

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061622\
 Data File : VU049194.D
 Acq On : 16 Jun 2022 09:24
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 17 01:15:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 16 04:45:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	127400	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	114679	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	58997	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	45795	4.114	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.200%
7) Chloroethane-d5	1.913	69	33542	4.451	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.000%
11) 1,1-Dichloroethene-d2	2.568	65	19459	4.346	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.000%
20) 2-Butanone-d5	4.636	46	151497	50.969	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.940%
24) Chloroform-d	5.067	84	88201	5.050	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
26) 1,2-Dichloroethane-d4	5.707	65	46367	4.840	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
32) Benzene-d6	5.729	84	165023	4.777	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
36) 1,2-Dichloropropane-d6	6.694	67	57103	4.870	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.400%
41) Toluene-d8	7.899	98	149028	4.791	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
43) trans-1,3-Dichloroprop...	8.182	79	22464	4.312	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.200%
46) 2-Hexanone-d5	8.636	63	105026	49.980	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.960%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	45662	4.864	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	54296	4.796	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	61607	5.665	ug/L	99
3) Chloromethane	1.520	50	60163	5.039	ug/L	97
5) Vinyl chloride	1.604	62	60819	5.678	ug/L	98
6) Bromomethane	1.858	94	19095	3.240	ug/L	99
8) Chloroethane	1.935	64	35355	5.703	ug/L	99
9) Trichlorofluoromethane	2.141	101	72904	5.865	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	42485	5.773	ug/L	97
12) 1,1-Dichloroethene	2.581	96	39455	5.508	ug/L	93
13) Acetone	2.646	43	81803	55.608	ug/L	99
14) Carbon disulfide	2.794	76	133830	5.656	ug/L	99
15) Methyl Acetate	2.958	43	21016	5.342	ug/L	97
16) Methylene chloride	3.048	84	46027	4.884	ug/L	94
17) Methyl tert-butyl Ether	3.366	73	114201	5.271	ug/L	99
18) trans-1,2-Dichloroethene	3.356	96	44880	5.655	ug/L	99
19) 1,1-Dichloroethane	3.871	63	88061	5.627	ug/L	98
21) 2-Butanone	4.716	43	150595	53.687	ug/L	100
22) cis-1,2-Dichloroethene	4.668	96	49773	5.607	ug/L	100
23) Bromochloromethane	4.977	128	21132	5.561	ug/L	97
25) Chloroform	5.089	83	88152	5.612	ug/L	100

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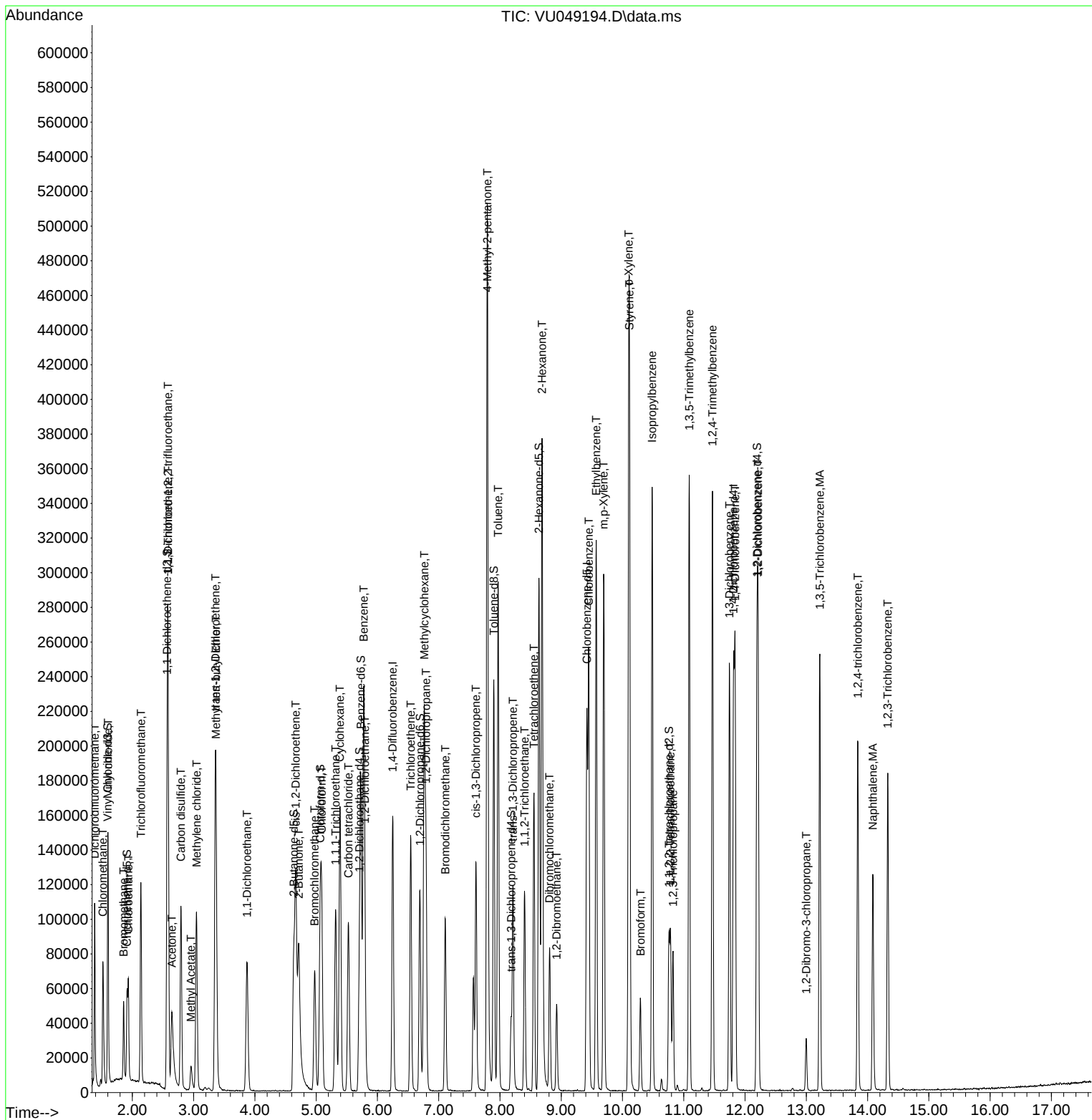
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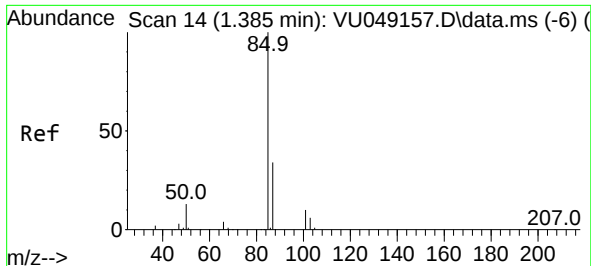
Quant Time: Jun 17 01:15:03 2022
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	57325	5.541	ug/L	96
29) 1,1,1-Trichloroethane	5.318	97	76803	5.604	ug/L	99
30) Cyclohexane	5.388	56	86663	5.564	ug/L	99
31) Carbon tetrachloride	5.527	117	65666	5.723	ug/L	99
33) Benzene	5.777	78	197450	5.786	ug/L	100
34) Trichloroethene	6.543	95	50568	5.797	ug/L	98
35) Methylcyclohexane	6.764	83	84597	5.783	ug/L	99
37) 1,2-Dichloropropane	6.793	63	53625	5.719	ug/L	100
38) Bromodichloromethane	7.108	83	64472	5.625	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	76559	5.372	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	368201	52.856	ug/L	99
42) Toluene	7.970	91	206679	5.712	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	64200	5.186	ug/L	97
45) 1,1,2-Trichloroethane	8.401	97	35752	5.470	ug/L	95
47) Tetrachloroethene	8.555	164	35968	5.980	ug/L	98
48) 2-Hexanone	8.687	43	260555	52.403	ug/L	100
49) Dibromochloromethane	8.809	129	41106	5.512	ug/L	99
50) 1,2-Dibromoethane	8.925	107	33226	5.483	ug/L	97
51) Chlorobenzene	9.449	112	126030	5.720	ug/L	99
52) Ethylbenzene	9.571	91	224097	5.670	ug/L	99
53) m,p-Xylene	9.694	106	82331	5.606	ug/L	96
54) o-Xylene	10.102	106	81734	5.613	ug/L	99
55) Styrene	10.115	104	137624	5.643	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.784	83	45802	5.295	ug/L	95
59) Bromoform	10.295	173	23531	5.310	ug/L	99
60) Isopropylbenzene	10.485	105	219135	5.453	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	33260	5.025	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	189506	5.343	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	187858	5.346	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	96704	5.623	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	92577	5.446	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	90668	5.541	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.999	75	7858	4.356	ug/L	83
69) 1,3,5-Trichlorobenzene	13.221	180	74313	5.762	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	57940	5.651	ug/L	98
71) Naphthalene	14.086	128	98625	4.841	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	54043	5.606	ug/L	98

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

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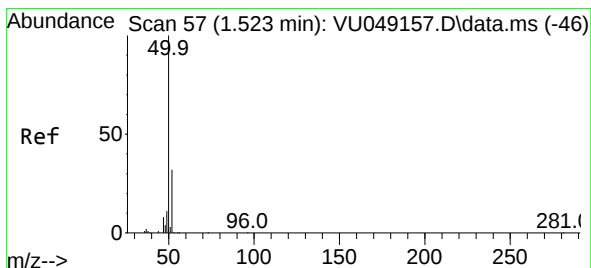
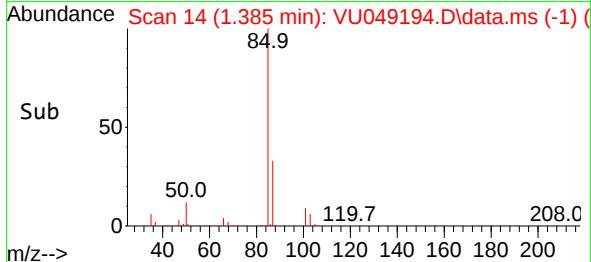
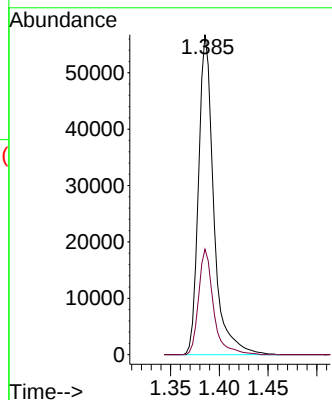
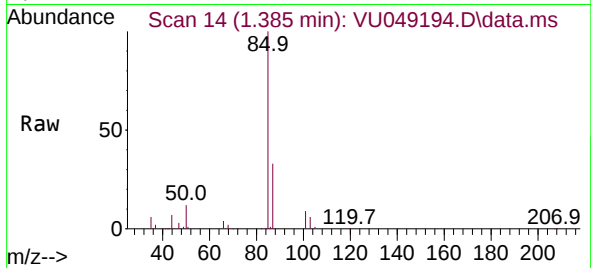




#2
Dichlorodifluoromethane
Concen: 5.665 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU049194.D
Acq: 16 Jun 2022 09:24

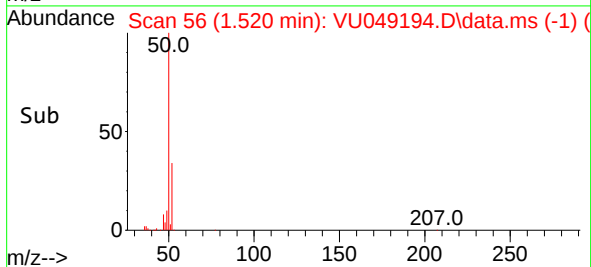
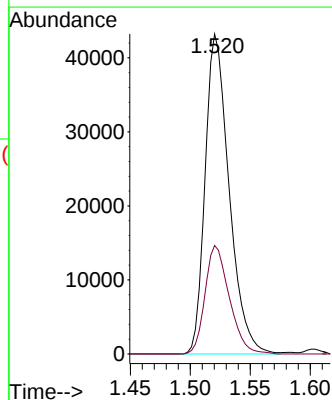
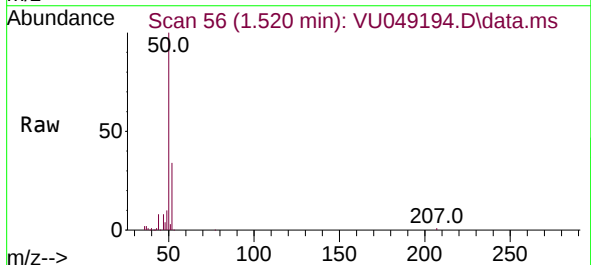
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ClientSampleId :

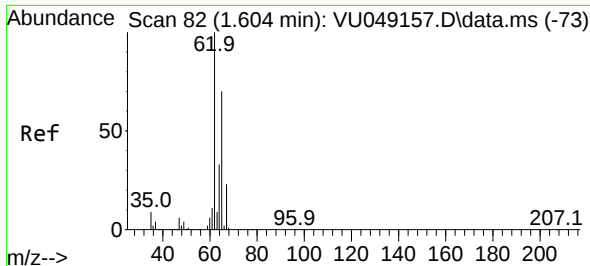
Tgt Ion: 85 Resp: 61607
Ion Ratio Lower Upper
85 100
87 32.3 25.5 38.3



#3
Chloromethane
Concen: 5.039 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU049194.D
Acq: 16 Jun 2022 09:24

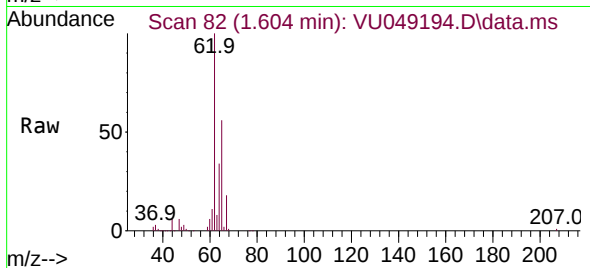
Tgt Ion: 50 Resp: 60163
Ion Ratio Lower Upper
50 100
52 33.9 22.7 42.1



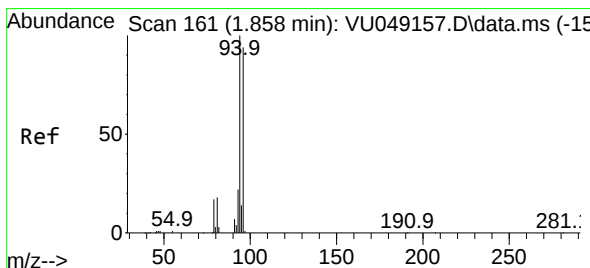
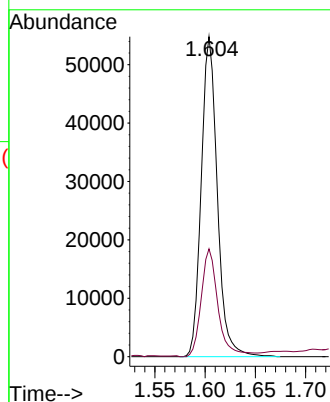
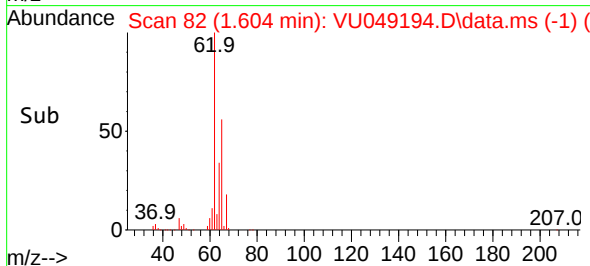


#5
 Vinyl chloride
 Concen: 5.678 ug/L
 RT: 1.604 min Scan# 82
 Delta R.T. 0.000 min
 Lab File: VU049194.D
 Acq: 16 Jun 2022 09:24

Instrument :
 MSVOA_U
 ClientSampleId :

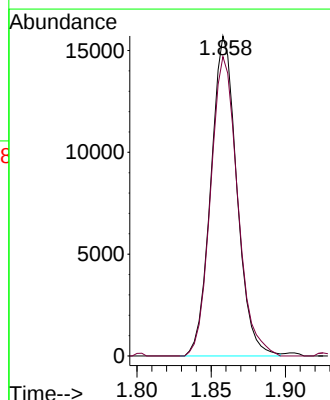
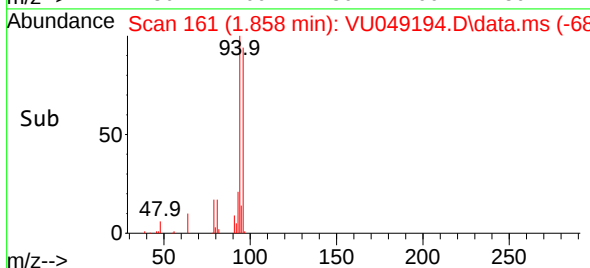
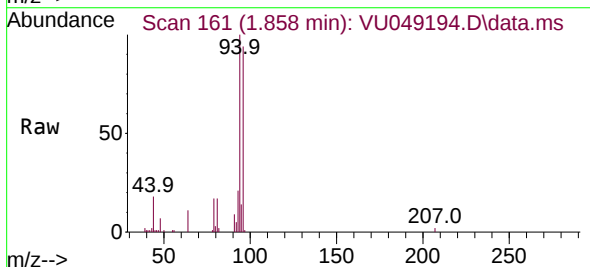


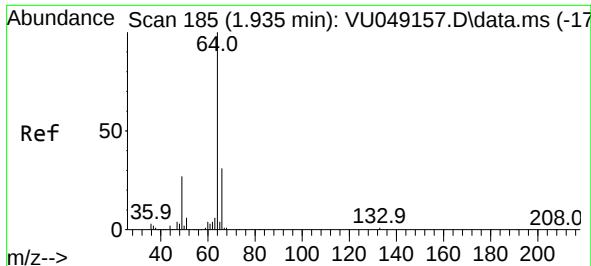
Tgt Ion: 62 Resp: 60819
 Ion Ratio Lower Upper
 62 100
 64 33.7 22.8 42.4



#6
 Bromomethane
 Concen: 3.240 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. 0.000 min
 Lab File: VU049194.D
 Acq: 16 Jun 2022 09:24

Tgt Ion: 94 Resp: 19095
 Ion Ratio Lower Upper
 94 100
 96 93.6 66.4 123.4

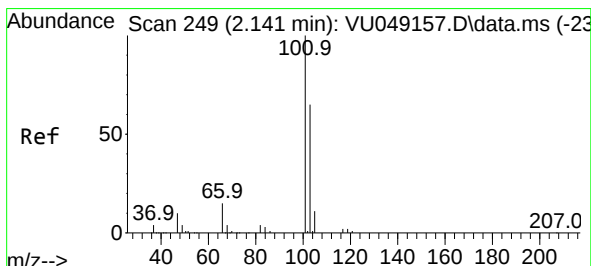
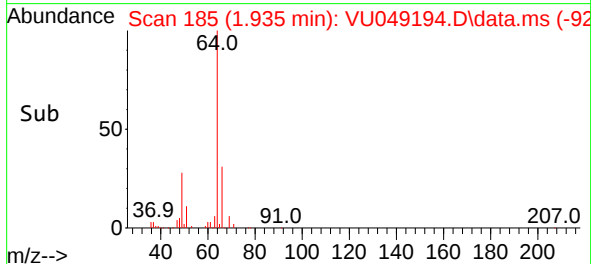
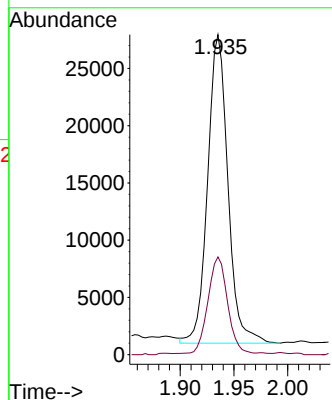
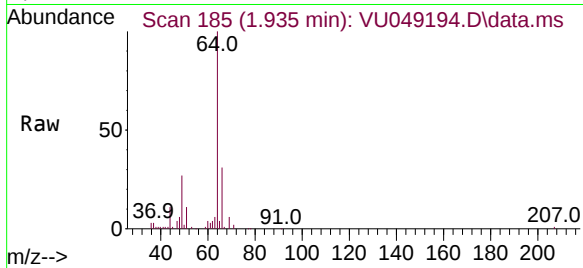




#8
Chloroethane
Concen: 5.703 ug/L
RT: 1.935 min Scan# 185
Delta R.T. 0.000 min
Lab File: VU049194.D
Acq: 16 Jun 2022 09:24

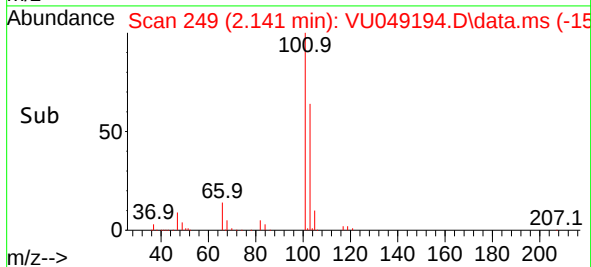
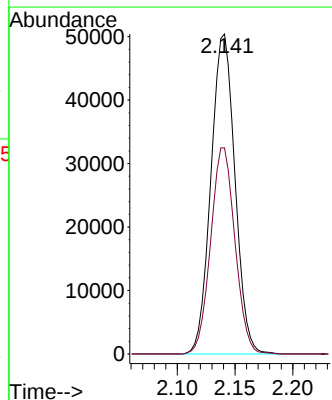
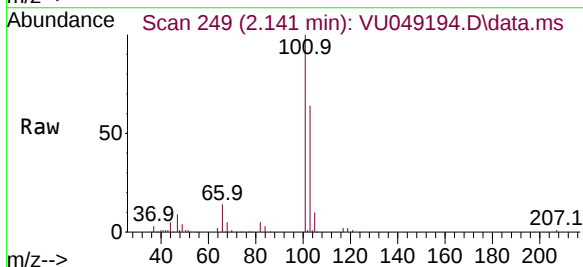
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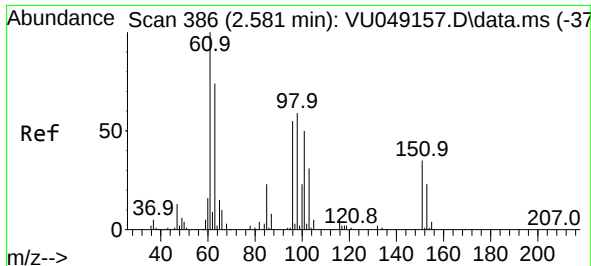
Tgt Ion: 64 Resp: 35355
Ion Ratio Lower Upper
64 100
66 30.5 20.9 38.9



#9
Trichlorofluoromethane
Concen: 5.865 ug/L
RT: 2.141 min Scan# 249
Delta R.T. 0.000 min
Lab File: VU049194.D
Acq: 16 Jun 2022 09:24

Tgt Ion: 101 Resp: 72904
Ion Ratio Lower Upper
101 100
103 65.2 53.5 80.3

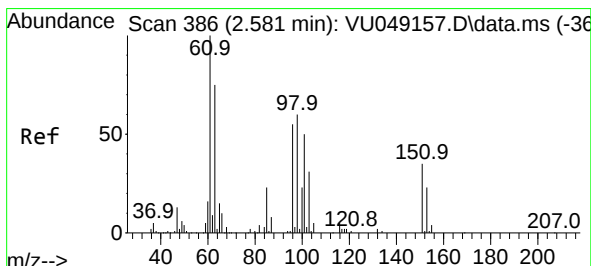
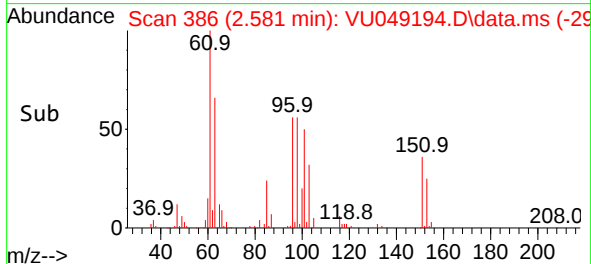
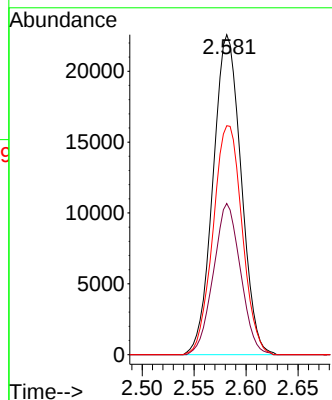
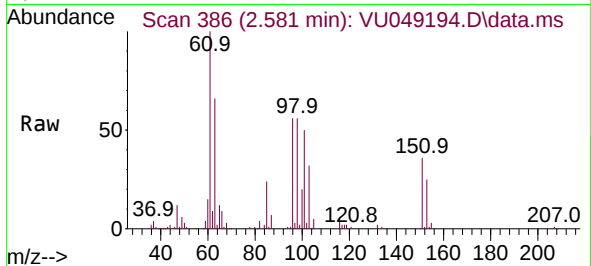




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.773 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. 0.000 min
 Lab File: VU049194.D
 Acq: 16 Jun 2022 09:24

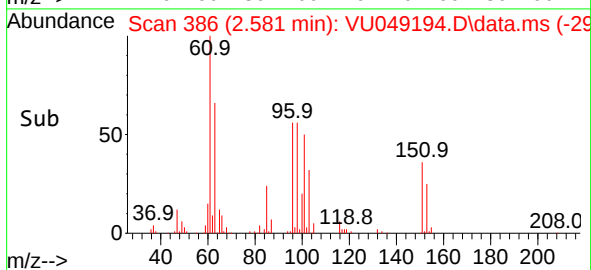
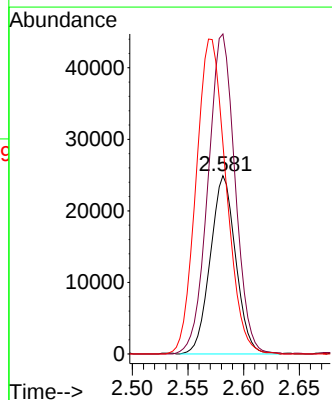
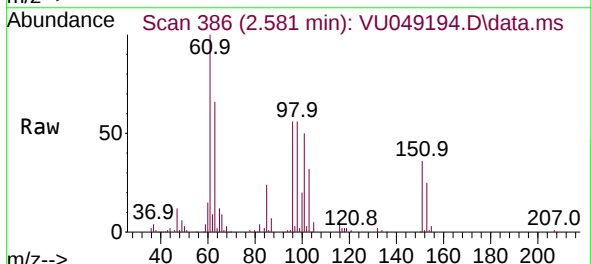
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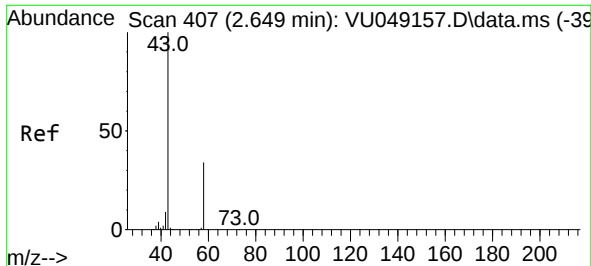
Tgt Ion:101 Resp: 42485
 Ion Ratio Lower Upper
 101 100
 85 45.6 36.1 54.1
 151 74.0 56.8 85.2



#12
 1,1-Dichloroethene
 Concen: 5.508 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. 0.000 min
 Lab File: VU049194.D
 Acq: 16 Jun 2022 09:24

Tgt Ion: 96 Resp: 39455
 Ion Ratio Lower Upper
 96 100
 61 179.5 127.2 236.2
 63 117.9 94.7 175.9





#13

Acetone

Concen: 55.608 ug/L

RT: 2.646 min Scan# 407

Delta R.T. -0.003 min

Lab File: VU049194.D

Acq: 16 Jun 2022 09:24

Instrument :

MSVOA_U

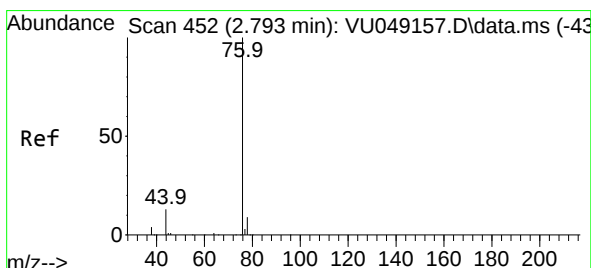
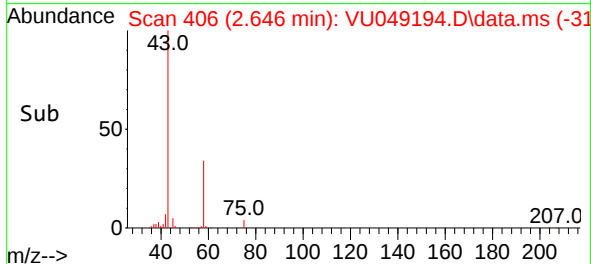
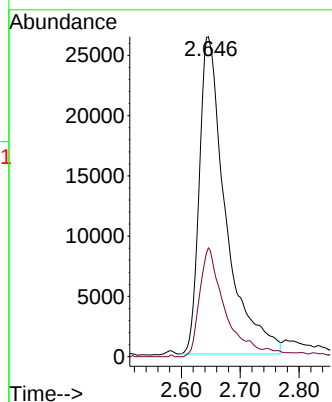
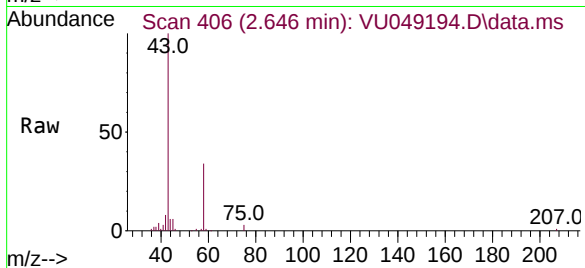
ClientSampleId :

Tgt Ion: 43 Resp: 81803

Ion Ratio Lower Upper

43 100

58 32.2 0.0 65.8



#14

Carbon disulfide

Concen: 5.656 ug/L

RT: 2.794 min Scan# 452

Delta R.T. 0.000 min

Lab File: VU049194.D

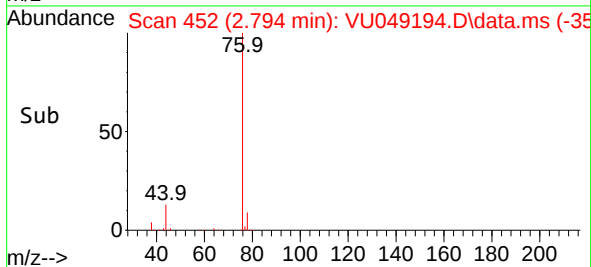
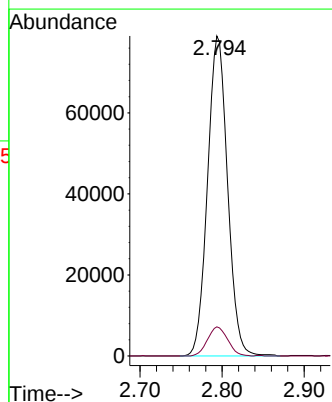
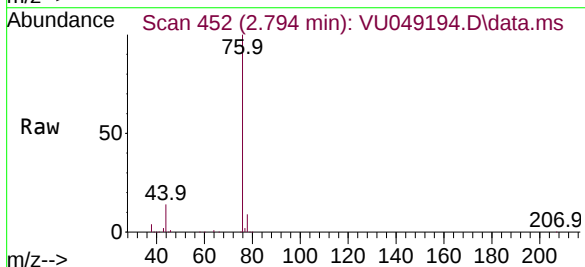
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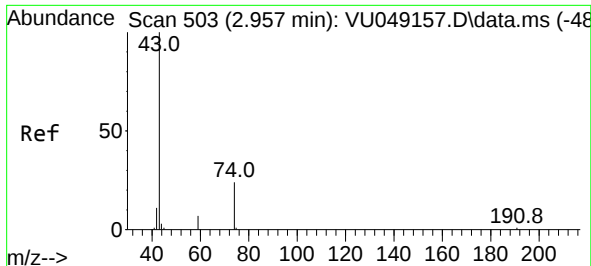
Tgt Ion: 76 Resp: 133830

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3

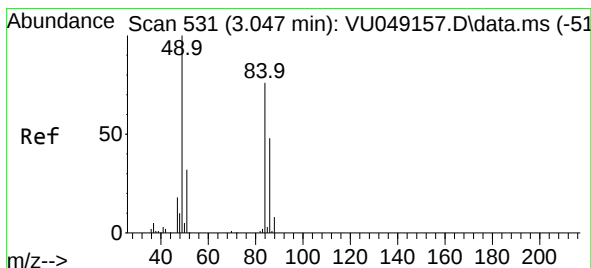
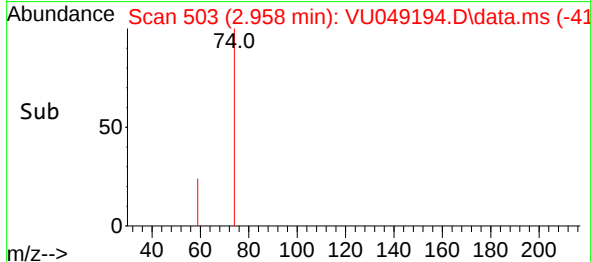
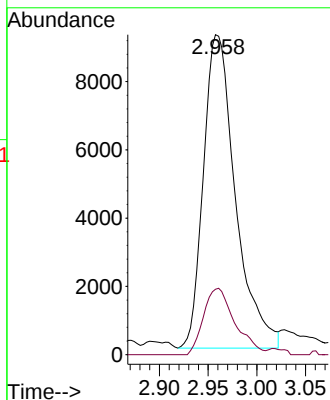
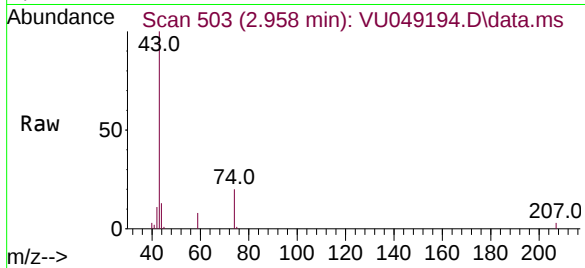




#15
Methyl Acetate
Concen: 5.342 ug/L
RT: 2.958 min Scan# 503
Delta R.T. 0.000 min
Lab File: VU049194.D
Acq: 16 Jun 2022 09:24

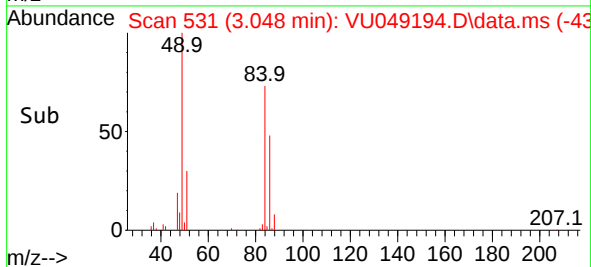
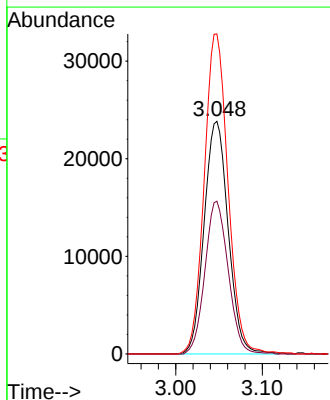
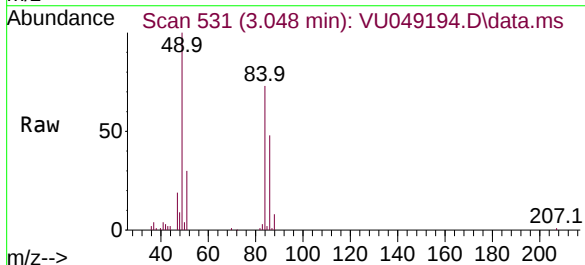
Instrument :
MSVOA_U
ClientSampleId :

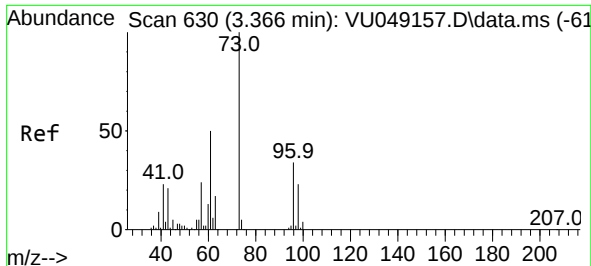
Tgt Ion: 43 Resp: 21016
Ion Ratio Lower Upper
43 100
74 20.8 17.6 26.4



#16
Methylene chloride
Concen: 4.884 ug/L
RT: 3.048 min Scan# 531
Delta R.T. 0.000 min
Lab File: VU049194.D
Acq: 16 Jun 2022 09:24

Tgt Ion: 84 Resp: 46027
Ion Ratio Lower Upper
84 100
86 65.7 43.6 81.0
49 137.6 90.2 167.6





#17

Methyl tert-butyl Ether

Concen: 5.271 ug/L

RT: 3.366 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU049194.D

Acq: 16 Jun 2022 09:24

Instrument :

MSVOA_U

ClientSampleId :

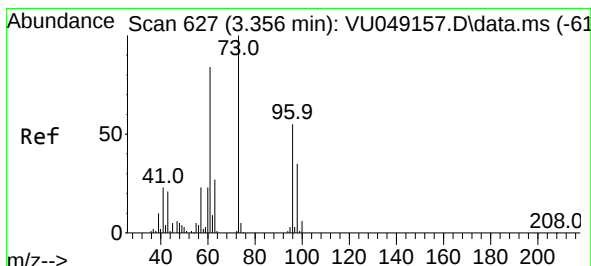
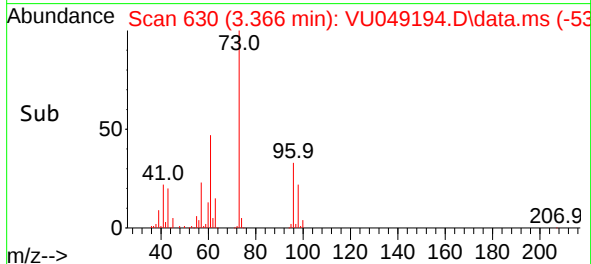
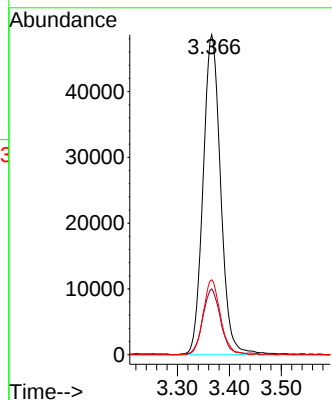
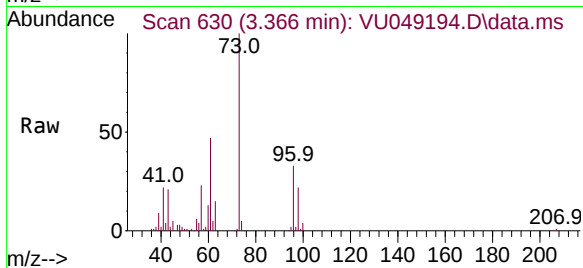
Tgt Ion: 73 Resp: 114201

Ion Ratio Lower Upper

73 100

43 20.9 16.5 24.7

57 22.9 18.6 27.8



#18

trans-1,2-Dichloroethene

Concen: 5.655 ug/L

RT: 3.356 min Scan# 627

Delta R.T. 0.000 min

Lab File: VU049194.D

Acq: 16 Jun 2022 09:24

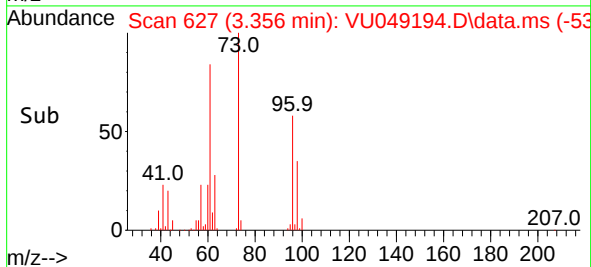
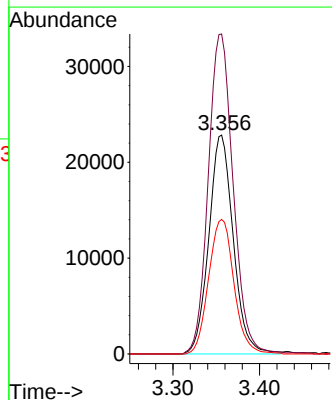
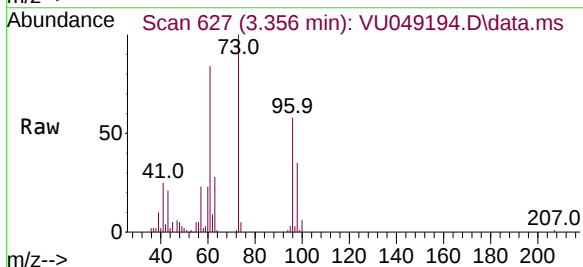
Tgt Ion: 96 Resp: 44880

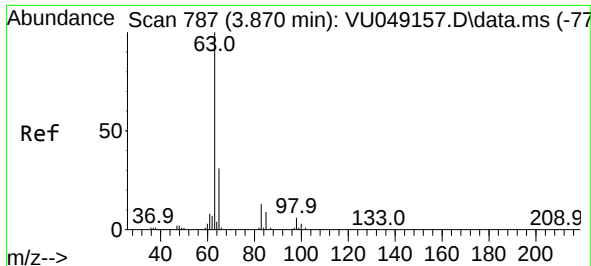
Ion Ratio Lower Upper

96 100

61 146.1 103.3 191.9

98 61.4 44.0 81.8





#19

1,1-Dichloroethane

Concen: 5.627 ug/L

RT: 3.871 min Scan# 71

Delta R.T. 0.000 min

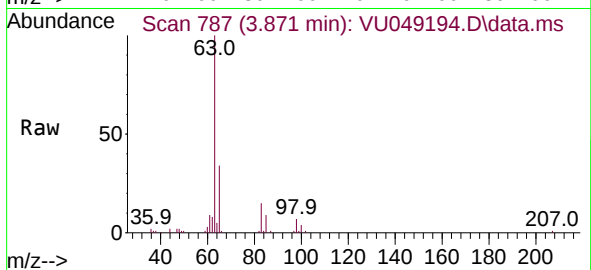
Lab File: VU049194.D

Acq: 16 Jun 2022 09:24

Instrument :

MSVOA_U

ClientSampleId :



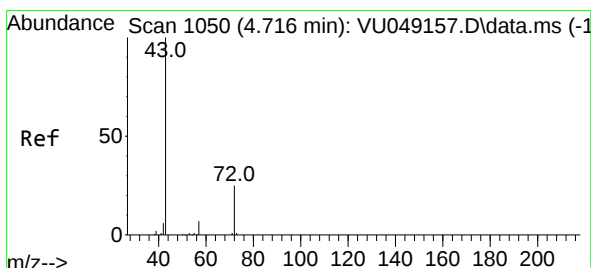
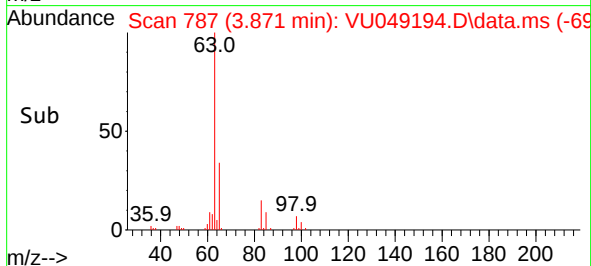
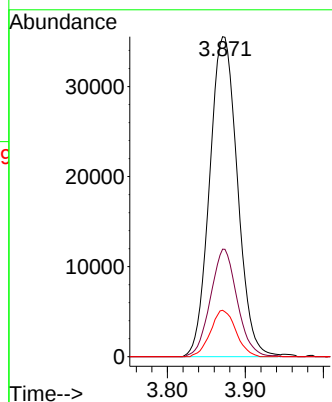
Tgt Ion: 63 Resp: 88061

Ion Ratio Lower Upper

63 100

65 33.6 24.0 44.6

83 14.5 9.1 16.9



#21

2-Butanone

Concen: 53.687 ug/L

RT: 4.716 min Scan# 1050

Delta R.T. 0.000 min

Lab File: VU049194.D

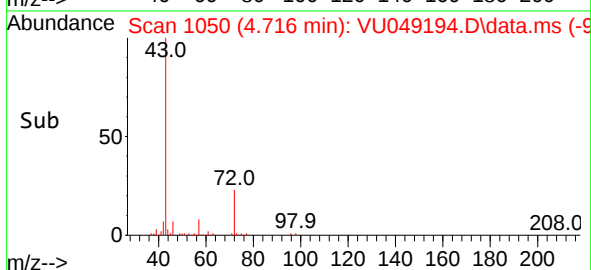
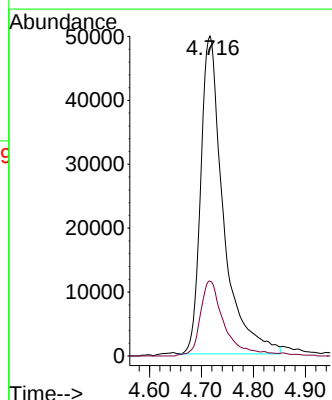
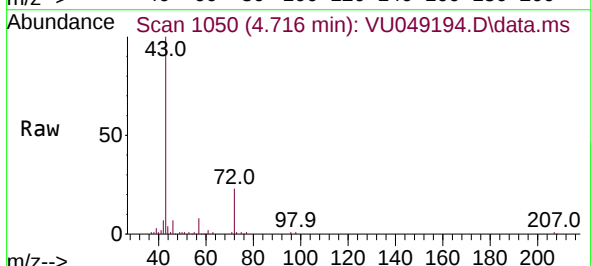
Acq: 16 Jun 2022 09:24

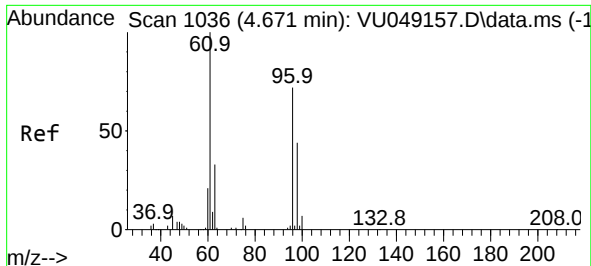
Tgt Ion: 43 Resp: 150595

Ion Ratio Lower Upper

43 100

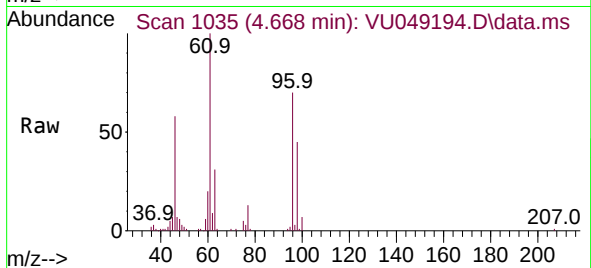
72 24.3 12.2 36.6





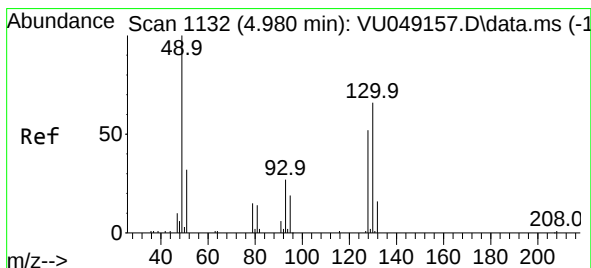
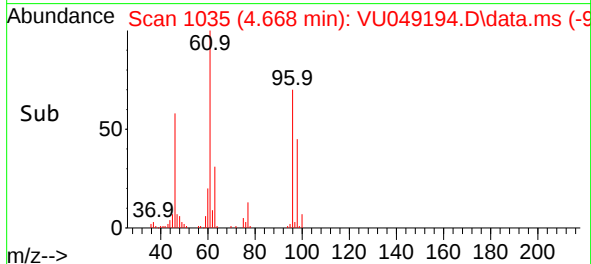
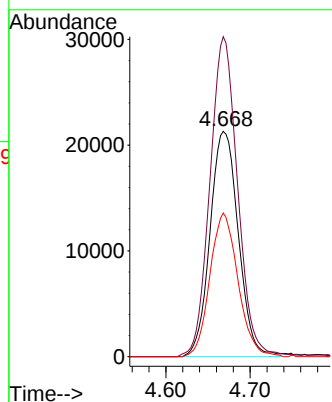
#22
 cis-1,2-Dichloroethene
 Concen: 5.607 ug/L
 RT: 4.668 min Scan# 1035
 Delta R.T. -0.003 min
 Lab File: VU049194.D
 Acq: 16 Jun 2022 09:24

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 49773

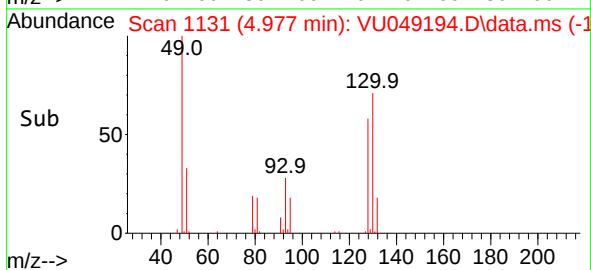
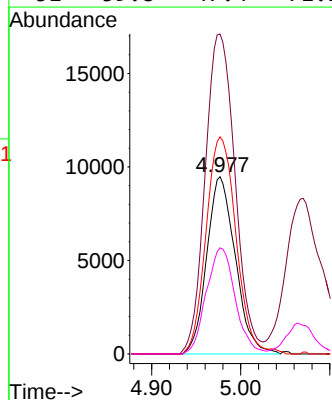
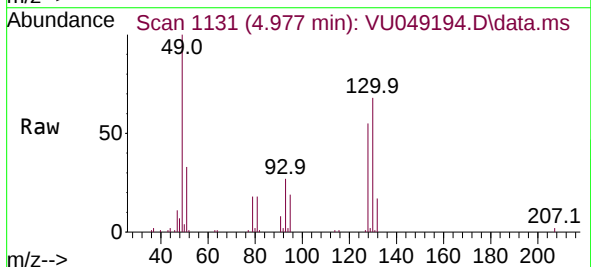
Ion	Ratio	Lower	Upper
96	100		
61	142.0	99.5	184.9
98	63.8	44.8	83.2

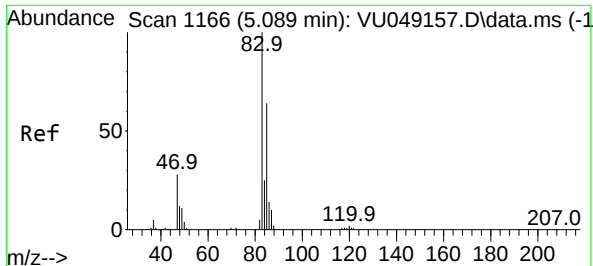


#23
 Bromochloromethane
 Concen: 5.561 ug/L
 RT: 4.977 min Scan# 1131
 Delta R.T. -0.003 min
 Lab File: VU049194.D
 Acq: 16 Jun 2022 09:24

Tgt Ion: 128 Resp: 21132

Ion	Ratio	Lower	Upper
128	100		
49	180.6	131.6	244.4
130	122.5	86.9	161.5
51	59.8	47.4	71.2





#25

Chloroform

Concen: 5.612 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU049194.D

Acq: 16 Jun 2022 09:24

Instrument :

MSVOA_U

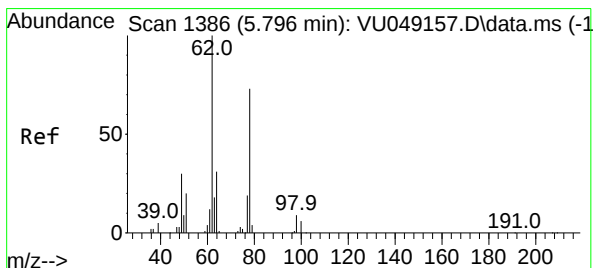
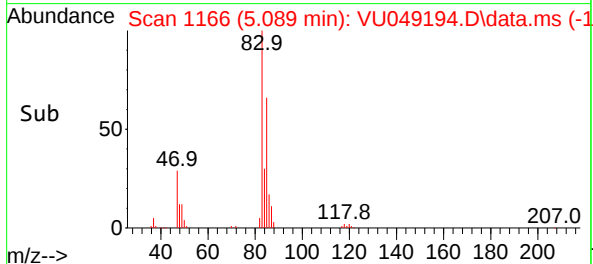
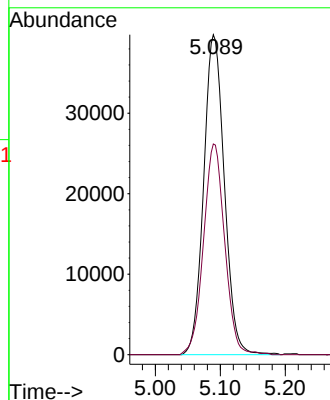
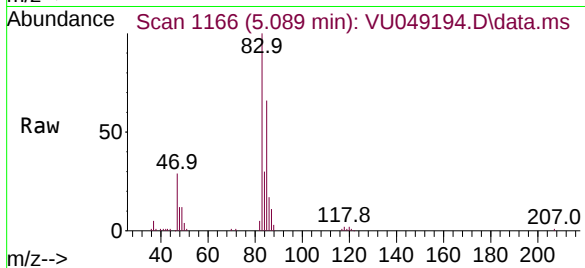
ClientSampleId :

Tgt Ion: 83 Resp: 88152

Ion Ratio Lower Upper

83 100

85 65.8 45.8 85.2



#27

1,2-Dichloroethane

Concen: 5.541 ug/L

RT: 5.797 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VU049194.D

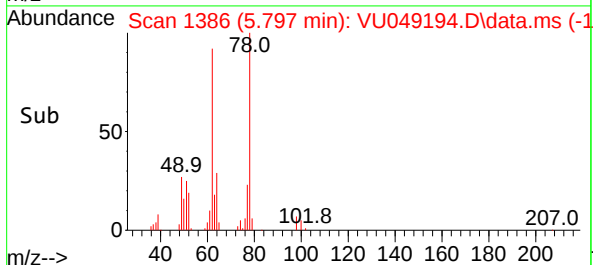
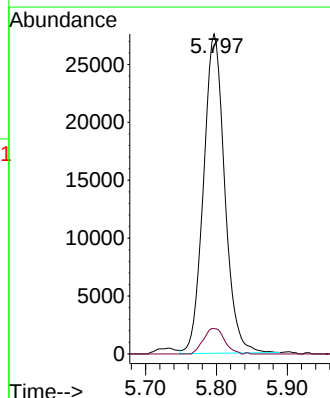
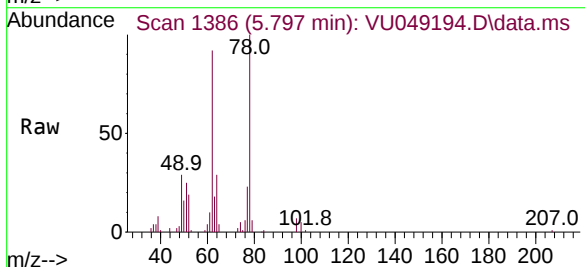
Acq: 16 Jun 2022 09:24

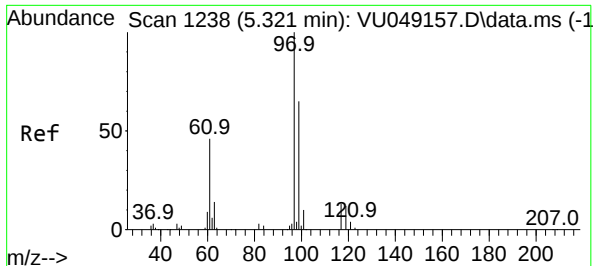
Tgt Ion: 62 Resp: 57325

Ion Ratio Lower Upper

62 100

98 7.9 7.6 11.4





#29

1,1,1-Trichloroethane

Concen: 5.604 ug/L

RT: 5.318 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU049194.D

Acq: 16 Jun 2022 09:24

Instrument :

MSVOA_U

ClientSampleId :

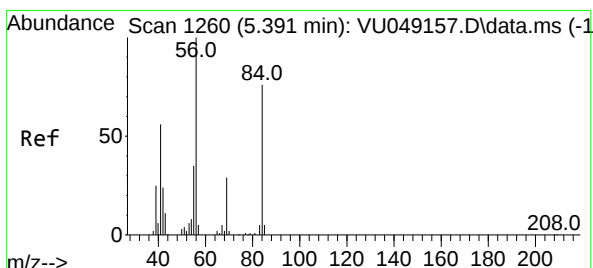
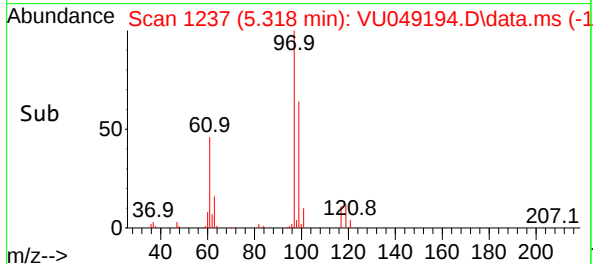
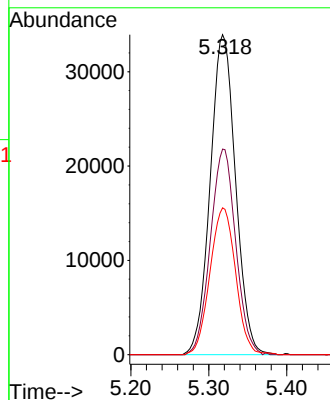
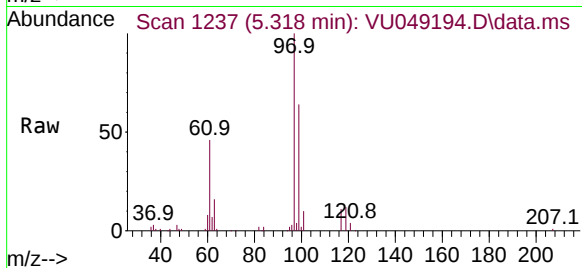
Tgt Ion: 97 Resp: 76803

Ion Ratio Lower Upper

97 100

99 64.2 51.0 76.4

61 46.4 36.2 54.4



#30

Cyclohexane

Concen: 5.564 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. -0.003 min

Lab File: VU049194.D

Acq: 16 Jun 2022 09:24

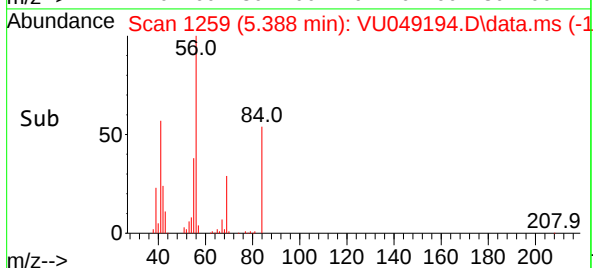
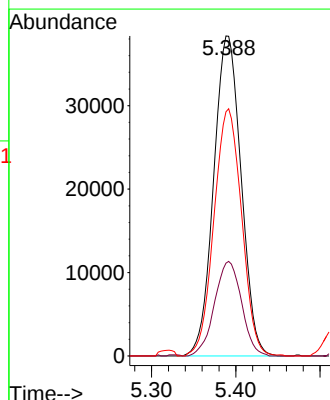
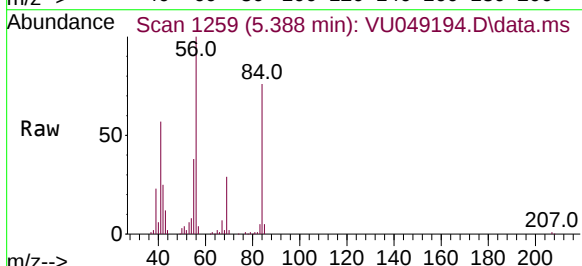
Tgt Ion: 56 Resp: 86663

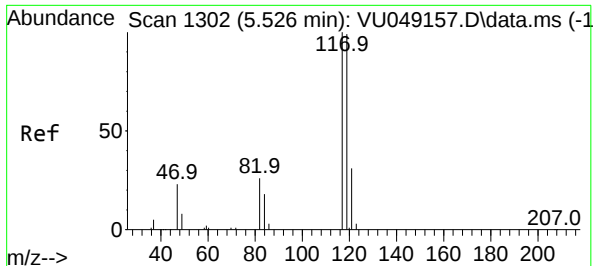
Ion Ratio Lower Upper

56 100

69 29.1 23.8 35.6

84 77.9 61.2 91.8

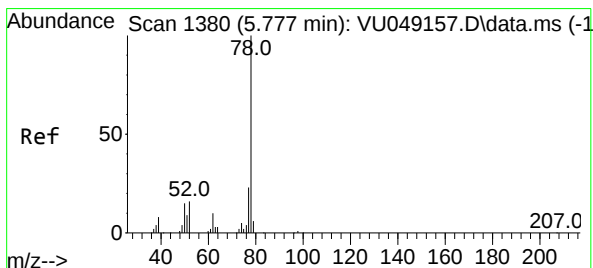
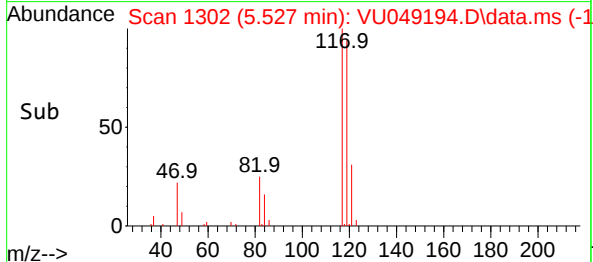
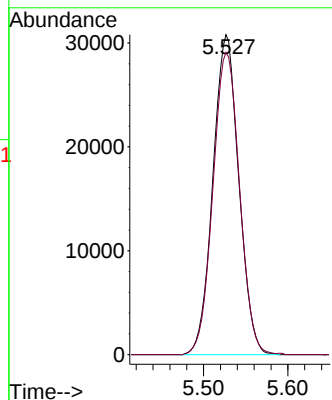
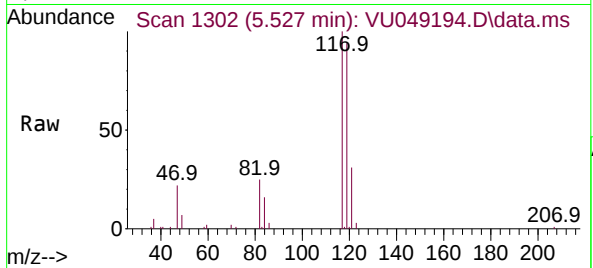




#31
Carbon tetrachloride
Concen: 5.723 ug/L
RT: 5.527 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU049194.D
Acq: 16 Jun 2022 09:24

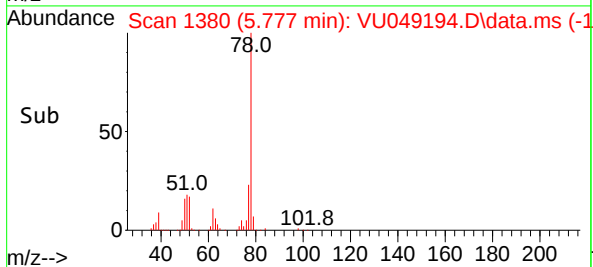
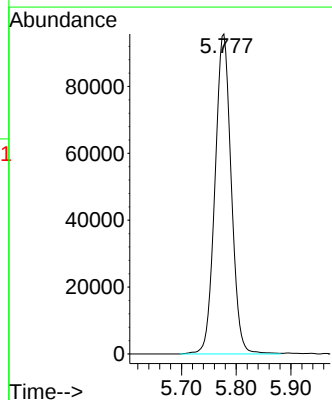
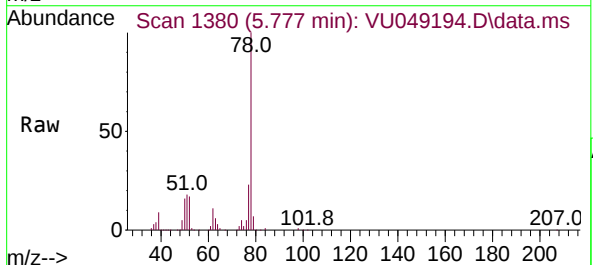
Instrument :
MSVOA_U
ClientSampleId :

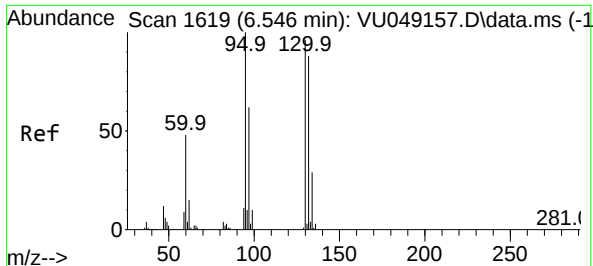
Tgt Ion:117 Resp: 65666
Ion Ratio Lower Upper
117 100
119 97.0 78.3 117.5



#33
Benzene
Concen: 5.786 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU049194.D
Acq: 16 Jun 2022 09:24

Tgt Ion: 78 Resp: 197450





#34

Trichloroethene

Concen: 5.797 ug/L

RT: 6.543 min Scan# 1

Delta R.T. -0.003 min

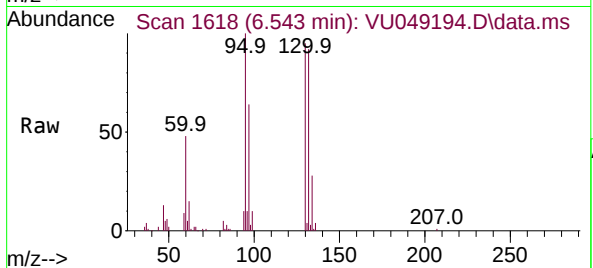
Lab File: VU049194.D

Acq: 16 Jun 2022 09:24

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 50568

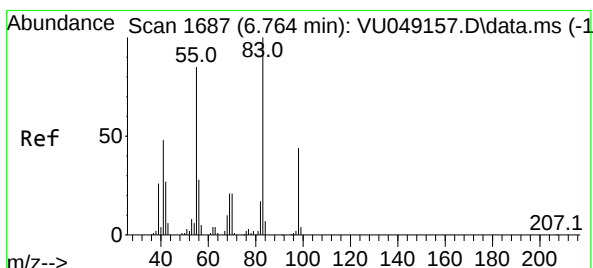
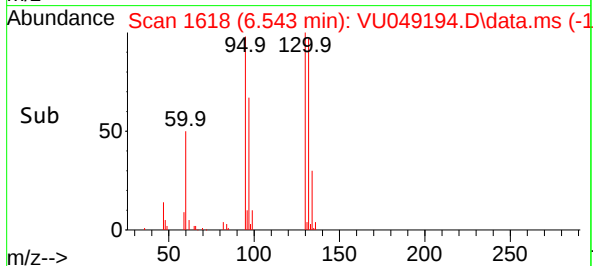
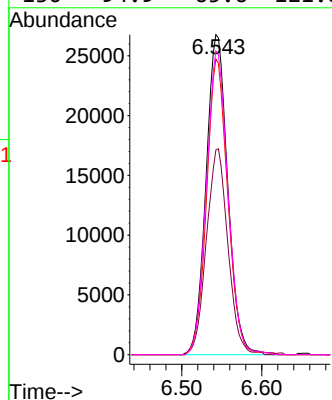
Ion Ratio Lower Upper

95 100

97 64.0 45.3 84.1

132 92.3 61.5 114.3

130 94.9 65.6 121.8



#35

Methylcyclohexane

Concen: 5.783 ug/L

RT: 6.764 min Scan# 1687

Delta R.T. 0.000 min

Lab File: VU049194.D

Acq: 16 Jun 2022 09:24

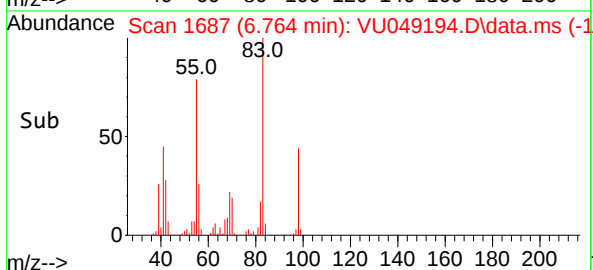
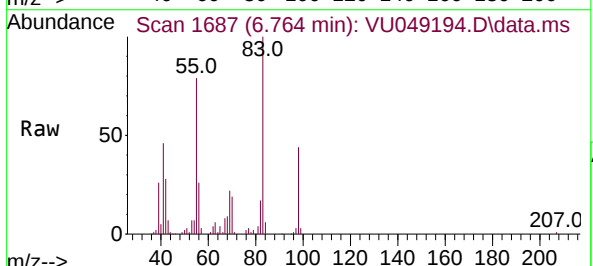
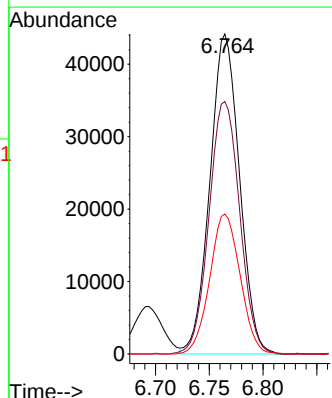
Tgt Ion: 83 Resp: 84597

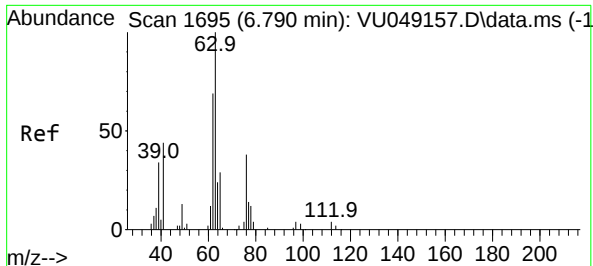
Ion Ratio Lower Upper

83 100

55 82.0 66.9 100.3

98 45.0 35.5 53.3





#37

1,2-Dichloropropane

Concen: 5.719 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU049194.D

Acq: 16 Jun 2022 09:24

Instrument :

MSVOA_U

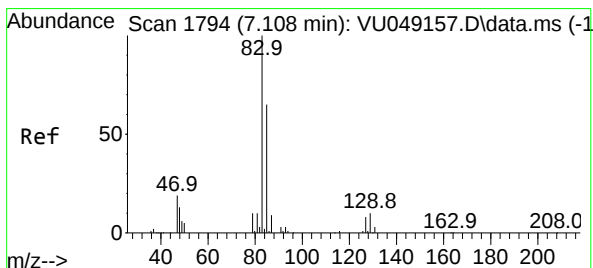
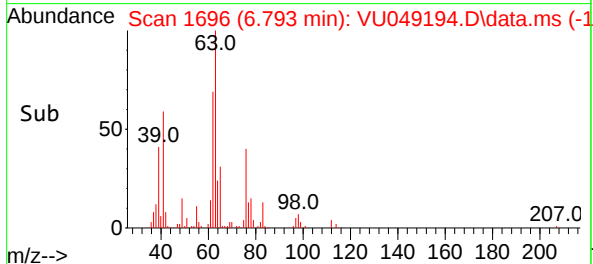
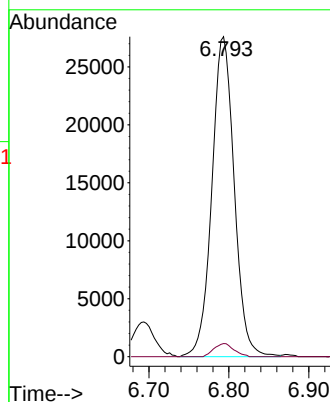
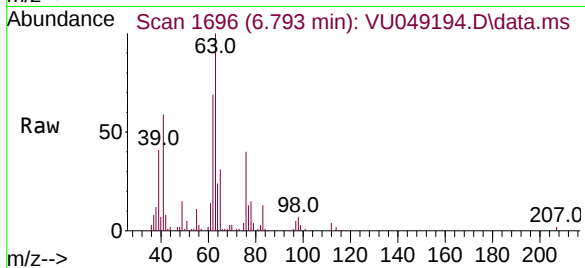
ClientSampleId :

Tgt Ion: 63 Resp: 53625

Ion Ratio Lower Upper

63 100

112 3.7 2.8 4.2



#38

Bromodichloromethane

Concen: 5.625 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU049194.D

Acq: 16 Jun 2022 09:24

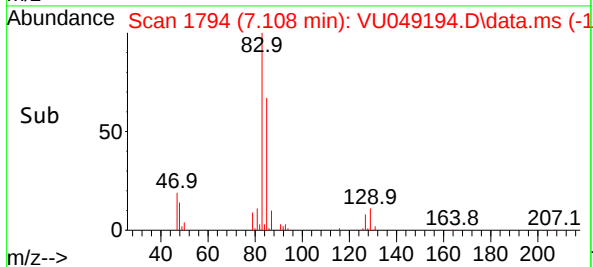
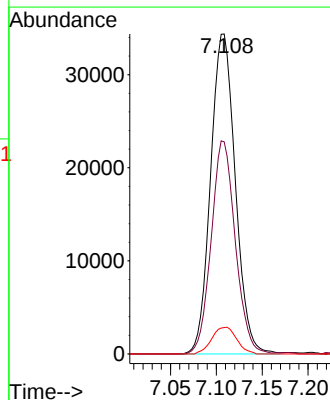
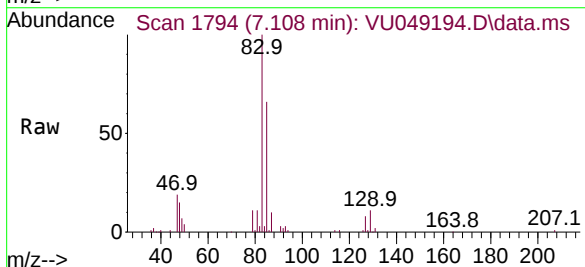
Tgt Ion: 83 Resp: 64472

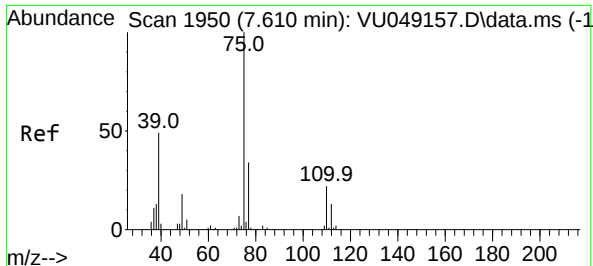
Ion Ratio Lower Upper

83 100

85 66.3 45.5 84.5

127 8.3 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 5.372 ug/L

RT: 7.607 min Scan# 1950

Delta R.T. -0.003 min

Lab File: VU049194.D

Acq: 16 Jun 2022 09:24

Instrument :

MSVOA_U

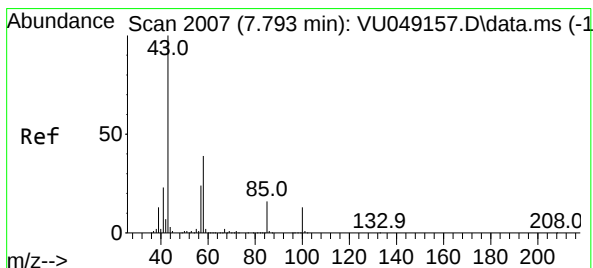
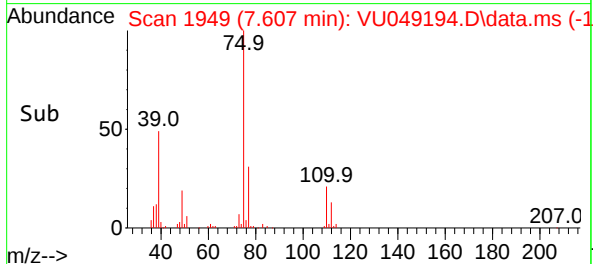
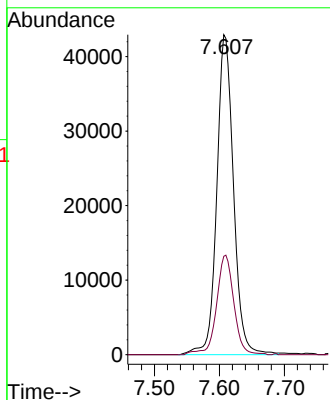
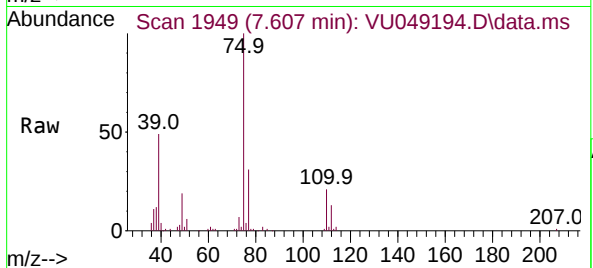
ClientSampleId :

Tgt Ion: 75 Resp: 76559

Ion Ratio Lower Upper

75 100

77 30.8 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 52.856 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU049194.D

Acq: 16 Jun 2022 09:24

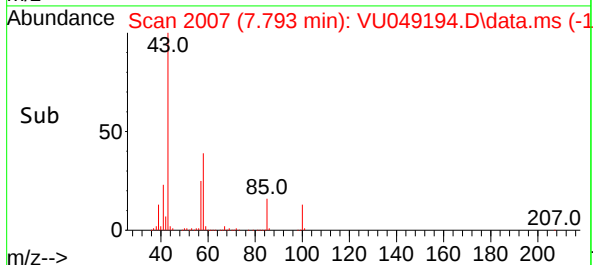
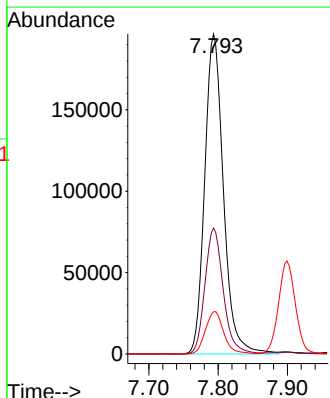
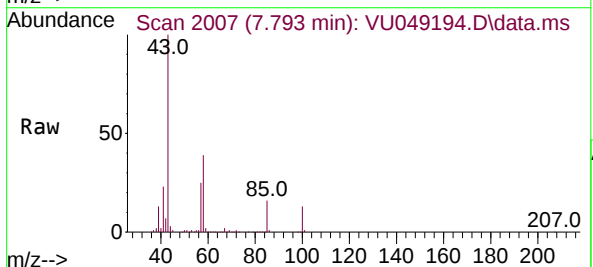
Tgt Ion: 43 Resp: 368201

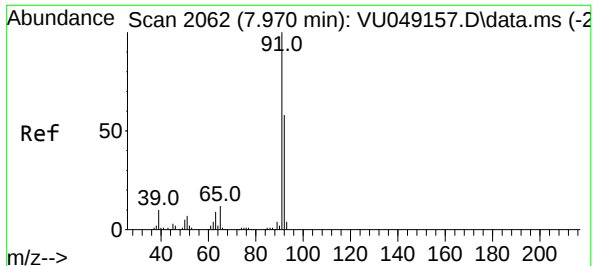
Ion Ratio Lower Upper

43 100

58 38.5 31.4 47.2

100 13.0 10.5 15.7





#42

Toluene

Concen: 5.712 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU049194.D

Acq: 16 Jun 2022 09:24

Instrument :

MSVOA_U

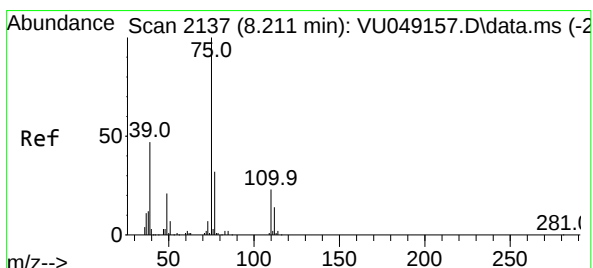
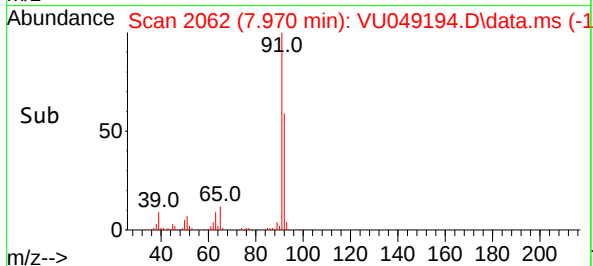
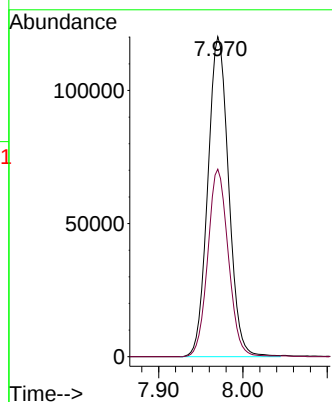
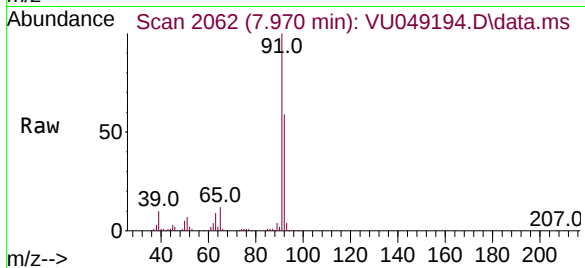
ClientSampleId :

Tgt Ion: 91 Resp: 206679

Ion Ratio Lower Upper

91 100

92 58.6 40.0 74.2



#44

trans-1,3-Dichloropropene

Concen: 5.186 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU049194.D

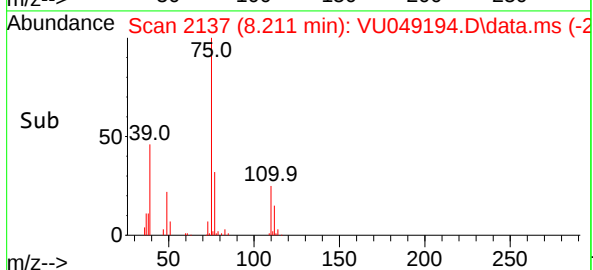
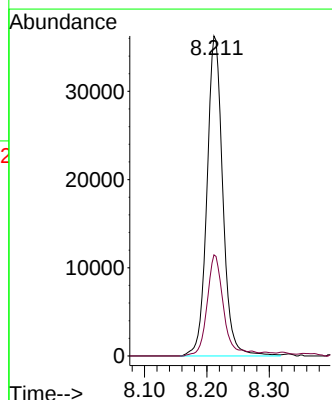
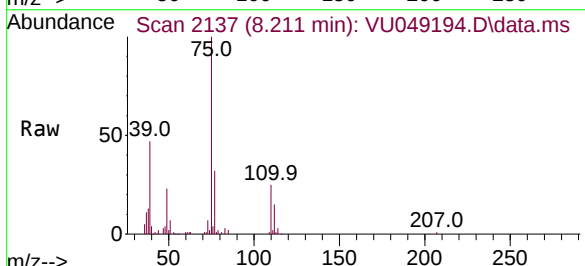
Acq: 16 Jun 2022 09:24

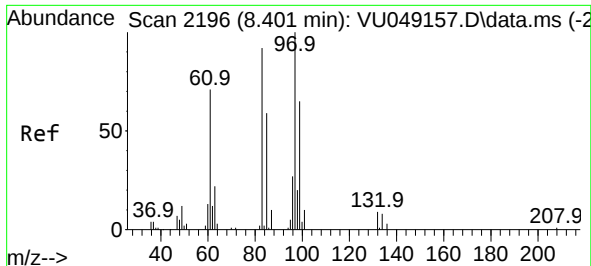
Tgt Ion: 75 Resp: 64200

Ion Ratio Lower Upper

75 100

77 31.6 21.1 39.3

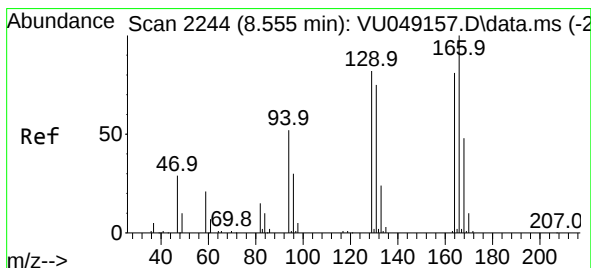
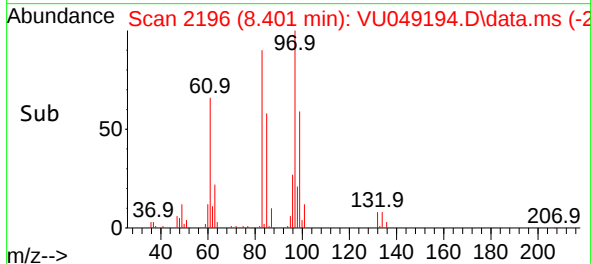
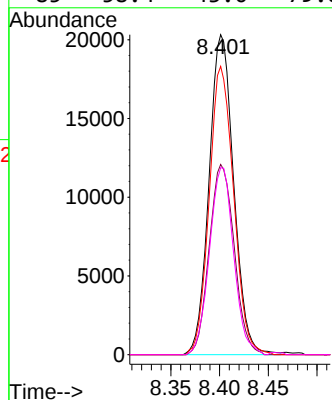
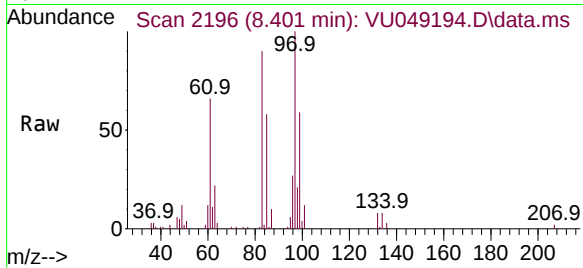




#45
1,1,2-Trichloroethane
Concen: 5.470 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU049194.D
Acq: 16 Jun 2022 09:24

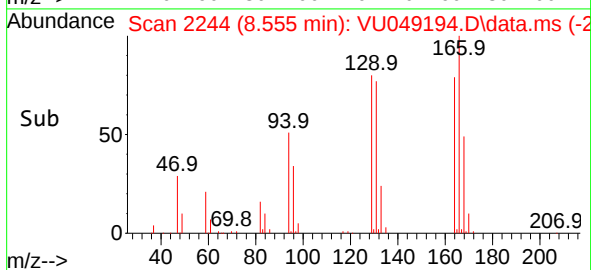
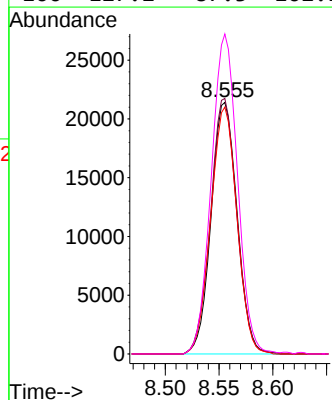
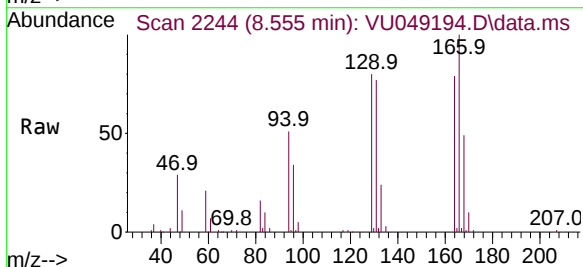
Instrument :
MSVOA_U
ClientSampleId :

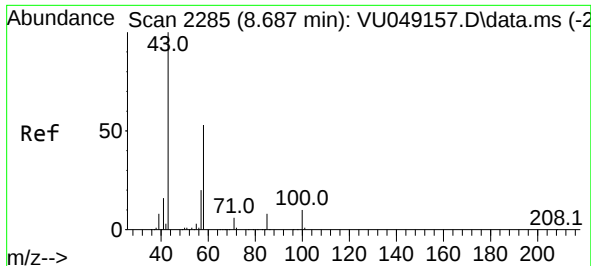
Tgt Ion:	97	Resp:	35752
Ion	Ratio	Lower	Upper
97	100		
99	59.4	45.6	84.8
83	90.1	65.4	121.4
85	58.4	43.0	79.8



#47
Tetrachloroethene
Concen: 5.980 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU049194.D
Acq: 16 Jun 2022 09:24

Tgt Ion:	164	Resp:	35968
Ion	Ratio	Lower	Upper
164	100		
129	101.6	69.8	129.6
131	98.1	67.8	125.8
166	127.2	87.3	162.1

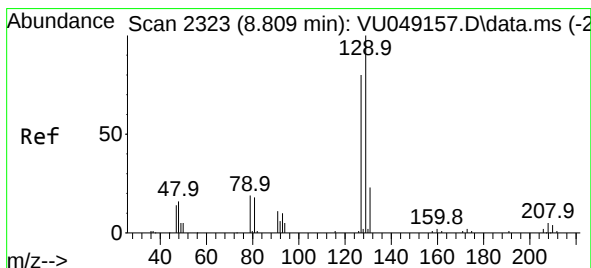
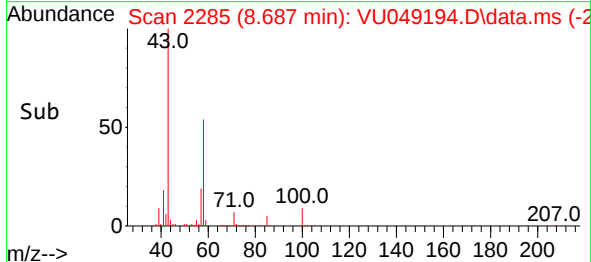
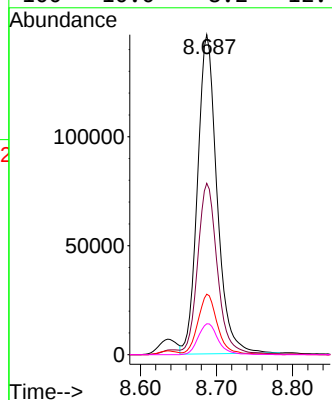
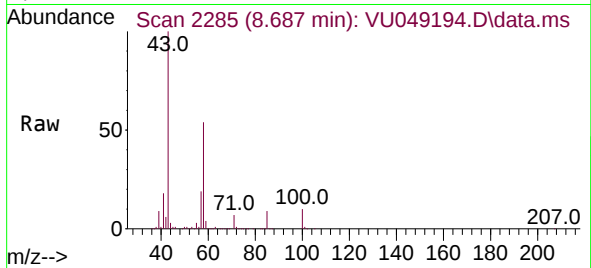




#48
2-Hexanone
Concen: 52.403 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU049194.D
Acq: 16 Jun 2022 09:24

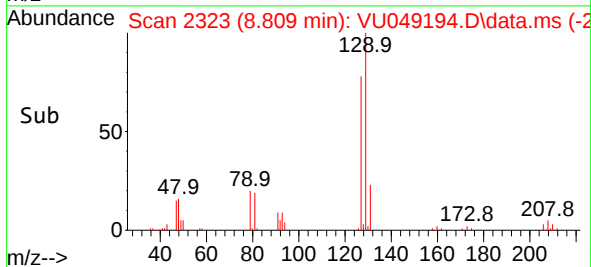
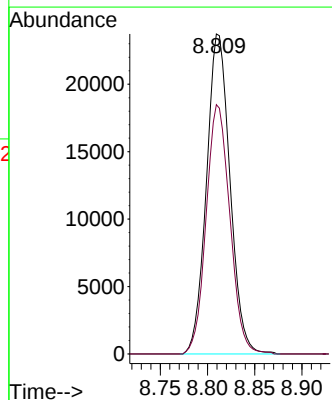
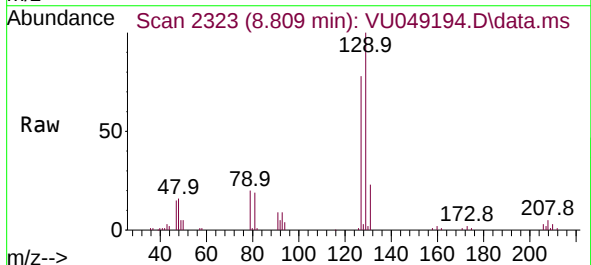
Instrument :
MSVOA_U
ClientSampleId :

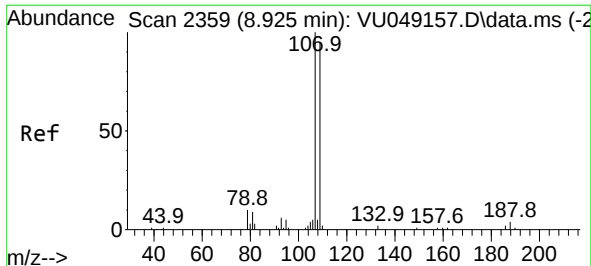
Tgt Ion: 43 Resp: 260555
Ion Ratio Lower Upper
43 100
58 54.3 43.4 65.0
57 18.5 14.9 22.3
100 10.0 8.2 12.4



#49
Dibromochloromethane
Concen: 5.512 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU049194.D
Acq: 16 Jun 2022 09:24

Tgt Ion: 129 Resp: 41106
Ion Ratio Lower Upper
129 100
127 77.9 54.9 101.9

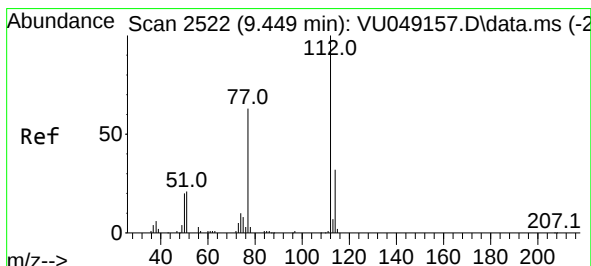
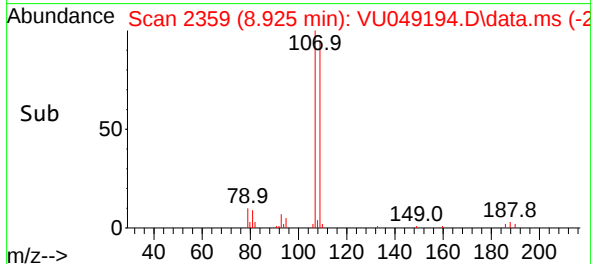
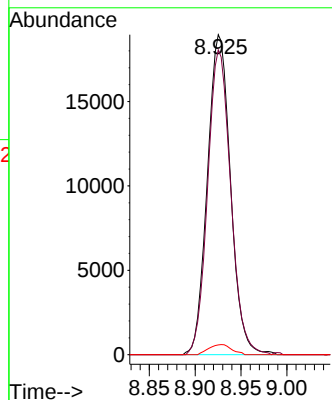
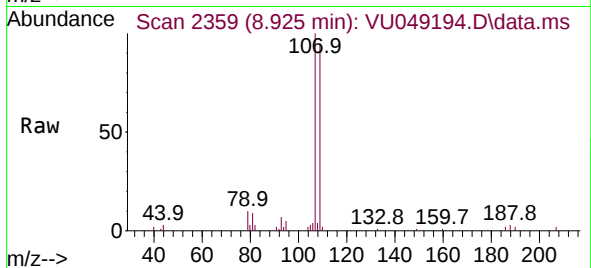




#50
1,2-Dibromoethane
Concen: 5.483 ug/L
RT: 8.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU049194.D
Acq: 16 Jun 2022 09:24

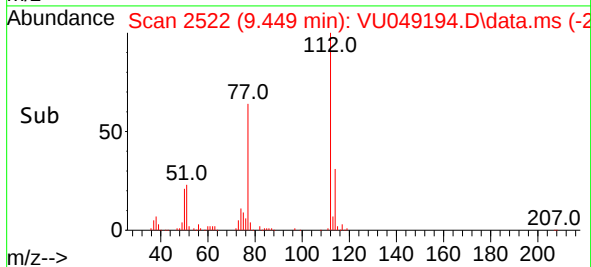
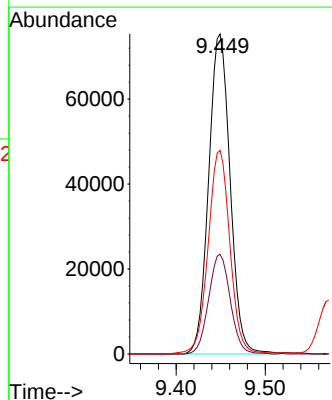
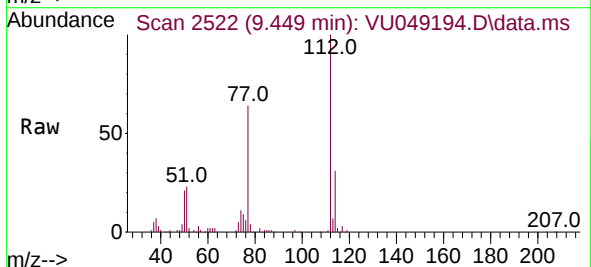
Instrument :
MSVOA_U
ClientSampleId :

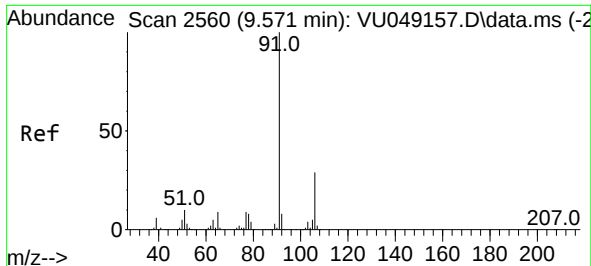
Tgt Ion:107 Resp: 33226
Ion Ratio Lower Upper
107 100
109 95.3 64.4 119.6
188 3.0 2.9 4.3



#51
Chlorobenzene
Concen: 5.720 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU049194.D
Acq: 16 Jun 2022 09:24

Tgt Ion:112 Resp: 126030
Ion Ratio Lower Upper
112 100
114 31.2 22.3 41.3
77 63.6 51.0 76.6

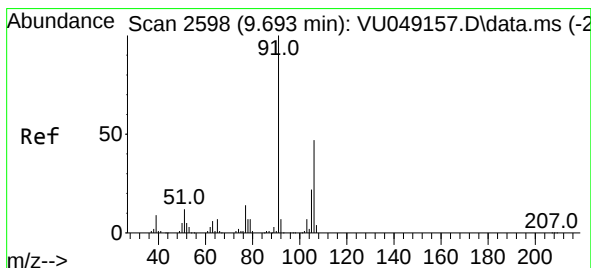
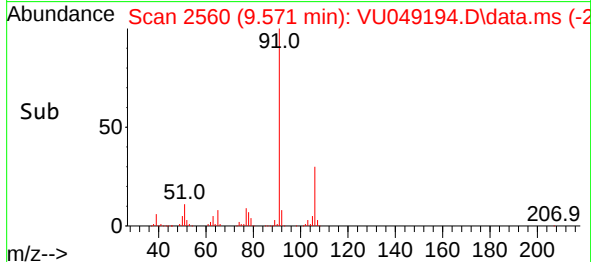
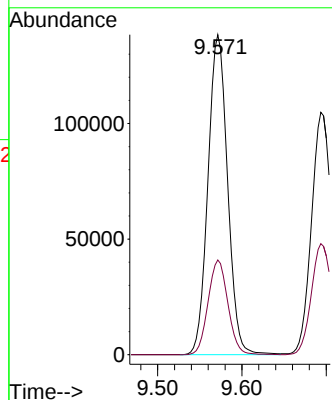
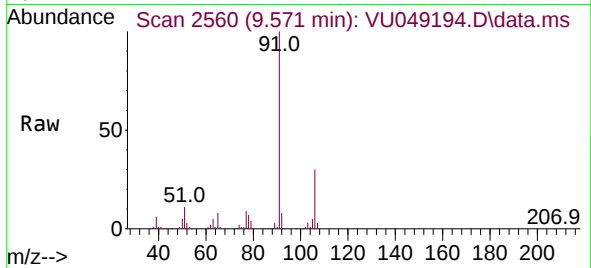




#52
Ethylbenzene
Concen: 5.670 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU049194.D
Acq: 16 Jun 2022 09:24

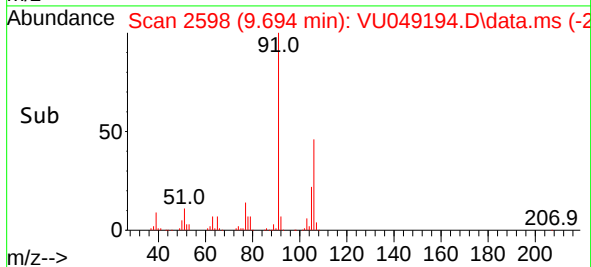
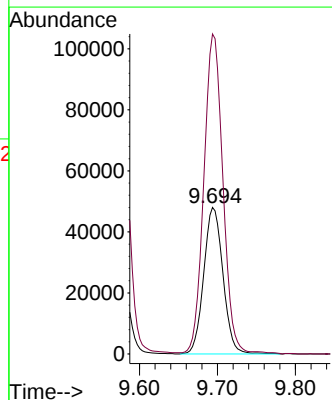
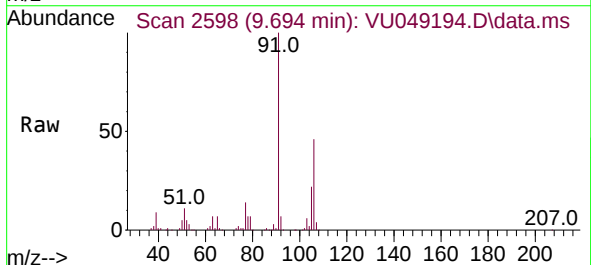
Instrument :
MSVOA_U
ClientSampleId :

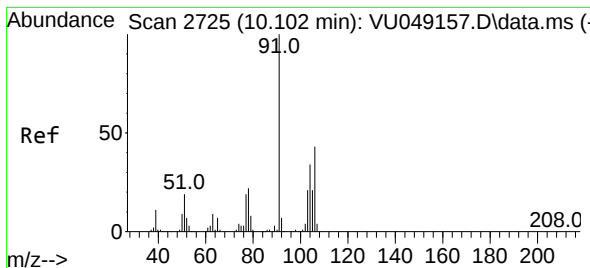
Tgt Ion: 91 Resp: 224097
Ion Ratio Lower Upper
91 100
106 29.6 21.2 39.4



#53
m,p-Xylene
Concen: 5.606 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU049194.D
Acq: 16 Jun 2022 09:24

Tgt Ion: 106 Resp: 82331
Ion Ratio Lower Upper
106 100
91 218.4 148.5 275.7





#54

o-Xylene

Concen: 5.613 ug/L

RT: 10.102 min Scan# 2725

Delta R.T. 0.000 min

Lab File: VU049194.D

Acq: 16 Jun 2022 09:24

Instrument :

MSVOA_U

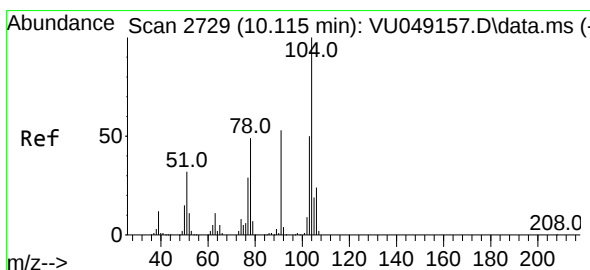
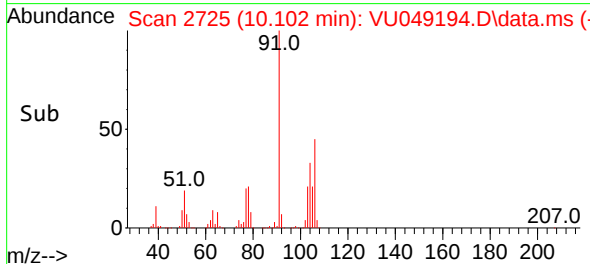
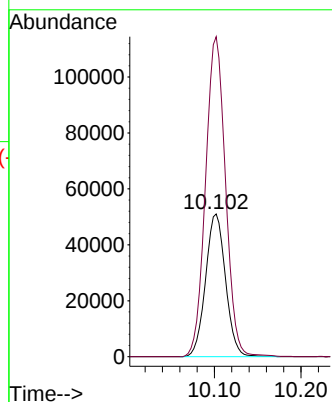
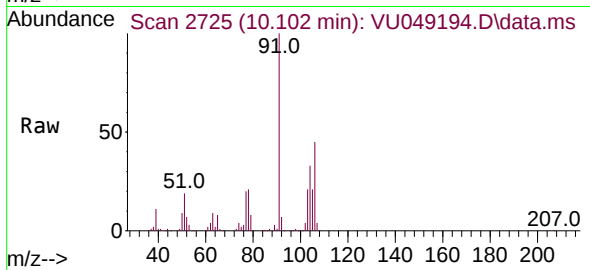
ClientSampleId :

Tgt Ion:106 Resp: 81734

Ion Ratio Lower Upper

106 100

91 224.2 157.5 292.5



#55

Styrene

Concen: 5.643 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. 0.000 min

Lab File: VU049194.D

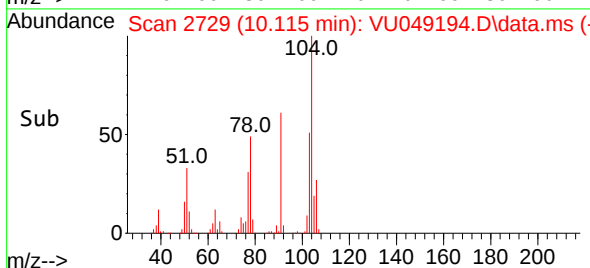
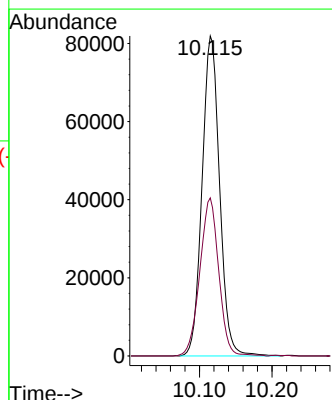
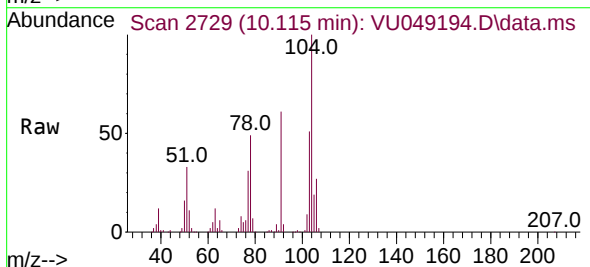
Acq: 16 Jun 2022 09:24

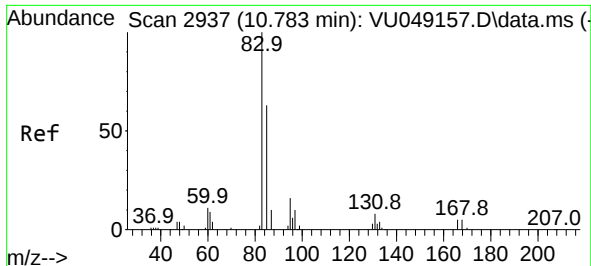
Tgt Ion:104 Resp: 137624

Ion Ratio Lower Upper

104 100

78 49.4 34.1 63.3

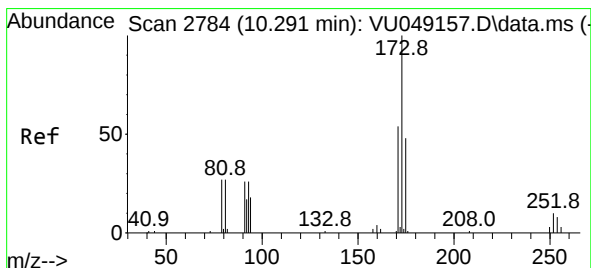
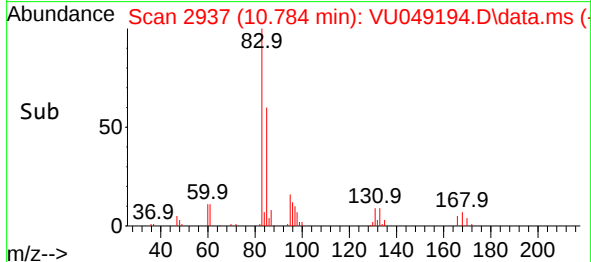
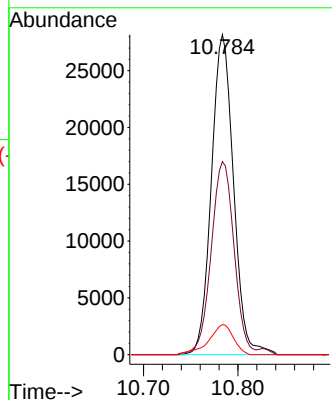
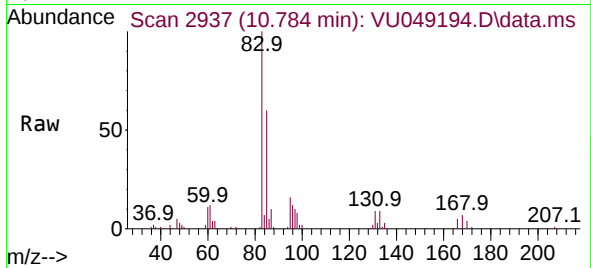




#57
1,1,2,2-Tetrachloroethane
Concen: 5.295 ug/L
RT: 10.784 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU049194.D
Acq: 16 Jun 2022 09:24

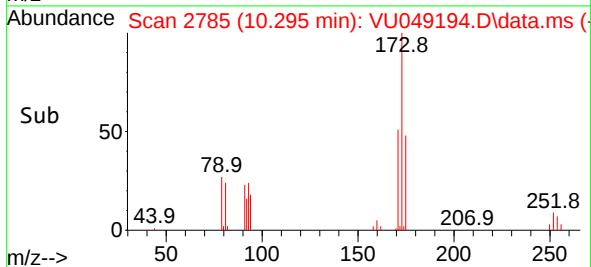
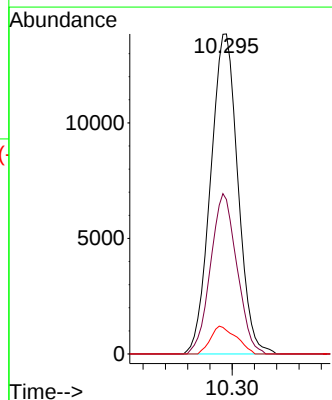
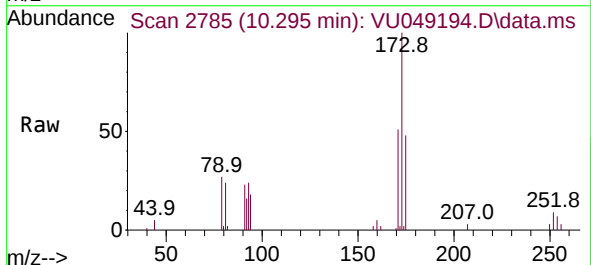
Instrument :
MSVOA_U
ClientSampleId :

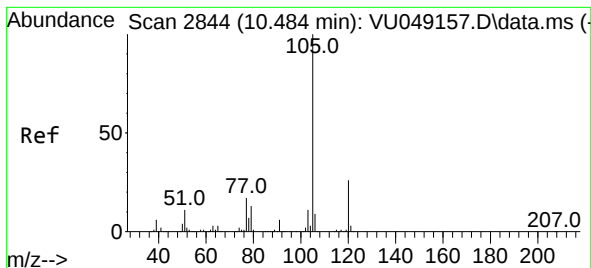
Tgt Ion: 83 Resp: 45802
Ion Ratio Lower Upper
83 100
85 60.4 45.4 84.4
131 9.4 7.1 10.7



#59
Bromoform
Concen: 5.310 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. 0.003 min
Lab File: VU049194.D
Acq: 16 Jun 2022 09:24

Tgt Ion: 173 Resp: 23531
Ion Ratio Lower Upper
173 100
175 48.4 37.9 56.9
254 8.2 6.6 9.8





#60

Isopropylbenzene

Concen: 5.453 ug/L

RT: 10.485 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU049194.D

Acq: 16 Jun 2022 09:24

Instrument :

MSVOA_U

ClientSampleId :

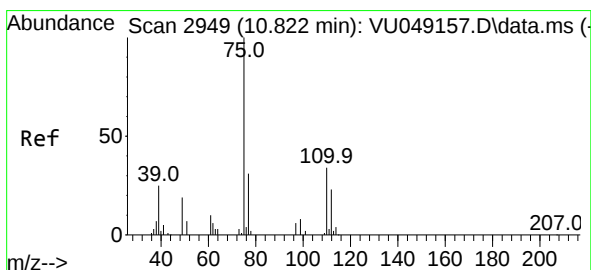
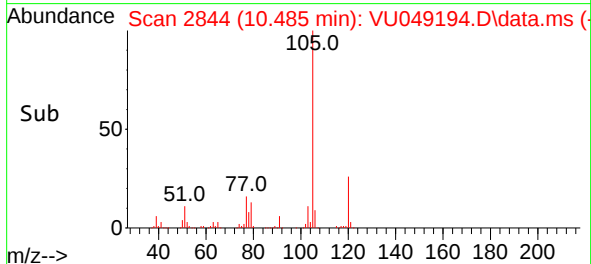
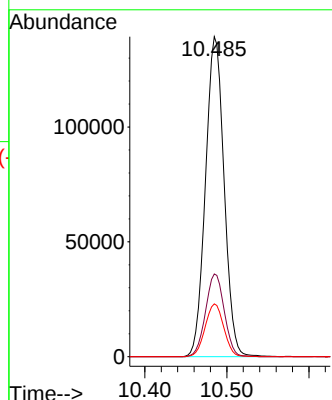
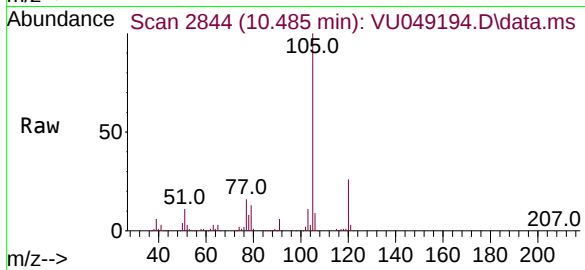
Tgt Ion:105 Resp: 219135

Ion Ratio Lower Upper

105 100

120 26.0 20.3 30.5

77 16.5 13.0 19.6



#61

1,2,3-Trichloropropane

Concen: 5.025 ug/L

RT: 10.825 min Scan# 2950

Delta R.T. 0.003 min

Lab File: VU049194.D

Acq: 16 Jun 2022 09:24

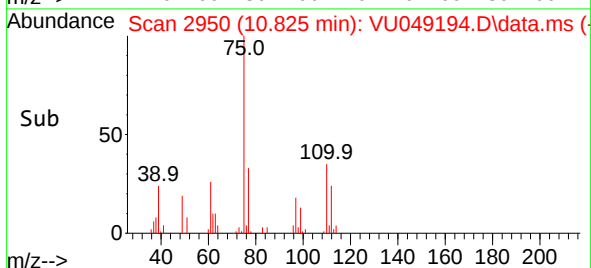
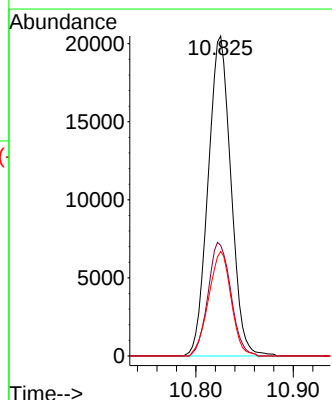
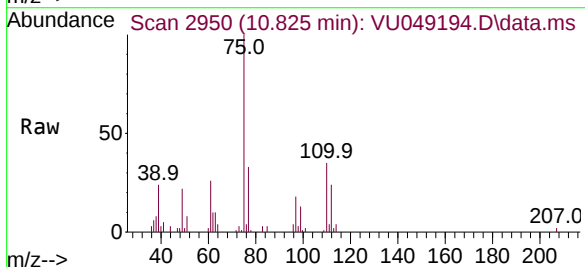
Tgt Ion: 75 Resp: 33260

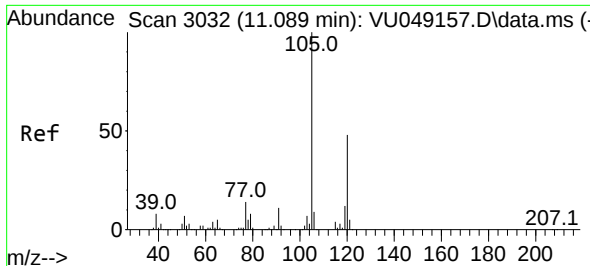
Ion Ratio Lower Upper

75 100

110 35.5 29.0 43.4

77 32.2 26.2 39.2

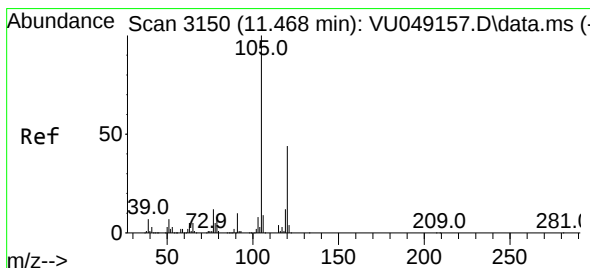
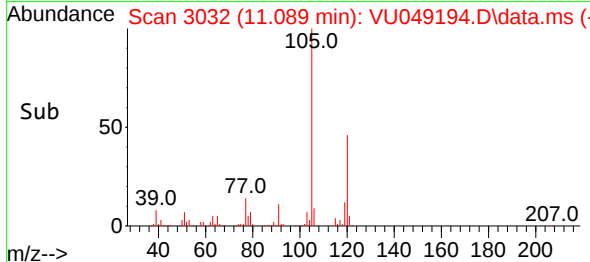
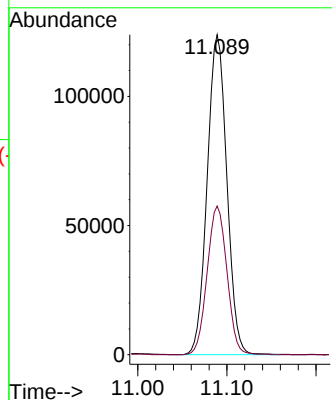
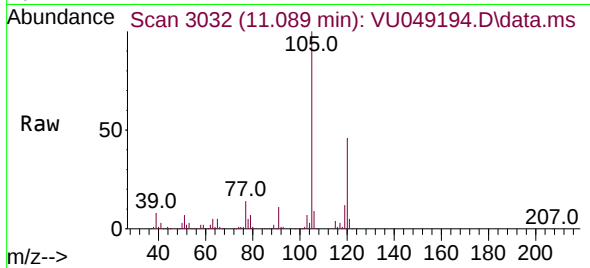




#62
 1,3,5-Trimethylbenzene
 Concen: 5.343 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. 0.000 min
 Lab File: VU049194.D
 Acq: 16 Jun 2022 09:24

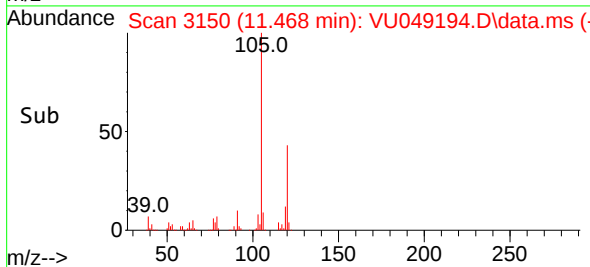
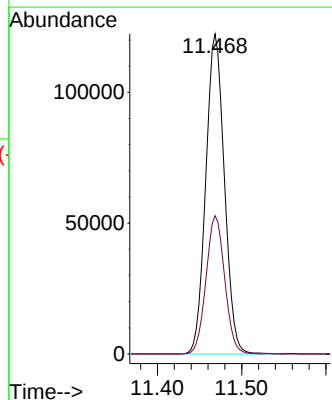
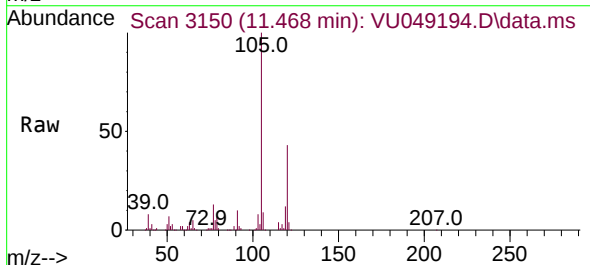
Instrument :
 MSVOA_U
 ClientSampleId :

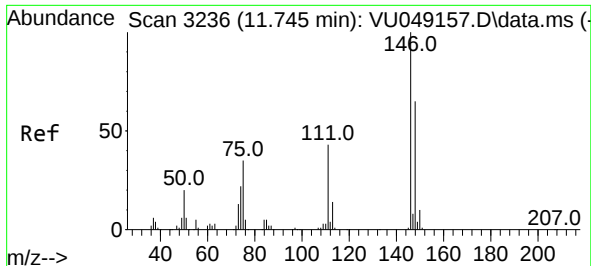
Tgt Ion:105 Resp: 189506
 Ion Ratio Lower Upper
 105 100
 120 46.8 37.8 56.6



#63
 1,2,4-Trimethylbenzene
 Concen: 5.346 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU049194.D
 Acq: 16 Jun 2022 09:24

Tgt Ion:105 Resp: 187858
 Ion Ratio Lower Upper
 105 100
 120 43.3 34.6 52.0

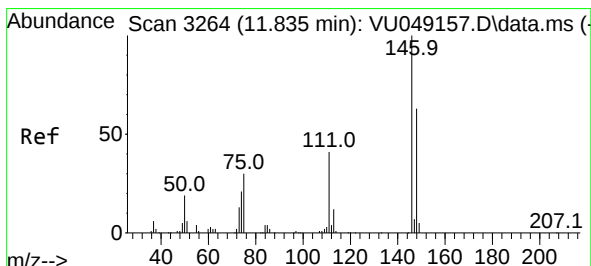
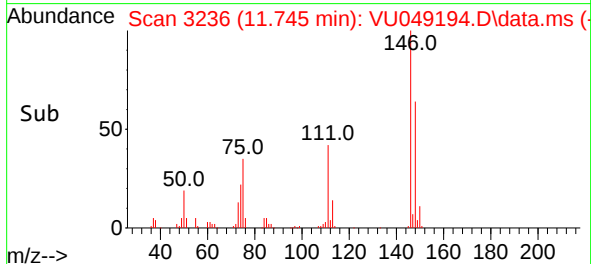
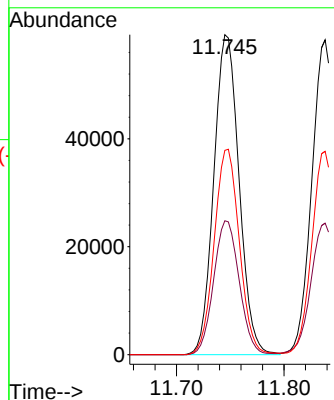
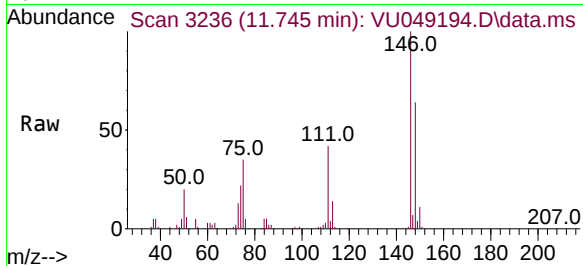




#64
1,3-Dichlorobenzene
Concen: 5.623 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU049194.D
Acq: 16 Jun 2022 09:24

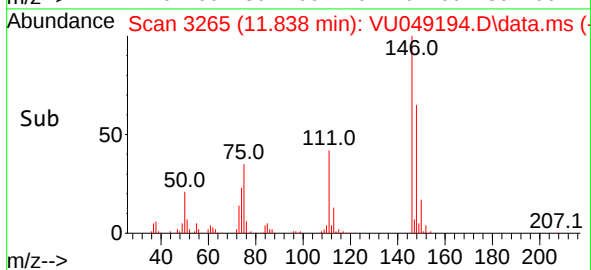
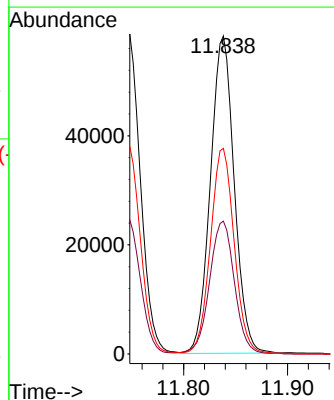
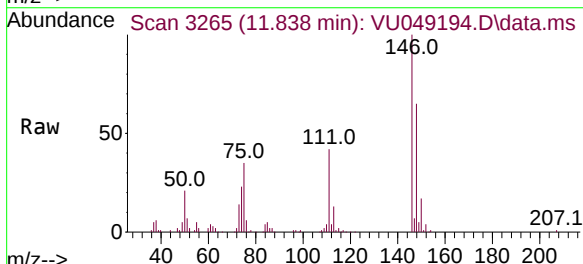
Instrument :
MSVOA_U
ClientSampleId :

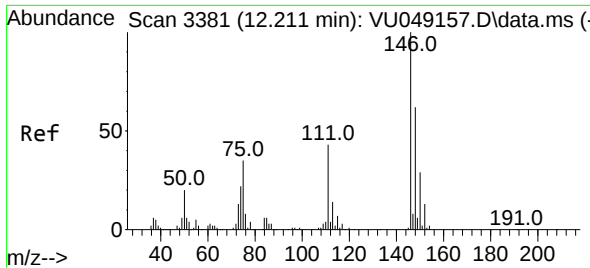
Tgt Ion:146 Resp: 96704
Ion Ratio Lower Upper
146 100
111 41.9 30.9 57.5
148 63.9 46.1 85.7



#65
1,4-Dichlorobenzene
Concen: 5.446 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU049194.D
Acq: 16 Jun 2022 09:24

Tgt Ion:146 Resp: 92577
Ion Ratio Lower Upper
146 100
111 41.8 29.8 55.4
148 64.6 44.7 83.1

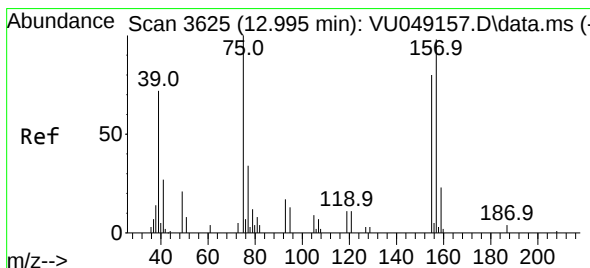
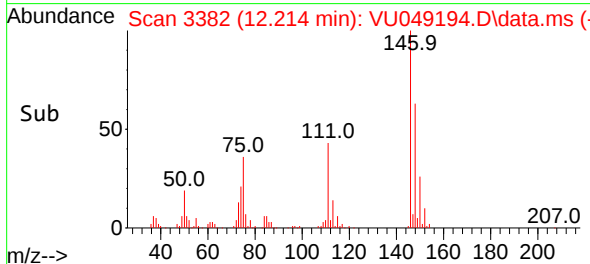
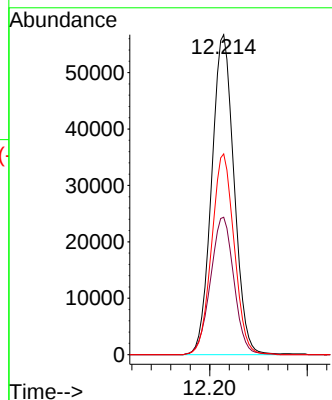
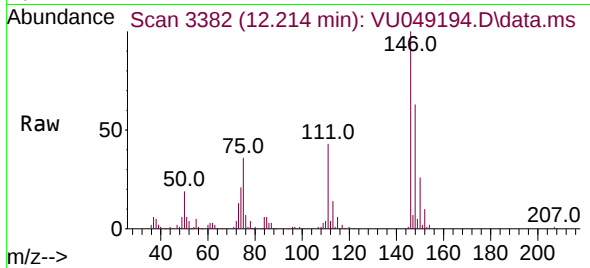




#67
1,2-Dichlorobenzene
Concen: 5.541 ug/L
RT: 12.214 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU049194.D
Acq: 16 Jun 2022 09:24

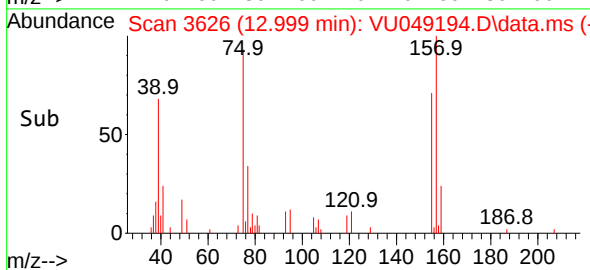
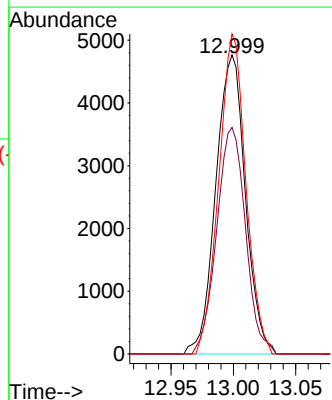
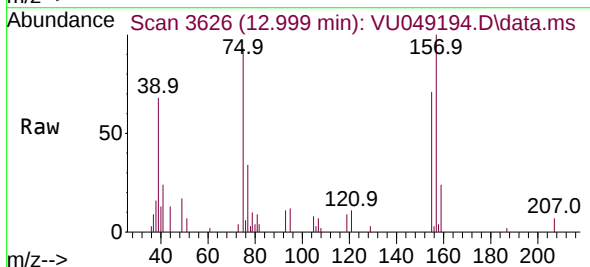
Instrument :
MSVOA_U
ClientSampleId :

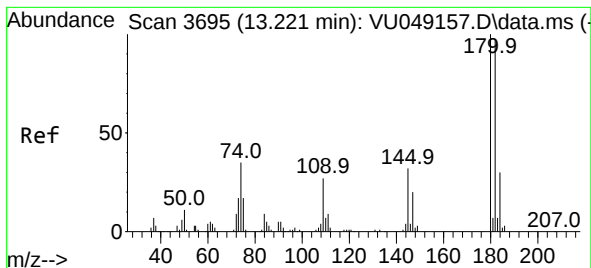
Tgt Ion:146 Resp: 90668
Ion Ratio Lower Upper
146 100
111 42.9 36.6 55.0
148 62.8 52.2 78.4



#68
1,2-Dibromo-3-chloropropane
Concen: 4.356 ug/L
RT: 12.999 min Scan# 3626
Delta R.T. 0.003 min
Lab File: VU049194.D
Acq: 16 Jun 2022 09:24

Tgt Ion: 75 Resp: 7858
Ion Ratio Lower Upper
75 100
155 75.7 52.0 78.0
157 107.0 71.4 107.2





#69

1,3,5-Trichlorobenzene

Concen: 5.762 ug/L

RT: 13.221 min Scan# 30

Delta R.T. 0.000 min

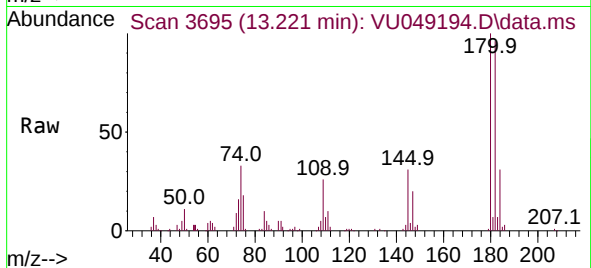
Lab File: VU049194.D

Acq: 16 Jun 2022 09:24

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 74313

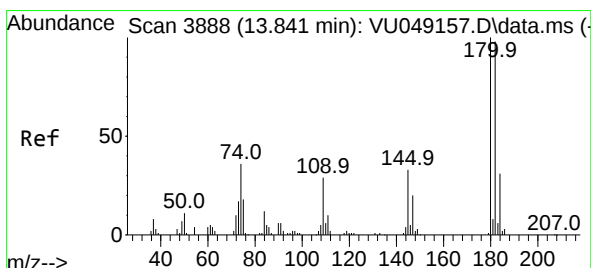
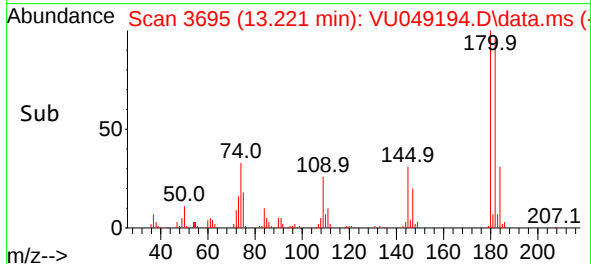
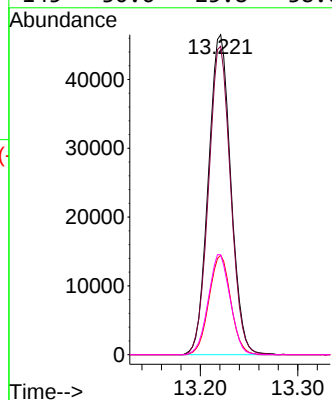
Ion Ratio Lower Upper

180 100

182 94.8 75.0 112.4

184 30.1 23.2 34.8

145 30.6 25.8 38.6



#70

1,2,4-trichlorobenzene

Concen: 5.651 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. 0.000 min

Lab File: VU049194.D

Acq: 16 Jun 2022 09:24

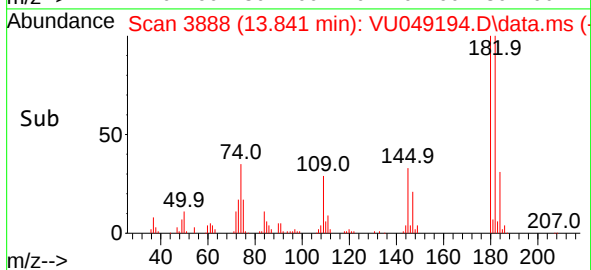
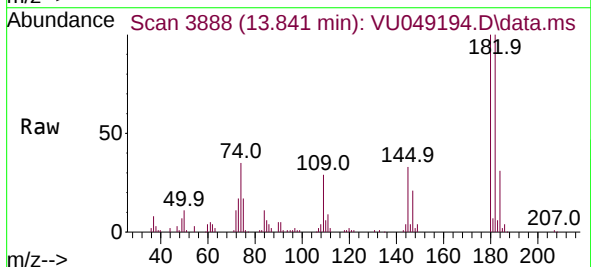
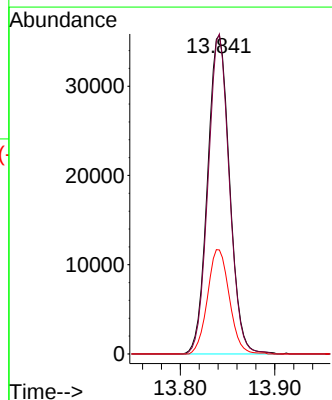
Tgt Ion:180 Resp: 57940

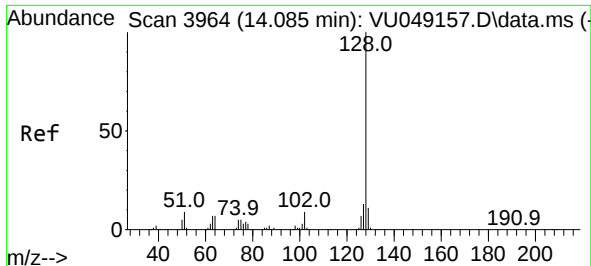
Ion Ratio Lower Upper

180 100

182 96.3 74.6 112.0

145 32.4 26.1 39.1

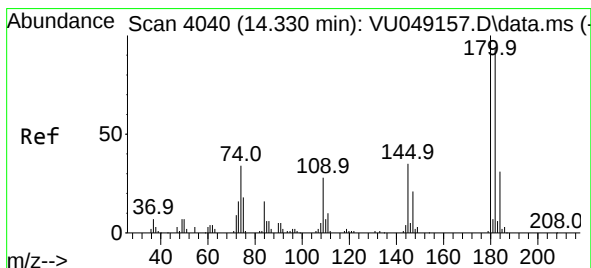
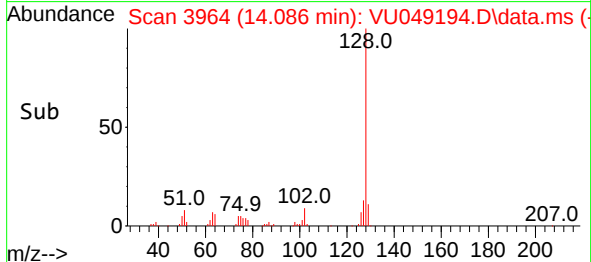
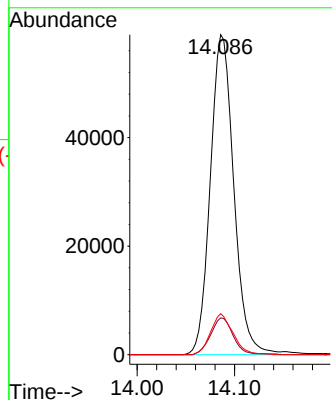
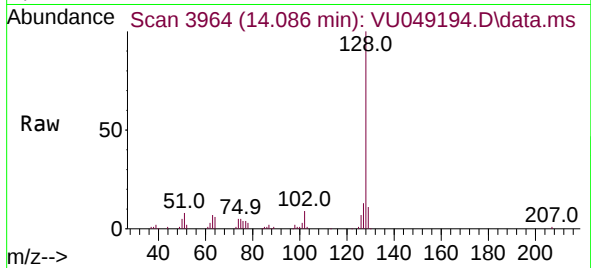




#71
Naphthalene
Concen: 4.841 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU049194.D
Acq: 16 Jun 2022 09:24

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 98625
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 12.2 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.606 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU049194.D
Acq: 16 Jun 2022 09:24

Tgt Ion:180 Resp: 54043
Ion Ratio Lower Upper
180 100
182 95.5 75.6 113.4
145 32.1 27.9 41.9

