

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU083022\
 Data File : VU050520.D
 Acq On : 30 Aug 2022 16:56
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV018

Quant Time: Aug 31 01:43:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM083022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 31 01:35:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	369617	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	355088	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	163015	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	132168	46.623	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.240%
7) Chloroethane-d5	1.896	69	107183	48.495	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.000%
11) 1,1-Dichloroethene-d2	2.562	63	222454	46.477	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.960%
21) 2-Butanone-d5	4.623	46	251223	101.330	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.330%
24) Chloroform-d	5.060	84	265938	48.212	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.420%
26) 1,2-Dichloroethane-d4	5.700	65	169234	47.233	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.460%
32) Benzene-d6	5.726	84	531934	48.333	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.660%
36) 1,2-Dichloropropane-d6	6.690	67	178287	48.653	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.300%
41) Toluene-d8	7.896	98	475729	49.687	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.380%
43) trans-1,3-Dichloroprop...	8.179	79	73166	49.646	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.300%
47) 2-Hexanone-d5	8.632	63	147143	110.899	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.900%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	283327	49.569	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.140%
66) 1,2-Dichlorobenzene-d4	12.192	152	170890	48.419	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	106163	45.623	ug/L	99
3) Chloromethane	1.514	50	186630	48.411	ug/L	99
5) Vinyl chloride	1.601	62	171114	48.070	ug/L	99
6) Bromomethane	1.835	94	84779	51.999	ug/L	96
8) Chloroethane	1.919	64	102766	45.872	ug/L	99
9) Trichlorofluoromethane	2.128	101	190331	46.483	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	111222	45.631	ug/L	99
12) 1,1-Dichloroethene	2.572	96	119703	46.997	ug/L	98
13) Acetone	2.626	43	197441	102.515	ug/L	98
14) Carbon disulfide	2.787	76	300164	47.959	ug/L	99
15) Methyl Acetate	2.948	43	194607	49.235	ug/L	99
16) Methylene chloride	3.041	84	187447	45.269	ug/L	99
17) trans-1,2-Dichloroethene	3.350	96	133914	48.545	ug/L	96
18) Methyl tert-butyl Ether	3.362	73	467633	50.014	ug/L	100
19) 1,1-Dichloroethane	3.864	63	272854	48.554	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	160802	48.975	ug/L	99
22) 2-Butanone	4.703	43	300048	100.721	ug/L	99
23) Bromochloromethane	4.970	128	85744	48.790	ug/L	96
25) Chloroform	5.086	83	281101	48.452	ug/L	100

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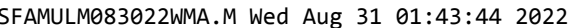
Instrument :
 MSVOA_U
 ClientSampleId :
 VICV018

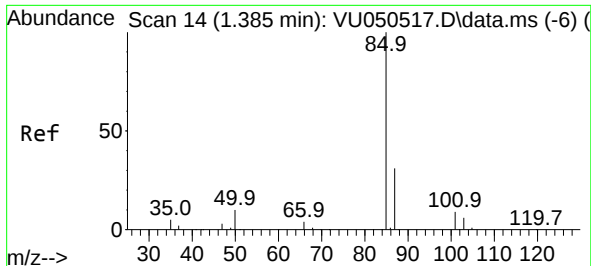
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 Quant Title : VOC Analysis
 QLast Update : Wed Aug 31 01:35:53 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	223045	48.466	ug/L	100
29) Cyclohexane	5.385	56	190379	47.976	ug/L	98
30) 1,1,1-Trichloroethane	5.314	97	210189	48.857	ug/L	99
31) Carbon tetrachloride	5.523	117	160795	48.951	ug/L	97
33) Benzene	5.771	78	630506	48.878	ug/L	100
34) Trichloroethene	6.542	95	138601	46.824	ug/L	97
35) Methylcyclohexane	6.761	83	187178	47.030	ug/L	99
37) 1,2-Dichloropropane	6.790	63	169592	48.019	ug/L	100
38) Bromodichloromethane	7.105	83	199691	49.973	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	235623	50.635	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	524537	102.603	ug/L	99
42) Toluene	7.970	91	644310	50.345	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	218302	51.497	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	170207	49.651	ug/L	98
46) Tetrachloroethene	8.552	164	96734	46.717	ug/L	95
48) 2-Hexanone	8.684	43	449890	102.942	ug/L	97
49) Dibromochloromethane	8.809	129	152870	51.363	ug/L	100
50) 1,2-Dibromoethane	8.922	107	175280	49.533	ug/L	98
51) Chlorobenzene	9.446	112	391433	49.148	ug/L	98
52) Ethylbenzene	9.568	91	621625	50.183	ug/L	100
53) m,p-Xylene	9.693	106	236193	50.610	ug/L	99
54) o-Xylene	10.102	106	248364	52.314	ug/L	99
55) Styrene	10.115	104	417356	52.976	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	305003	49.866	ug/L	99
59) Bromoform	10.291	173	106683	48.878	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	238425	48.724	ug/L	100
61) Isopropylbenzene	10.484	105	577442	49.679	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	482660	50.511	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	478839	51.592	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	265781	47.921	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	262767	46.722	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	291253	48.440	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	58560	50.149	ug/L	92
69) 1,3,5-Trichlorobenzene	13.221	180	179611	47.324	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	156158	46.258	ug/L	99
71) Naphthalene	14.086	128	638289	46.084	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	180047	46.149	ug/L	100

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

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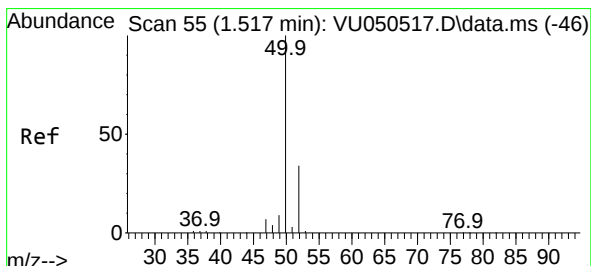
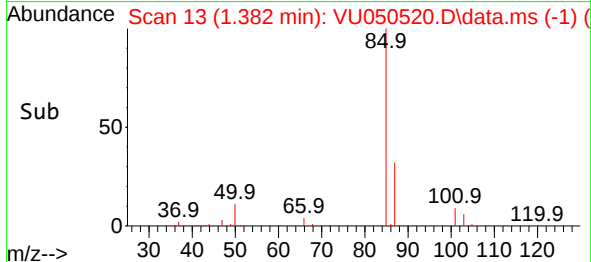
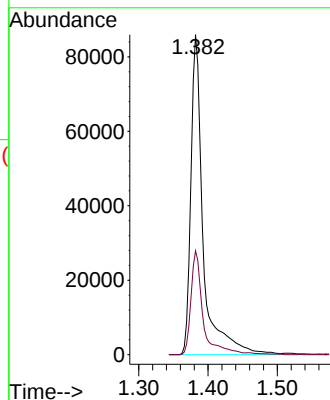
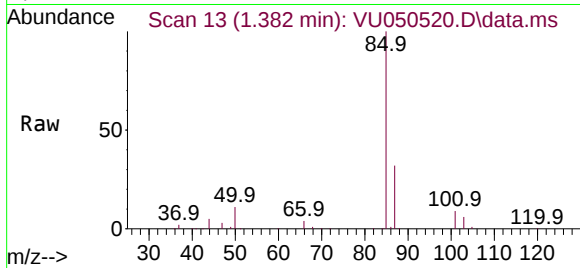




#2
Dichlorodifluoromethane
Concen: 45.623 ug/L
RT: 1.382 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU050520.D
Acq: 30 Aug 2022 16:56

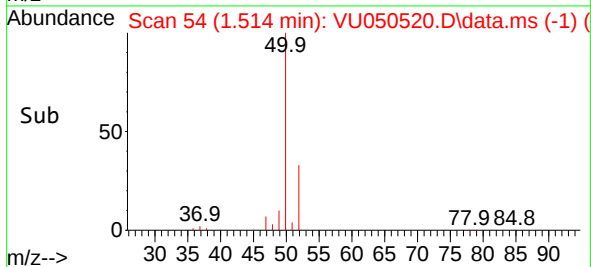
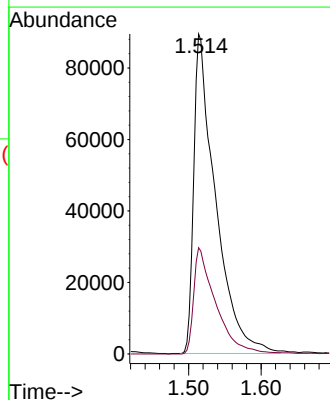
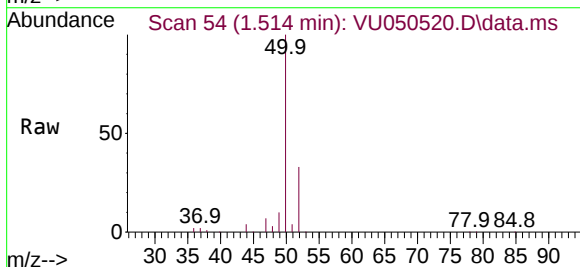
Instrument :
MSVOA_U
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VICV018

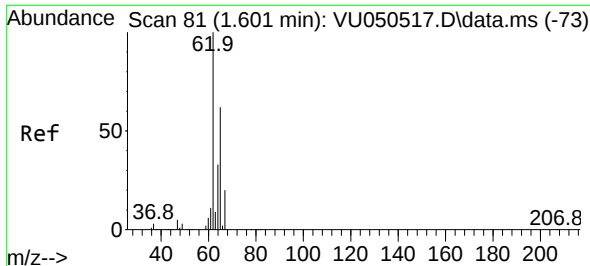
Tgt Ion: 85 Resp: 106163
Ion Ratio Lower Upper
85 100
87 31.6 25.5 38.3



#3
Chloromethane
Concen: 48.411 ug/L
RT: 1.514 min Scan# 54
Delta R.T. -0.003 min
Lab File: VU050520.D
Acq: 30 Aug 2022 16:56

Tgt Ion: 50 Resp: 186630
Ion Ratio Lower Upper
50 100
52 33.2 23.6 43.8

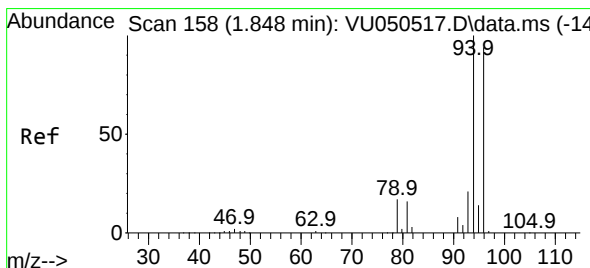
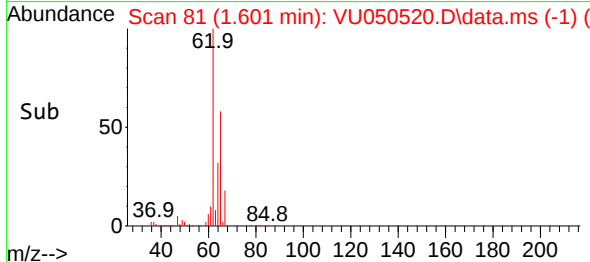
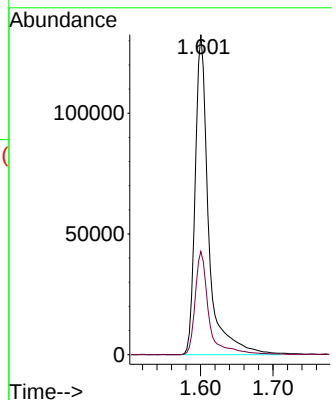
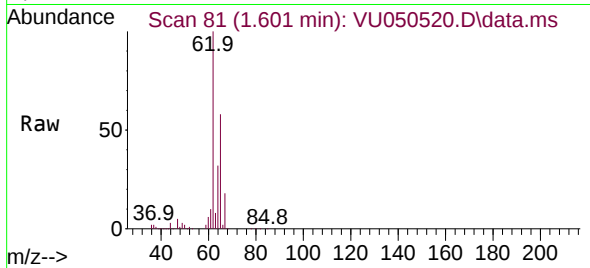




#5
 Vinyl chloride
 Concen: 48.070 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU050520.D
 Acq: 30 Aug 2022 16:56

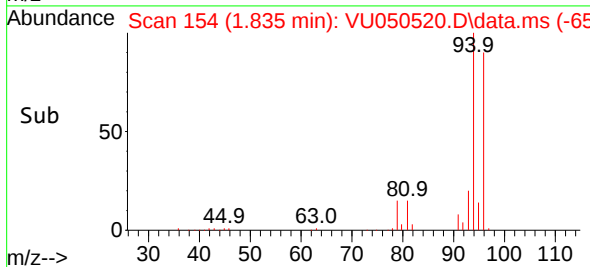
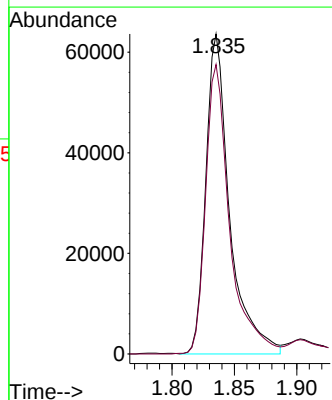
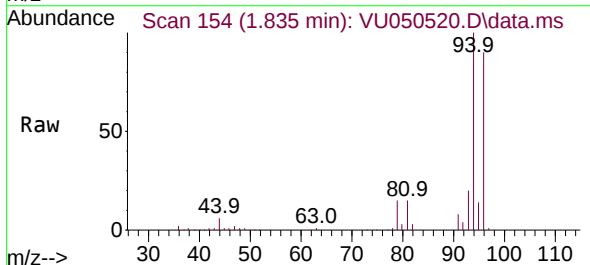
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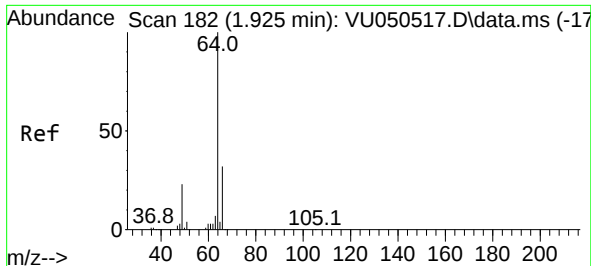
Tgt Ion: 62 Resp: 171114
 Ion Ratio Lower Upper
 62 100
 64 32.3 22.9 42.5



#6
 Bromomethane
 Concen: 51.999 ug/L
 RT: 1.835 min Scan# 154
 Delta R.T. -0.013 min
 Lab File: VU050520.D
 Acq: 30 Aug 2022 16:56

Tgt Ion: 94 Resp: 84779
 Ion Ratio Lower Upper
 94 100
 96 90.5 65.9 122.3

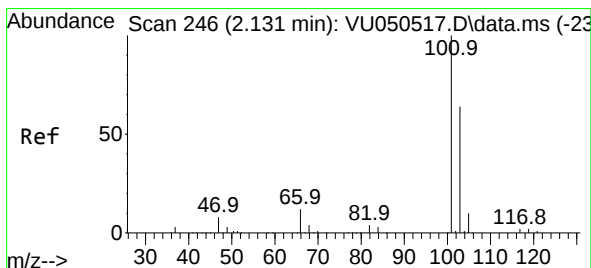
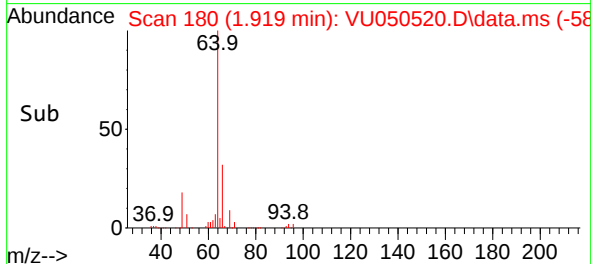
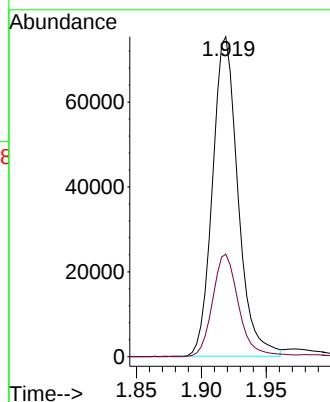
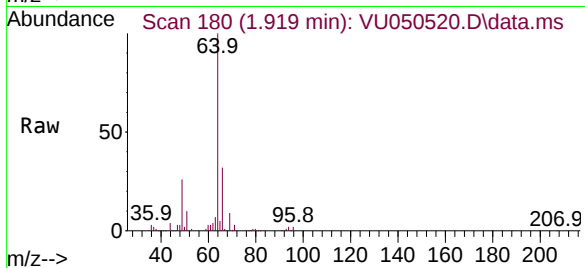




#8
Chloroethane
Concen: 45.872 ug/L
RT: 1.919 min Scan# 182
Delta R.T. -0.006 min
Lab File: VU050520.D
Acq: 30 Aug 2022 16:56

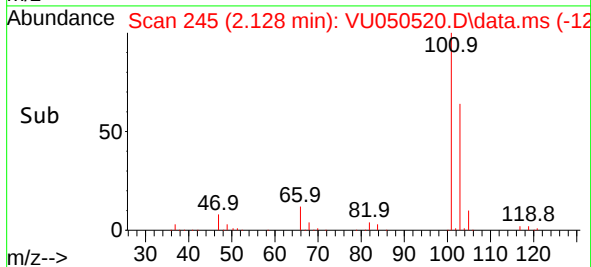
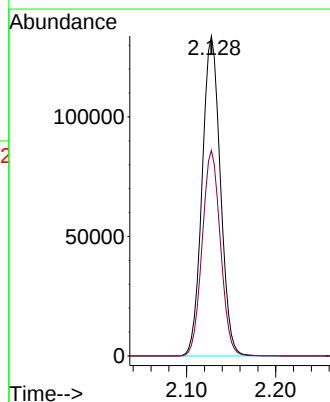
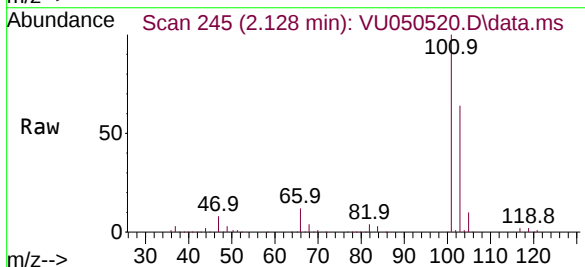
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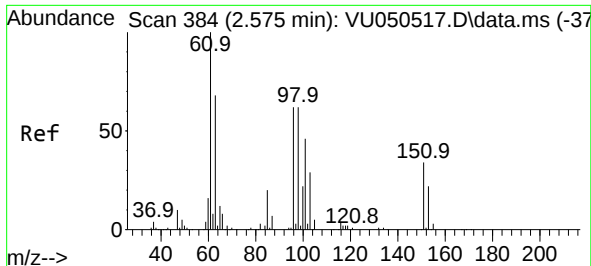
Tgt Ion: 64 Resp: 102766
Ion Ratio Lower Upper
64 100
66 32.0 22.2 41.2



#9
Trichlorofluoromethane
Concen: 46.483 ug/L
RT: 2.128 min Scan# 245
Delta R.T. -0.003 min
Lab File: VU050520.D
Acq: 30 Aug 2022 16:56

Tgt Ion:101 Resp: 190331
Ion Ratio Lower Upper
101 100
103 64.2 52.0 78.0

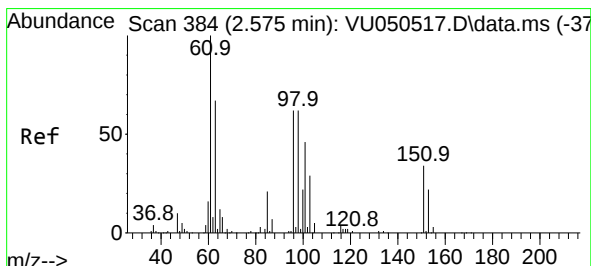
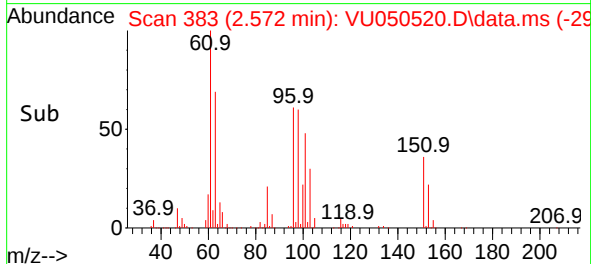
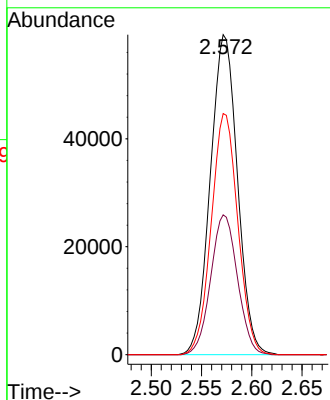
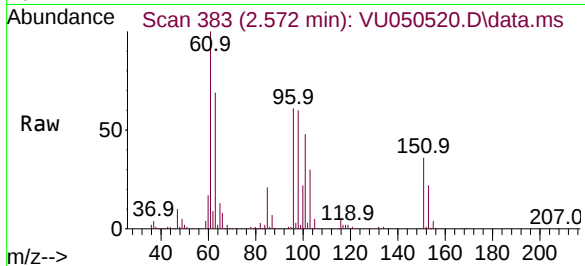




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 45.631 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.003 min
 Lab File: VU050520.D
 Acq: 30 Aug 2022 16:56

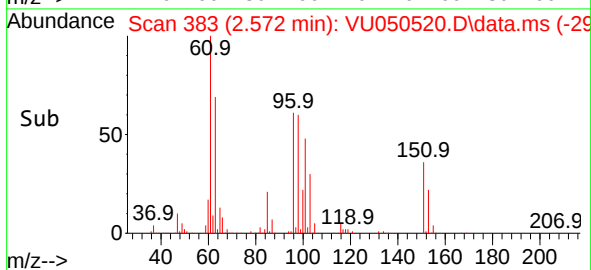
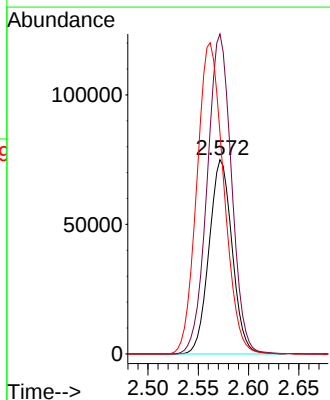
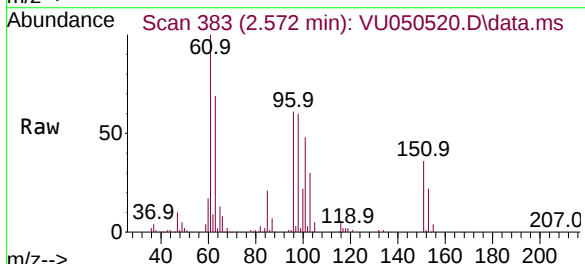
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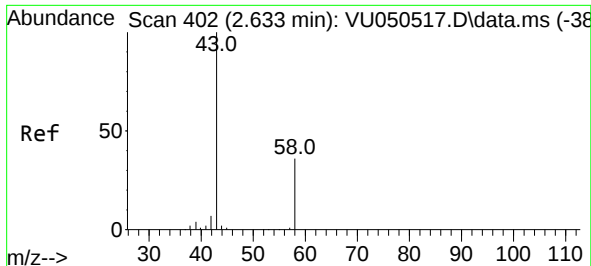
Tgt Ion:101 Resp: 111222
 Ion Ratio Lower Upper
 101 100
 85 43.1 34.6 52.0
 151 73.8 58.2 87.2



#12
 1,1-Dichloroethene
 Concen: 46.997 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.003 min
 Lab File: VU050520.D
 Acq: 30 Aug 2022 16:56

Tgt Ion: 96 Resp: 119703
 Ion Ratio Lower Upper
 96 100
 61 164.8 113.5 210.9
 63 113.8 78.0 144.9





#13

Acetone

Concen: 102.515 ug/L

RT: 2.626 min Scan# 402

Delta R.T. -0.006 min

Lab File: VU050520.D

Acq: 30 Aug 2022 16:56

Instrument :

MSVOA_U

ClientSampleId :

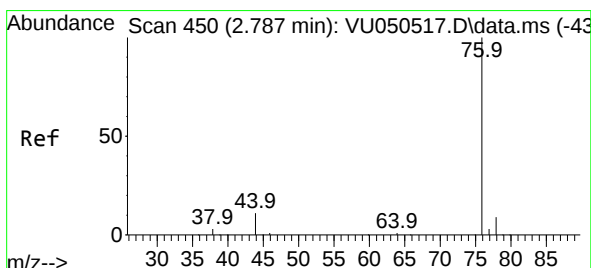
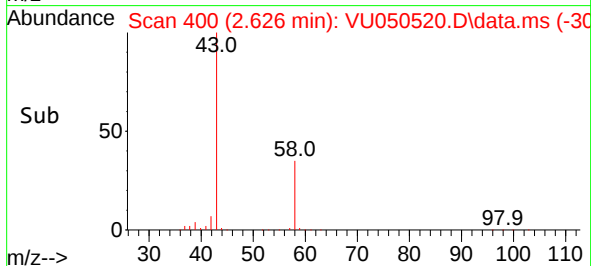
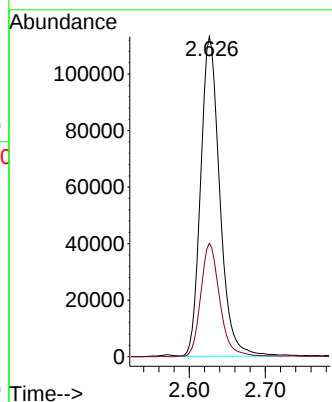
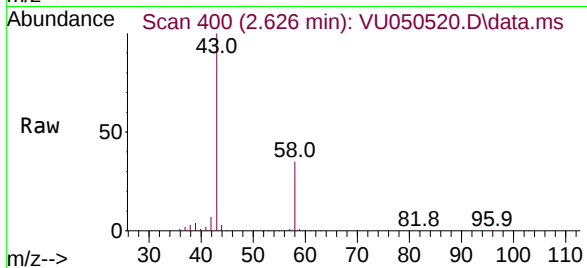
VICV018

Tgt Ion: 43 Resp: 197441

Ion Ratio Lower Upper

43 100

58 34.5 0.0 71.6



#14

Carbon disulfide

Concen: 47.959 ug/L

RT: 2.787 min Scan# 450

Delta R.T. 0.000 min

Lab File: VU050520.D

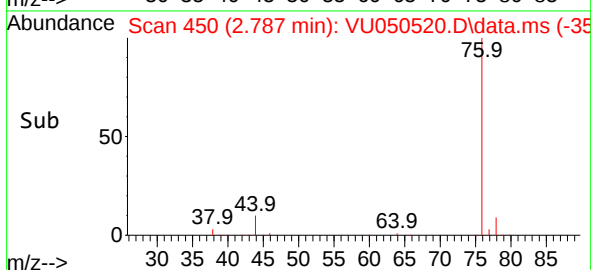
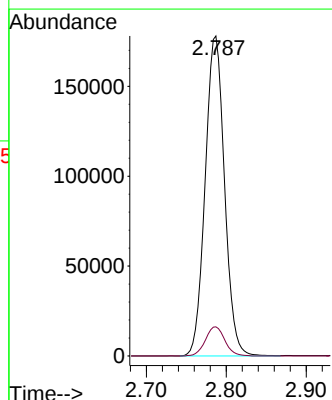
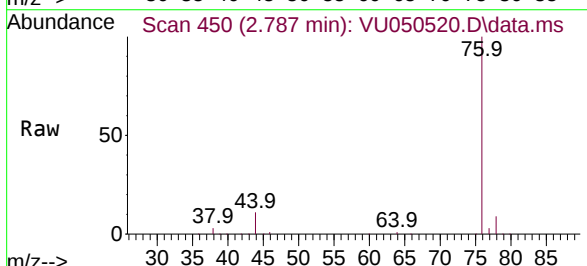
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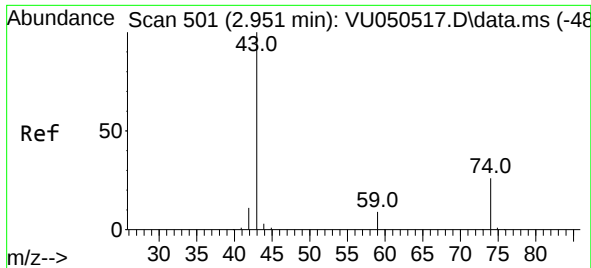
Tgt Ion: 76 Resp: 300164

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7

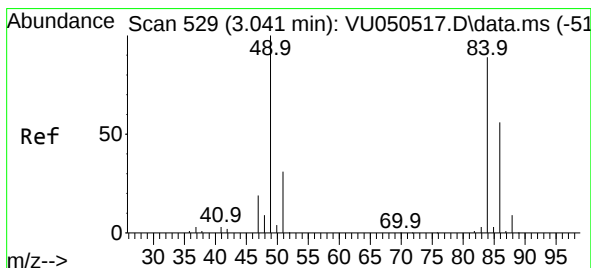
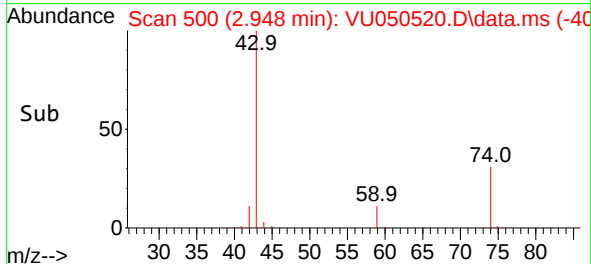
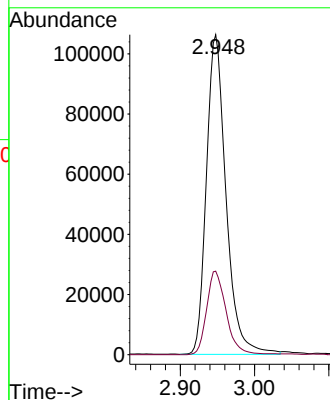
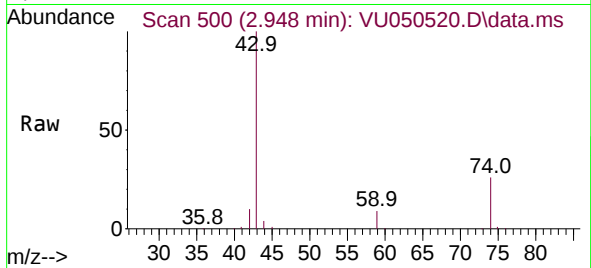




#15
Methyl Acetate
Concen: 49.235 ug/L
RT: 2.948 min Scan# 501
Delta R.T. -0.003 min
Lab File: VU050520.D
Acq: 30 Aug 2022 16:56

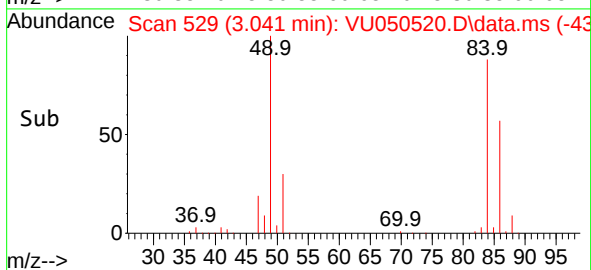
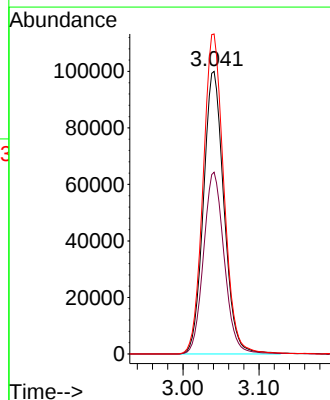
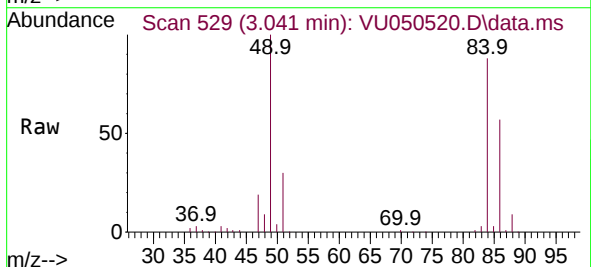
Instrument :
MSVOA_U
ClientSampleId :
VICV018

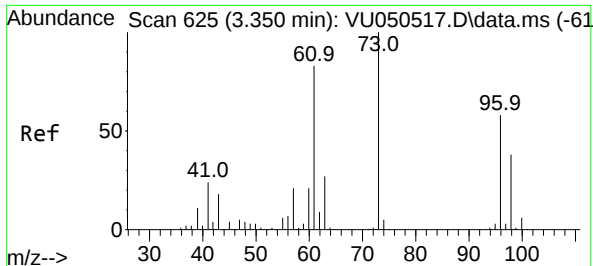
Tgt Ion: 43 Resp: 194607
Ion Ratio Lower Upper
43 100
74 26.0 21.0 31.6



#16
Methylene chloride
Concen: 45.269 ug/L
RT: 3.041 min Scan# 529
Delta R.T. 0.000 min
Lab File: VU050520.D
Acq: 30 Aug 2022 16:56

Tgt Ion: 84 Resp: 187447
Ion Ratio Lower Upper
84 100
86 64.3 44.3 82.3
49 113.2 78.8 146.3





#17

trans-1,2-Dichloroethene

Concen: 48.545 ug/L

RT: 3.350 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU050520.D

Acq: 30 Aug 2022 16:56

Instrument :

MSVOA_U

ClientSampleId :

VICV018

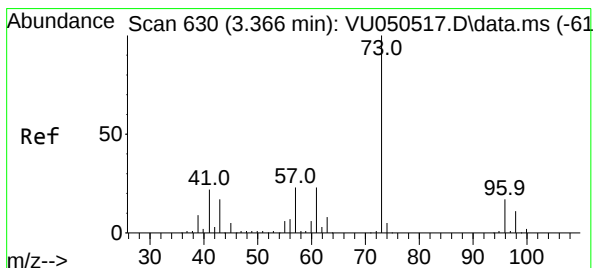
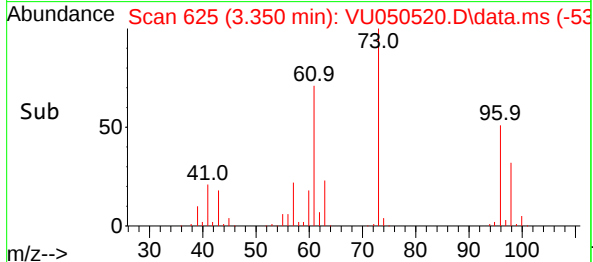
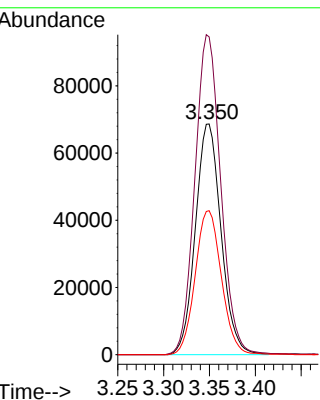
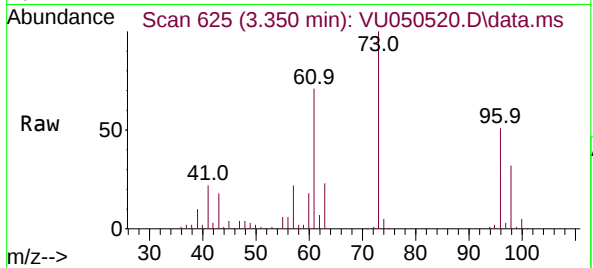
Tgt Ion: 96 Resp: 133914

Ion Ratio Lower Upper

96 100

61 137.7 99.7 185.1

98 62.4 46.2 85.8



#18

Methyl tert-butyl Ether

Concen: 50.014 ug/L

RT: 3.362 min Scan# 629

Delta R.T. -0.003 min

Lab File: VU050520.D

Acq: 30 Aug 2022 16:56

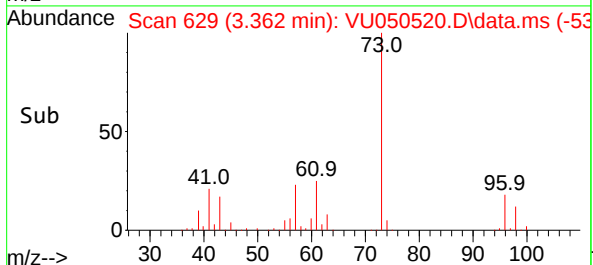
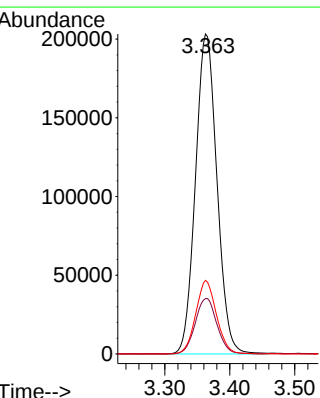
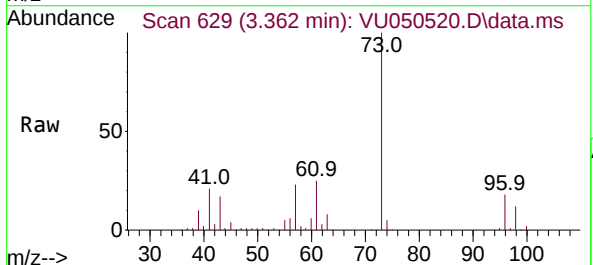
Tgt Ion: 73 Resp: 467633

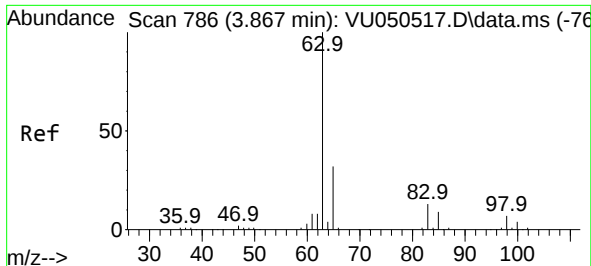
Ion Ratio Lower Upper

73 100

43 17.4 13.9 20.9

57 22.2 17.8 26.6





#19

1,1-Dichloroethane

Concen: 48.554 ug/L

RT: 3.864 min Scan# 785

Delta R.T. -0.003 min

Lab File: VU050520.D

Acq: 30 Aug 2022 16:56

Instrument :

MSVOA_U

ClientSampleId :

VICV018

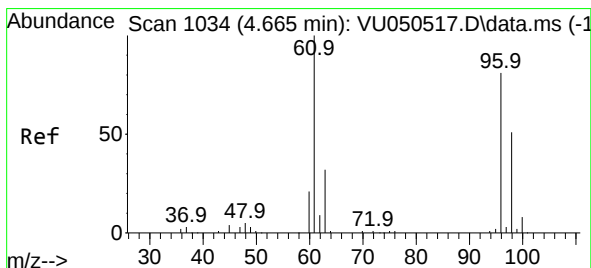
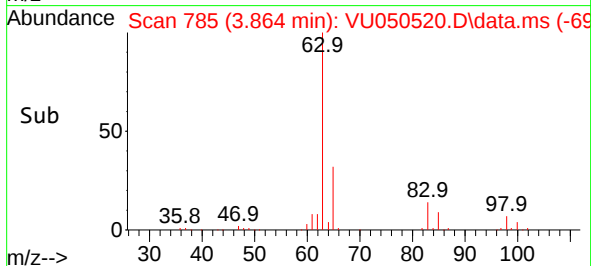
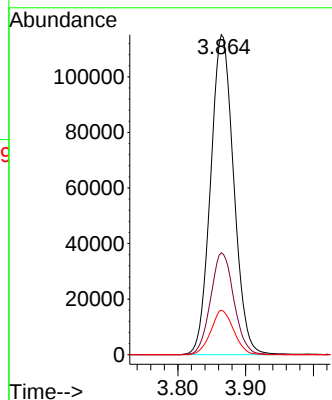
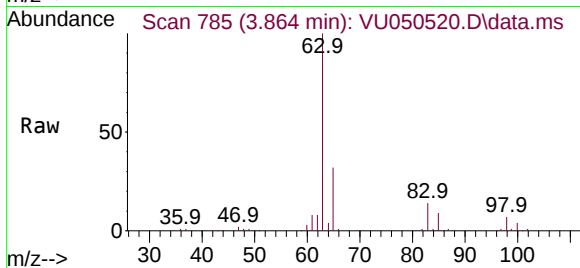
Tgt Ion: 63 Resp: 272854

Ion Ratio Lower Upper

63 100

65 31.8 22.5 41.9

83 13.9 9.3 17.3



#20

cis-1,2-Dichloroethene

Concen: 48.975 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU050520.D

Acq: 30 Aug 2022 16:56

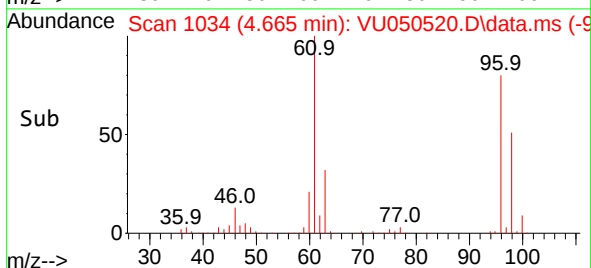
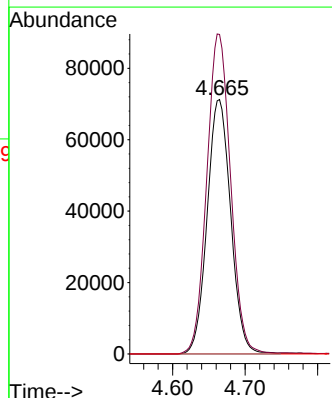
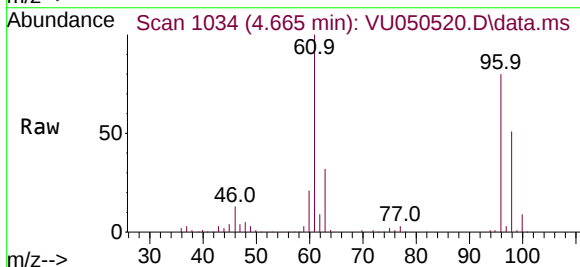
Tgt Ion: 96 Resp: 160802

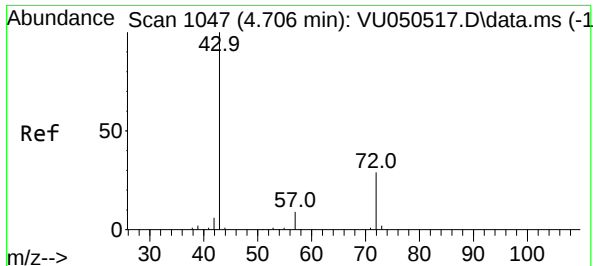
Ion Ratio Lower Upper

96 100

61 125.7 86.8 161.2

68 0.0 0.0 0.0

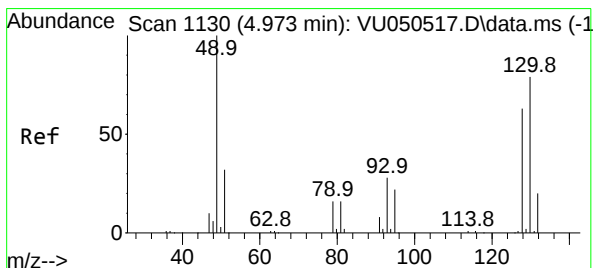
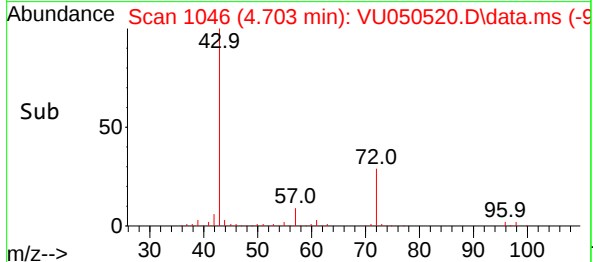
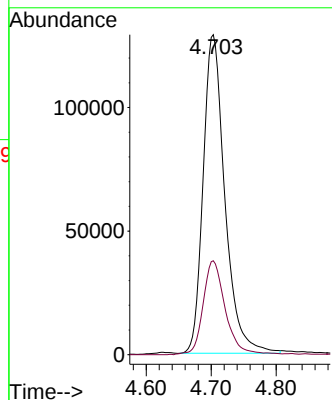
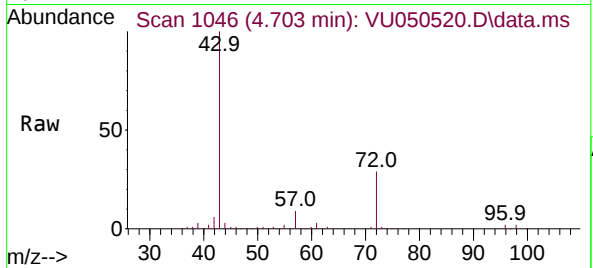




#22
2-Butanone
Concen: 100.721 ug/L
RT: 4.703 min Scan# 1104
Delta R.T. -0.003 min
Lab File: VU050520.D
Acq: 30 Aug 2022 16:56

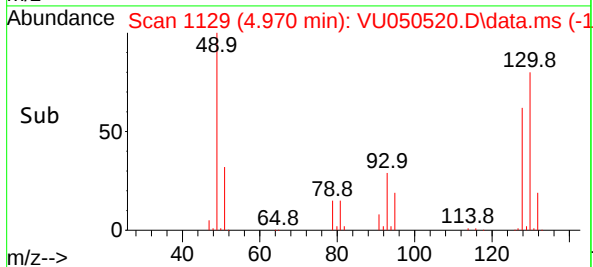
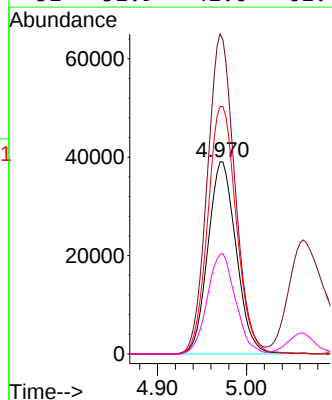
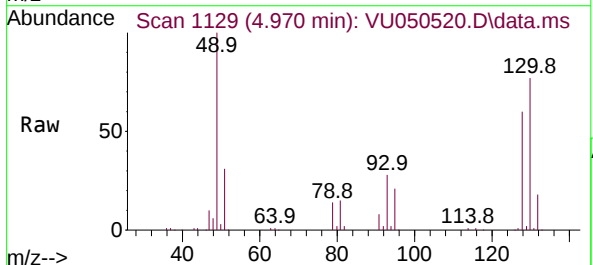
Instrument :
MSVOA_U
ClientSampleId :
VICV018

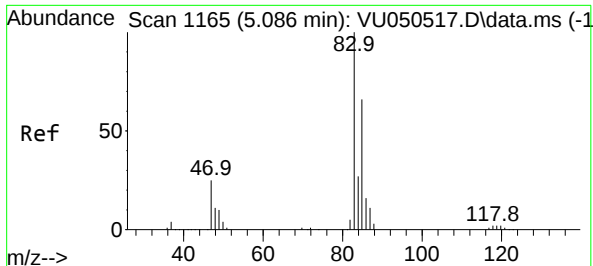
Tgt Ion: 43 Resp: 300048
Ion Ratio Lower Upper
43 100
72 29.8 14.8 44.3



#23
Bromochloromethane
Concen: 48.790 ug/L
RT: 4.970 min Scan# 1129
Delta R.T. -0.003 min
Lab File: VU050520.D
Acq: 30 Aug 2022 16:56

Tgt Ion:128 Resp: 85744
Ion Ratio Lower Upper
128 100
49 166.5 111.9 207.7
130 128.7 87.8 163.0
51 51.9 41.0 61.4





#25

Chloroform

Concen: 48.452 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU050520.D

Acq: 30 Aug 2022 16:56

Instrument :

MSVOA_U

ClientSampleId :

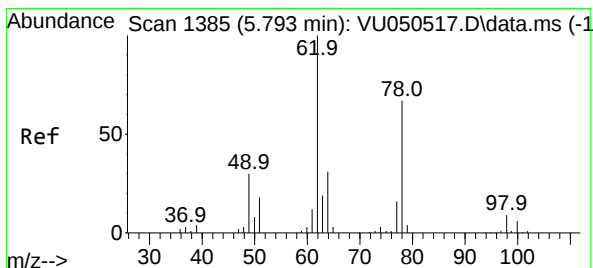
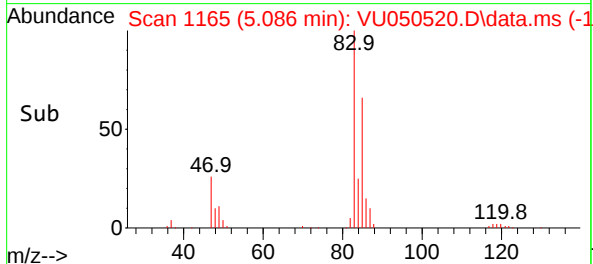
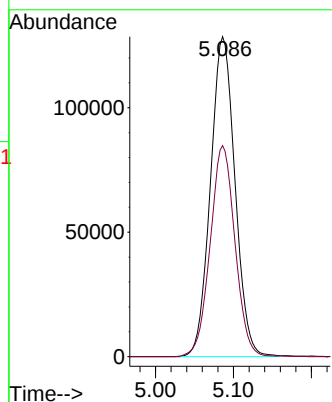
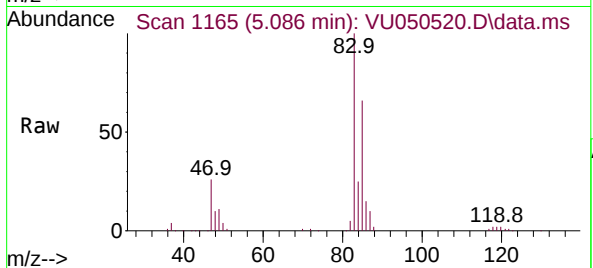
VICV018

Tgt Ion: 83 Resp: 281101

Ion Ratio Lower Upper

83 100

85 65.9 46.3 85.9



#27

1,2-Dichloroethane

Concen: 48.466 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. 0.000 min

Lab File: VU050520.D

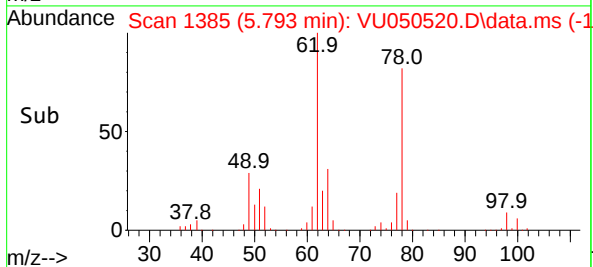
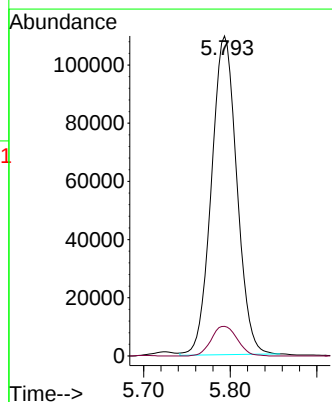
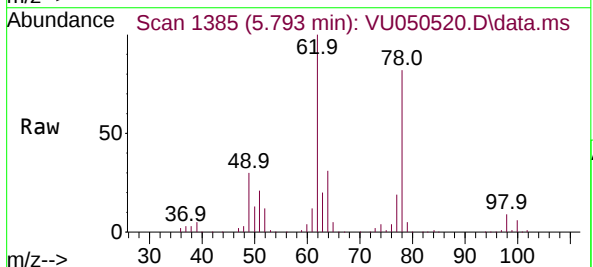
Acq: 30 Aug 2022 16:56

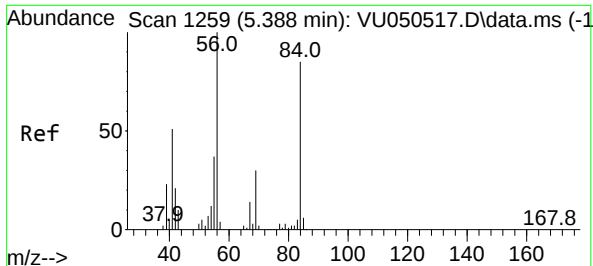
Tgt Ion: 62 Resp: 223045

Ion Ratio Lower Upper

62 100

98 9.3 7.5 11.3





#29

Cyclohexane

Concen: 47.976 ug/L

RT: 5.385 min Scan# 1259

Delta R.T. -0.003 min

Lab File: VU050520.D

Acq: 30 Aug 2022 16:56

Instrument :

MSVOA_U

ClientSampleId :

VICV018

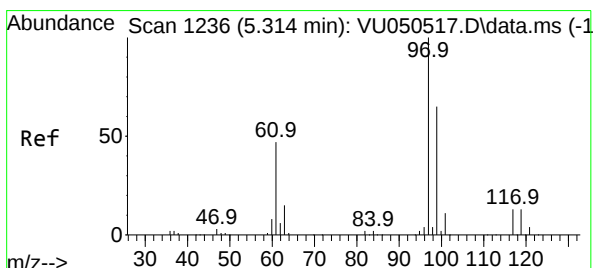
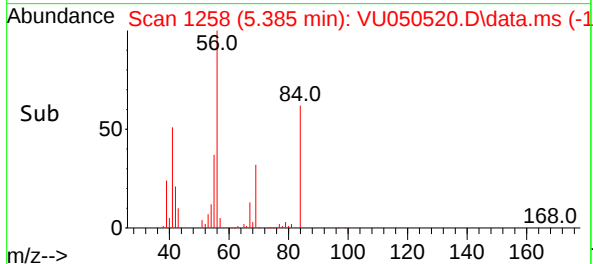
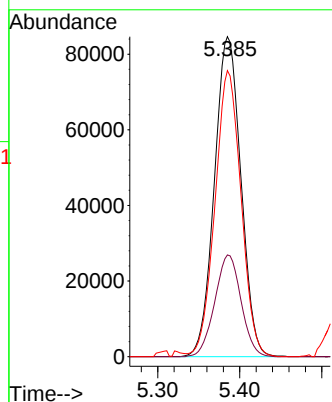
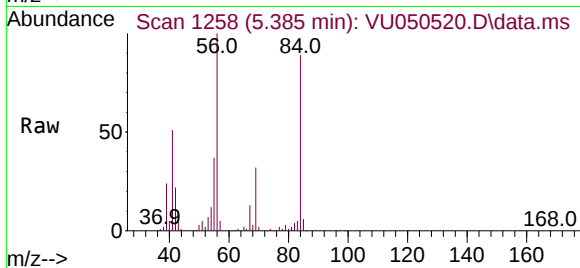
Tgt Ion: 56 Resp: 190379

Ion Ratio Lower Upper

56 100

69 31.5 24.8 37.2

84 87.8 68.9 103.3



#30

1,1,1-Trichloroethane

Concen: 48.857 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. 0.000 min

Lab File: VU050520.D

Acq: 30 Aug 2022 16:56

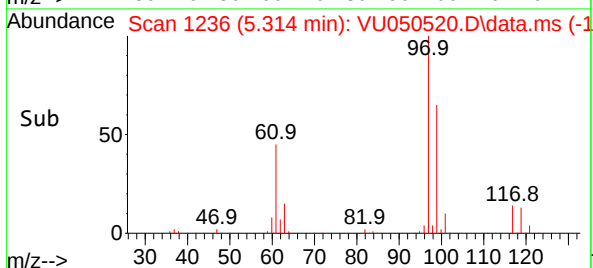
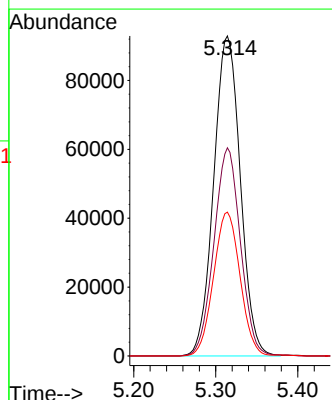
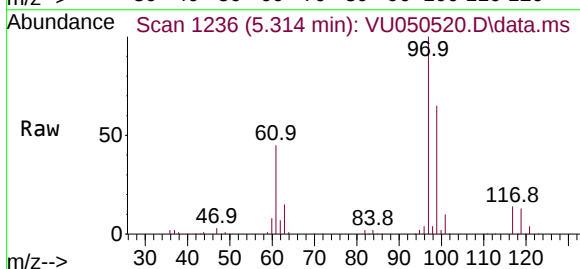
Tgt Ion: 97 Resp: 210189

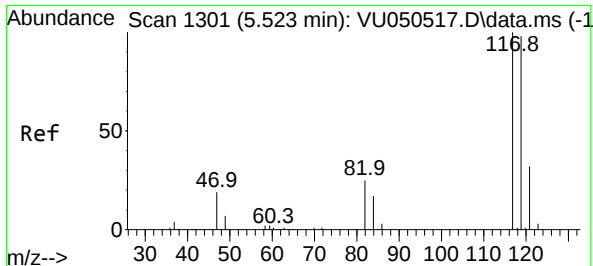
Ion Ratio Lower Upper

97 100

99 64.8 51.5 77.3

61 44.7 36.4 54.6

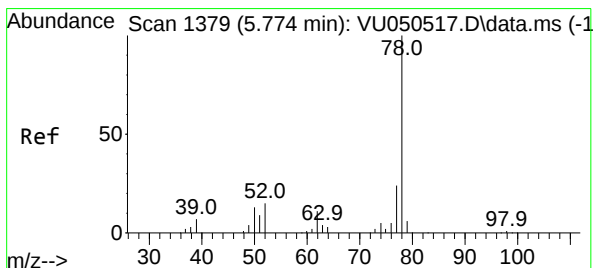
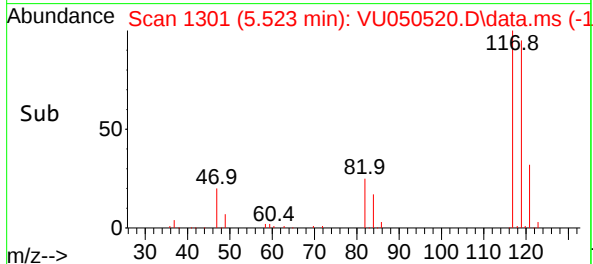
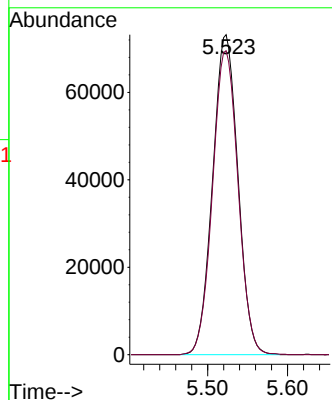
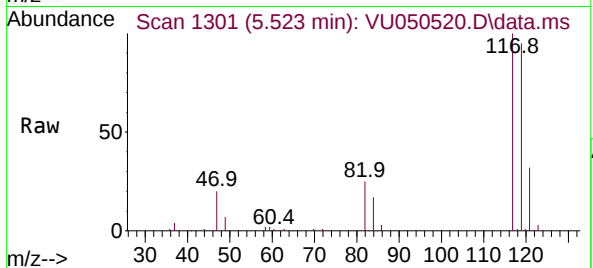




#31
Carbon tetrachloride
Concen: 48.951 ug/L
RT: 5.523 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU050520.D
Acq: 30 Aug 2022 16:56

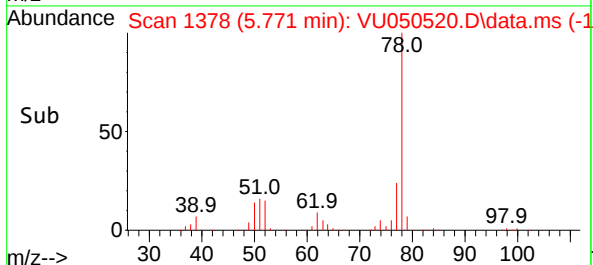
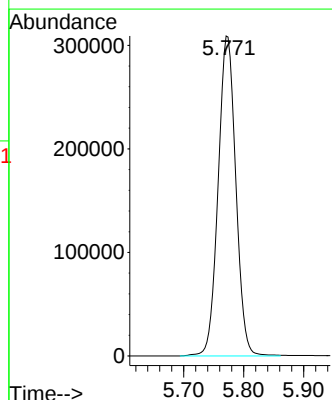
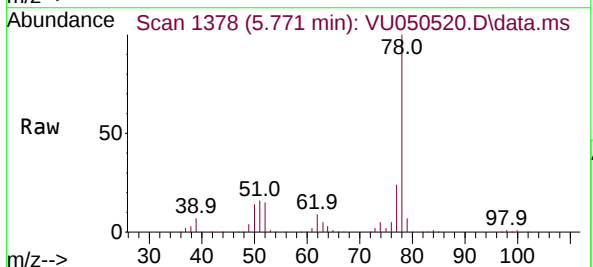
Instrument :
MSVOA_U
ClientSampleId :
VICV018

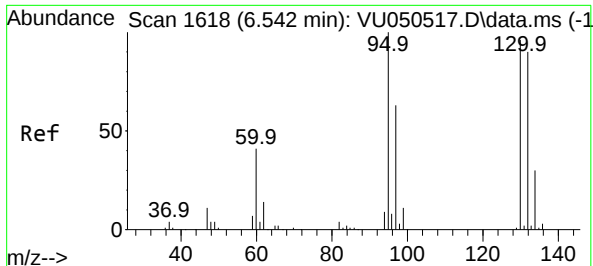
Tgt Ion:117 Resp: 160795
Ion Ratio Lower Upper
117 100
119 95.9 78.8 118.2



#33
Benzene
Concen: 48.878 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.003 min
Lab File: VU050520.D
Acq: 30 Aug 2022 16:56

Tgt Ion: 78 Resp: 630506

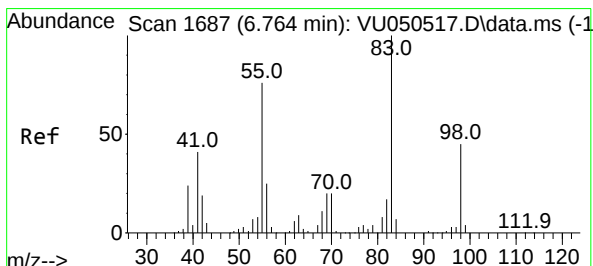
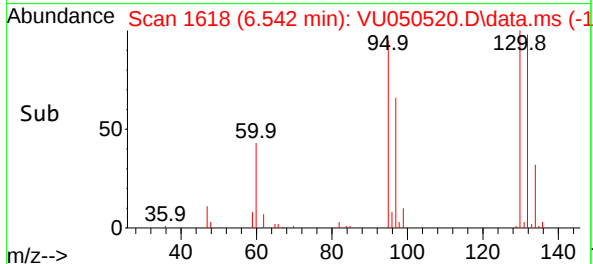
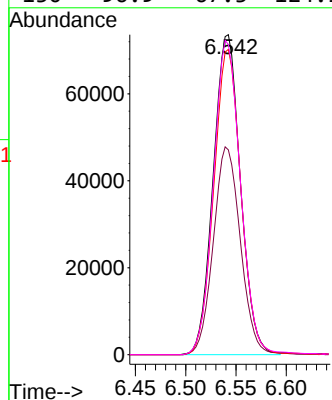
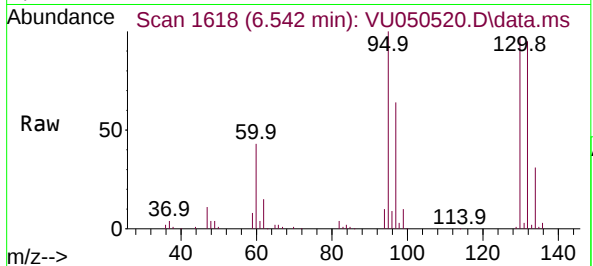




#34
Trichloroethene
Concen: 46.824 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU050520.D
Acq: 30 Aug 2022 16:56

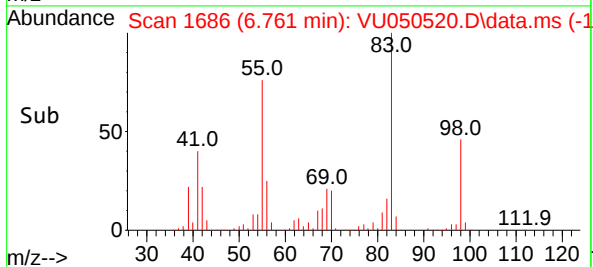
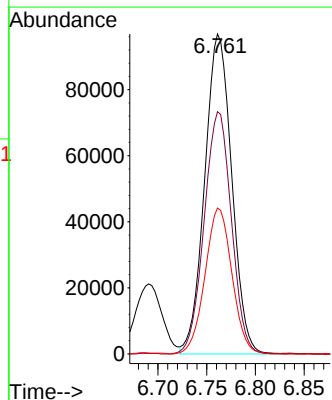
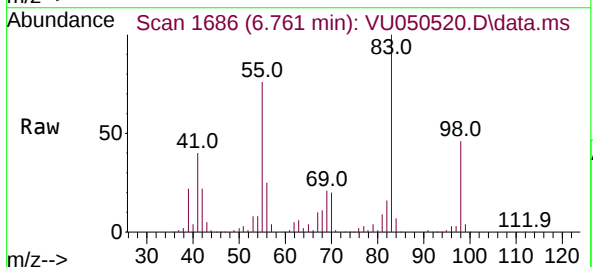
Instrument :
MSVOA_U
ClientSampleId :
VICV018

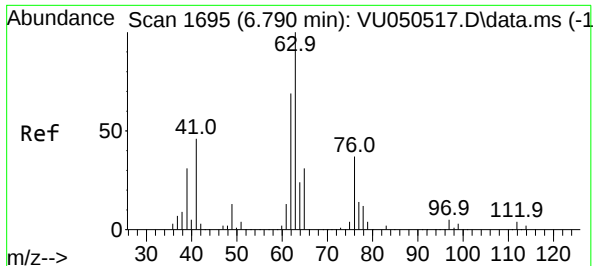
Tgt Ion: 95 Resp: 138601
Ion Ratio Lower Upper
95 100
97 64.0 44.2 82.2
132 95.4 63.2 117.4
130 96.9 67.3 124.9



#35
Methylcyclohexane
Concen: 47.030 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.003 min
Lab File: VU050520.D
Acq: 30 Aug 2022 16:56

Tgt Ion: 83 Resp: 187178
Ion Ratio Lower Upper
83 100
55 76.1 61.0 91.4
98 45.4 35.7 53.5





#37

1,2-Dichloropropane

Concen: 48.019 ug/L

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU050520.D

Acq: 30 Aug 2022 16:56

Instrument :

MSVOA_U

ClientSampleId :

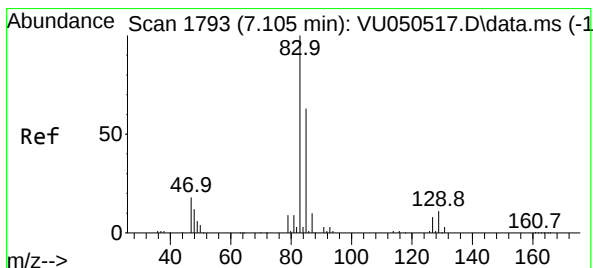
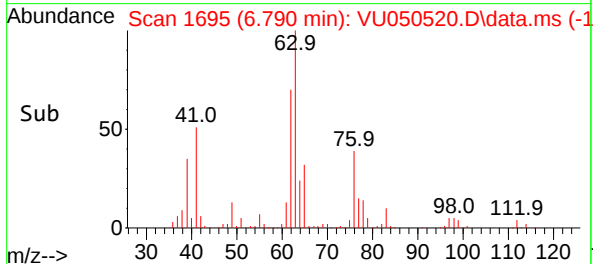
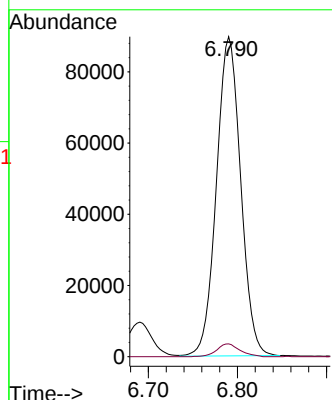
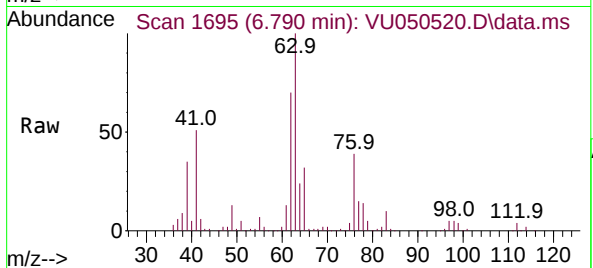
VICV018

Tgt Ion: 63 Resp: 169592

Ion Ratio Lower Upper

63 100

112 3.9 3.0 4.4



#38

Bromodichloromethane

Concen: 49.973 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU050520.D

Acq: 30 Aug 2022 16:56

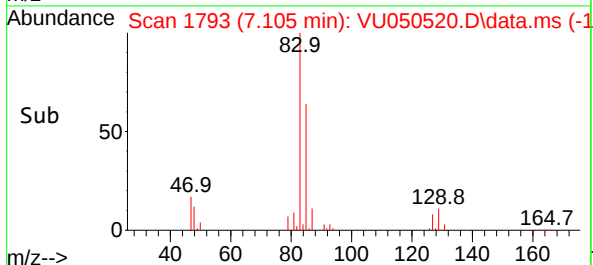
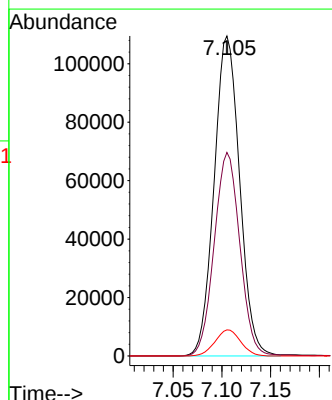
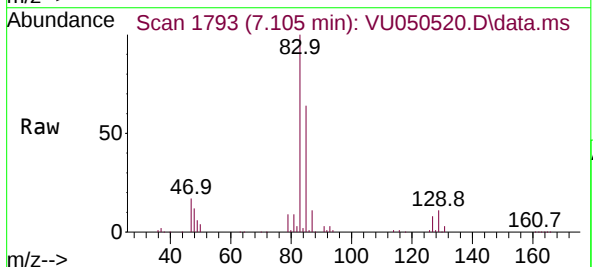
Tgt Ion: 83 Resp: 199691

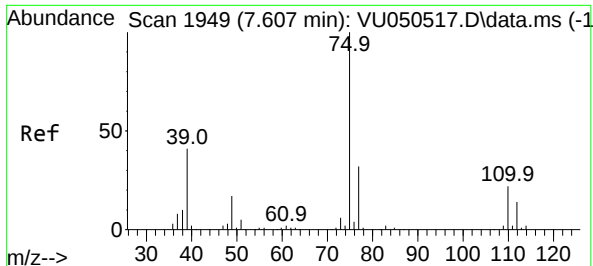
Ion Ratio Lower Upper

83 100

85 63.6 44.4 82.4

127 8.2 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 50.635 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU050520.D

Acq: 30 Aug 2022 16:56

Instrument :

MSVOA_U

ClientSampleId :

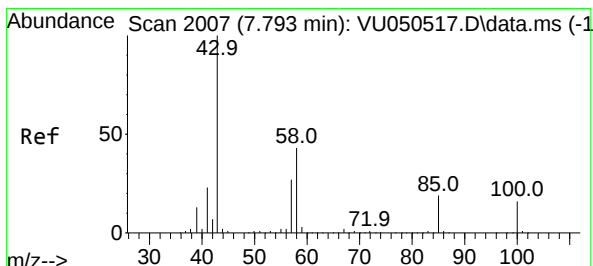
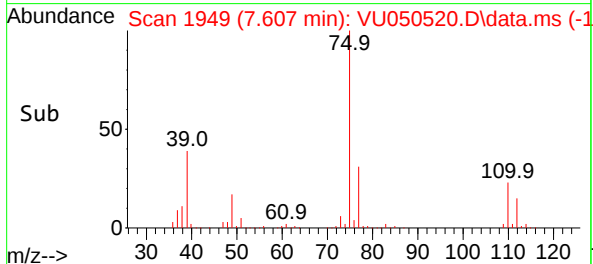
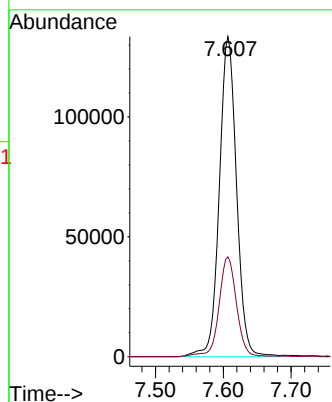
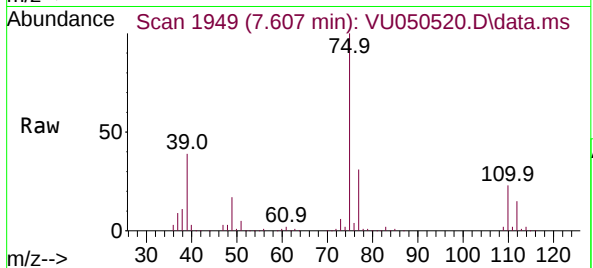
VICV018

Tgt Ion: 75 Resp: 235623

Ion Ratio Lower Upper

75 100

77 31.2 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 102.603 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. -0.003 min

Lab File: VU050520.D

Acq: 30 Aug 2022 16:56

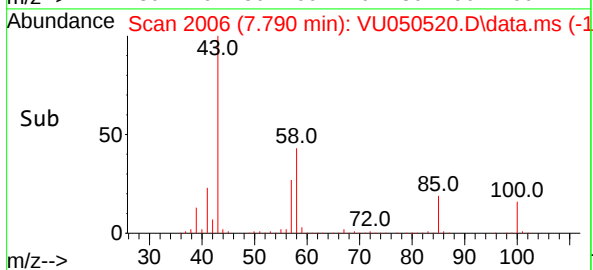
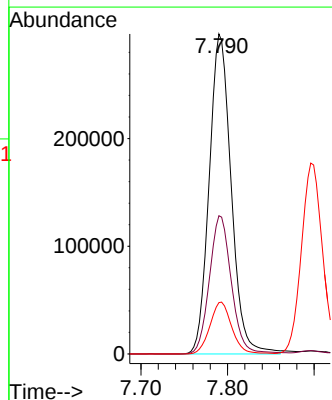
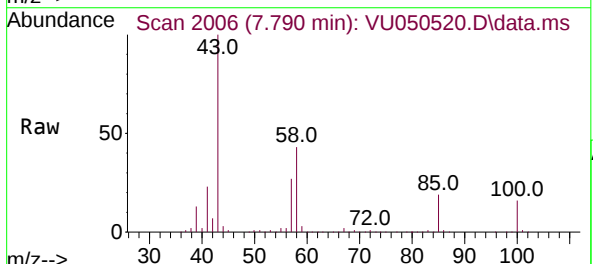
Tgt Ion: 43 Resp: 524537

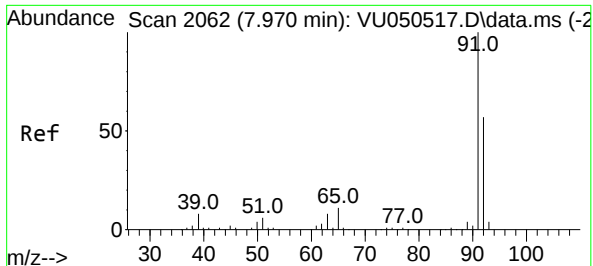
Ion Ratio Lower Upper

43 100

58 43.3 34.2 51.4

100 16.0 12.9 19.3





#42

Toluene

Concen: 50.345 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU050520.D

Acq: 30 Aug 2022 16:56

Instrument :

MSVOA_U

ClientSampleId :

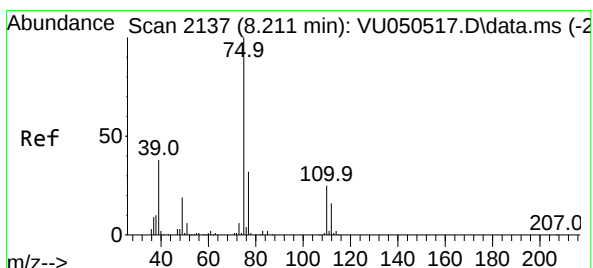
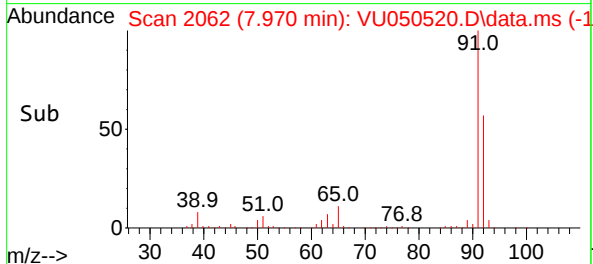
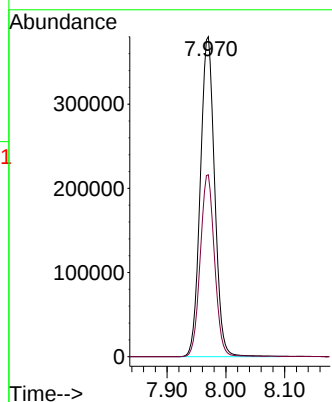
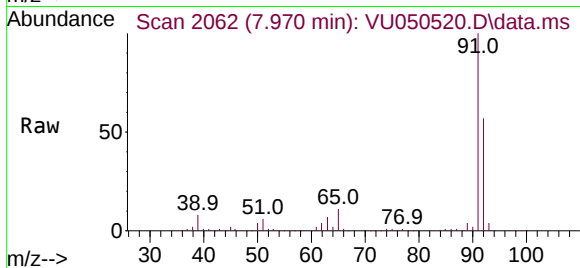
VICV018

Tgt Ion: 91 Resp: 644310

Ion Ratio Lower Upper

91 100

92 56.8 39.8 73.8



#44

trans-1,3-Dichloropropene

Concen: 51.497 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU050520.D

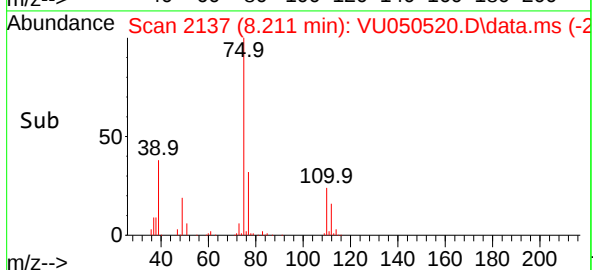
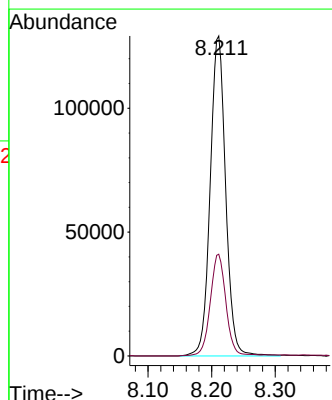
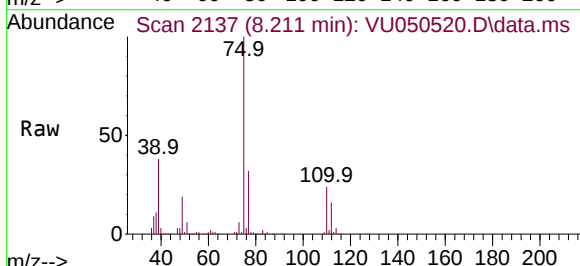
Acq: 30 Aug 2022 16:56

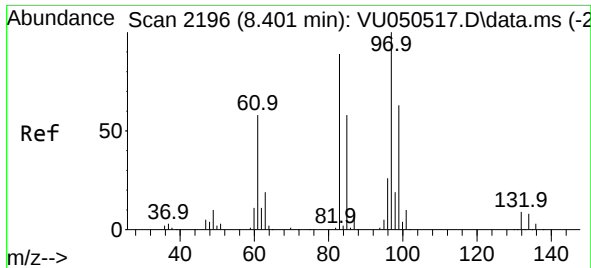
Tgt Ion: 75 Resp: 218302

Ion Ratio Lower Upper

75 100

77 31.8 22.2 41.2



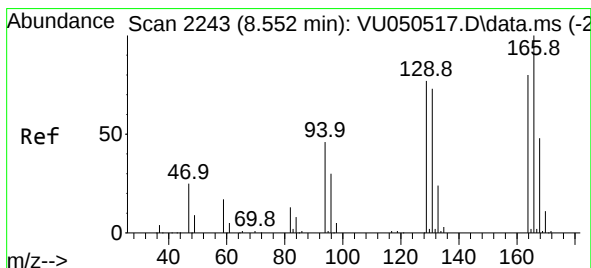
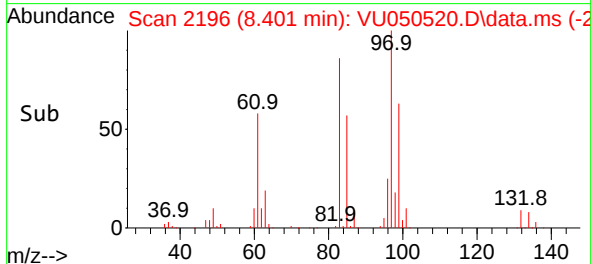
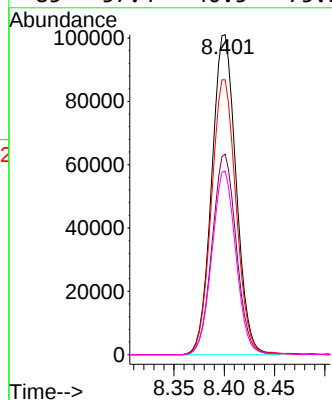
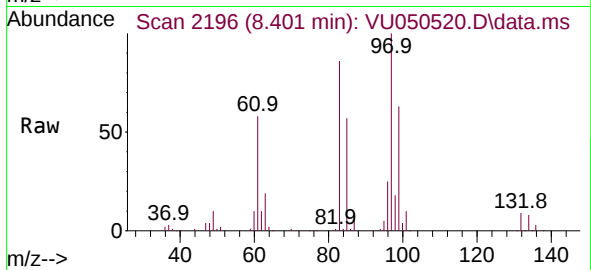


#45
1,1,2-Trichloroethane
Concen: 49.651 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU050520.D
Acq: 30 Aug 2022 16:56

Instrument :
MSVOA_U
ClientSampleId :
VICV018

Tgt Ion: 97 Resp: 170207

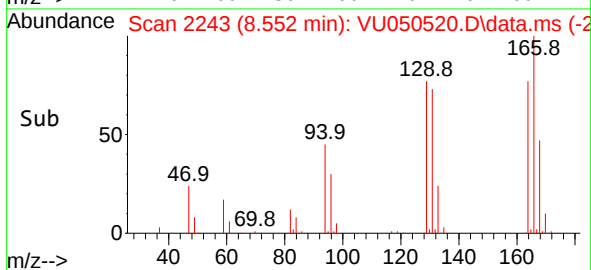
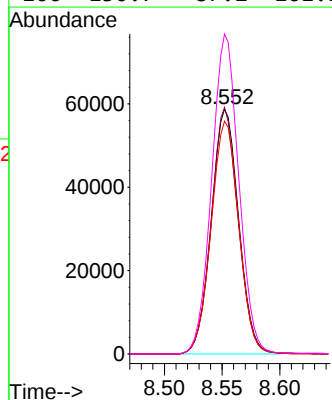
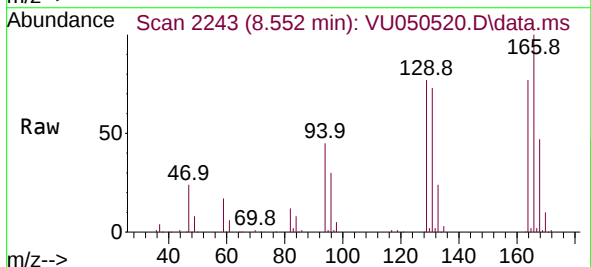
Ion	Ratio	Lower	Upper
97	100		
99	62.6	44.3	82.3
83	85.9	62.1	115.3
85	57.4	40.5	75.1

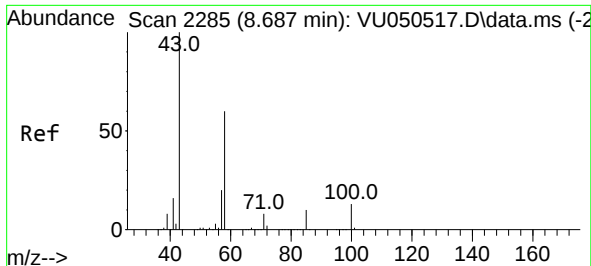


#46
Tetrachloroethene
Concen: 46.717 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU050520.D
Acq: 30 Aug 2022 16:56

Tgt Ion: 164 Resp: 96734

Ion	Ratio	Lower	Upper
164	100		
129	100.7	67.5	125.3
131	95.1	63.8	118.4
166	130.7	87.2	161.9



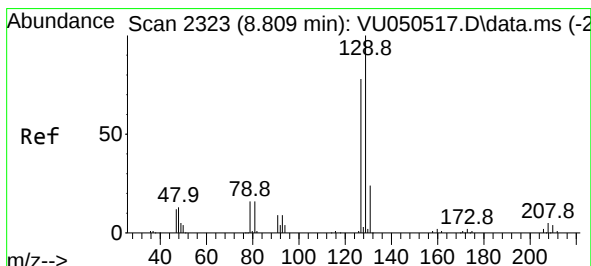
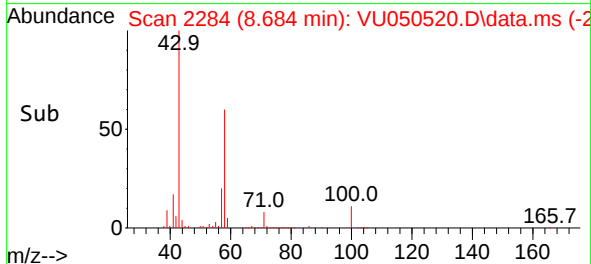
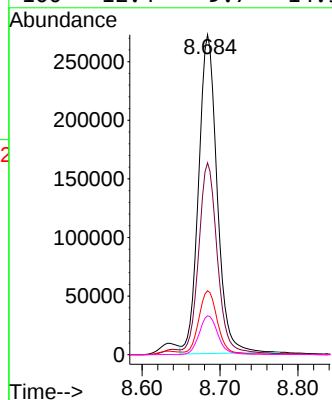
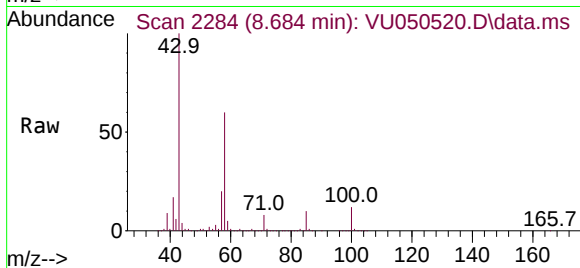


#48
2-Hexanone
Concen: 102.942 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU050520.D
Acq: 30 Aug 2022 16:56

Instrument :
MSVOA_U
ClientSampleId :
VICV018

Tgt Ion: 43 Resp: 449890

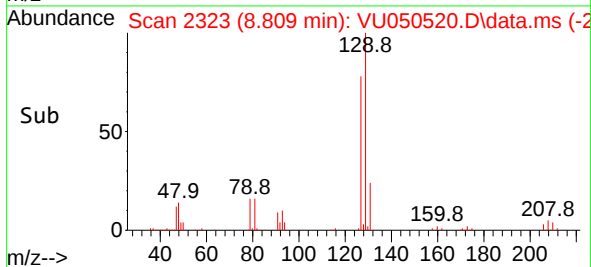
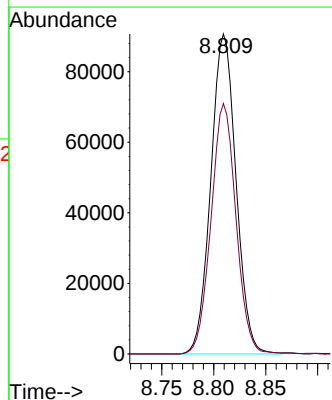
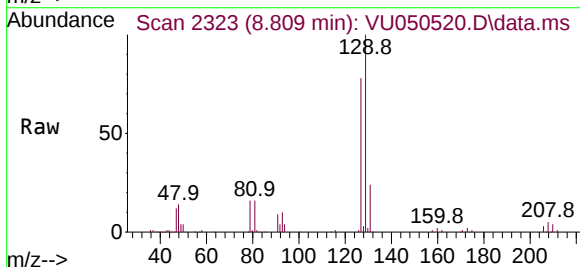
Ion	Ratio	Lower	Upper
43	100		
58	60.8	46.6	69.8
57	20.7	15.8	23.6
100	12.4	9.7	14.5

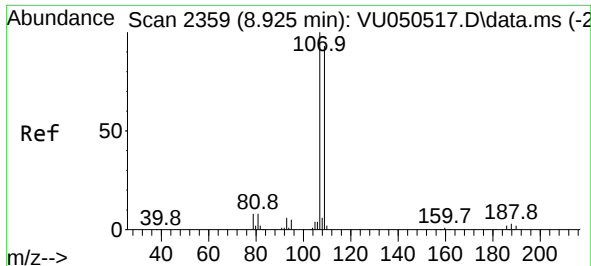


#49
Dibromochloromethane
Concen: 51.363 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU050520.D
Acq: 30 Aug 2022 16:56

Tgt Ion: 129 Resp: 152870

Ion	Ratio	Lower	Upper
129	100		
127	78.2	54.9	101.9

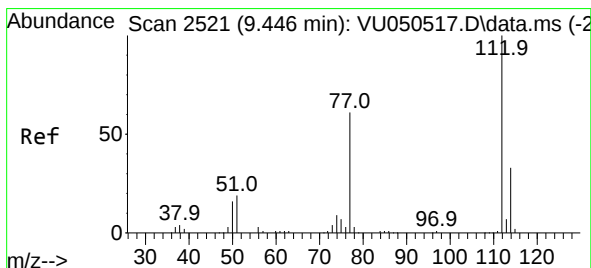
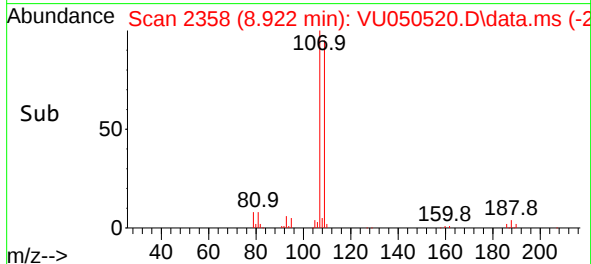
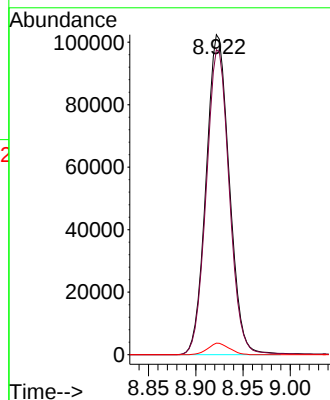
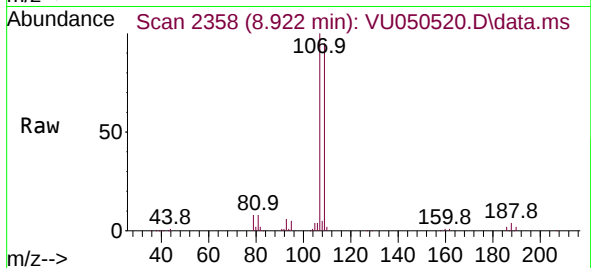




#50
1,2-Dibromoethane
Concen: 49.533 ug/L
RT: 8.922 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU050520.D
Acq: 30 Aug 2022 16:56

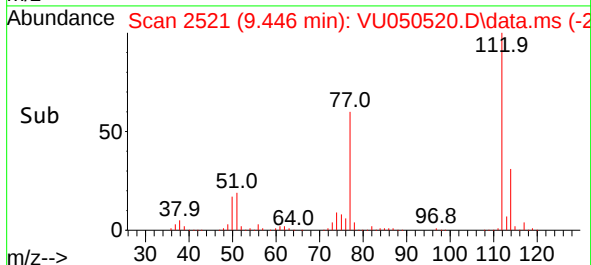
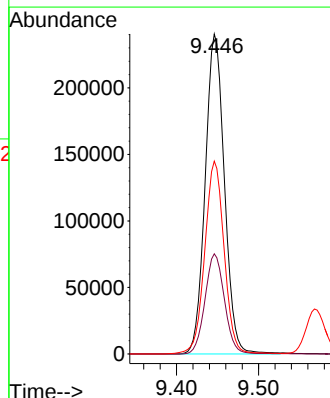
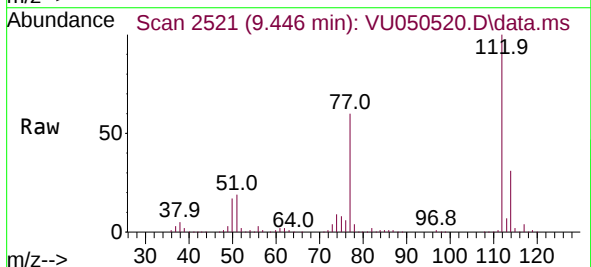
Instrument :
MSVOA_U
ClientSampleId :
VICV018

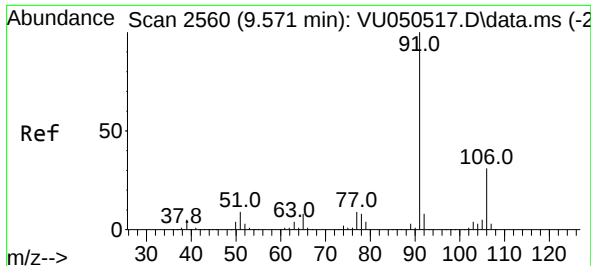
Tgt Ion:107 Resp: 175280
Ion Ratio Lower Upper
107 100
109 95.3 65.2 121.0
188 3.6 2.7 4.1



#51
Chlorobenzene
Concen: 49.148 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU050520.D
Acq: 30 Aug 2022 16:56

Tgt Ion:112 Resp: 391433
Ion Ratio Lower Upper
112 100
114 31.3 23.0 42.6
77 60.2 49.4 74.2

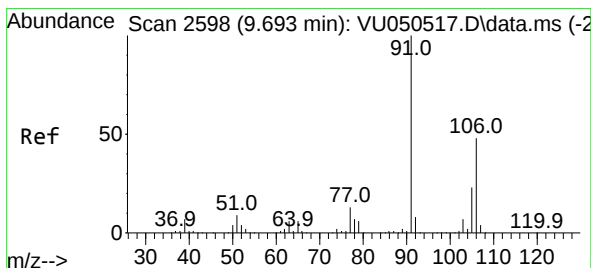
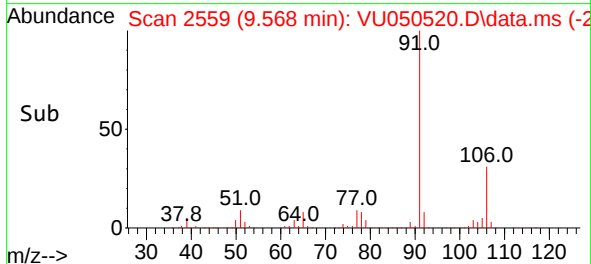
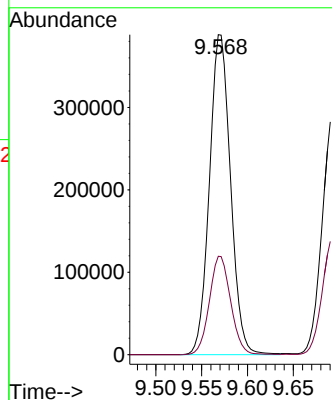
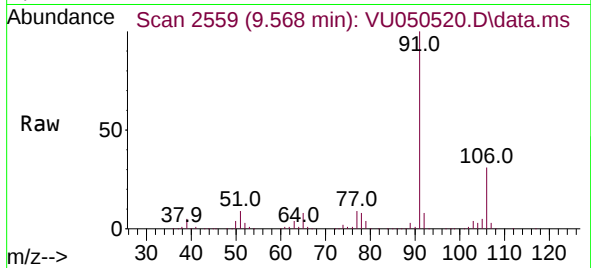




#52
Ethylbenzene
Concen: 50.183 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.003 min
Lab File: VU050520.D
Acq: 30 Aug 2022 16:56

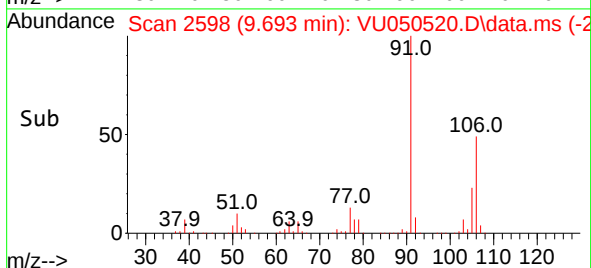
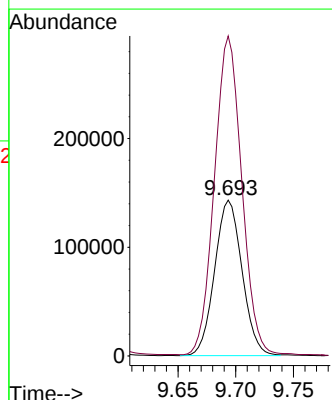
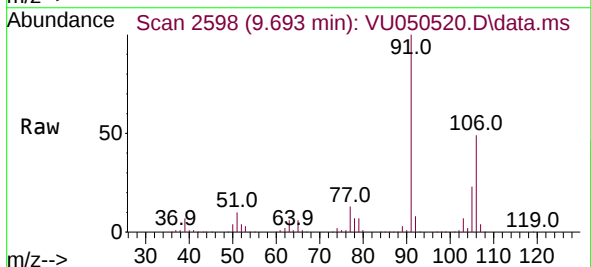
Instrument :
MSVOA_U
ClientSampleId :
VICV018

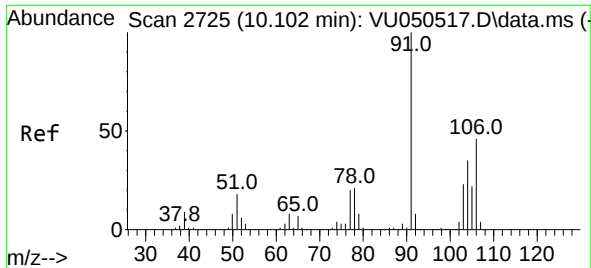
Tgt Ion: 91 Resp: 621625
Ion Ratio Lower Upper
91 100
106 30.7 21.5 39.9



#53
m,p-Xylene
Concen: 50.610 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU050520.D
Acq: 30 Aug 2022 16:56

Tgt Ion: 106 Resp: 236193
Ion Ratio Lower Upper
106 100
91 205.4 145.1 269.5

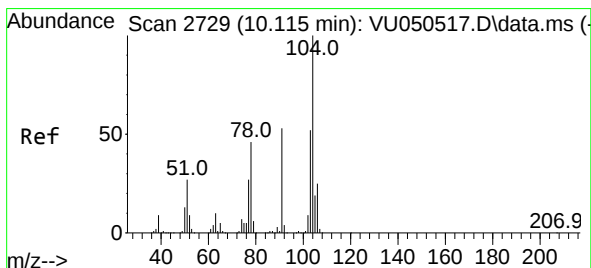
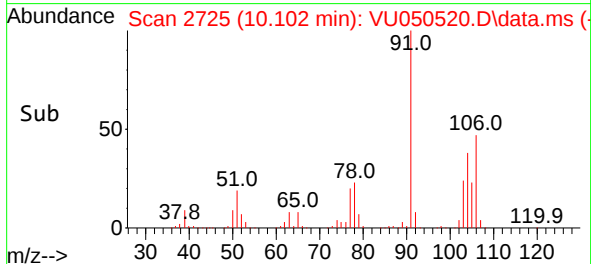
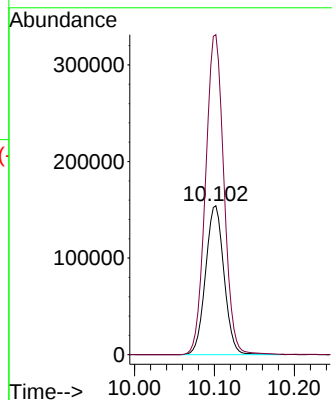
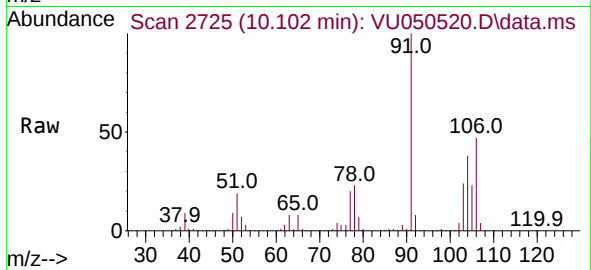




#54
o-Xylene
Concen: 52.314 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU050520.D
Acq: 30 Aug 2022 16:56

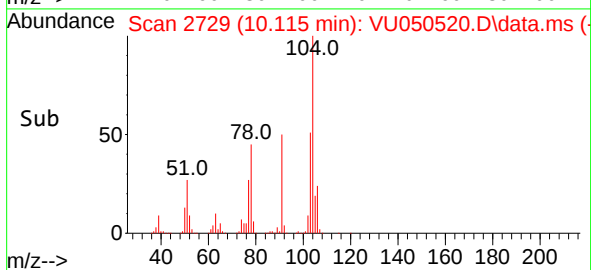
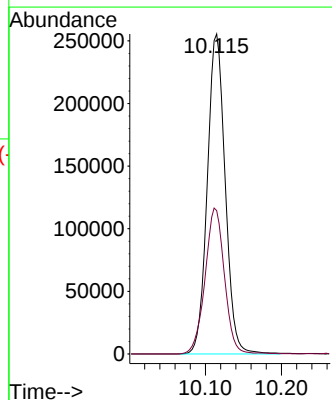
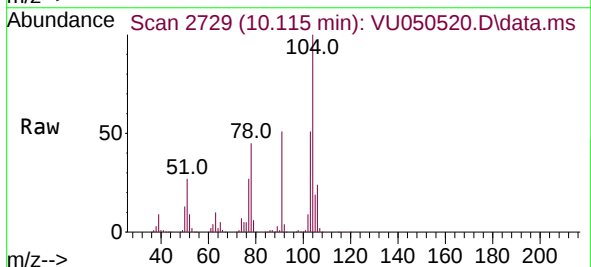
Instrument :
MSVOA_U
ClientSampleId :
VICV018

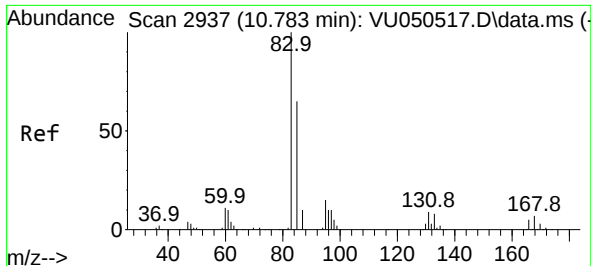
Tgt Ion:106 Resp: 248364
Ion Ratio Lower Upper
106 100
91 214.9 152.0 282.2



#55
Styrene
Concen: 52.976 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU050520.D
Acq: 30 Aug 2022 16:56

Tgt Ion:104 Resp: 417356
Ion Ratio Lower Upper
104 100
78 44.8 32.0 59.4





#57

1,1,2,2-Tetrachloroethane

Concen: 49.866 ug/L

RT: 10.780 min Scan# 2937

Delta R.T. -0.003 min

Lab File: VU050520.D

Acq: 30 Aug 2022 16:56

Instrument :

MSVOA_U

ClientSampleId :

VICV018

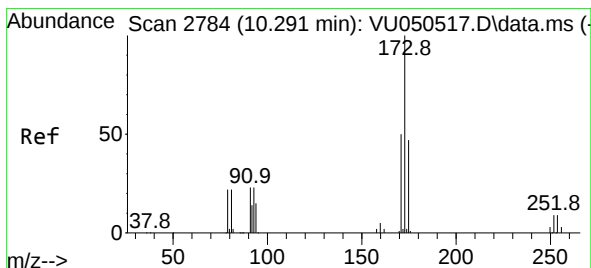
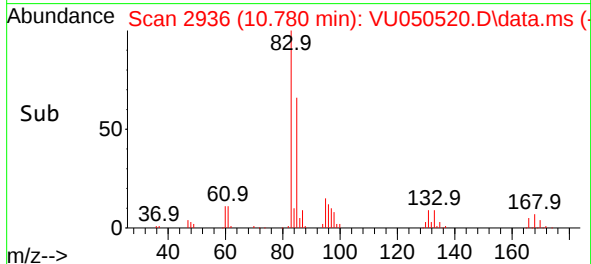
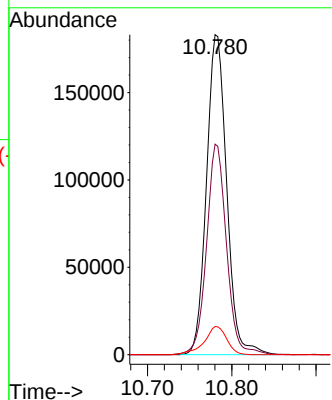
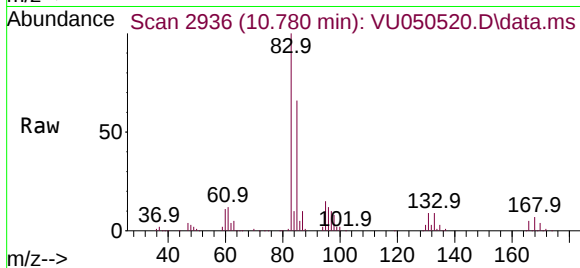
Tgt Ion: 83 Resp: 305003

Ion Ratio Lower Upper

83 100

85 65.8 45.3 84.1

131 8.8 7.2 10.8



#59

Bromoform

Concen: 48.878 ug/L

RT: 10.291 min Scan# 2784

Delta R.T. 0.000 min

Lab File: VU050520.D

Acq: 30 Aug 2022 16:56

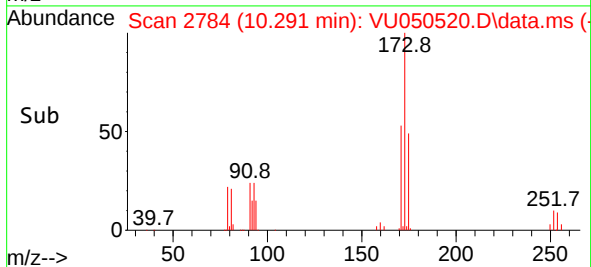
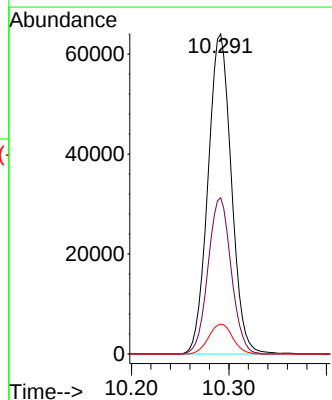
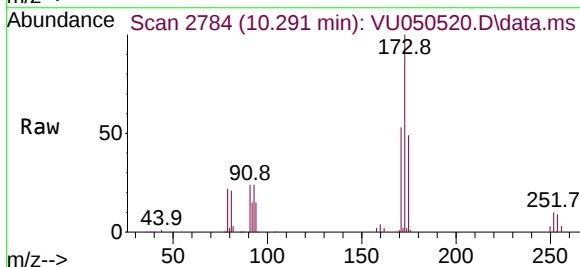
Tgt Ion:173 Resp: 106683

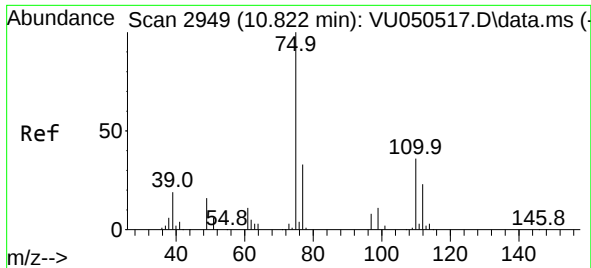
Ion Ratio Lower Upper

173 100

175 48.2 37.8 56.8

254 9.6 7.7 11.5

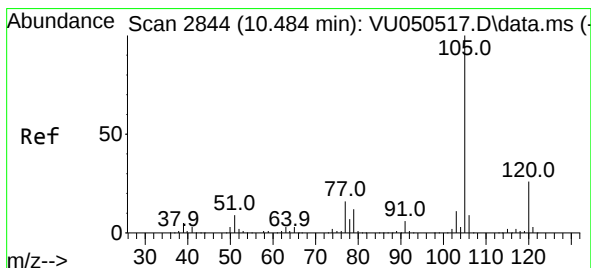
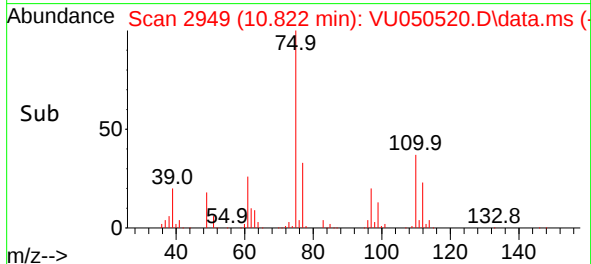
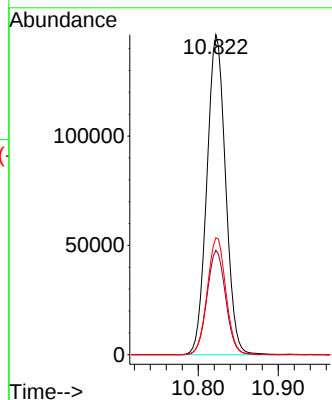
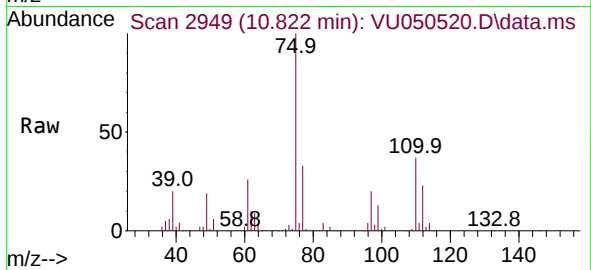




#60
1,2,3-Trichloropropane
Concen: 48.724 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU050520.D
Acq: 30 Aug 2022 16:56

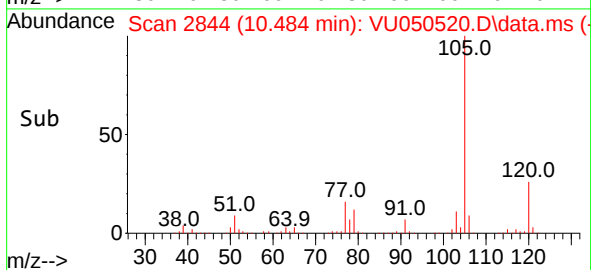
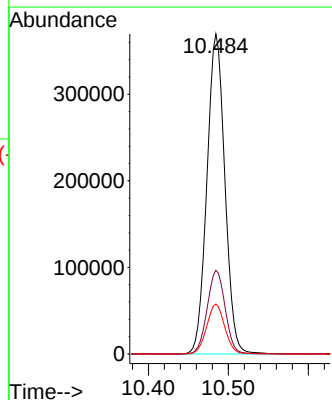
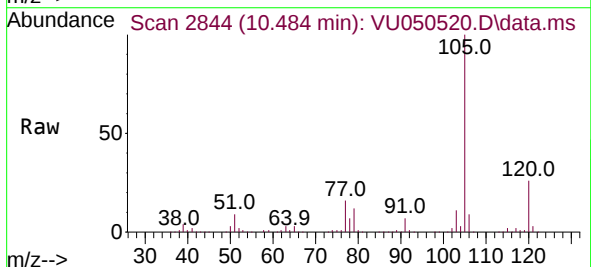
Instrument :
MSVOA_U
ClientSampleId :
VICV018

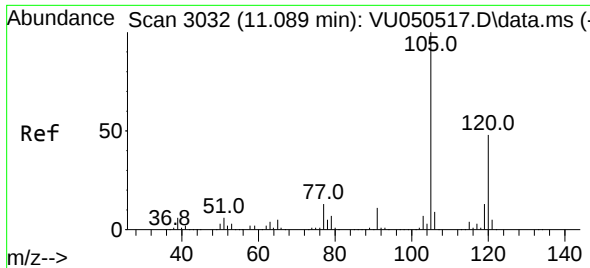
Tgt Ion: 75 Resp: 238425
Ion Ratio Lower Upper
75 100
77 32.6 26.2 39.4
110 36.4 29.0 43.6



#61
Isopropylbenzene
Concen: 49.679 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU050520.D
Acq: 30 Aug 2022 16:56

Tgt Ion: 105 Resp: 577442
Ion Ratio Lower Upper
105 100
120 26.2 20.6 31.0
77 15.7 12.6 19.0

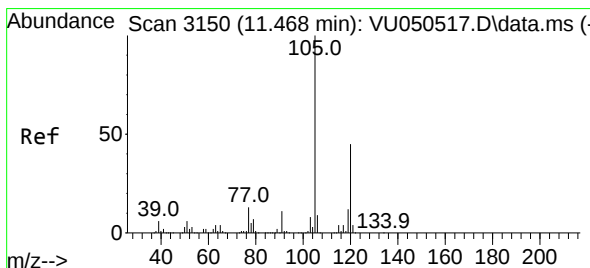
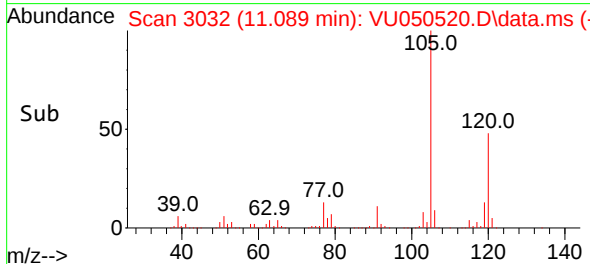
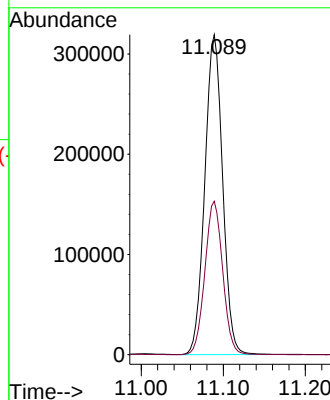
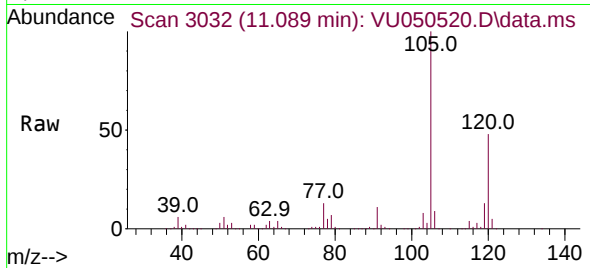




#62
1,3,5-Trimethylbenzene
Concen: 50.511 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU050520.D
Acq: 30 Aug 2022 16:56

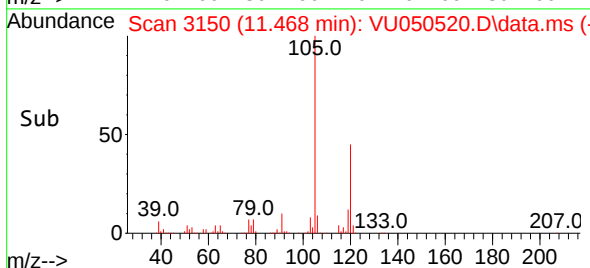
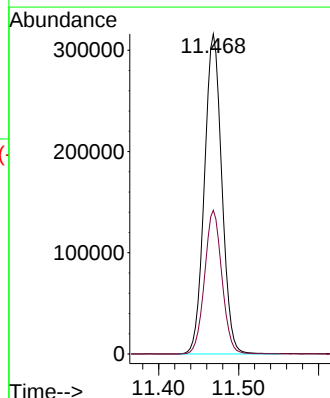
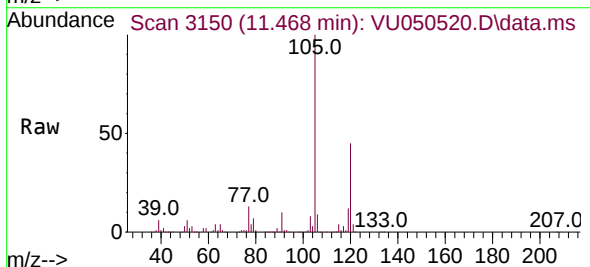
Instrument :
MSVOA_U
ClientSampleId :
VICV018

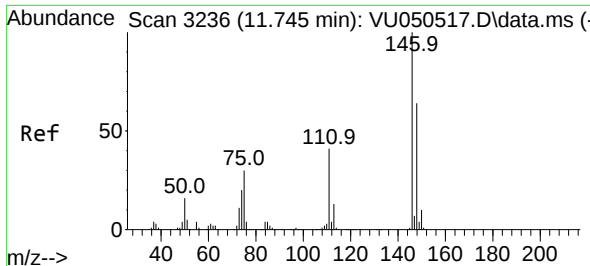
Tgt Ion:105 Resp: 482660
Ion Ratio Lower Upper
105 100
120 48.0 38.2 57.2



#63
1,2,4-Trimethylbenzene
Concen: 51.592 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU050520.D
Acq: 30 Aug 2022 16:56

Tgt Ion:105 Resp: 478839
Ion Ratio Lower Upper
105 100
120 44.6 35.6 53.4

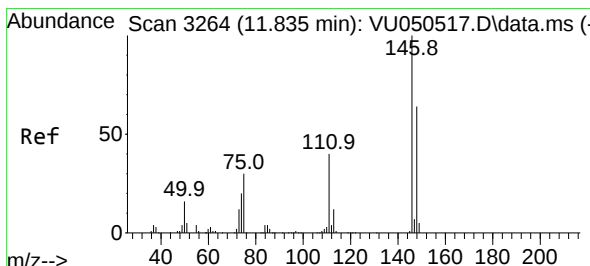
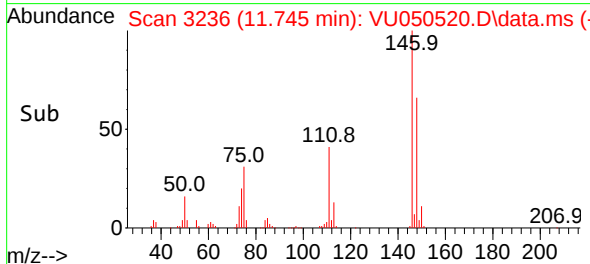
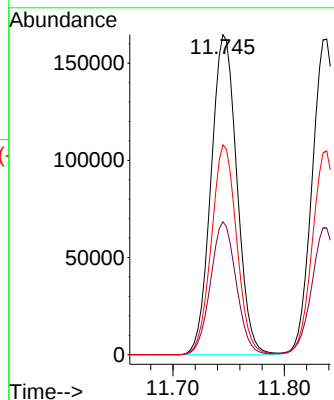
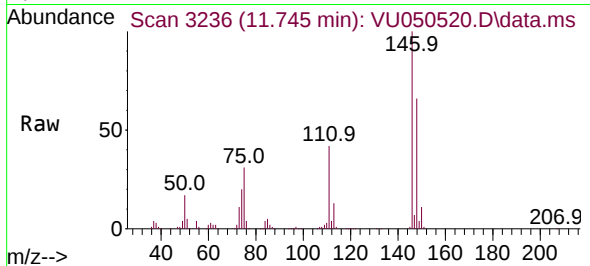




#64
1,3-Dichlorobenzene
Concen: 47.921 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU050520.D
Acq: 30 Aug 2022 16:56

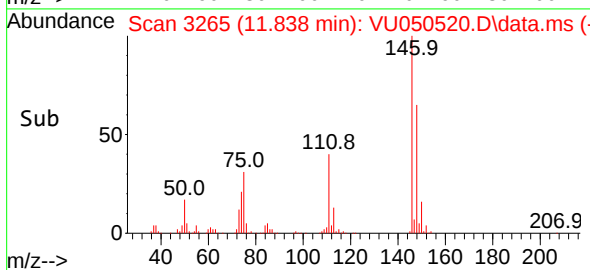
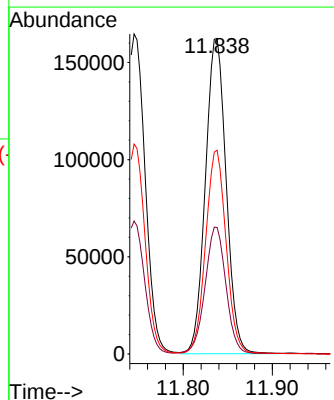
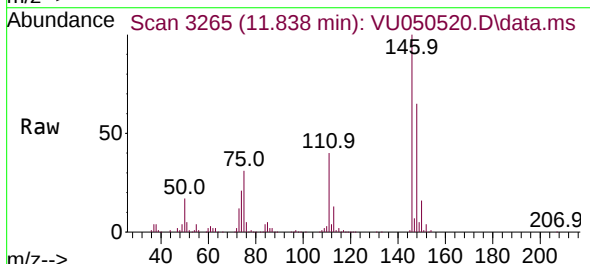
Instrument :
MSVOA_U
ClientSampleId :
VICV018

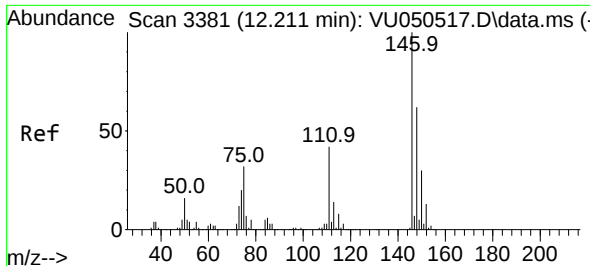
Tgt Ion:146 Resp: 265781
Ion Ratio Lower Upper
146 100
111 41.5 28.4 52.8
148 65.6 45.0 83.6



#65
1,4-Dichlorobenzene
Concen: 46.722 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU050520.D
Acq: 30 Aug 2022 16:56

Tgt Ion:146 Resp: 262767
Ion Ratio Lower Upper
146 100
111 40.1 28.2 52.4
148 64.6 45.0 83.6





#67

1,2-Dichlorobenzene

Concen: 48.440 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. 0.000 min

Lab File: VU050520.D

Acq: 30 Aug 2022 16:56

Instrument :

MSVOA_U

ClientSampleId :

VICV018

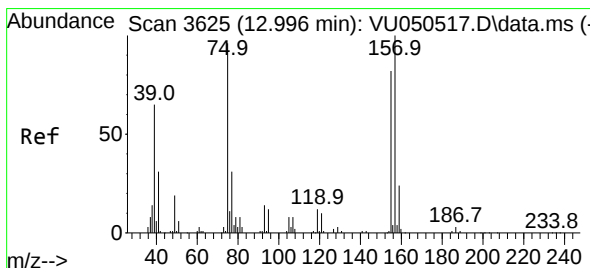
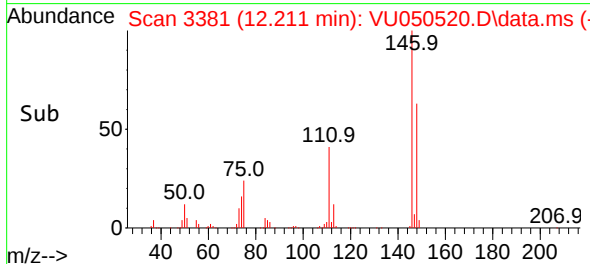
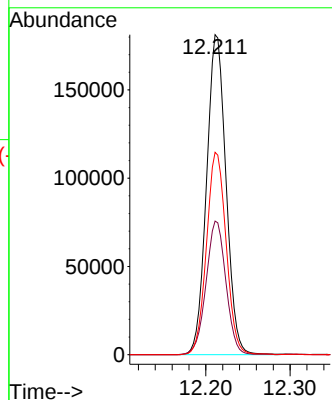
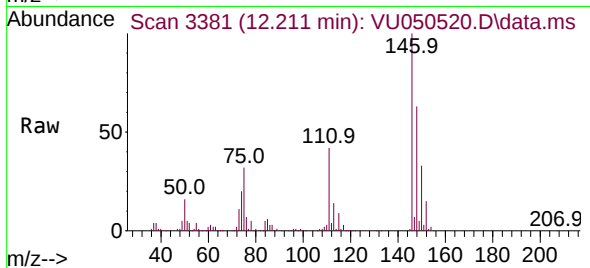
Tgt Ion:146 Resp: 291253

Ion Ratio Lower Upper

146 100

111 41.7 33.4 50.2

148 63.3 49.9 74.9



#68

1,2-Dibromo-3-chloropropane

Concen: 50.149 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. 0.000 min

Lab File: VU050520.D

Acq: 30 Aug 2022 16:56

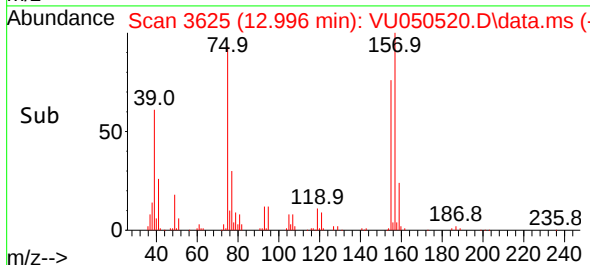
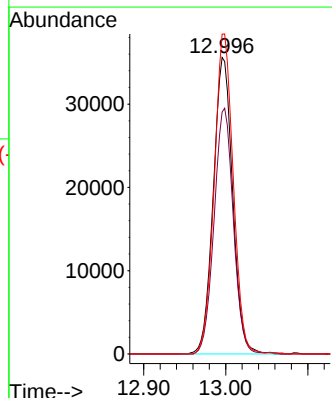
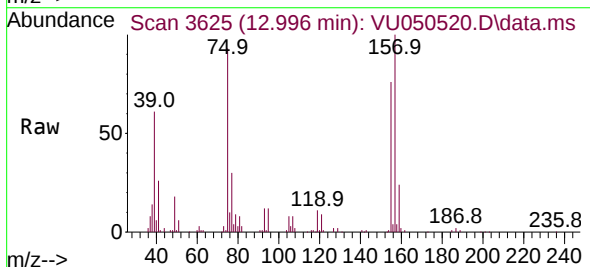
Tgt Ion: 75 Resp: 58560

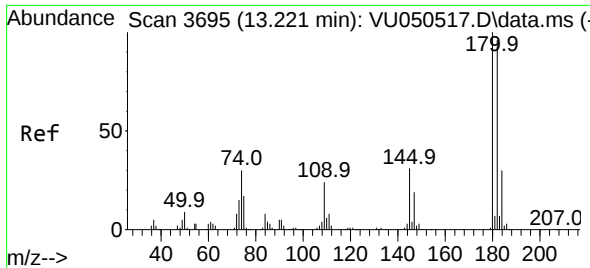
Ion Ratio Lower Upper

75 100

155 81.6 71.4 107.2

157 111.7 83.2 124.8

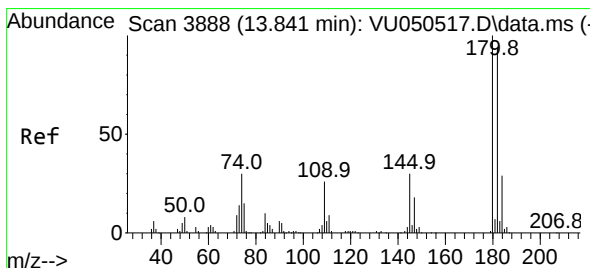
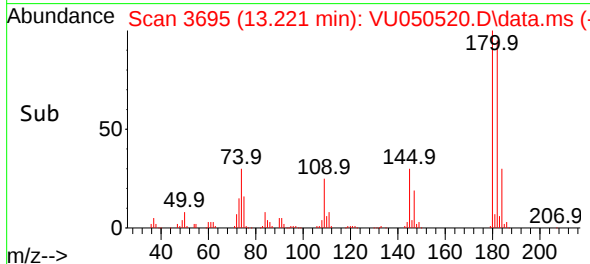
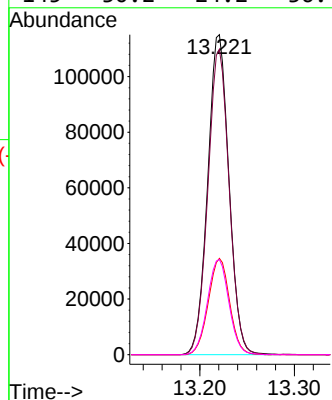
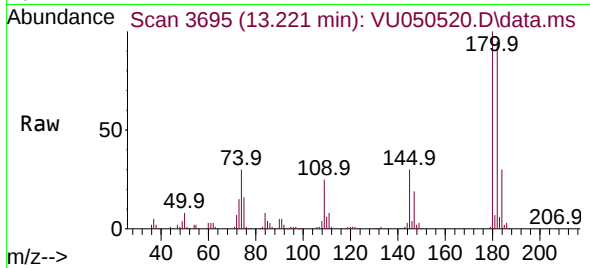




#69
 1,3,5-Trichlorobenzene
 Concen: 47.324 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.000 min
 Lab File: VU050520.D
 Acq: 30 Aug 2022 16:56

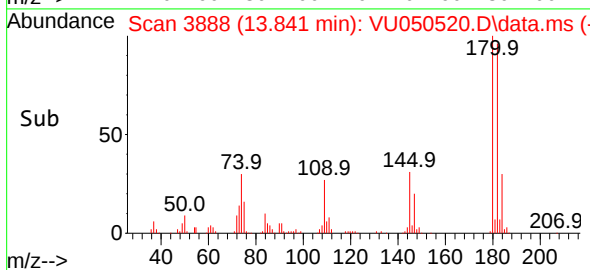
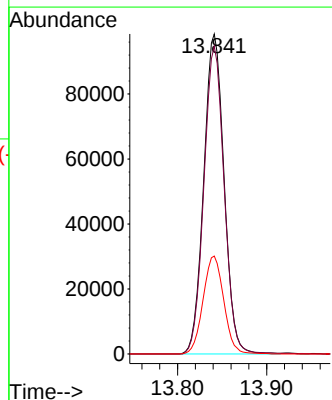
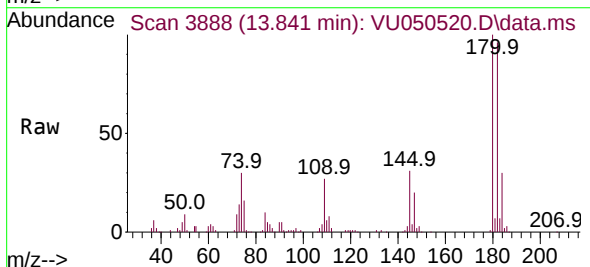
Instrument :
 MSVOA_U
 ClientSampleId :
 VICV018

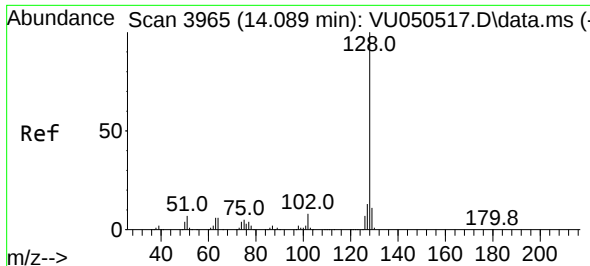
Tgt Ion:180 Resp: 179611
 Ion Ratio Lower Upper
 180 100
 182 95.5 76.3 114.5
 184 30.2 24.4 36.6
 145 30.2 24.2 36.4



#70
 1,2,4-trichlorobenzene
 Concen: 46.258 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU050520.D
 Acq: 30 Aug 2022 16:56

Tgt Ion:180 Resp: 156158
 Ion Ratio Lower Upper
 180 100
 182 95.5 76.6 115.0
 145 31.0 24.2 36.4

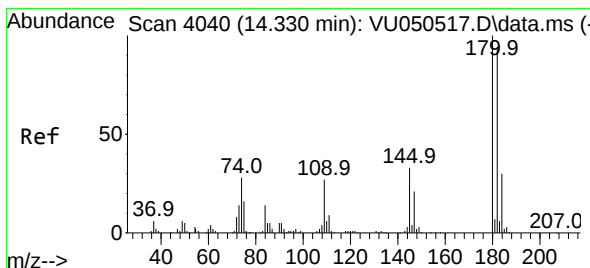
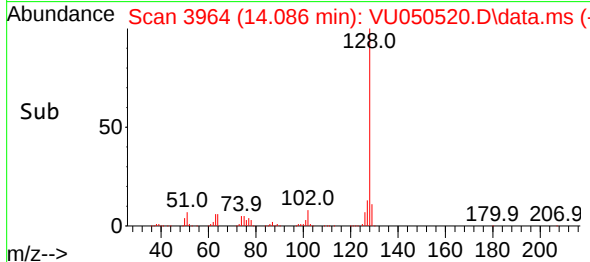
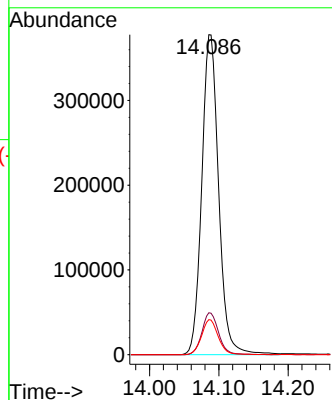
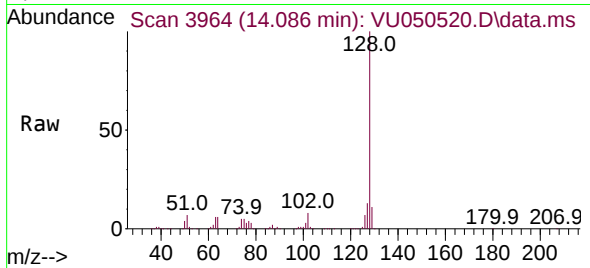




#71
Naphthalene
Concen: 46.084 ug/L
RT: 14.086 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VU050520.D
Acq: 30 Aug 2022 16:56

Instrument :
MSVOA_U
ClientSampleId :
VICV018

Tgt Ion:128 Resp: 638289
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.8 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 46.149 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU050520.D
Acq: 30 Aug 2022 16:56

Tgt Ion:180 Resp: 180047
Ion Ratio Lower Upper
180 100
182 95.3 76.0 114.0
145 32.7 26.2 39.2

