

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041522\
 Data File : VU048094.D
 Acq On : 15 Apr 2022 10:08
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050084

Quant Time: Apr 16 00:29:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 15 05:02:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	326438	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	337612	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	201927	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	78983	33.365	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.740%
7) Chloroethane-d5	1.909	69	79793	42.749	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.500%
11) 1,1-Dichloroethene-d2	2.572	63	174166	40.214	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.420%
21) 2-Butanone-d5	4.620	46	208556	102.644	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.640%
24) Chloroform-d	5.067	84	208322	48.096	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.200%
26) 1,2-Dichloroethane-d4	5.703	65	130213	49.016	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.040%
32) Benzene-d6	5.729	84	394500	46.438	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.880%
36) 1,2-Dichloropropane-d6	6.694	67	132489	50.782	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.560%
41) Toluene-d8	7.899	98	361022	43.618	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.240%
43) trans-1,3-Dichloroprop...	8.179	79	52379	39.628	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.260%
47) 2-Hexanone-d5	8.632	63	151845	99.421	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.420%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	226123	50.503	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	165409	46.043	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	144819	47.852	ug/L	100
3) Chloromethane	1.523	50	156498	54.072	ug/L	99
5) Vinyl chloride	1.607	62	149294	50.577	ug/L	99
6) Bromomethane	1.851	94	69008	43.435	ug/L	99
8) Chloroethane	1.932	64	98473	53.142	ug/L	98
9) Trichlorofluoromethane	2.138	101	207240	49.788	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	127963	53.184	ug/L	98
12) 1,1-Dichloroethene	2.581	96	116741	52.135	ug/L	82
13) Acetone	2.623	43	140759	74.444	ug/L	99
14) Carbon disulfide	2.797	76	318983	45.067	ug/L	99
15) Methyl Acetate	2.948	43	168841	55.999	ug/L	97
16) Methylene chloride	3.047	84	147507	57.406	ug/L	97
17) trans-1,2-Dichloroethene	3.356	96	124775	51.662	ug/L	97
18) Methyl tert-butyl Ether	3.366	73	383646	56.304	ug/L	99
19) 1,1-Dichloroethane	3.871	63	241883	58.069	ug/L	100
20) cis-1,2-Dichloroethene	4.668	96	146588	55.361	ug/L	97
22) 2-Butanone	4.700	43	225806	92.707	ug/L	96
23) Bromochloromethane	4.977	128	81245	55.885	ug/L	97
25) Chloroform	5.089	83	253378	56.500	ug/L	99

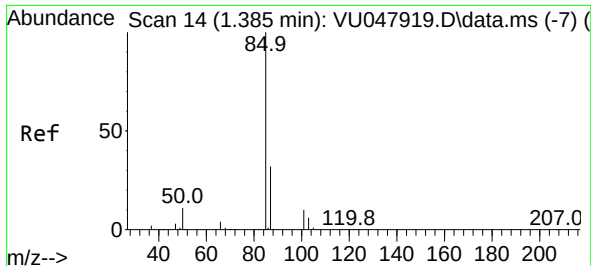
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041522\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	189411	54.668	ug/L	97
29) Cyclohexane	5.391	56	183163	53.465	ug/L	96
30) 1,1,1-Trichloroethane	5.321	97	208779	54.538	ug/L	98
31) Carbon tetrachloride	5.526	117	179661	51.973	ug/L	100
33) Benzene	5.777	78	558748	57.177	ug/L	100
34) Trichloroethene	6.542	95	138584	54.092	ug/L	98
35) Methylcyclohexane	6.764	83	198541	50.939	ug/L	98
37) 1,2-Dichloropropane	6.793	63	147972	59.564	ug/L	100
38) Bromodichloromethane	7.108	83	189457	55.536	ug/L	97
39) cis-1,3-Dichloropropene	7.610	75	195910	50.824	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	420409	107.074	ug/L	98
42) Toluene	7.970	91	599726	55.931	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	187520	48.723	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	151638	57.554	ug/L	99
46) Tetrachloroethene	8.555	164	120215	52.215	ug/L	99
48) 2-Hexanone	8.684	43	333644	98.788	ug/L	99
49) Dibromochloromethane	8.812	129	164306	53.842	ug/L	100
50) 1,2-Dibromoethane	8.925	107	162774	55.108	ug/L	99
51) Chlorobenzene	9.449	112	414667	56.956	ug/L	99
52) Ethylbenzene	9.571	91	622448	55.209	ug/L	98
53) m,p-Xylene	9.697	106	246675	55.761	ug/L	98
54) o-Xylene	10.102	106	241650	55.656	ug/L	99
55) Styrene	10.115	104	423505	57.131	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	269096	54.480	ug/L	98
59) Bromoform	10.292	173	134382	52.044	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	205759	54.052	ug/L	98
61) Isopropylbenzene	10.488	105	609750	55.873	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	307594	51.948	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	496199	55.169	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	330995	54.568	ug/L	100
65) 1,4-Dichlorobenzene	11.838	146	340953	54.267	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	337089	55.540	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.999	75	60104	49.291	ug/L	97
69) 1,3,5-Trichlorobenzene	13.221	180	246332	50.004	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	222803	51.635	ug/L	99
71) Naphthalene	14.089	128	642901	49.975	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	227104	52.502	ug/L	99

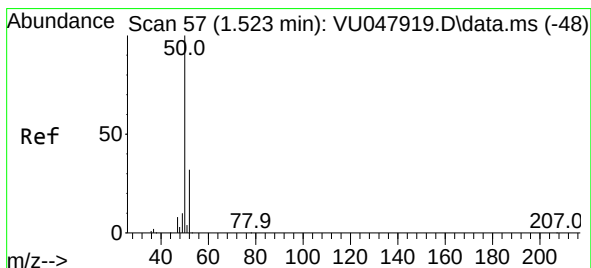
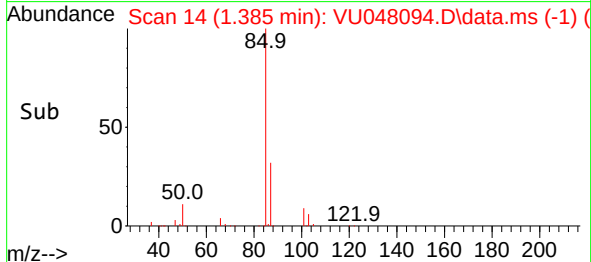
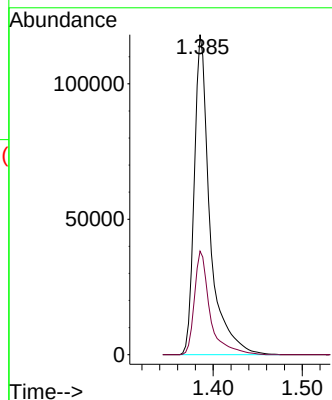
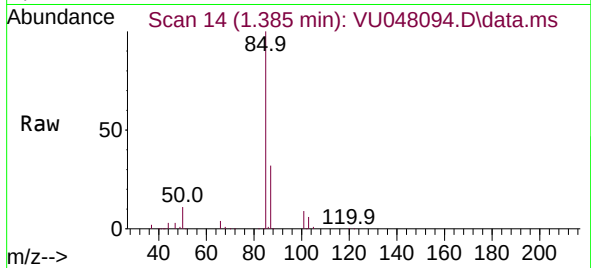
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 47.852 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU048094.D
Acq: 15 Apr 2022 10:08

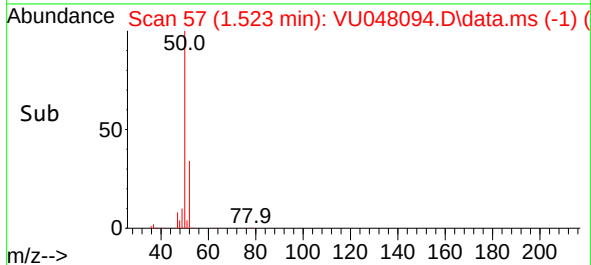
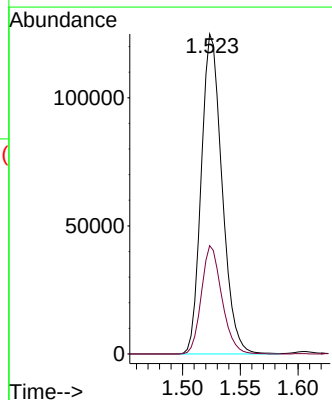
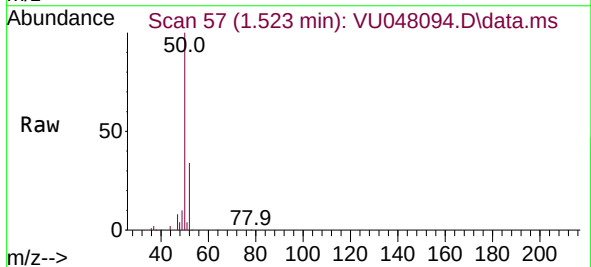
Instrument :
MSVOA_U
ClientSampleId :
VSTD050084

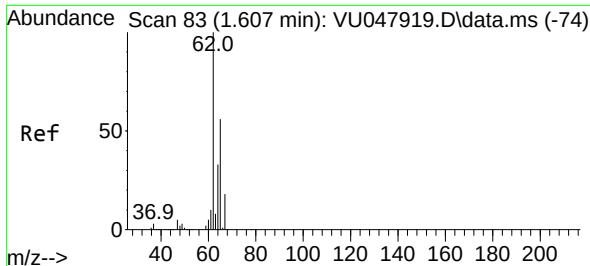
Tgt Ion: 85 Resp: 144819
Ion Ratio Lower Upper
85 100
87 32.2 25.8 38.8



#3
Chloromethane
Concen: 54.072 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.003 min
Lab File: VU048094.D
Acq: 15 Apr 2022 10:08

Tgt Ion: 50 Resp: 156498
Ion Ratio Lower Upper
50 100
52 33.9 23.2 43.2

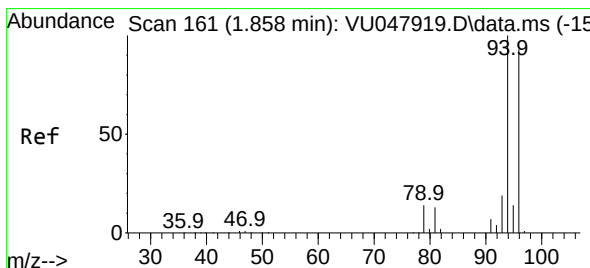
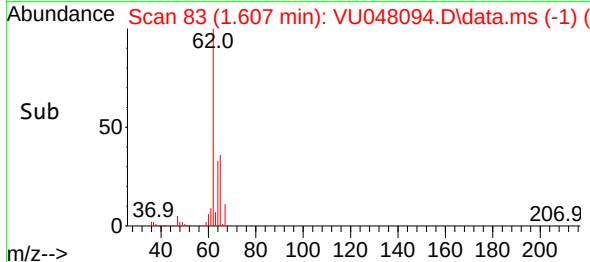
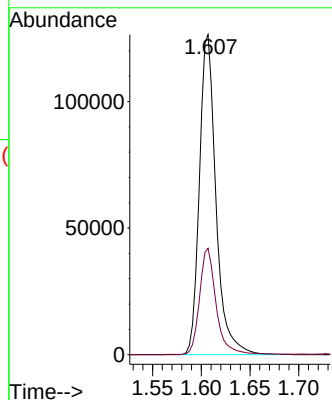
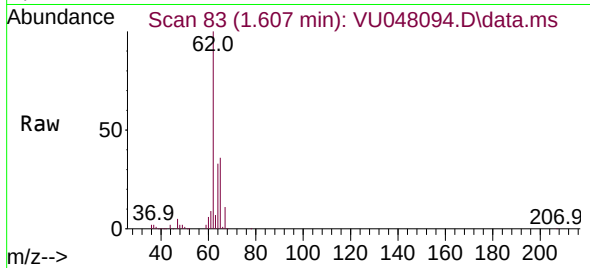




#5
 Vinyl chloride
 Concen: 50.577 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VU048094.D
 Acq: 15 Apr 2022 10:08

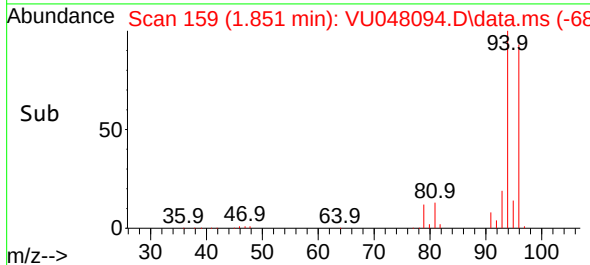
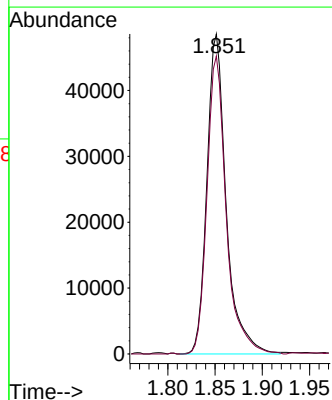
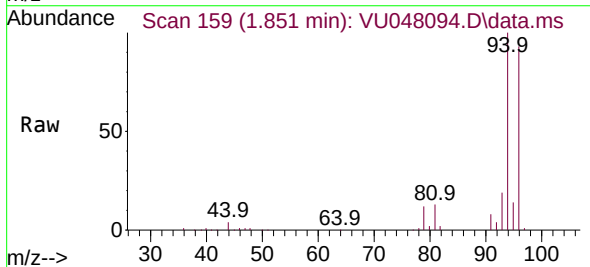
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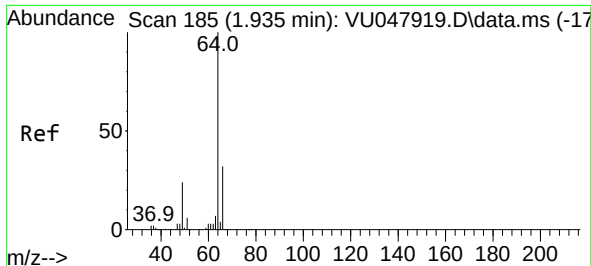
Tgt Ion: 62 Resp: 149294
 Ion Ratio Lower Upper
 62 100
 64 33.3 23.7 43.9



#6
 Bromomethane
 Concen: 43.435 ug/L
 RT: 1.851 min Scan# 159
 Delta R.T. -0.006 min
 Lab File: VU048094.D
 Acq: 15 Apr 2022 10:08

Tgt Ion: 94 Resp: 69008
 Ion Ratio Lower Upper
 94 100
 96 93.1 64.8 120.3

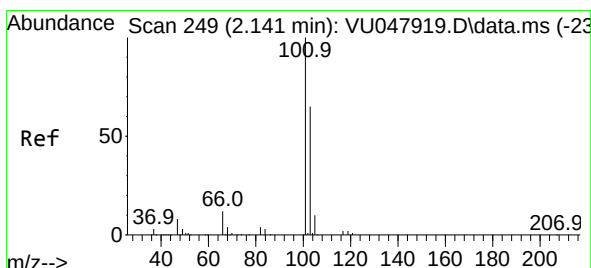
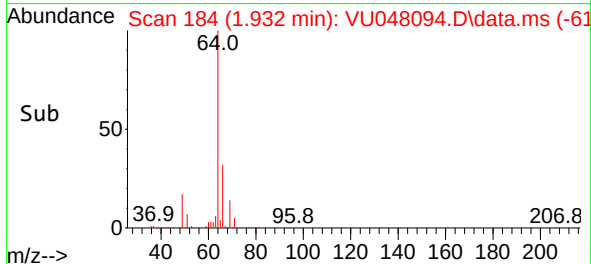
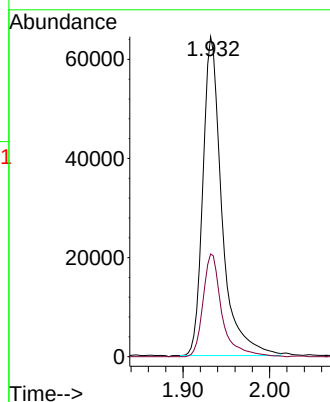
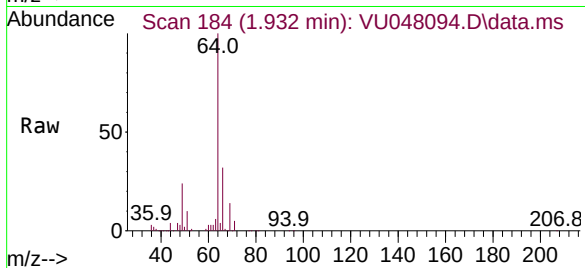




#8
Chloroethane
Concen: 53.142 ug/L
RT: 1.932 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048094.D
Acq: 15 Apr 2022 10:08

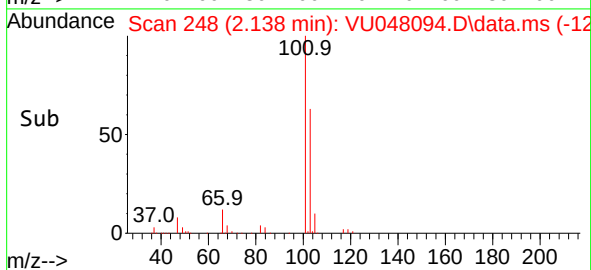
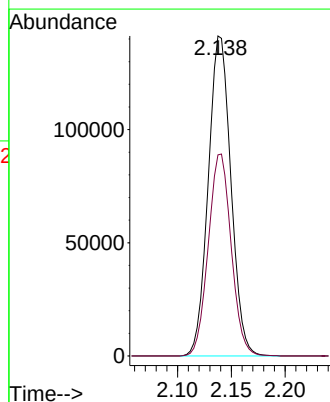
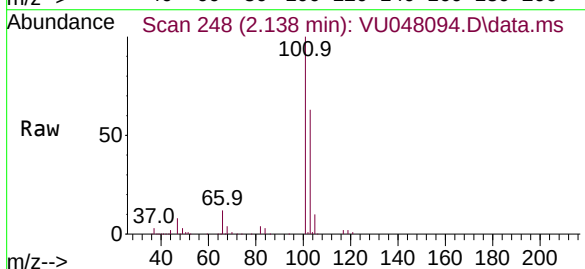
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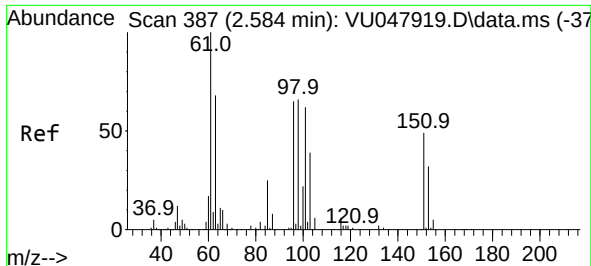
Tgt Ion: 64 Resp: 98473
Ion Ratio Lower Upper
64 100
66 32.1 23.3 43.3



#9
Trichlorofluoromethane
Concen: 49.788 ug/L
RT: 2.138 min Scan# 248
Delta R.T. -0.003 min
Lab File: VU048094.D
Acq: 15 Apr 2022 10:08

Tgt Ion:101 Resp: 207240
Ion Ratio Lower Upper
101 100
103 63.8 51.4 77.2

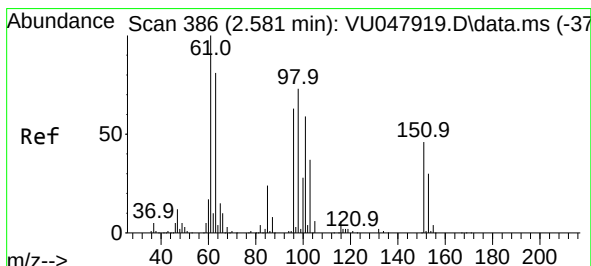
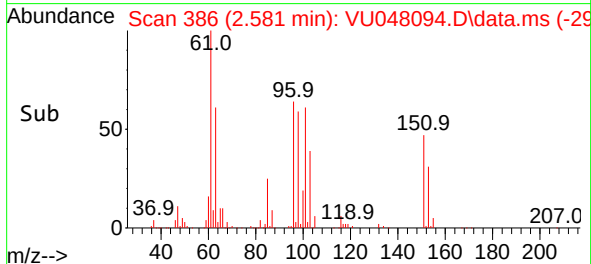
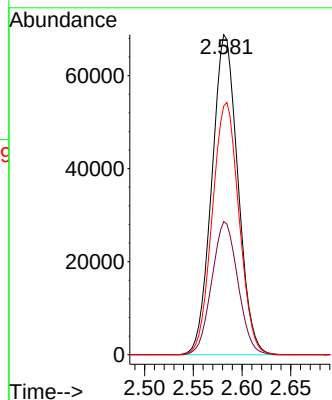
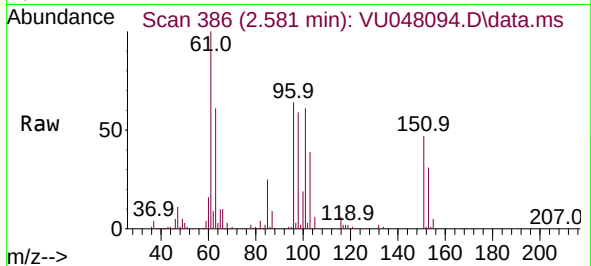




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 53.184 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. -0.000 min
 Lab File: VU048094.D
 Acq: 15 Apr 2022 10:08

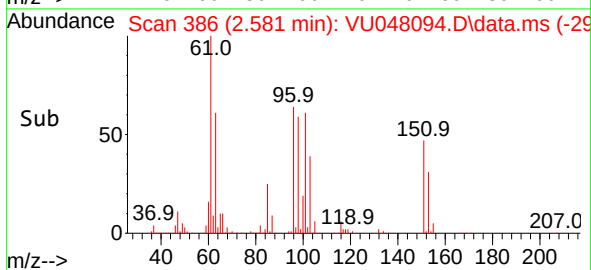
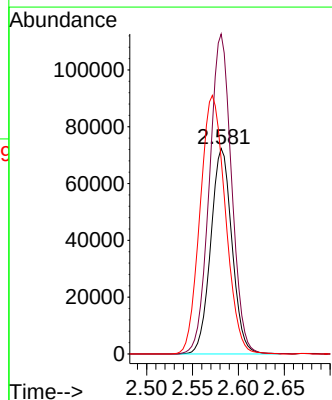
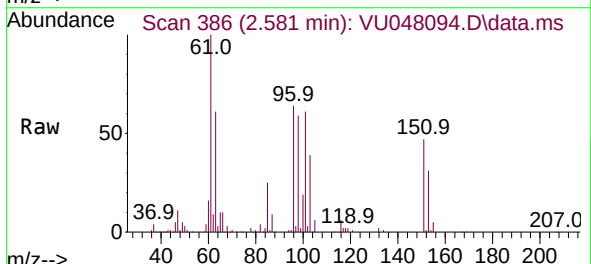
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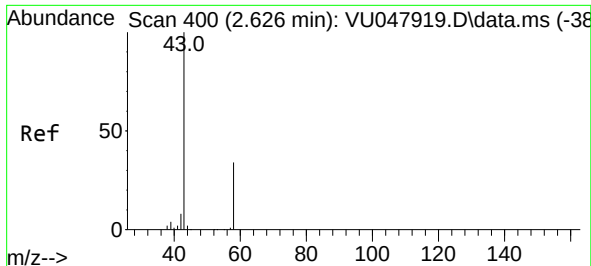
Tgt Ion:101 Resp: 127963
 Ion Ratio Lower Upper
 101 100
 85 41.6 32.8 49.2
 151 80.7 63.0 94.6



#12
 1,1-Dichloroethene
 Concen: 52.135 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. -0.000 min
 Lab File: VU048094.D
 Acq: 15 Apr 2022 10:08

Tgt Ion: 96 Resp: 116741
 Ion Ratio Lower Upper
 96 100
 61 155.8 113.1 210.1
 63 94.8 94.8 176.0





#13

Acetone

Concen: 74.444 ug/L

RT: 2.623 min Scan# 399

Delta R.T. -0.000 min

Lab File: VU048094.D

Acq: 15 Apr 2022 10:08

Instrument :

MSVOA_U

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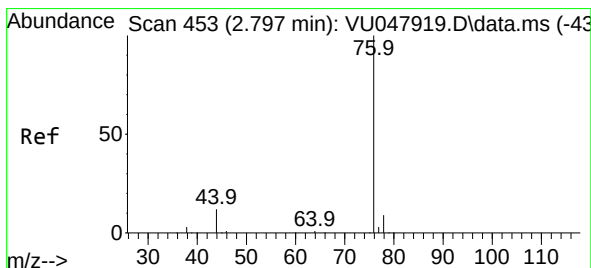
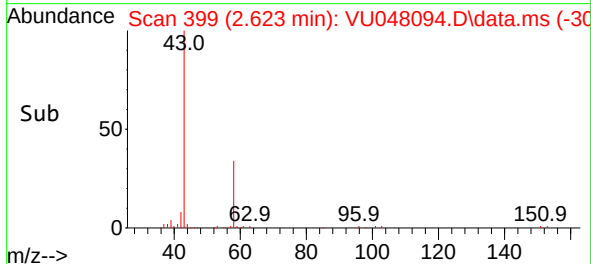
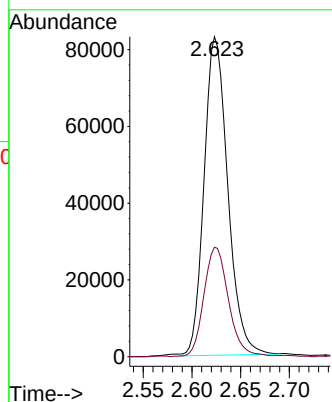
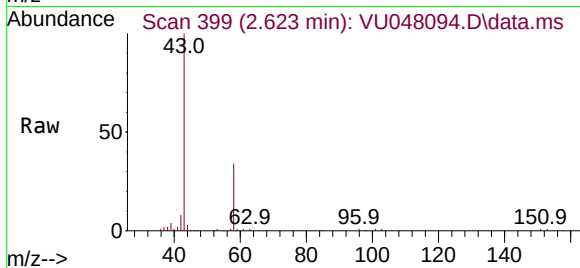
VSTD050084

Tgt Ion: 43 Resp: 140759

Ion Ratio Lower Upper

43 100

58 35.6 0.0 70.0



#14

Carbon disulfide

Concen: 45.067 ug/L

RT: 2.797 min Scan# 453

Delta R.T. -0.000 min

Lab File: VU048094.D

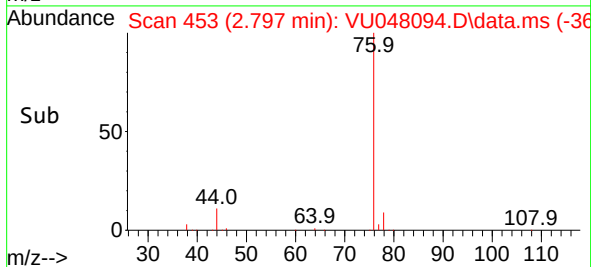
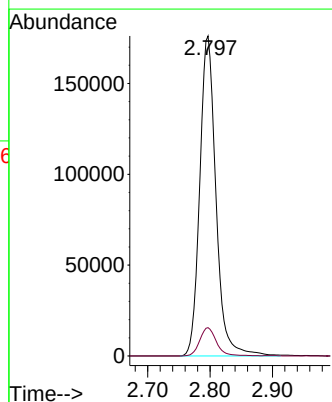
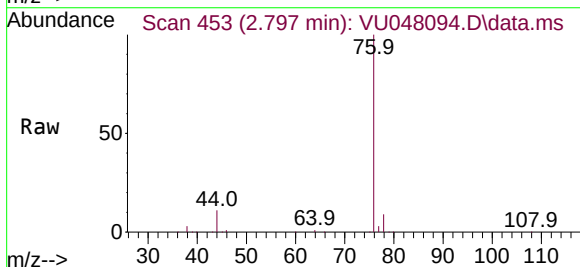
Acq: 15 Apr 2022 10:08

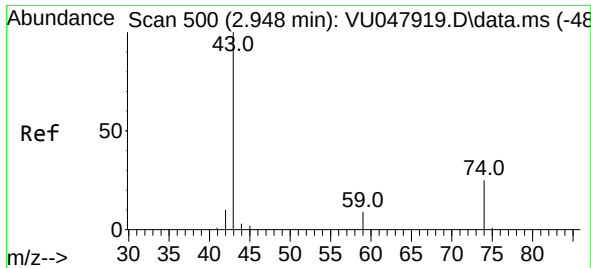
Tgt Ion: 76 Resp: 318983

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.0

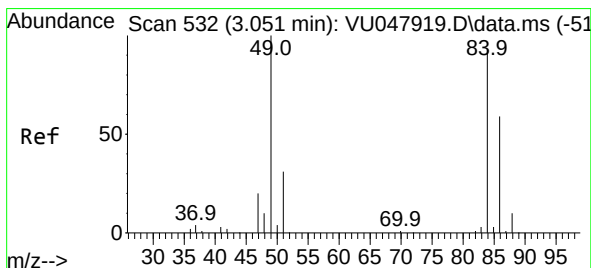
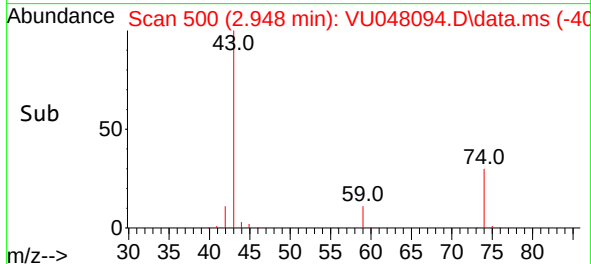
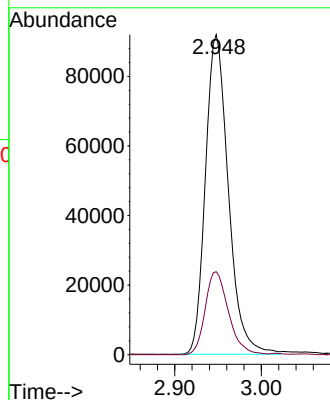
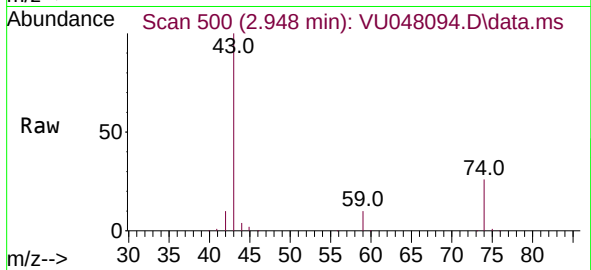




#15
Methyl Acetate
Concen: 55.999 ug/L
RT: 2.948 min Scan# 500
Delta R.T. -0.000 min
Lab File: VU048094.D
Acq: 15 Apr 2022 10:08

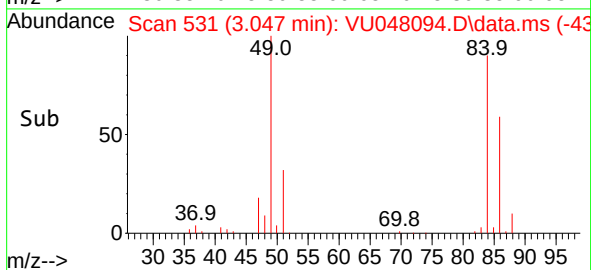
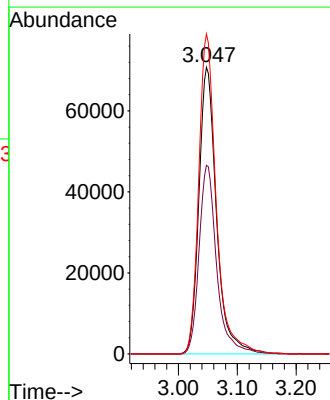
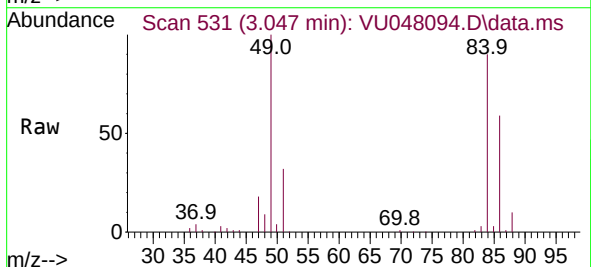
Instrument :
MSVOA_U
ClientSampleId :
VSTD050084

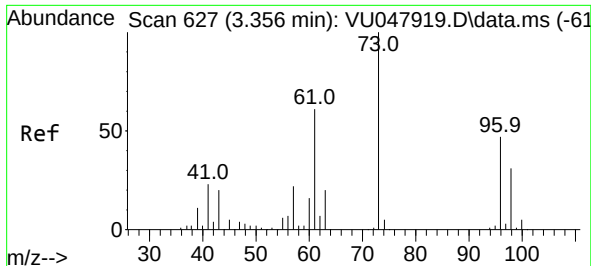
Tgt Ion: 43 Resp: 168841
Ion Ratio Lower Upper
43 100
74 26.4 22.2 33.2



#16
Methylene chloride
Concen: 57.406 ug/L
RT: 3.047 min Scan# 531
Delta R.T. -0.000 min
Lab File: VU048094.D
Acq: 15 Apr 2022 10:08

Tgt Ion: 84 Resp: 147507
Ion Ratio Lower Upper
84 100
86 65.8 46.0 85.4
49 111.6 75.3 139.8





#17

trans-1,2-Dichloroethene

Concen: 51.662 ug/L

RT: 3.356 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU048094.D

Acq: 15 Apr 2022 10:08

Instrument :

MSVOA_U

ClientSampleId :

VSTD050084

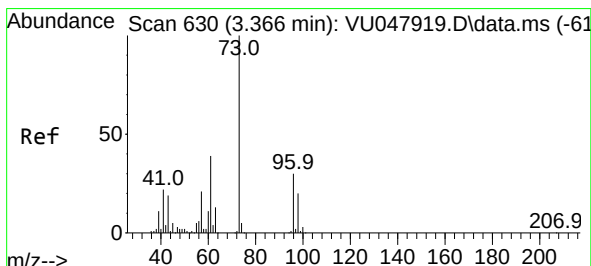
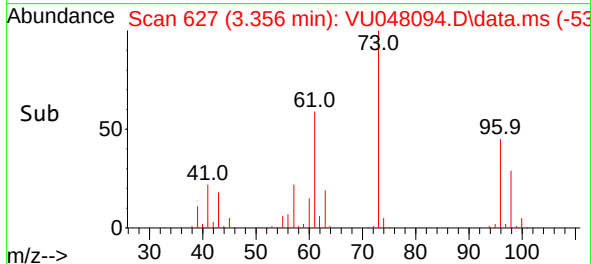
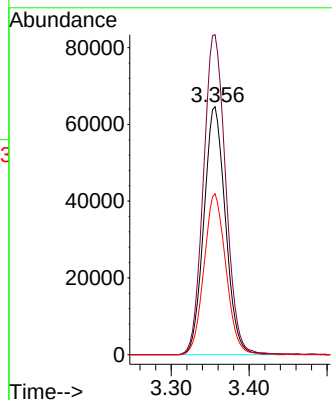
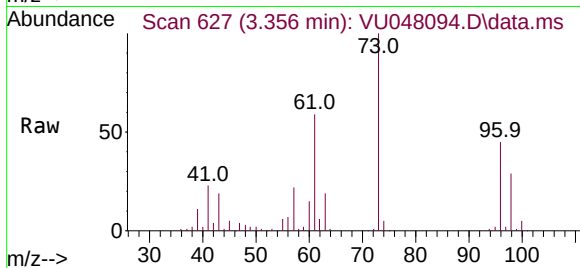
Tgt Ion: 96 Resp: 124775

Ion Ratio Lower Upper

96 100

61 129.0 88.4 164.2

98 64.9 43.3 80.5



#18

Methyl tert-butyl Ether

Concen: 56.304 ug/L

RT: 3.366 min Scan# 630

Delta R.T. -0.000 min

Lab File: VU048094.D

Acq: 15 Apr 2022 10:08

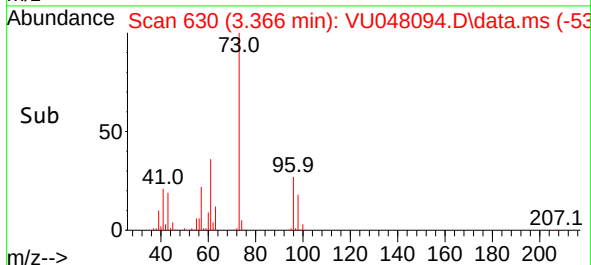
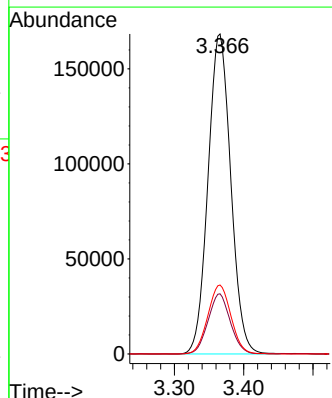
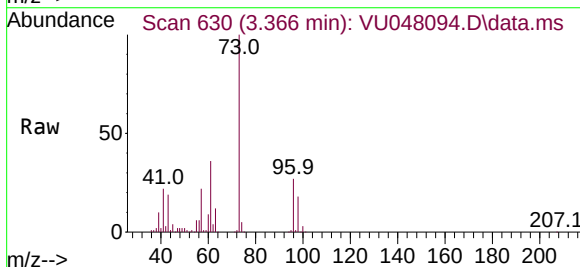
Tgt Ion: 73 Resp: 383646

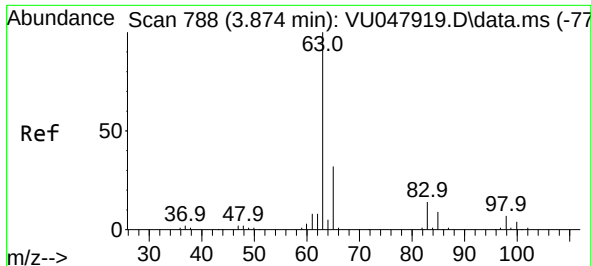
Ion Ratio Lower Upper

73 100

43 18.4 15.3 22.9

57 21.9 17.0 25.6





#19

1,1-Dichloroethane

Concen: 58.069 ug/L

RT: 3.871 min Scan# 787

Delta R.T. -0.003 min

Lab File: VU048094.D

Acq: 15 Apr 2022 10:08

Instrument :

MSVOA_U

ClientSampleId :

VSTD050084

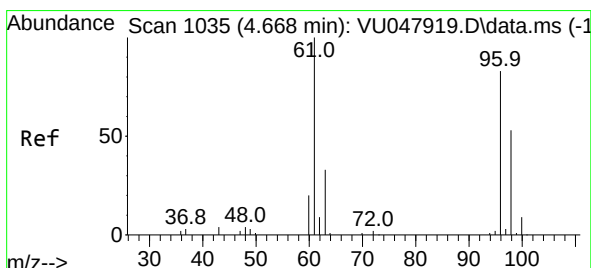
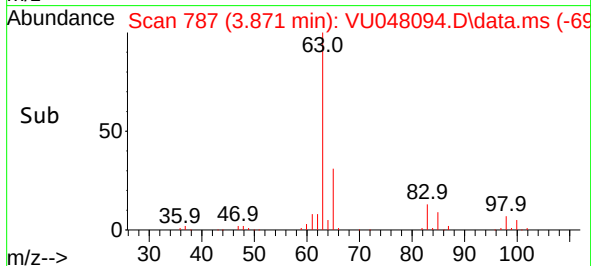
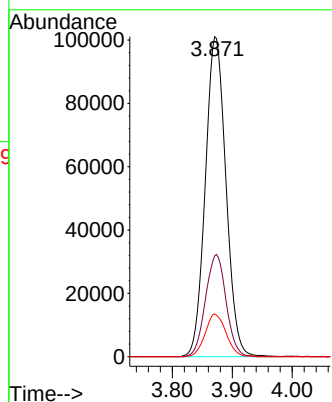
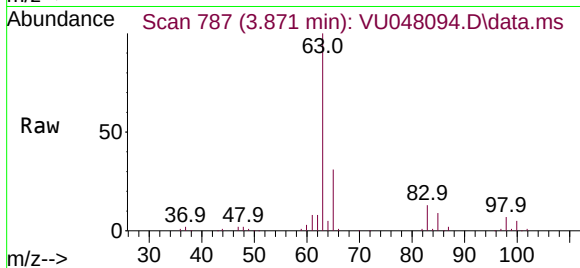
Tgt Ion: 63 Resp: 241883

Ion Ratio Lower Upper

63 100

65 31.5 22.0 41.0

83 13.4 9.7 18.1



#20

cis-1,2-Dichloroethene

Concen: 55.361 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VU048094.D

Acq: 15 Apr 2022 10:08

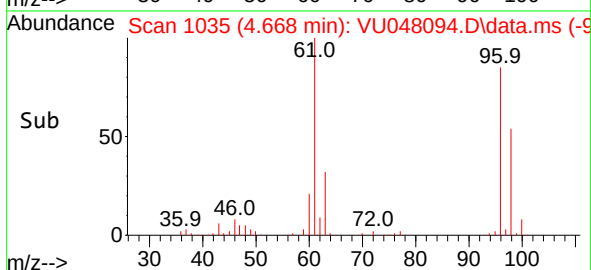
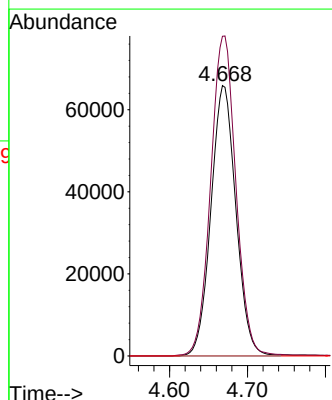
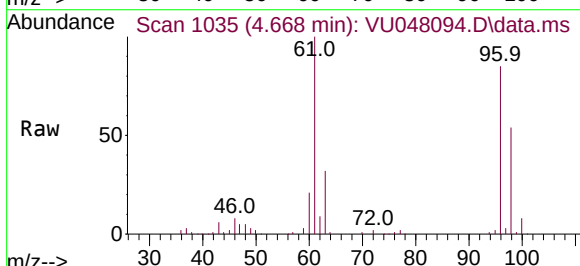
Tgt Ion: 96 Resp: 146588

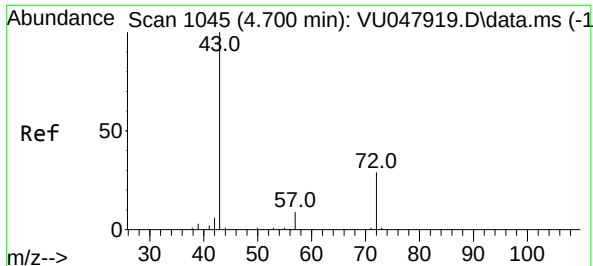
Ion Ratio Lower Upper

96 100

61 118.2 80.7 149.9

68 0.0 0.0 0.0

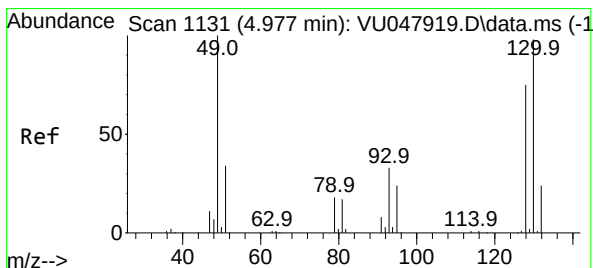
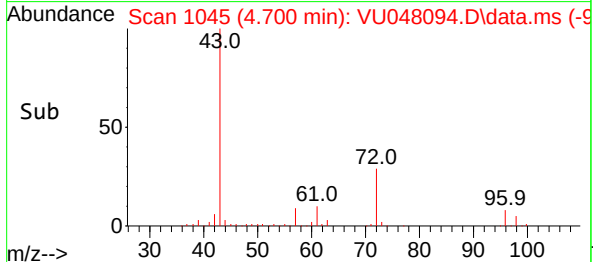
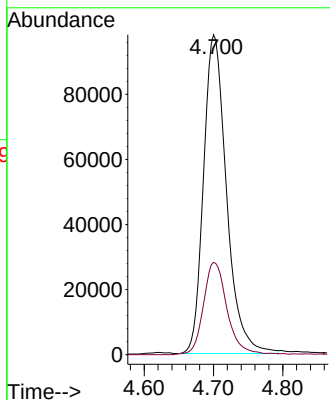
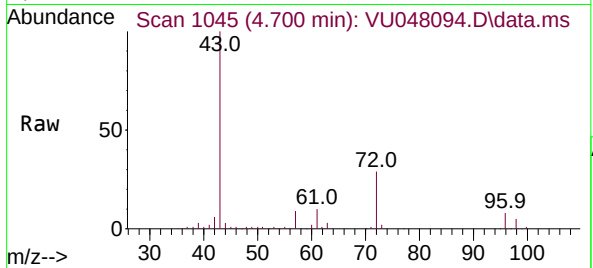




#22
2-Butanone
Concen: 92.707 ug/L
RT: 4.700 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VU048094.D
Acq: 15 Apr 2022 10:08

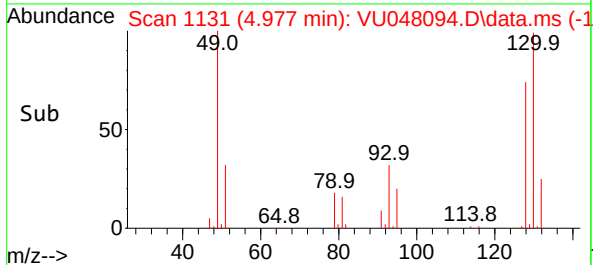
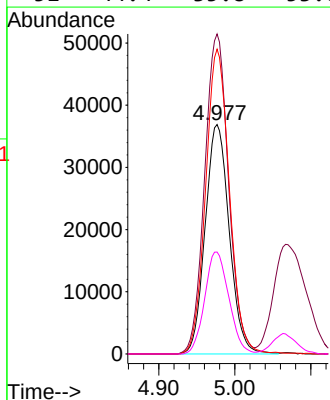
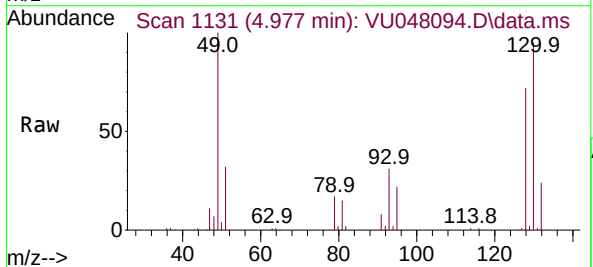
Instrument :
MSVOA_U
ClientSampleId :
VSTD050084

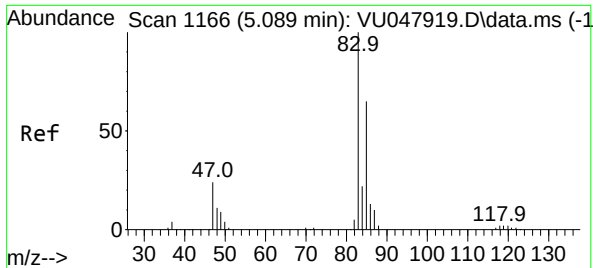
Tgt Ion: 43 Resp: 225806
Ion Ratio Lower Upper
43 100
72 29.5 16.0 47.9



#23
Bromochloromethane
Concen: 55.885 ug/L
RT: 4.977 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VU048094.D
Acq: 15 Apr 2022 10:08

Tgt Ion:128 Resp: 81245
Ion Ratio Lower Upper
128 100
49 139.5 94.1 174.8
130 132.8 90.2 167.4
51 44.4 35.8 53.6

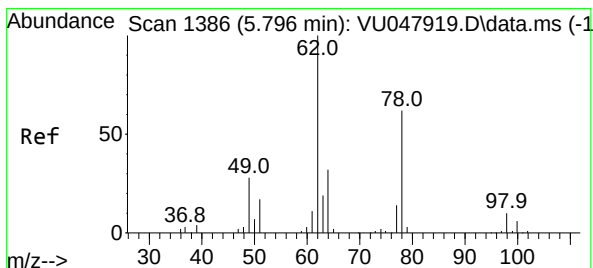
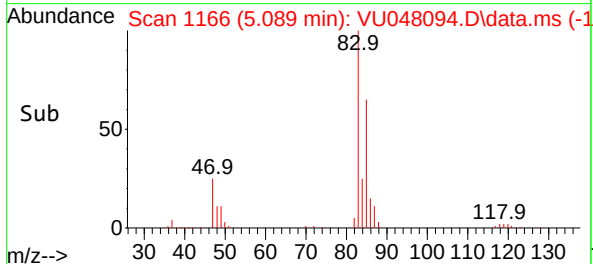
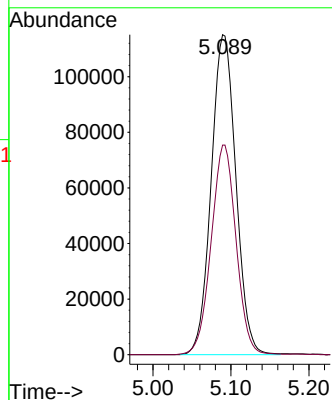
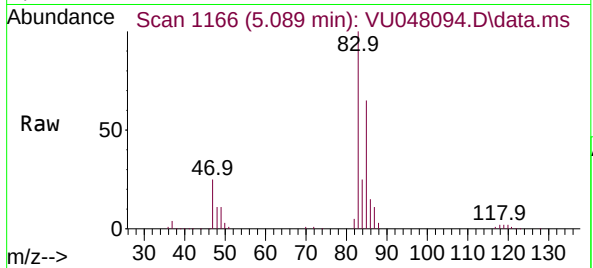




#25
Chloroform
Concen: 56.500 ug/L
RT: 5.089 min Scan# 1166
Delta R.T. -0.000 min
Lab File: VU048094.D
Acq: 15 Apr 2022 10:08

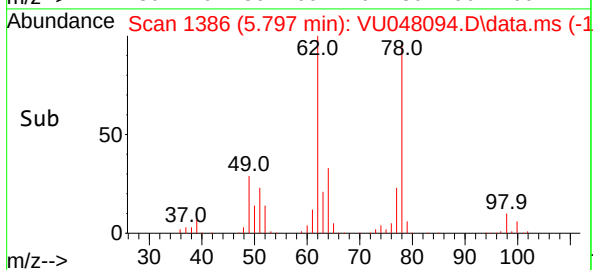
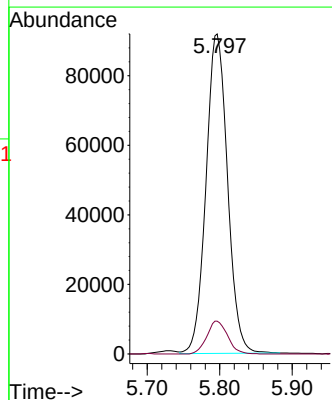
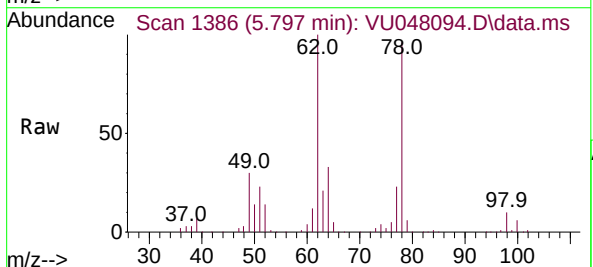
Instrument :
MSVOA_U
ClientSampleId :
VSTD050084

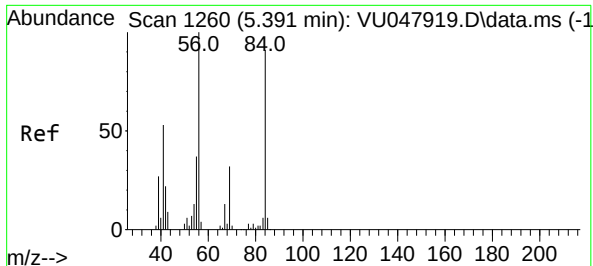
Tgt Ion: 83 Resp: 253378
Ion Ratio Lower Upper
83 100
85 65.5 46.2 85.8



#27
1,2-Dichloroethane
Concen: 54.668 ug/L
RT: 5.797 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VU048094.D
Acq: 15 Apr 2022 10:08

Tgt Ion: 62 Resp: 189411
Ion Ratio Lower Upper
62 100
98 10.3 7.4 11.0





#29

Cyclohexane

Concen: 53.465 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. -0.000 min

Lab File: VU048094.D

Acq: 15 Apr 2022 10:08

Instrument :

MSVOA_U

ClientSampleId :

VSTD050084

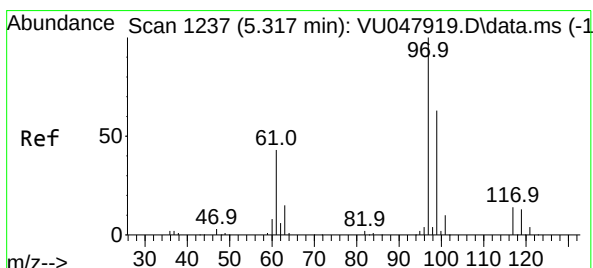
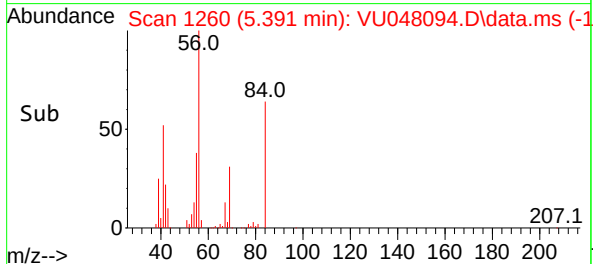
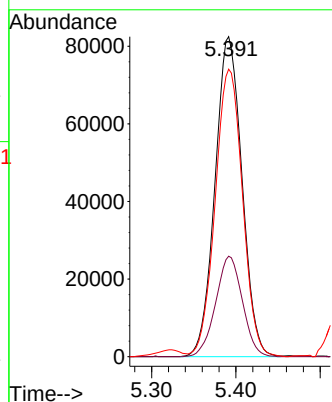
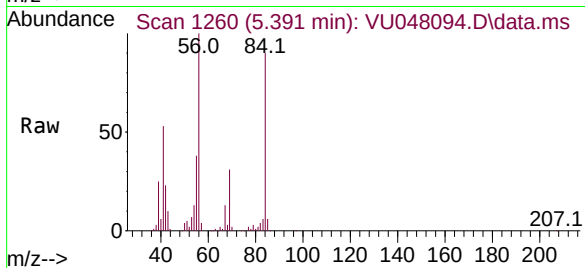
Tgt Ion: 56 Resp: 183163

Ion Ratio Lower Upper

56 100

69 31.1 25.4 38.2

84 91.1 77.0 115.6



#30

1,1,1-Trichloroethane

Concen: 54.538 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. 0.003 min

Lab File: VU048094.D

Acq: 15 Apr 2022 10:08

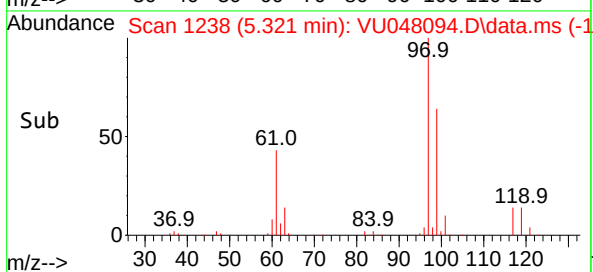
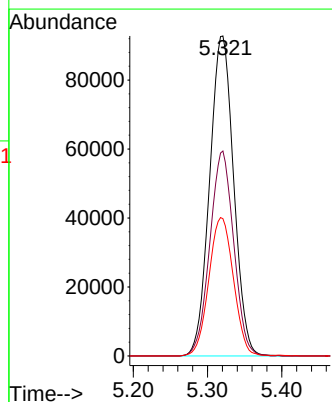
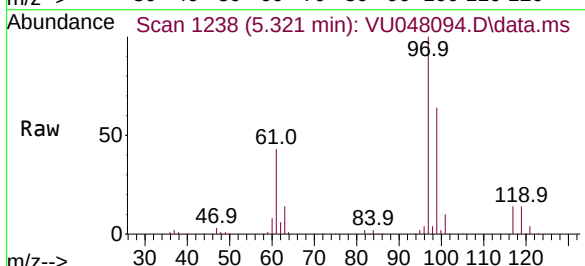
Tgt Ion: 97 Resp: 208779

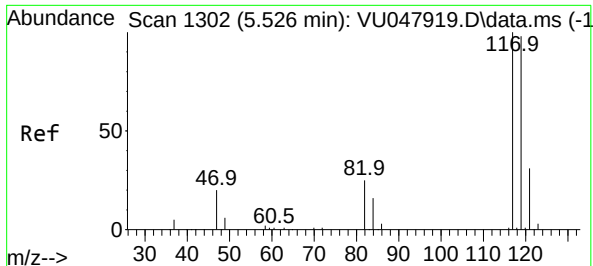
Ion Ratio Lower Upper

97 100

99 63.7 51.6 77.4

61 44.3 34.2 51.4

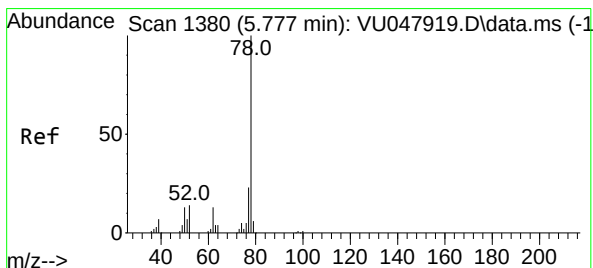
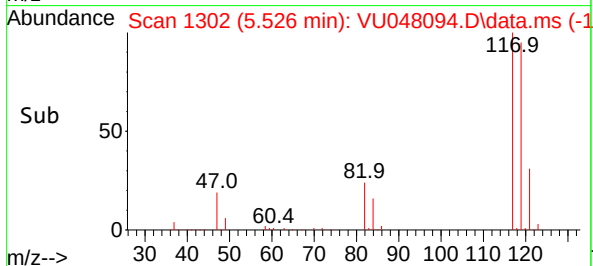
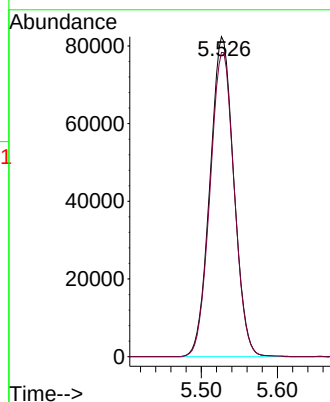
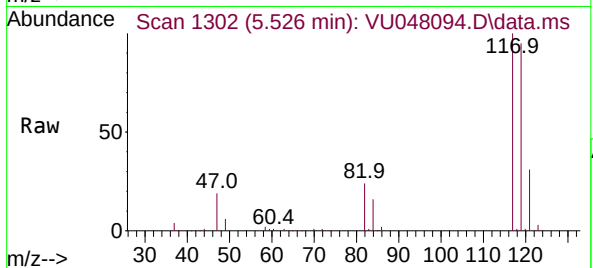




#31
Carbon tetrachloride
Concen: 51.973 ug/L
RT: 5.526 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU048094.D
Acq: 15 Apr 2022 10:08

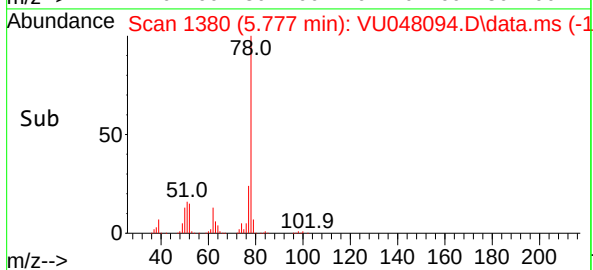
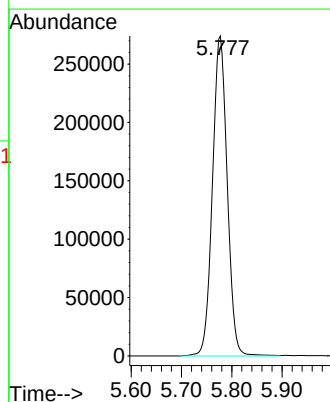
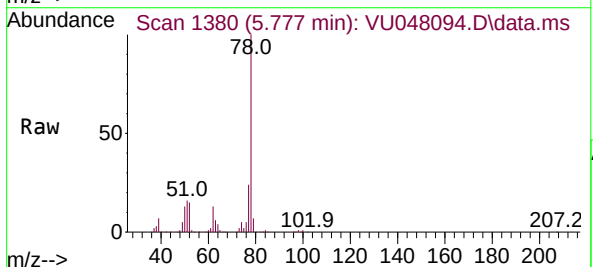
Instrument :
MSVOA_U
ClientSampleId :
VSTD050084

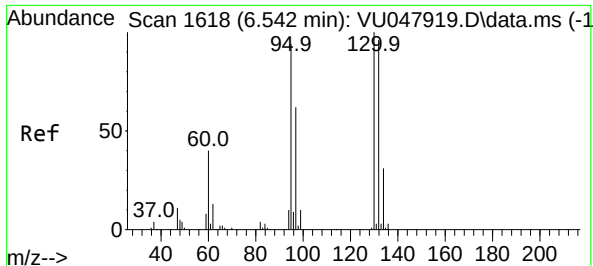
Tgt Ion:117 Resp: 179661
Ion Ratio Lower Upper
117 100
119 96.2 77.2 115.8



#33
Benzene
Concen: 57.177 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU048094.D
Acq: 15 Apr 2022 10:08

Tgt Ion: 78 Resp: 558748

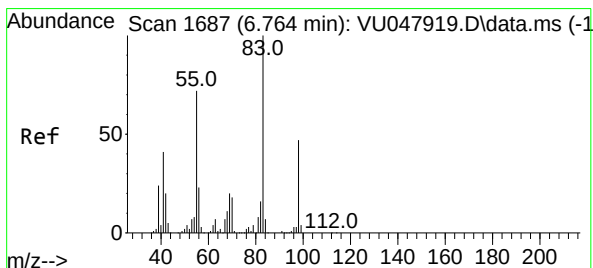
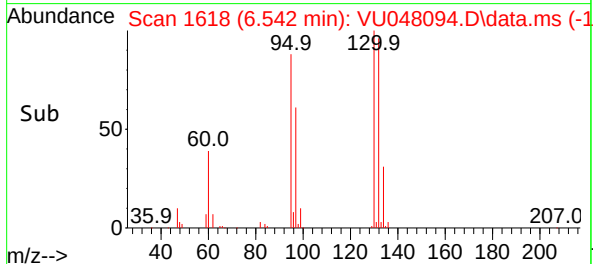
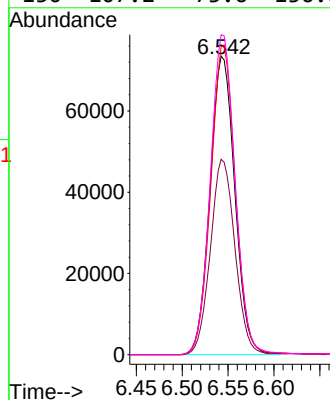
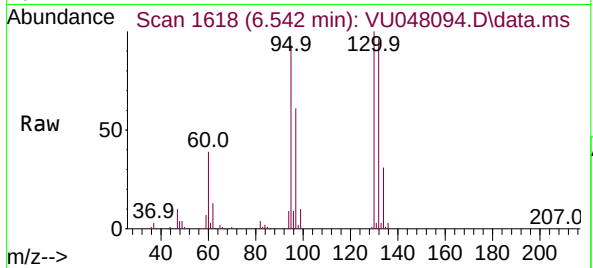




#34
Trichloroethene
Concen: 54.092 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU048094.D
Acq: 15 Apr 2022 10:08

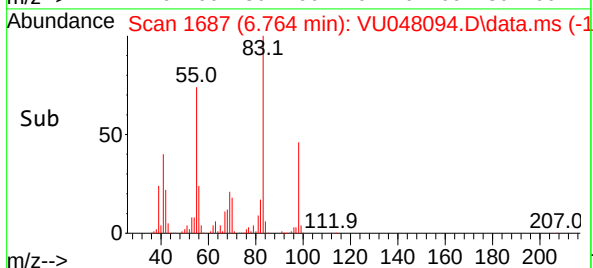
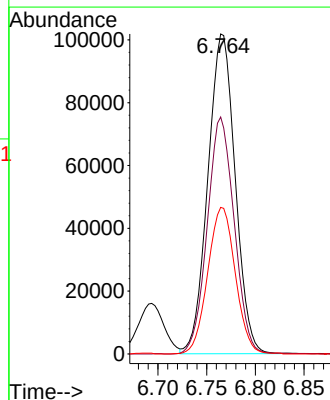
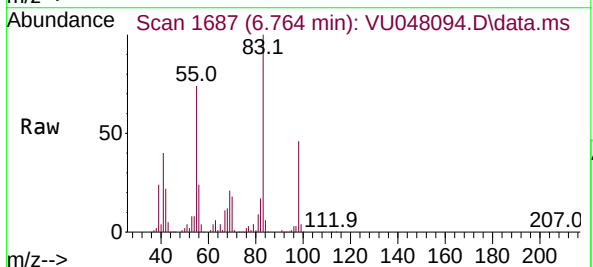
Instrument :
MSVOA_U
ClientSampleId :
VSTD050084

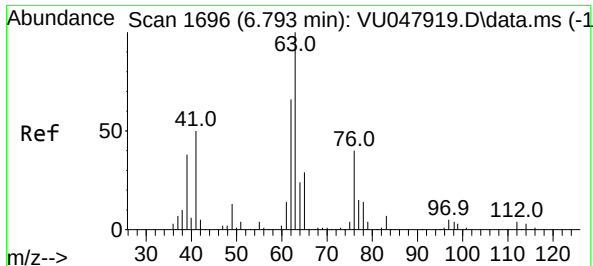
Tgt Ion: 95 Resp: 138584
Ion Ratio Lower Upper
95 100
97 65.4 44.7 82.9
132 103.2 70.4 130.8
130 107.2 73.6 136.8



#35
Methylcyclohexane
Concen: 50.939 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VU048094.D
Acq: 15 Apr 2022 10:08

Tgt Ion: 83 Resp: 198541
Ion Ratio Lower Upper
83 100
55 73.1 56.8 85.2
98 46.2 38.1 57.1





#37

1,2-Dichloropropane

Concen: 59.564 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU048094.D

Acq: 15 Apr 2022 10:08

Instrument :

MSVOA_U

ClientSampleId :

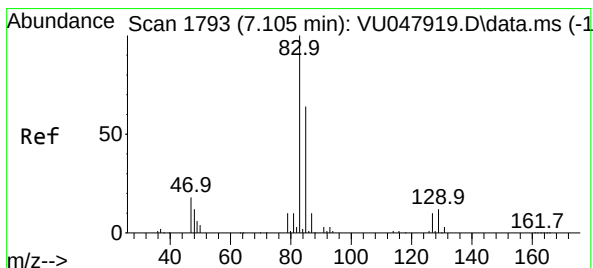
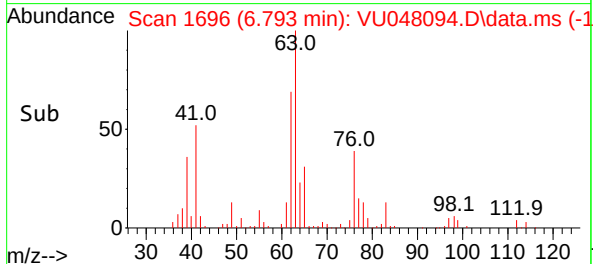
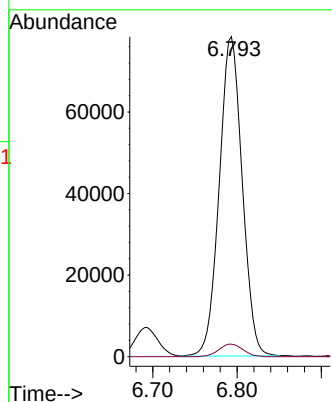
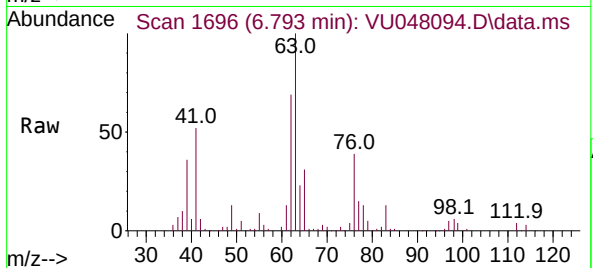
VSTD050084

Tgt Ion: 63 Resp: 147972

Ion Ratio Lower Upper

63 100

112 4.2 3.4 5.2



#38

Bromodichloromethane

Concen: 55.536 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.003 min

Lab File: VU048094.D

Acq: 15 Apr 2022 10:08

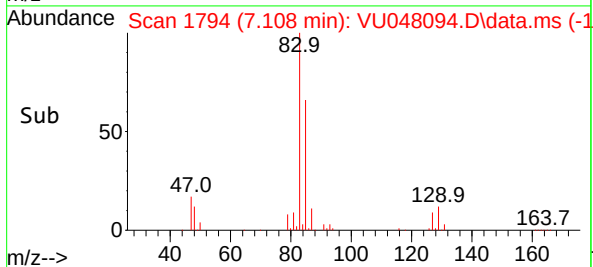
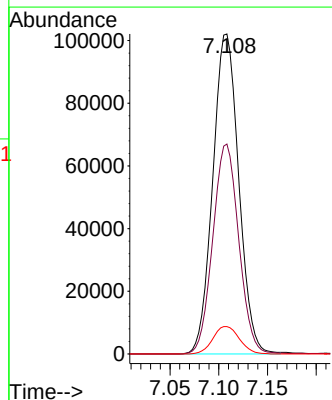
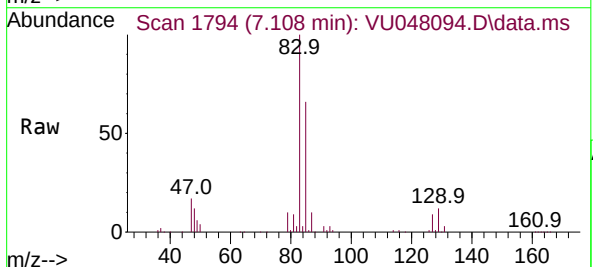
Tgt Ion: 83 Resp: 189457

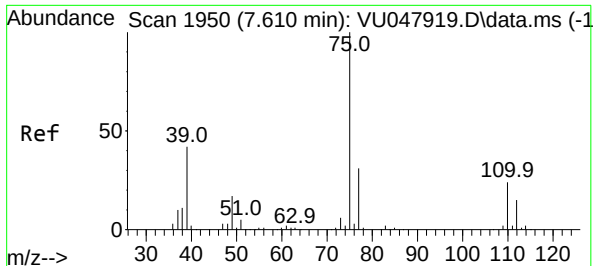
Ion Ratio Lower Upper

83 100

85 65.6 44.4 82.4

127 8.5 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 50.824 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU048094.D

Acq: 15 Apr 2022 10:08

Instrument :

MSVOA_U

ClientSampleId :

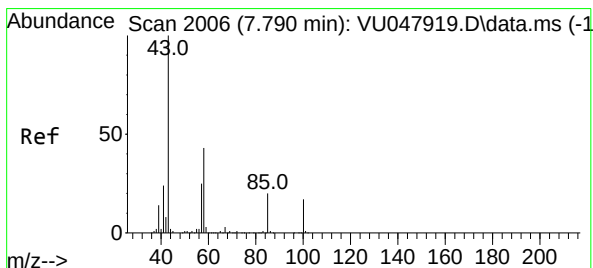
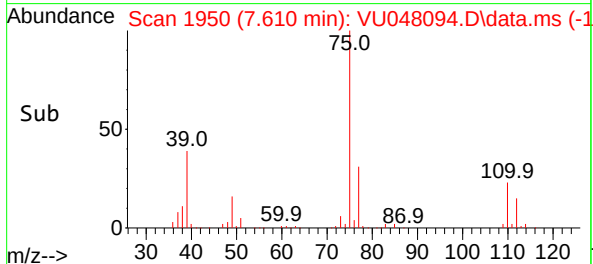
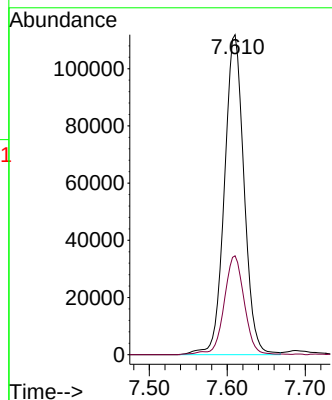
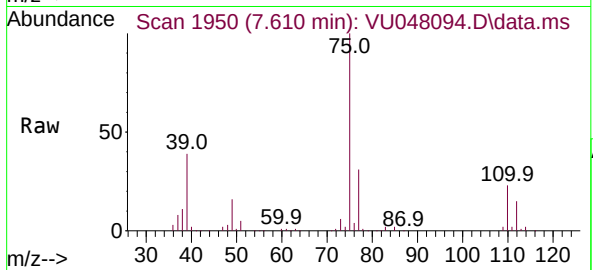
VSTD050084

Tgt Ion: 75 Resp: 195910

Ion Ratio Lower Upper

75 100

77 30.9 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 107.074 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VU048094.D

Acq: 15 Apr 2022 10:08

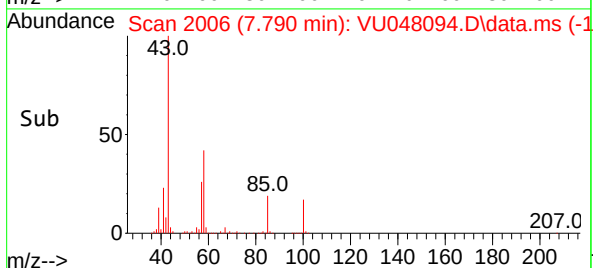
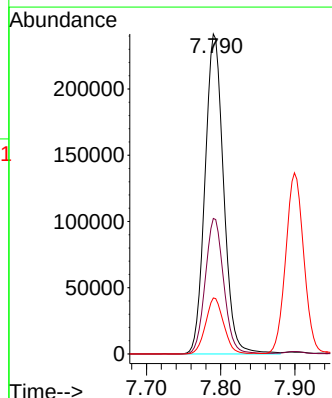
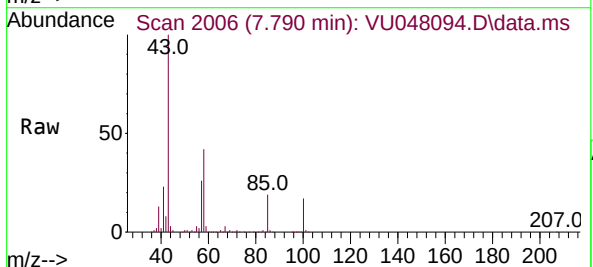
Tgt Ion: 43 Resp: 420409

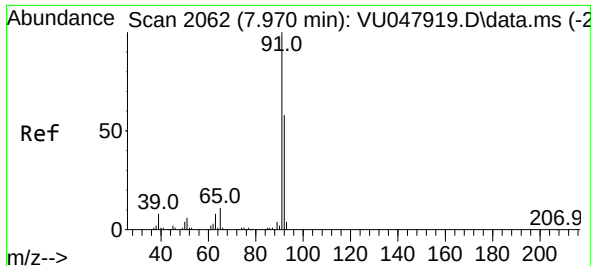
Ion Ratio Lower Upper

43 100

58 42.1 34.7 52.1

100 17.0 14.2 21.2





#42

Toluene

Concen: 55.931 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU048094.D

Acq: 15 Apr 2022 10:08

Instrument :

MSVOA_U

ClientSampleId :

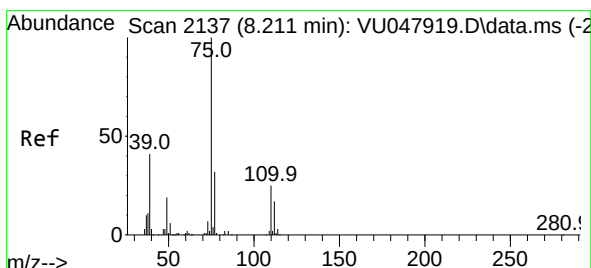
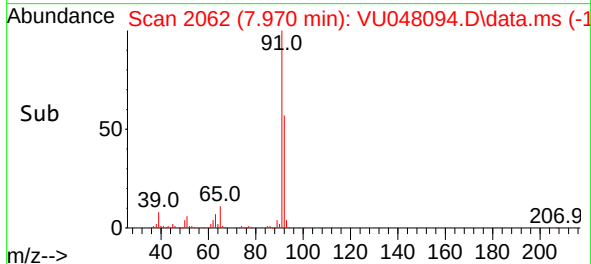
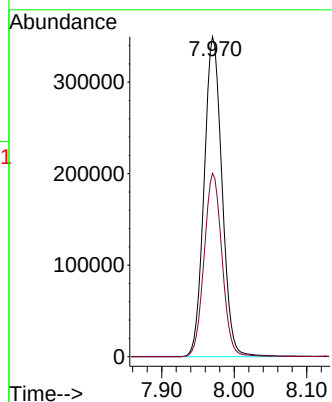
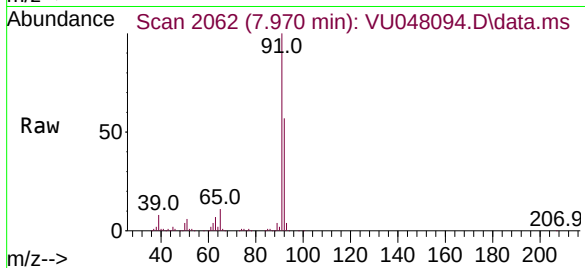
VSTD050084

Tgt Ion: 91 Resp: 599726

Ion Ratio Lower Upper

91 100

92 57.3 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 48.723 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU048094.D

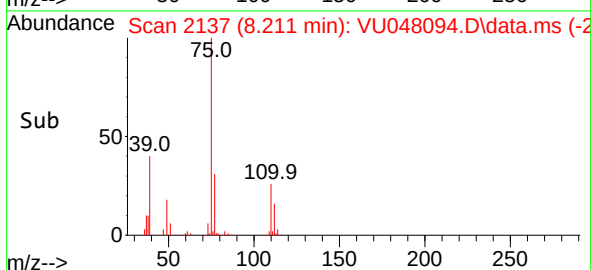
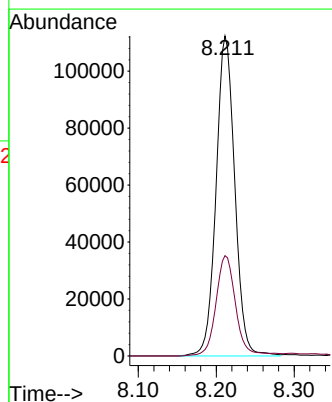
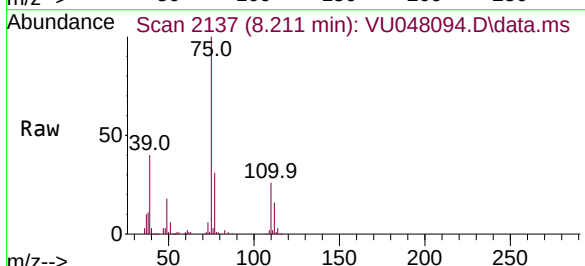
Acq: 15 Apr 2022 10:08

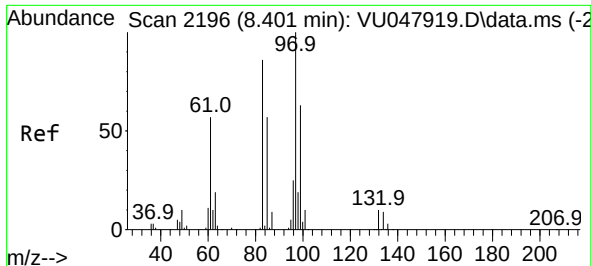
Tgt Ion: 75 Resp: 187520

Ion Ratio Lower Upper

75 100

77 31.4 22.0 40.8

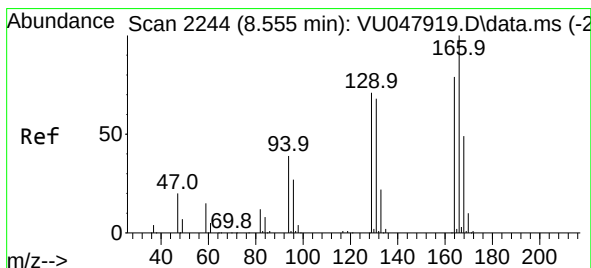
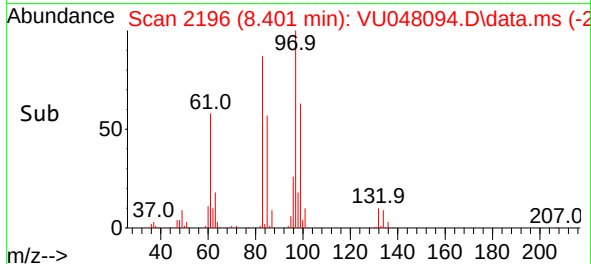
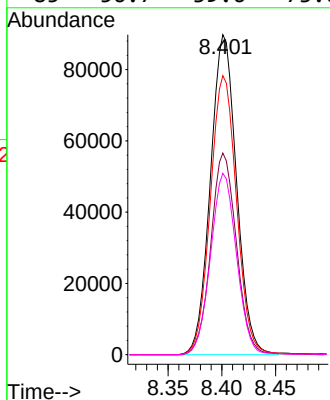
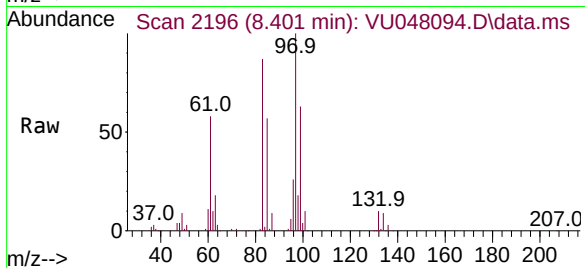




#45
1,1,2-Trichloroethane
Concen: 57.554 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU048094.D
Acq: 15 Apr 2022 10:08

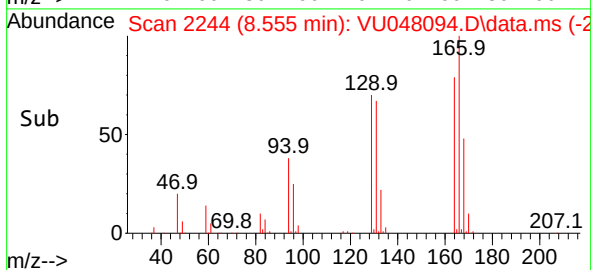
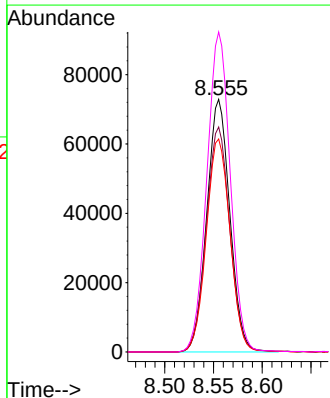
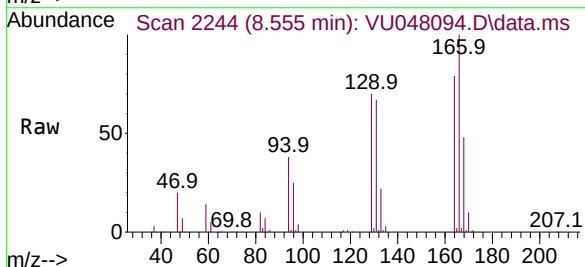
Instrument :
MSVOA_U
ClientSampleId :
VSTD050084

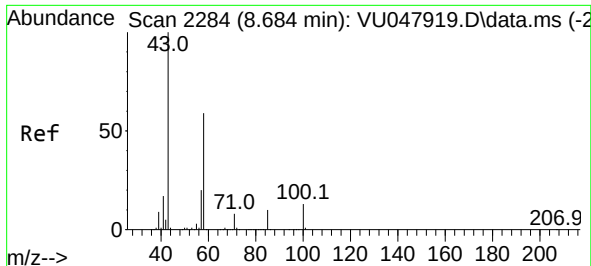
Tgt Ion:	97	Resp:	151638
Ion	Ratio	Lower	Upper
97	100		
99	63.0	43.3	80.3
83	87.2	61.0	113.4
85	56.7	39.6	73.6



#46
Tetrachloroethene
Concen: 52.215 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU048094.D
Acq: 15 Apr 2022 10:08

Tgt Ion:	164	Resp:	120215
Ion	Ratio	Lower	Upper
164	100		
129	89.0	62.4	116.0
131	84.3	60.7	112.7
166	126.7	89.0	165.4

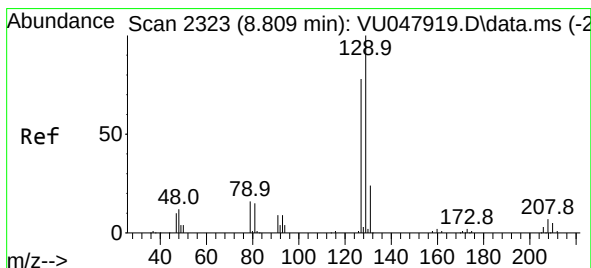
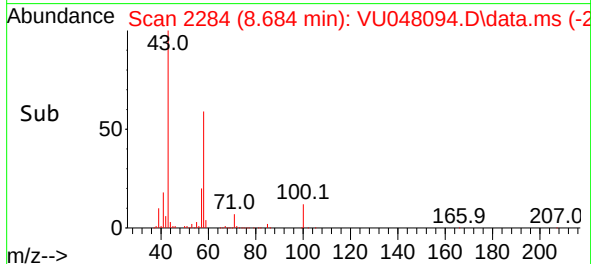
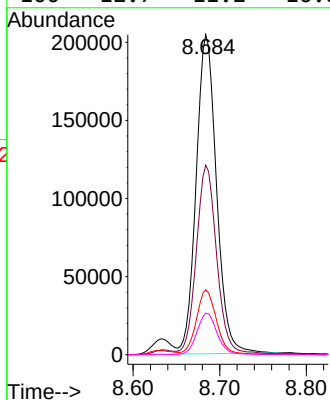
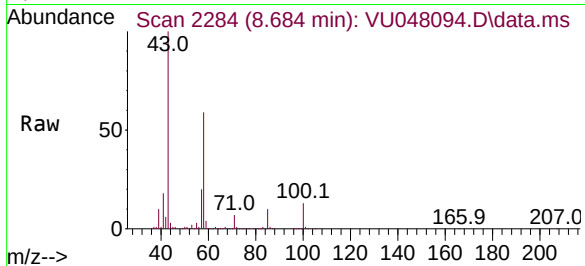




#48
2-Hexanone
Concen: 98.788 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048094.D
Acq: 15 Apr 2022 10:08

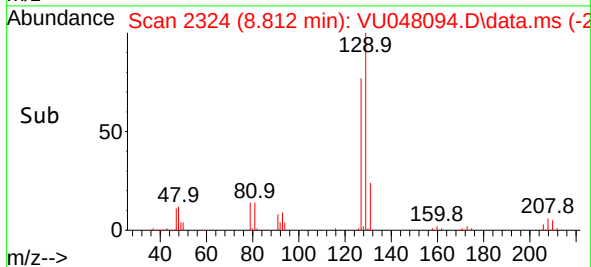
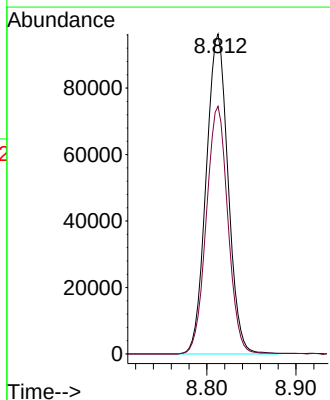
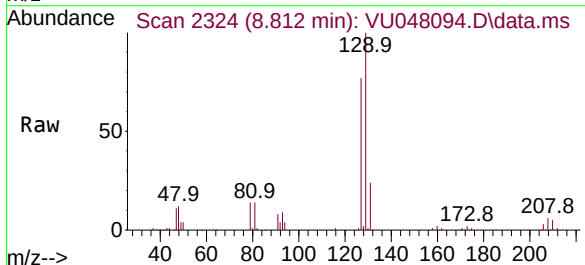
Instrument :
MSVOA_U
ClientSampleId :
VSTD050084

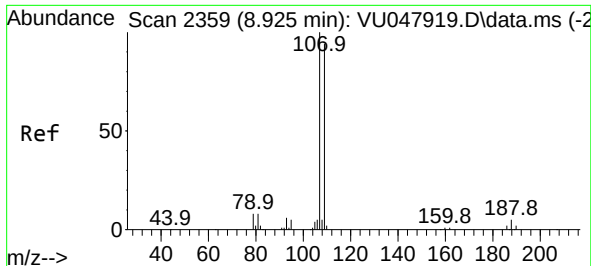
Tgt Ion: 43 Resp: 333644
Ion Ratio Lower Upper
43 100
58 59.2 48.1 72.1
57 20.1 16.2 24.4
100 12.7 11.2 16.8



#49
Dibromochloromethane
Concen: 53.842 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. 0.003 min
Lab File: VU048094.D
Acq: 15 Apr 2022 10:08

Tgt Ion: 129 Resp: 164306
Ion Ratio Lower Upper
129 100
127 77.4 54.2 100.6





#50

1,2-Dibromoethane

Concen: 55.108 ug/L

RT: 8.925 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU048094.D

Acq: 15 Apr 2022 10:08

Instrument :

MSVOA_U

ClientSampleId :

VSTD050084

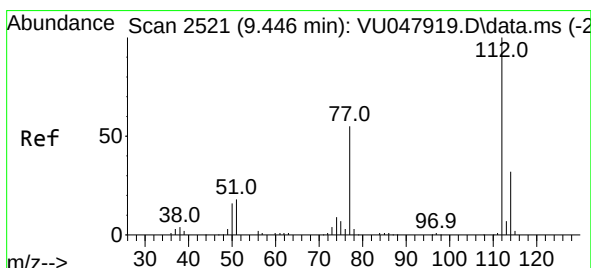
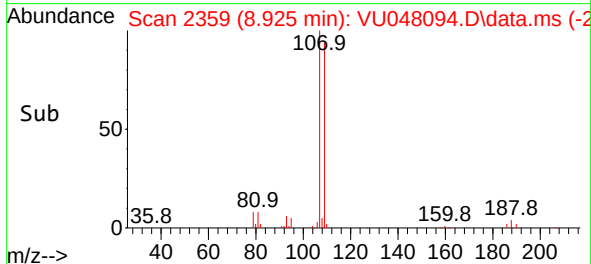
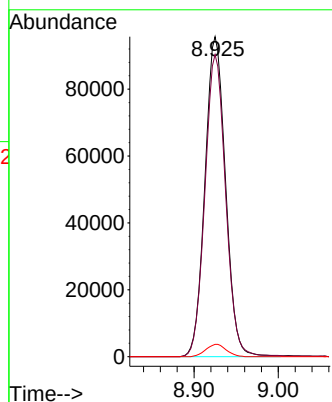
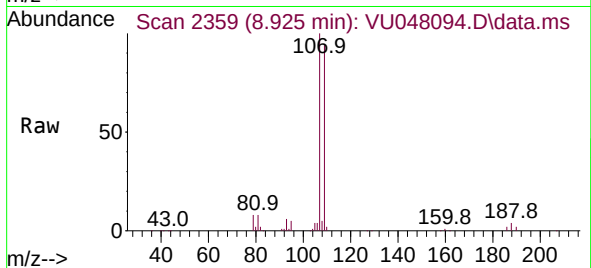
Tgt Ion:107 Resp: 162774

Ion Ratio Lower Upper

107 100

109 94.4 66.6 123.6

188 3.8 3.4 5.2



#51

Chlorobenzene

Concen: 56.956 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. 0.003 min

Lab File: VU048094.D

Acq: 15 Apr 2022 10:08

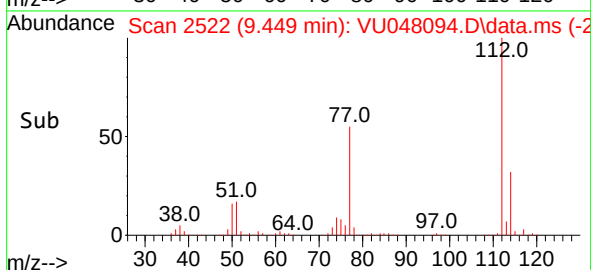
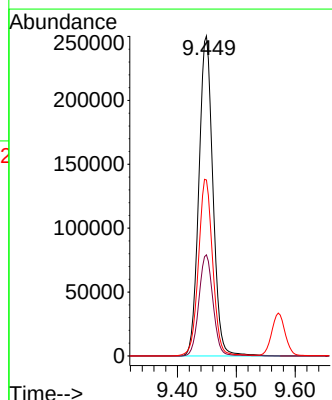
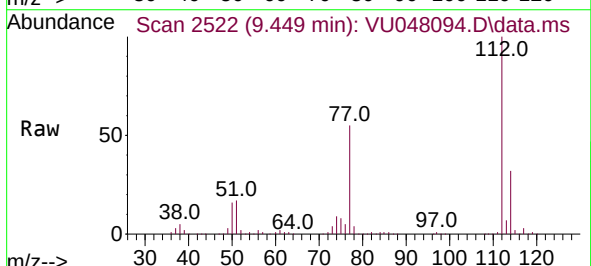
Tgt Ion:112 Resp: 414667

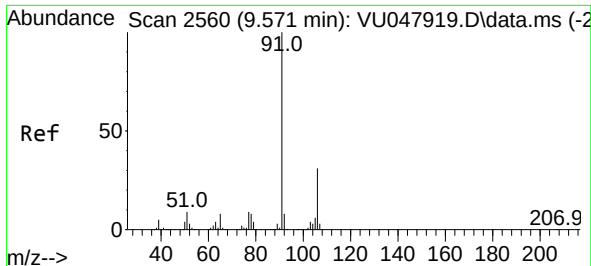
Ion Ratio Lower Upper

112 100

114 31.6 22.1 41.1

77 55.0 43.4 65.0

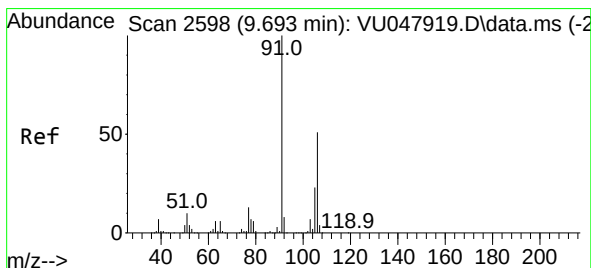
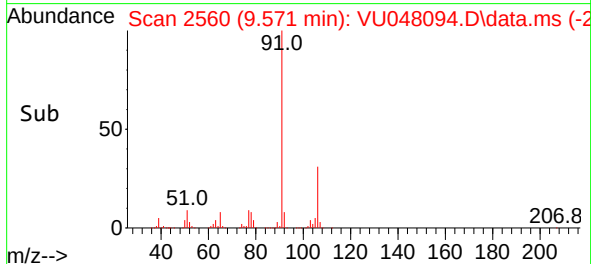
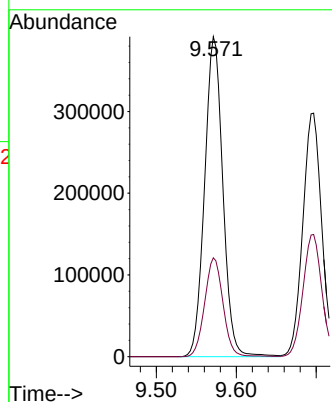
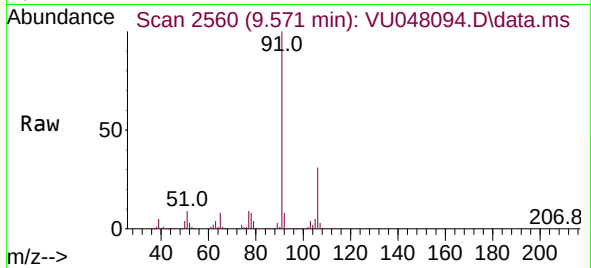




#52
Ethylbenzene
Concen: 55.209 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU048094.D
Acq: 15 Apr 2022 10:08

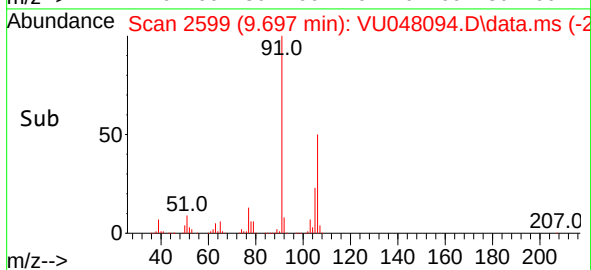
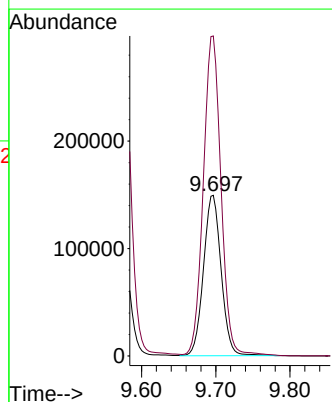
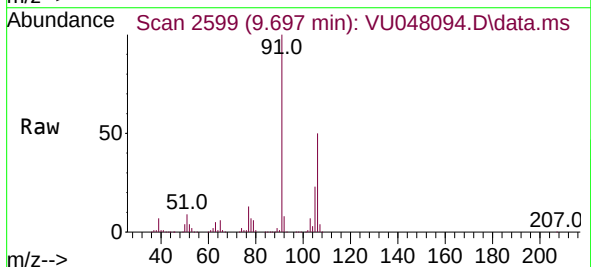
Instrument :
MSVOA_U
ClientSampleId :
VSTD050084

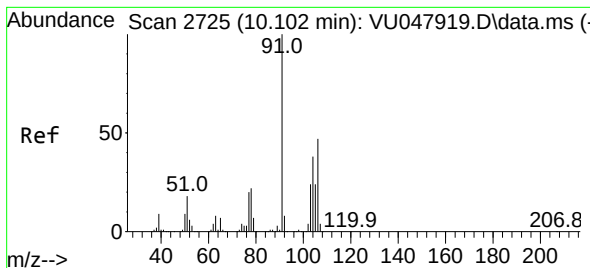
Tgt Ion: 91 Resp: 622448
Ion Ratio Lower Upper
91 100
106 30.9 22.4 41.6



#53
m,p-Xylene
Concen: 55.761 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.003 min
Lab File: VU048094.D
Acq: 15 Apr 2022 10:08

Tgt Ion: 106 Resp: 246675
Ion Ratio Lower Upper
106 100
91 199.3 137.7 255.7





#54

o-Xylene

Concen: 55.656 ug/L

RT: 10.102 min Scan# 2725

Delta R.T. -0.000 min

Lab File: VU048094.D

Acq: 15 Apr 2022 10:08

Instrument :

MSVOA_U

ClientSampleId :

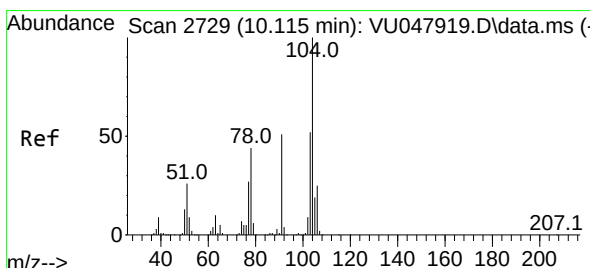
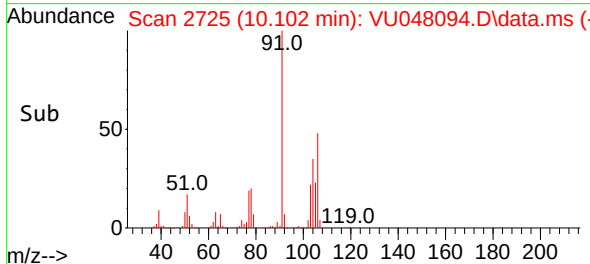
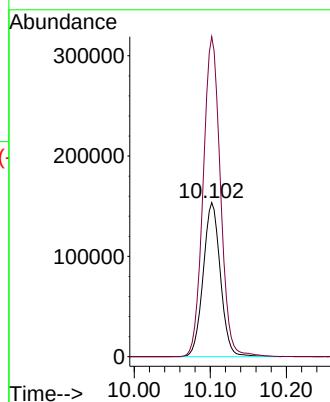
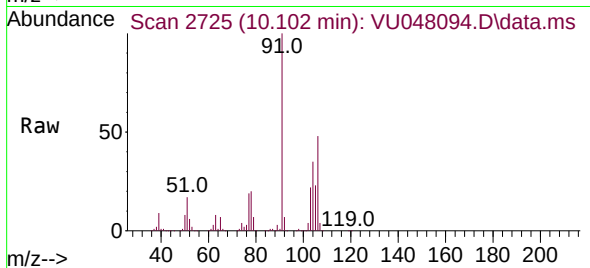
VSTD050084

Tgt Ion:106 Resp: 241650

Ion Ratio Lower Upper

106 100

91 207.6 146.7 272.5



#55

Styrene

Concen: 57.131 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. -0.000 min

Lab File: VU048094.D

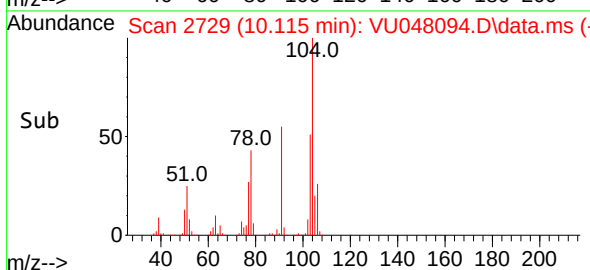
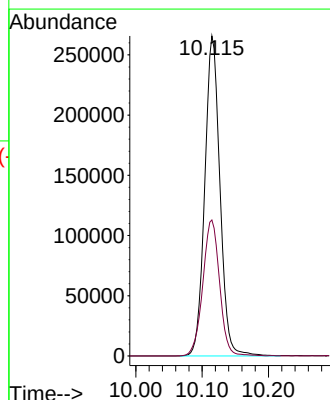
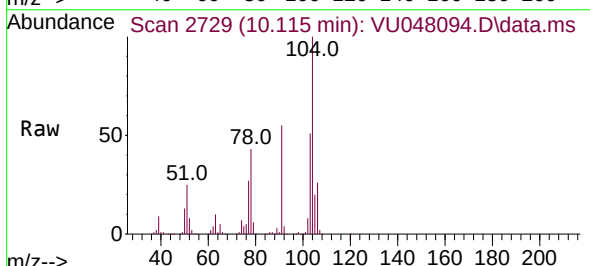
Acq: 15 Apr 2022 10:08

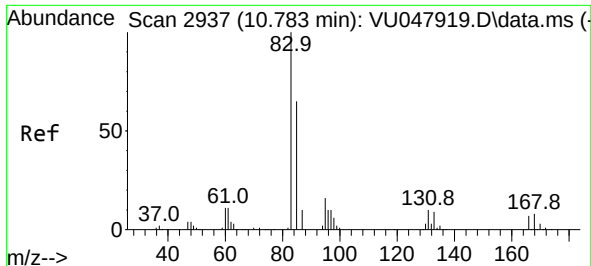
Tgt Ion:104 Resp: 423505

Ion Ratio Lower Upper

104 100

78 42.5 30.4 56.4

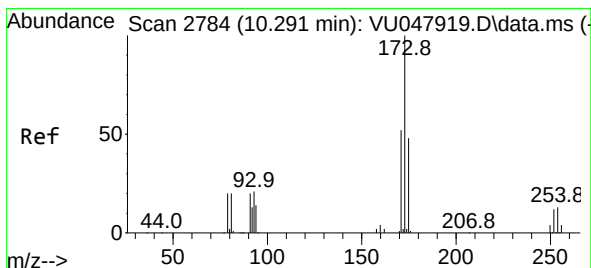
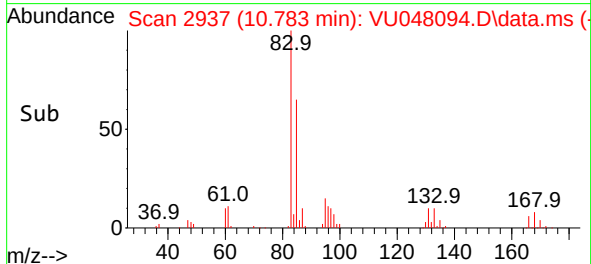
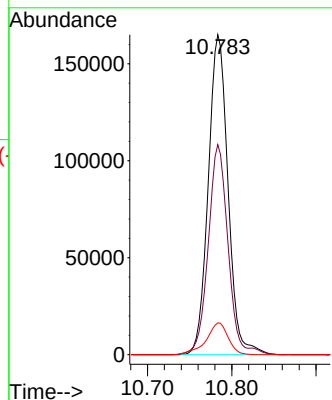
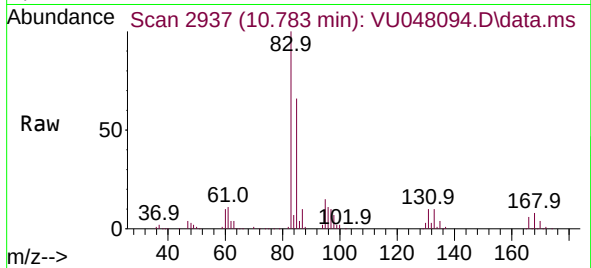




#57
1,1,2,2-Tetrachloroethane
Concen: 54.480 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU048094.D
Acq: 15 Apr 2022 10:08

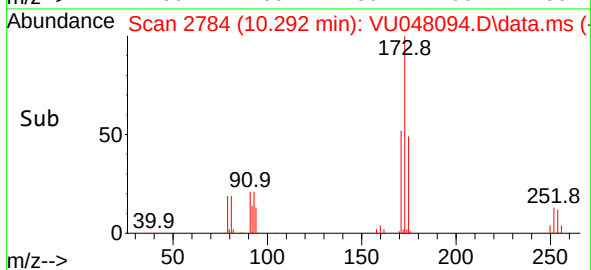
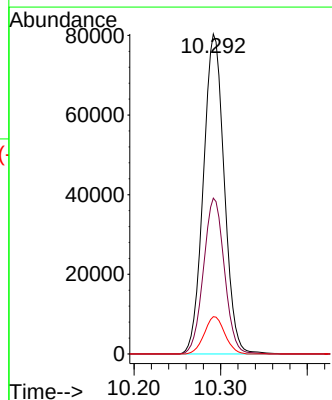
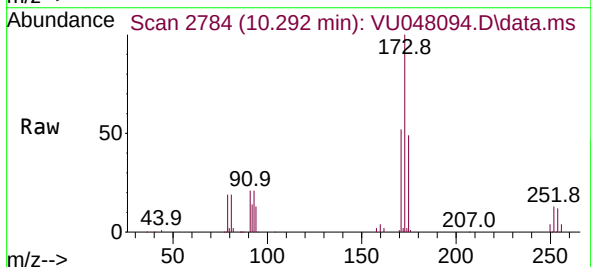
Instrument :
MSVOA_U
ClientSampleId :
VSTD050084

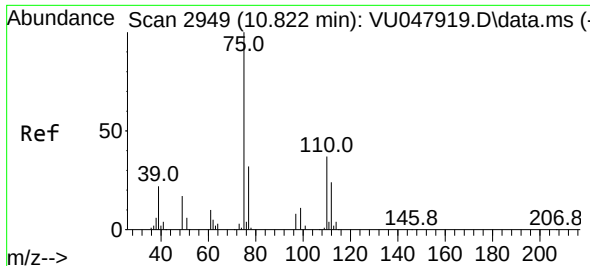
Tgt Ion: 83 Resp: 269096
Ion Ratio Lower Upper
83 100
85 65.7 44.9 83.3
131 10.0 8.6 13.0



#59
Bromoform
Concen: 52.044 ug/L
RT: 10.292 min Scan# 2784
Delta R.T. -0.000 min
Lab File: VU048094.D
Acq: 15 Apr 2022 10:08

Tgt Ion:173 Resp: 134382
Ion Ratio Lower Upper
173 100
175 48.9 38.7 58.1
254 11.5 9.6 14.4

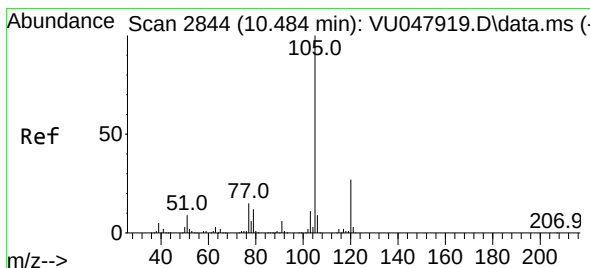
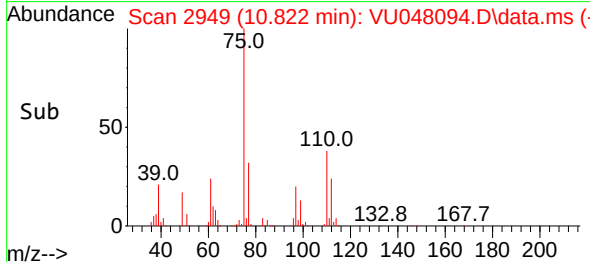
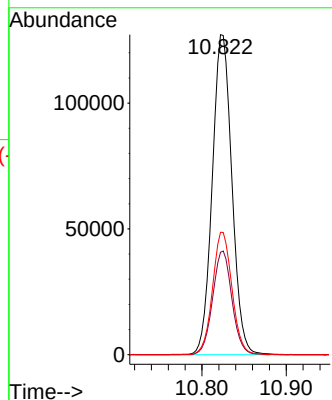
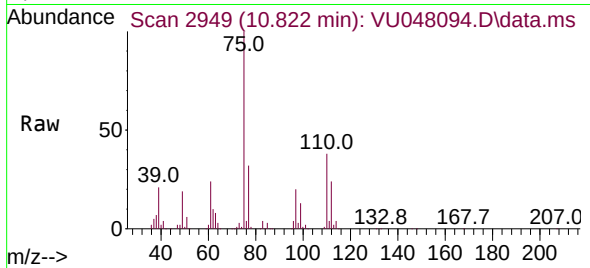




#60
1,2,3-Trichloropropane
Concen: 54.052 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU048094.D
Acq: 15 Apr 2022 10:08

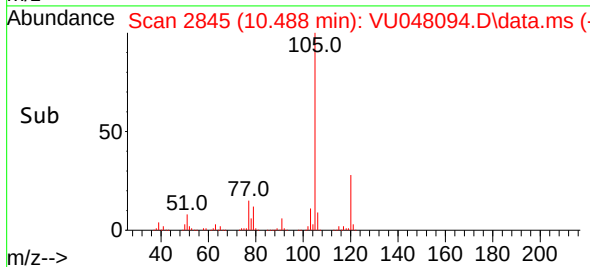
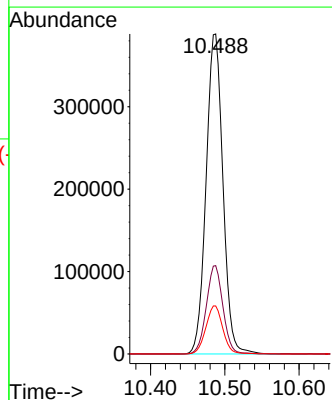
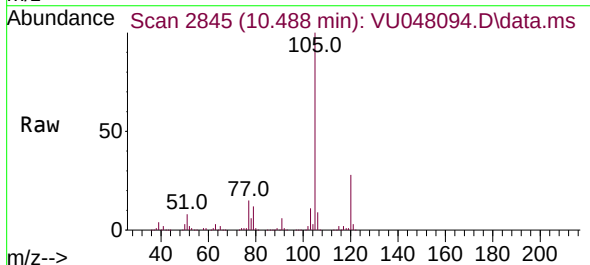
Instrument :
MSVOA_U
ClientSampleId :
VSTD050084

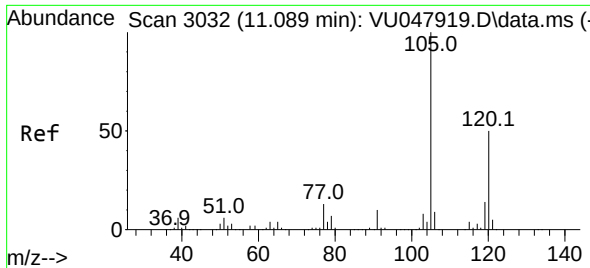
Tgt Ion: 75 Resp: 205759
Ion Ratio Lower Upper
75 100
77 31.7 26.0 39.0
110 37.8 31.4 47.2



#61
Isopropylbenzene
Concen: 55.873 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.003 min
Lab File: VU048094.D
Acq: 15 Apr 2022 10:08

Tgt Ion: 105 Resp: 609750
Ion Ratio Lower Upper
105 100
120 27.3 21.9 32.9
77 15.2 12.1 18.1

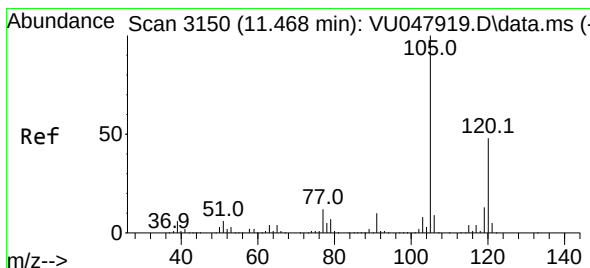
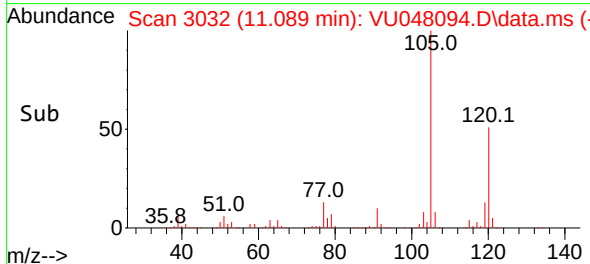
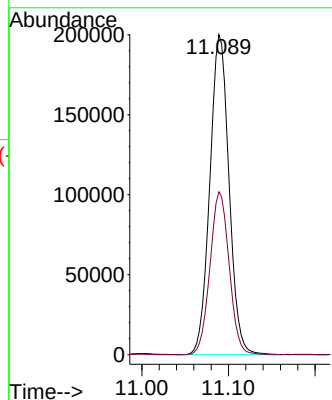
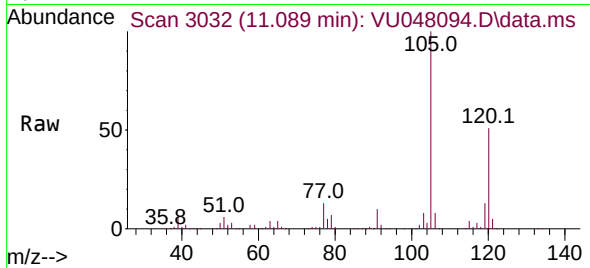




#62
 1,3,5-Trimethylbenzene
 Concen: 51.948 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. -0.000 min
 Lab File: VU048094.D
 Acq: 15 Apr 2022 10:08

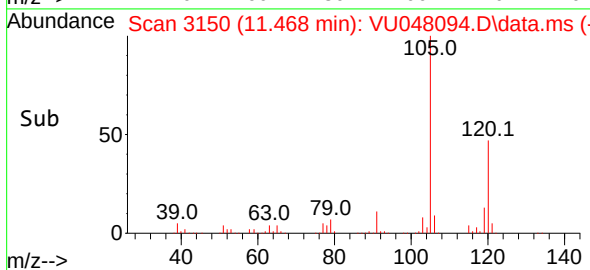
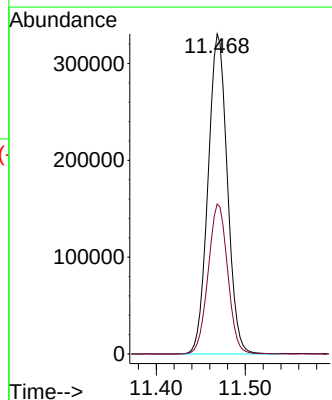
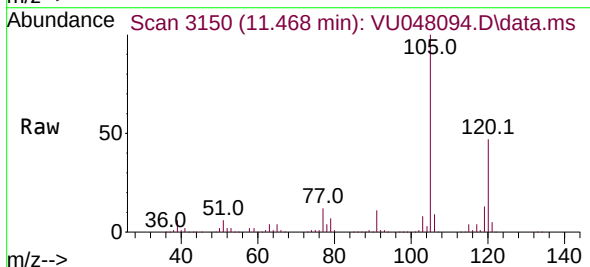
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050084

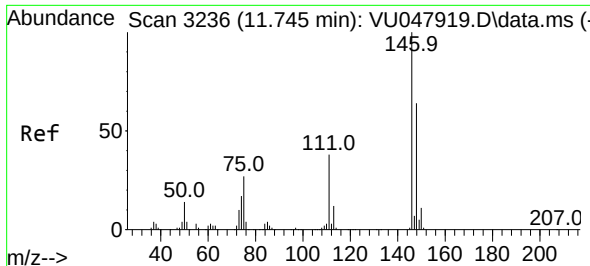
Tgt Ion:105 Resp: 307594
 Ion Ratio Lower Upper
 105 100
 120 50.9 40.8 61.2



#63
 1,2,4-Trimethylbenzene
 Concen: 55.169 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. -0.000 min
 Lab File: VU048094.D
 Acq: 15 Apr 2022 10:08

Tgt Ion:105 Resp: 496199
 Ion Ratio Lower Upper
 105 100
 120 47.4 37.6 56.4

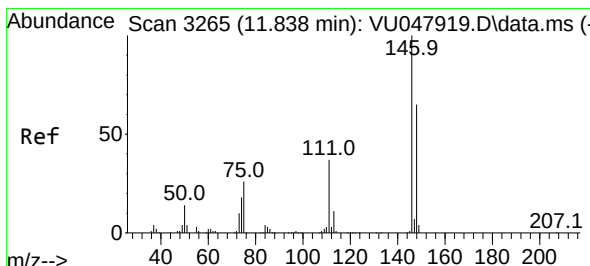
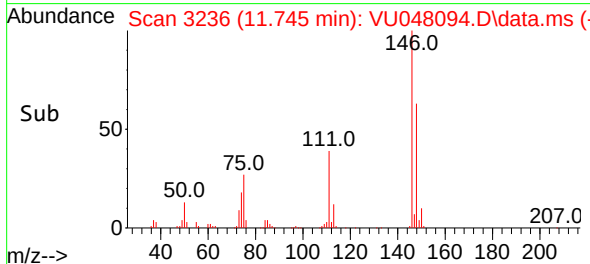
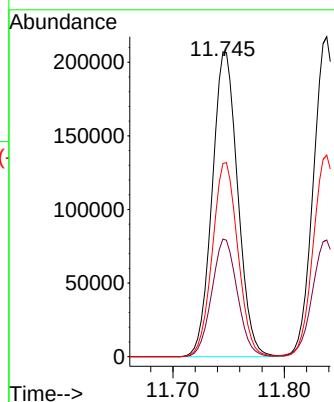
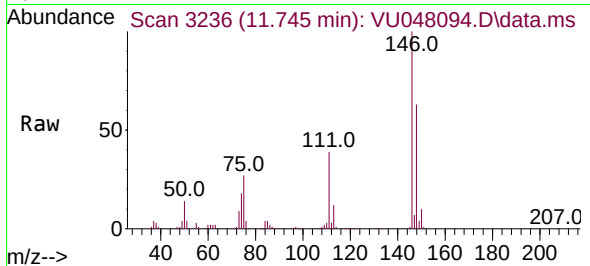




#64
1,3-Dichlorobenzene
Concen: 54.568 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU048094.D
Acq: 15 Apr 2022 10:08

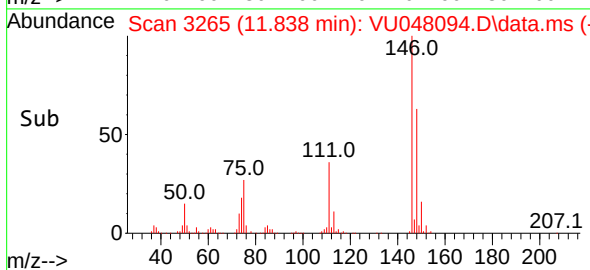
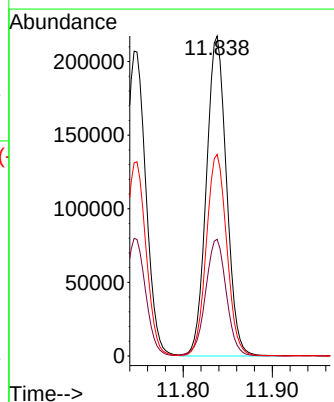
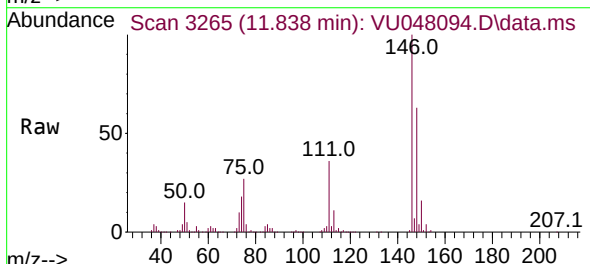
Instrument :
MSVOA_U
ClientSampleId :
VSTD050084

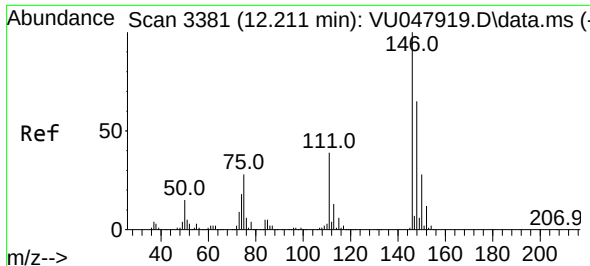
Tgt Ion:146 Resp: 330995
Ion Ratio Lower Upper
146 100
111 38.6 26.7 49.7
148 63.4 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 54.267 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU048094.D
Acq: 15 Apr 2022 10:08

Tgt Ion:146 Resp: 340953
Ion Ratio Lower Upper
146 100
111 36.5 25.3 47.1
148 63.0 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 55.540 ug/L

RT: 12.214 min Scan# 3381

Delta R.T. -0.000 min

Lab File: VU048094.D

Acq: 15 Apr 2022 10:08

Instrument :

MSVOA_U

ClientSampleId :

VSTD050084

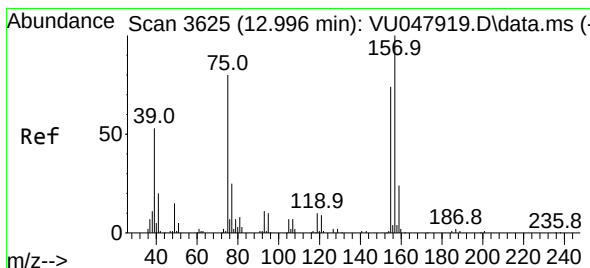
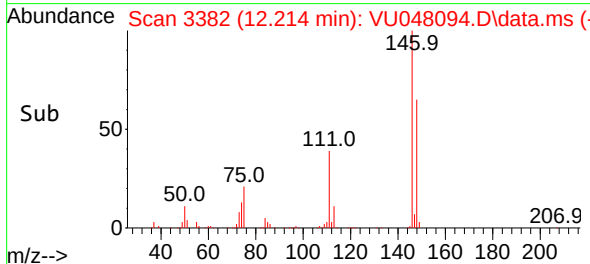
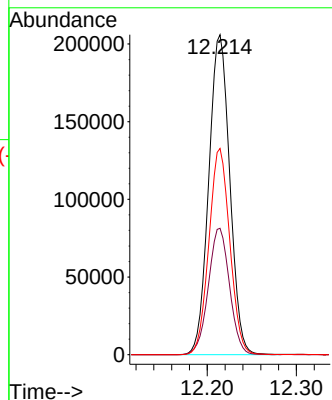
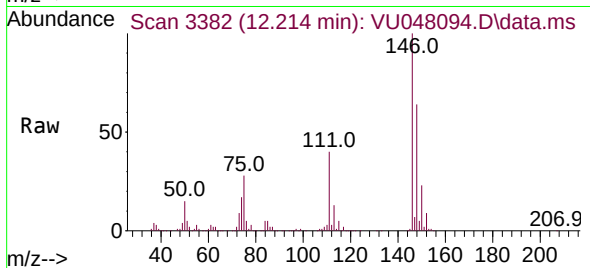
Tgt Ion:146 Resp: 337089

Ion Ratio Lower Upper

146 100

111 39.5 31.7 47.5

148 64.4 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 49.291 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. 0.003 min

Lab File: VU048094.D

Acq: 15 Apr 2022 10:08

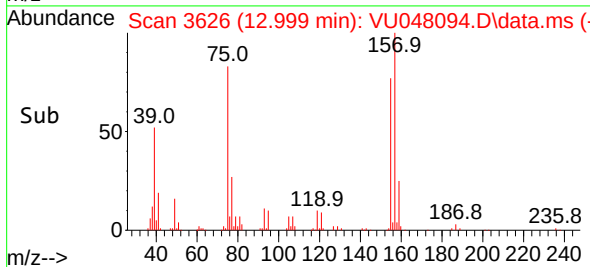
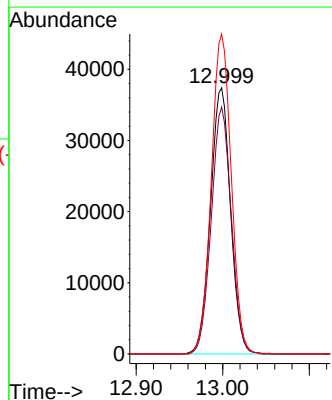
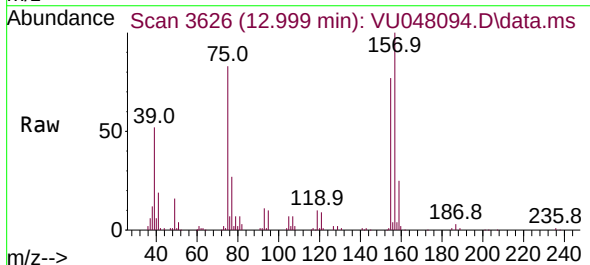
Tgt Ion: 75 Resp: 60104

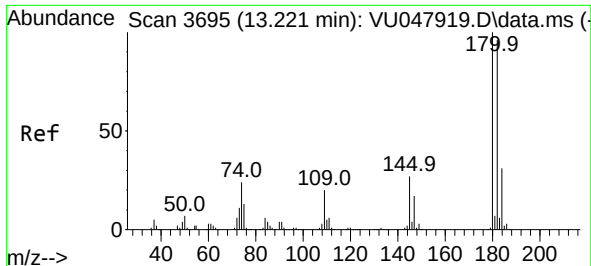
Ion Ratio Lower Upper

75 100

155 92.8 78.9 118.3

157 120.3 97.5 146.3

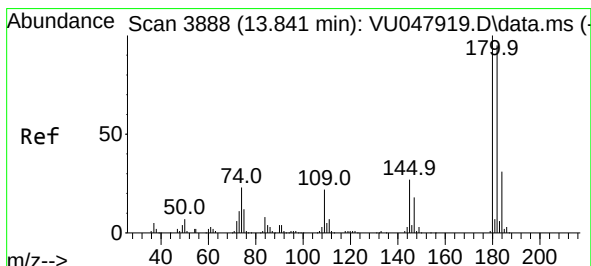
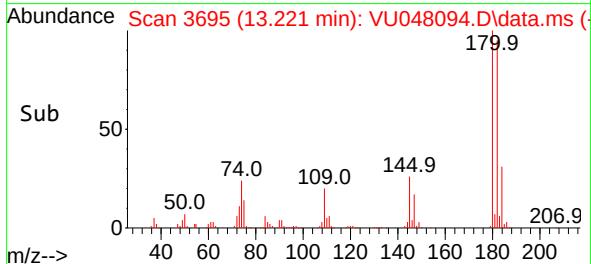
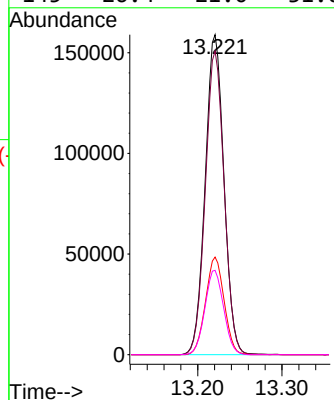
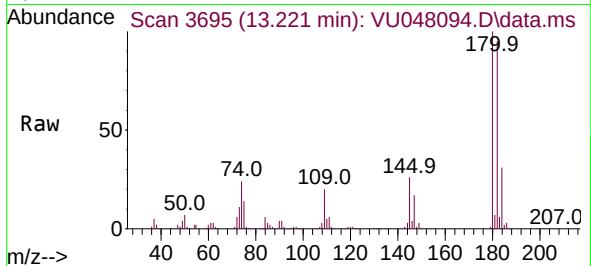




#69
 1,3,5-Trichlorobenzene
 Concen: 50.004 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. -0.000 min
 Lab File: VU048094.D
 Acq: 15 Apr 2022 10:08

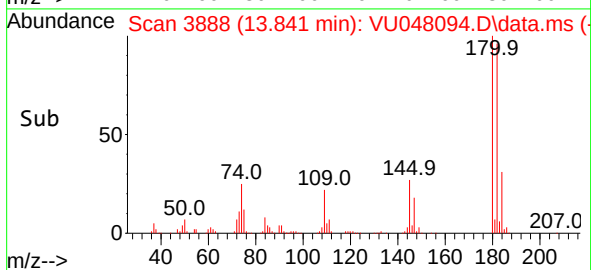
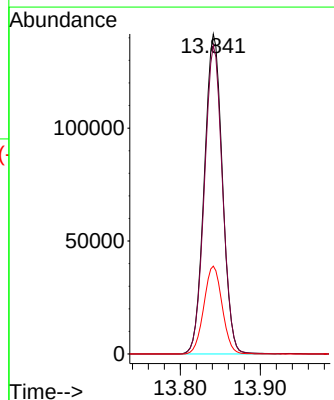
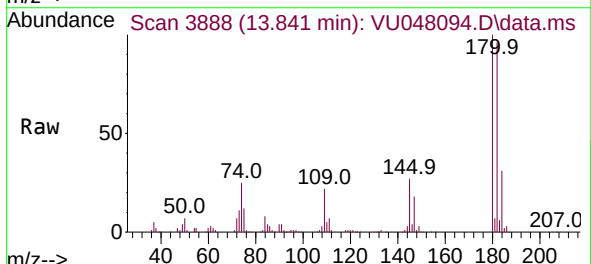
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050084

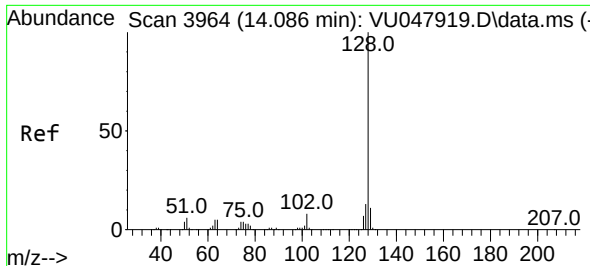
Tgt Ion:180	Resp:	246332
Ion Ratio	Lower	Upper
180	100	
182	95.2	77.0 115.6
184	30.2	24.5 36.7
145	26.4	21.0 31.6



#70
 1,2,4-trichlorobenzene
 Concen: 51.635 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU048094.D
 Acq: 15 Apr 2022 10:08

Tgt Ion:180	Resp:	222803
Ion Ratio	Lower	Upper
180	100	
182	96.3	76.2 114.2
145	27.7	21.8 32.8

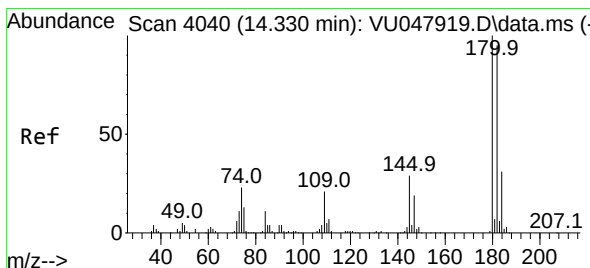
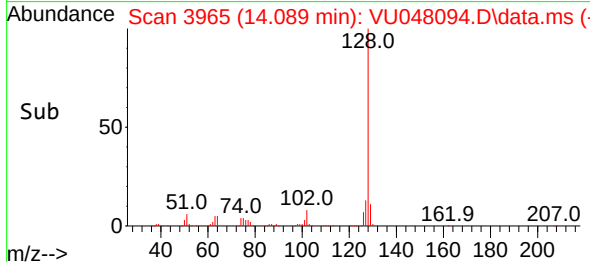
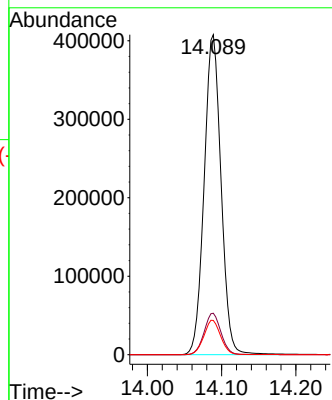
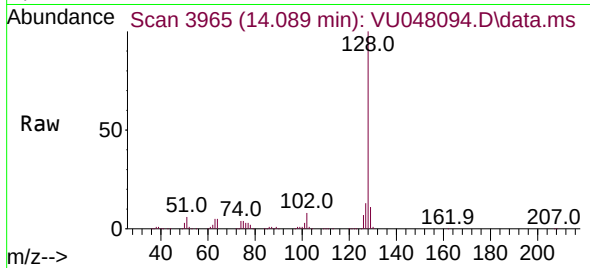




#71
Naphthalene
Concen: 49.975 ug/L
RT: 14.089 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU048094.D
Acq: 15 Apr 2022 10:08

Instrument :
MSVOA_U
ClientSampleId :
VSTD050084

Tgt Ion:128 Resp: 642901
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 10.7 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 52.502 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU048094.D
Acq: 15 Apr 2022 10:08

Tgt Ion:180 Resp: 227104
Ion Ratio Lower Upper
180 100
182 96.3 77.4 116.0
145 29.2 22.8 34.2

