl tert-butyl Ether
Concen: 48.127 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.003 min
Lab File: VU049102.D
Acq: 12 Jun 2022 19:30

Tgt Ion: 73 Resp: 312326
Ion Ratio Lower Upper
73 100
43 18.6 15.0 22.4
57 21.4 17.3 25.9





#19

1,1-Dichloroethane

Concen: 47.781 ug/L

RT: 3.864 min Scan# 786

Delta R.T. -0.003 min

Lab File: VU049102.D

Acq: 12 Jun 2022 19:30

Instrument :

MSVOA_U

ClientSampleId :

VSTD050149

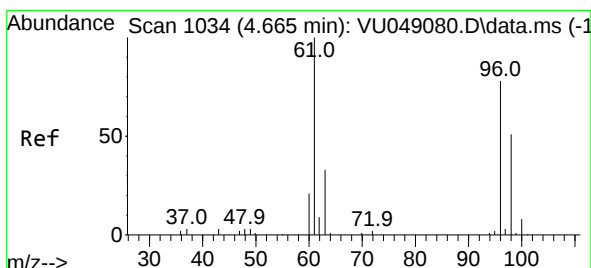
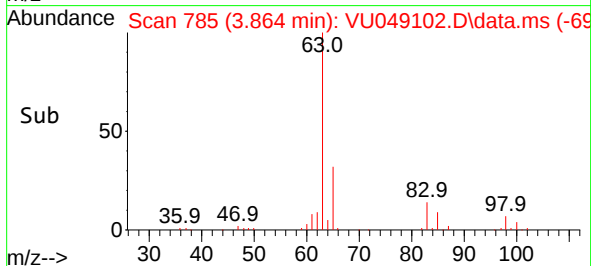
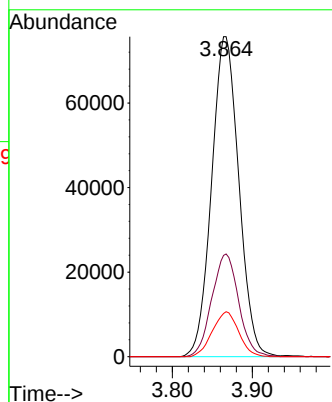
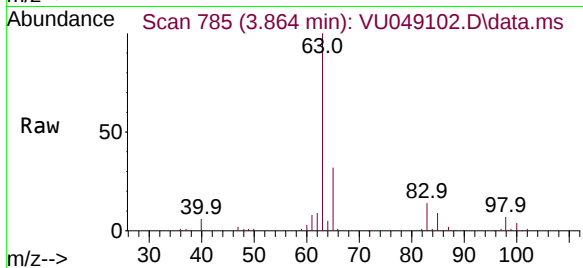
Tgt Ion: 63 Resp: 178566

Ion Ratio Lower Upper

63 100

65 31.6 22.3 41.5

83 13.5 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 48.081 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU049102.D

Acq: 12 Jun 2022 19:30

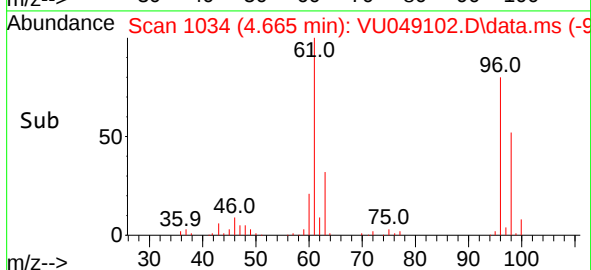
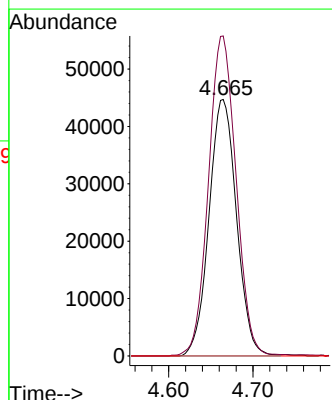
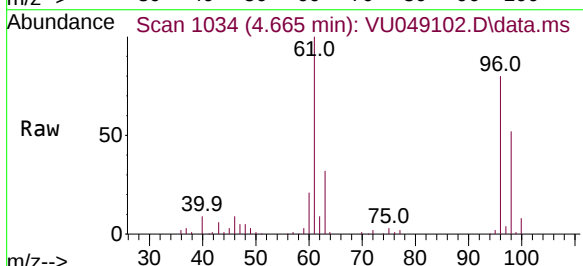
Tgt Ion: 96 Resp: 101475

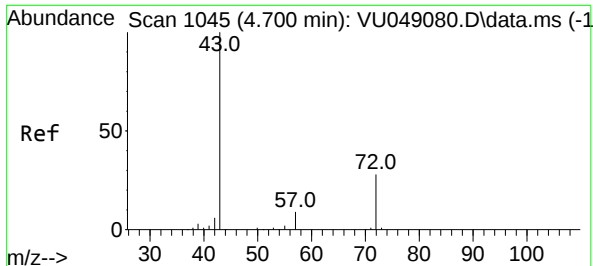
Ion Ratio Lower Upper

96 100

61 124.7 91.6 170.2

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 85.944 ug/L

RT: 4.697 min Scan# 1044

Delta R.T. -0.003 min

Lab File: VU049102.D

Acq: 12 Jun 2022 19:30

Instrument :

MSVOA_U

ClientSampleId :

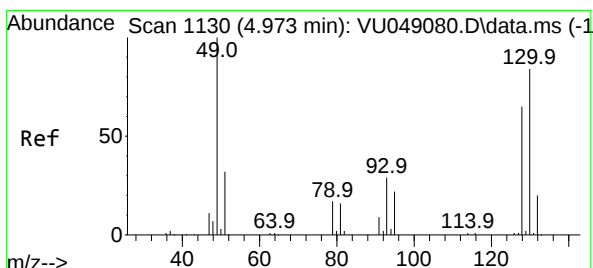
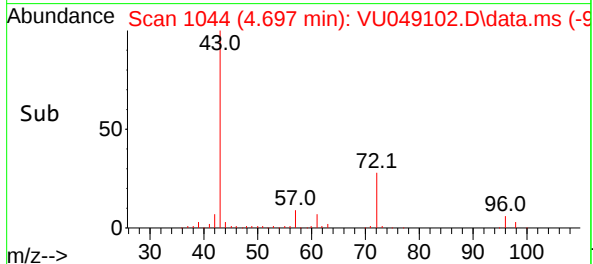
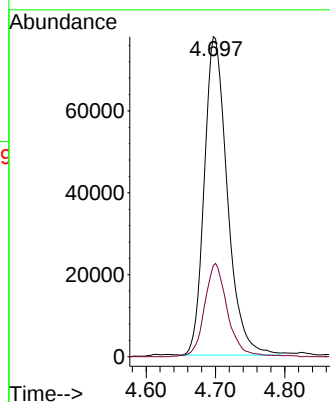
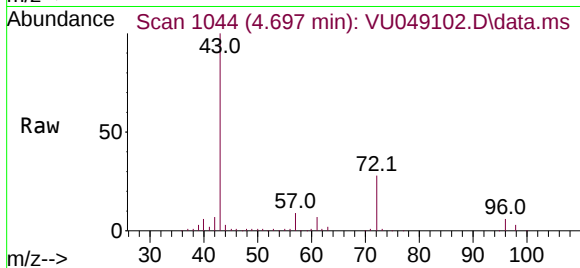
VSTD050149

Tgt Ion: 43 Resp: 179592

Ion Ratio Lower Upper

43 100

72 28.4 13.7 41.0



#23

Bromochloromethane

Concen: 49.908 ug/L

RT: 4.970 min Scan# 1129

Delta R.T. -0.003 min

Lab File: VU049102.D

Acq: 12 Jun 2022 19:30

Tgt Ion: 128 Resp: 55282

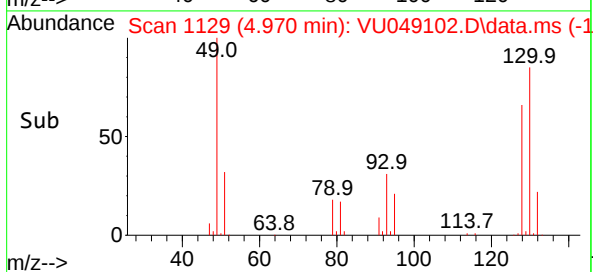
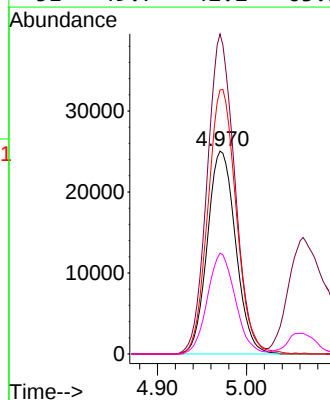
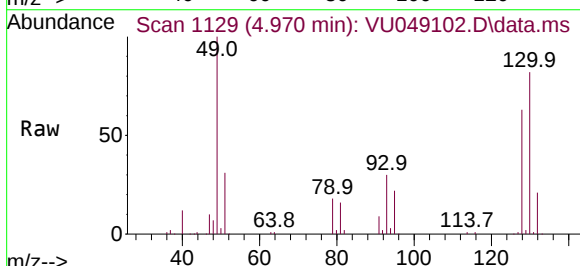
Ion Ratio Lower Upper

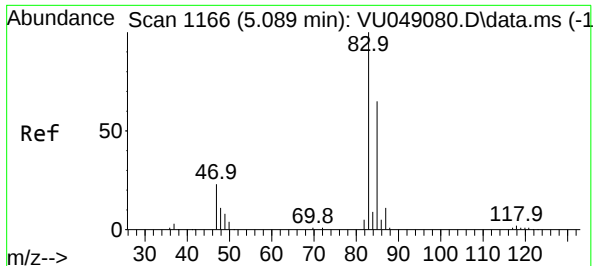
128 100

49 157.7 111.9 207.9

130 130.1 88.6 164.6

51 49.7 42.2 63.2





#25

Chloroform

Concen: 50.044 ug/L

RT: 5.086 min Scan# 1166

Delta R.T. -0.003 min

Lab File: VU049102.D

Acq: 12 Jun 2022 19:30

Instrument :

MSVOA_U

ClientSampleId :

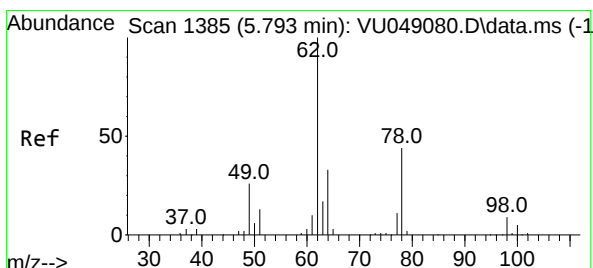
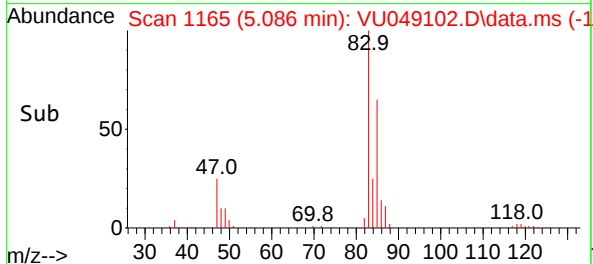
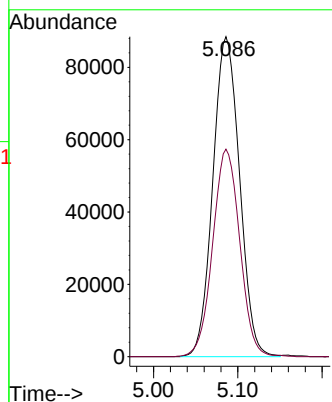
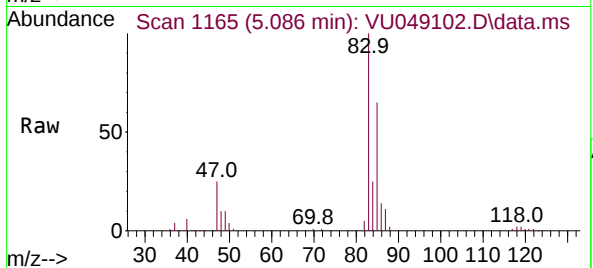
VSTD050149

Tgt Ion: 83 Resp: 194908

Ion Ratio Lower Upper

83 100

85 64.9 45.1 83.9



#27

1,2-Dichloroethane

Concen: 49.656 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. 0.000 min

Lab File: VU049102.D

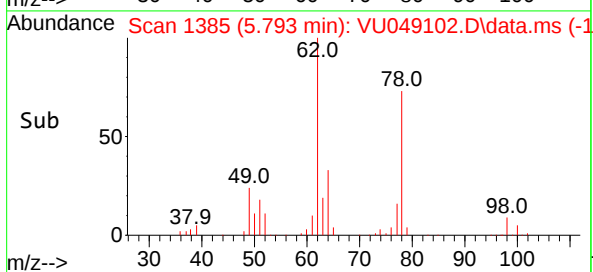
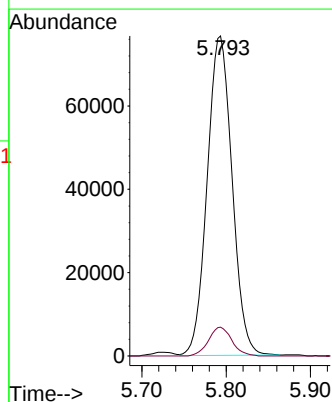
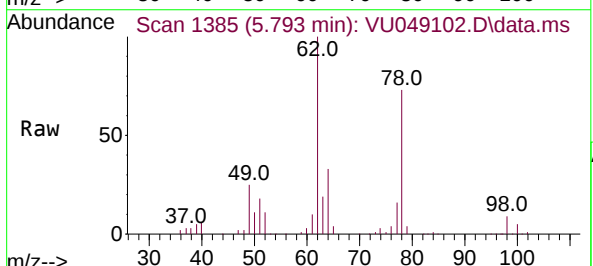
Acq: 12 Jun 2022 19:30

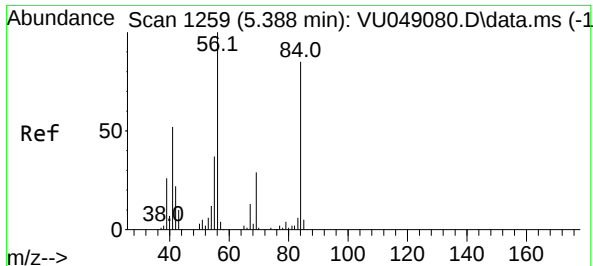
Tgt Ion: 62 Resp: 157435

Ion Ratio Lower Upper

62 100

98 9.0 7.0 10.4





#29

Cyclohexane

Concen: 42.973 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VU049102.D

Acq: 12 Jun 2022 19:30

Instrument :

MSVOA_U

ClientSampleId :

VSTD050149

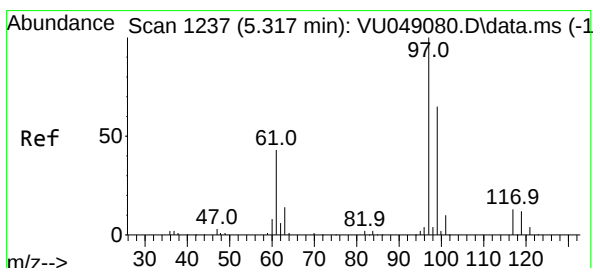
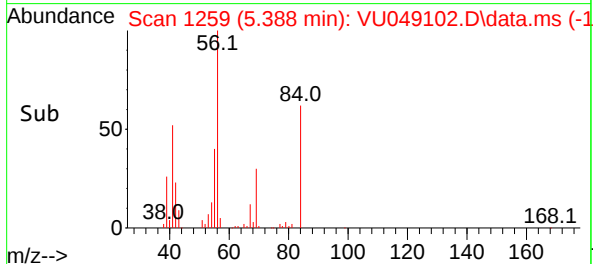
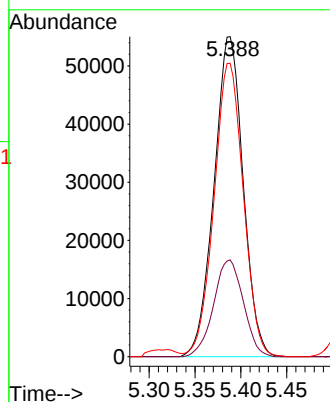
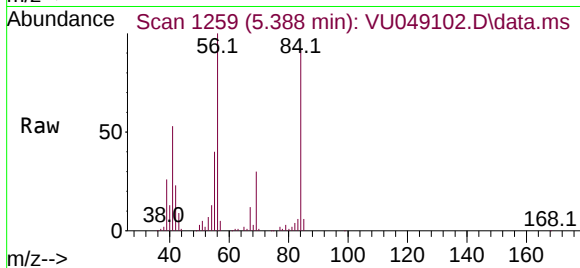
Tgt Ion: 56 Resp: 121505

Ion Ratio Lower Upper

56 100

69 30.9 24.6 36.8

84 92.3 69.7 104.5



#30

1,1,1-Trichloroethane

Concen: 49.063 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. -0.003 min

Lab File: VU049102.D

Acq: 12 Jun 2022 19:30

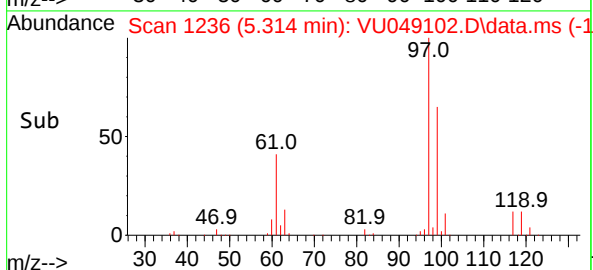
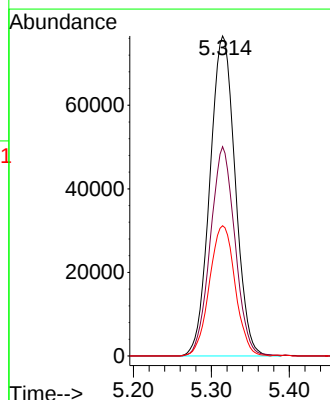
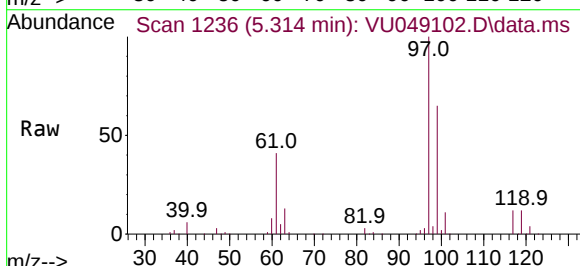
Tgt Ion: 97 Resp: 172867

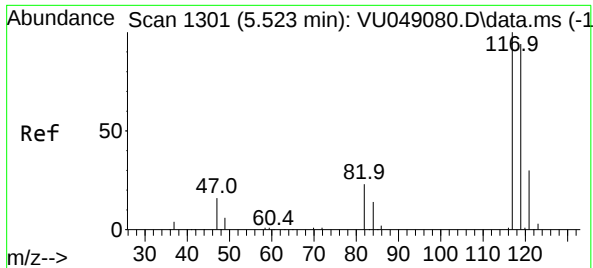
Ion Ratio Lower Upper

97 100

99 63.9 50.9 76.3

61 41.4 34.2 51.2

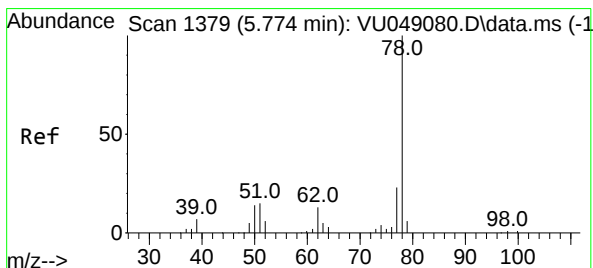
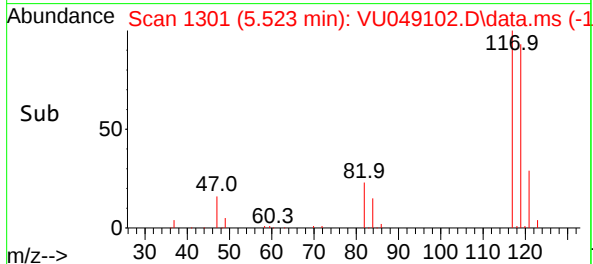
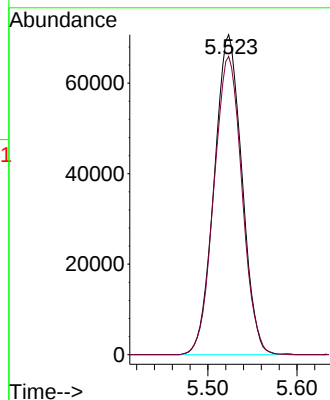
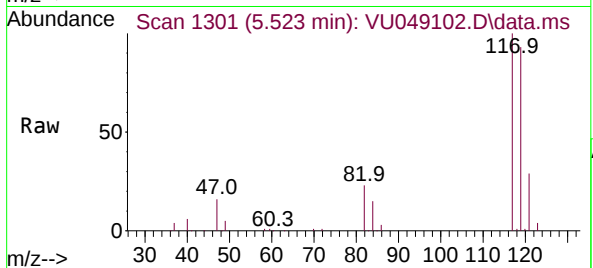




#31
Carbon tetrachloride
Concen: 49.549 ug/L
RT: 5.523 min Scan# 1301
Delta R.T. 0.000 min
Lab File: VU049102.D
Acq: 12 Jun 2022 19:30

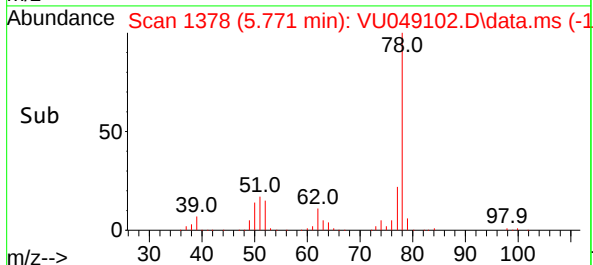
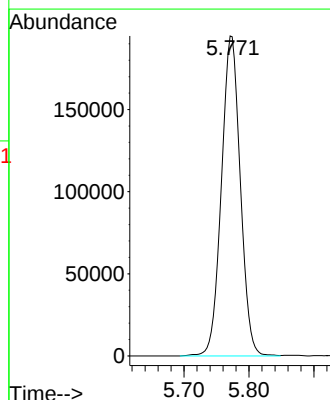
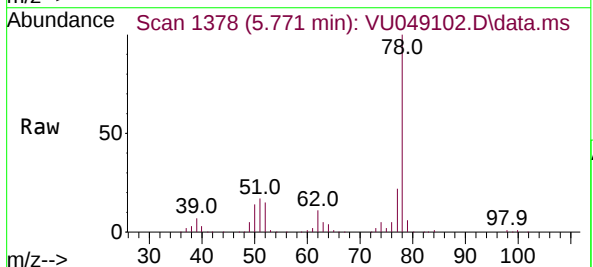
Instrument :
MSVOA_U
ClientSampleId :
VSTD050149

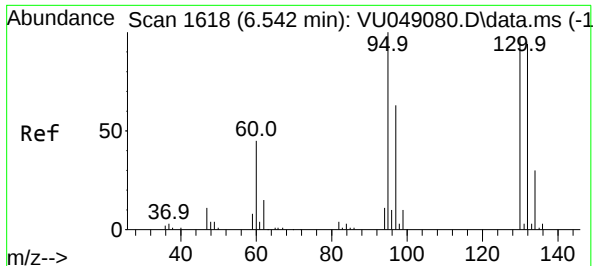
Tgt Ion:117 Resp: 152684
Ion Ratio Lower Upper
117 100
119 94.5 76.5 114.7



#33
Benzene
Concen: 47.949 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.003 min
Lab File: VU049102.D
Acq: 12 Jun 2022 19:30

Tgt Ion: 78 Resp: 392472



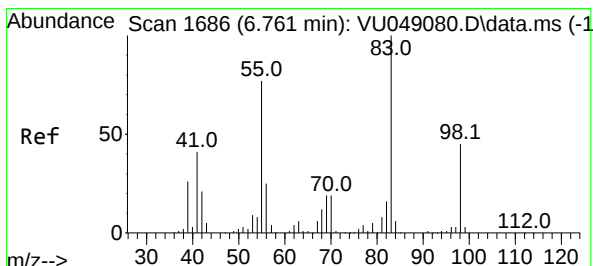
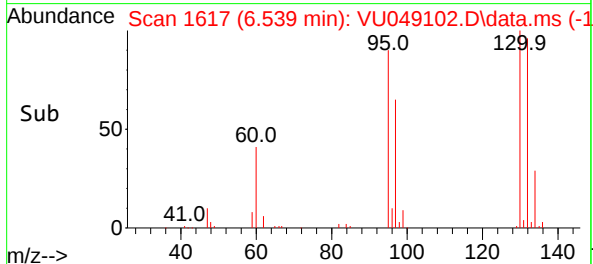
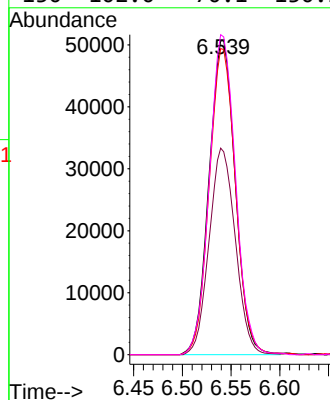
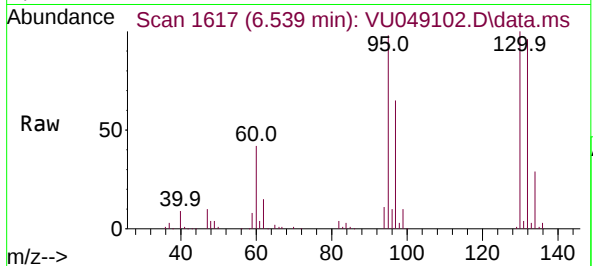


#34
Trichloroethene
Concen: 45.999 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.003 min
Lab File: VU049102.D
Acq: 12 Jun 2022 19:30

Instrument :
MSVOA_U
ClientSampleId :
VSTD050149

Tgt Ion: 95 Resp: 94905

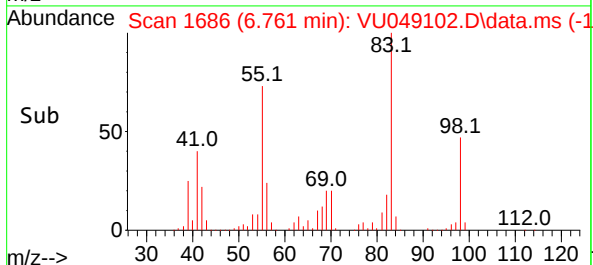
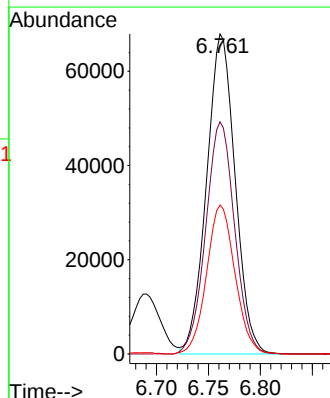
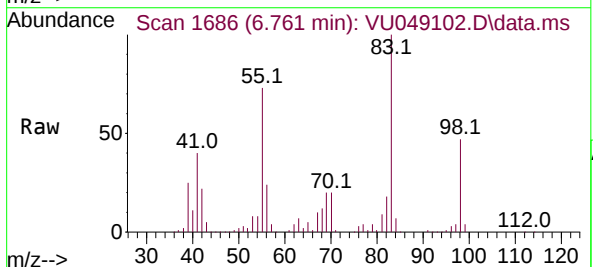
Ion	Ratio	Lower	Upper
95	100		
97	65.9	45.4	84.4
132	97.6	67.6	125.6
130	102.0	70.1	130.3

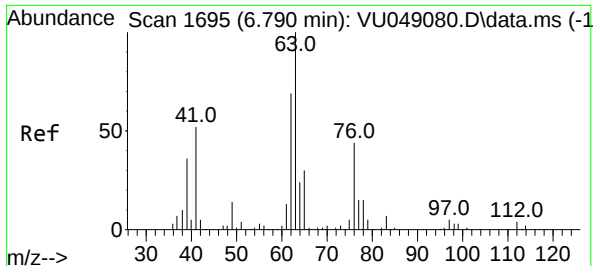


#35
Methylcyclohexane
Concen: 45.150 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VU049102.D
Acq: 12 Jun 2022 19:30

Tgt Ion: 83 Resp: 130030

Ion	Ratio	Lower	Upper
83	100		
55	73.3	61.0	91.6
98	46.3	36.8	55.2





#37

1,2-Dichloropropane

Concen: 48.060 ug/L

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049102.D

Acq: 12 Jun 2022 19:30

Instrument :

MSVOA_U

ClientSampleId :

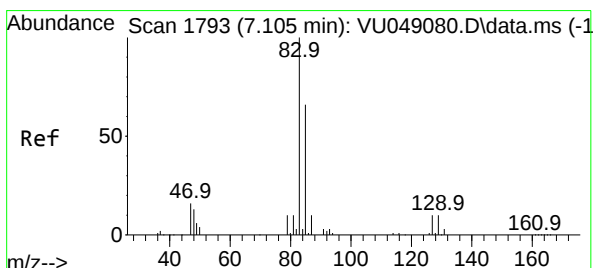
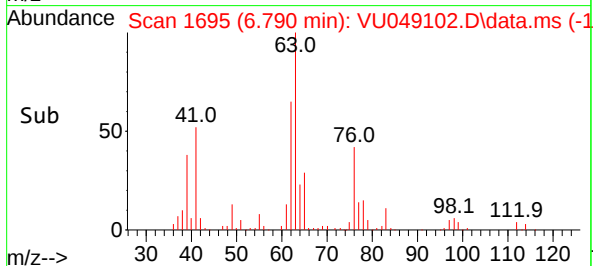
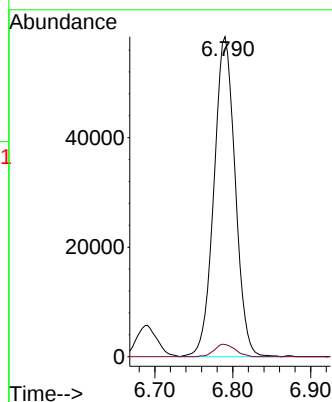
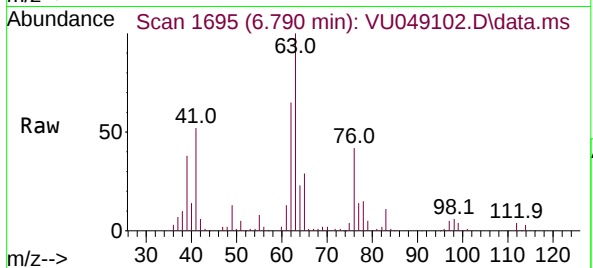
VSTD050149

Tgt Ion: 63 Resp: 110928

Ion Ratio Lower Upper

63 100

112 3.8 3.2 4.8



#38

Bromodichloromethane

Concen: 47.929 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU049102.D

Acq: 12 Jun 2022 19:30

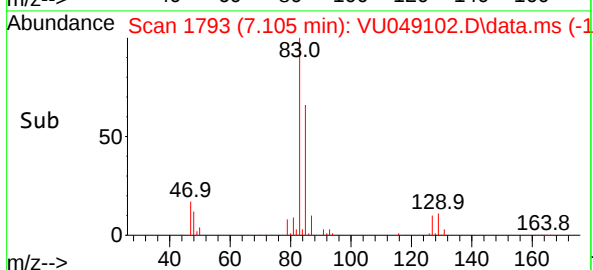
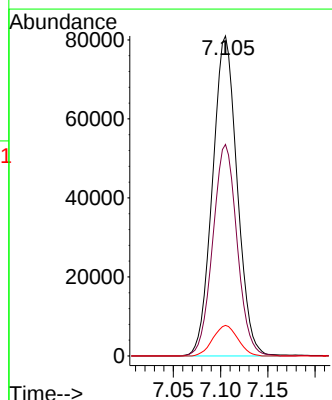
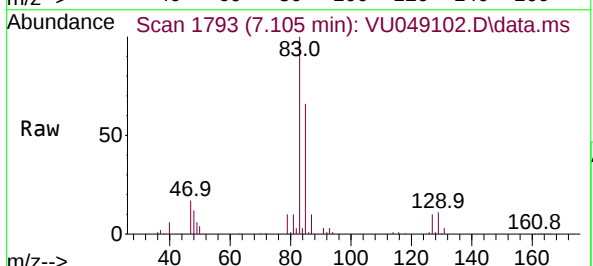
Tgt Ion: 83 Resp: 146877

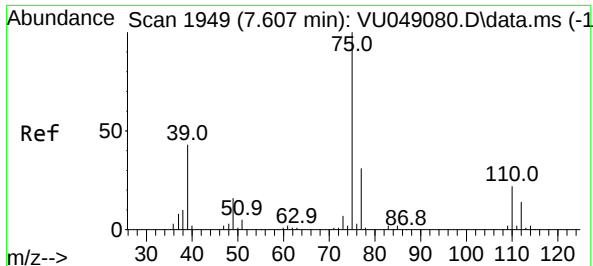
Ion Ratio Lower Upper

83 100

85 66.1 44.0 81.6

127 9.6 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 39.472 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU049102.D

Acq: 12 Jun 2022 19:30

Instrument :

MSVOA_U

ClientSampleId :

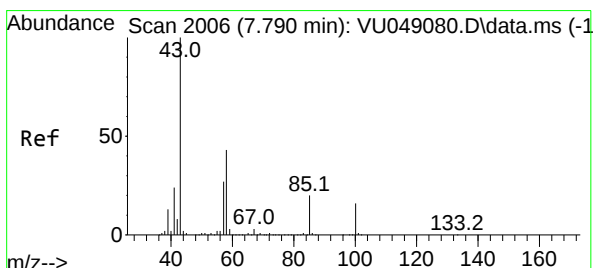
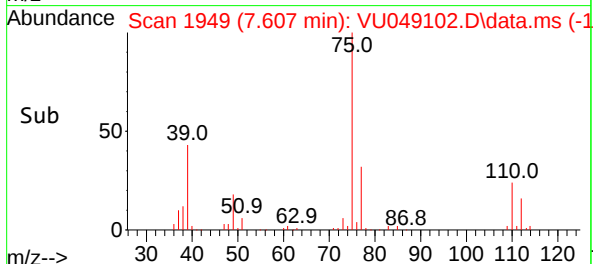
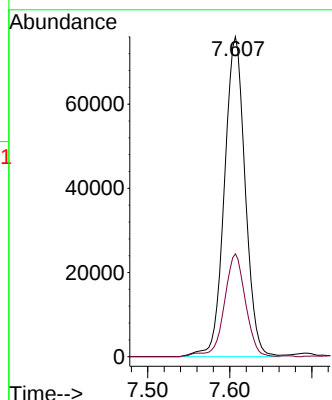
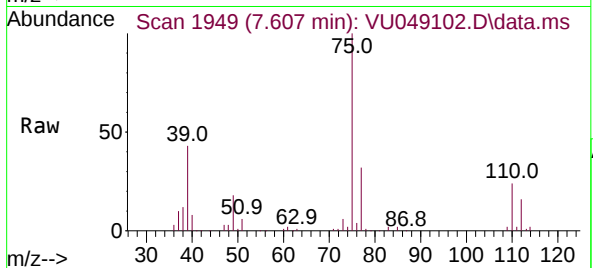
VSTD050149

Tgt Ion: 75 Resp: 134060

Ion Ratio Lower Upper

75 100

77 32.2 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 93.346 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VU049102.D

Acq: 12 Jun 2022 19:30

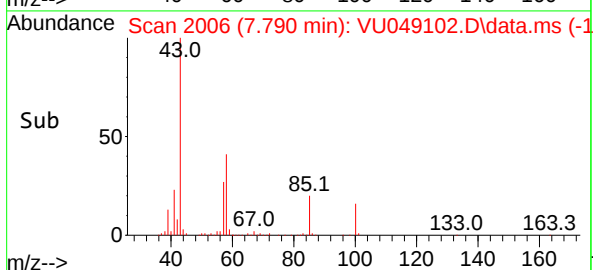
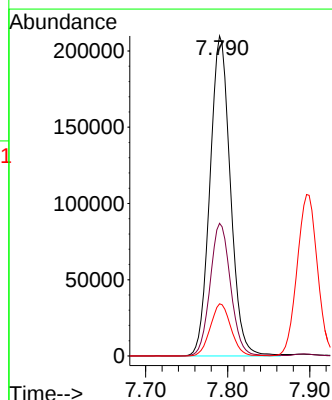
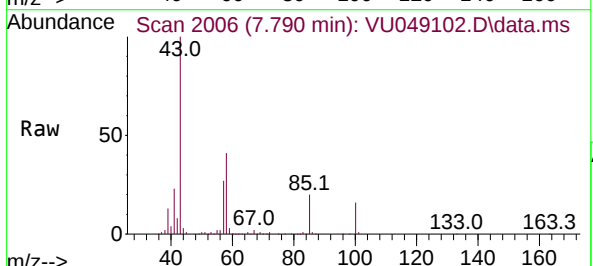
Tgt Ion: 43 Resp: 362991

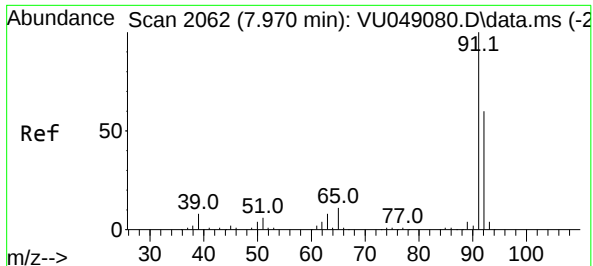
Ion Ratio Lower Upper

43 100

58 41.5 32.2 48.4

100 16.4 12.3 18.5

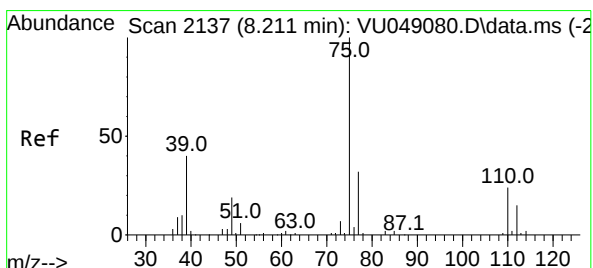
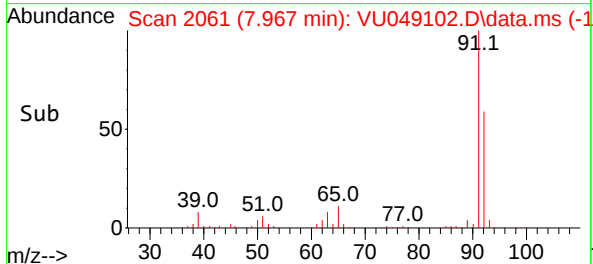
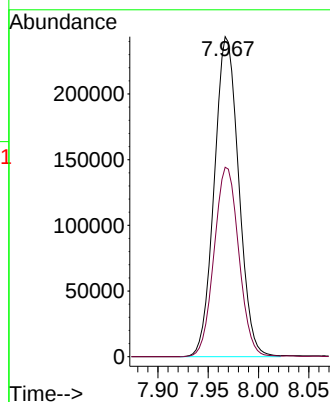
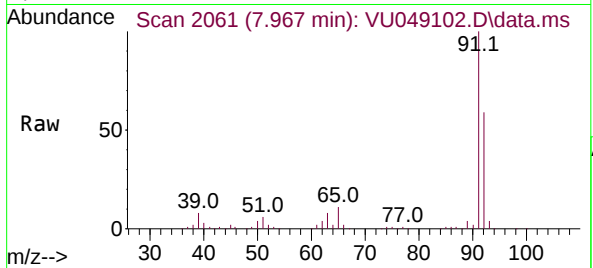




#42
Toluene
Concen: 48.720 ug/L
RT: 7.967 min Scan# 2062
Delta R.T. -0.003 min
Lab File: VU049102.D
Acq: 12 Jun 2022 19:30

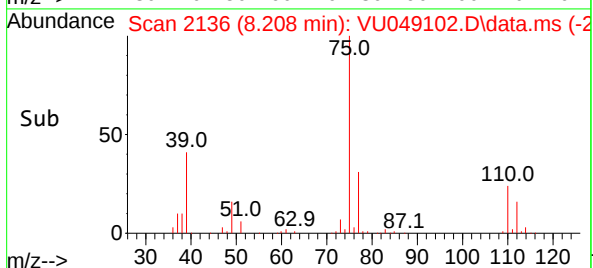
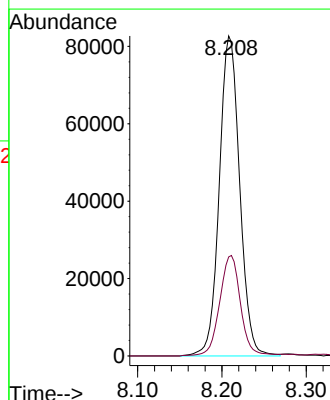
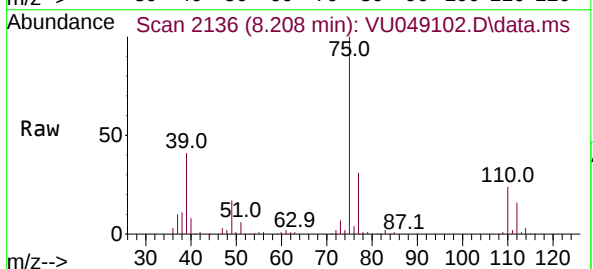
Instrument :
MSVOA_U
ClientSampleId :
VSTD050149

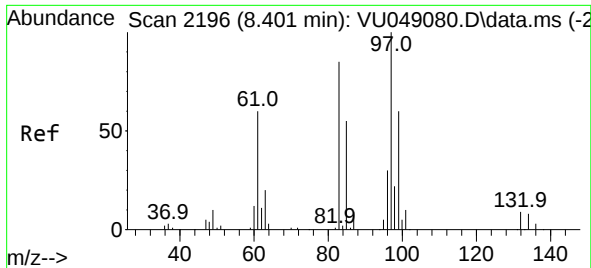
Tgt Ion: 91 Resp: 412176
Ion Ratio Lower Upper
91 100
92 59.2 41.6 77.3



#44
trans-1,3-Dichloropropene
Concen: 41.259 ug/L
RT: 8.208 min Scan# 2136
Delta R.T. -0.003 min
Lab File: VU049102.D
Acq: 12 Jun 2022 19:30

Tgt Ion: 75 Resp: 138757
Ion Ratio Lower Upper
75 100
77 30.9 21.9 40.7

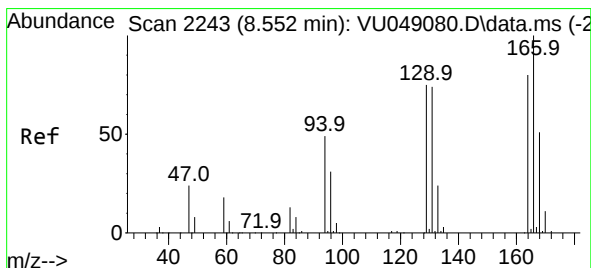
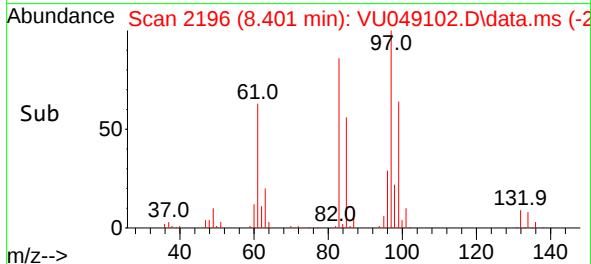
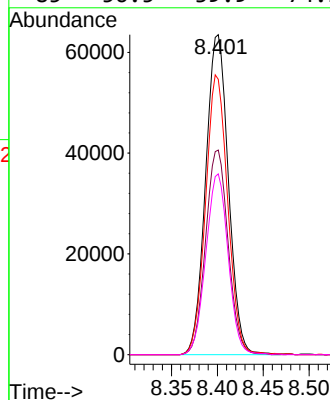
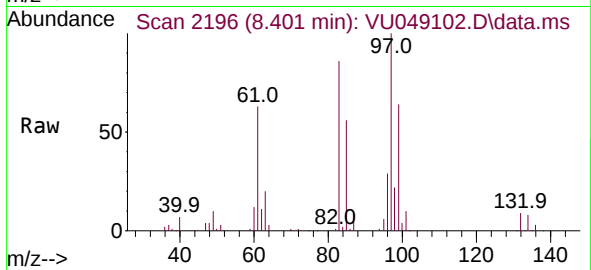




#45
1,1,2-Trichloroethane
Concen: 49.125 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU049102.D
Acq: 12 Jun 2022 19:30

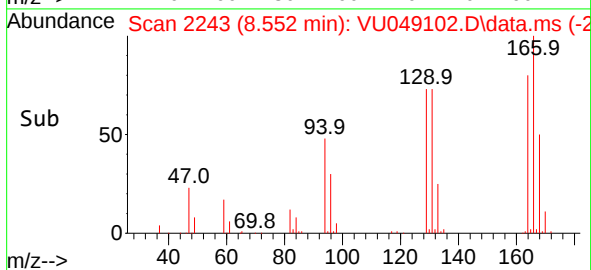
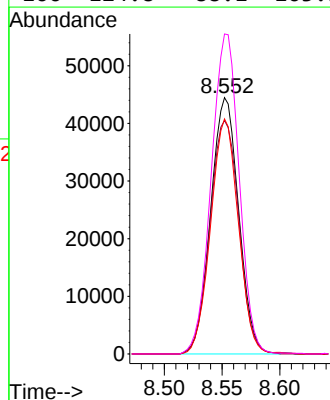
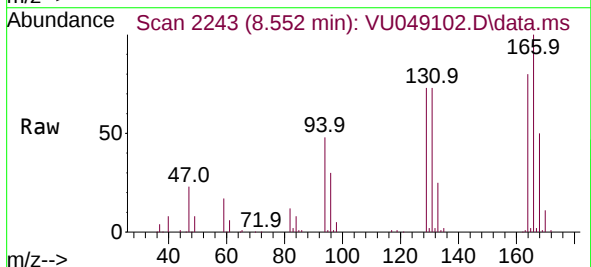
Instrument :
MSVOA_U
ClientSampleId :
VSTD050149

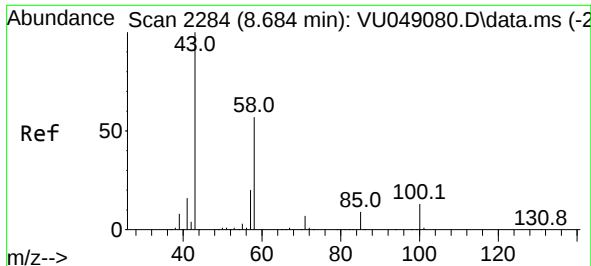
Tgt Ion:	97	Resp:	109873
Ion	Ratio	Lower	Upper
97	100		
99	64.0	43.5	80.9
83	86.1	60.3	112.1
85	56.5	39.9	74.1



#46
Tetrachloroethene
Concen: 47.064 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU049102.D
Acq: 12 Jun 2022 19:30

Tgt Ion:	164	Resp:	75281
Ion	Ratio	Lower	Upper
164	100		
129	91.1	70.9	131.7
131	91.7	66.2	123.0
166	124.8	88.1	163.5



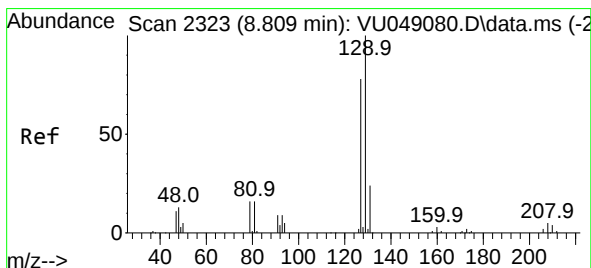
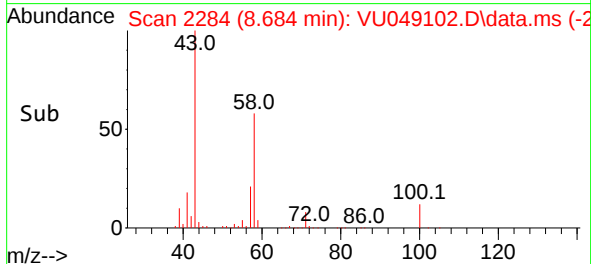
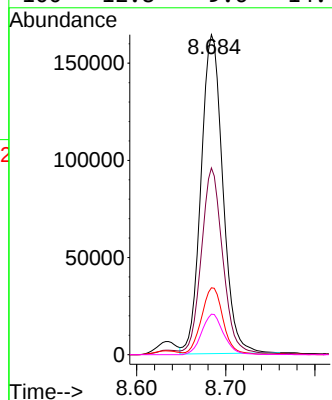
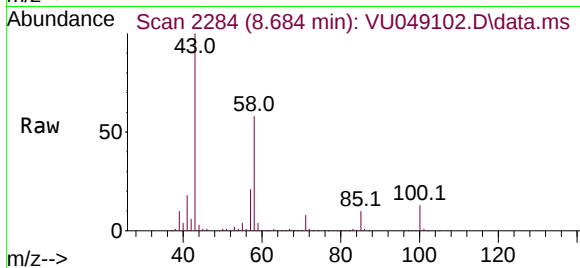


#48
2-Hexanone
Concen: 88.293 ug/L
RT: 8.684 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU049102.D
Acq: 12 Jun 2022 19:30

Instrument :
MSVOA_U
ClientSampleId :
VSTD050149

Tgt Ion: 43 Resp: 279124

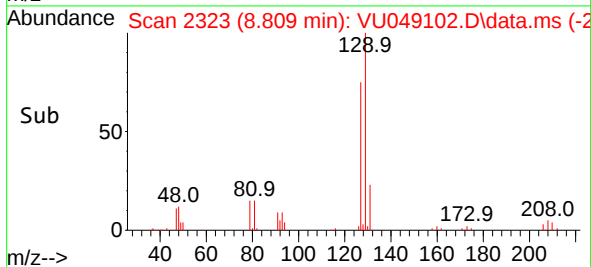
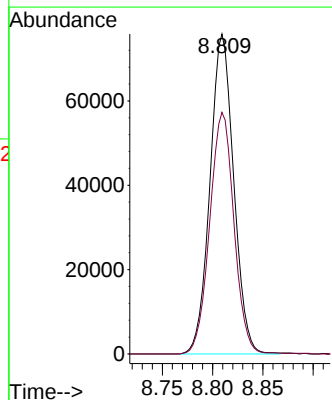
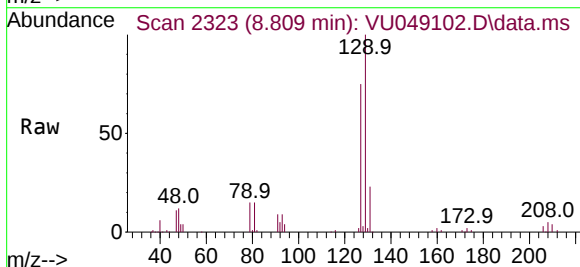
Ion	Ratio	Lower	Upper
43	100		
58	56.7	45.8	68.8
57	20.9	16.2	24.4
100	12.8	9.6	14.4

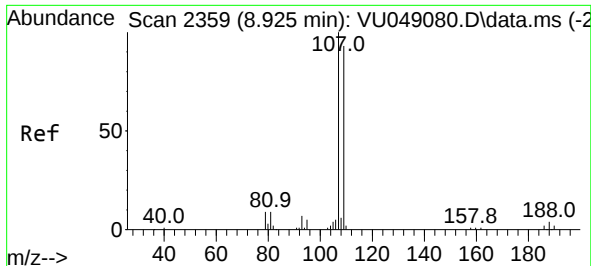


#49
Dibromochloromethane
Concen: 49.995 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU049102.D
Acq: 12 Jun 2022 19:30

Tgt Ion: 129 Resp: 124501

Ion	Ratio	Lower	Upper
129	100		
127	75.5	53.5	99.5

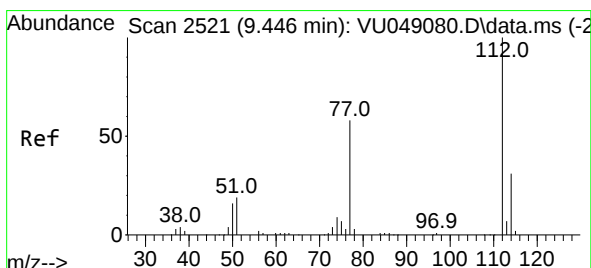
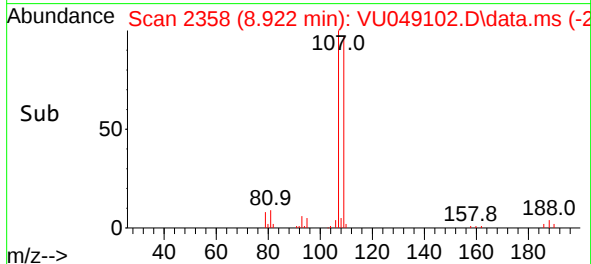
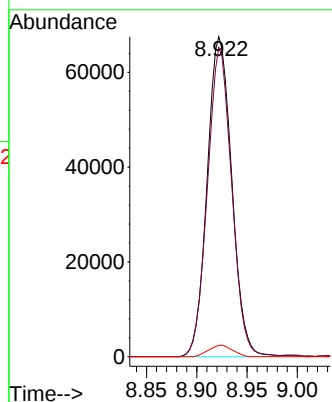
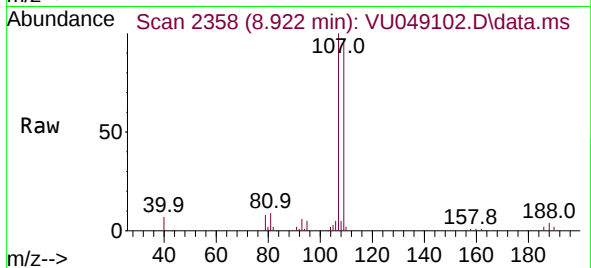




#50
1,2-Dibromoethane
Concen: 48.840 ug/L
RT: 8.922 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049102.D
Acq: 12 Jun 2022 19:30

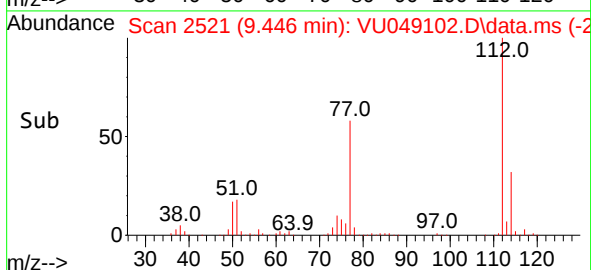
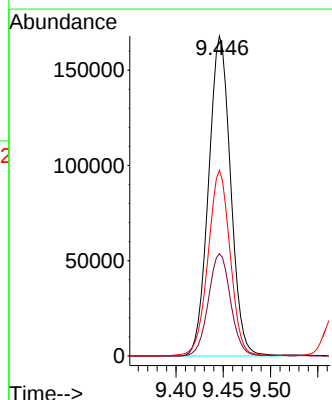
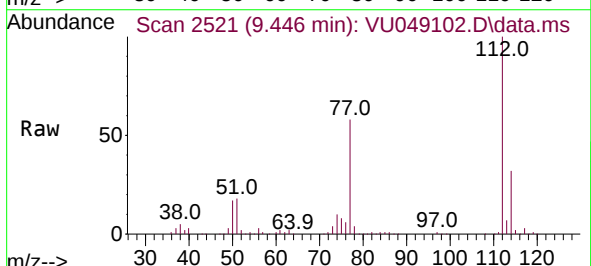
Instrument :
MSVOA_U
ClientSampleId :
VSTD050149

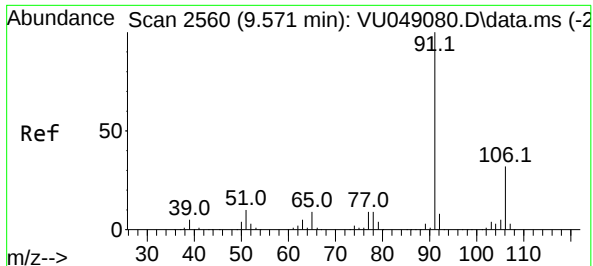
Tgt Ion:107 Resp: 114918
Ion Ratio Lower Upper
107 100
109 96.6 67.2 124.8
188 3.5 2.7 4.1



#51
Chlorobenzene
Concen: 47.592 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU049102.D
Acq: 12 Jun 2022 19:30

Tgt Ion:112 Resp: 272174
Ion Ratio Lower Upper
112 100
114 32.0 22.3 41.3
77 58.0 47.1 70.7





#52

Ethylbenzene

Concen: 46.788 ug/L

RT: 9.568 min Scan# 2559

Delta R.T. -0.003 min

Lab File: VU049102.D

Acq: 12 Jun 2022 19:30

Instrument :

MSVOA_U

ClientSampleId :

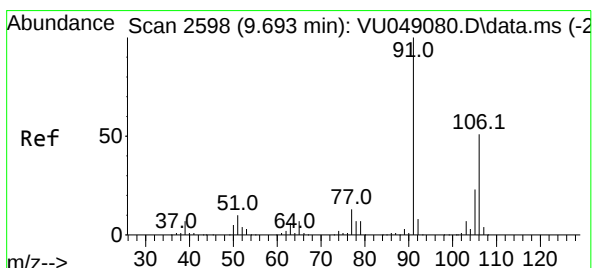
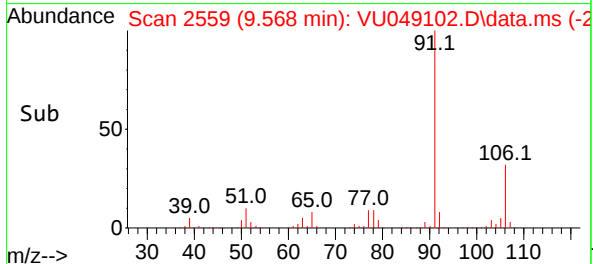
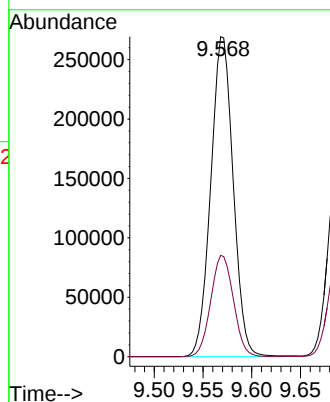
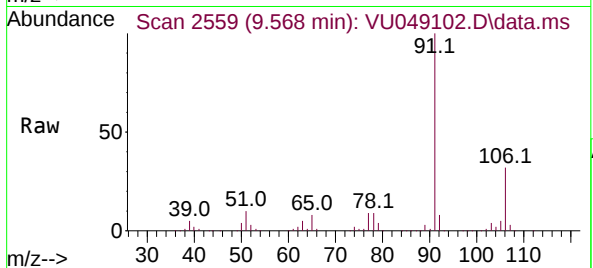
VSTD050149

Tgt Ion: 91 Resp: 430383

Ion Ratio Lower Upper

91 100

106 31.6 21.6 40.2



#53

m,p-Xylene

Concen: 49.682 ug/L

RT: 9.693 min Scan# 2598

Delta R.T. 0.000 min

Lab File: VU049102.D

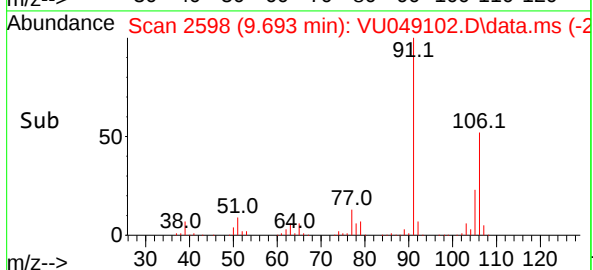
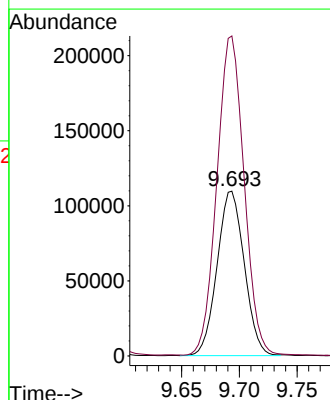
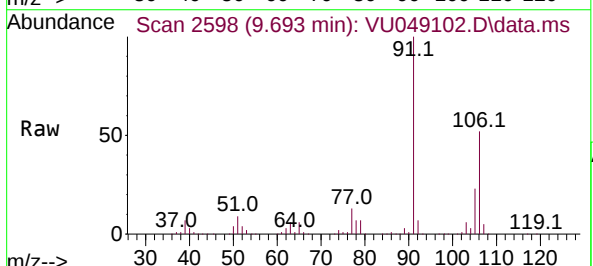
Acq: 12 Jun 2022 19:30

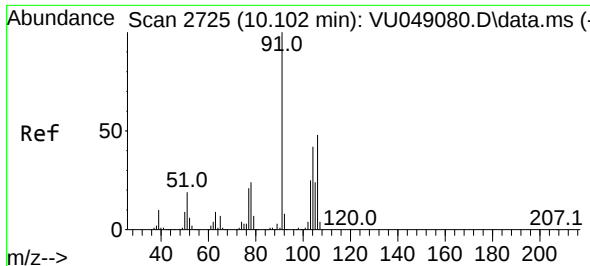
Tgt Ion: 106 Resp: 179464

Ion Ratio Lower Upper

106 100

91 194.1 137.4 255.2

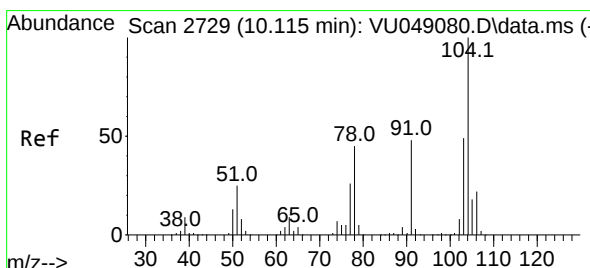
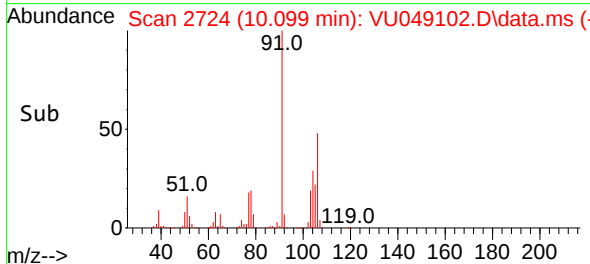
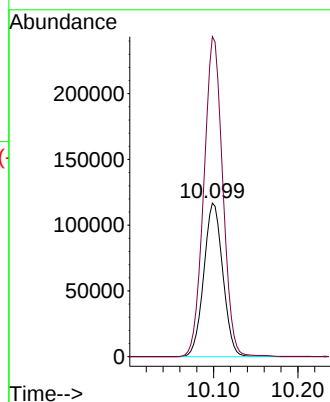
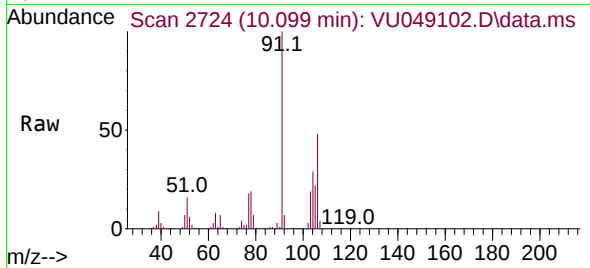




#54
o-Xylene
Concen: 50.502 ug/L
RT: 10.099 min Scan# 2725
Delta R.T. -0.003 min
Lab File: VU049102.D
Acq: 12 Jun 2022 19:30

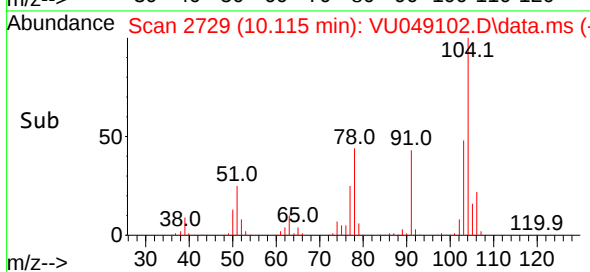
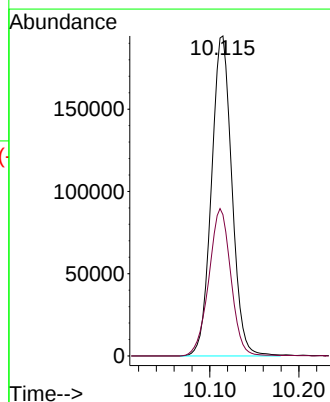
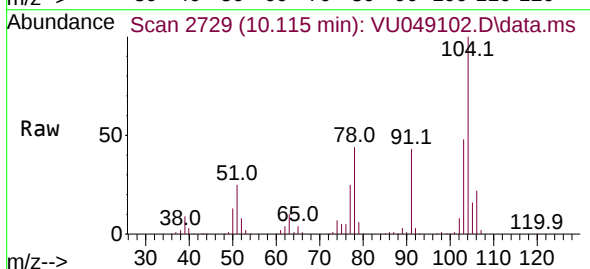
Instrument :
MSVOA_U
ClientSampleId :
VSTD050149

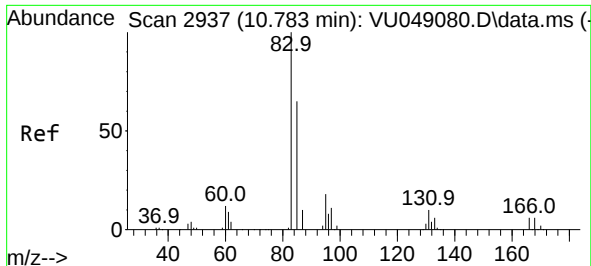
Tgt Ion:106 Resp: 183798
Ion Ratio Lower Upper
106 100
91 208.4 145.2 269.6



#55
Styrene
Concen: 50.967 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU049102.D
Acq: 12 Jun 2022 19:30

Tgt Ion:104 Resp: 309759
Ion Ratio Lower Upper
104 100
78 44.2 32.6 60.6

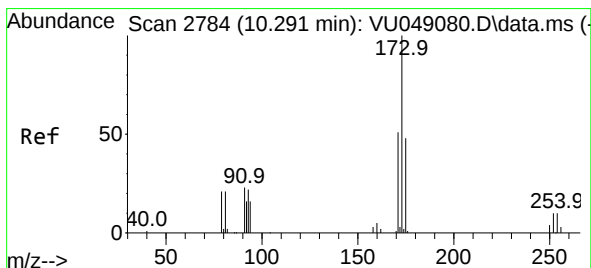
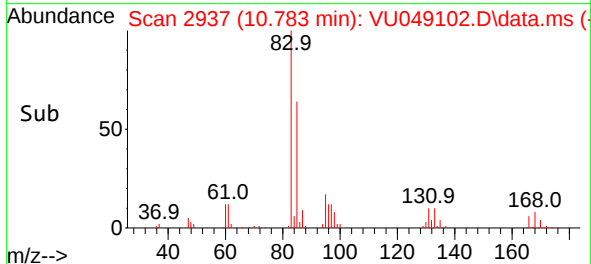
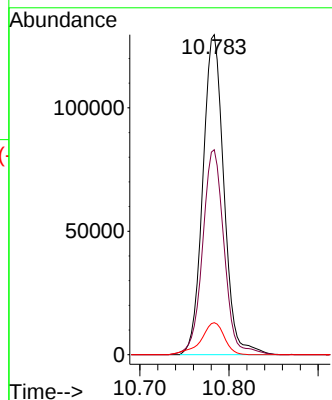
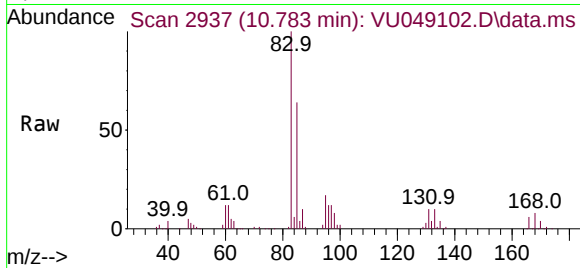




#57
1,1,2,2-Tetrachloroethane
Concen: 51.045 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU049102.D
Acq: 12 Jun 2022 19:30

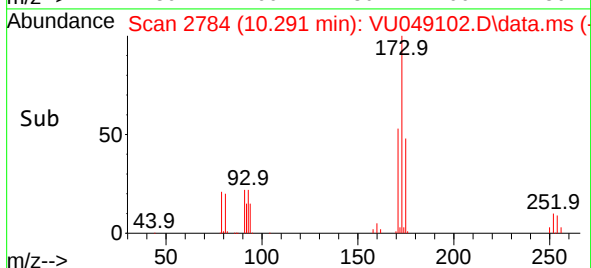
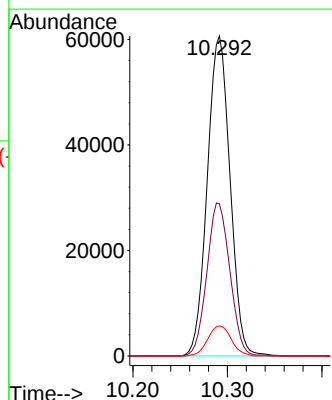
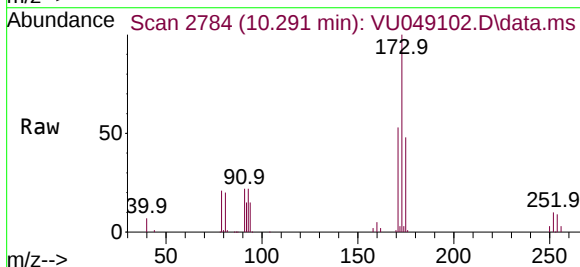
Instrument :
MSVOA_U
ClientSampleId :
VSTD050149

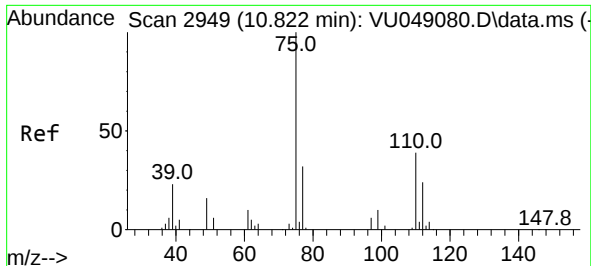
Tgt Ion: 83 Resp: 212760
Ion Ratio Lower Upper
83 100
85 64.1 44.5 82.7
131 10.0 7.6 11.4



#59
Bromoform
Concen: 47.898 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. 0.000 min
Lab File: VU049102.D
Acq: 12 Jun 2022 19:30

Tgt Ion:173 Resp: 101509
Ion Ratio Lower Upper
173 100
175 48.2 37.8 56.8
254 9.7 7.2 10.8

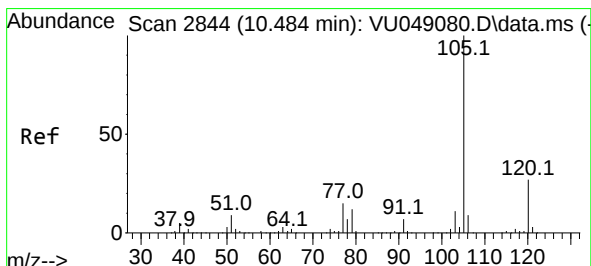
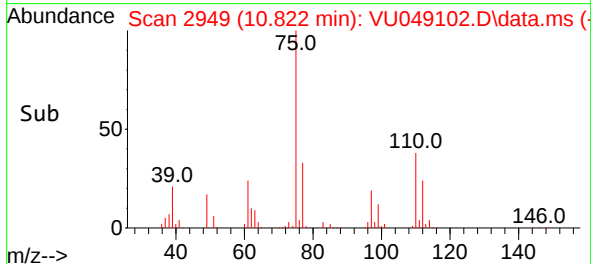
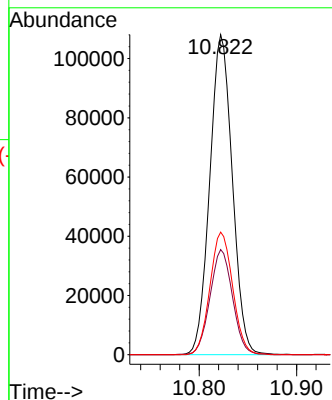
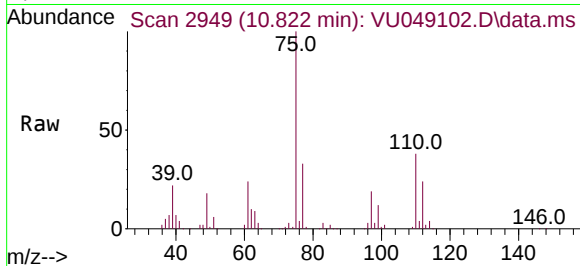




#60
1,2,3-Trichloropropane
Concen: 47.695 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU049102.D
Acq: 12 Jun 2022 19:30

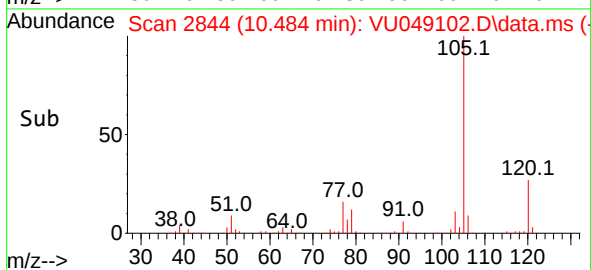
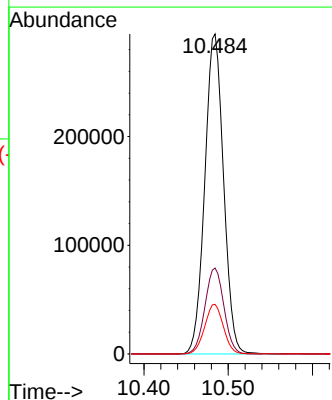
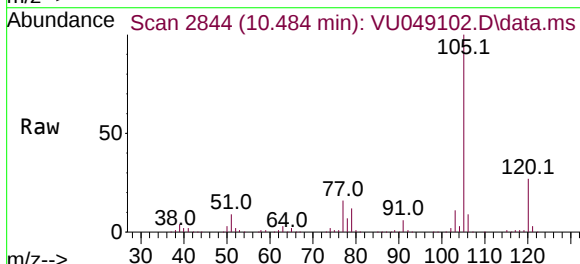
Instrument :
MSVOA_U
ClientSampleId :
VSTD050149

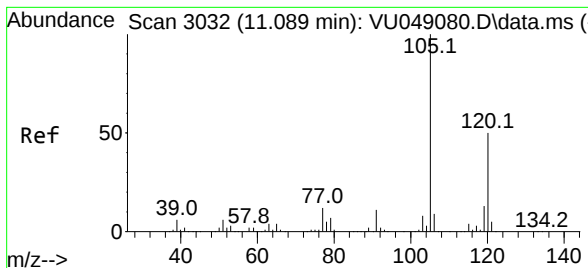
Tgt Ion: 75 Resp: 173730
Ion Ratio Lower Upper
75 100
77 32.8 26.6 40.0
110 38.6 30.2 45.4



#61
Isopropylbenzene
Concen: 46.792 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU049102.D
Acq: 12 Jun 2022 19:30

Tgt Ion: 105 Resp: 456429
Ion Ratio Lower Upper
105 100
120 27.2 21.1 31.7
77 15.5 12.7 19.1





#62

1,3,5-Trimethylbenzene

Concen: 47.747 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU049102.D

Acq: 12 Jun 2022 19:30

Instrument :

MSVOA_U

ClientSampleId :

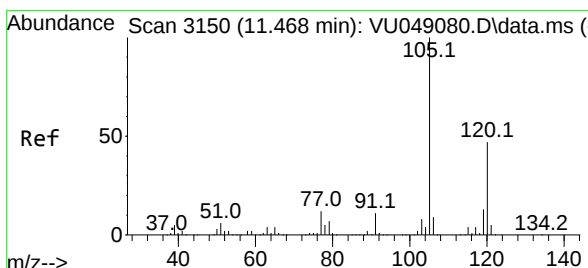
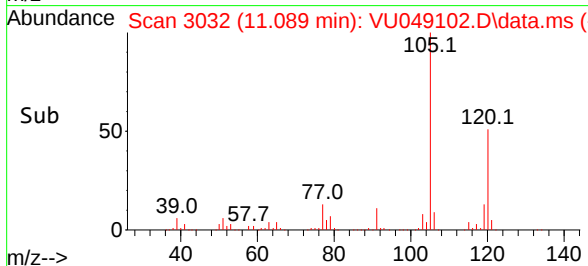
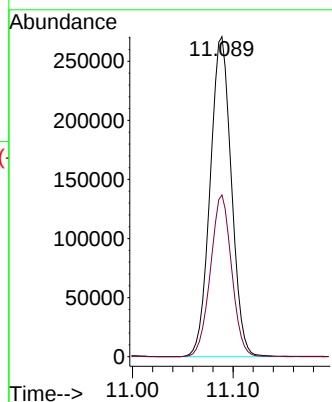
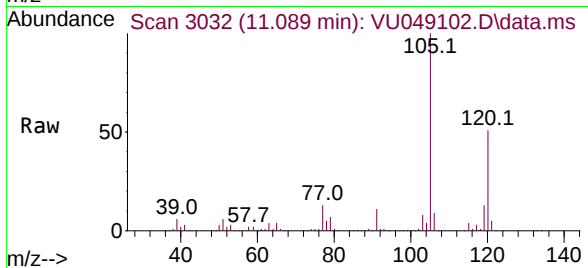
VSTD050149

Tgt Ion:105 Resp: 397631

Ion Ratio Lower Upper

105 100

120 50.4 39.1 58.7



#63

1,2,4-Trimethylbenzene

Concen: 47.761 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU049102.D

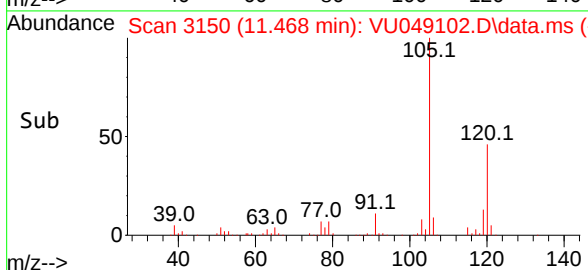
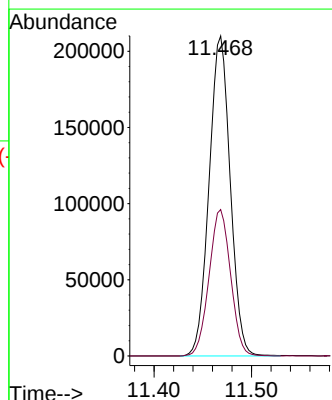
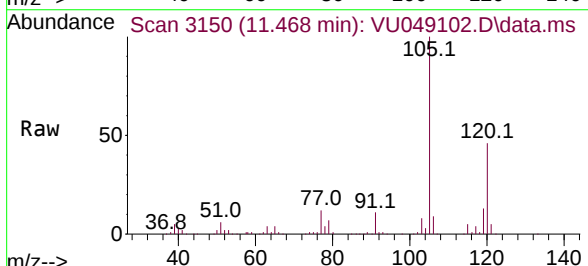
Acq: 12 Jun 2022 19:30

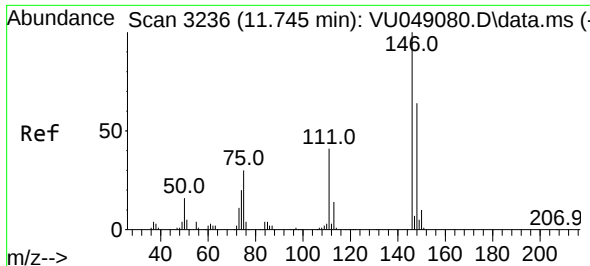
Tgt Ion:105 Resp: 316661

Ion Ratio Lower Upper

105 100

120 46.6 36.3 54.5

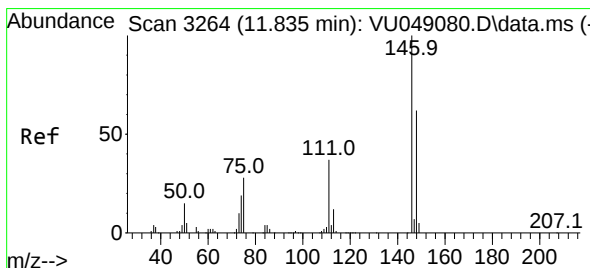
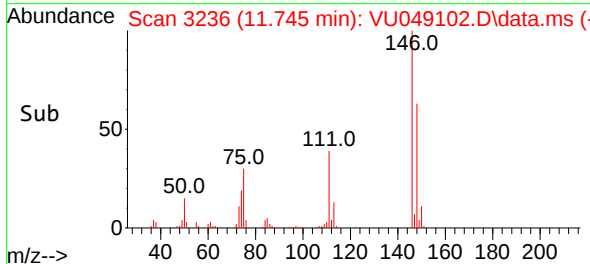
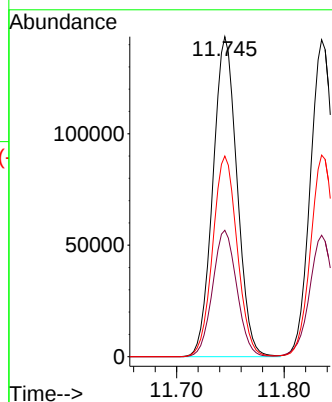
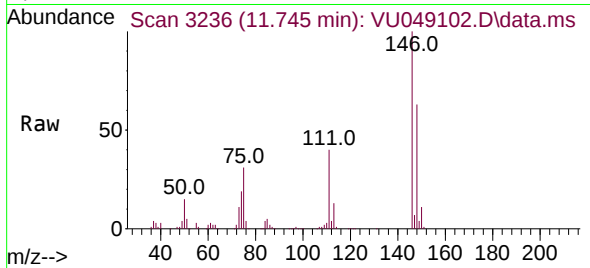




#64
1,3-Dichlorobenzene
Concen: 46.805 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU049102.D
Acq: 12 Jun 2022 19:30

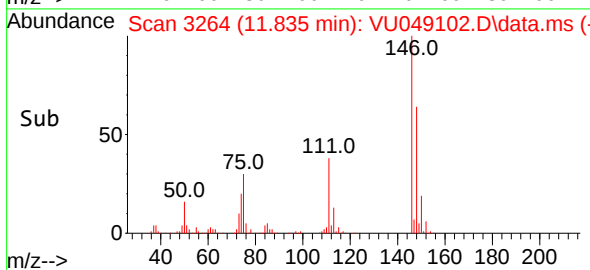
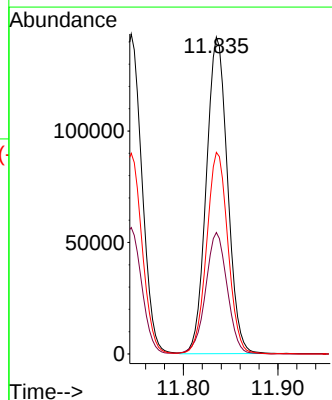
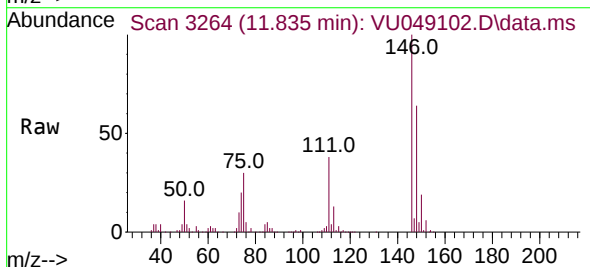
Instrument :
MSVOA_U
ClientSampleId :
VSTD050149

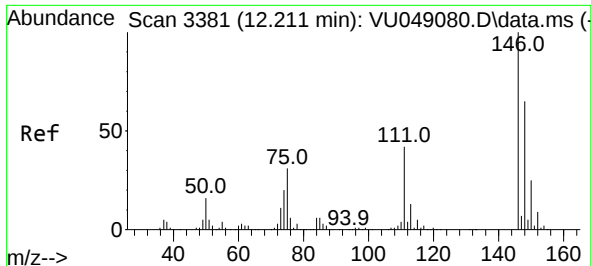
Tgt Ion:146 Resp: 223959
Ion Ratio Lower Upper
146 100
111 39.5 29.8 55.3
148 62.7 45.8 85.0



#65
1,4-Dichlorobenzene
Concen: 45.714 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU049102.D
Acq: 12 Jun 2022 19:30

Tgt Ion:146 Resp: 221467
Ion Ratio Lower Upper
146 100
111 38.3 28.1 52.1
148 63.6 44.9 83.3





#67

1,2-Dichlorobenzene

Concen: 48.348 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. 0.000 min

Lab File: VU049102.D

Acq: 12 Jun 2022 19:30

Instrument :

MSVOA_U

ClientSampleId :

VSTD050149

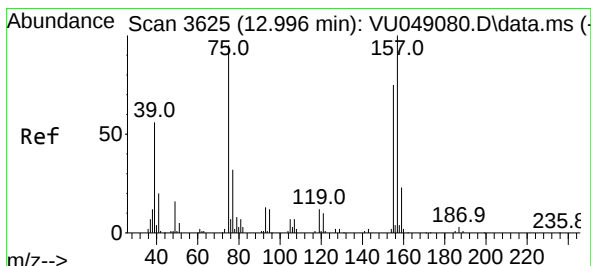
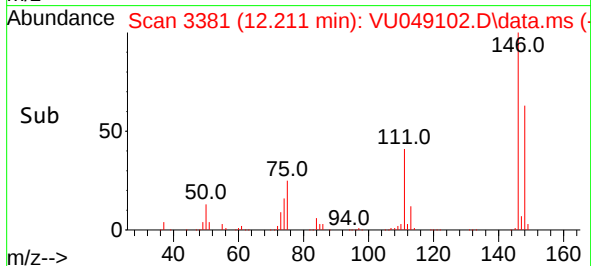
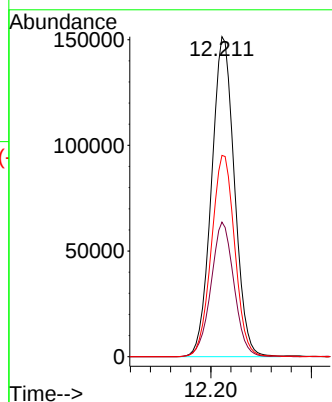
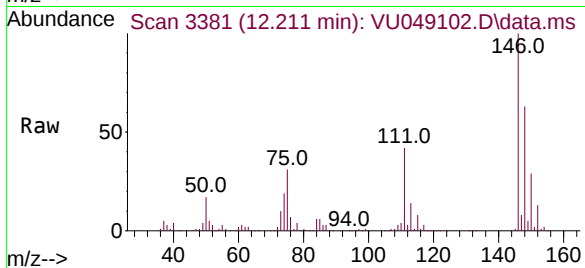
Tgt Ion:146 Resp: 240082

Ion Ratio Lower Upper

146 100

111 42.0 33.9 50.9

148 62.9 50.2 75.2



#68

1,2-Dibromo-3-chloropropane

Concen: 43.783 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. 0.000 min

Lab File: VU049102.D

Acq: 12 Jun 2022 19:30

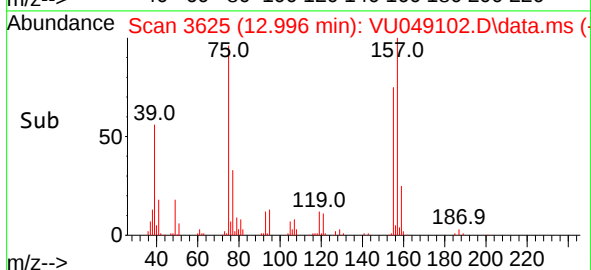
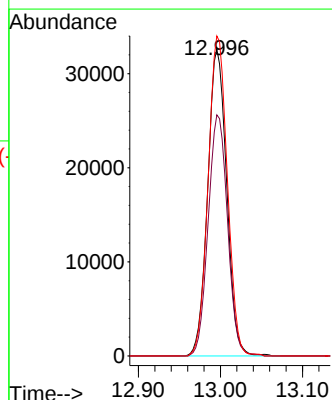
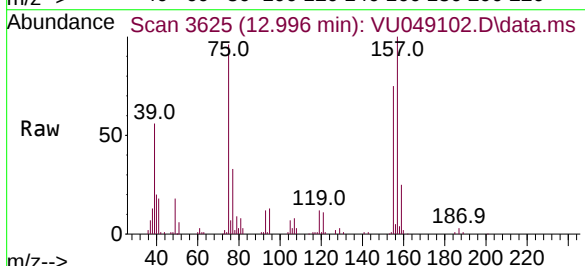
Tgt Ion: 75 Resp: 52637

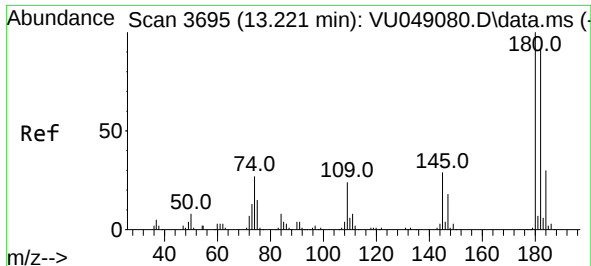
Ion Ratio Lower Upper

75 100

155 78.6 61.0 91.6

157 104.3 77.6 116.4





#69

1,3,5-Trichlorobenzene

Concen: 44.534 ug/L

RT: 13.217 min Scan# 3694

Delta R.T. -0.003 min

Lab File: VU049102.D

Acq: 12 Jun 2022 19:30

Instrument :

MSVOA_U

ClientSampleId :

VSTD050149

Tgt Ion:180 Resp: 152230

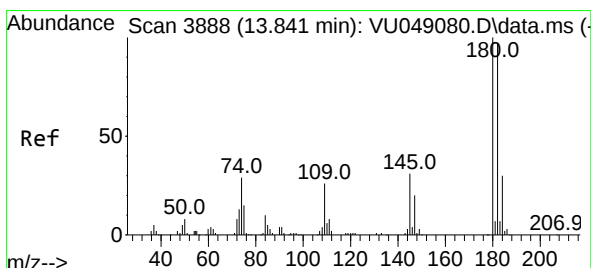
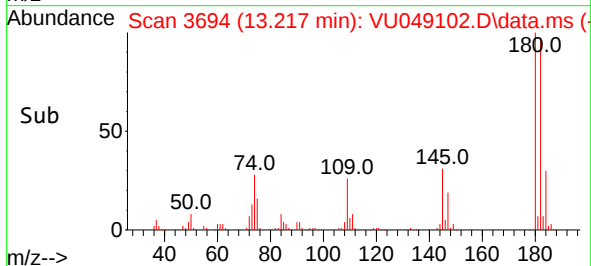
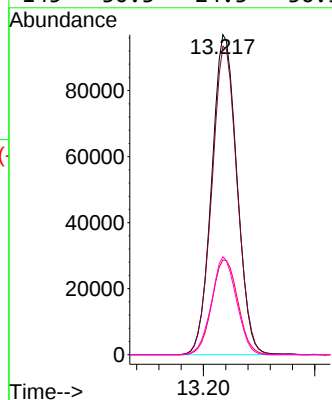
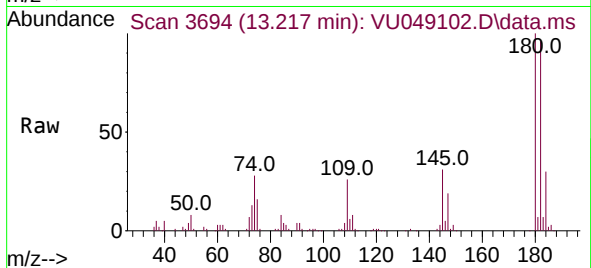
Ion Ratio Lower Upper

180 100

182 97.0 76.0 114.0

184 30.6 24.5 36.7

145 30.3 24.3 36.5



#70

1,2,4-trichlorobenzene

Concen: 39.564 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. 0.000 min

Lab File: VU049102.D

Acq: 12 Jun 2022 19:30

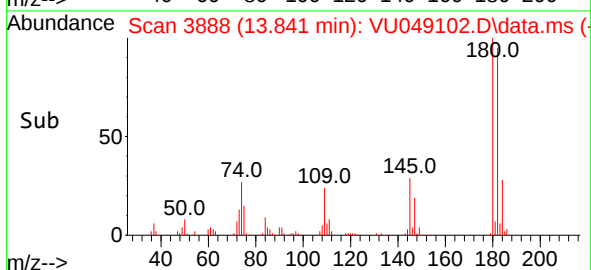
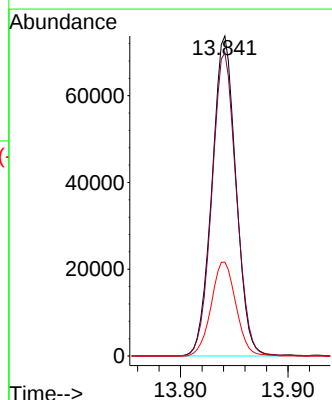
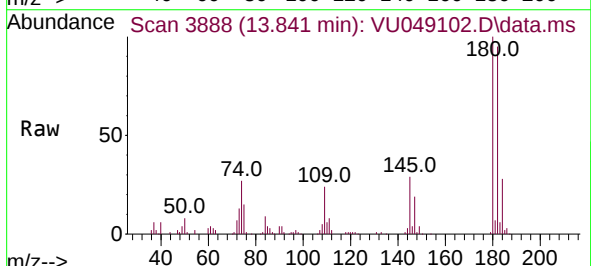
Tgt Ion:180 Resp: 114362

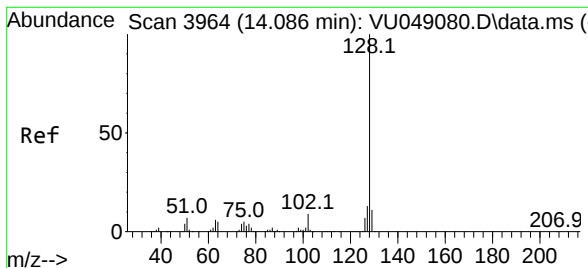
Ion Ratio Lower Upper

180 100

182 96.2 78.2 117.2

145 30.3 25.0 37.4

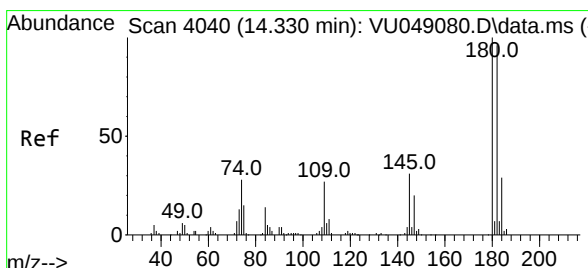
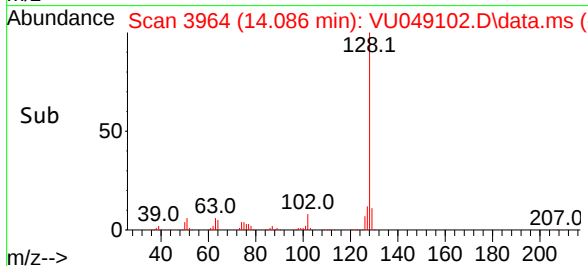
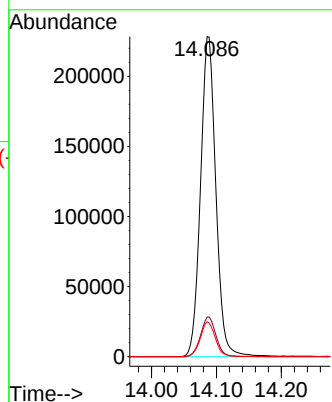
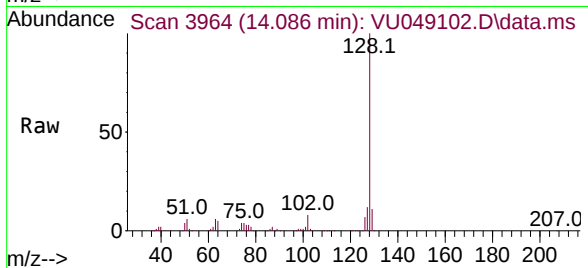




#71
Naphthalene
Concen: 36.733 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU049102.D
Acq: 12 Jun 2022 19:30

Instrument :
MSVOA_U
ClientSampleId :
VSTD050149

Tgt Ion:128 Resp: 375647
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.4
129 10.6 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 42.700 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU049102.D
Acq: 12 Jun 2022 19:30

Tgt Ion:180 Resp: 130559
Ion Ratio Lower Upper
180 100
182 96.3 77.3 115.9
145 32.3 26.3 39.5

