

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061422\
 Data File : VU049134.D
 Acq On : 14 Jun 2022 22:54
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK086

Quant Time: Jun 15 03:21:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 15 03:15:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	143977	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	128330	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	66753	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	61159	4.861	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	97.200%	
7) Chloroethane-d5	1.912	69	42665	5.009	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	100.200%	
11) 1,1-Dichloroethene-d2	2.568	65	23931	4.729	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	94.600%	
20) 2-Butanone-d5	4.636	46	195132	58.091	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	116.180%	
24) Chloroform-d	5.063	84	101417	5.138	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.800%	
26) 1,2-Dichloroethane-d4	5.703	65	55361	5.113	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.200%	
32) Benzene-d6	5.729	84	199128	5.151	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.000%	
36) 1,2-Dichloropropane-d6	6.690	67	67512	5.145	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	103.000%	
41) Toluene-d8	7.899	98	181154	5.204	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.000%	
43) trans-1,3-Dichloroprop...	8.179	79	27704	4.753	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	95.000%	
46) 2-Hexanone-d5	8.635	63	127267	54.122	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	108.240%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	57046	5.430	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	108.600%	
66) 1,2-Dichlorobenzene-d4	12.192	152	66590	5.199	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	104.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	64825	5.274	ug/L	100
3) Chloromethane	1.520	50	70057	5.192	ug/L	100
5) Vinyl chloride	1.604	62	65192	5.386	ug/L	99
6) Bromomethane	1.858	94	33794	5.074	ug/L	98
8) Chloroethane	1.935	64	34889	4.980	ug/L	98
9) Trichlorofluoromethane	2.137	101	76344	5.435	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	44157	5.310	ug/L	99
12) 1,1-Dichloroethene	2.581	96	43003	5.312	ug/L	94
13) Acetone	2.649	43	97264	58.505	ug/L	99
14) Carbon disulfide	2.793	76	139112	5.202	ug/L	99
15) Methyl Acetate	2.957	43	24984	5.619	ug/L	99
16) Methylene chloride	3.044	84	50629	4.754	ug/L	90
17) Methyl tert-butyl Ether	3.366	73	131174	5.357	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	47020	5.242	ug/L	95
19) 1,1-Dichloroethane	3.870	63	94454	5.341	ug/L	96
21) 2-Butanone	4.716	43	186178	58.730	ug/L	100
22) cis-1,2-Dichloroethene	4.668	96	51747	5.158	ug/L	99
23) Bromochloromethane	4.976	128	23438	5.458	ug/L	99
25) Chloroform	5.089	83	93127	5.246	ug/L	98

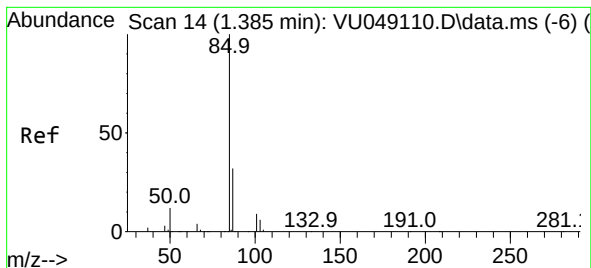
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 Data File : VU049134.D
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	63447	5.426	ug/L	99
29) 1,1,1-Trichloroethane	5.317	97	80726	5.264	ug/L	98
30) Cyclohexane	5.388	56	92907	5.330	ug/L	98
31) Carbon tetrachloride	5.526	117	70221	5.469	ug/L	97
33) Benzene	5.774	78	208995	5.473	ug/L	100
34) Trichloroethene	6.542	95	52647	5.394	ug/L	98
35) Methylcyclohexane	6.764	83	89760	5.483	ug/L	97
37) 1,2-Dichloropropane	6.790	63	57780	5.507	ug/L	100
38) Bromodichloromethane	7.105	83	69615	5.428	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	79812	5.004	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	446336	57.257	ug/L	99
42) Toluene	7.970	91	218325	5.392	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	70496	5.089	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	38719	5.294	ug/L	96
47) Tetrachloroethene	8.552	164	37883	5.628	ug/L	93
48) 2-Hexanone	8.687	43	338146	60.774	ug/L	99
49) Dibromochloromethane	8.809	129	45452	5.447	ug/L	99
50) 1,2-Dibromoethane	8.925	107	38483	5.675	ug/L	97
51) Chlorobenzene	9.446	112	132143	5.359	ug/L	97
52) Ethylbenzene	9.571	91	236104	5.339	ug/L	100
53) m,p-Xylene	9.693	106	87831	5.344	ug/L	98
54) o-Xylene	10.098	106	86994	5.339	ug/L	97
55) Styrene	10.115	104	144994	5.313	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	53102	5.486	ug/L	98
59) Bromoform	10.291	173	26383	5.262	ug/L	100
60) Isopropylbenzene	10.484	105	231445	5.090	ug/L	100
61) 1,2,3-Trichloropropane	10.822	75	38373	5.124	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	202569	5.047	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	199780	5.025	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	99071	5.091	ug/L	96
65) 1,4-Dichlorobenzene	11.835	146	95536	4.968	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	95544	5.160	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.995	75	9987	4.893	ug/L	91
69) 1,3,5-Trichlorobenzene	13.220	180	72798	4.989	ug/L	96
70) 1,2,4-trichlorobenzene	13.841	180	60845	5.245	ug/L	98
71) Naphthalene	14.085	128	121296	5.262	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	58266	5.342	ug/L	99

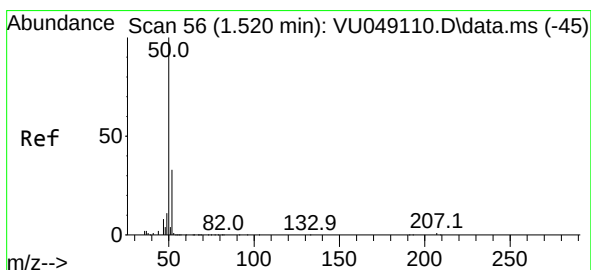
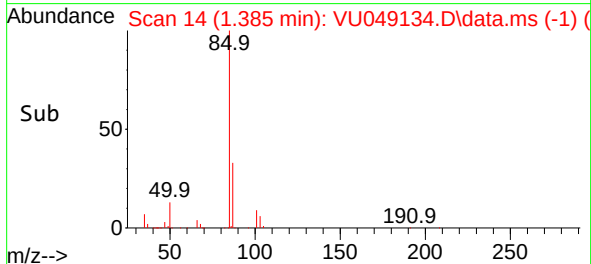
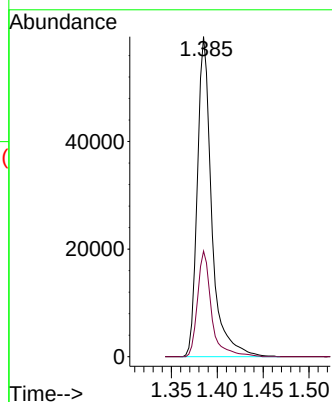
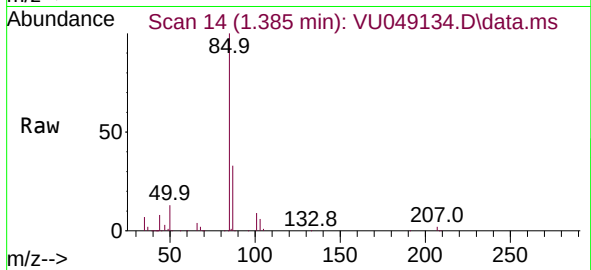
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 5.274 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU049134.D
Acq: 14 Jun 2022 22:54

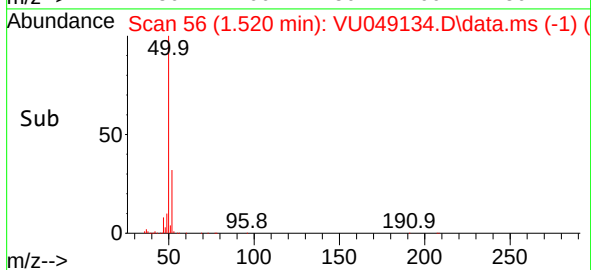
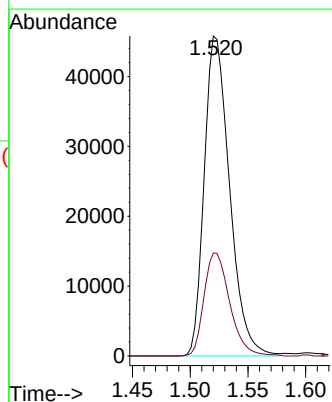
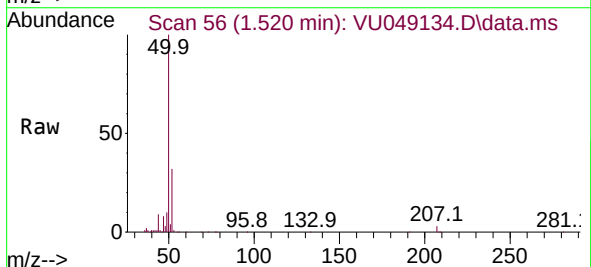
Instrument :
MSVOA_U
ClientSampleId :
VBLK086

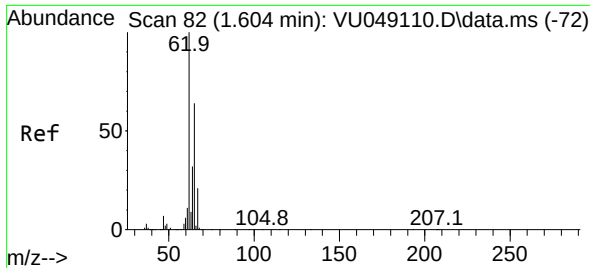
Tgt Ion: 85 Resp: 64825
Ion Ratio Lower Upper
85 100
87 32.1 25.5 38.3



#3
Chloromethane
Concen: 5.192 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU049134.D
Acq: 14 Jun 2022 22:54

Tgt Ion: 50 Resp: 70057
Ion Ratio Lower Upper
50 100
52 32.2 22.7 42.1

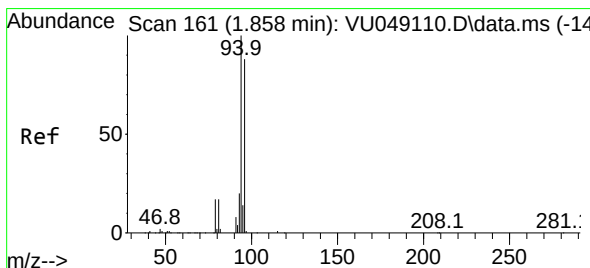
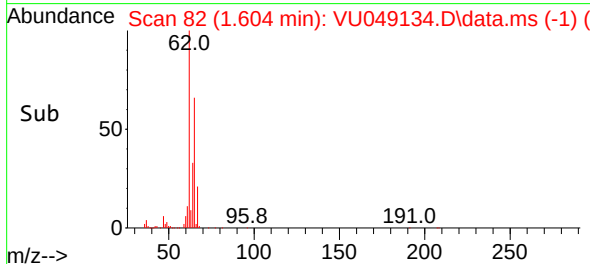
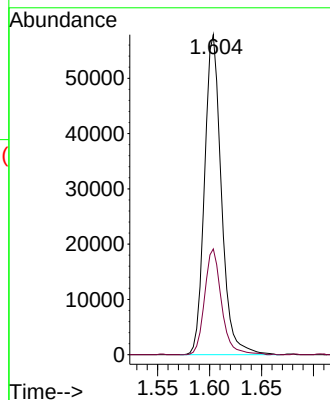
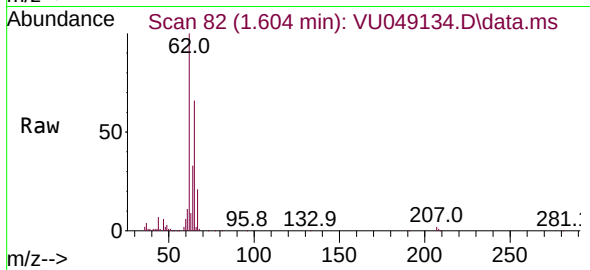




#5
 Vinyl chloride
 Concen: 5.386 ug/L
 RT: 1.604 min Scan# 82
 Delta R.T. -0.000 min
 Lab File: VU049134.D
 Acq: 14 Jun 2022 22:54

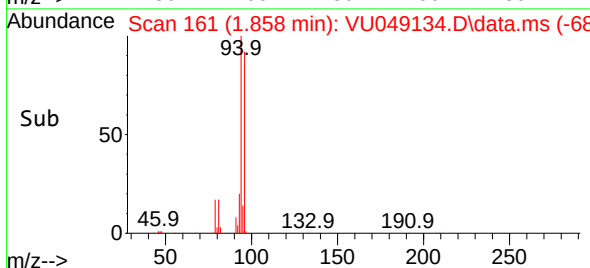
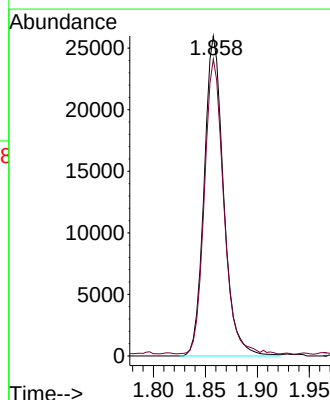
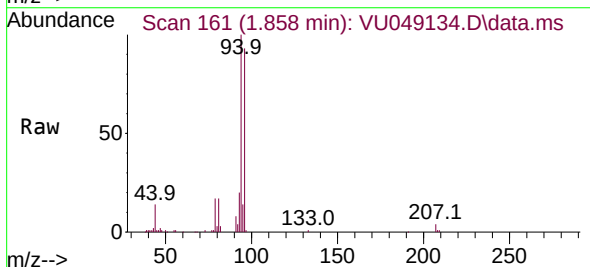
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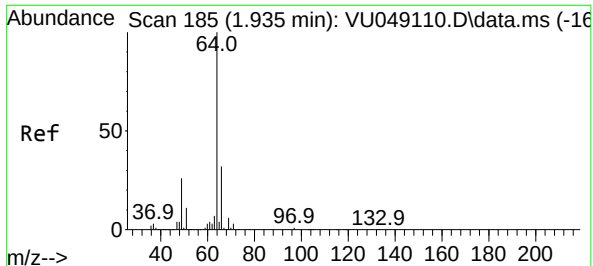
Tgt Ion: 62 Resp: 65192
 Ion Ratio Lower Upper
 62 100
 64 33.0 22.8 42.4



#6
 Bromomethane
 Concen: 5.074 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. -0.000 min
 Lab File: VU049134.D
 Acq: 14 Jun 2022 22:54

Tgt Ion: 94 Resp: 33794
 Ion Ratio Lower Upper
 94 100
 96 92.7 66.4 123.4

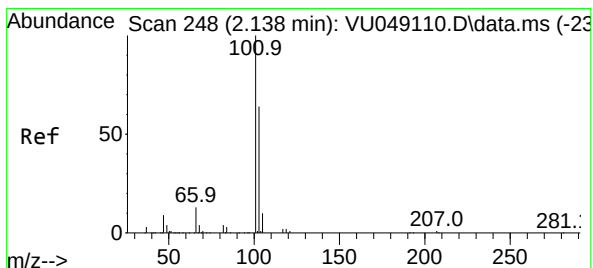
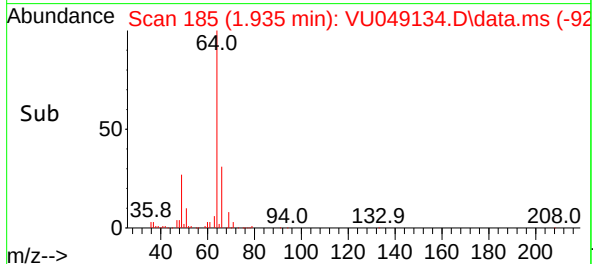
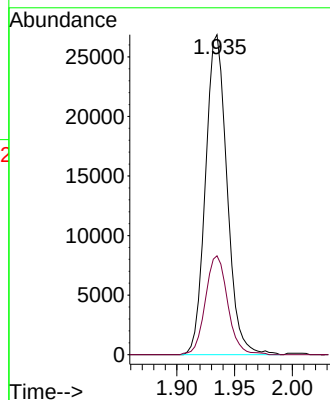
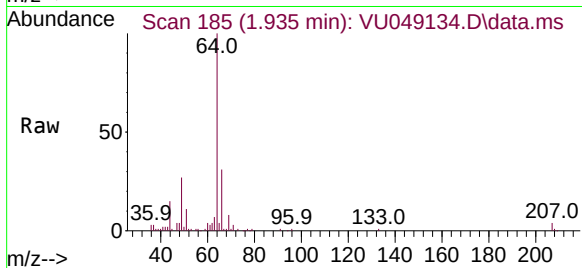




#8
Chloroethane
Concen: 4.980 ug/L
RT: 1.935 min Scan# 185
Delta R.T. -0.000 min
Lab File: VU049134.D
Acq: 14 Jun 2022 22:54

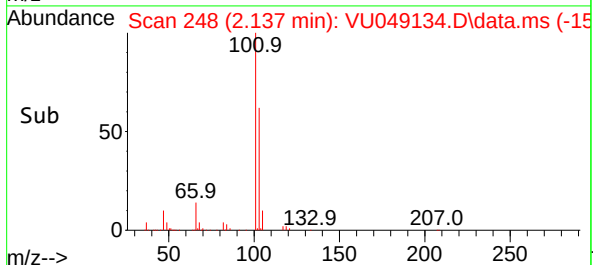
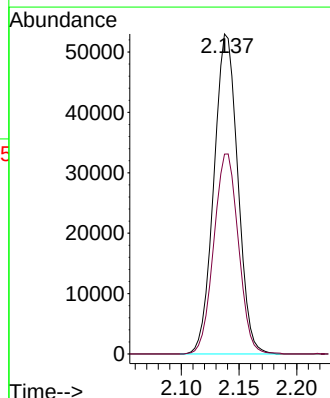
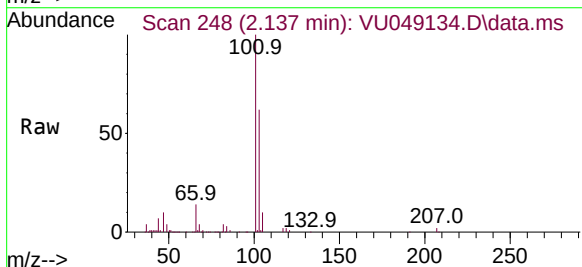
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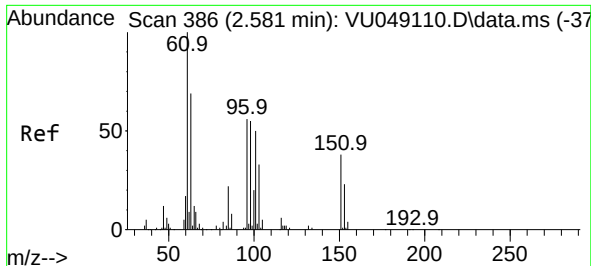
Tgt Ion: 64 Resp: 34889
Ion Ratio Lower Upper
64 100
66 30.9 20.9 38.9



#9
Trichlorofluoromethane
Concen: 5.435 ug/L
RT: 2.137 min Scan# 248
Delta R.T. -0.000 min
Lab File: VU049134.D
Acq: 14 Jun 2022 22:54

Tgt Ion: 101 Resp: 76344
Ion Ratio Lower Upper
101 100
103 64.4 53.5 80.3





#10

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

Concen: 5.310 ug/L

RT: 2.581 min Scan# 386

Delta R.T. -0.000 min

Lab File: VU049134.D

Acq: 14 Jun 2022 22:54

Instrument :

MSVOA_U

ClientSampleId :

VBLK086

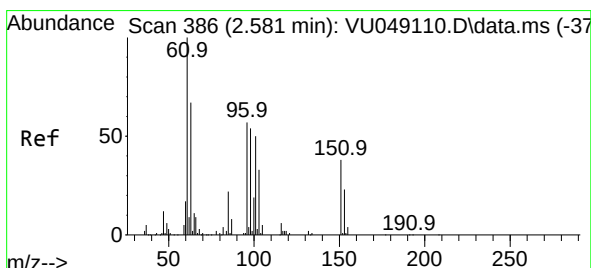
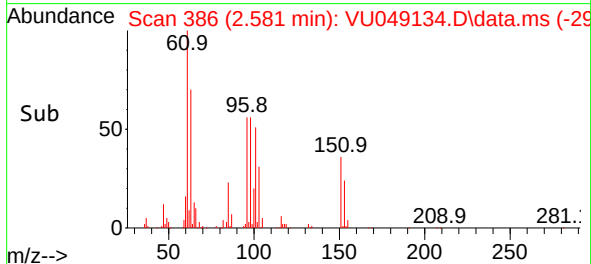
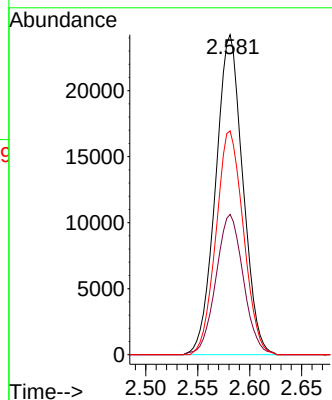
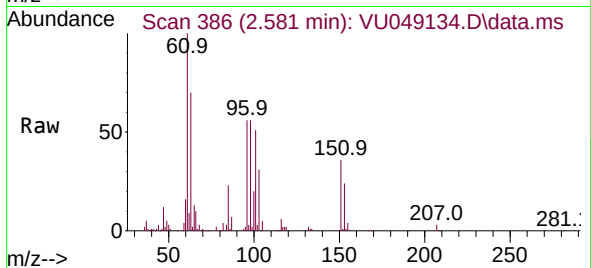
Tgt Ion:101 Resp: 44157

Ion Ratio Lower Upper

101 100

85 44.2 36.1 54.1

151 70.4 56.8 85.2



#12

1,1-Dichloroethene

Concen: 5.312 ug/L

RT: 2.581 min Scan# 386

Delta R.T. -0.000 min

Lab File: VU049134.D

Acq: 14 Jun 2022 22:54

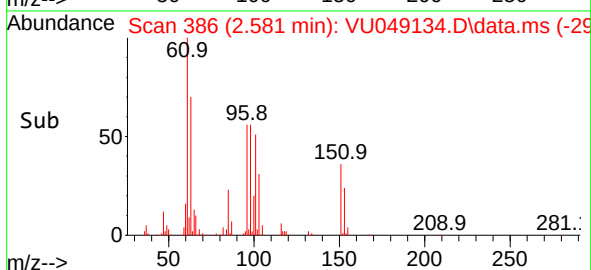
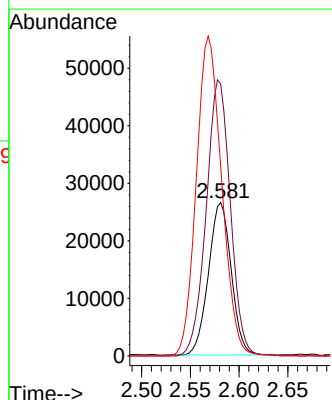
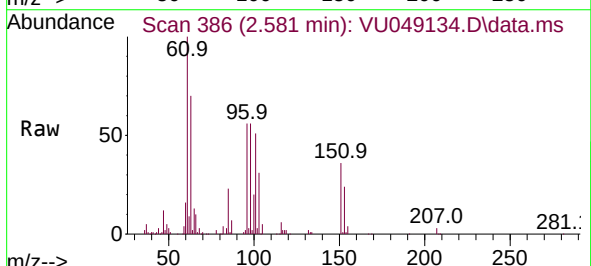
Tgt Ion: 96 Resp: 43003

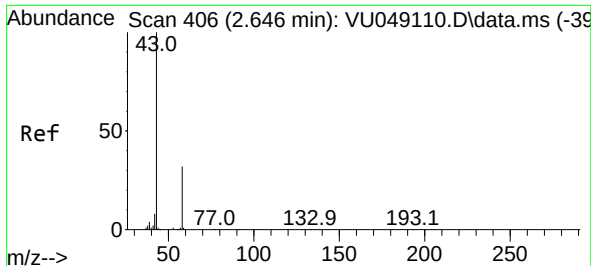
Ion Ratio Lower Upper

96 100

61 177.3 127.2 236.2

63 123.7 94.7 175.9





#13

Acetone

Concen: 58.505 ug/L

RT: 2.649 min Scan# 406

Delta R.T. 0.003 min

Lab File: VU049134.D

Acq: 14 Jun 2022 22:54

Instrument :

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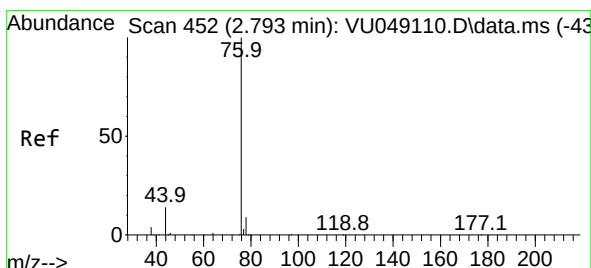
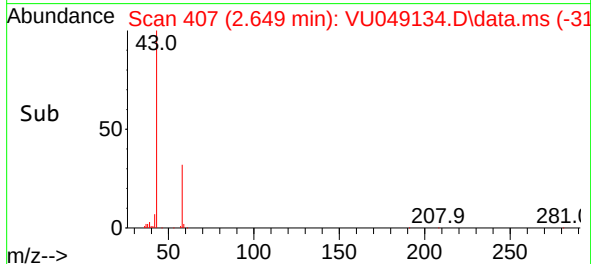
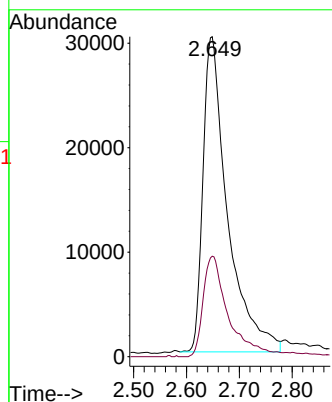
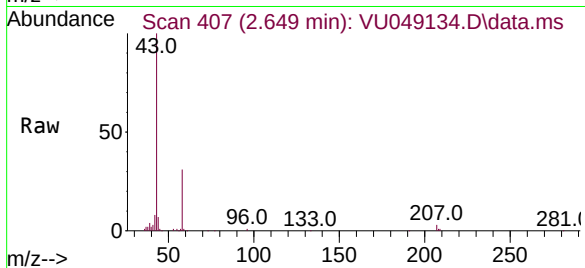
VBLK086

Tgt Ion: 43 Resp: 97264

Ion Ratio Lower Upper

43 100

58 32.3 0.0 65.8



#14

Carbon disulfide

Concen: 5.202 ug/L

RT: 2.793 min Scan# 452

Delta R.T. -0.000 min

Lab File: VU049134.D

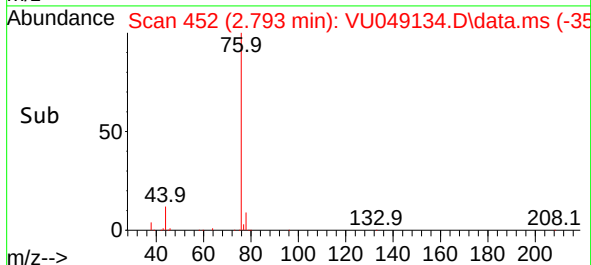
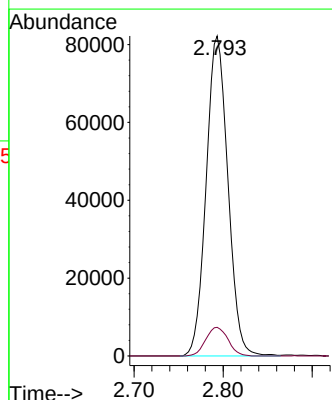
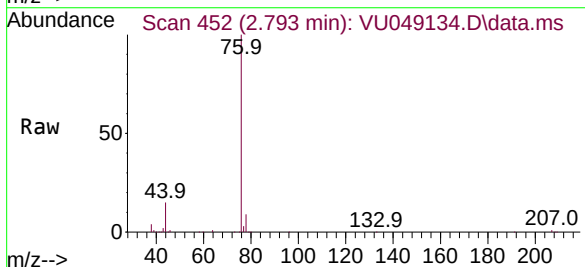
Acq: 14 Jun 2022 22:54

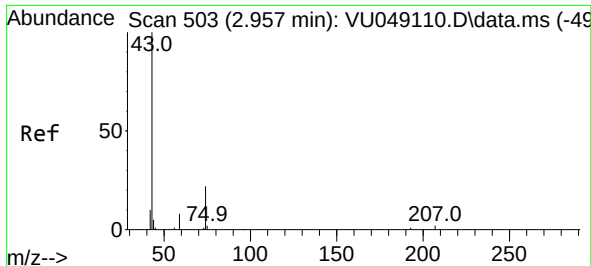
Tgt Ion: 76 Resp: 139112

Ion Ratio Lower Upper

76 100

78 8.9 7.5 11.3

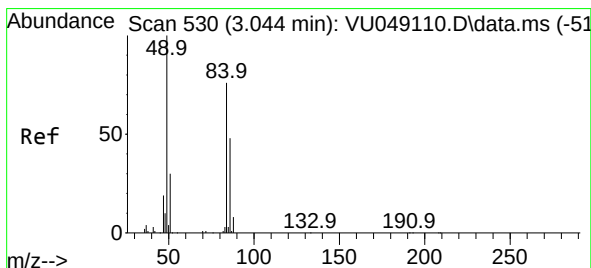
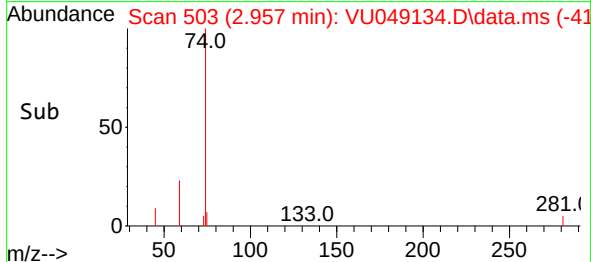
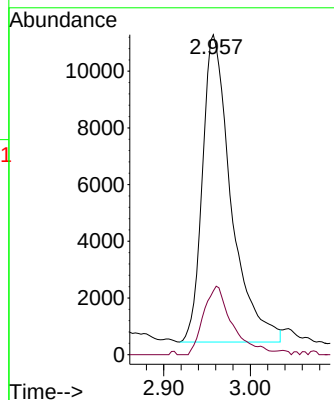
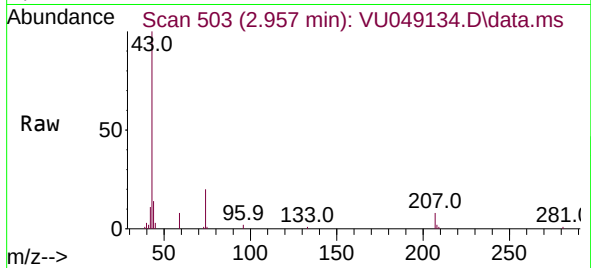




#15
Methyl Acetate
Concen: 5.619 ug/L
RT: 2.957 min Scan# 503
Delta R.T. -0.000 min
Lab File: VU049134.D
Acq: 14 Jun 2022 22:54

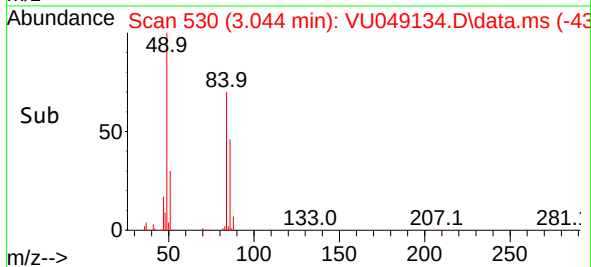
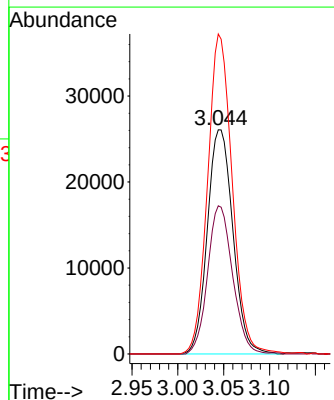
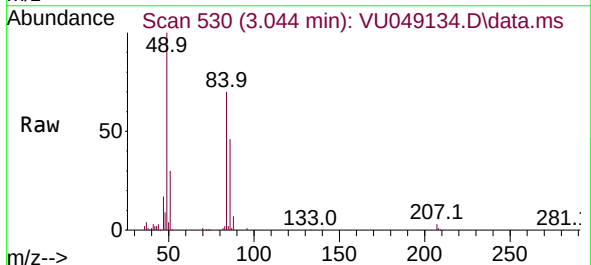
Instrument :
MSVOA_U
ClientSampleId :
VBLK086

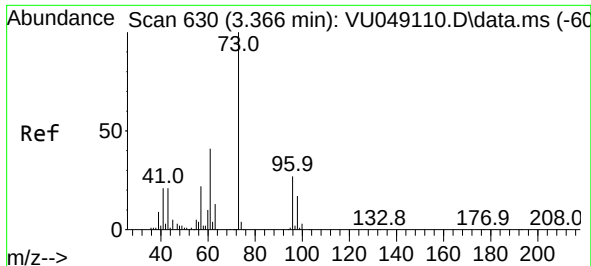
Tgt Ion: 43 Resp: 24984
Ion Ratio Lower Upper
43 100
74 22.3 17.6 26.4



#16
Methylene chloride
Concen: 4.754 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.000 min
Lab File: VU049134.D
Acq: 14 Jun 2022 22:54

Tgt Ion: 84 Resp: 50629
Ion Ratio Lower Upper
84 100
86 66.1 43.6 81.0
49 142.8 90.2 167.6

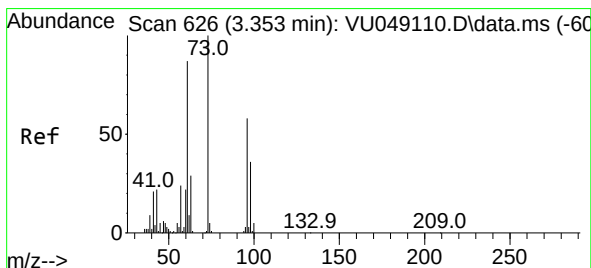
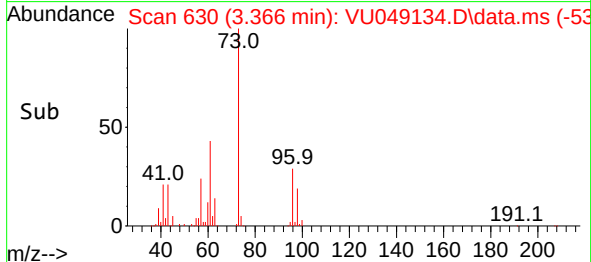
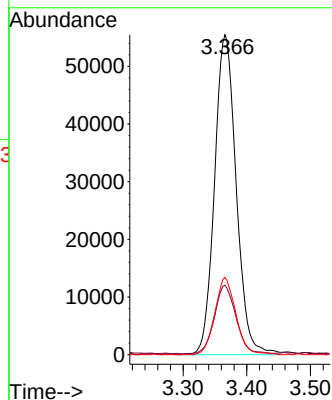
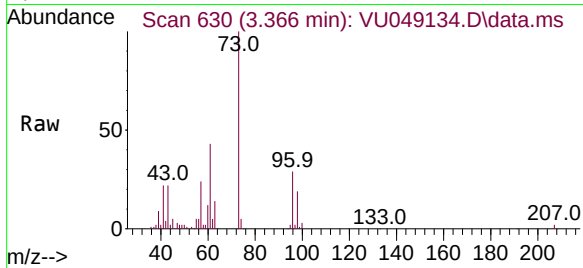




#17
Methyl tert-butyl Ether
Concen: 5.357 ug/L
RT: 3.366 min Scan# 611
Delta R.T. -0.000 min
Lab File: VU049134.D
Acq: 14 Jun 2022 22:54

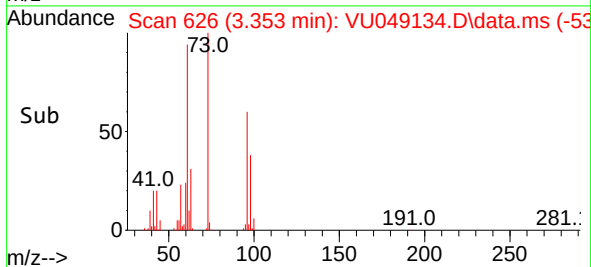
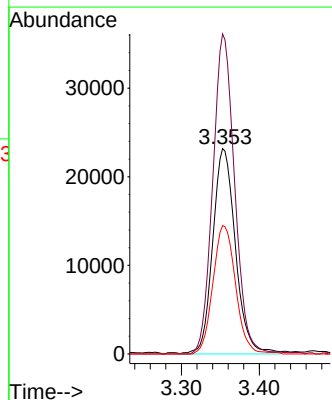
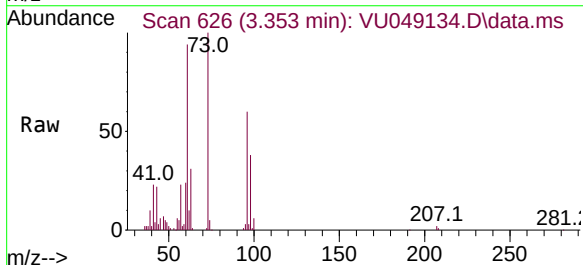
Instrument :
MSVOA_U
ClientSampleId :
VBLK086

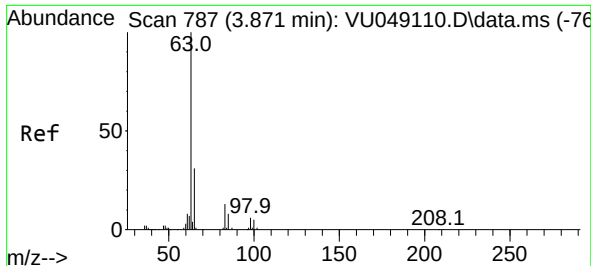
Tgt Ion: 73 Resp: 131174
Ion Ratio Lower Upper
73 100
43 21.2 16.5 24.7
57 23.4 18.6 27.8



#18
trans-1,2-Dichloroethene
Concen: 5.242 ug/L
RT: 3.353 min Scan# 626
Delta R.T. -0.000 min
Lab File: VU049134.D
Acq: 14 Jun 2022 22:54

Tgt Ion: 96 Resp: 47020
Ion Ratio Lower Upper
96 100
61 155.7 103.3 191.9
98 62.5 44.0 81.8





#19

1,1-Dichloroethane

Concen: 5.341 ug/L

RT: 3.870 min Scan# 71

Delta R.T. -0.000 min

Lab File: VU049134.D

Acq: 14 Jun 2022 22:54

Instrument :

MSVOA_U

ClientSampleId :

VBLK086

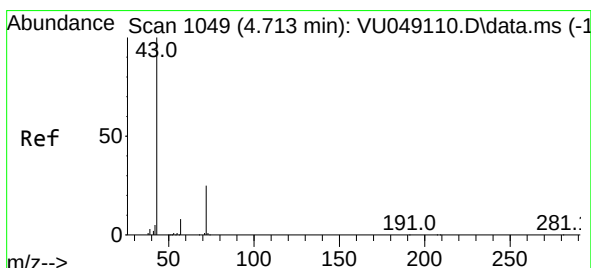
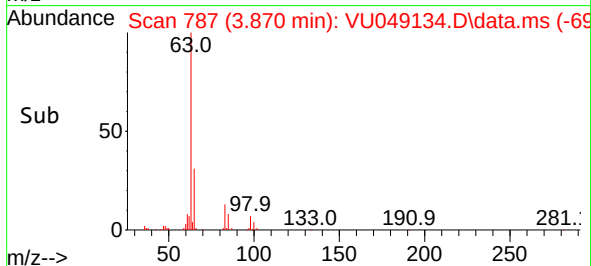
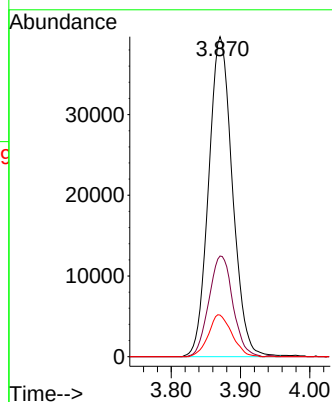
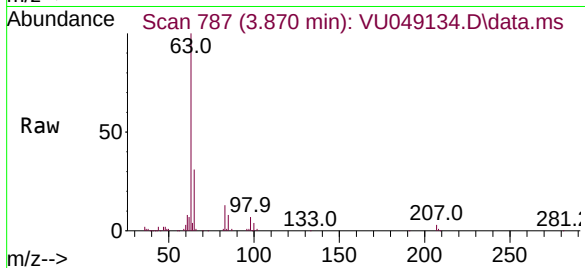
Tgt Ion: 63 Resp: 94454

Ion Ratio Lower Upper

63 100

65 31.4 24.0 44.6

83 13.0 9.1 16.9



#21

2-Butanone

Concen: 58.730 ug/L

RT: 4.716 min Scan# 1050

Delta R.T. 0.003 min

Lab File: VU049134.D

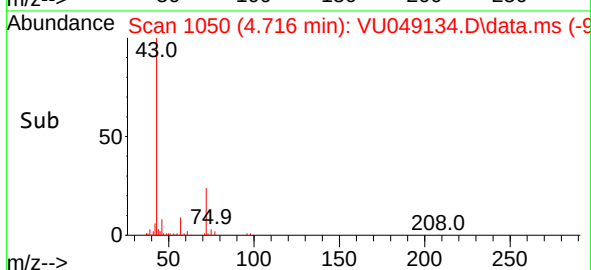
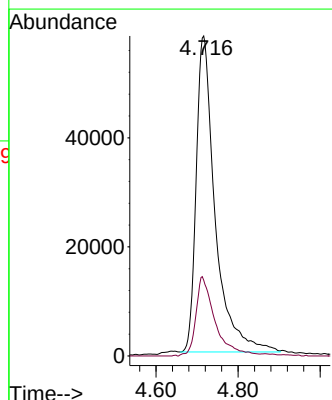
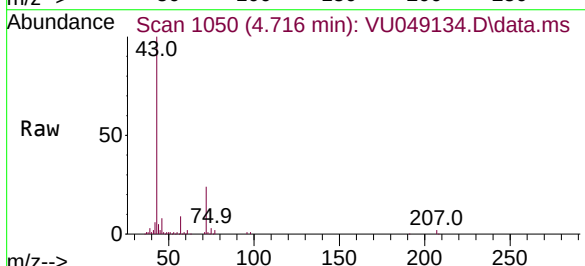
Acq: 14 Jun 2022 22:54

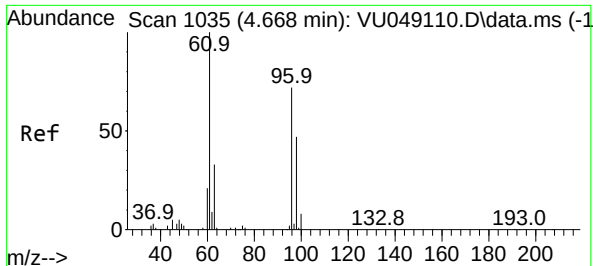
Tgt Ion: 43 Resp: 186178

Ion Ratio Lower Upper

43 100

72 24.6 12.2 36.6





#22

cis-1,2-Dichloroethene

Concen: 5.158 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VU049134.D

Acq: 14 Jun 2022 22:54

Instrument :

MSVOA_U

ClientSampleId :

VBLK086

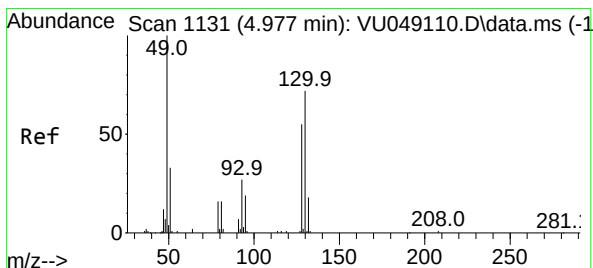
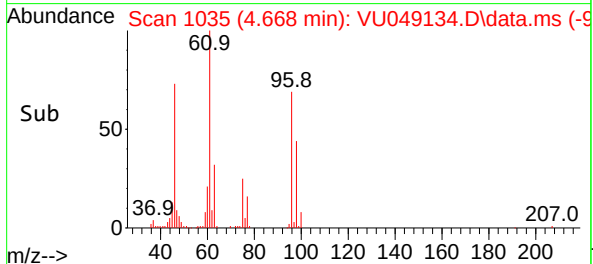
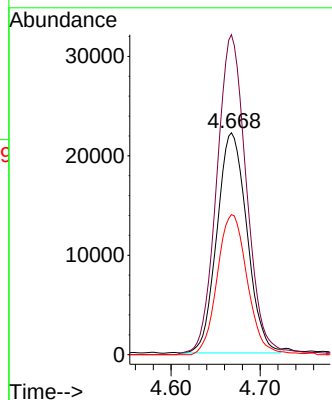
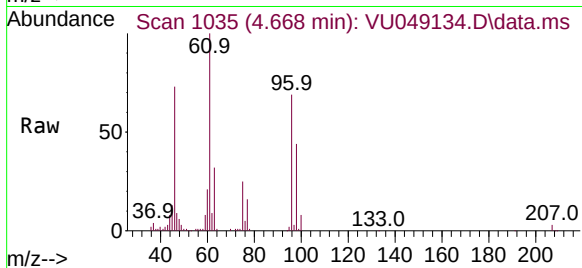
Tgt Ion: 96 Resp: 51747

Ion Ratio Lower Upper

96 100

61 144.2 99.5 184.9

98 63.1 44.8 83.2



#23

Bromochloromethane

Concen: 5.458 ug/L

RT: 4.976 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VU049134.D

Acq: 14 Jun 2022 22:54

Tgt Ion:128 Resp: 23438

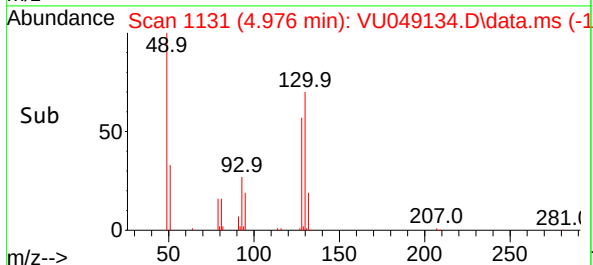
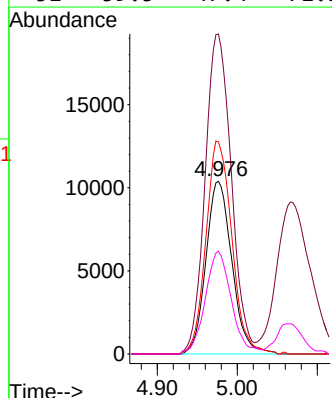
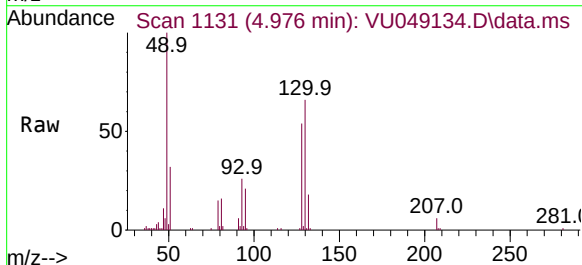
Ion Ratio Lower Upper

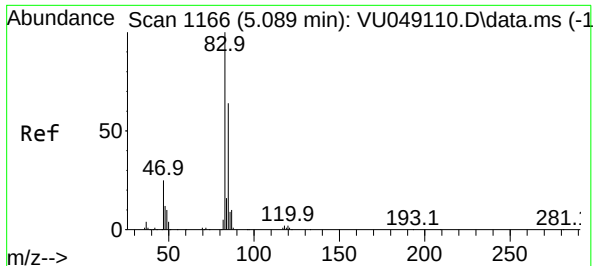
128 100

49 185.3 131.6 244.4

130 122.9 86.9 161.5

51 59.5 47.4 71.2





#25

Chloroform

Concen: 5.246 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. -0.000 min

Lab File: VU049134.D

Acq: 14 Jun 2022 22:54

Instrument :

MSVOA_U

ClientSampleId :

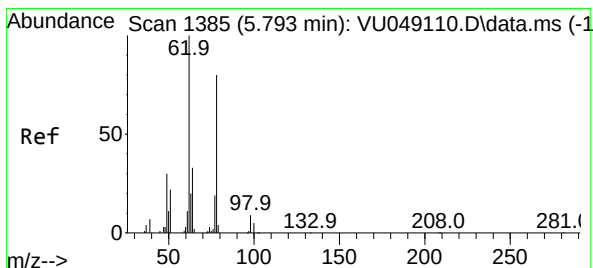
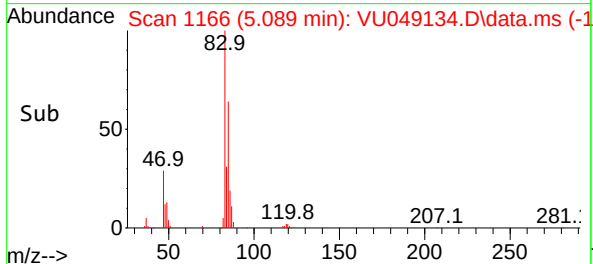
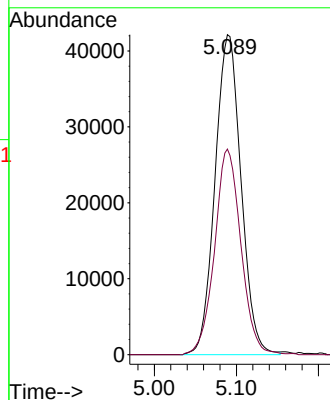
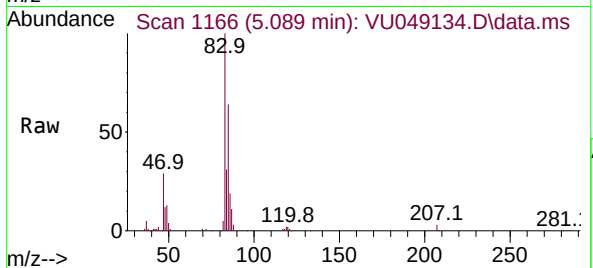
VBLK086

Tgt Ion: 83 Resp: 93127

Ion Ratio Lower Upper

83 100

85 64.2 45.8 85.2



#27

1,2-Dichloroethane

Concen: 5.426 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. 0.003 min

Lab File: VU049134.D

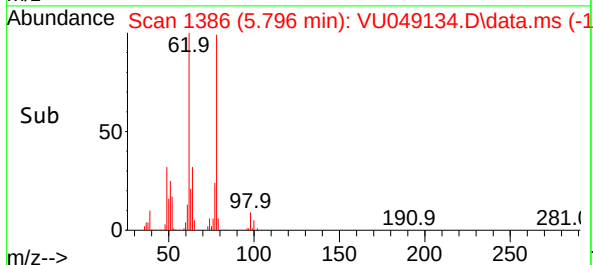
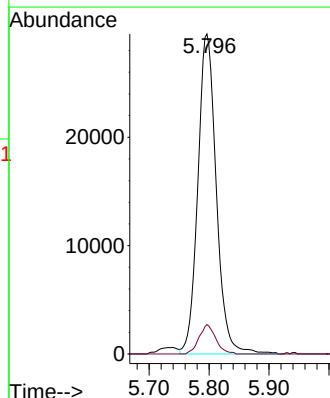
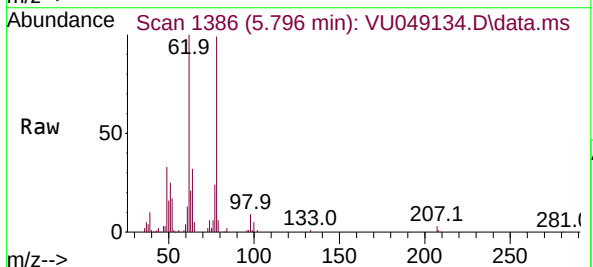
Acq: 14 Jun 2022 22:54

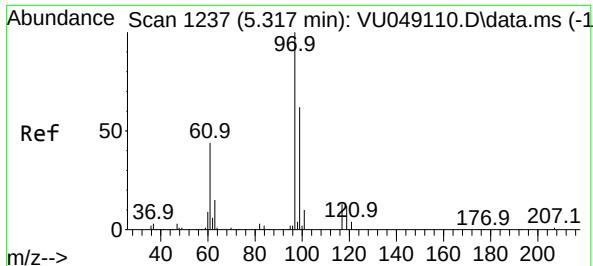
Tgt Ion: 62 Resp: 63447

Ion Ratio Lower Upper

62 100

98 9.2 7.6 11.4

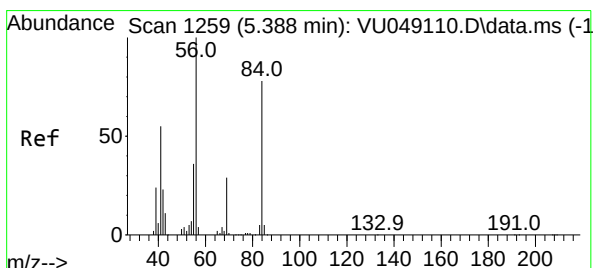
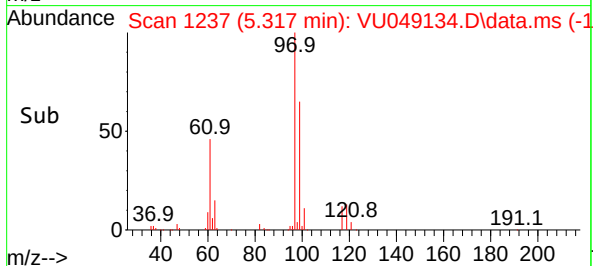
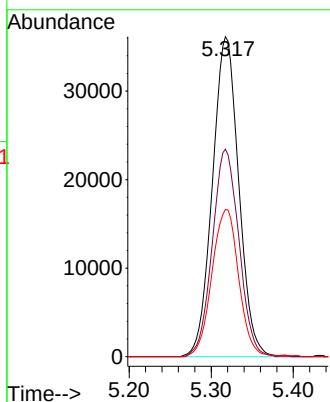
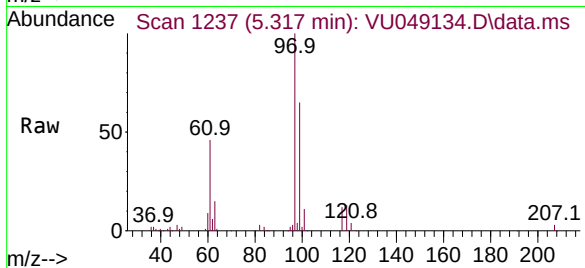




#29
1,1,1-Trichloroethane
Concen: 5.264 ug/L
RT: 5.317 min Scan# 1237
Delta R.T. -0.000 min
Lab File: VU049134.D
Acq: 14 Jun 2022 22:54

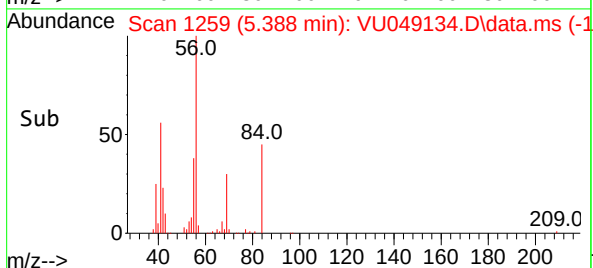
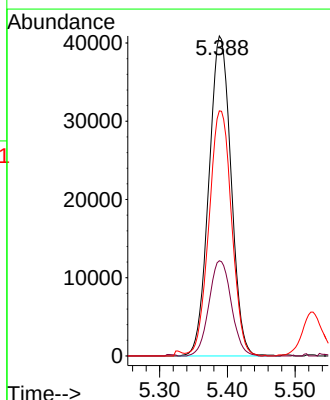
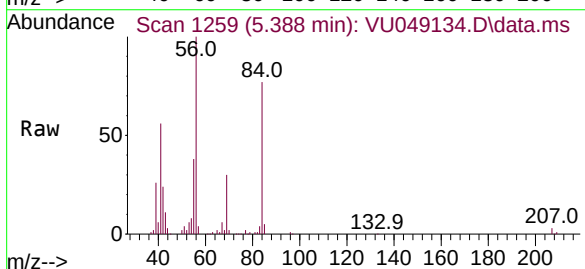
Instrument :
MSVOA_U
ClientSampleId :
VBLK086

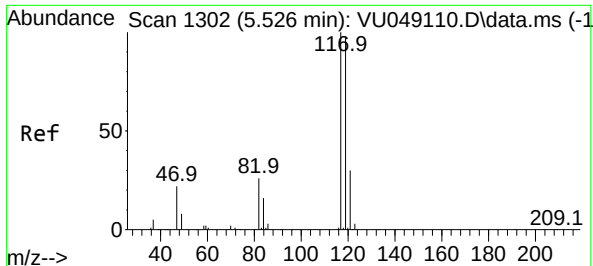
Tgt Ion:	97	Resp:	80726
Ion	Ratio	Lower	Upper
97	100		
99	65.5	51.0	76.4
61	46.8	36.2	54.4



#30
Cyclohexane
Concen: 5.330 ug/L
RT: 5.388 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VU049134.D
Acq: 14 Jun 2022 22:54

Tgt Ion:	56	Resp:	92907
Ion	Ratio	Lower	Upper
56	100		
69	30.0	23.8	35.6
84	78.3	61.2	91.8

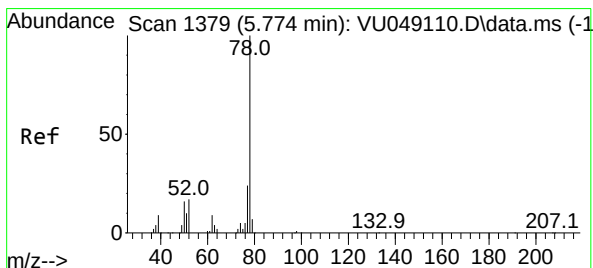
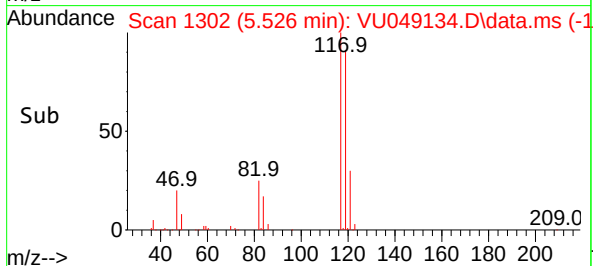
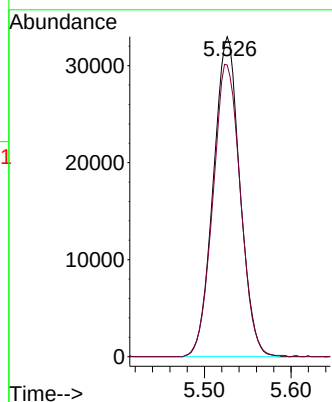
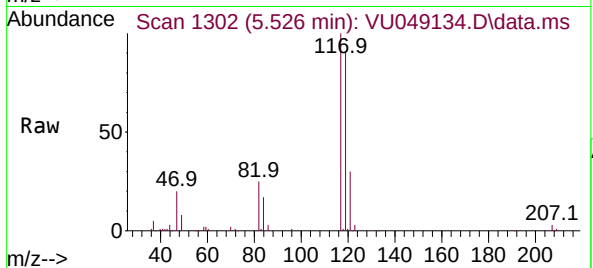




#31
Carbon tetrachloride
Concen: 5.469 ug/L
RT: 5.526 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU049134.D
Acq: 14 Jun 2022 22:54

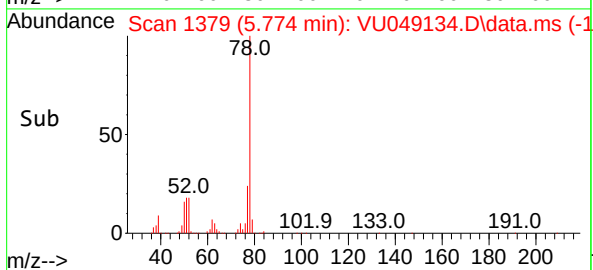
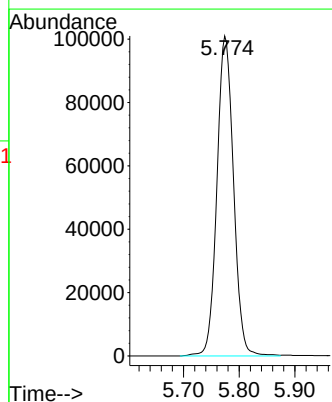
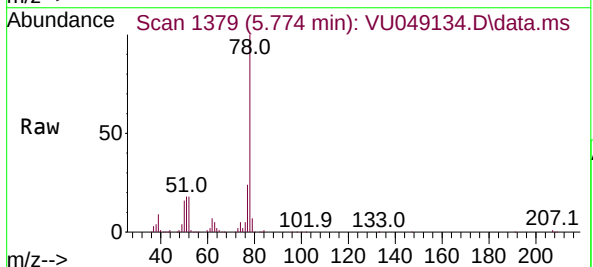
Instrument :
MSVOA_U
ClientSampleId :
VBLK086

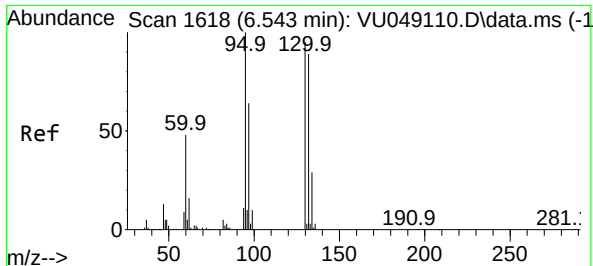
Tgt Ion:117 Resp: 70221
Ion Ratio Lower Upper
117 100
119 94.7 78.3 117.5



#33
Benzene
Concen: 5.473 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VU049134.D
Acq: 14 Jun 2022 22:54

Tgt Ion: 78 Resp: 208995





#34

Trichloroethene

Concen: 5.394 ug/L

RT: 6.542 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU049134.D

Acq: 14 Jun 2022 22:54

Instrument :

MSVOA_U

ClientSampleId :

VBLK086

Tgt Ion: 95 Resp: 52647

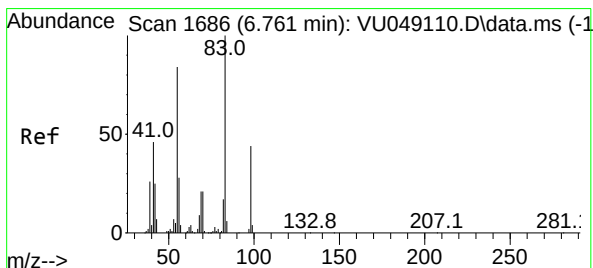
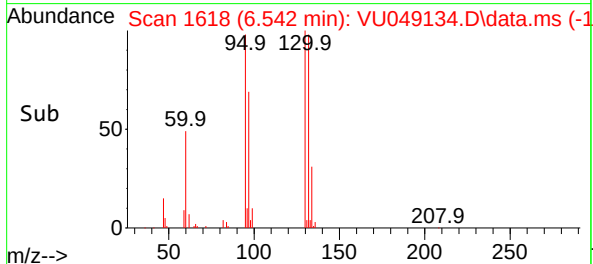
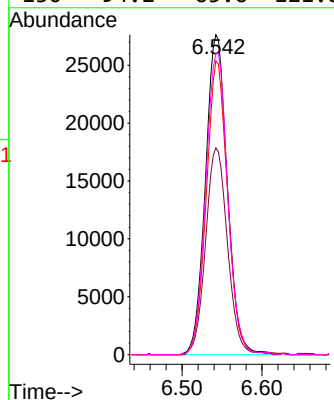
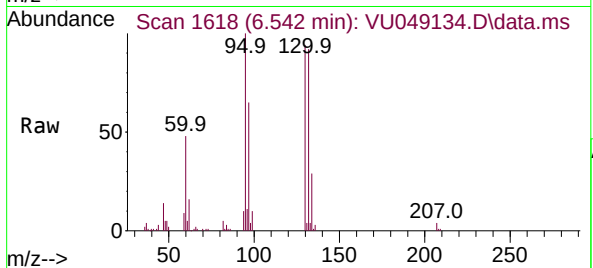
Ion Ratio Lower Upper

95 100

97 64.6 45.3 84.1

132 91.9 61.5 114.3

130 94.2 65.6 121.8



#35

Methylcyclohexane

Concen: 5.483 ug/L

RT: 6.764 min Scan# 1687

Delta R.T. 0.003 min

Lab File: VU049134.D

Acq: 14 Jun 2022 22:54

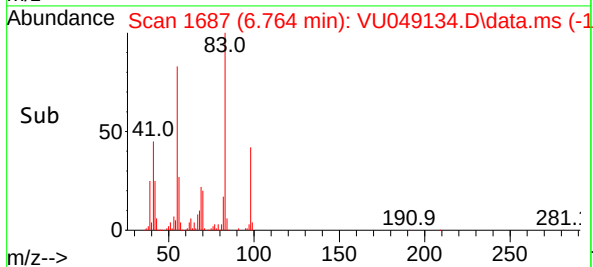
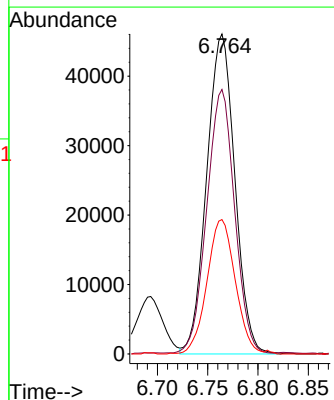
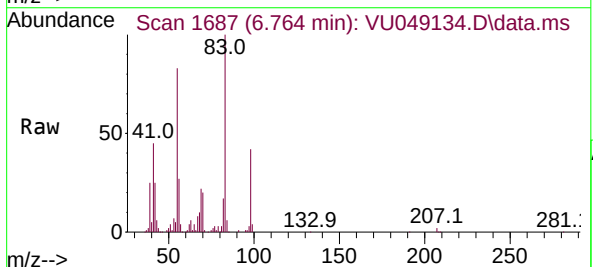
Tgt Ion: 83 Resp: 89760

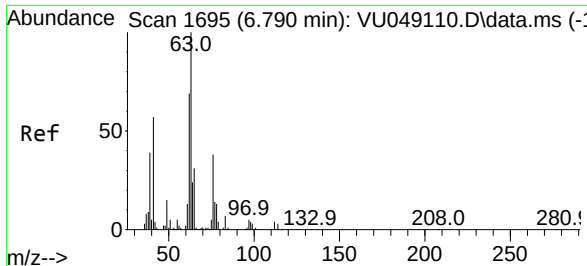
Ion Ratio Lower Upper

83 100

55 81.2 66.9 100.3

98 42.2 35.5 53.3





#37

1,2-Dichloropropane

Concen: 5.507 ug/L

RT: 6.790 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU049134.D

Acq: 14 Jun 2022 22:54

Instrument :

MSVOA_U

ClientSampleId :

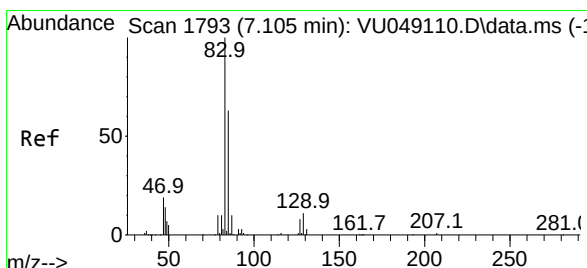
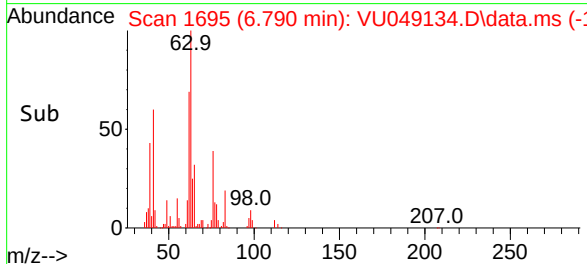
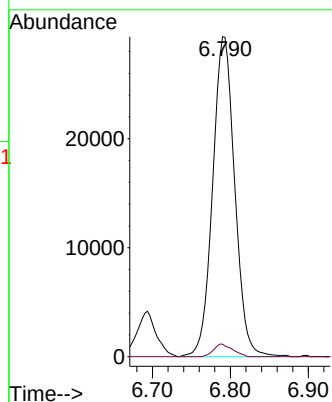
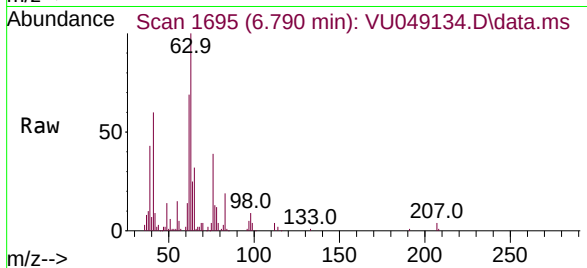
VBLK086

Tgt Ion: 63 Resp: 57780

Ion Ratio Lower Upper

63 100

112 3.4 2.8 4.2



#38

Bromodichloromethane

Concen: 5.428 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VU049134.D

Acq: 14 Jun 2022 22:54

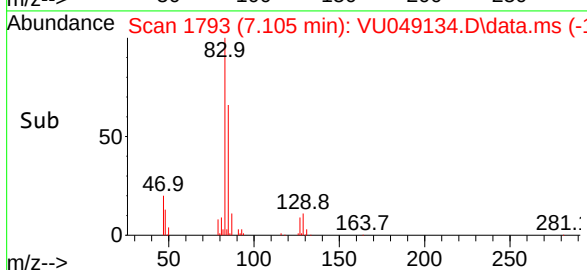
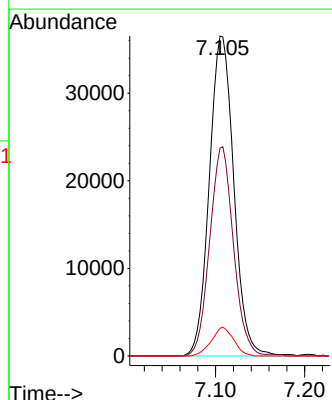
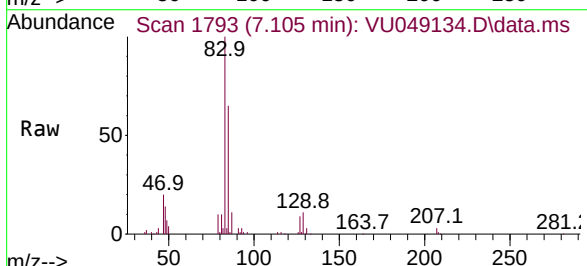
Tgt Ion: 83 Resp: 69615

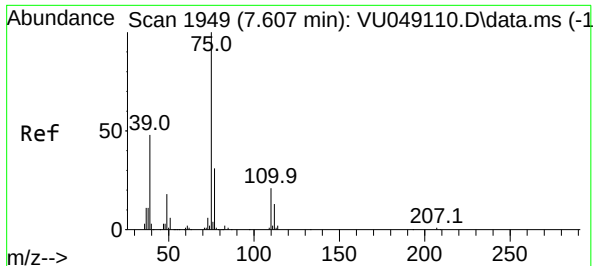
Ion Ratio Lower Upper

83 100

85 65.0 45.5 84.5

127 8.6 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 5.004 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU049134.D

Acq: 14 Jun 2022 22:54

Instrument :

MSVOA_U

ClientSampleId :

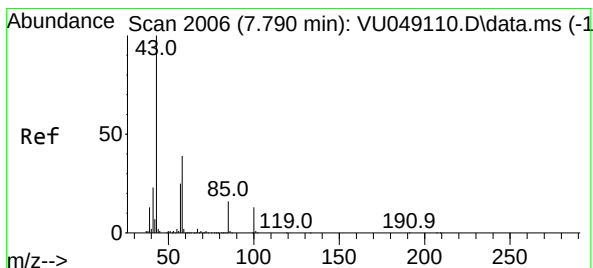
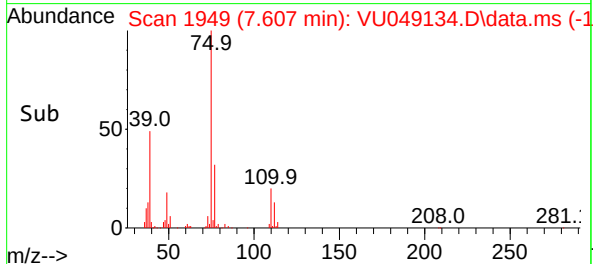
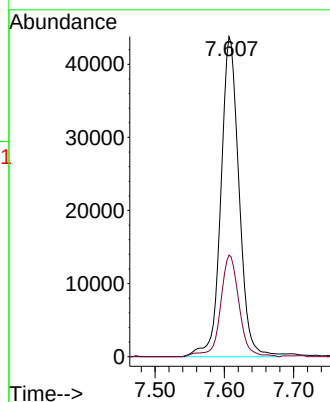
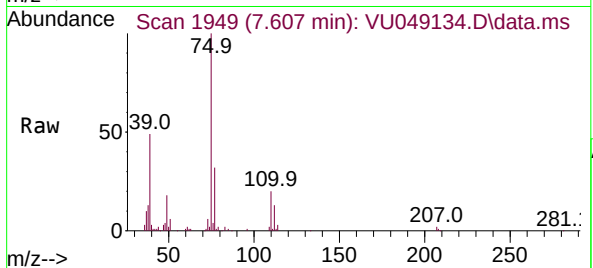
VBLK086

Tgt Ion: 75 Resp: 79812

Ion Ratio Lower Upper

75 100

77 31.8 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 57.257 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. 0.003 min

Lab File: VU049134.D

Acq: 14 Jun 2022 22:54

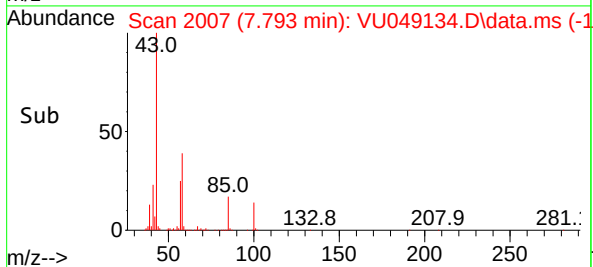
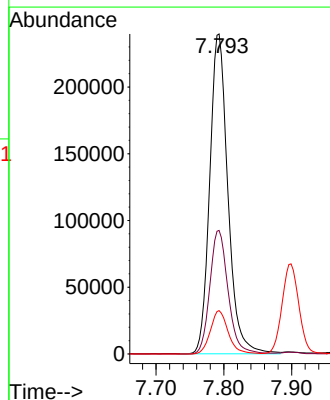
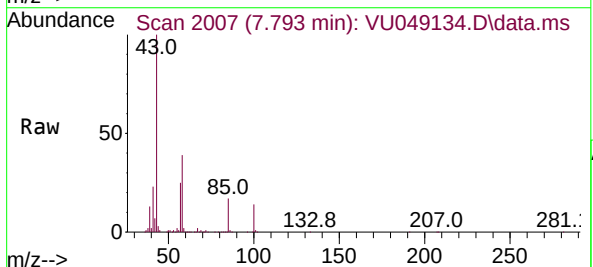
Tgt Ion: 43 Resp: 446336

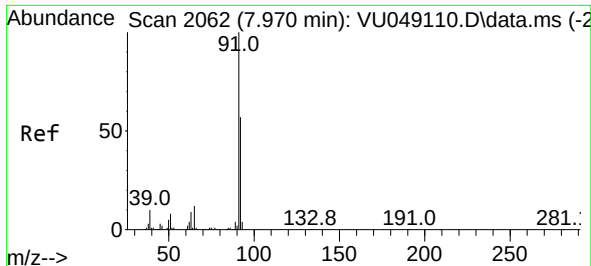
Ion Ratio Lower Upper

43 100

58 38.9 31.4 47.2

100 13.3 10.5 15.7





#42

Toluene

Concen: 5.392 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU049134.D

Acq: 14 Jun 2022 22:54

Instrument :

MSVOA_U

ClientSampleId :

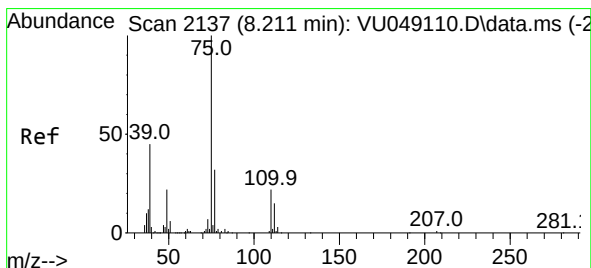
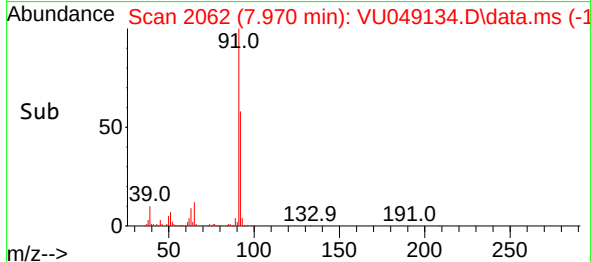
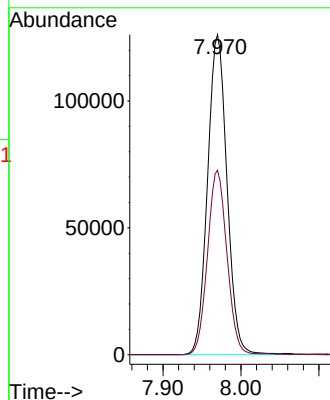
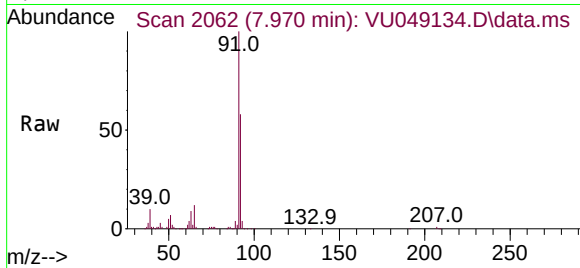
VBLK086

Tgt Ion: 91 Resp: 218325

Ion Ratio Lower Upper

91 100

92 57.6 40.0 74.2



#44

trans-1,3-Dichloropropene

Concen: 5.089 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU049134.D

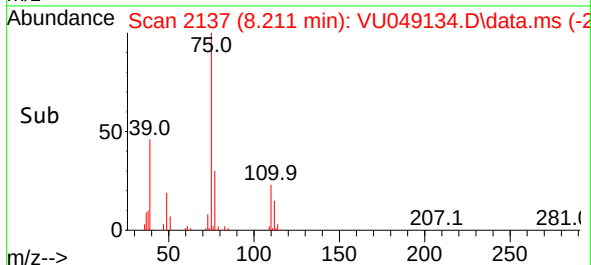
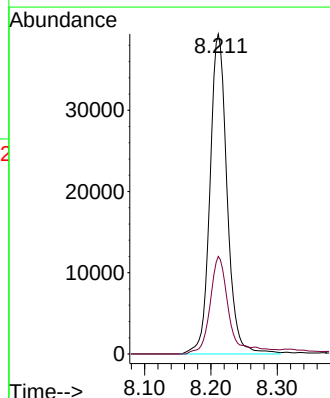
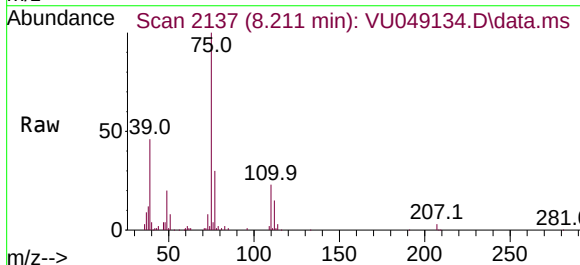
Acq: 14 Jun 2022 22:54

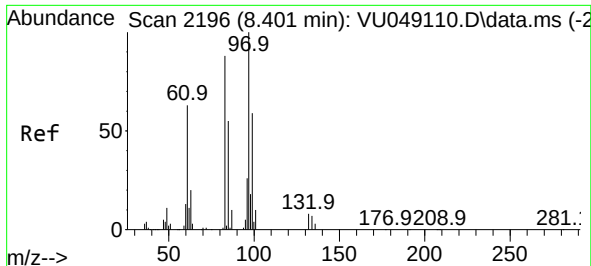
Tgt Ion: 75 Resp: 70496

Ion Ratio Lower Upper

75 100

77 30.4 21.1 39.3

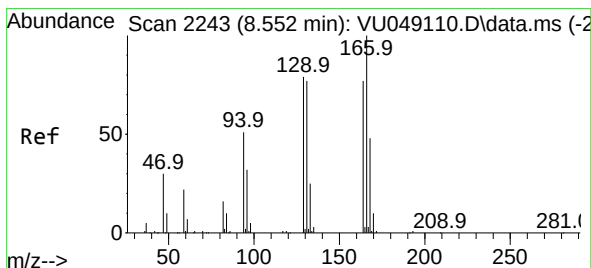
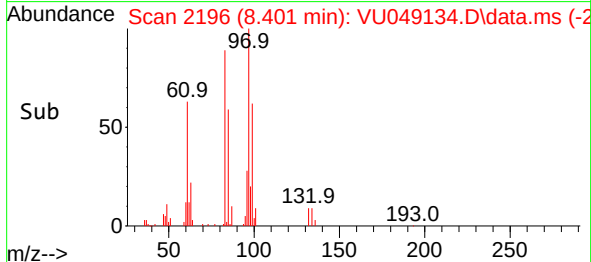
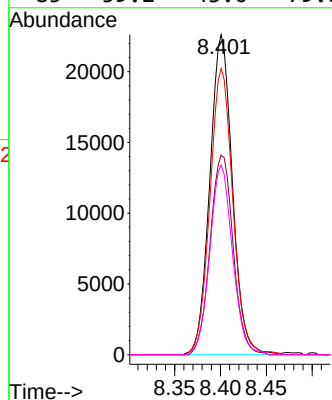
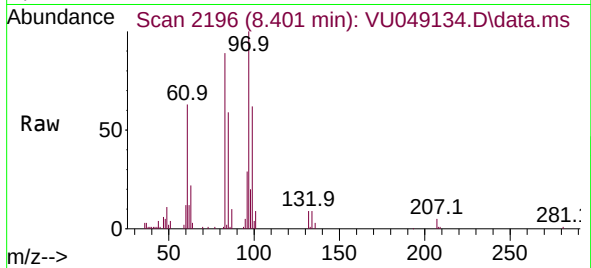




#45
1,1,2-Trichloroethane
Concen: 5.294 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU049134.D
Acq: 14 Jun 2022 22:54

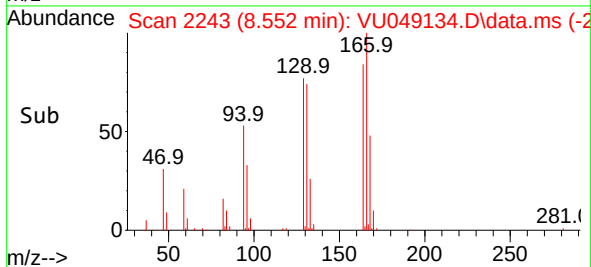
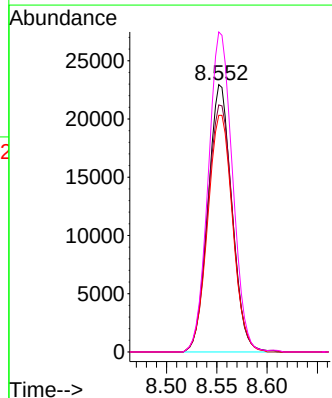
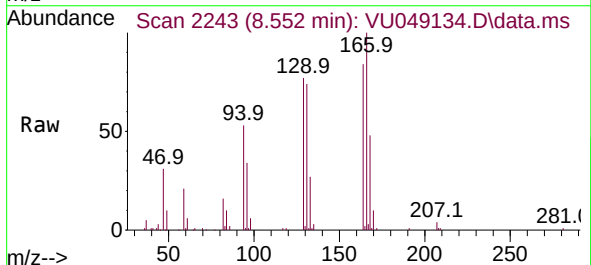
Instrument :
MSVOA_U
ClientSampleId :
VBLK086

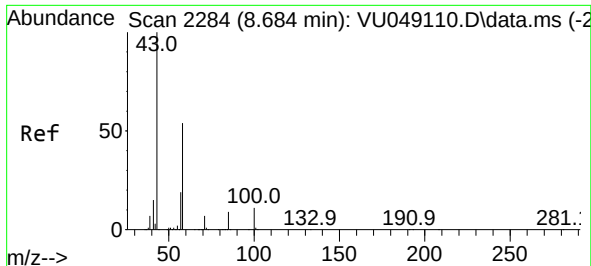
Tgt Ion: 97	Resp: 38719
Ion Ratio	Lower Upper
97 100	
99 62.3	45.6 84.8
83 89.4	65.4 121.4
85 59.2	43.0 79.8



#47
Tetrachloroethene
Concen: 5.628 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU049134.D
Acq: 14 Jun 2022 22:54

Tgt	Ion:164	Resp:	37883
Ion	Ratio	Lower	Upper
164	100		
129	92.4	69.8	129.6
131	88.5	67.8	125.8
166	119.7	87.3	162.1

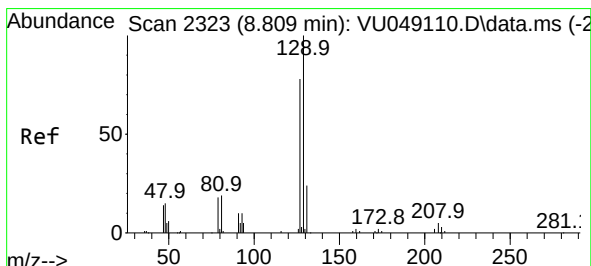
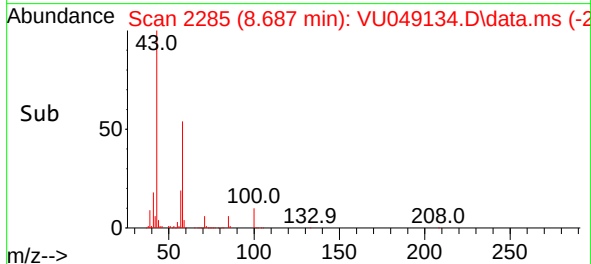
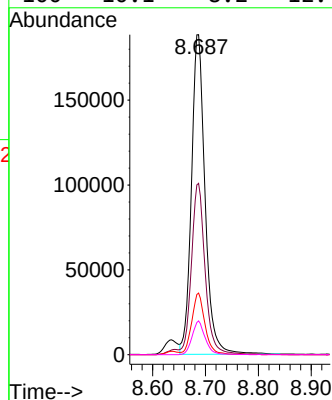
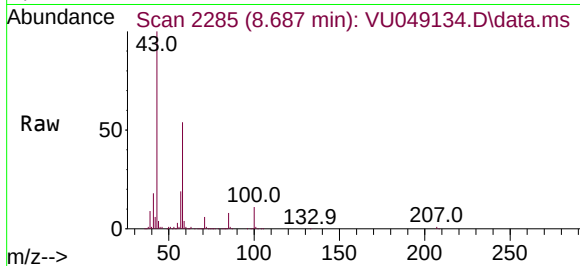




#48
2-Hexanone
Concen: 60.774 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU049134.D
Acq: 14 Jun 2022 22:54

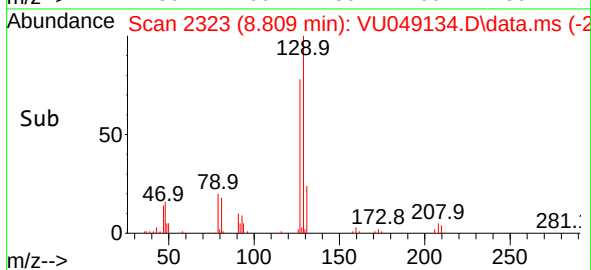
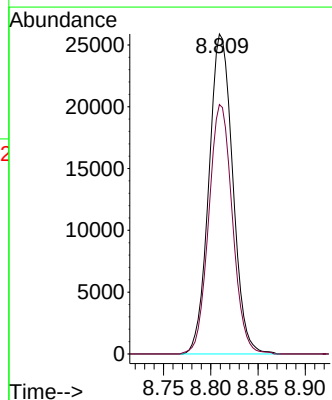
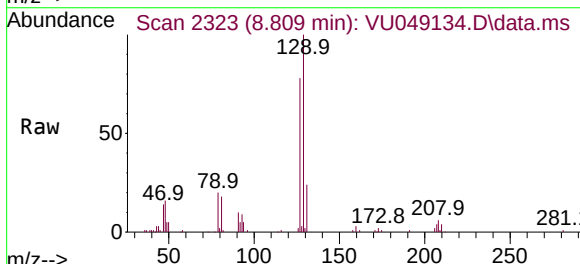
Instrument :
MSVOA_U
ClientSampleId :
VBLK086

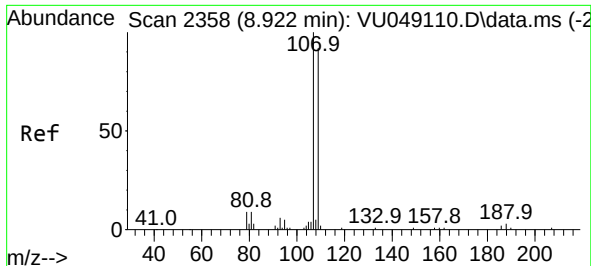
Tgt Ion: 43 Resp: 338146
Ion Ratio Lower Upper
43 100
58 53.1 43.4 65.0
57 18.4 14.9 22.3
100 10.1 8.2 12.4



#49
Dibromochloromethane
Concen: 5.447 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VU049134.D
Acq: 14 Jun 2022 22:54

Tgt Ion: 129 Resp: 45452
Ion Ratio Lower Upper
129 100
127 77.9 54.9 101.9

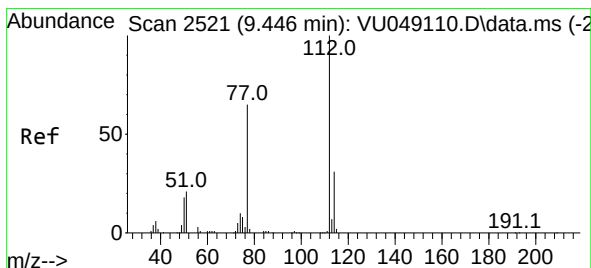
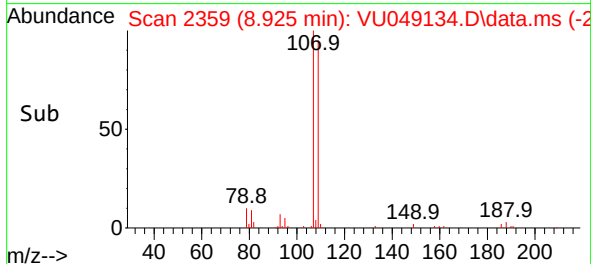
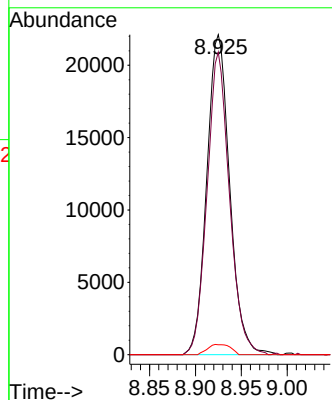
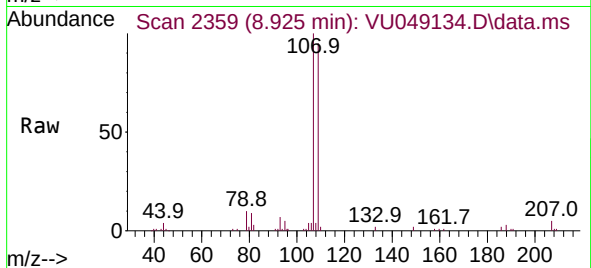




#50
1,2-Dibromoethane
Concen: 5.675 ug/L
RT: 8.925 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU049134.D
Acq: 14 Jun 2022 22:54

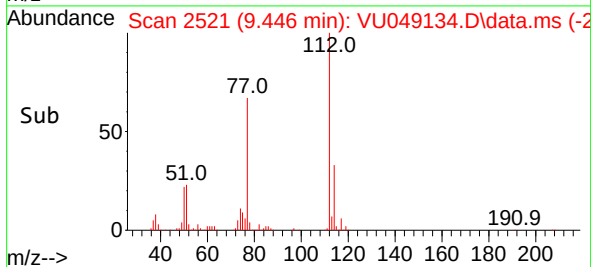
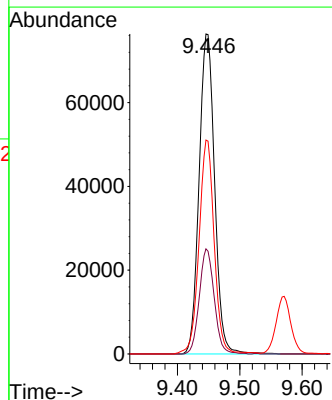
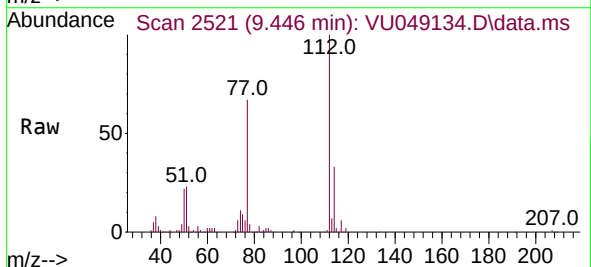
Instrument :
MSVOA_U
ClientSampleId :
VBLK086

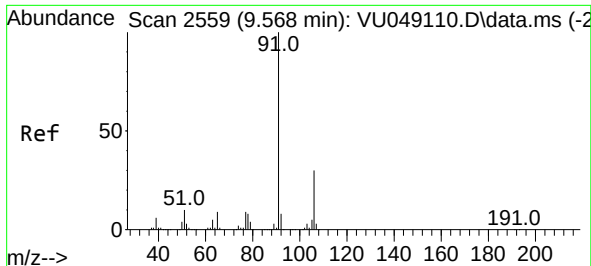
Tgt Ion:107 Resp: 38483
Ion Ratio Lower Upper
107 100
109 94.6 64.4 119.6
188 3.1 2.9 4.3



#51
Chlorobenzene
Concen: 5.359 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.000 min
Lab File: VU049134.D
Acq: 14 Jun 2022 22:54

Tgt Ion:112 Resp: 132143
Ion Ratio Lower Upper
112 100
114 32.8 22.3 41.3
77 66.8 51.0 76.6

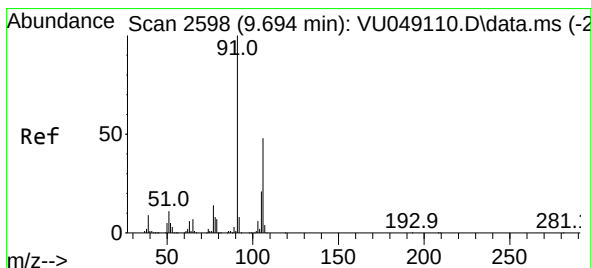
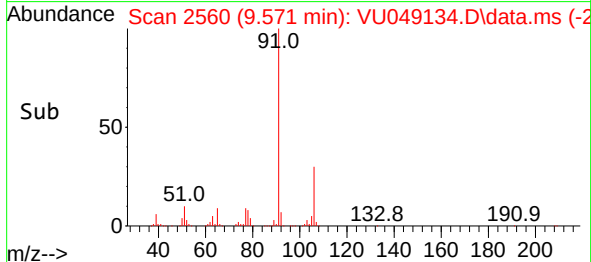
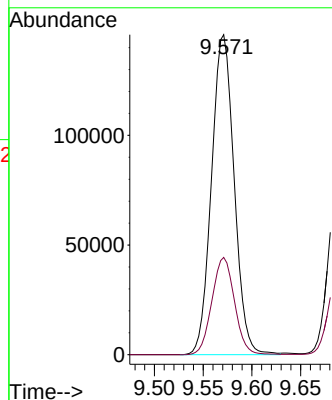
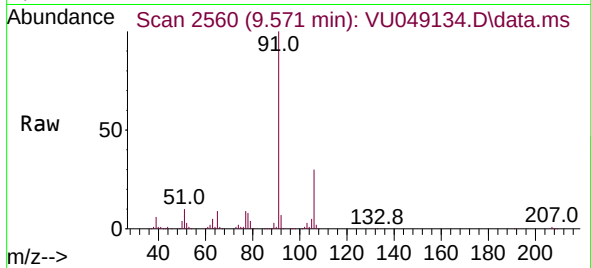




#52
Ethylbenzene
Concen: 5.339 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.003 min
Lab File: VU049134.D
Acq: 14 Jun 2022 22:54

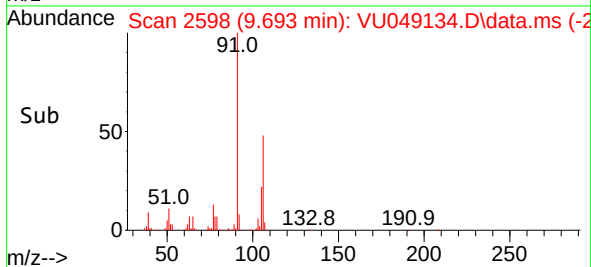
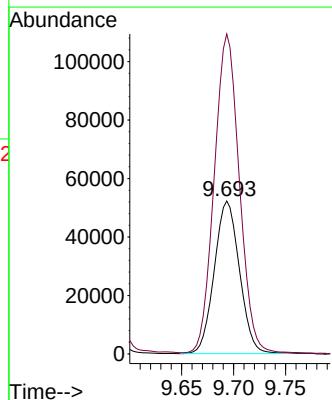
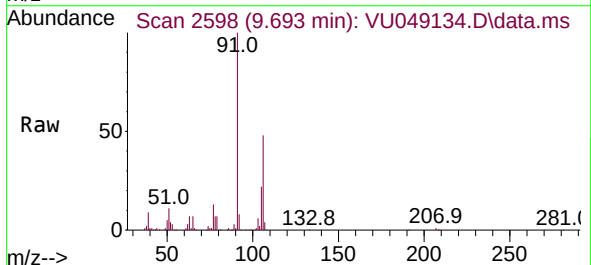
Instrument :
MSVOA_U
ClientSampleId :
VBLK086

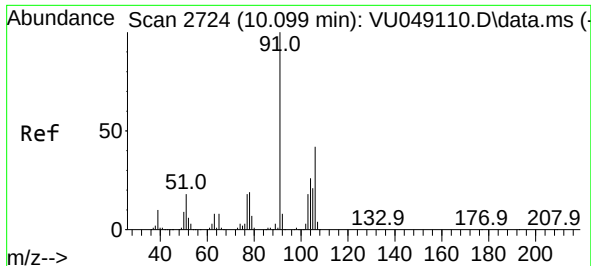
Tgt Ion: 91 Resp: 236104
Ion Ratio Lower Upper
91 100
106 30.4 21.2 39.4



#53
m,p-Xylene
Concen: 5.344 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU049134.D
Acq: 14 Jun 2022 22:54

Tgt Ion: 106 Resp: 87831
Ion Ratio Lower Upper
106 100
91 209.1 148.5 275.7

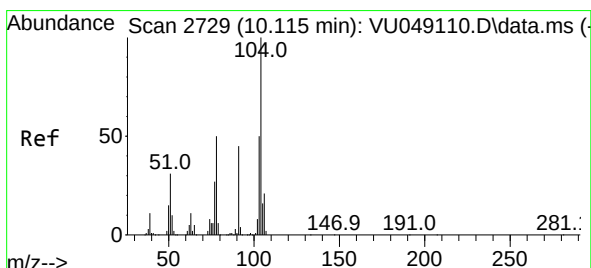
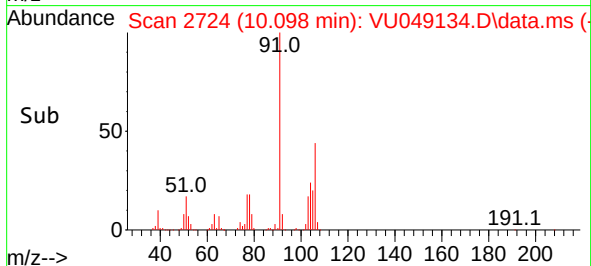
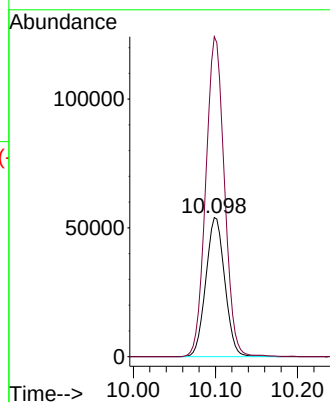
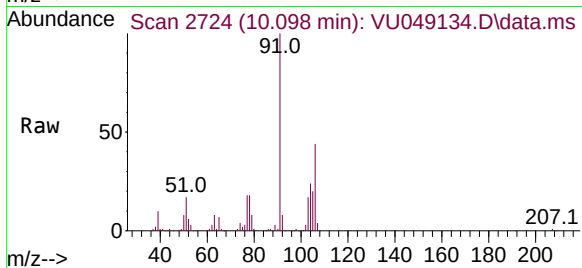




#54
o-Xylene
Concen: 5.339 ug/L
RT: 10.098 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU049134.D
Acq: 14 Jun 2022 22:54

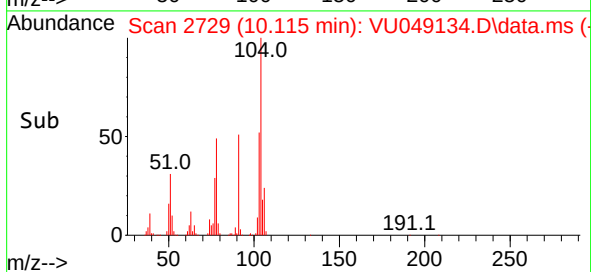
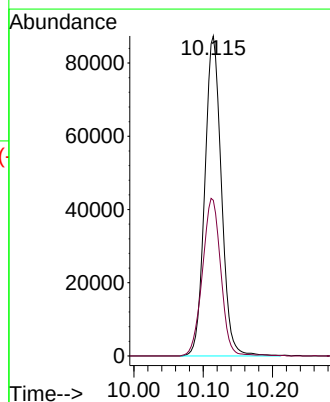
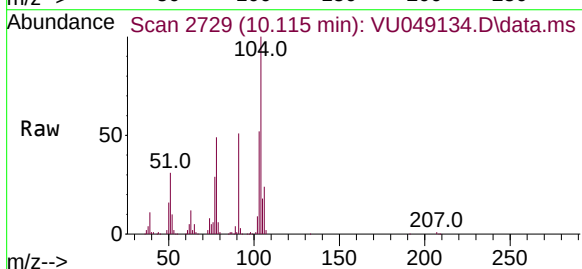
Instrument :
MSVOA_U
ClientSampleId :
VBLK086

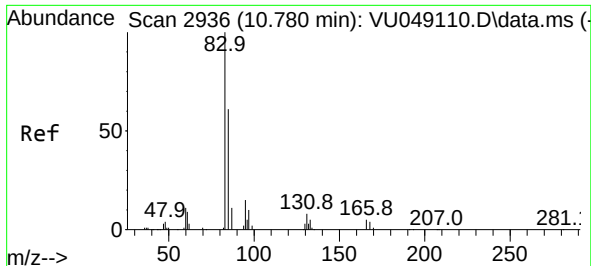
Tgt Ion:106 Resp: 86994
Ion Ratio Lower Upper
106 100
91 229.9 157.5 292.5



#55
Styrene
Concen: 5.313 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU049134.D
Acq: 14 Jun 2022 22:54

Tgt Ion:104 Resp: 144994
Ion Ratio Lower Upper
104 100
78 48.7 34.1 63.3





#57

1,1,2,2-Tetrachloroethane

Concen: 5.486 ug/L

RT: 10.783 min Scan# 2936

Delta R.T. 0.003 min

Lab File: VU049134.D

Acq: 14 Jun 2022 22:54

Instrument :

MSVOA_U

ClientSampleId :

VBLK086

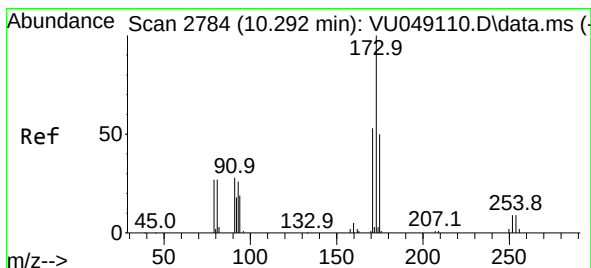
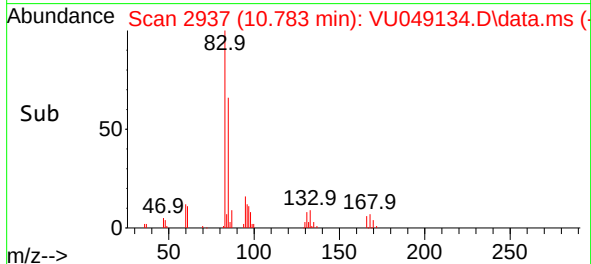
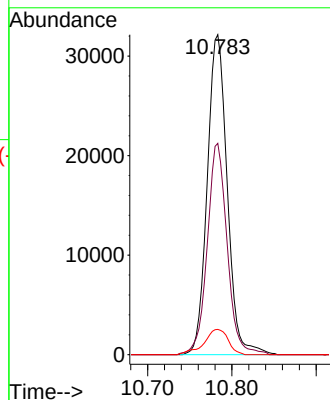
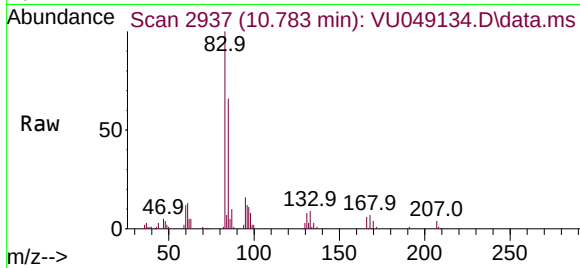
Tgt Ion: 83 Resp: 53102

Ion Ratio Lower Upper

83 100

85 66.1 45.4 84.4

131 7.9 7.1 10.7



#59

Bromoform

Concen: 5.262 ug/L

RT: 10.291 min Scan# 2784

Delta R.T. -0.000 min

Lab File: VU049134.D

Acq: 14 Jun 2022 22:54

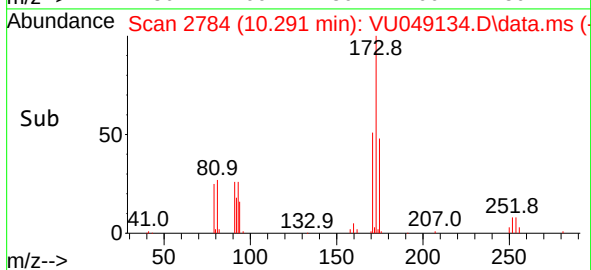
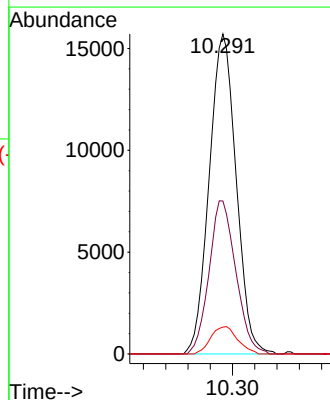
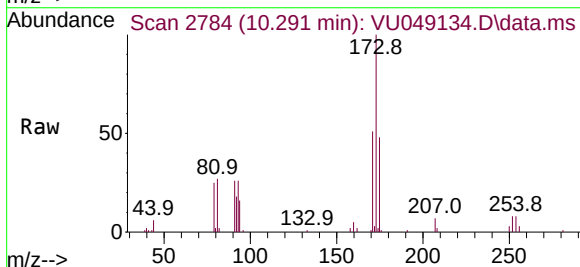
Tgt Ion:173 Resp: 26383

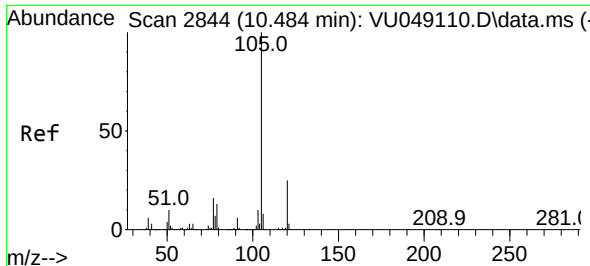
Ion Ratio Lower Upper

173 100

175 47.5 37.9 56.9

254 8.5 6.6 9.8

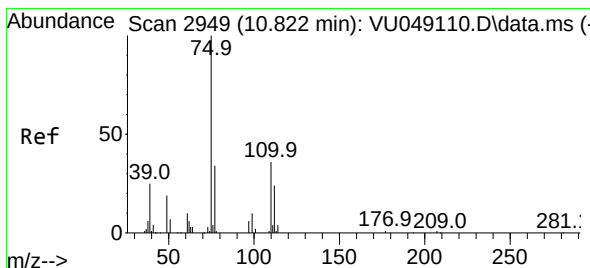
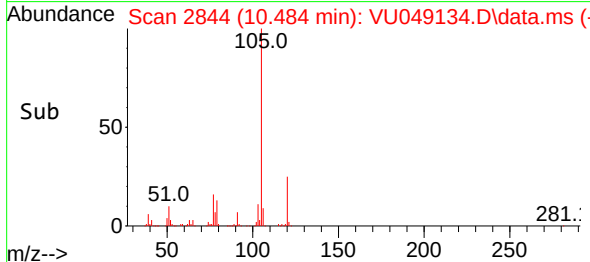
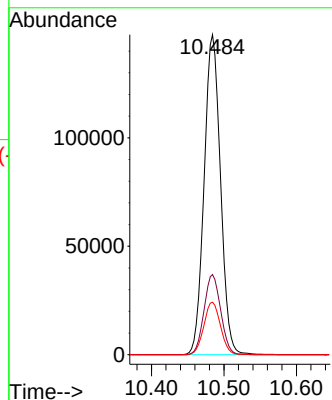
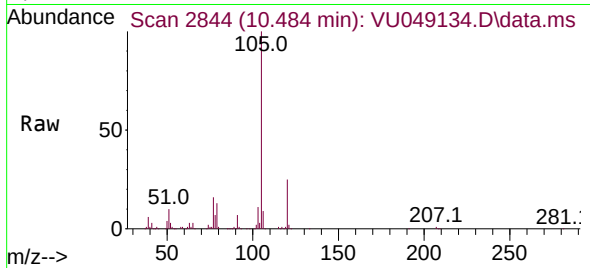




#60
Isopropylbenzene
Concen: 5.090 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU049134.D
Acq: 14 Jun 2022 22:54

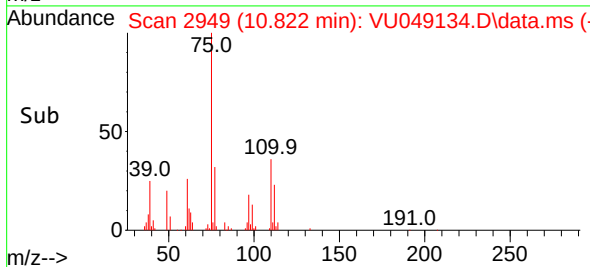
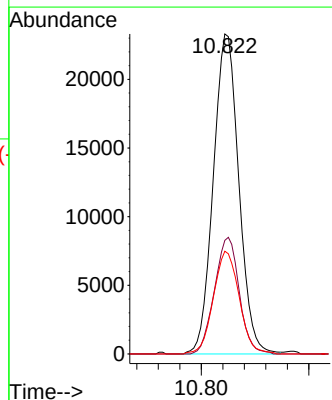
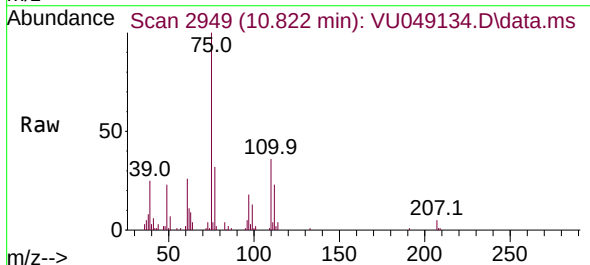
Instrument :
MSVOA_U
ClientSampleId :
VBLK086

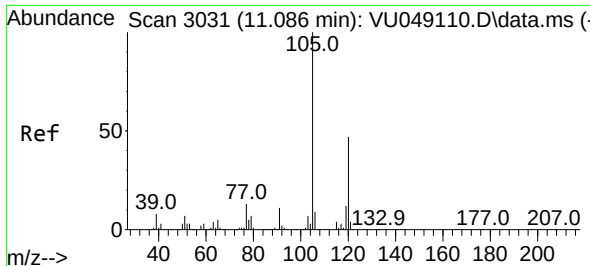
Tgt Ion:105 Resp: 231445
Ion Ratio Lower Upper
105 100
120 25.4 20.3 30.5
77 16.7 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 5.124 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU049134.D
Acq: 14 Jun 2022 22:54

Tgt Ion: 75 Resp: 38373
Ion Ratio Lower Upper
75 100
110 35.3 29.0 43.4
77 32.5 26.2 39.2

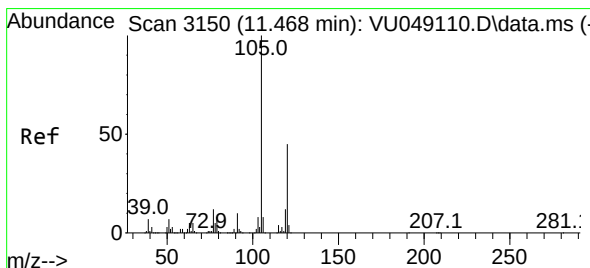
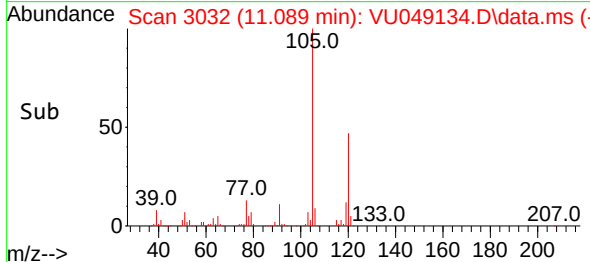
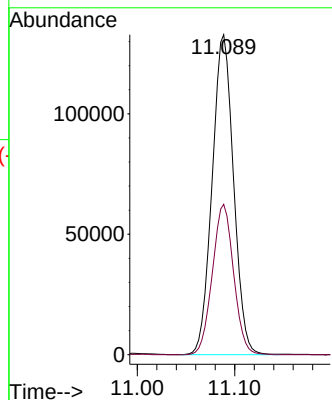
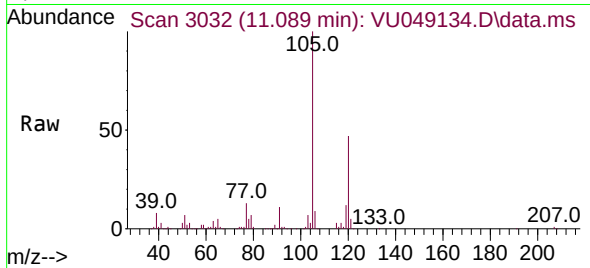




#62
1,3,5-Trimethylbenzene
Concen: 5.047 ug/L
RT: 11.089 min Scan# 3031
Delta R.T. 0.003 min
Lab File: VU049134.D
Acq: 14 Jun 2022 22:54

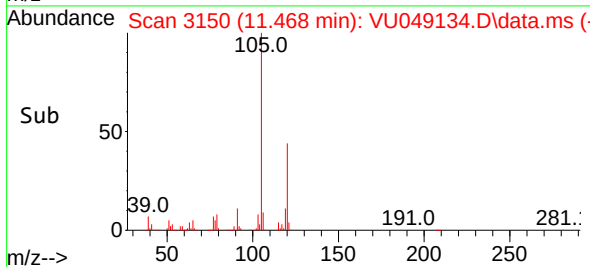
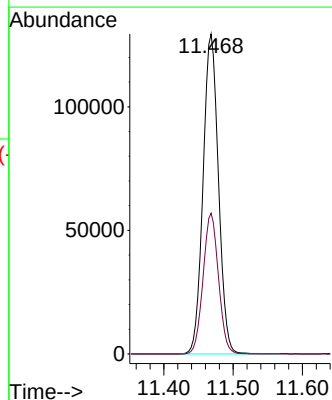
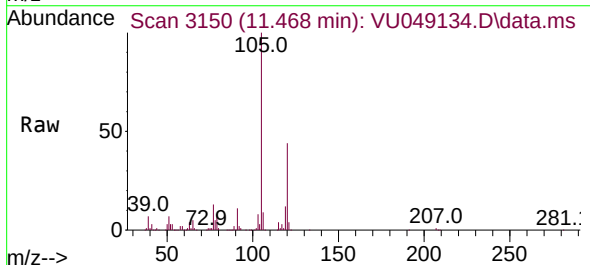
Instrument :
MSVOA_U
ClientSampleId :
VBLK086

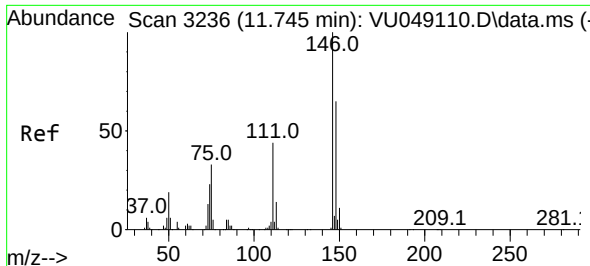
Tgt Ion:105 Resp: 202569
Ion Ratio Lower Upper
105 100
120 46.6 37.8 56.6



#63
1,2,4-Trimethylbenzene
Concen: 5.025 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU049134.D
Acq: 14 Jun 2022 22:54

Tgt Ion:105 Resp: 199780
Ion Ratio Lower Upper
105 100
120 43.9 34.6 52.0

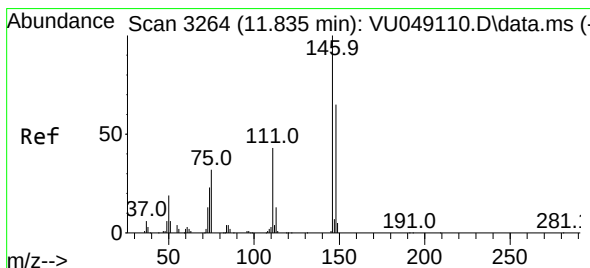
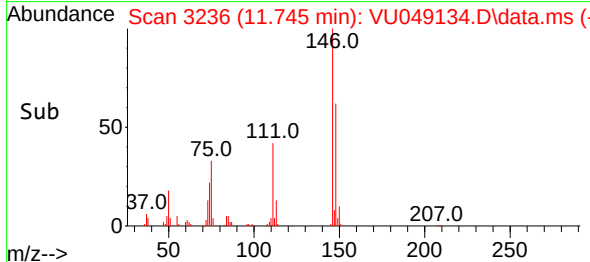
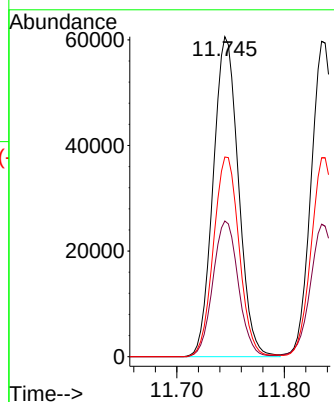
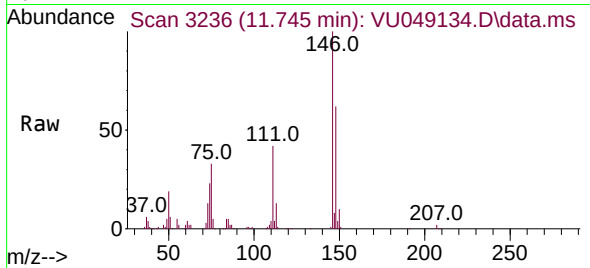




#64
1,3-Dichlorobenzene
Concen: 5.091 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU049134.D
Acq: 14 Jun 2022 22:54

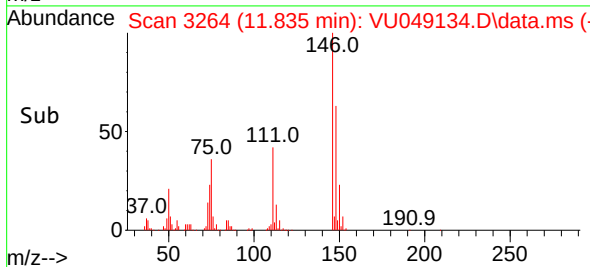
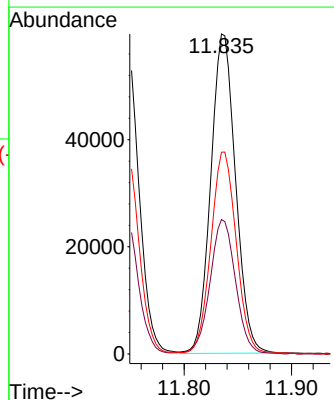
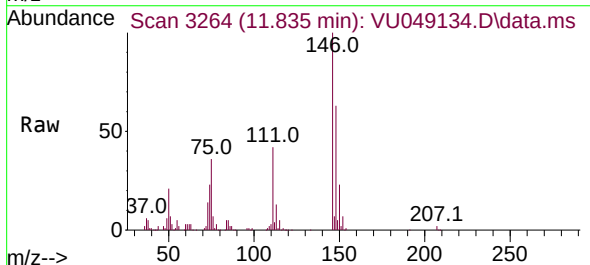
Instrument :
MSVOA_U
ClientSampleId :
VBLK086

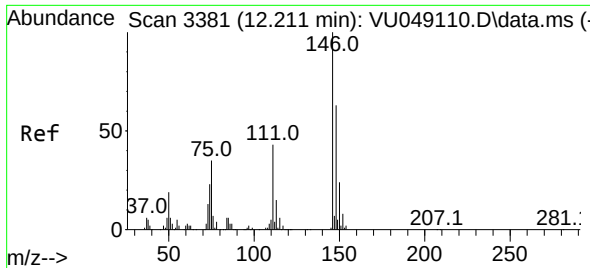
Tgt Ion:146 Resp: 99071
Ion Ratio Lower Upper
146 100
111 42.4 30.9 57.5
148 62.4 46.1 85.7



#65
1,4-Dichlorobenzene
Concen: 4.968 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU049134.D
Acq: 14 Jun 2022 22:54

Tgt Ion:146 Resp: 95536
Ion Ratio Lower Upper
146 100
111 42.0 29.8 55.4
148 63.1 44.7 83.1

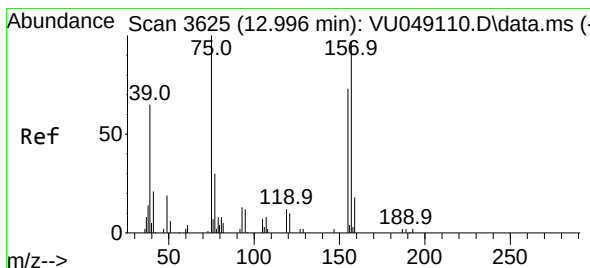
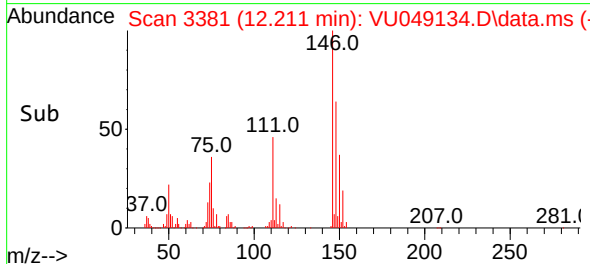
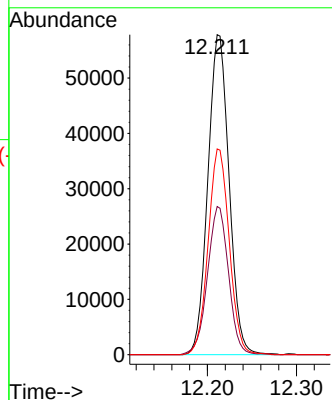
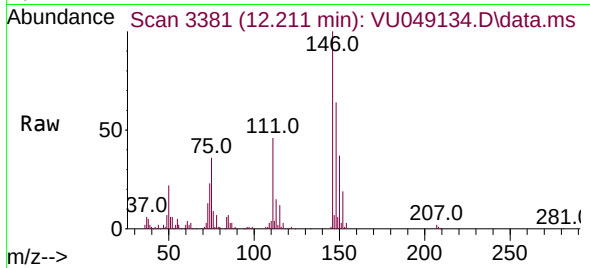




#67
 1,2-Dichlorobenzene
 Concen: 5.160 ug/L
 RT: 12.211 min Scan# 3381
 Delta R.T. -0.000 min
 Lab File: VU049134.D
 Acq: 14 Jun 2022 22:54

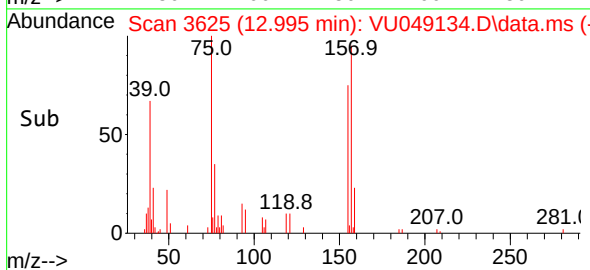
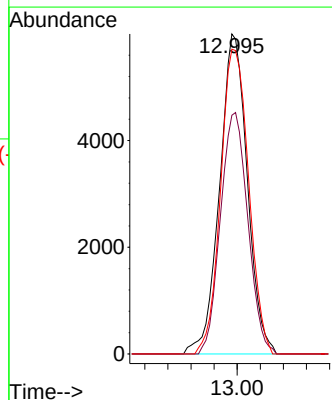
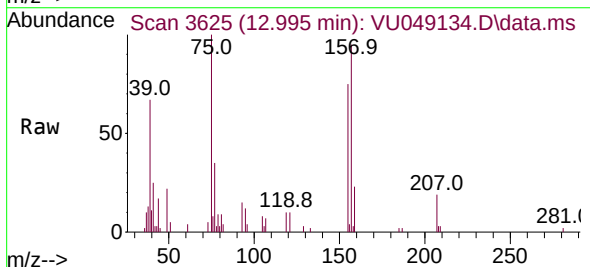
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK086

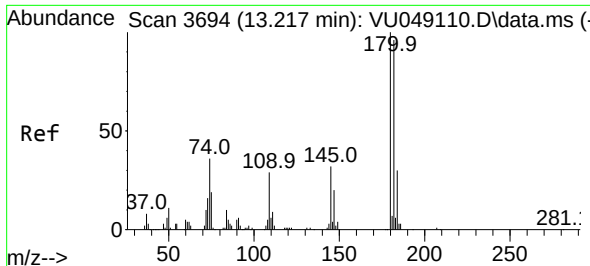
Tgt Ion:	146	Resp:	95544
Ion	Ratio	Lower	Upper
146	100		
111	46.3	36.6	55.0
148	64.3	52.2	78.4



#68
 1,2-Dibromo-3-chloropropane
 Concen: 4.893 ug/L
 RT: 12.995 min Scan# 3625
 Delta R.T. -0.000 min
 Lab File: VU049134.D
 Acq: 14 Jun 2022 22:54

Tgt Ion:	75	Resp:	9987
Ion	Ratio	Lower	Upper
75	100		
155	74.6	52.0	78.0
157	95.3	71.4	107.2

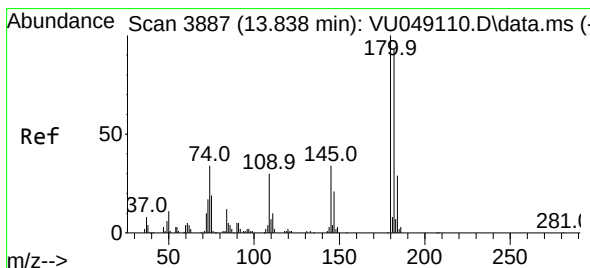
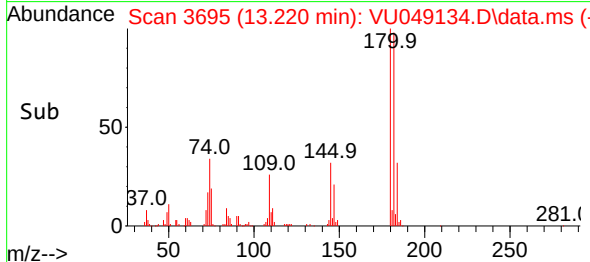
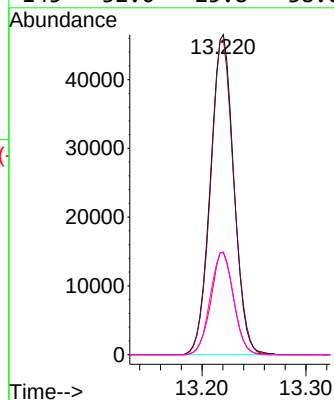
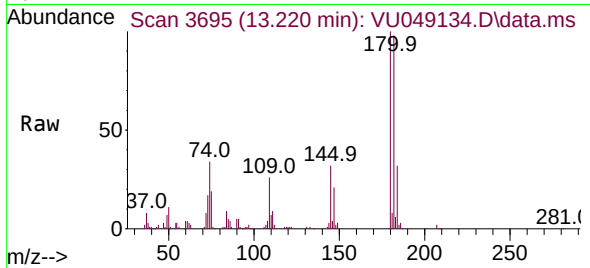




#69
1,3,5-Trichlorobenzene
Concen: 4.989 ug/L
RT: 13.220 min Scan# 3695
Delta R.T. 0.003 min
Lab File: VU049134.D
Acq: 14 Jun 2022 22:54

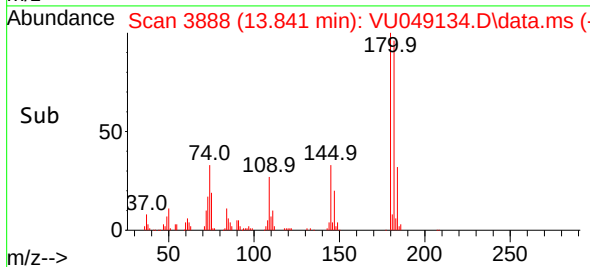
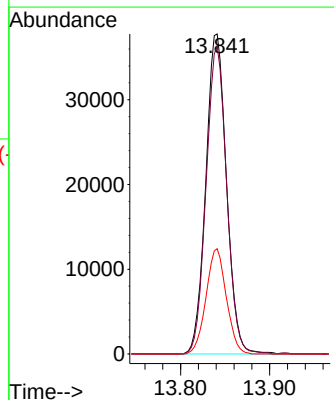
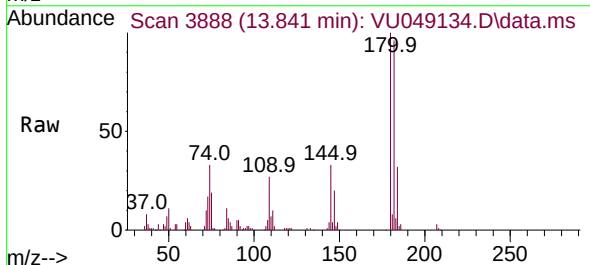
Instrument :
MSVOA_U
ClientSampleId :
VBLK086

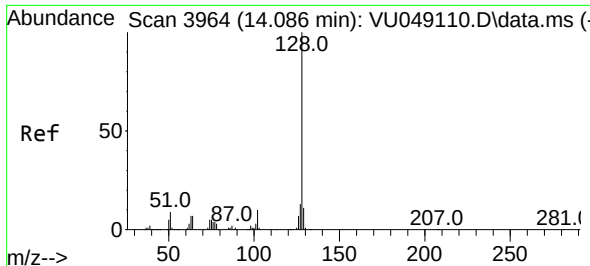
Tgt Ion:180	Resp:	72798
Ion Ratio	Lower	Upper
180	100	
182	98.3	75.0 112.4
184	31.0	23.2 34.8
145	32.0	25.8 38.6



#70
1,2,4-trichlorobenzene
Concen: 5.245 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.003 min
Lab File: VU049134.D
Acq: 14 Jun 2022 22:54

Tgt Ion:180	Resp:	60845
Ion Ratio	Lower	Upper
180	100	
182	95.1	74.6 112.0
145	32.2	26.1 39.1

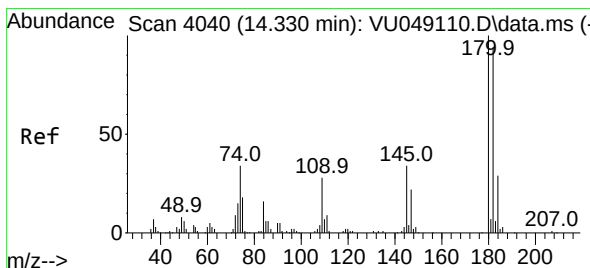
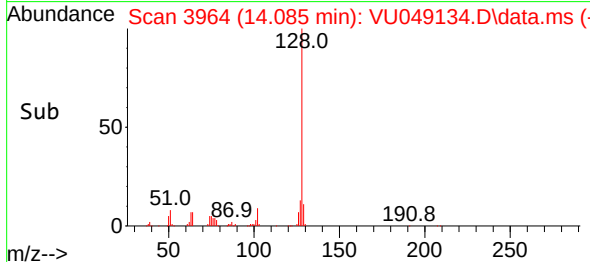
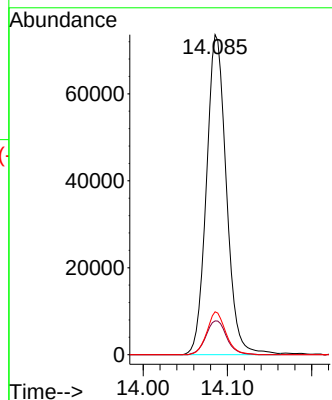
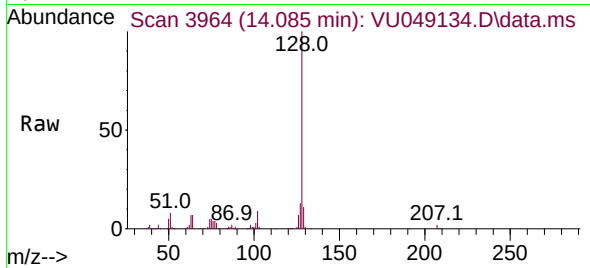




#71
Naphthalene
Concen: 5.262 ug/L
RT: 14.085 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU049134.D
Acq: 14 Jun 2022 22:54

Instrument :
MSVOA_U
ClientSampleId :
VBLK086

Tgt Ion:128 Resp: 121296
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 12.7 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.342 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU049134.D
Acq: 14 Jun 2022 22:54

Tgt Ion:180 Resp: 58266
Ion Ratio Lower Upper
180 100
182 93.7 75.6 113.4
145 34.5 27.9 41.9

