

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U041222\
 Data File : U047988.D
 Acq On : 13 Apr 2022 03:52
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 13 04:54:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 13 04:40:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	374428	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	383592	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	228995	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	134704	49.611	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.220%
7) Chloroethane-d5	1.916	69	111824	52.231	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.460%
11) 1,1-Dichloroethene-d2	2.572	63	228300	45.957	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.920%
21) 2-Butanone-d5	4.620	46	207689	89.117	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.120%
24) Chloroform-d	5.067	84	242631	48.837	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.680%
26) 1,2-Dichloroethane-d4	5.703	65	147889	48.535	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.080%
32) Benzene-d6	5.729	84	481781	49.914	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.820%
36) 1,2-Dichloropropane-d6	6.694	67	152584	51.474	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.940%
41) Toluene-d8	7.899	98	459529	48.865	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.720%
43) trans-1,3-Dichloroprop...	8.179	79	67577	44.998	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.000%
47) 2-Hexanone-d5	8.632	63	161399	93.009	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.010%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	244000	47.963	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.920%
66) 1,2-Dichlorobenzene-d4	12.195	152	192884	47.345	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	156210	45.000	ug/L	98
3) Chloromethane	1.527	50	164107	49.434	ug/L	100
5) Vinyl chloride	1.607	62	168851	49.871	ug/L	98
6) Bromomethane	1.858	94	93799	51.472	ug/L	98
8) Chloroethane	1.935	64	102968	48.446	ug/L	97
9) Trichlorofluoromethane	2.141	101	216945	45.439	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	128119	46.424	ug/L	97
12) 1,1-Dichloroethene	2.584	96	122870	47.839	ug/L	85
13) Acetone	2.623	43	141987	65.469	ug/L	97
14) Carbon disulfide	2.797	76	336491	41.447	ug/L	100
15) Methyl Acetate	2.948	43	164072	47.443	ug/L	97
16) Methylene chloride	3.047	84	148701	50.453	ug/L	97
17) trans-1,2-Dichloroethene	3.356	96	132602	47.866	ug/L	98
18) Methyl tert-butyl Ether	3.366	73	415157	53.119	ug/L	99
19) 1,1-Dichloroethane	3.870	63	249843	52.293	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	153270	50.466	ug/L	97
22) 2-Butanone	4.700	43	232153	83.097	ug/L	95
23) Bromochloromethane	4.977	128	85894	51.511	ug/L	97
25) Chloroform	5.089	83	263675	51.260	ug/L	99

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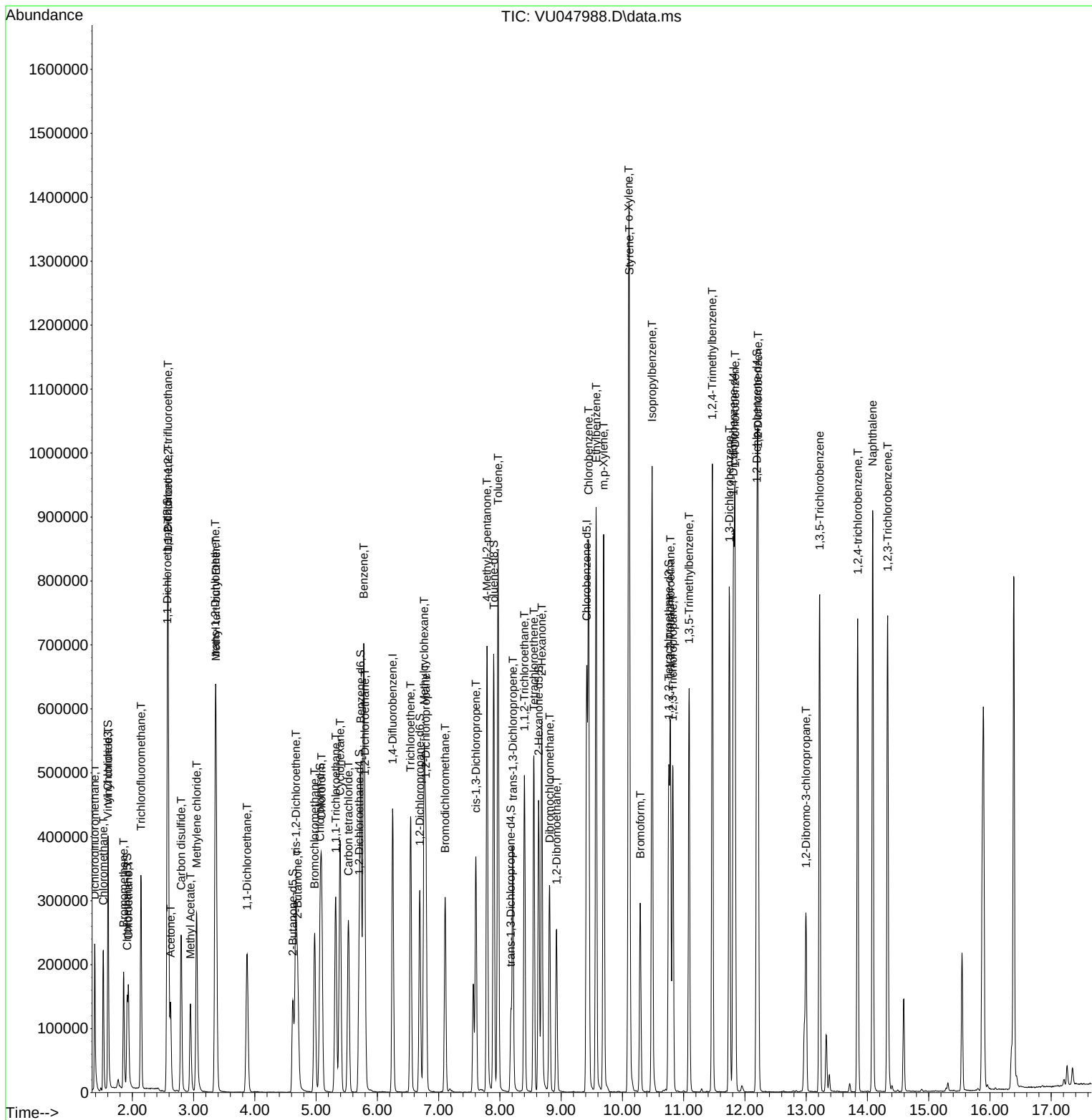
Instrument :
 MSVOA_U
 ClientSampleId :

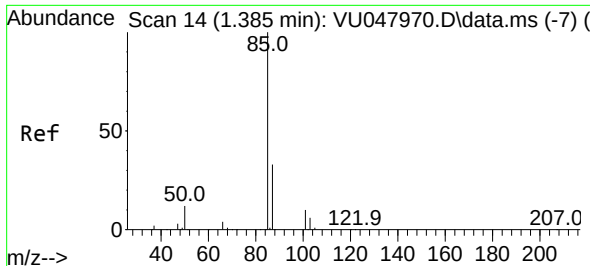
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 13 04:40:51 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	198734	50.007	ug/L	98
29) Cyclohexane	5.391	56	194145	49.878	ug/L	97
30) 1,1,1-Trichloroethane	5.321	97	219591	50.486	ug/L	100
31) Carbon tetrachloride	5.526	117	187208	47.664	ug/L	100
33) Benzene	5.777	78	602037	54.222	ug/L	100
34) Trichloroethene	6.542	95	145615	50.024	ug/L	99
35) Methylcyclohexane	6.764	83	209903	47.399	ug/L	99
37) 1,2-Dichloropropane	6.793	63	152918	54.176	ug/L	100
38) Bromodichloromethane	7.105	83	199739	51.532	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	218331	49.852	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	437518	98.074	ug/L	98
42) Toluene	7.970	91	631899	51.868	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	212727	48.647	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	155962	52.099	ug/L	98
46) Tetrachloroethene	8.555	164	124399	47.556	ug/L	99
48) 2-Hexanone	8.684	43	353088	92.013	ug/L	98
49) Dibromochloromethane	8.812	129	170944	49.303	ug/L	98
50) 1,2-Dibromoethane	8.925	107	169802	50.596	ug/L	99
51) Chlorobenzene	9.446	112	472162	57.079	ug/L	99
52) Ethylbenzene	9.571	91	653167	50.990	ug/L	100
53) m,p-Xylene	9.693	106	259008	51.530	ug/L	99
54) o-Xylene	10.102	106	254776	51.646	ug/L	98
55) Styrene	10.115	104	436687	51.848	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	276921	49.344	ug/L	99
59) Bromoform	10.291	173	138570	47.322	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	216234	50.090	ug/L	99
61) Isopropylbenzene	10.484	105	644240	52.055	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	342055	50.940	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	528319	51.797	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	342286	49.759	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	369751	51.894	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	356133	51.741	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	78572	56.820	ug/L	98
69) 1,3,5-Trichlorobenzene	13.221	180	261704	46.845	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	245210	50.111	ug/L	99
71) Naphthalene	14.086	128	738946	50.651	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	247999	50.556	ug/L	99

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

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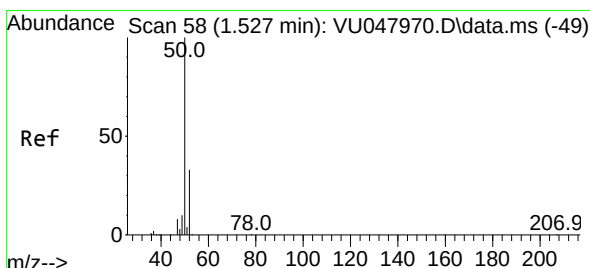
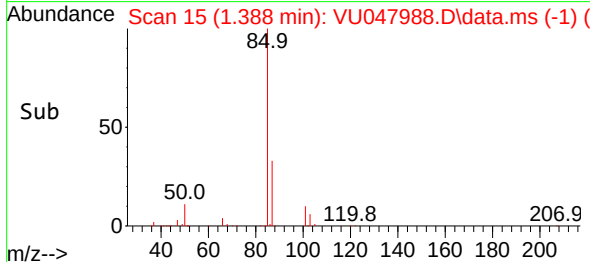
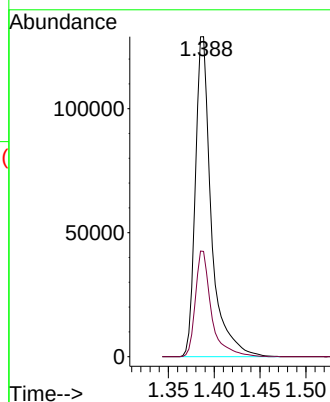
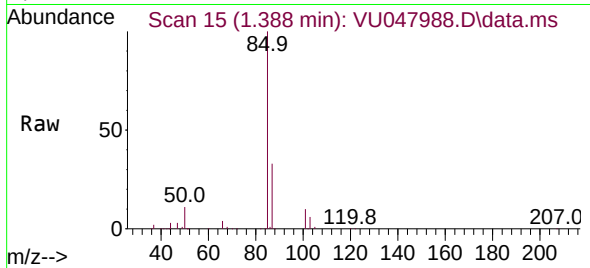




#2
Dichlorodifluoromethane
Concen: 45.000 ug/L
RT: 1.388 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU047988.D
Acq: 13 Apr 2022 03:52

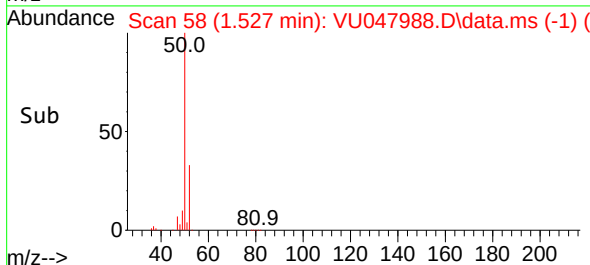
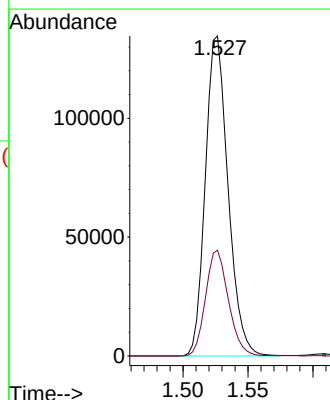
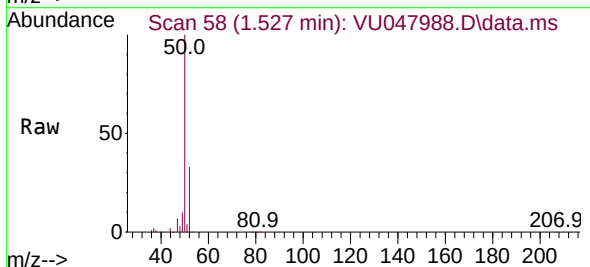
Instrument :
MSVOA_U
ClientSampleId :

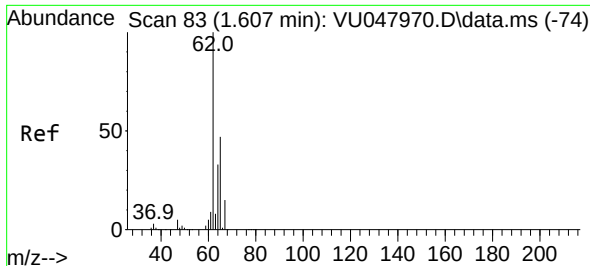
Tgt Ion: 85 Resp: 156210
Ion Ratio Lower Upper
85 100
87 33.1 25.8 38.8



#3
Chloromethane
Concen: 49.434 ug/L
RT: 1.527 min Scan# 58
Delta R.T. -0.000 min
Lab File: VU047988.D
Acq: 13 Apr 2022 03:52

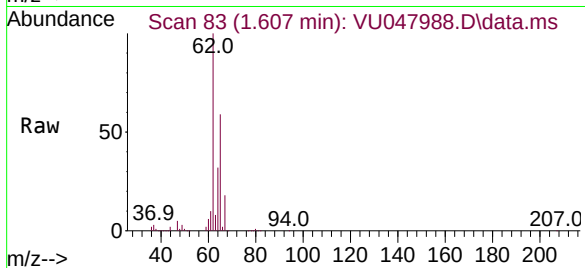
Tgt Ion: 50 Resp: 164107
Ion Ratio Lower Upper
50 100
52 33.0 23.2 43.2



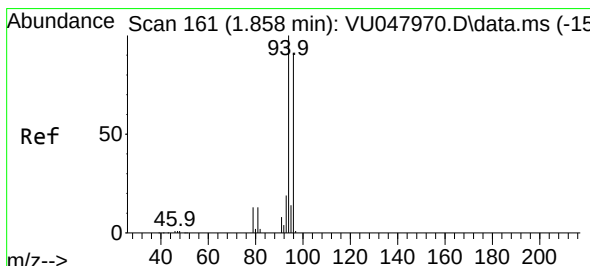
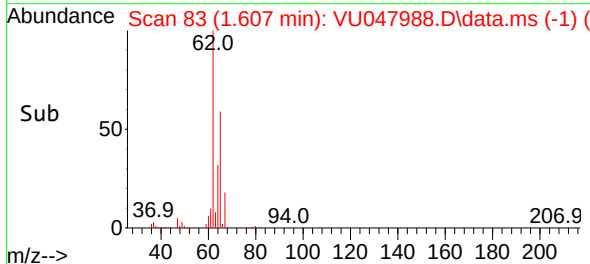
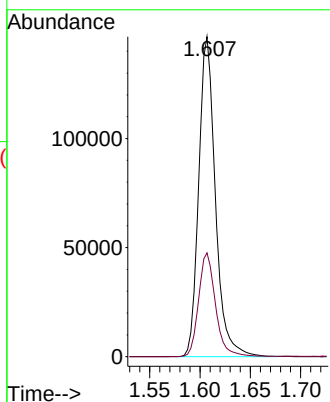


#5
 Vinyl chloride
 Concen: 49.871 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU047988.D
 Acq: 13 Apr 2022 03:52

Instrument :
 MSVOA_U
 ClientSampleId :

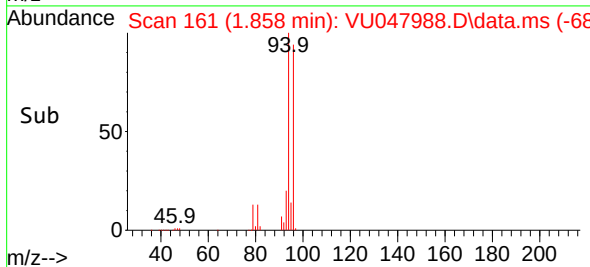
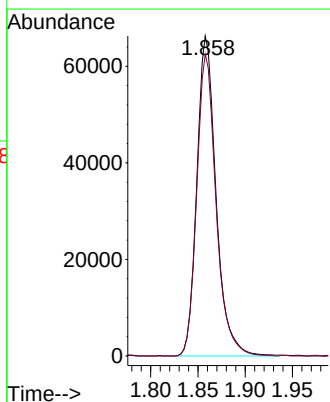
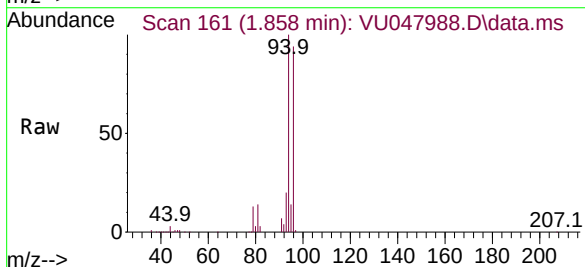


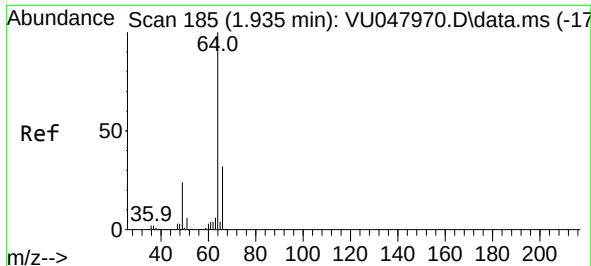
Tgt Ion: 62 Resp: 168851
 Ion Ratio Lower Upper
 62 100
 64 32.5 23.7 43.9



#6
 Bromomethane
 Concen: 51.472 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. -0.000 min
 Lab File: VU047988.D
 Acq: 13 Apr 2022 03:52

Tgt Ion: 94 Resp: 93799
 Ion Ratio Lower Upper
 94 100
 96 94.3 64.8 120.3

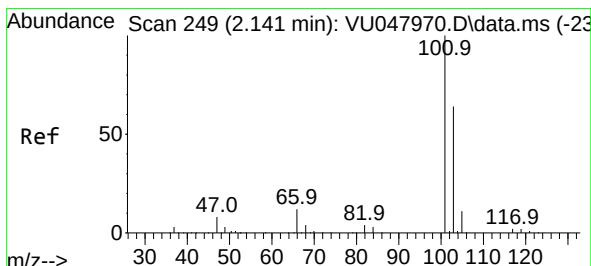
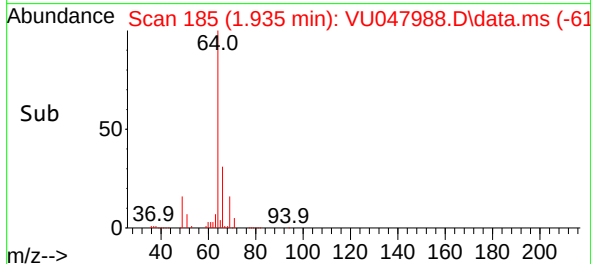
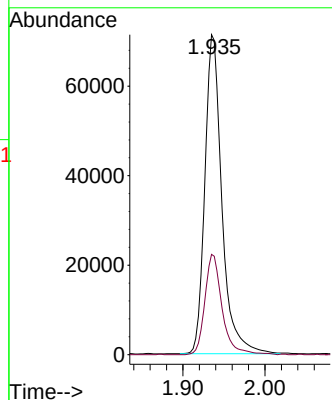
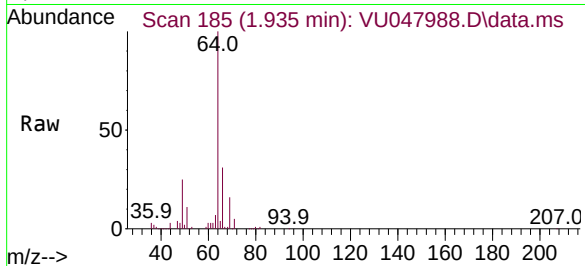




#8
Chloroethane
Concen: 48.446 ug/L
RT: 1.935 min Scan# 185
Delta R.T. -0.000 min
Lab File: VU047988.D
Acq: 13 Apr 2022 03:52

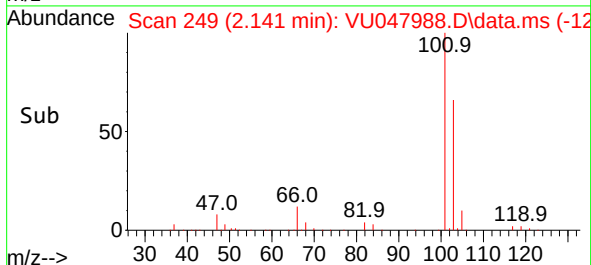
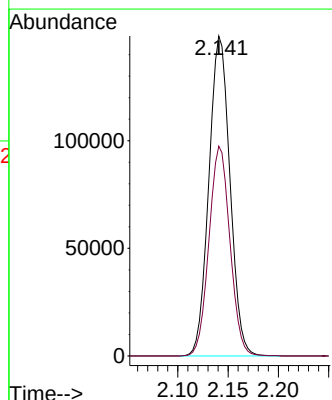
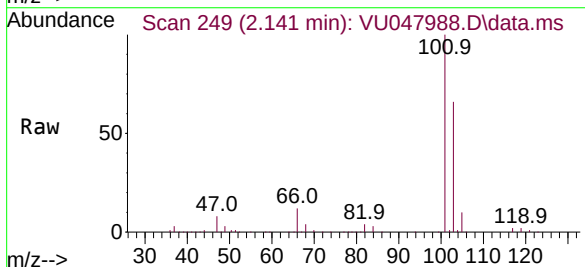
Instrument :
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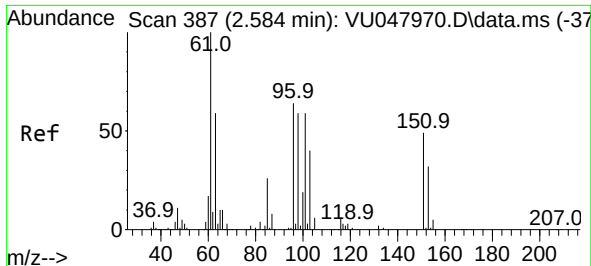
Tgt Ion: 64 Resp: 102968
Ion Ratio Lower Upper
64 100
66 31.4 23.3 43.3



#9
Trichlorofluoromethane
Concen: 45.439 ug/L
RT: 2.141 min Scan# 249
Delta R.T. -0.000 min
Lab File: VU047988.D
Acq: 13 Apr 2022 03:52

Tgt Ion: 101 Resp: 216945
Ion Ratio Lower Upper
101 100
103 65.3 51.4 77.2

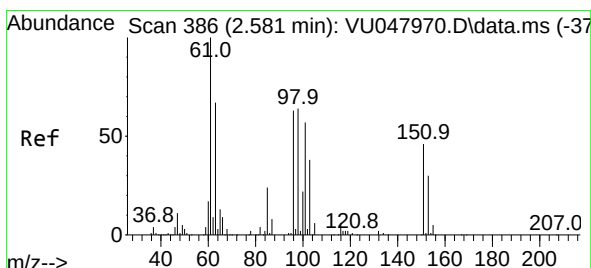
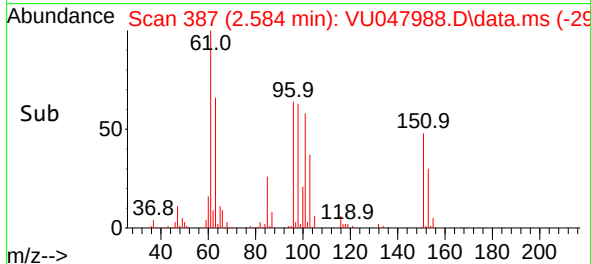
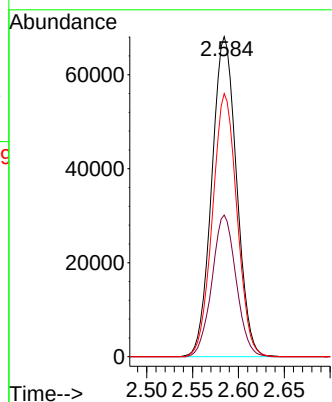
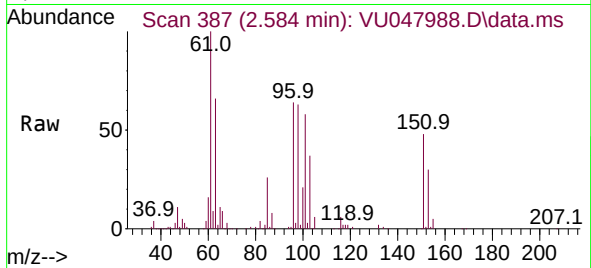




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 46.424 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.000 min
 Lab File: VU047988.D
 Acq: 13 Apr 2022 03:52

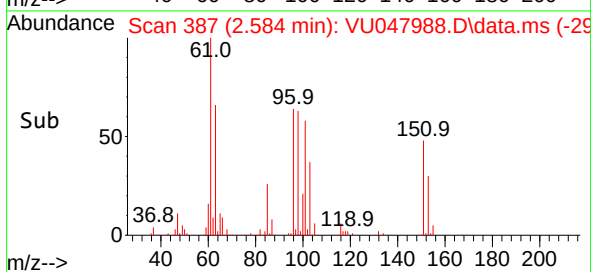
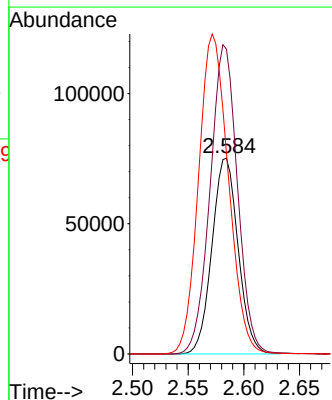
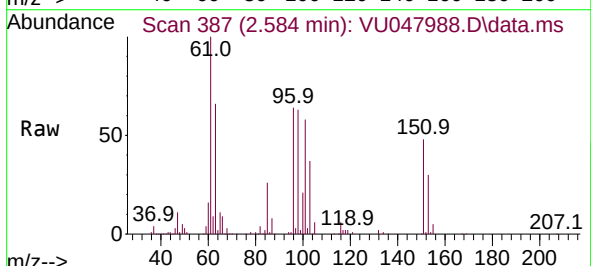
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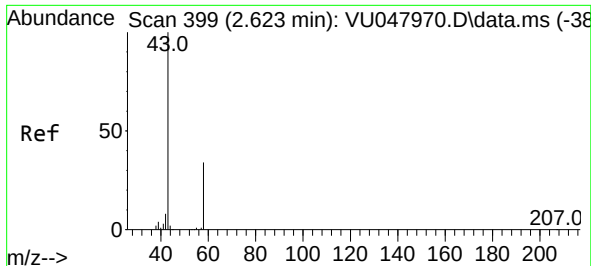
Tgt Ion:101 Resp: 128119
 Ion Ratio Lower Upper
 101 100
 85 43.1 32.8 49.2
 151 81.1 63.0 94.6



#12
 1,1-Dichloroethene
 Concen: 47.839 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. 0.003 min
 Lab File: VU047988.D
 Acq: 13 Apr 2022 03:52

Tgt Ion: 96 Resp: 122870
 Ion Ratio Lower Upper
 96 100
 61 155.6 113.1 210.1
 63 102.6 94.8 176.0





#13

Acetone

Concen: 65.469 ug/L

RT: 2.623 min Scan# 399

Delta R.T. -0.000 min

Lab File: VU047988.D

Acq: 13 Apr 2022 03:52

Instrument :

MSVOA_U

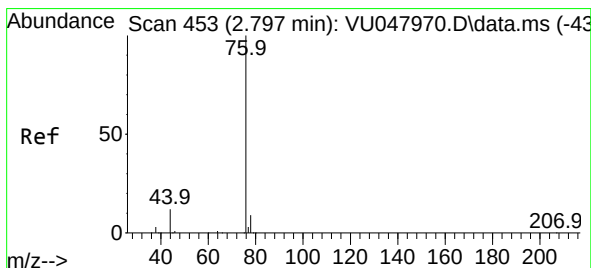
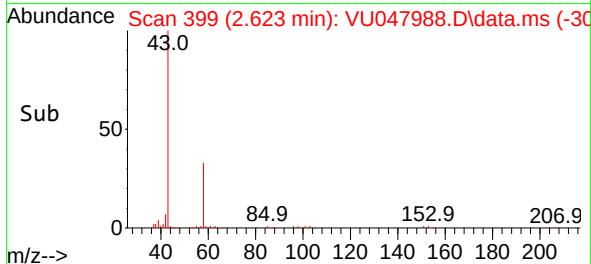
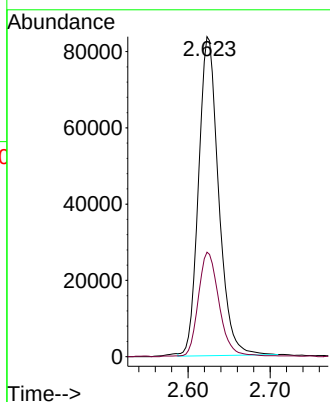
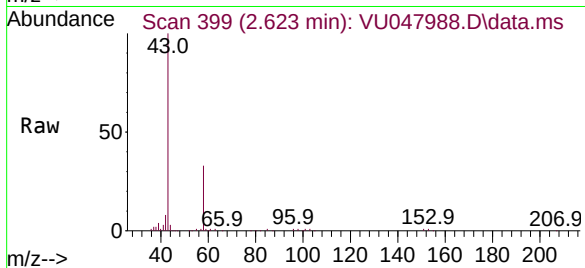
ClientSampleId :

Tgt Ion: 43 Resp: 141987

Ion Ratio Lower Upper

43 100

58 33.5 0.0 70.0



#14

Carbon disulfide

Concen: 41.447 ug/L

RT: 2.797 min Scan# 453

Delta R.T. -0.000 min

Lab File: VU047988.D

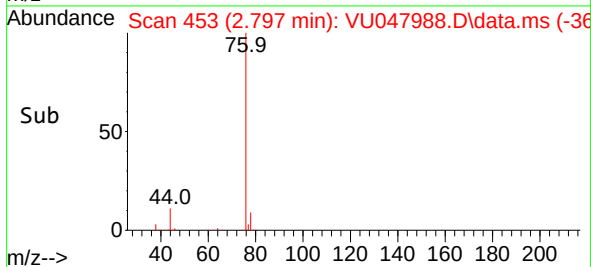
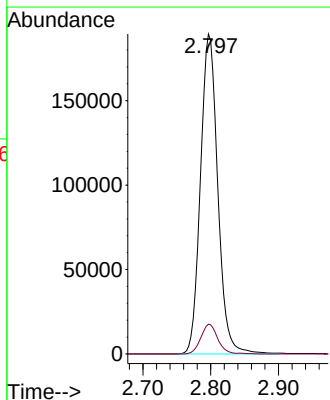
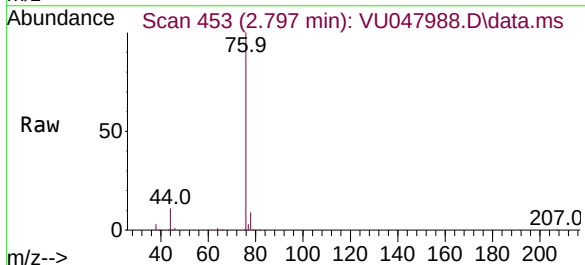
Acq: 13 Apr 2022 03:52

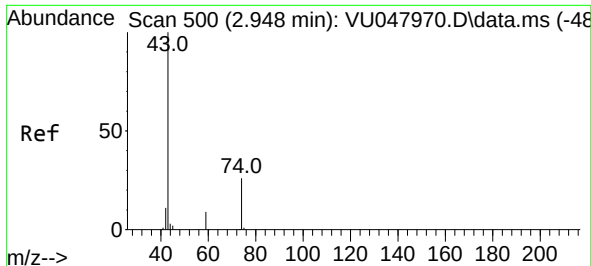
Tgt Ion: 76 Resp: 336491

Ion Ratio Lower Upper

76 100

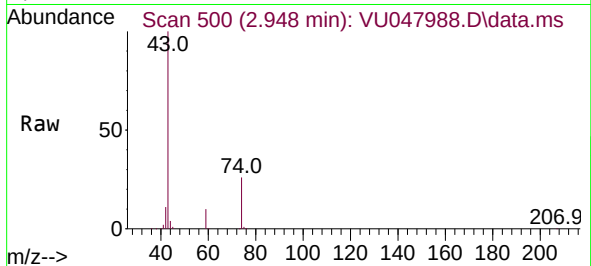
78 9.3 7.4 11.0



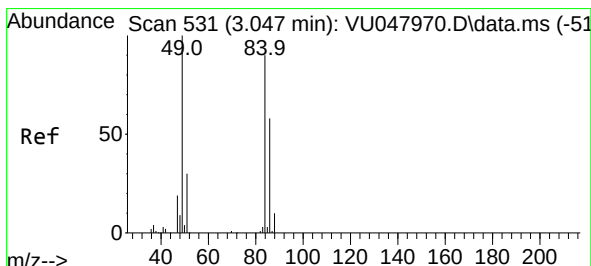
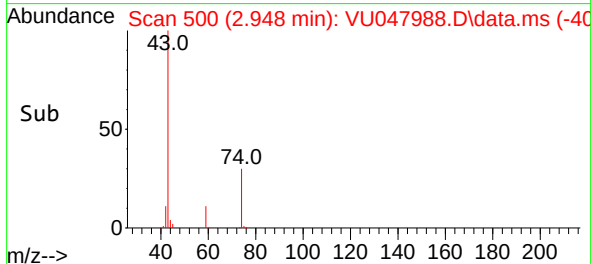
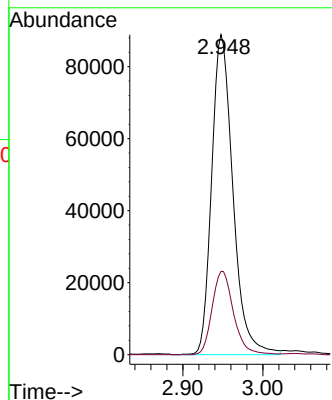


#15
Methyl Acetate
Concen: 47.443 ug/L
RT: 2.948 min Scan# 500
Delta R.T. -0.000 min
Lab File: VU047988.D
Acq: 13 Apr 2022 03:52

Instrument :
MSVOA_U
ClientSampleId :

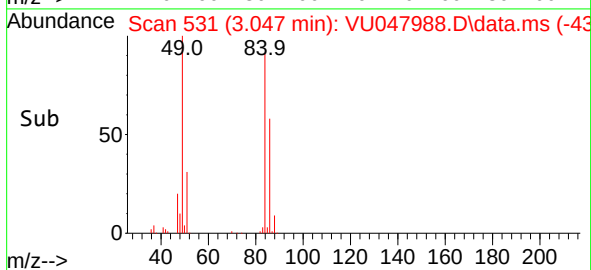
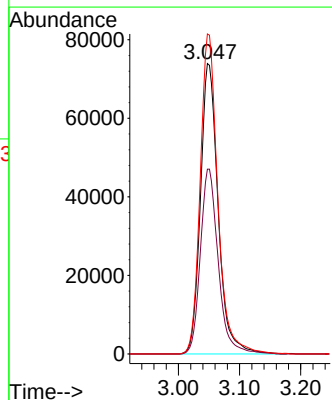
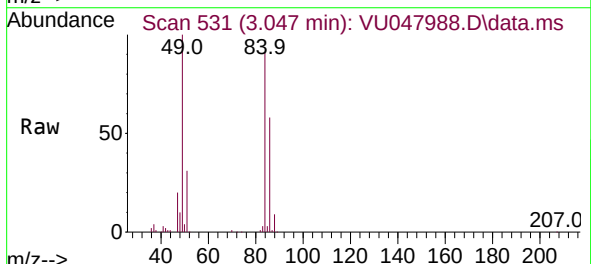


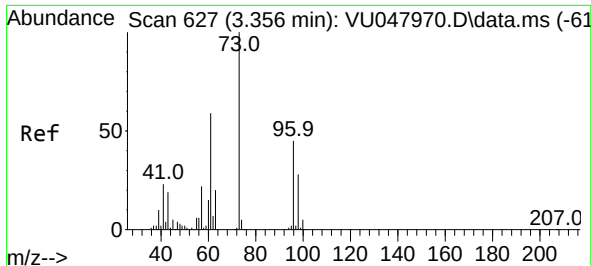
Tgt Ion: 43 Resp: 164072
Ion Ratio Lower Upper
43 100
74 26.2 22.2 33.2



#16
Methylene chloride
Concen: 50.453 ug/L
RT: 3.047 min Scan# 531
Delta R.T. -0.000 min
Lab File: VU047988.D
Acq: 13 Apr 2022 03:52

Tgt Ion: 84 Resp: 148701
Ion Ratio Lower Upper
84 100
86 63.6 46.0 85.4
49 110.2 75.3 139.8





#17

trans-1,2-Dichloroethene

Concen: 47.866 ug/L

RT: 3.356 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU047988.D

Acq: 13 Apr 2022 03:52

Instrument :

MSVOA_U

ClientSampleId :

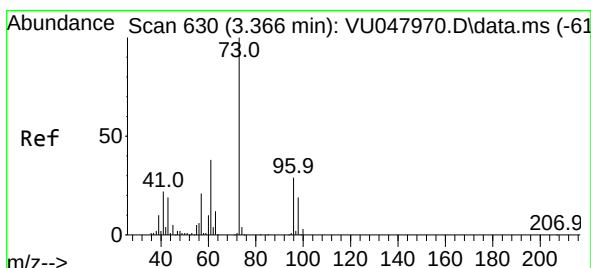
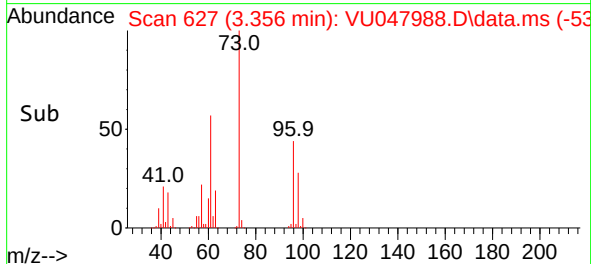
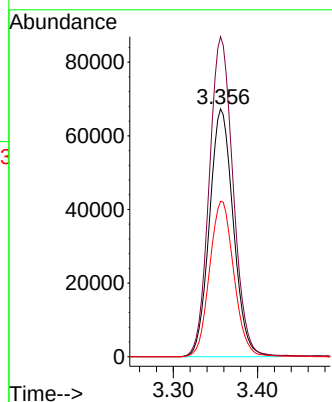
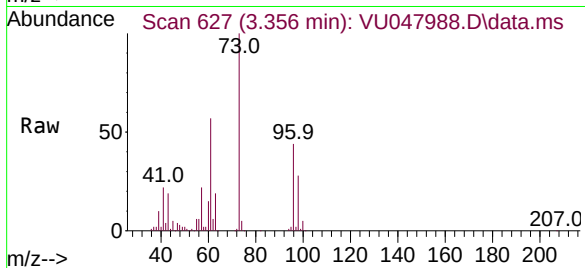
Tgt Ion: 96 Resp: 132602

Ion Ratio Lower Upper

96 100

61 129.1 88.4 164.2

98 62.7 43.3 80.5



#18

Methyl tert-butyl Ether

Concen: 53.119 ug/L

RT: 3.366 min Scan# 630

Delta R.T. -0.000 min

Lab File: VU047988.D

Acq: 13 Apr 2022 03:52

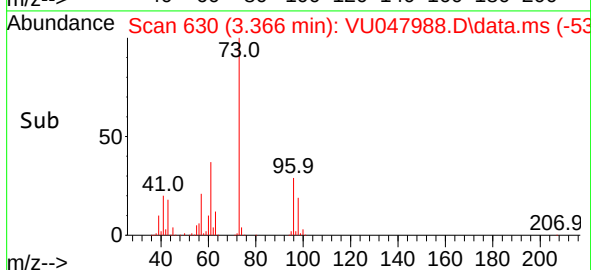
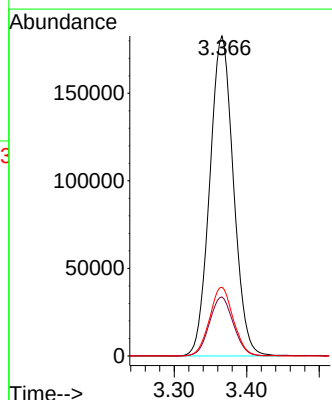
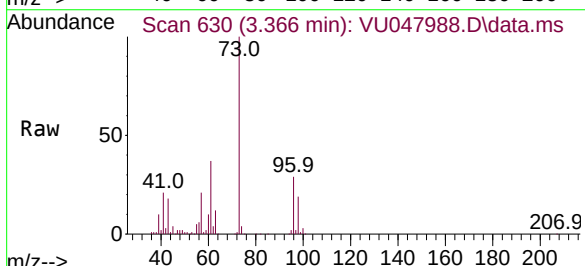
Tgt Ion: 73 Resp: 415157

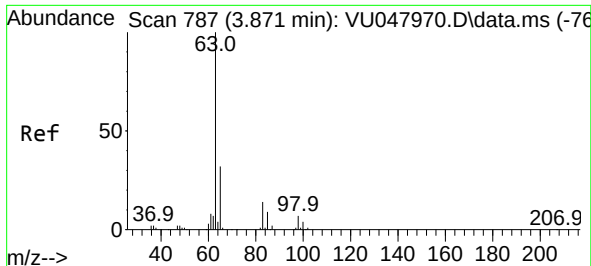
Ion Ratio Lower Upper

73 100

43 18.7 15.3 22.9

57 21.5 17.0 25.6





#19

1,1-Dichloroethane

Concen: 52.293 ug/L

RT: 3.870 min Scan# 71

Delta R.T. -0.000 min MSVOA_U

Lab File: VU047988.D

Acq: 13 Apr 2022 03:52

Instrument :

MSVOA_U

ClientSampleId :

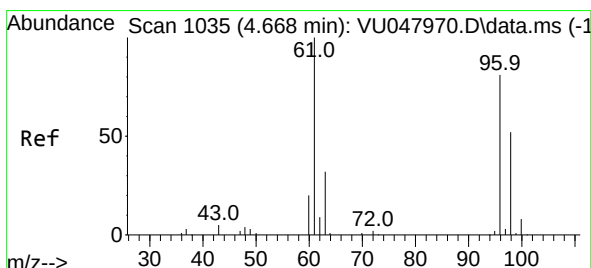
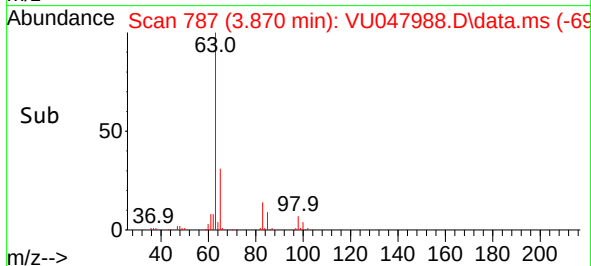
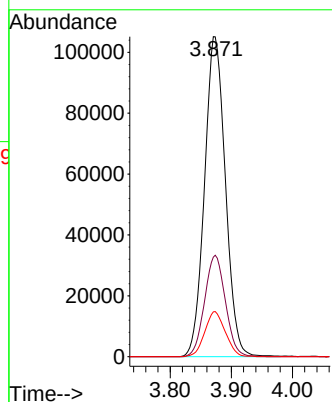
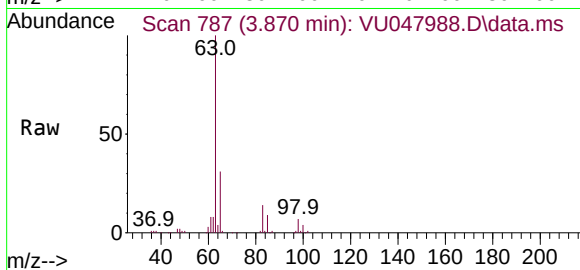
Tgt Ion: 63 Resp: 249843

Ion Ratio Lower Upper

63 100

65 31.1 22.0 41.0

83 14.0 9.7 18.1



#20

cis-1,2-Dichloroethene

Concen: 50.466 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VU047988.D

Acq: 13 Apr 2022 03:52

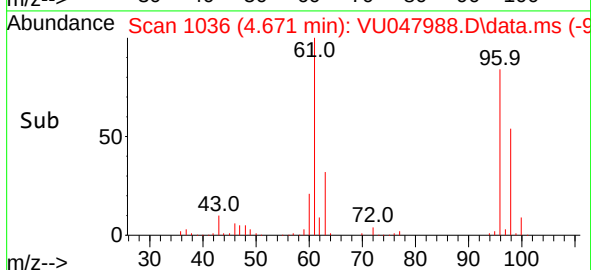
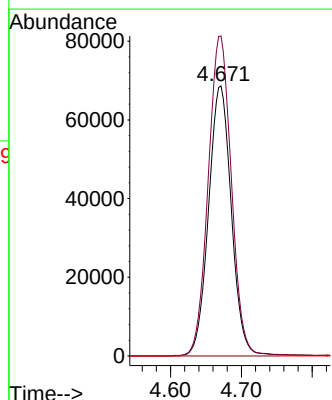
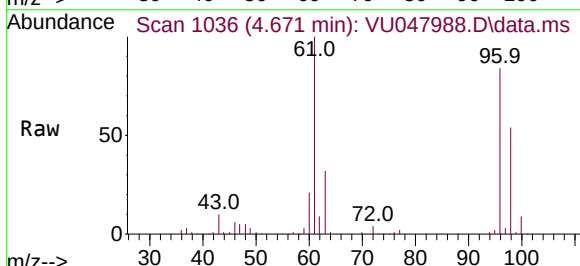
Tgt Ion: 96 Resp: 153270

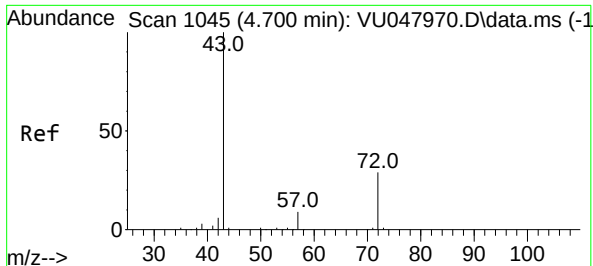
Ion Ratio Lower Upper

96 100

61 118.5 80.7 149.9

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 83.097 ug/L

RT: 4.700 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VU047988.D

Acq: 13 Apr 2022 03:52

Instrument :

MSVOA_U

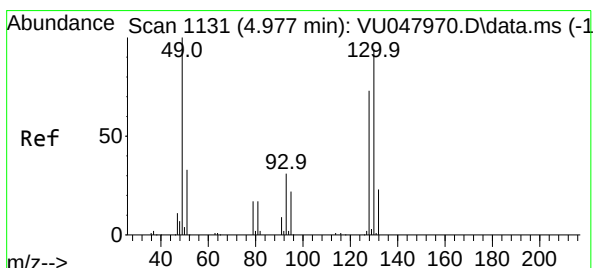
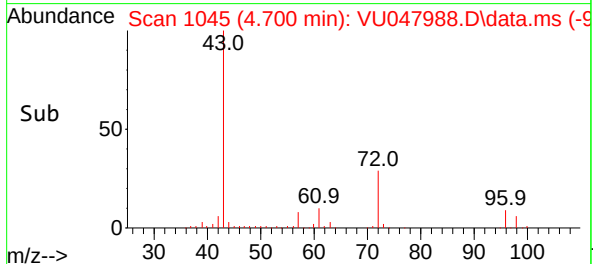
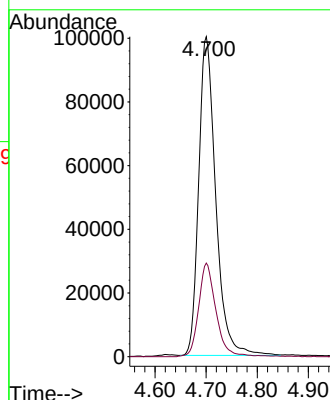
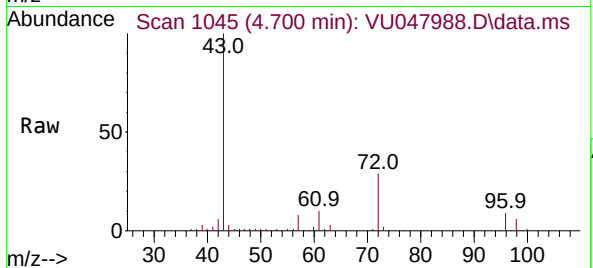
ClientSampleId :

Tgt Ion: 43 Resp: 232153

Ion Ratio Lower Upper

43 100

72 29.2 16.0 47.9



#23

Bromochloromethane

Concen: 51.511 ug/L

RT: 4.977 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VU047988.D

Acq: 13 Apr 2022 03:52

Tgt Ion:128 Resp: 85894

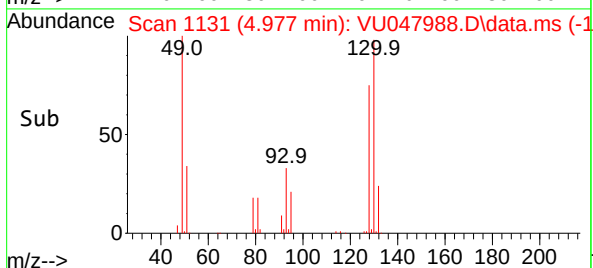
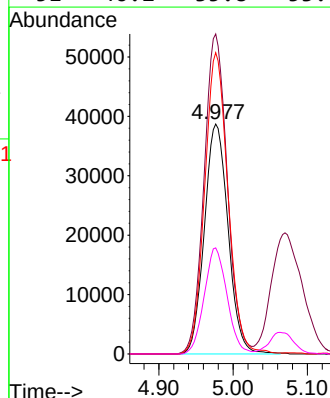
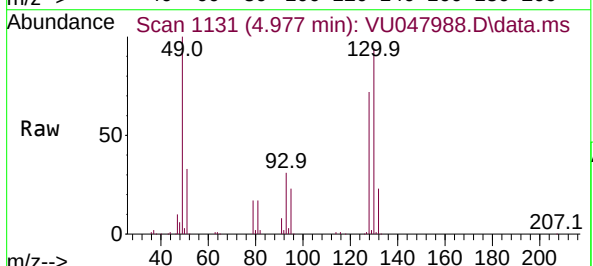
Ion Ratio Lower Upper

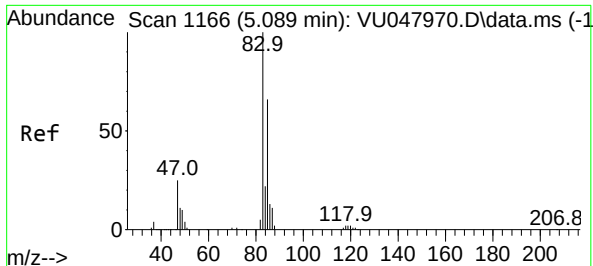
128 100

49 139.2 94.1 174.8

130 131.0 90.2 167.4

51 46.2 35.8 53.6





#25

Chloroform

Concen: 51.260 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. -0.000 min

Lab File: VU047988.D

Acq: 13 Apr 2022 03:52

Instrument :

MSVOA_U

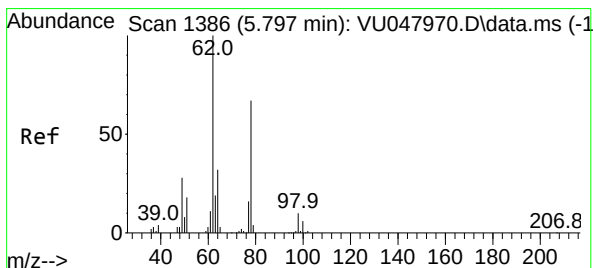
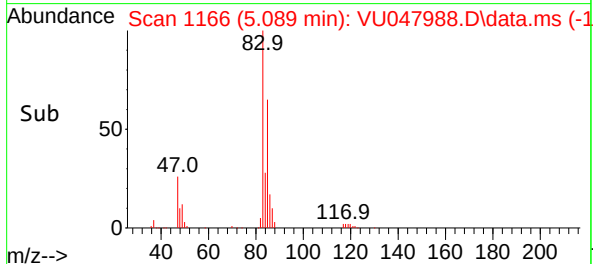
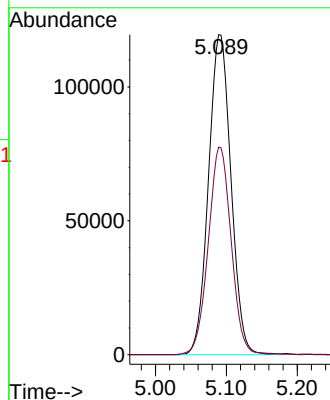
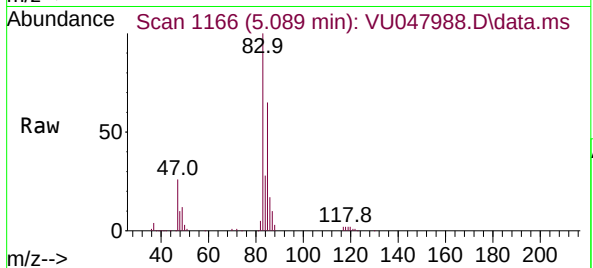
ClientSampleId :

Tgt Ion: 83 Resp: 263675

Ion Ratio Lower Upper

83 100

85 64.8 46.2 85.8



#27

1,2-Dichloroethane

Concen: 50.007 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VU047988.D

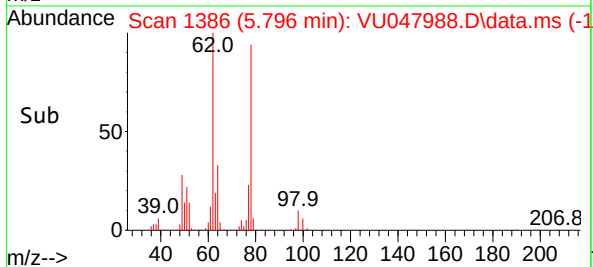
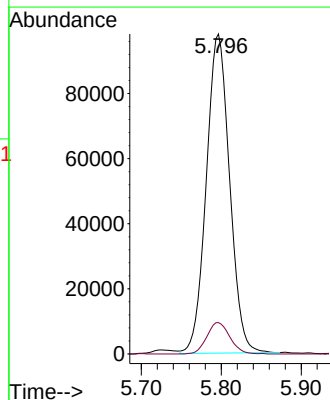
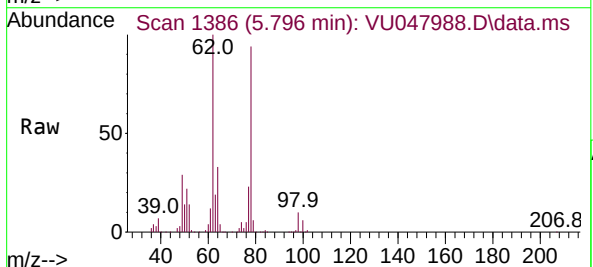
Acq: 13 Apr 2022 03:52

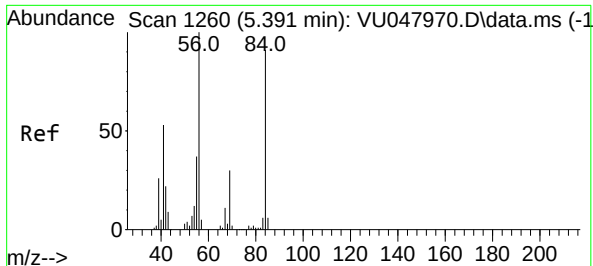
Tgt Ion: 62 Resp: 198734

Ion Ratio Lower Upper

62 100

98 9.8 7.4 11.0





#29

Cyclohexane

Concen: 49.878 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. -0.000 min

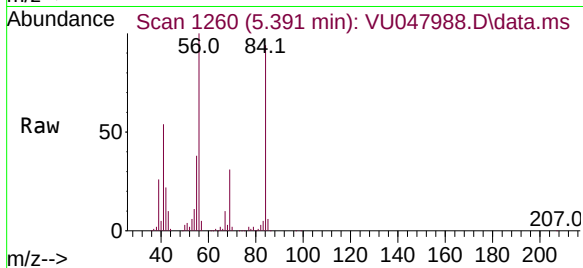
Lab File: VU047988.D

Acq: 13 Apr 2022 03:52

Instrument :

MSVOA_U

ClientSampleId :



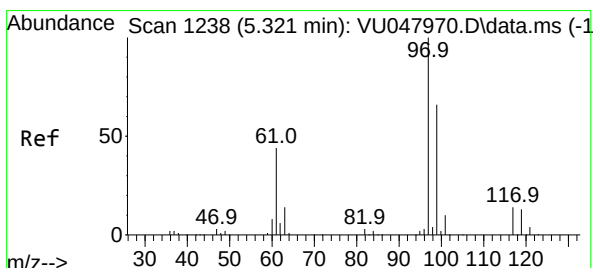
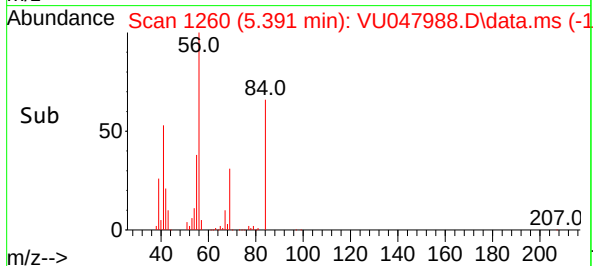
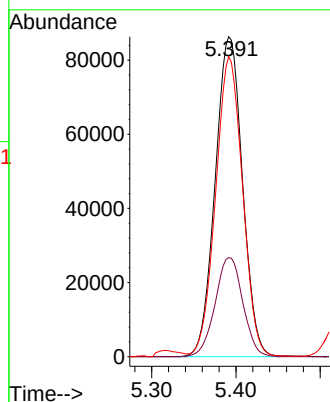
Tgt Ion: 56 Resp: 194145

Ion Ratio Lower Upper

56 100

69 31.4 25.4 38.2

84 92.2 77.0 115.6



#30

1,1,1-Trichloroethane

Concen: 50.486 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VU047988.D

Acq: 13 Apr 2022 03:52

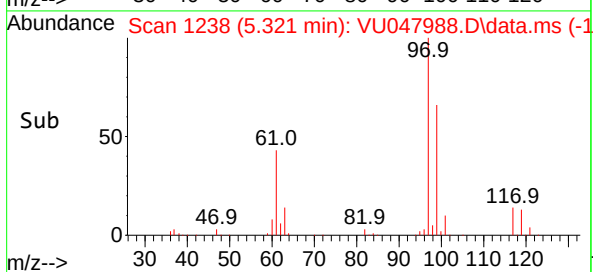
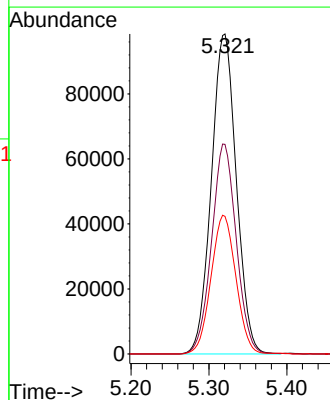
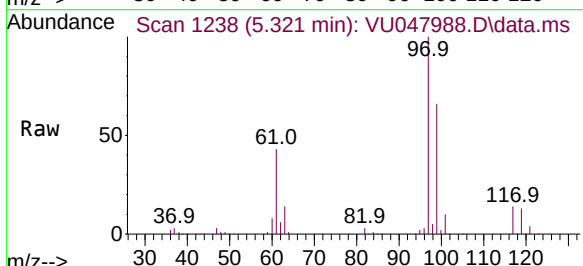
Tgt Ion: 97 Resp: 219591

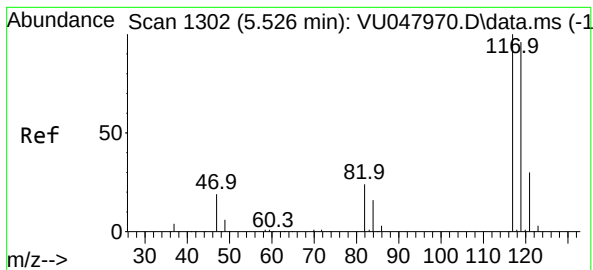
Ion Ratio Lower Upper

97 100

99 64.8 51.6 77.4

61 43.2 34.2 51.4

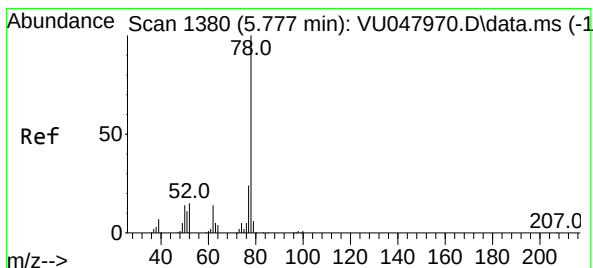
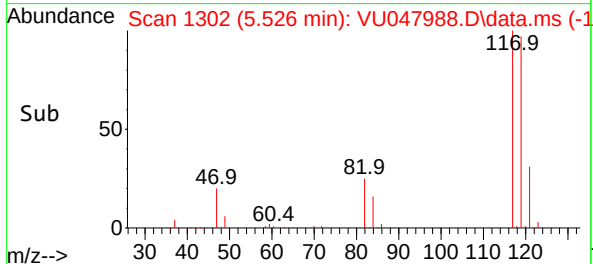
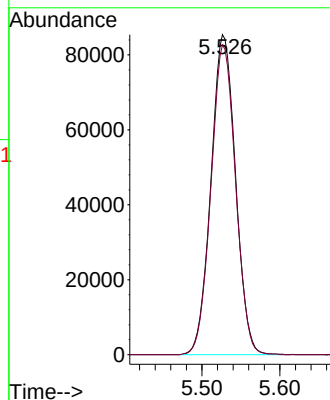
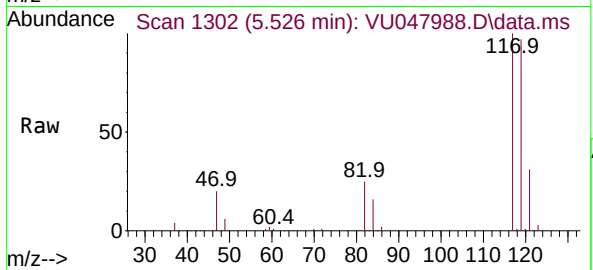




#31
Carbon tetrachloride
Concen: 47.664 ug/L
RT: 5.526 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU047988.D
Acq: 13 Apr 2022 03:52

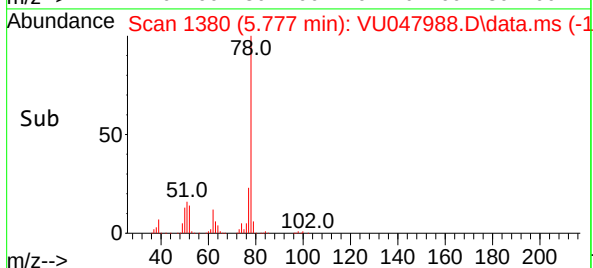
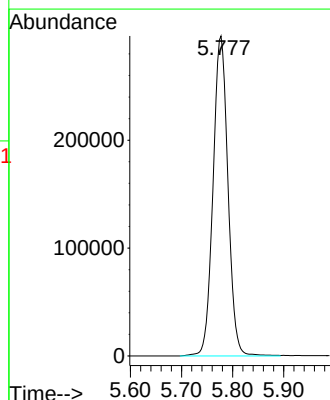
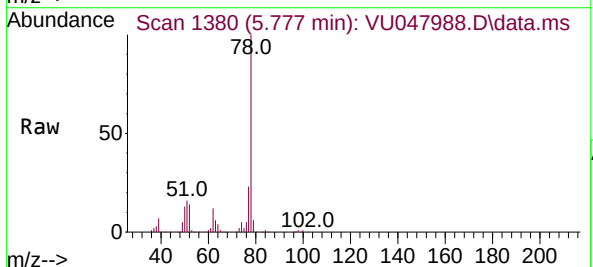
Instrument :
MSVOA_U
ClientSampleId :

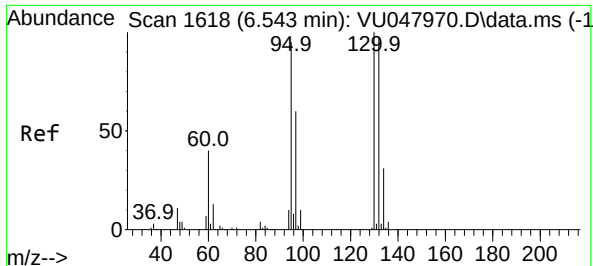
Tgt Ion:117 Resp: 187208
Ion Ratio Lower Upper
117 100
119 96.8 77.2 115.8



#33
Benzene
Concen: 54.222 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU047988.D
Acq: 13 Apr 2022 03:52

Tgt Ion: 78 Resp: 602037





#34

Trichloroethene

Concen: 50.024 ug/L

RT: 6.542 min Scan# 1

Delta R.T. -0.000 min

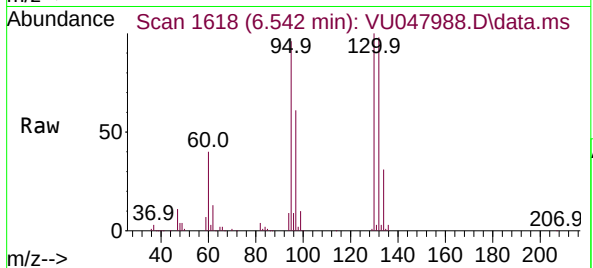
Lab File: VU047988.D

Acq: 13 Apr 2022 03:52

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 145615

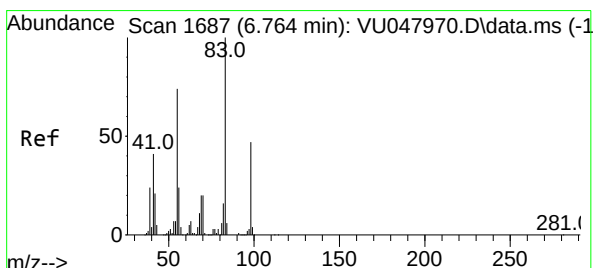
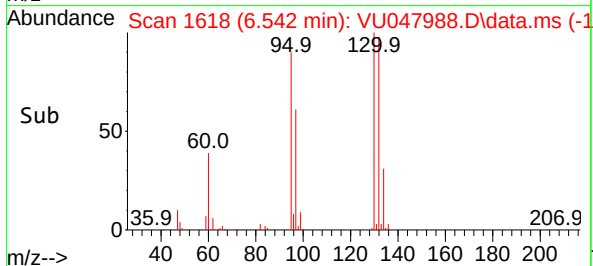
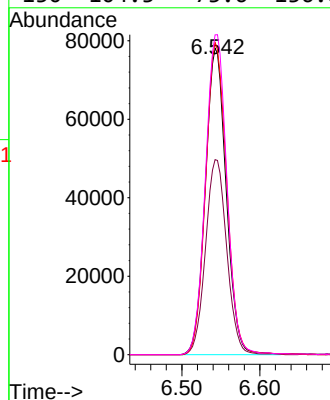
Ion Ratio Lower Upper

95 100

97 63.6 44.7 82.9

132 101.9 70.4 130.8

130 104.3 73.6 136.8



#35

Methylcyclohexane

Concen: 47.399 ug/L

RT: 6.764 min Scan# 1687

Delta R.T. -0.000 min

Lab File: VU047988.D

Acq: 13 Apr 2022 03:52

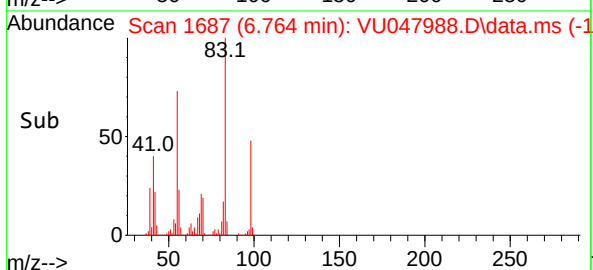
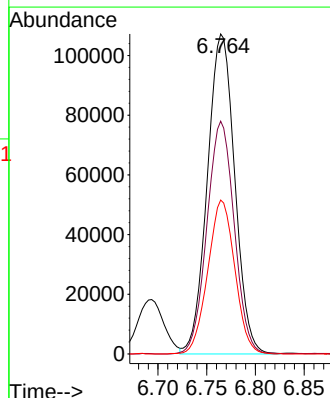
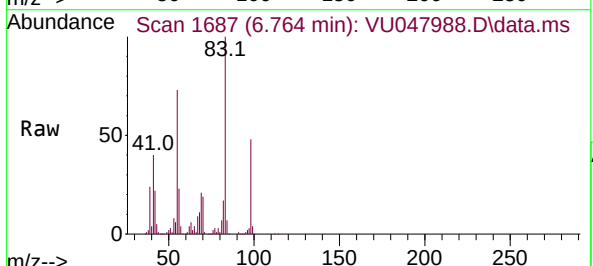
Tgt Ion: 83 Resp: 209903

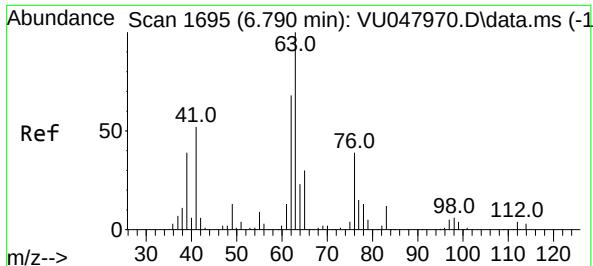
Ion Ratio Lower Upper

83 100

55 72.4 56.8 85.2

98 47.2 38.1 57.1





#37

1,2-Dichloropropane

Concen: 54.176 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU047988.D

Acq: 13 Apr 2022 03:52

Instrument :

MSVOA_U

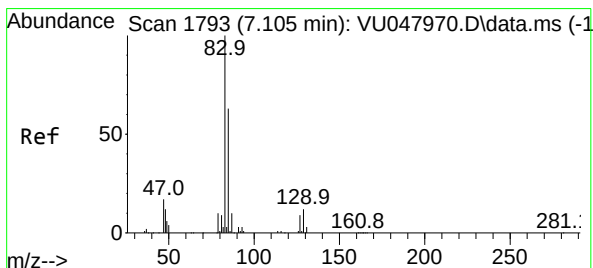
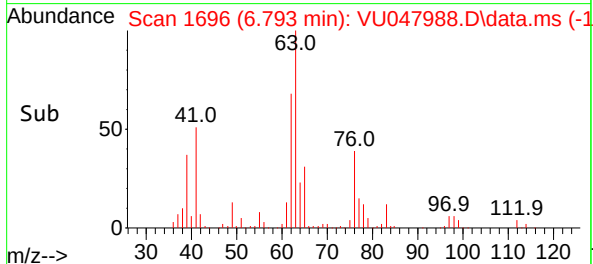
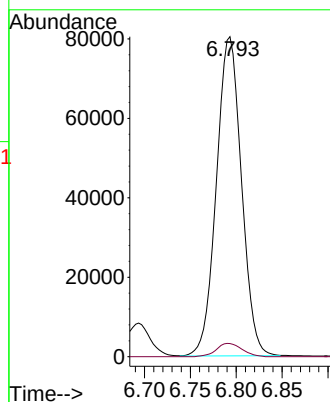
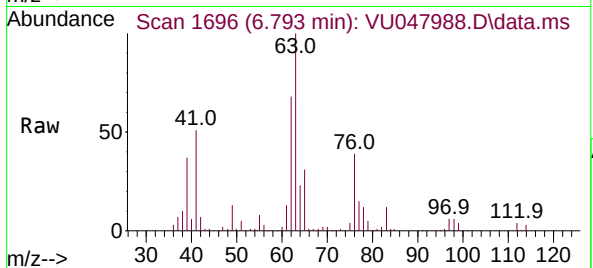
ClientSampleId :

Tgt Ion: 63 Resp: 152918

Ion Ratio Lower Upper

63 100

112 4.3 3.4 5.2



#38

Bromodichloromethane

Concen: 51.532 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VU047988.D

Acq: 13 Apr 2022 03:52

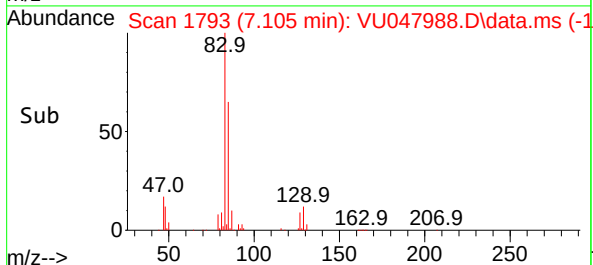
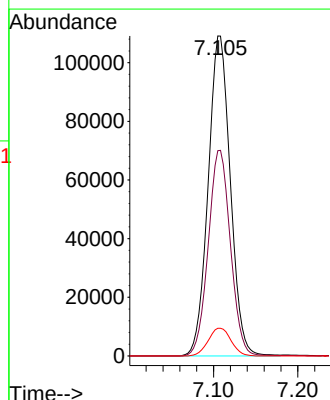
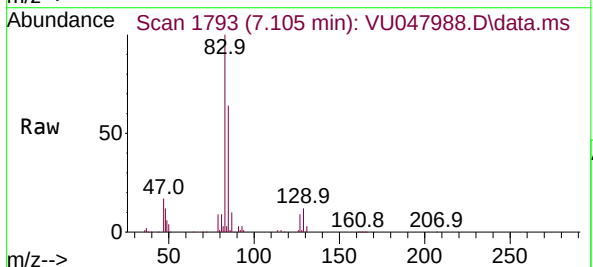
Tgt Ion: 83 Resp: 199739

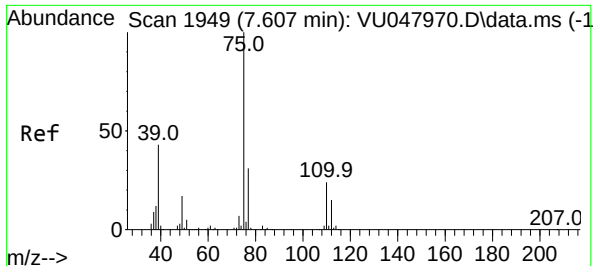
Ion Ratio Lower Upper

83 100

85 64.2 44.4 82.4

127 8.6 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 49.852 ug/L

RT: 7.610 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VU047988.D

Acq: 13 Apr 2022 03:52

Instrument :

MSVOA_U

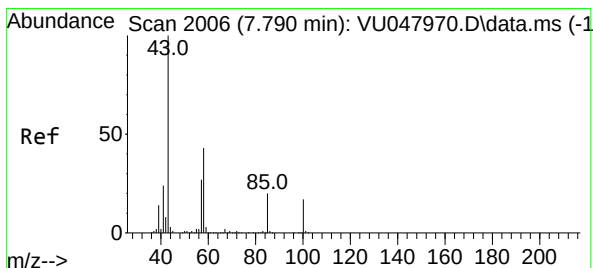
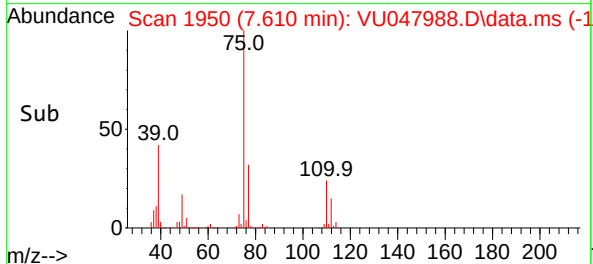
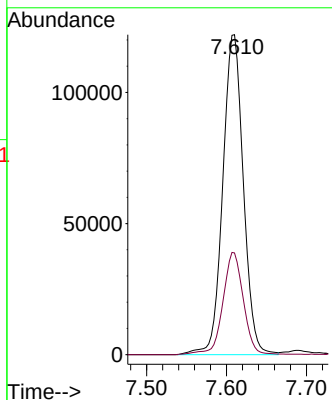
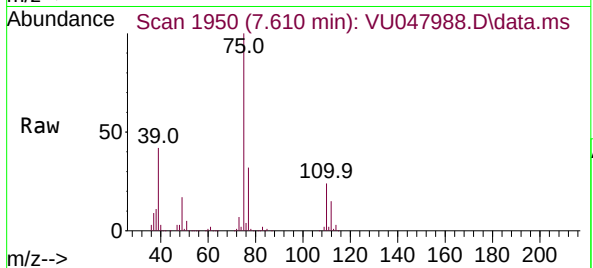
ClientSampleId :

Tgt Ion: 75 Resp: 218331

Ion Ratio Lower Upper

75 100

77 31.8 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 98.074 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VU047988.D

Acq: 13 Apr 2022 03:52

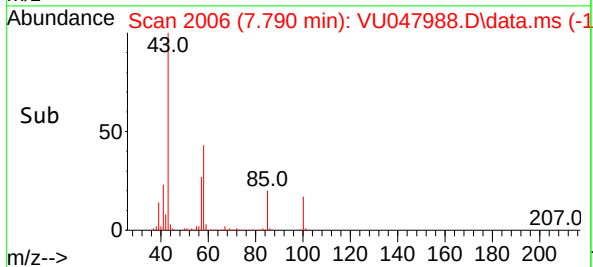
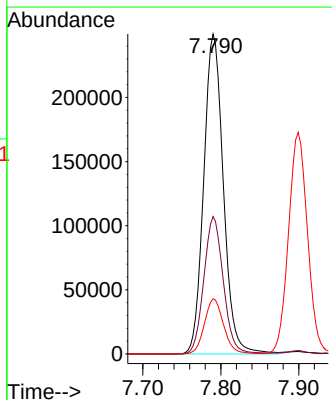
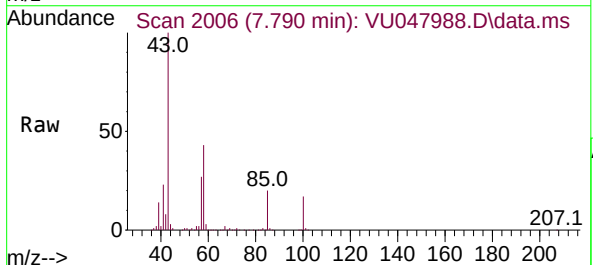
Tgt Ion: 43 Resp: 437518

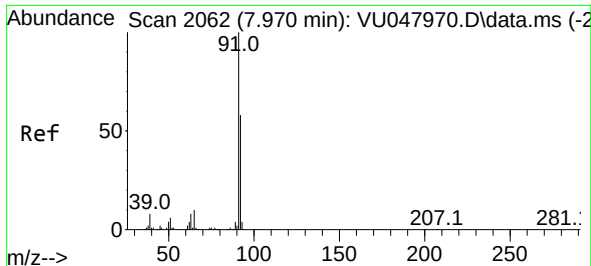
Ion Ratio Lower Upper

43 100

58 42.6 34.7 52.1

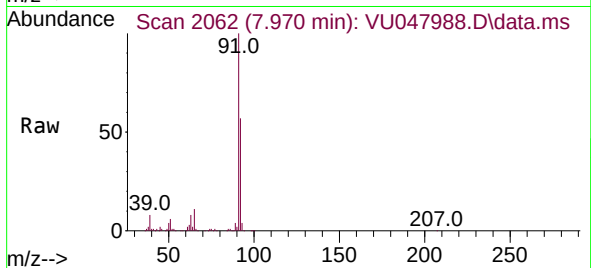
100 16.8 14.2 21.2



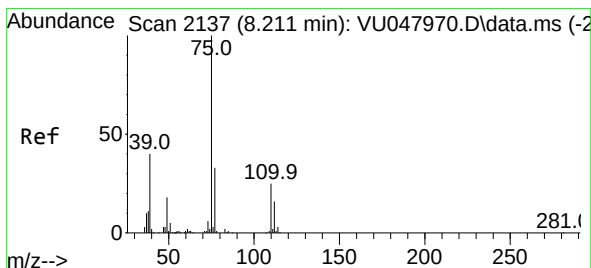
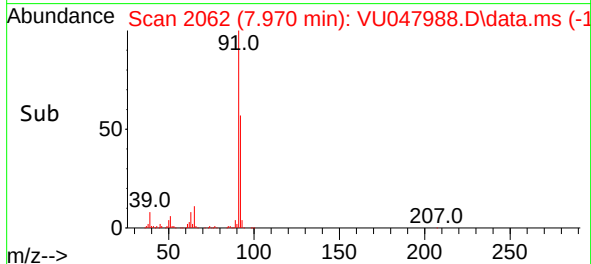
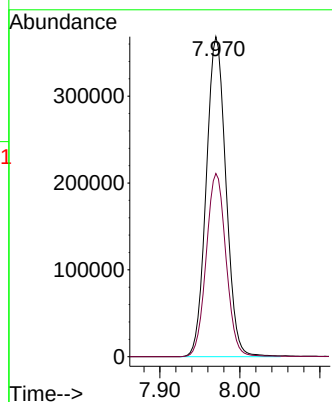


#42
Toluene
Concen: 51.868 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VU047988.D
Acq: 13 Apr 2022 03:52

Instrument :
MSVOA_U
ClientSampleId :

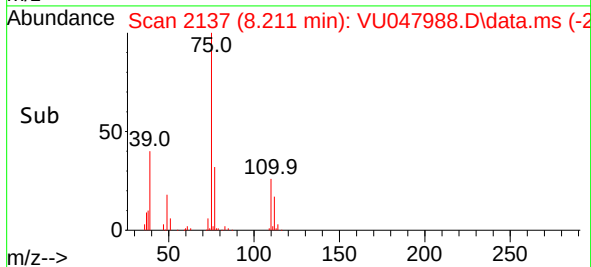
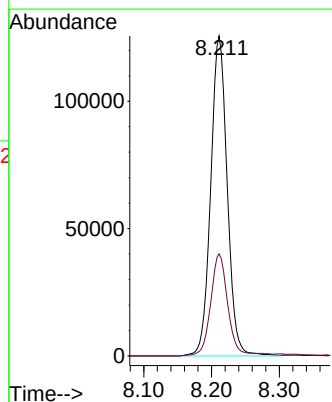
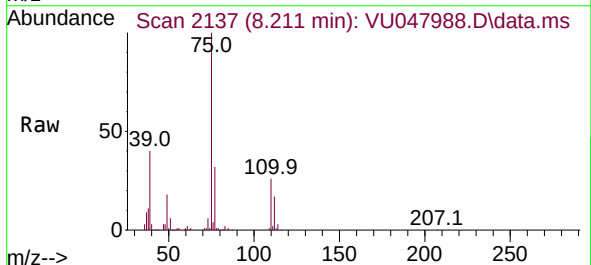


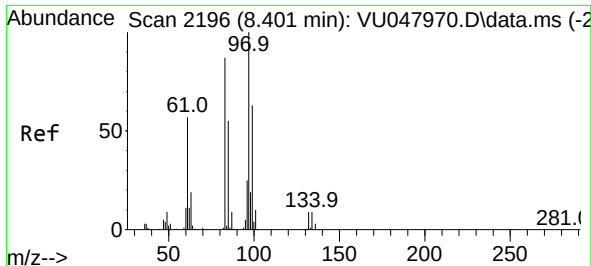
Tgt Ion: 91 Resp: 631899
Ion Ratio Lower Upper
91 100
92 57.3 40.4 75.0



#44
trans-1,3-Dichloropropene
Concen: 48.647 ug/L
RT: 8.211 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VU047988.D
Acq: 13 Apr 2022 03:52

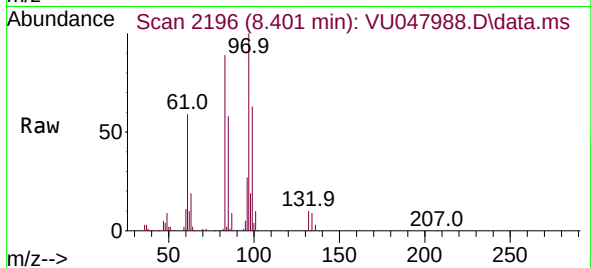
Tgt Ion: 75 Resp: 212727
Ion Ratio Lower Upper
75 100
77 31.9 22.0 40.8





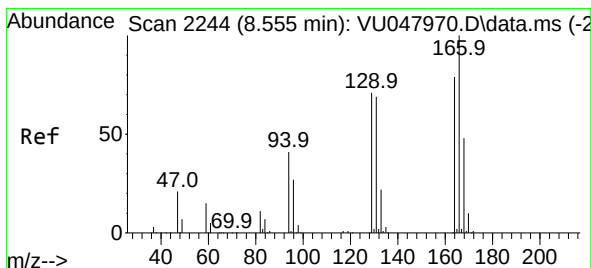
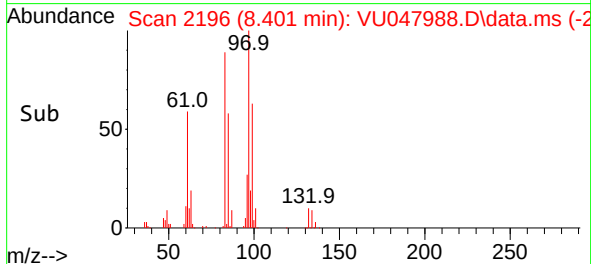
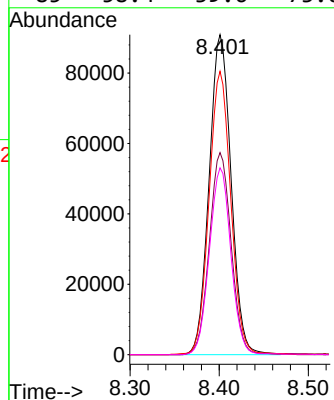
#45
1,1,2-Trichloroethane
Concen: 52.099 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU047988.D
Acq: 13 Apr 2022 03:52

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 97 Resp: 155962

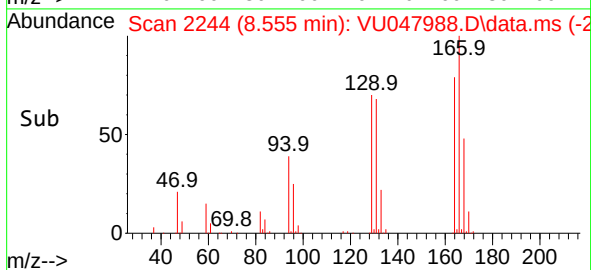
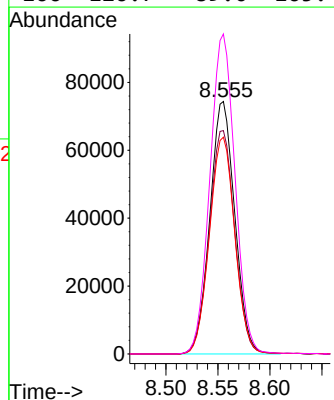
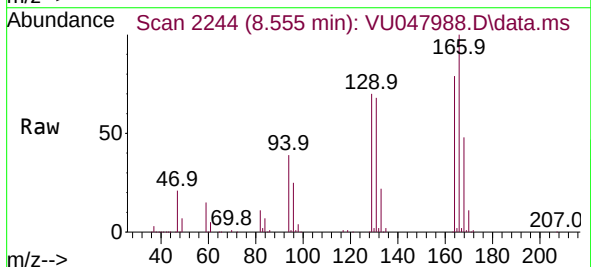
Ion	Ratio	Lower	Upper
97	100		
99	63.2	43.3	80.3
83	88.5	61.0	113.4
85	58.4	39.6	73.6

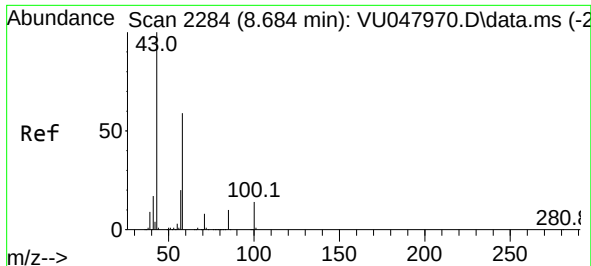


#46
Tetrachloroethene
Concen: 47.556 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU047988.D
Acq: 13 Apr 2022 03:52

Tgt Ion: 164 Resp: 124399

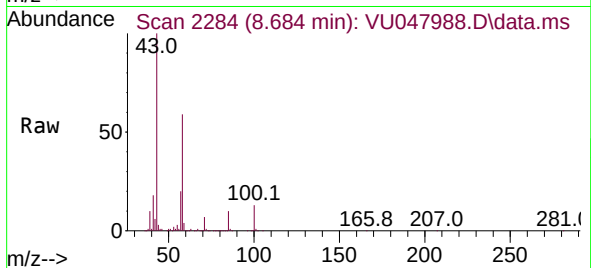
Ion	Ratio	Lower	Upper
164	100		
129	88.4	62.4	116.0
131	85.9	60.7	112.7
166	126.7	89.0	165.4



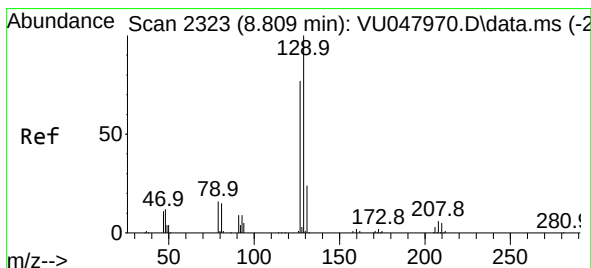
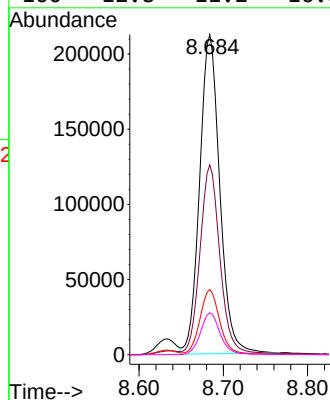
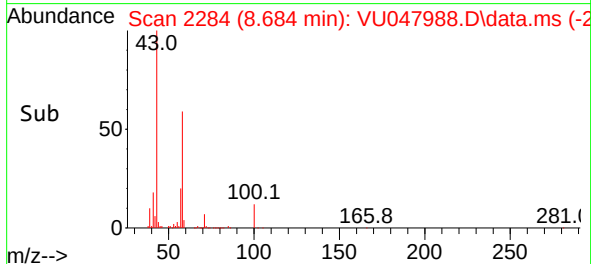


#48
2-Hexanone
Concen: 92.013 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047988.D
Acq: 13 Apr 2022 03:52

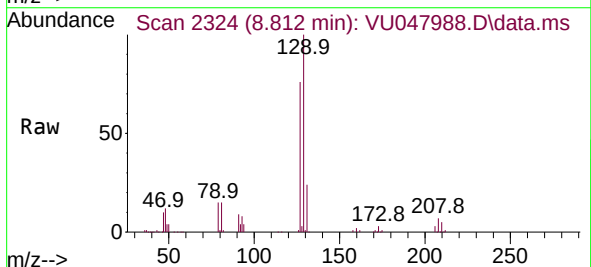
Instrument :
MSVOA_U
ClientSampleId :



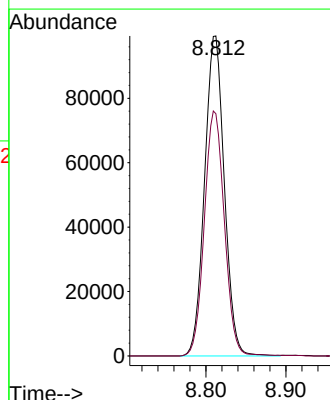
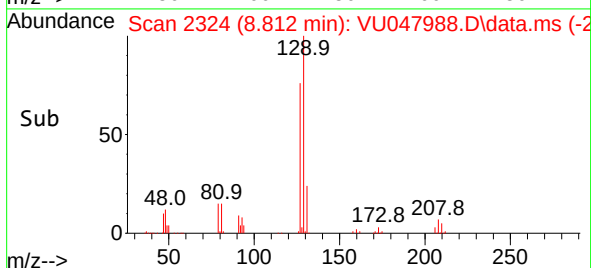
Tgt Ion: 43 Resp: 353088
Ion Ratio Lower Upper
43 100
58 58.7 48.1 72.1
57 20.2 16.2 24.4
100 12.8 11.2 16.8

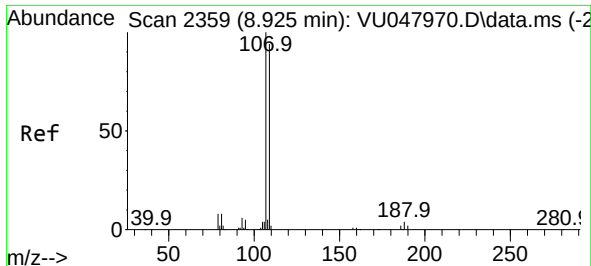


#49
Dibromochloromethane
Concen: 49.303 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. 0.003 min
Lab File: VU047988.D
Acq: 13 Apr 2022 03:52



Tgt Ion: 129 Resp: 170944
Ion Ratio Lower Upper
129 100
127 75.7 54.2 100.6





#50

1,2-Dibromoethane

Concen: 50.596 ug/L

RT: 8.925 min Scan# 21

Delta R.T. -0.000 min

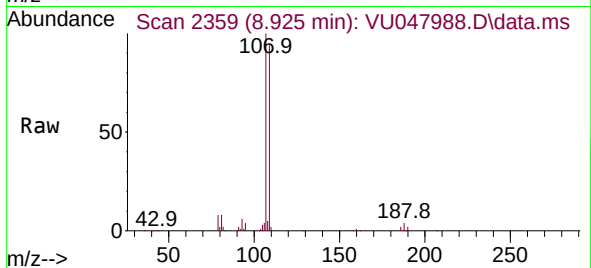
Lab File: VU047988.D

Acq: 13 Apr 2022 03:52

Instrument :

MSVOA_U

ClientSampleId :



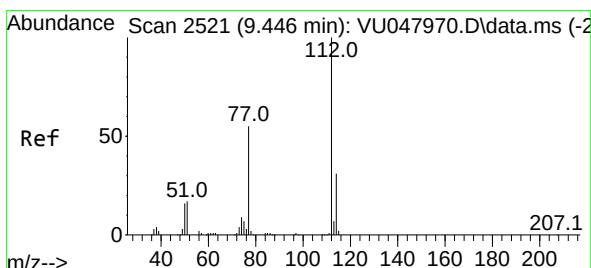
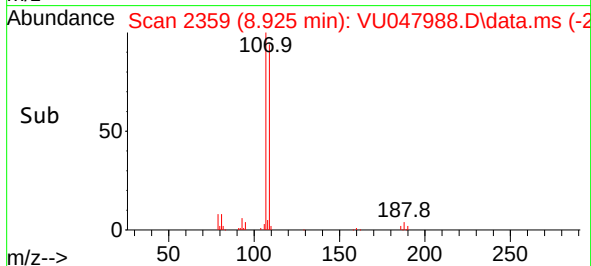
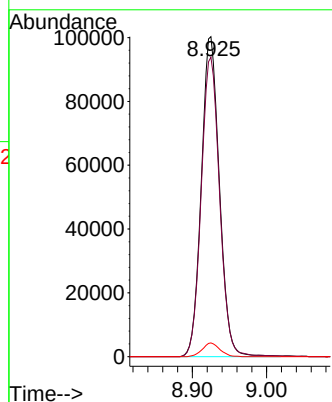
Tgt Ion:107 Resp: 169802

Ion Ratio Lower Upper

107 100

109 93.6 66.6 123.6

188 4.3 3.4 5.2



#51

Chlorobenzene

Concen: 57.079 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.000 min

Lab File: VU047988.D

Acq: 13 Apr 2022 03:52

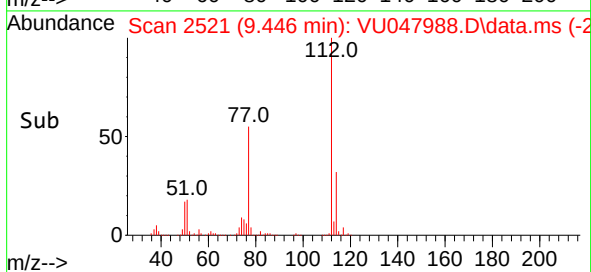
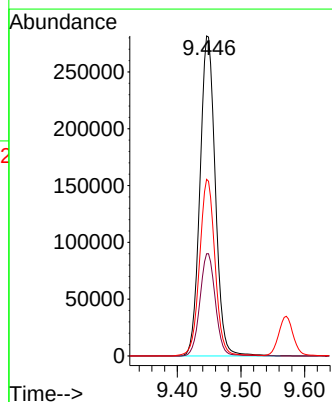
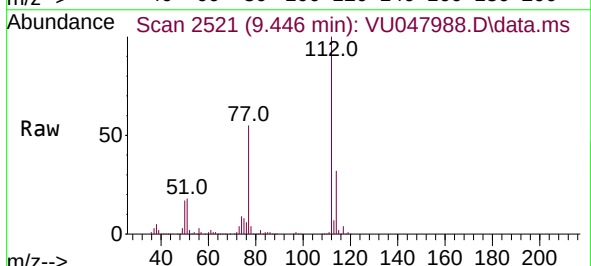
Tgt Ion:112 Resp: 472162

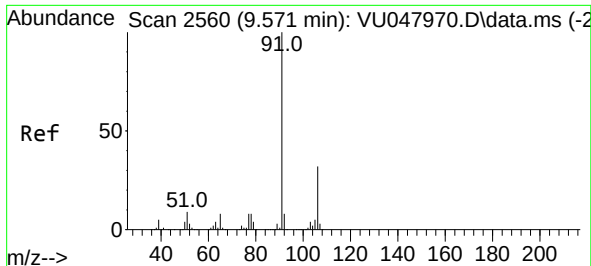
Ion Ratio Lower Upper

112 100

114 32.0 22.1 41.1

77 55.2 43.4 65.0

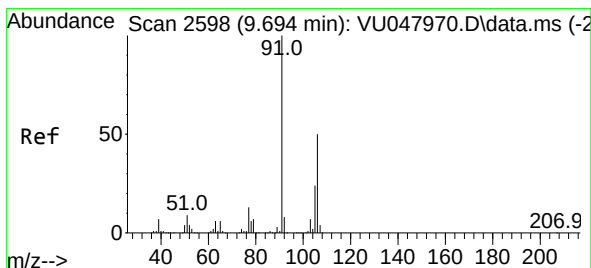
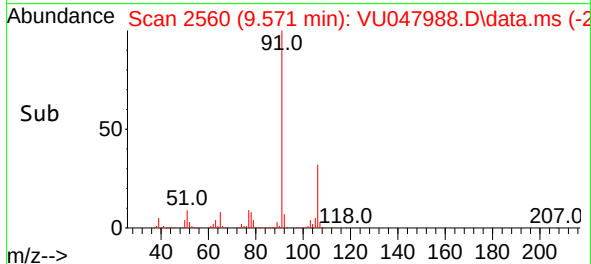
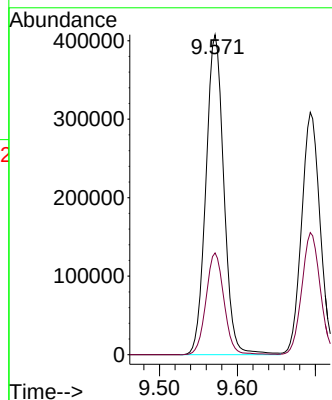
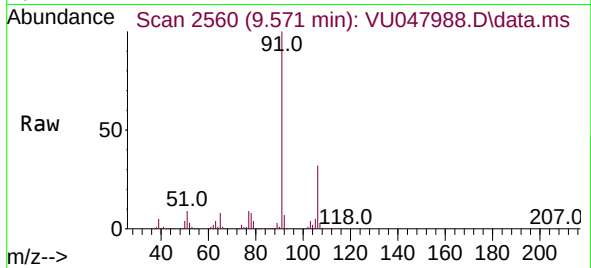




#52
Ethylbenzene
Concen: 50.990 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU047988.D
Acq: 13 Apr 2022 03:52

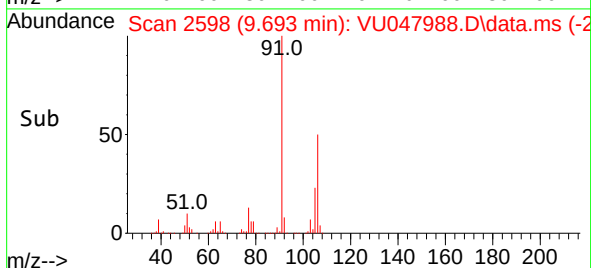
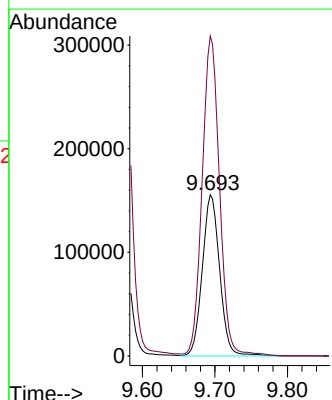
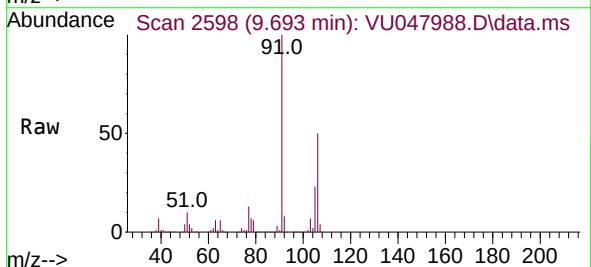
Instrument :
MSVOA_U
ClientSampleId :

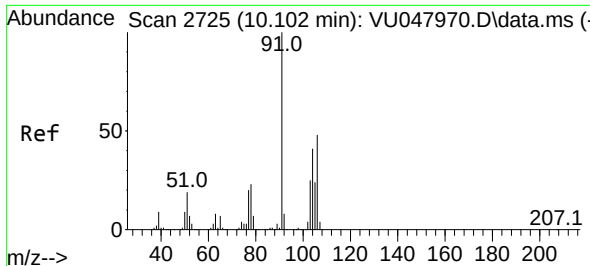
Tgt Ion: 91 Resp: 653167
Ion Ratio Lower Upper
91 100
106 31.8 22.4 41.6



#53
m,p-Xylene
Concen: 51.530 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU047988.D
Acq: 13 Apr 2022 03:52

Tgt Ion:106 Resp: 259008
Ion Ratio Lower Upper
106 100
91 198.6 137.7 255.7

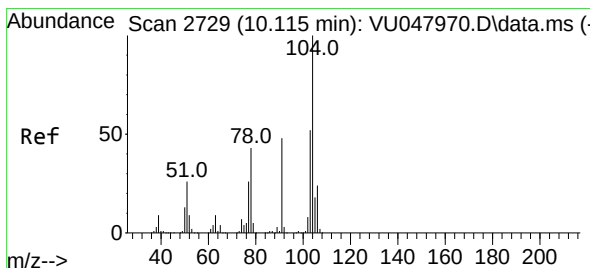
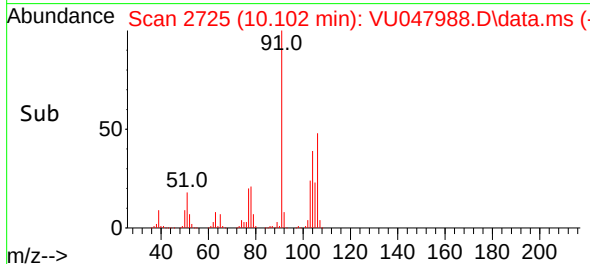
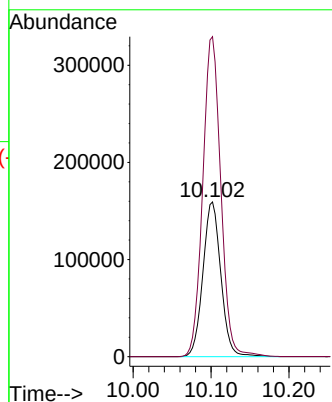
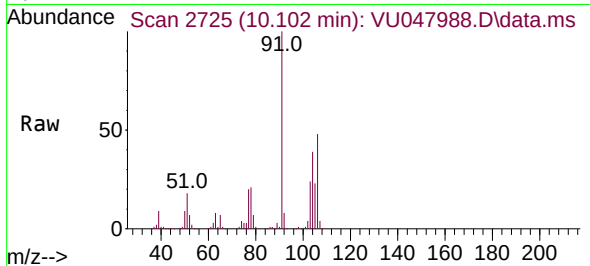




#54
o-Xylene
Concen: 51.646 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU047988.D
Acq: 13 Apr 2022 03:52

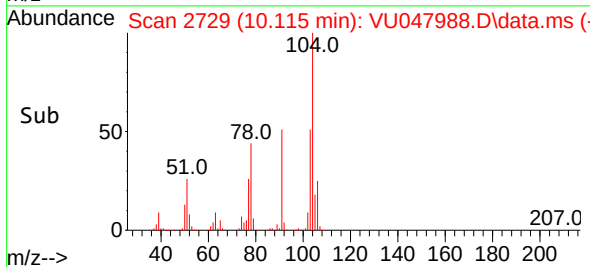
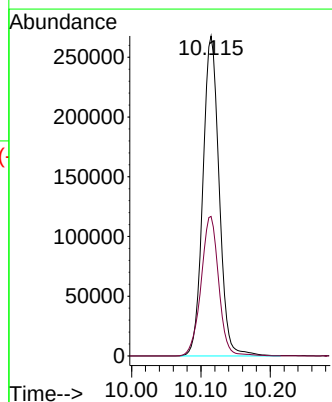
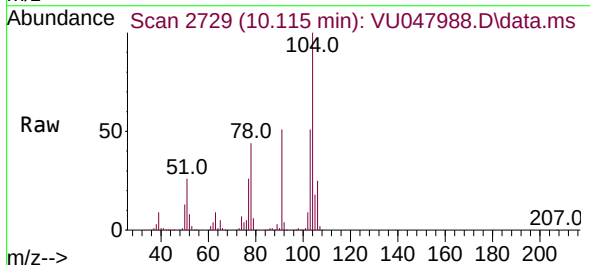
Instrument :
MSVOA_U
ClientSampleId :

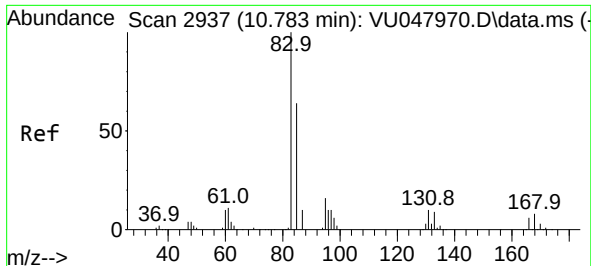
Tgt Ion:106 Resp: 254776
Ion Ratio Lower Upper
106 100
91 206.8 146.7 272.5



#55
Styrene
Concen: 51.848 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU047988.D
Acq: 13 Apr 2022 03:52

Tgt Ion:104 Resp: 436687
Ion Ratio Lower Upper
104 100
78 43.6 30.4 56.4





#57

1,1,2,2-Tetrachloroethane

Concen: 49.344 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. -0.000 min

Lab File: VU047988.D

Acq: 13 Apr 2022 03:52

Instrument :

MSVOA_U

ClientSampleId :

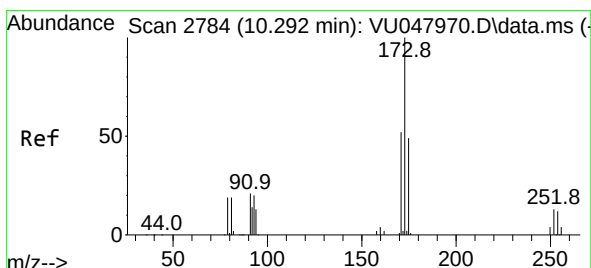
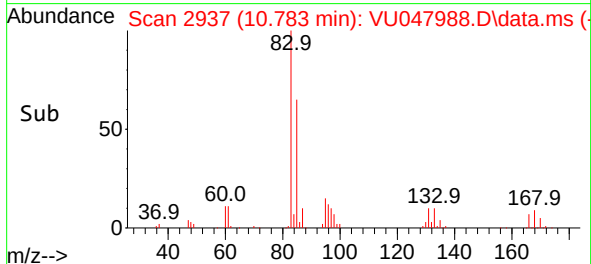
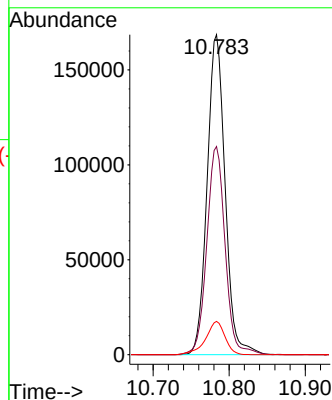
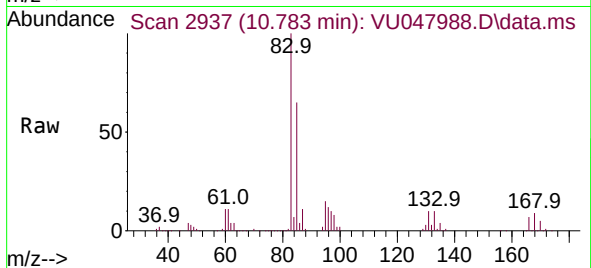
Tgt Ion: 83 Resp: 276921

Ion Ratio Lower Upper

83 100

85 65.1 44.9 83.3

131 10.4 8.6 13.0



#59

Bromoform

Concen: 47.322 ug/L

RT: 10.291 min Scan# 2784

Delta R.T. -0.000 min

Lab File: VU047988.D

Acq: 13 Apr 2022 03:52

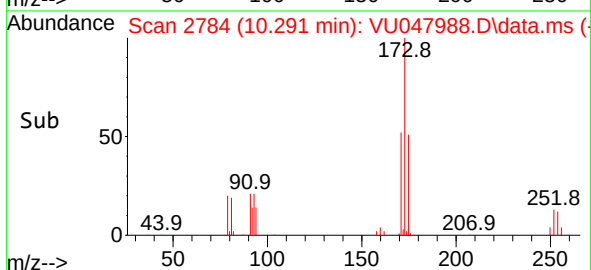
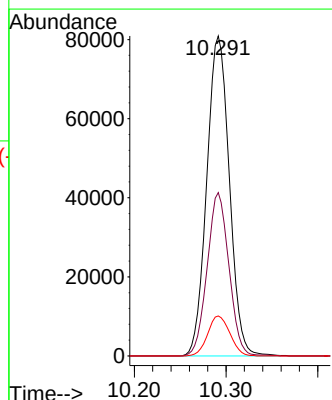
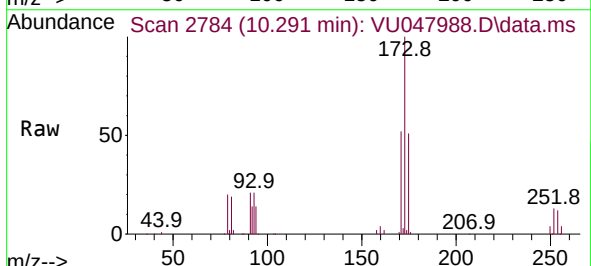
Tgt Ion:173 Resp: 138570

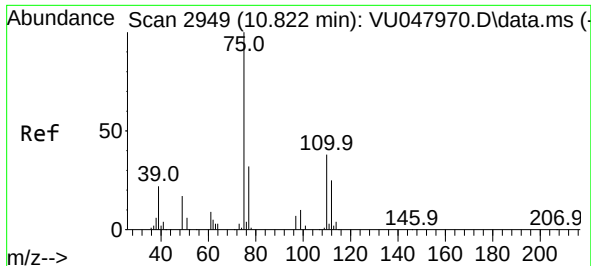
Ion Ratio Lower Upper

173 100

175 49.1 38.7 58.1

254 12.3 9.6 14.4

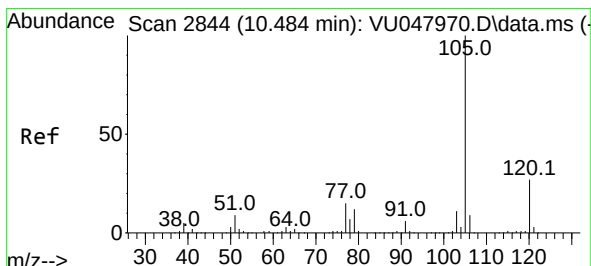
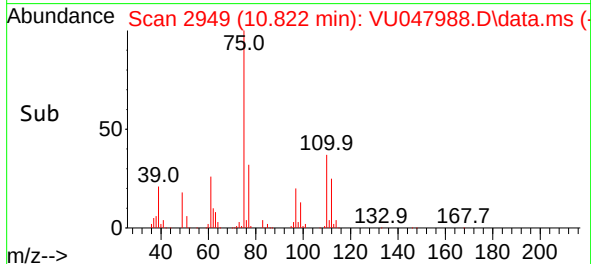
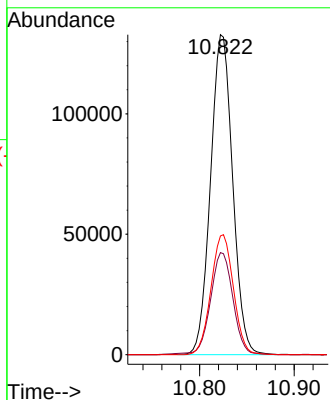
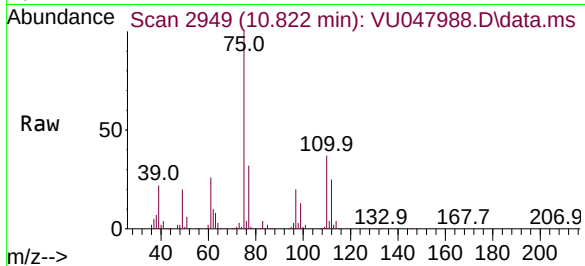




#60
1,2,3-Trichloropropane
Concen: 50.090 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU047988.D
Acq: 13 Apr 2022 03:52

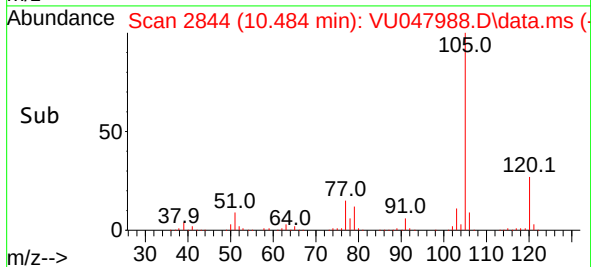
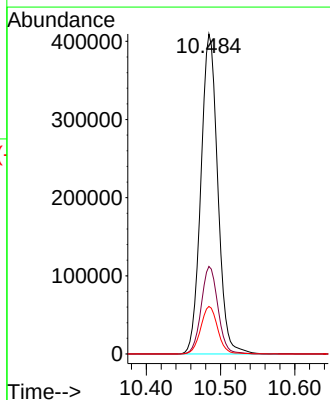
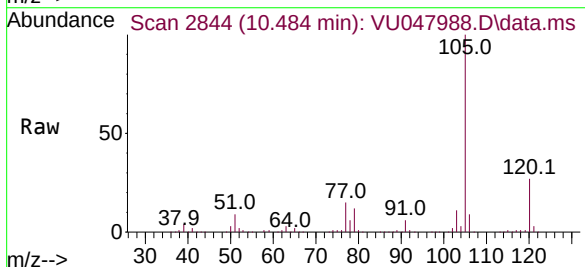
Instrument :
MSVOA_U
ClientSampleId :

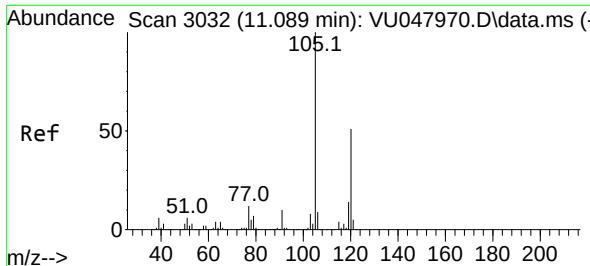
Tgt Ion: 75 Resp: 216234
Ion Ratio Lower Upper
75 100
77 32.4 26.0 39.0
110 38.0 31.4 47.2



#61
Isopropylbenzene
Concen: 52.055 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU047988.D
Acq: 13 Apr 2022 03:52

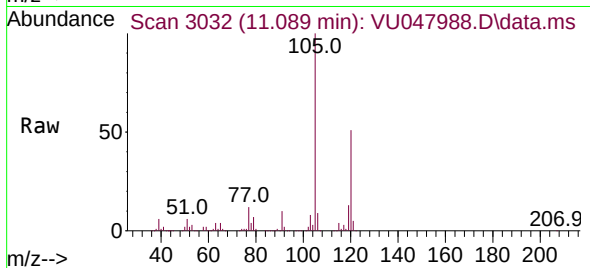
Tgt Ion:105 Resp: 644240
Ion Ratio Lower Upper
105 100
120 27.3 21.9 32.9
77 15.0 12.1 18.1



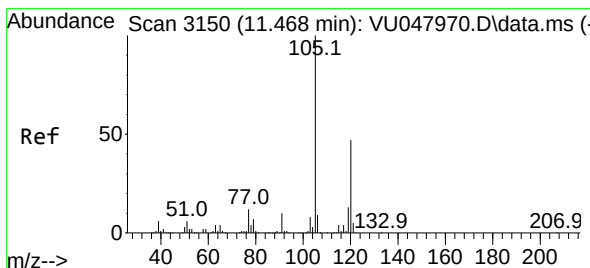
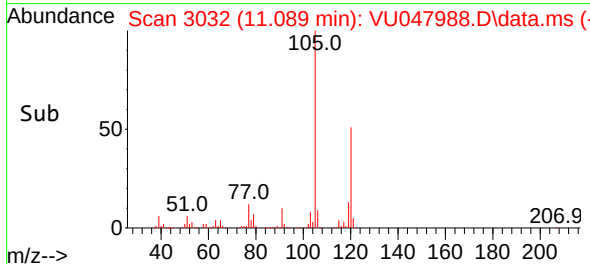
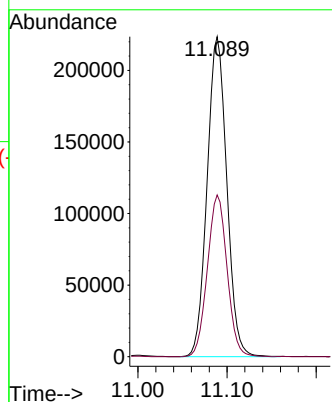


#62
1,3,5-Trimethylbenzene
Concen: 50.940 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU047988.D
Acq: 13 Apr 2022 03:52

Instrument :
MSVOA_U
ClientSampleId :

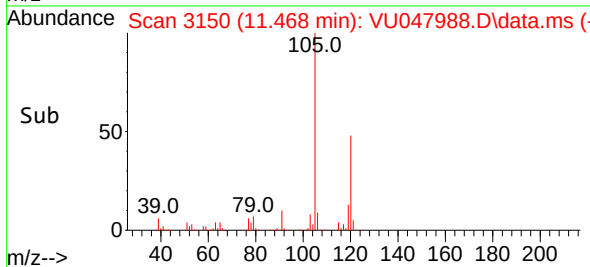
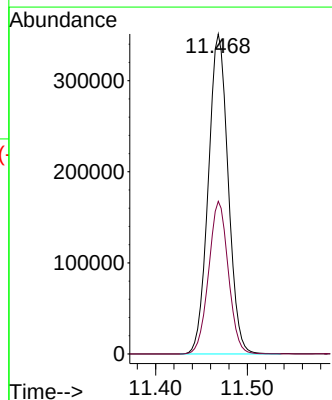
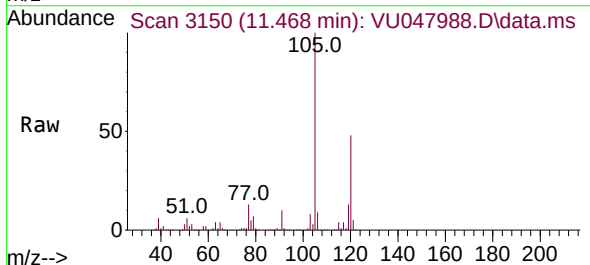


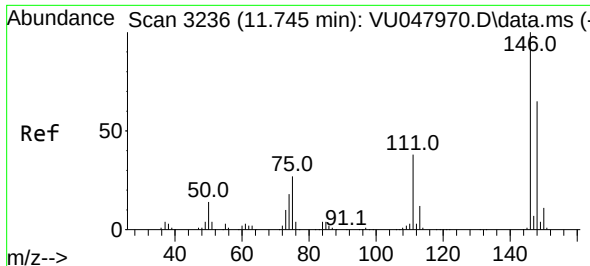
Tgt Ion:105 Resp: 342055
Ion Ratio Lower Upper
105 100
120 50.6 40.8 61.2



#63
1,2,4-Trimethylbenzene
Concen: 51.797 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU047988.D
Acq: 13 Apr 2022 03:52

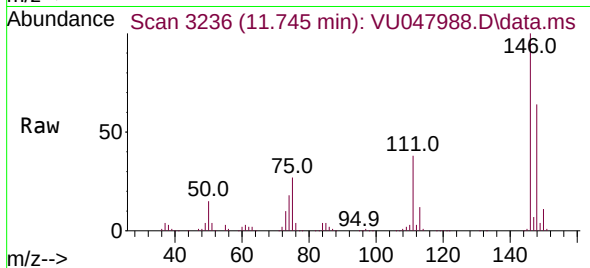
Tgt Ion:105 Resp: 528319
Ion Ratio Lower Upper
105 100
120 47.3 37.6 56.4



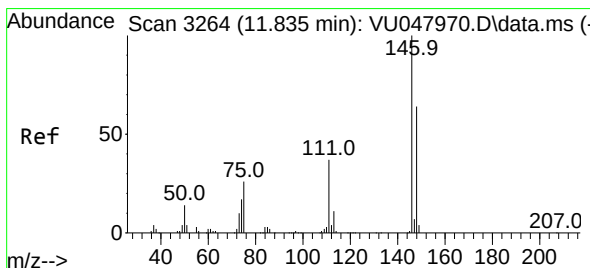
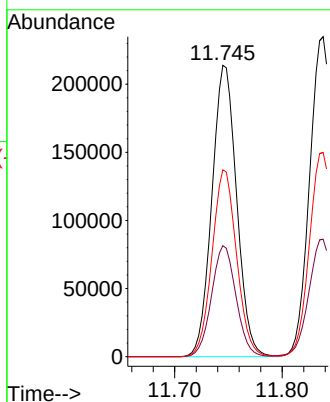
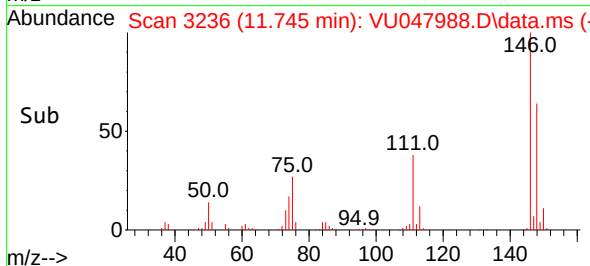


#64
1,3-Dichlorobenzene
Concen: 49.759 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU047988.D
Acq: 13 Apr 2022 03:52

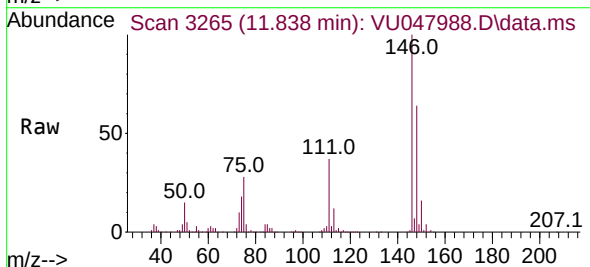
Instrument :
MSVOA_U
ClientSampleId :



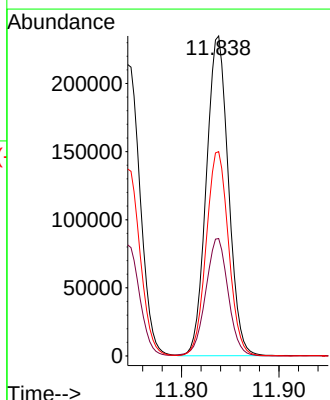
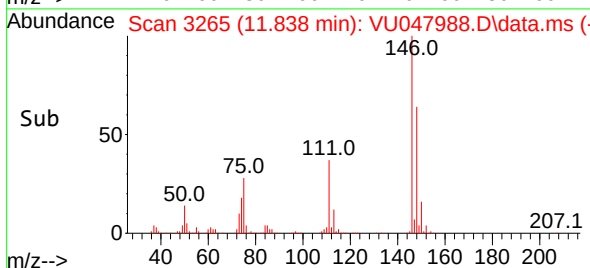
Tgt Ion:146 Resp: 342286
Ion Ratio Lower Upper
146 100
111 38.1 26.7 49.7
148 64.2 44.4 82.5

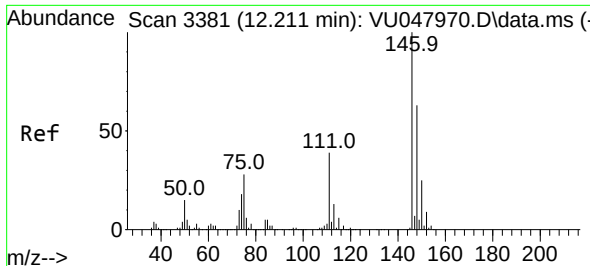


#65
1,4-Dichlorobenzene
Concen: 51.894 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU047988.D
Acq: 13 Apr 2022 03:52



Tgt Ion:146 Resp: 369751
Ion Ratio Lower Upper
146 100
111 36.7 25.3 47.1
148 63.8 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 51.741 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU047988.D

Acq: 13 Apr 2022 03:52

Instrument :

MSVOA_U

ClientSampleId :

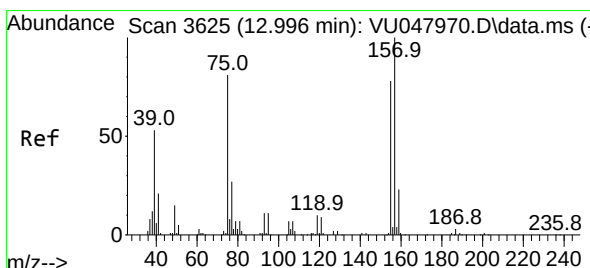
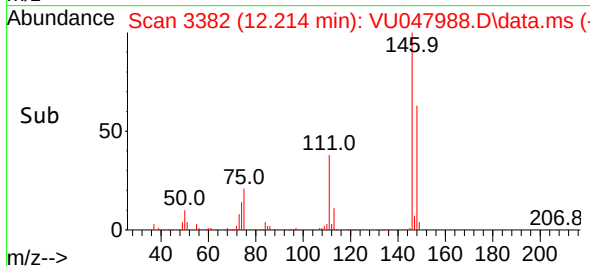
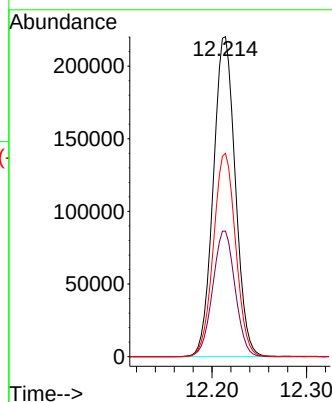
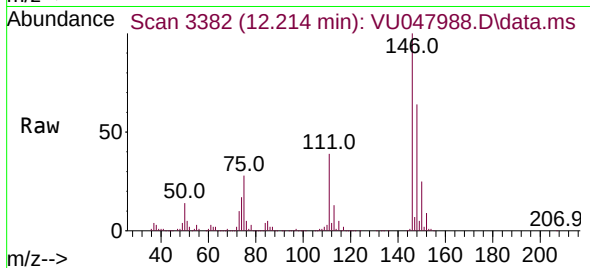
Tgt Ion:146 Resp: 356133

Ion Ratio Lower Upper

146 100

111 39.3 31.7 47.5

148 63.6 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 56.820 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. -0.000 min

Lab File: VU047988.D

Acq: 13 Apr 2022 03:52

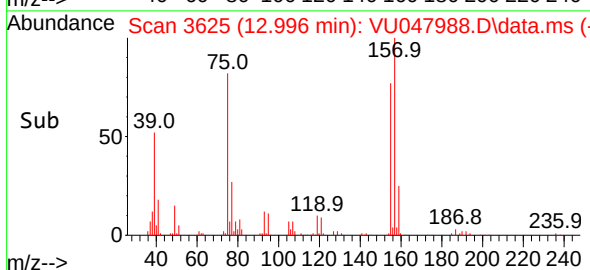
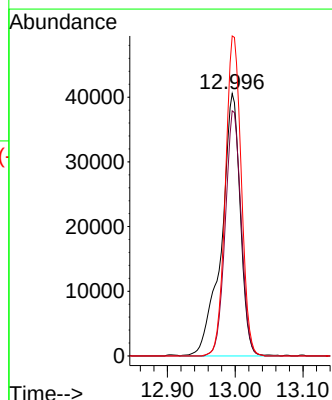
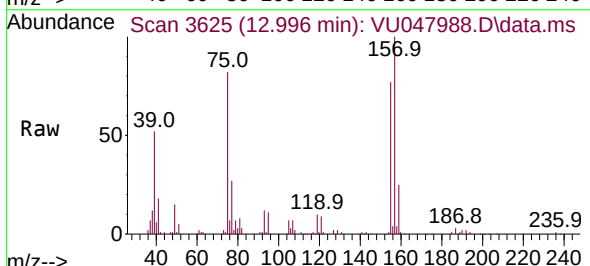
Tgt Ion: 75 Resp: 78572

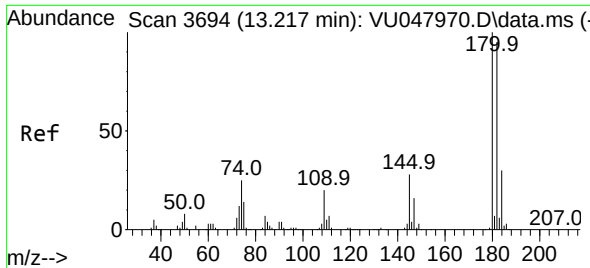
Ion Ratio Lower Upper

75 100

155 93.4 78.9 118.3

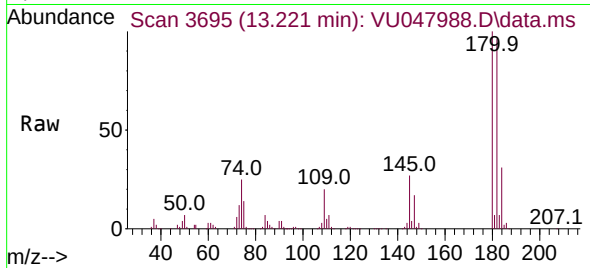
157 122.0 97.5 146.3



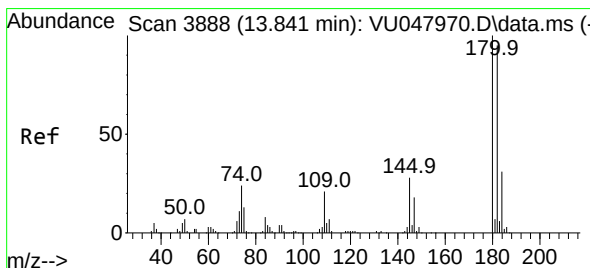
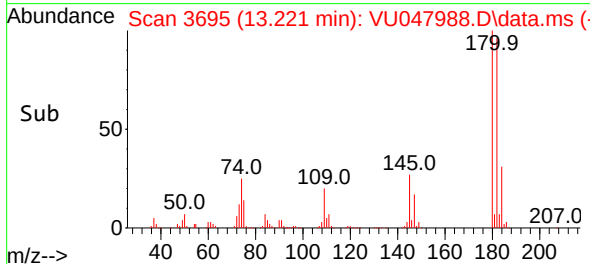
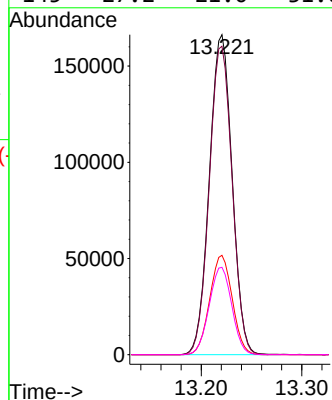


#69
 1,3,5-Trichlorobenzene
 Concen: 46.845 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.003 min
 Lab File: VU047988.D
 Acq: 13 Apr 2022 03:52

Instrument :
 MSVOA_U
 ClientSampleId :

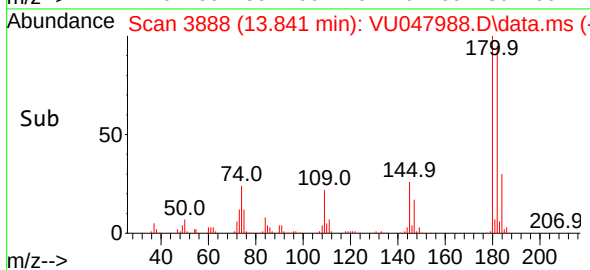
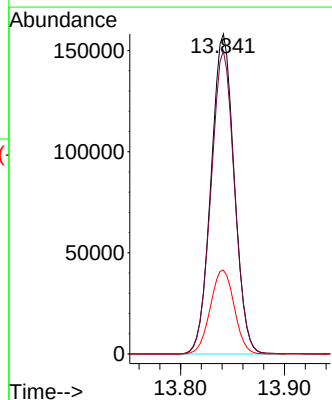
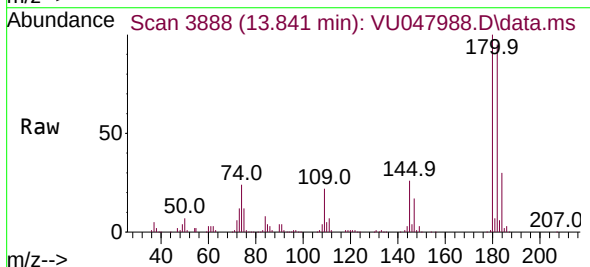


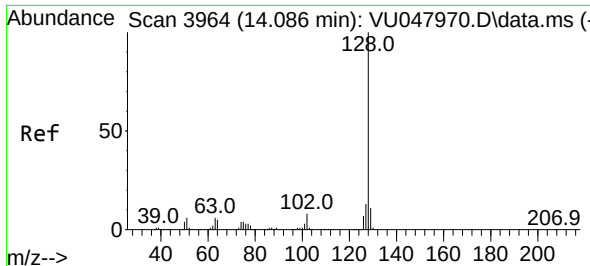
Tgt Ion:180 Resp: 261704
 Ion Ratio Lower Upper
 180 100
 182 96.7 77.0 115.6
 184 30.8 24.5 36.7
 145 27.2 21.0 31.6



#70
 1,2,4-trichlorobenzene
 Concen: 50.111 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU047988.D
 Acq: 13 Apr 2022 03:52

Tgt Ion:180 Resp: 245210
 Ion Ratio Lower Upper
 180 100
 182 95.9 76.2 114.2
 145 27.1 21.8 32.8

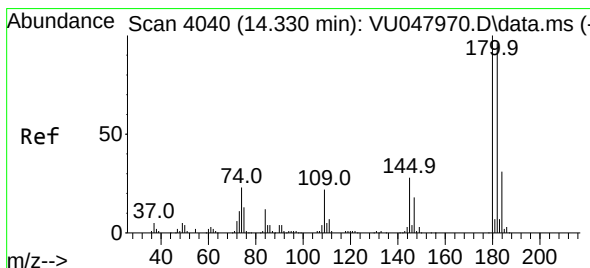
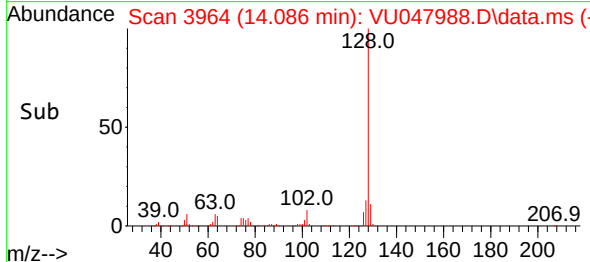
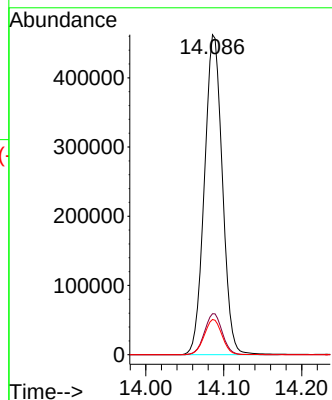
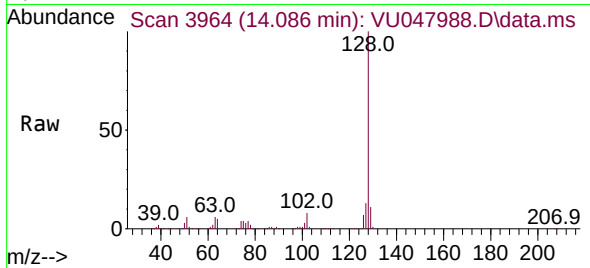




#71
Naphthalene
Concen: 50.651 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU047988.D
Acq: 13 Apr 2022 03:52

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 738946
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 10.9 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 50.556 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU047988.D
Acq: 13 Apr 2022 03:52

Tgt Ion:180 Resp: 247999
Ion Ratio Lower Upper
180 100
182 95.8 77.4 116.0
145 29.3 22.8 34.2

