

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022222\
 Data File : VU047239.D
 Acq On : 22 Feb 2022 18:29
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 23 04:11:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 18 00:54:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	362296	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	356504	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	207368	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	153141	46.542	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.080%
7) Chloroethane-d5	1.919	69	124424	51.011	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.020%
11) 1,1-Dichloroethene-d2	2.575	63	260424	47.761	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.520%
21) 2-Butanone-d5	4.636	46	272427	106.755	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.760%
24) Chloroform-d	5.067	84	266770	49.941	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.880%
26) 1,2-Dichloroethane-d4	5.706	65	164006	47.835	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.680%
32) Benzene-d6	5.732	84	537872	45.382	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.760%
36) 1,2-Dichloropropane-d6	6.694	67	167873	43.676	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.360%
41) Toluene-d8	7.899	98	513528	45.506	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.020%
43) trans-1,3-Dichloroprop...	8.179	79	86070	42.731	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.460%
47) 2-Hexanone-d5	8.636	63	224161	101.800	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.800%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	263269	46.975	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.940%
66) 1,2-Dichlorobenzene-d4	12.192	152	210477	42.797	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	160762	47.624	ug/L	99
3) Chloromethane	1.527	50	168438	50.424	ug/L	100
5) Vinyl chloride	1.607	62	159042	47.245	ug/L	99
6) Bromomethane	1.864	94	81975	41.864	ug/L	99
8) Chloroethane	1.938	64	100971	52.029	ug/L	98
9) Trichlorofluoromethane	2.144	101	216441	55.523	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	122831	51.154	ug/L	95
12) 1,1-Dichloroethene	2.584	96	115293	48.937	ug/L	93
13) Acetone	2.652	43	198335	106.691	ug/L	97
14) Carbon disulfide	2.800	76	335247	45.339	ug/L	99
15) Methyl Acetate	2.957	43	166998	53.383	ug/L	98
16) Methylene chloride	3.051	84	134611	51.634	ug/L	96
17) trans-1,2-Dichloroethene	3.359	96	124078	50.128	ug/L	96
18) Methyl tert-butyl Ether	3.366	73	398351	47.590	ug/L	97
19) 1,1-Dichloroethane	3.874	63	228927	49.247	ug/L	98
20) cis-1,2-Dichloroethene	4.671	96	142641	52.099	ug/L	100
22) 2-Butanone	4.716	43	282423	113.229	ug/L	98
23) Bromochloromethane	4.980	128	74025	50.983	ug/L	95
25) Chloroform	5.092	83	237659	52.192	ug/L	98

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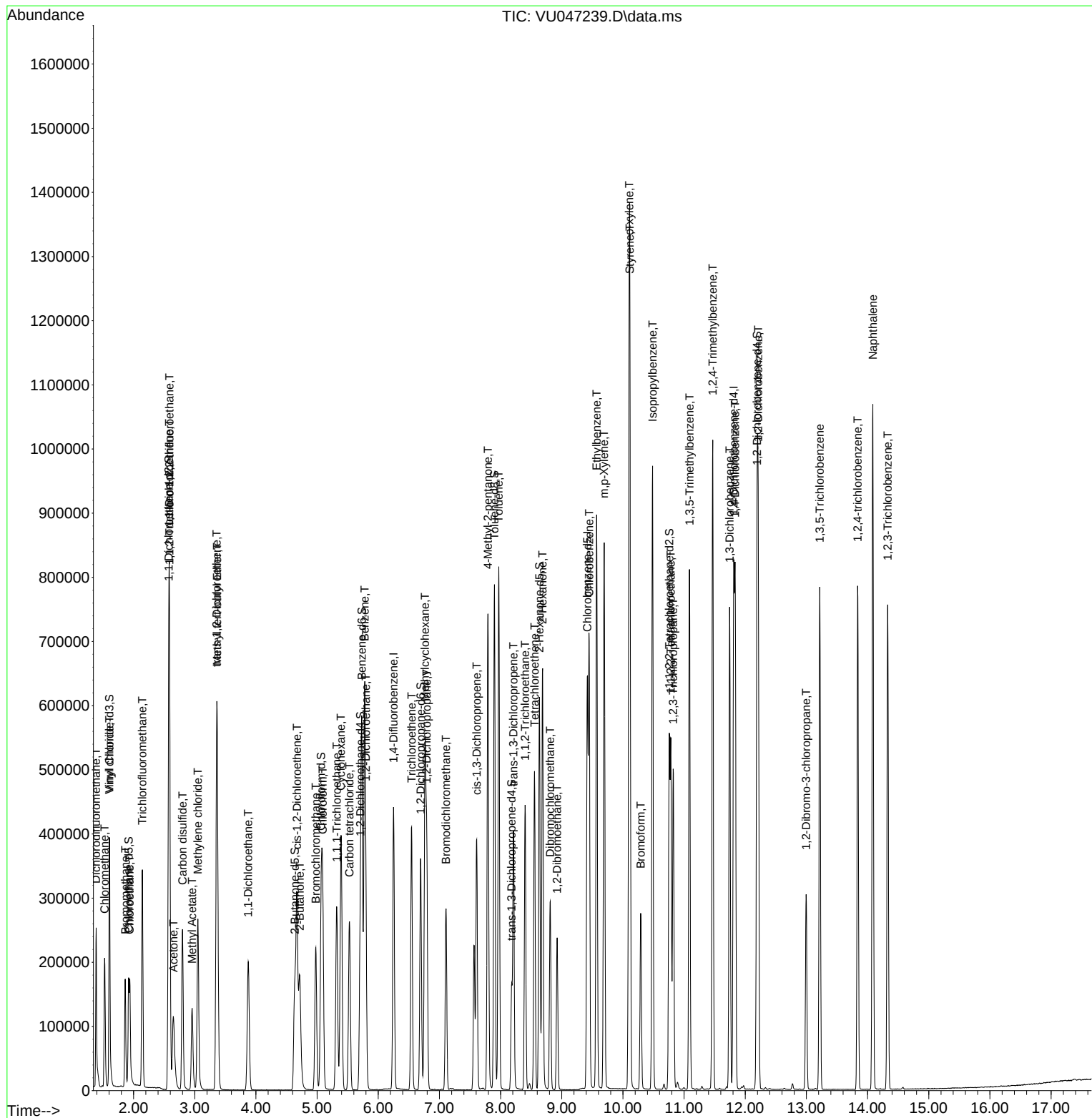
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	186159	51.451	ug/L	100
29) Cyclohexane	5.391	56	205724	44.030	ug/L	98
30) 1,1,1-Trichloroethane	5.321	97	205907	48.220	ug/L #	50
31) Carbon tetrachloride	5.530	117	178762	48.284	ug/L	99
33) Benzene	5.777	78	533880	48.014	ug/L	100
34) Trichloroethene	6.546	95	137869	47.732	ug/L	98
35) Methylcyclohexane	6.764	83	219505	45.292	ug/L	98
37) 1,2-Dichloropropane	6.793	63	138236	46.412	ug/L	99
38) Bromodichloromethane	7.108	83	182902	48.180	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	225904	46.667	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	465817	98.761	ug/L	96
42) Toluene	7.970	91	585081	47.906	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	216556	46.559	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	138563	49.394	ug/L	97
46) Tetrachloroethene	8.555	164	112015	48.209	ug/L	97
48) 2-Hexanone	8.687	43	398107	102.063	ug/L	96
49) Dibromochloromethane	8.812	129	151292	46.615	ug/L	100
50) 1,2-Dibromoethane	8.925	107	154800	49.676	ug/L	100
51) Chlorobenzene	9.449	112	371877	47.487	ug/L	99
52) Ethylbenzene	9.571	91	628082	46.989	ug/L	99
53) m,p-Xylene	9.693	106	243436	45.903	ug/L	97
54) o-xylene	10.102	106	237155	45.418	ug/L	99
55) Styrene	10.115	104	412389	45.899	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.783	83	259857	52.544	ug/L	100
59) Bromoform	10.291	173	123338	43.811	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	204974	46.369	ug/L	97
61) Isopropylbenzene	10.484	105	626278	42.962	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	441468	42.731	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	549949	43.844	ug/L	97
64) 1,3-Dichlorobenzene	11.745	146	307280	45.176	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	311522	45.561	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	313230	46.274	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	71271	50.605	ug/L #	83
69) 1,3,5-Trichlorobenzene	13.217	180	255343	48.542	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	243275	48.788	ug/L	98
71) Naphthalene	14.086	128	845235	47.881	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	241467	48.634	ug/L	98

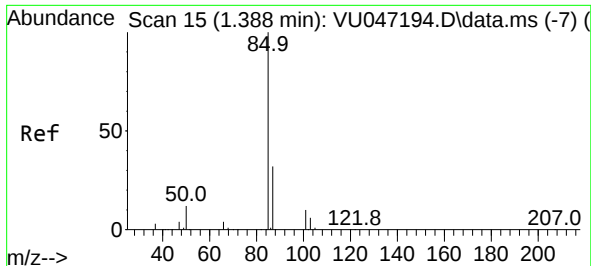
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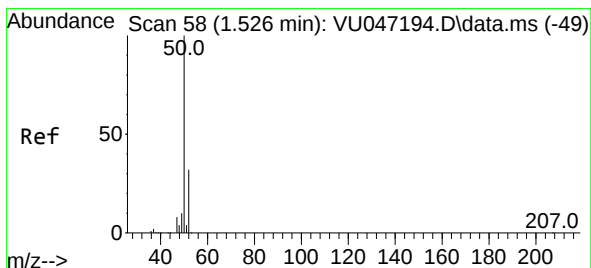
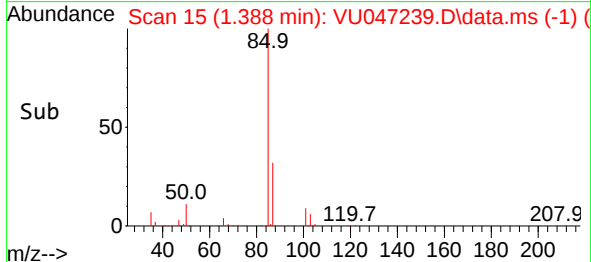
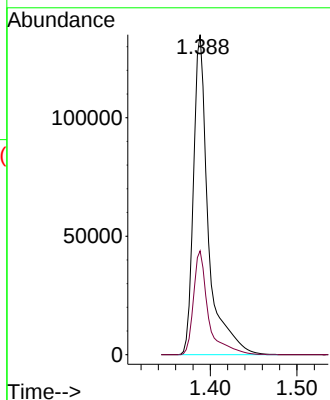
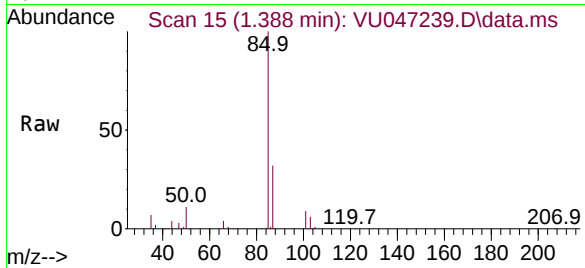




#2
Dichlorodifluoromethane
Concen: 47.624 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU047239.D
Acq: 22 Feb 2022 18:29

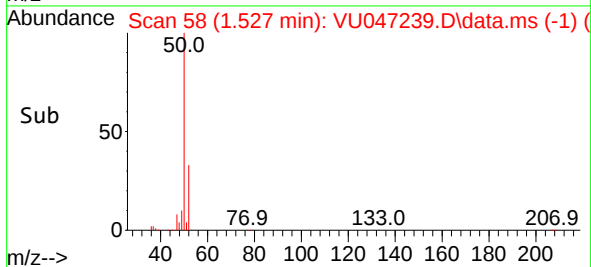
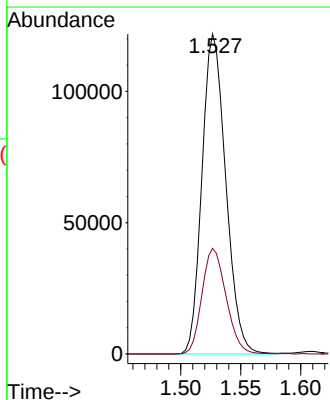
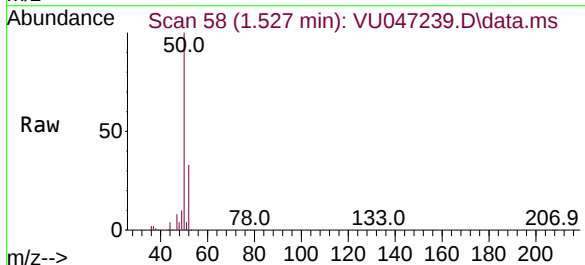
Instrument :
MSVOA_U
ClientSampleId :

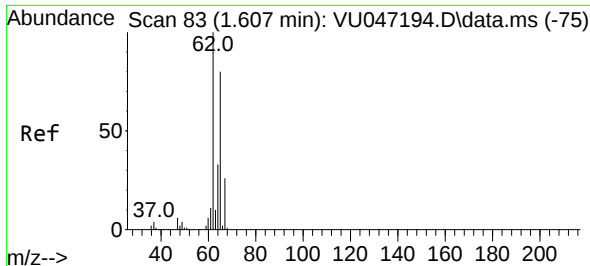
Tgt Ion: 85 Resp: 160762
Ion Ratio Lower Upper
85 100
87 32.5 25.6 38.4



#3
Chloromethane
Concen: 50.424 ug/L
RT: 1.527 min Scan# 58
Delta R.T. 0.000 min
Lab File: VU047239.D
Acq: 22 Feb 2022 18:29

Tgt Ion: 50 Resp: 168438
Ion Ratio Lower Upper
50 100
52 33.0 23.2 43.2

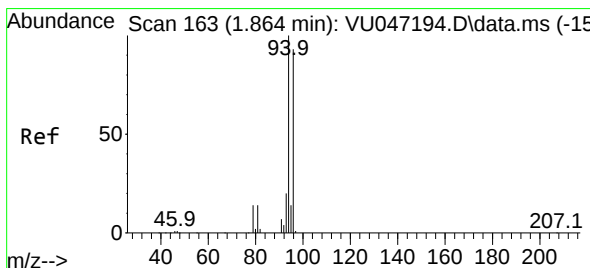
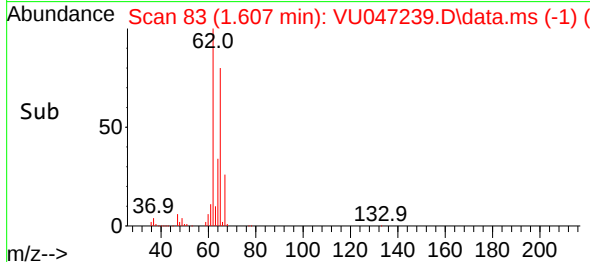
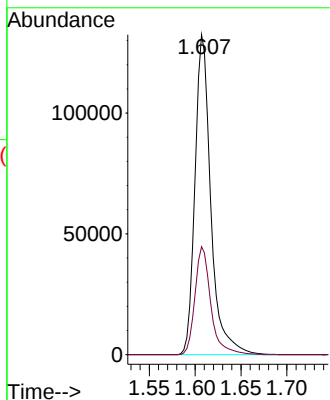
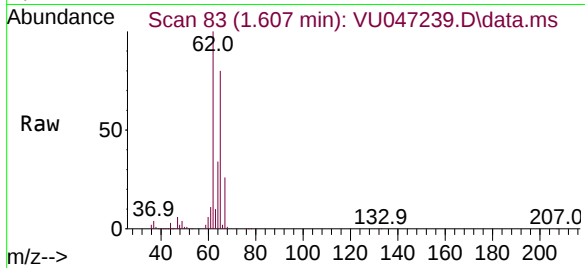




#5
 Vinyl chloride
 Concen: 47.245 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU047239.D
 Acq: 22 Feb 2022 18:29

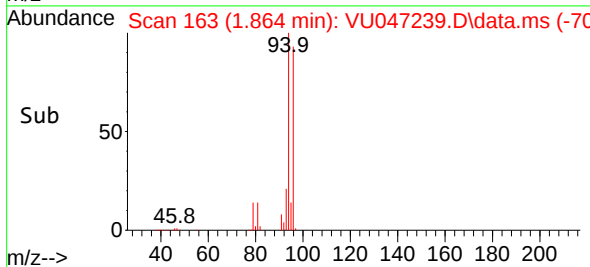
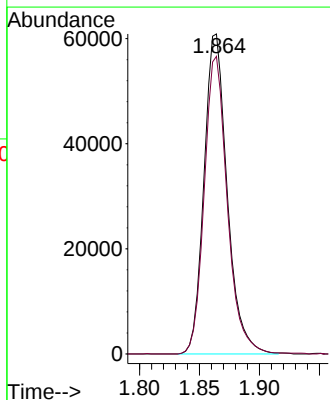
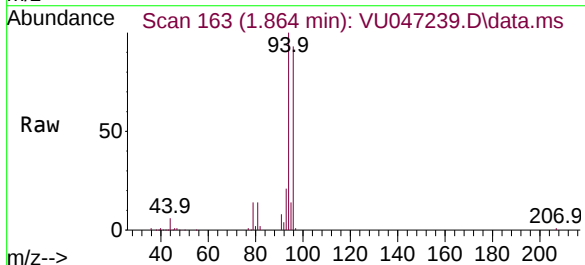
Instrument :
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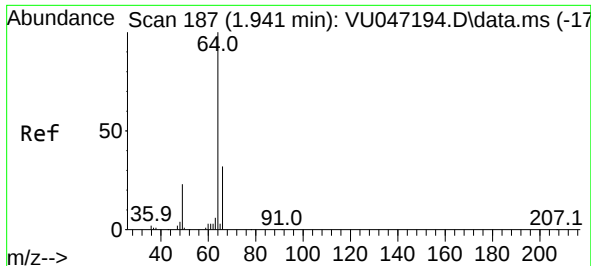
Tgt Ion: 62 Resp: 159042
 Ion Ratio Lower Upper
 62 100
 64 33.8 23.1 42.9



#6
 Bromomethane
 Concen: 41.864 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.000 min
 Lab File: VU047239.D
 Acq: 22 Feb 2022 18:29

Tgt Ion: 94 Resp: 81975
 Ion Ratio Lower Upper
 94 100
 96 93.0 64.4 119.6

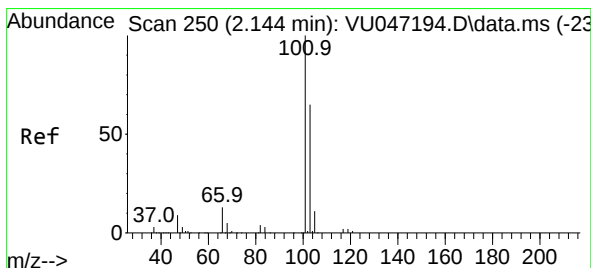
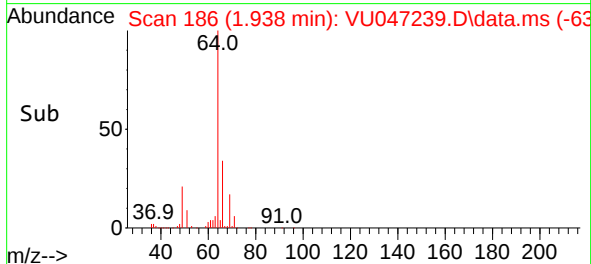
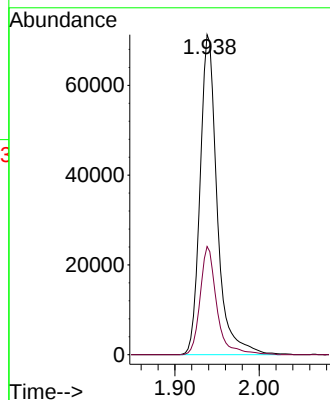
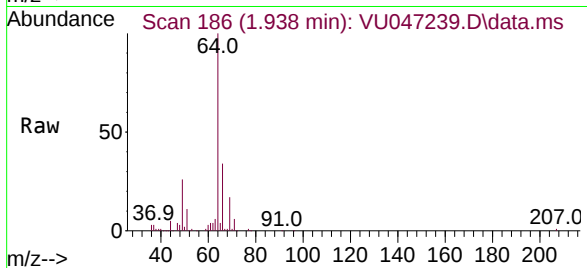




#8
Chloroethane
Concen: 52.029 ug/L
RT: 1.938 min Scan# 186
Delta R.T. -0.003 min
Lab File: VU047239.D
Acq: 22 Feb 2022 18:29

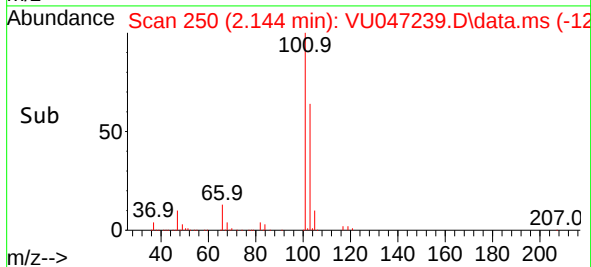
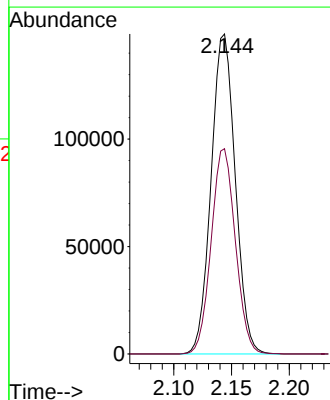
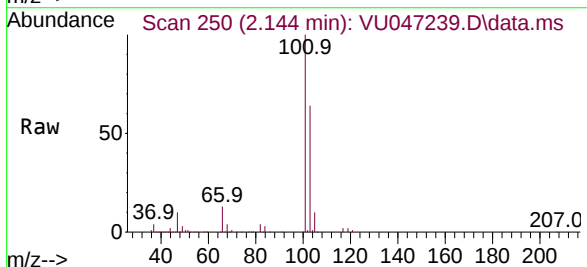
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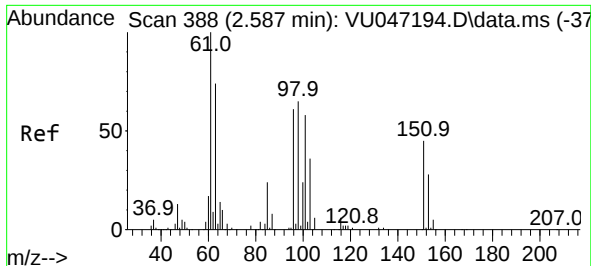
Tgt Ion: 64 Resp: 100971
Ion Ratio Lower Upper
64 100
66 33.8 24.4 45.2



#9
Trichlorofluoromethane
Concen: 55.523 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU047239.D
Acq: 22 Feb 2022 18:29

Tgt Ion:101 Resp: 216441
Ion Ratio Lower Upper
101 100
103 64.3 52.0 78.0

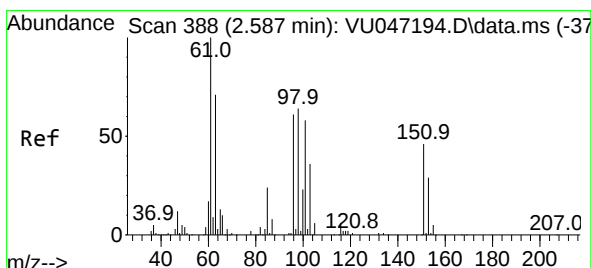
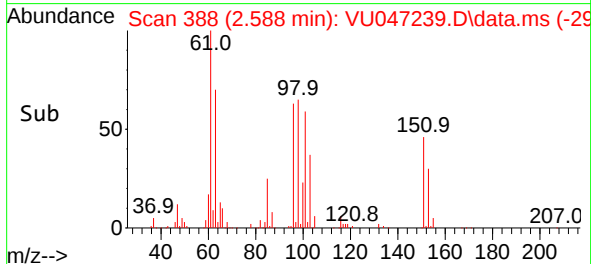
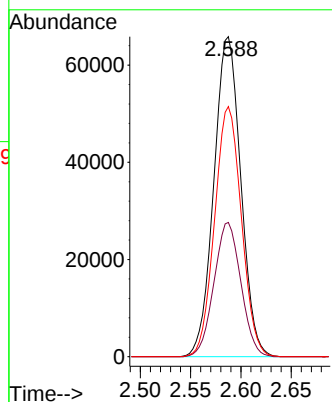
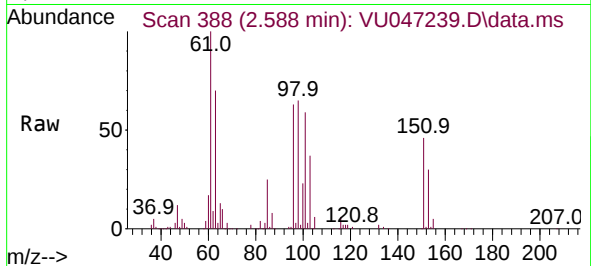




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 51.154 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU047239.D
 Acq: 22 Feb 2022 18:29

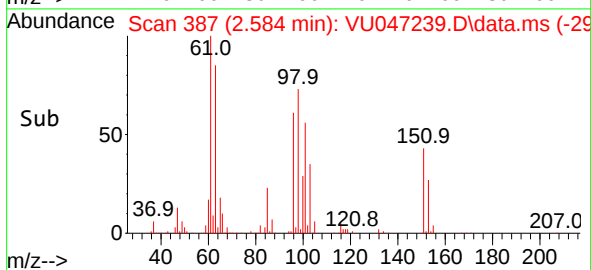
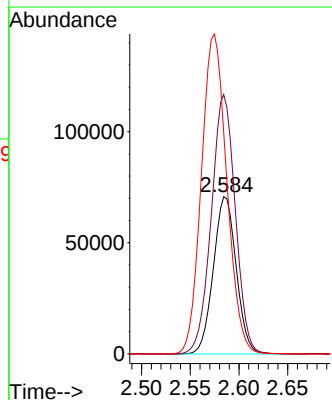
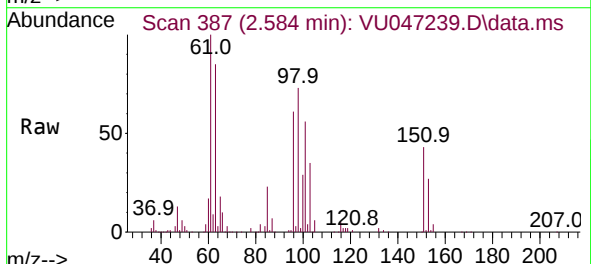
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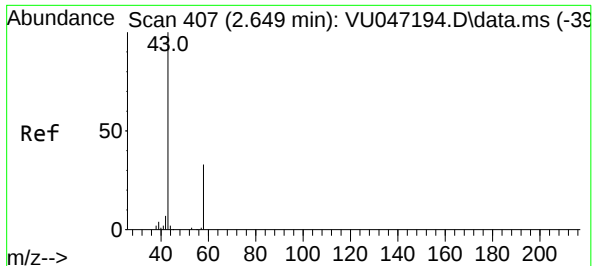
Tgt Ion:101 Resp: 122831
 Ion Ratio Lower Upper
 101 100
 85 41.8 34.9 52.3
 151 77.7 58.3 87.5



#12
 1,1-Dichloroethene
 Concen: 48.937 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.003 min
 Lab File: VU047239.D
 Acq: 22 Feb 2022 18:29

Tgt Ion: 96 Resp: 115293
 Ion Ratio Lower Upper
 96 100
 61 164.8 114.9 213.3
 63 140.7 86.0 159.8





#13

Acetone

Concen: 106.691 ug/L

RT: 2.652 min Scan# 408

Delta R.T. 0.003 min

Lab File: VU047239.D

Acq: 22 Feb 2022 18:29

Instrument :

MSVOA_U

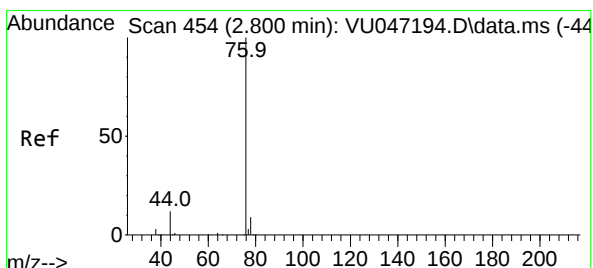
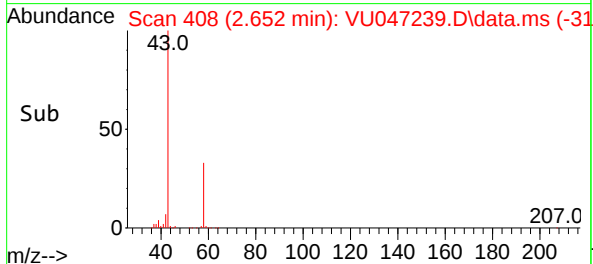
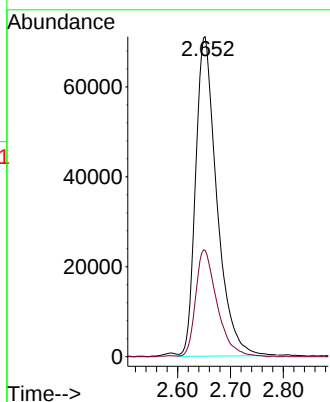
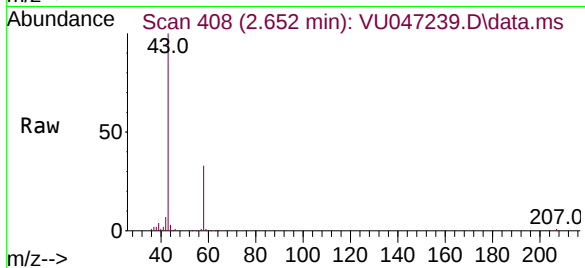
ClientSampleId :

Tgt Ion: 43 Resp: 198335

Ion Ratio Lower Upper

43 100

58 33.8 0.0 71.0



#14

Carbon disulfide

Concen: 45.339 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.000 min

Lab File: VU047239.D

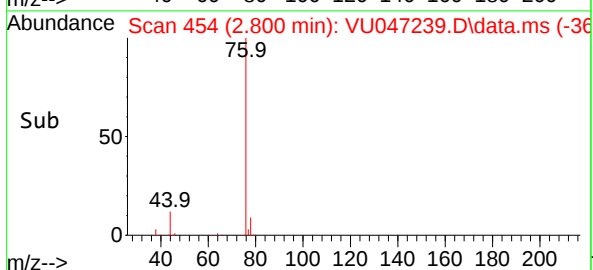
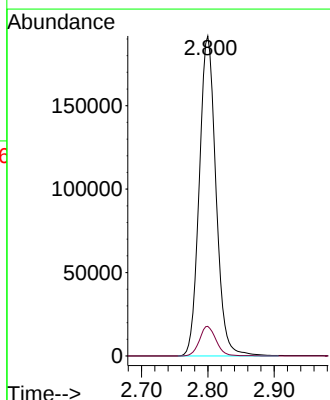
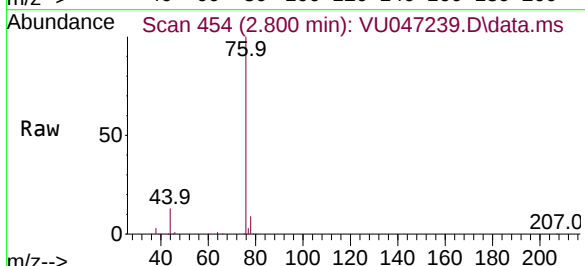
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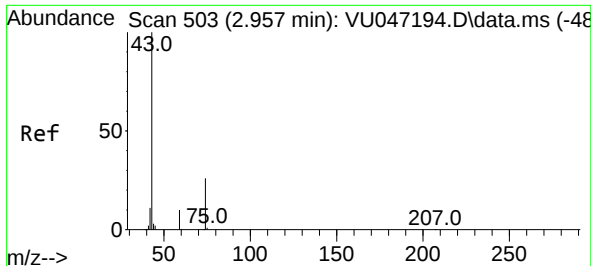
Tgt Ion: 76 Resp: 335247

Ion Ratio Lower Upper

76 100

78 9.3 7.1 10.7

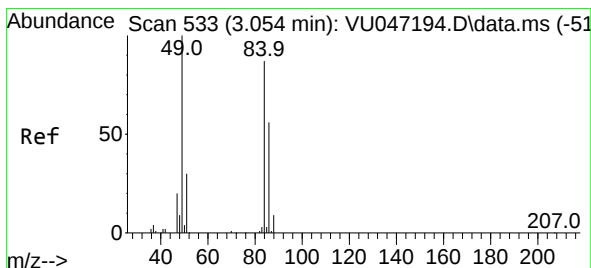
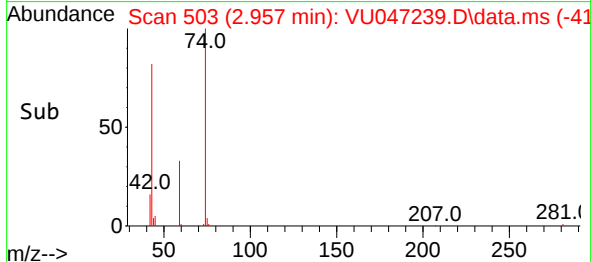
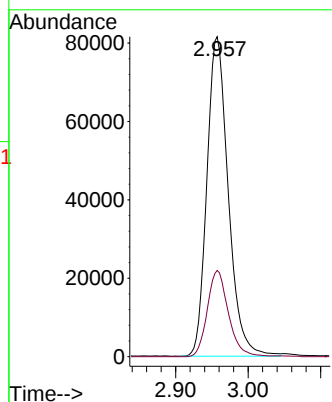
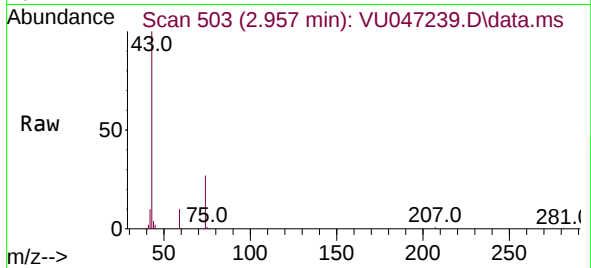




#15
Methyl Acetate
Concen: 53.383 ug/L
RT: 2.957 min Scan# 503
Delta R.T. 0.000 min
Lab File: VU047239.D
Acq: 22 Feb 2022 18:29

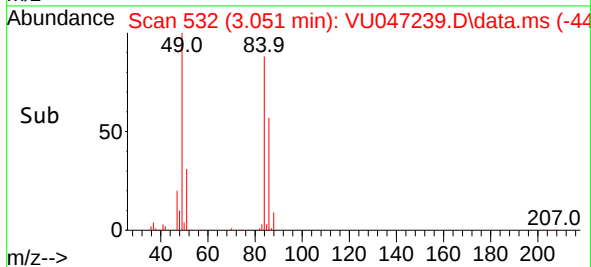
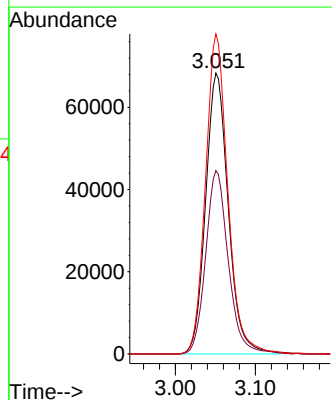
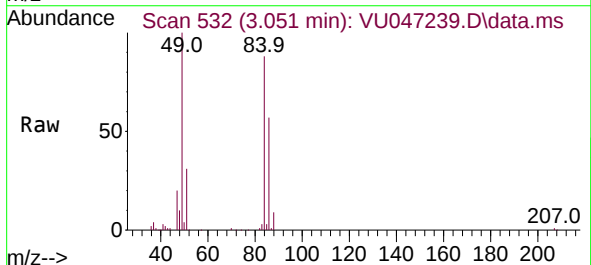
Instrument :
MSVOA_U
ClientSampleId :

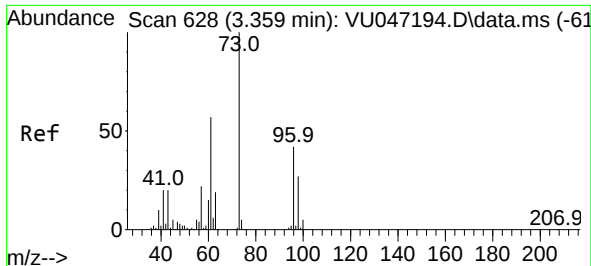
Tgt Ion: 43 Resp: 166998
Ion Ratio Lower Upper
43 100
74 26.7 22.3 33.5



#16
Methylene chloride
Concen: 51.634 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.003 min
Lab File: VU047239.D
Acq: 22 Feb 2022 18:29

Tgt Ion: 84 Resp: 134611
Ion Ratio Lower Upper
84 100
86 65.3 44.7 82.9
49 113.9 75.9 141.1

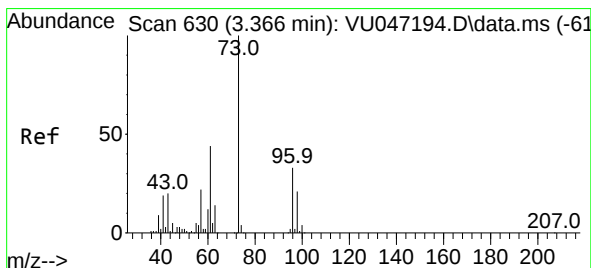
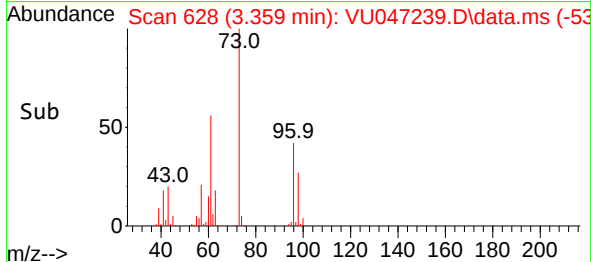
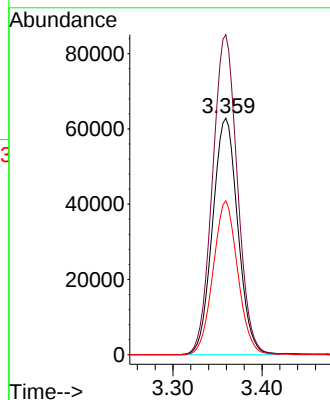
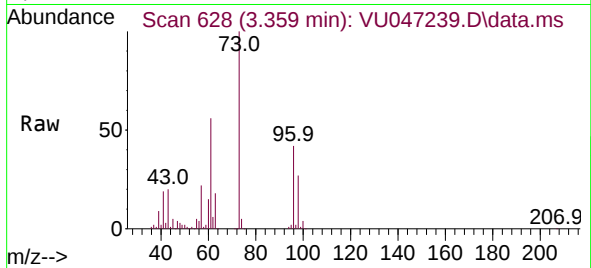




#17
trans-1,2-Dichloroethene
Concen: 50.128 ug/L
RT: 3.359 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU047239.D
Acq: 22 Feb 2022 18:29

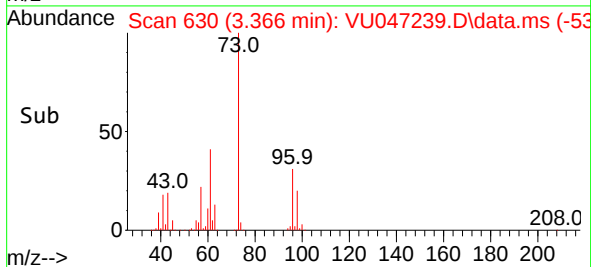
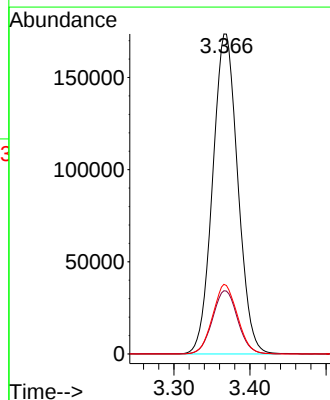
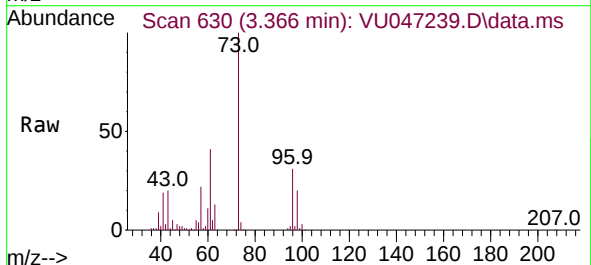
Instrument :
MSVOA_U
ClientSampleId :

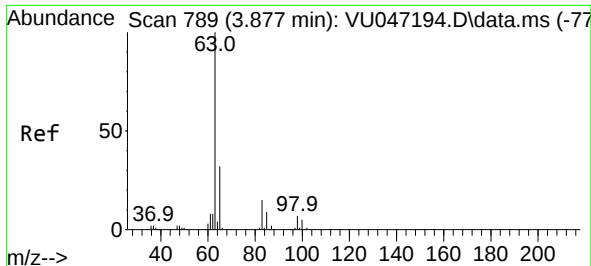
Tgt Ion: 96 Resp: 124078
Ion Ratio Lower Upper
96 100
61 135.3 92.5 171.9
98 65.0 42.4 78.6



#18
Methyl tert-butyl Ether
Concen: 47.590 ug/L
RT: 3.366 min Scan# 630
Delta R.T. 0.000 min
Lab File: VU047239.D
Acq: 22 Feb 2022 18:29

Tgt Ion: 73 Resp: 398351
Ion Ratio Lower Upper
73 100
43 19.7 14.1 21.1
57 21.4 16.4 24.6





#19

1,1-Dichloroethane

Concen: 49.247 ug/L

RT: 3.874 min Scan# 788

Delta R.T. -0.003 min

Lab File: VU047239.D

Acq: 22 Feb 2022 18:29

Instrument :

MSVOA_U

ClientSampleId :

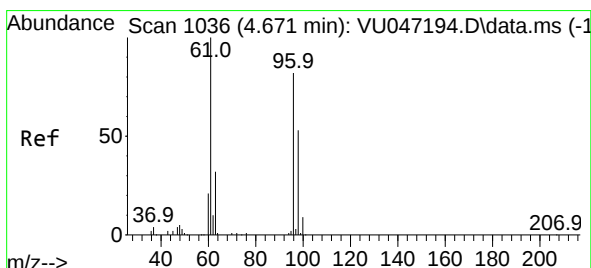
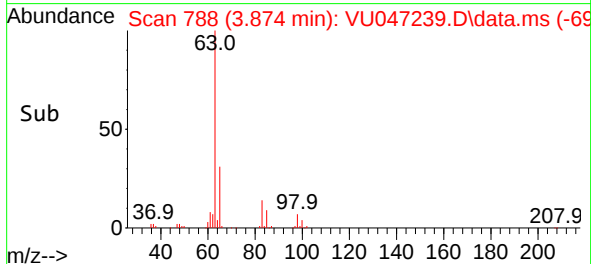
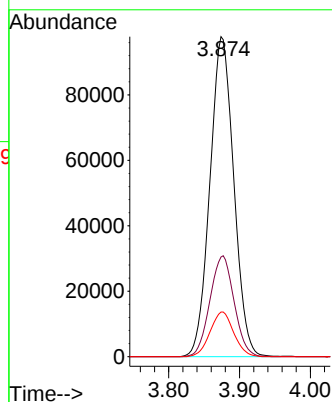
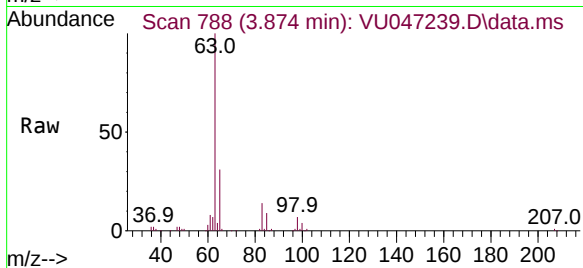
Tgt Ion: 63 Resp: 228927

Ion Ratio Lower Upper

63 100

65 31.2 22.8 42.4

83 13.9 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 52.099 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU047239.D

Acq: 22 Feb 2022 18:29

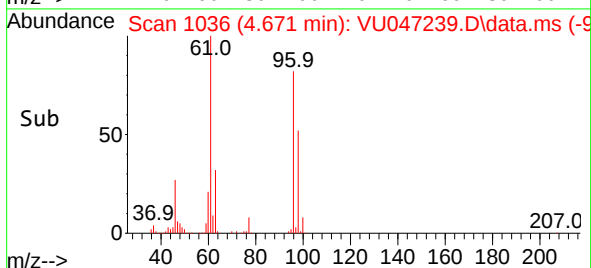
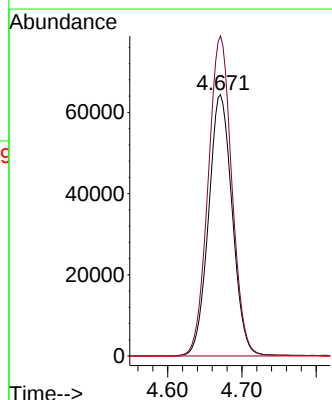
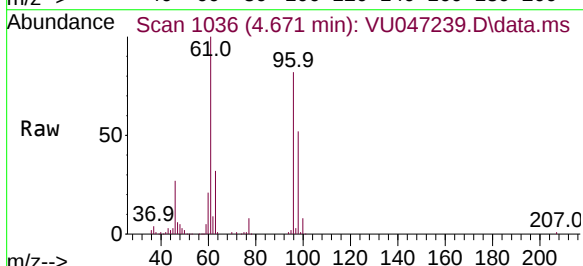
Tgt Ion: 96 Resp: 142641

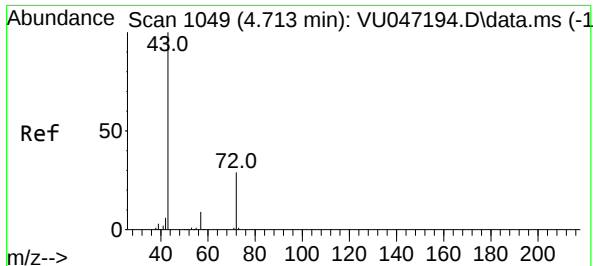
Ion Ratio Lower Upper

96 100

61 122.5 86.0 159.6

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 113.229 ug/L

RT: 4.716 min Scan# 1049

Delta R.T. 0.003 min

Lab File: VU047239.D

Acq: 22 Feb 2022 18:29

Instrument :

MSVOA_U

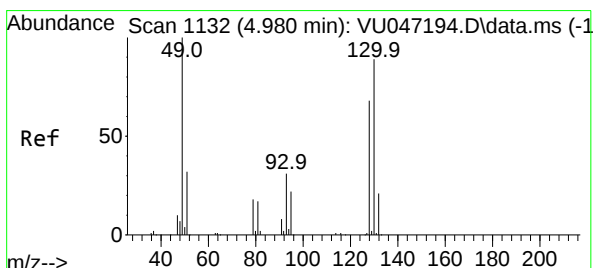
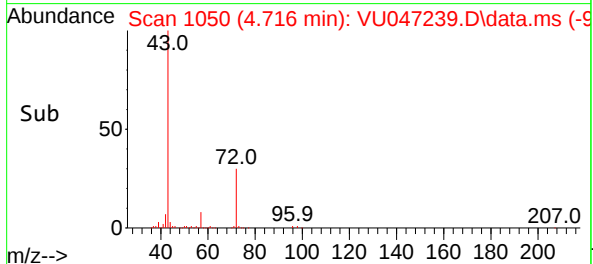
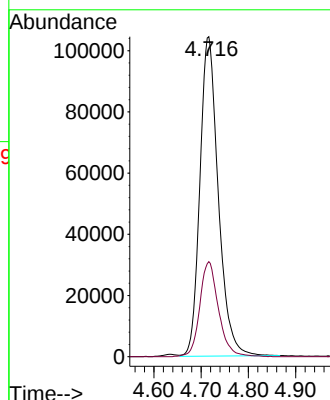
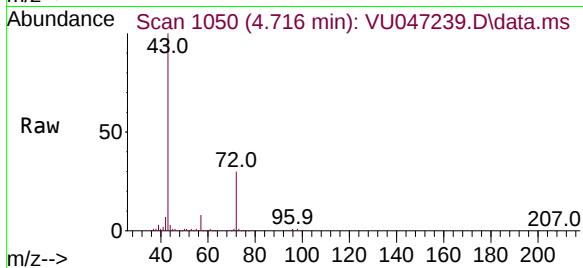
ClientSampleId :

Tgt Ion: 43 Resp: 282423

Ion Ratio Lower Upper

43 100

72 30.2 15.6 46.8



#23

Bromochloromethane

Concen: 50.983 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VU047239.D

Acq: 22 Feb 2022 18:29

Tgt Ion:128 Resp: 74025

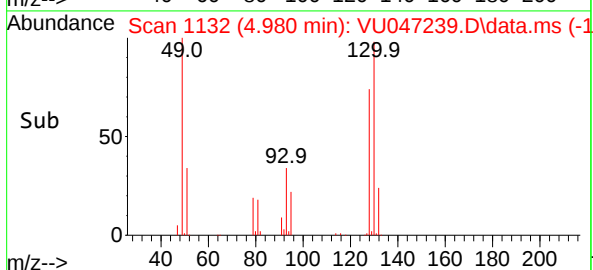
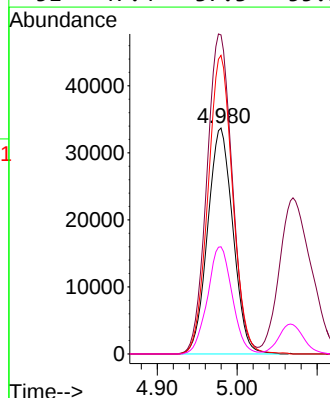
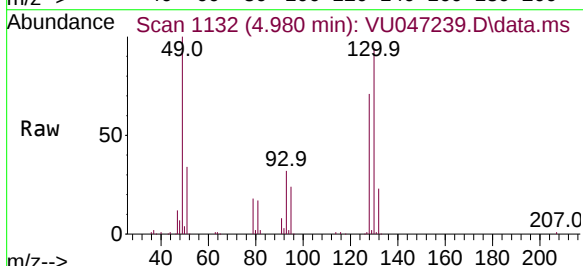
Ion Ratio Lower Upper

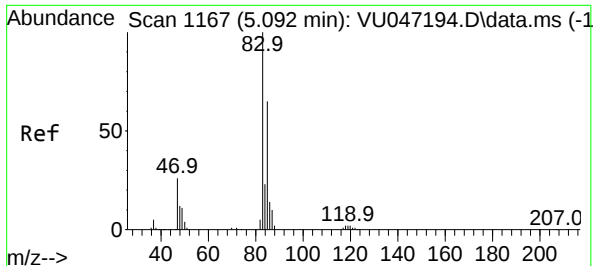
128 100

49 141.2 105.4 195.8

130 132.1 88.7 164.7

51 47.4 37.3 55.9

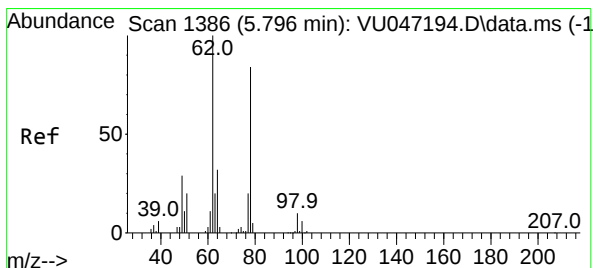
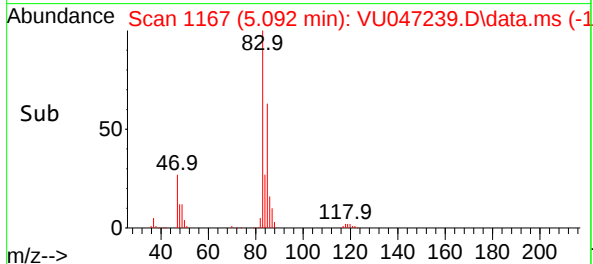
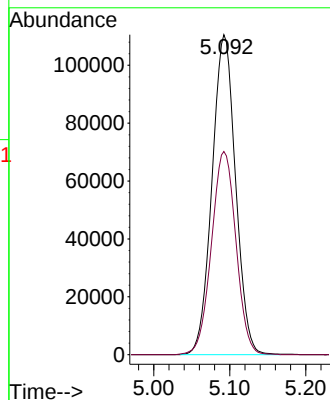
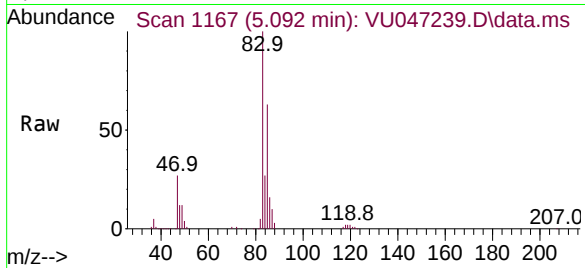




#25
Chloroform
Concen: 52.192 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VU047239.D
Acq: 22 Feb 2022 18:29

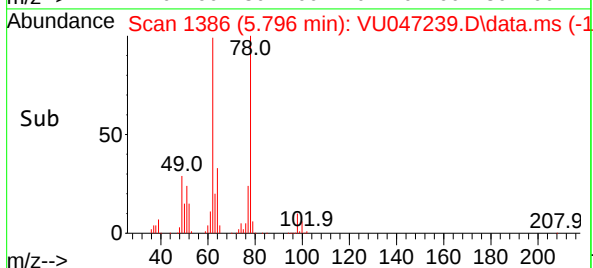
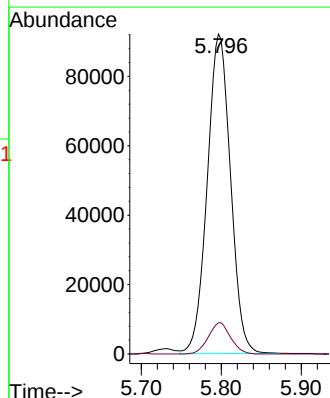
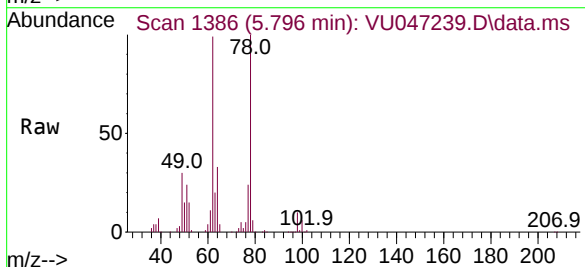
Instrument :
MSVOA_U
ClientSampleId :

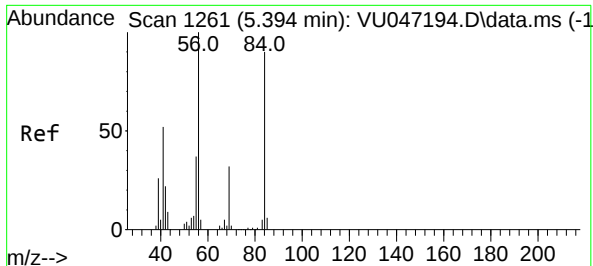
Tgt Ion: 83 Resp: 237659
Ion Ratio Lower Upper
83 100
85 63.5 45.7 84.9



#27
1,2-Dichloroethane
Concen: 51.451 ug/L
RT: 5.796 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VU047239.D
Acq: 22 Feb 2022 18:29

Tgt Ion: 62 Resp: 186159
Ion Ratio Lower Upper
62 100
98 9.7 7.7 11.5





#29

Cyclohexane

Concen: 44.030 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. -0.003 min

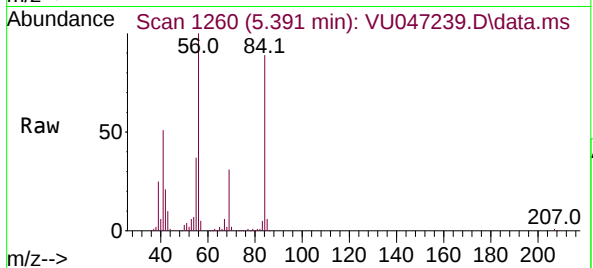
Lab File: VU047239.D

Acq: 22 Feb 2022 18:29

Instrument :

MSVOA_U

ClientSampleId :



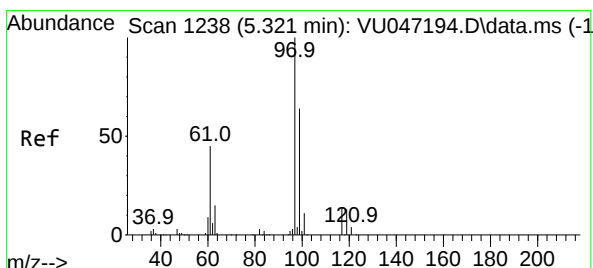
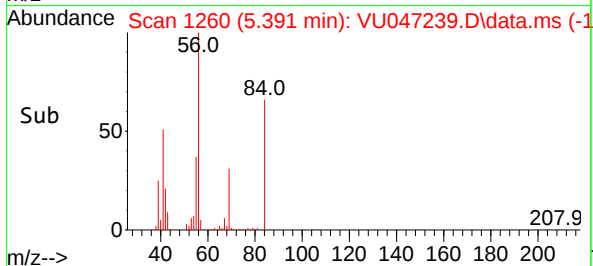
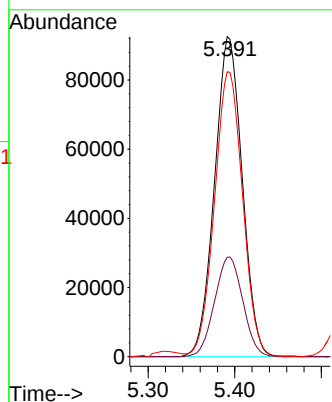
Tgt Ion: 56 Resp: 205724

Ion Ratio Lower Upper

56 100

69 31.7 25.8 38.6

84 90.4 74.2 111.2



#30

1,1,1-Trichloroethane

Concen: 48.220 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VU047239.D

Acq: 22 Feb 2022 18:29

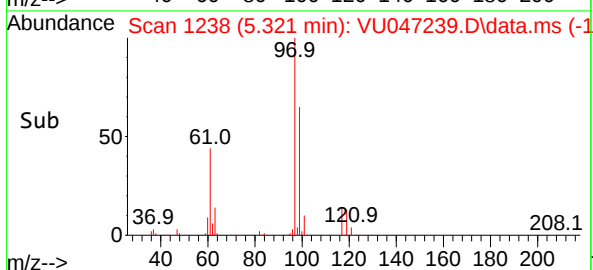
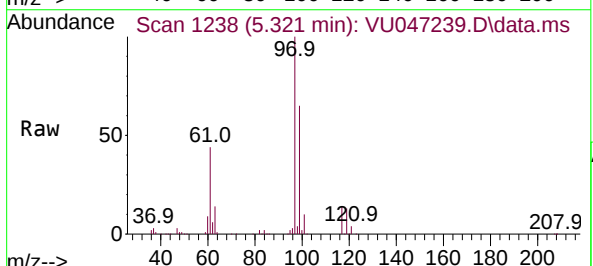
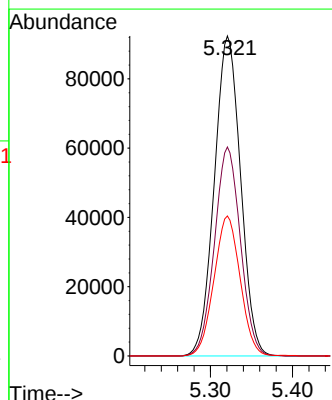
Tgt Ion: 97 Resp: 205907

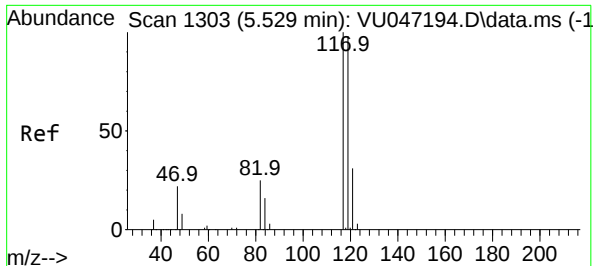
Ion Ratio Lower Upper

97 100

99 0.0 51.1 76.7#

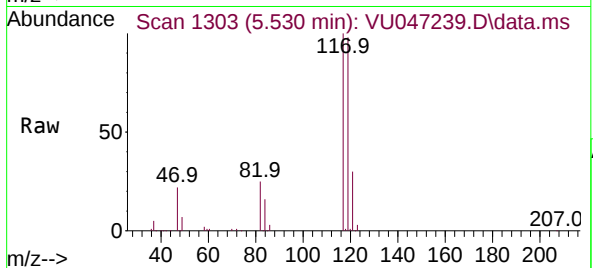
61 43.6 34.1 51.1



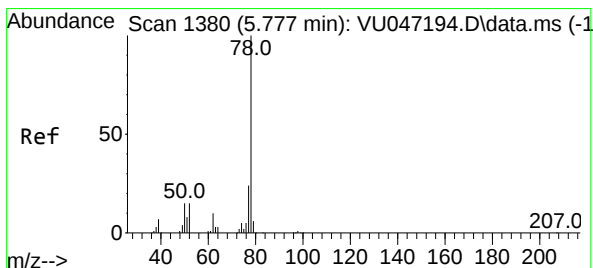
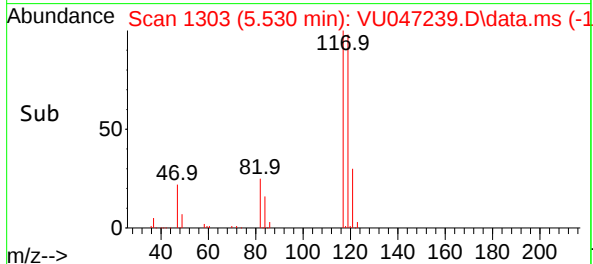
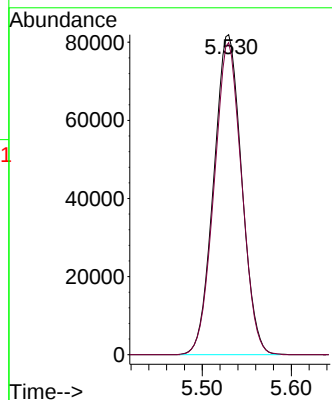


#31
Carbon tetrachloride
Concen: 48.284 ug/L
RT: 5.530 min Scan# 111
Delta R.T. 0.000 min
Lab File: VU047239.D
Acq: 22 Feb 2022 18:29

Instrument :
MSVOA_U
ClientSampleId :

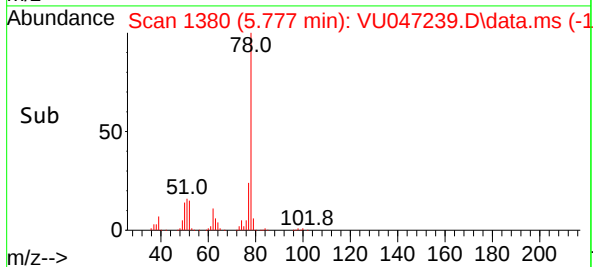
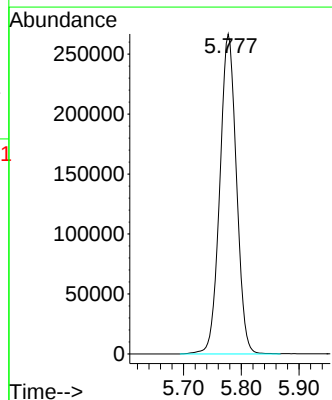
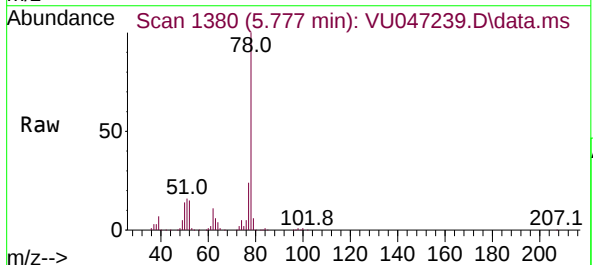


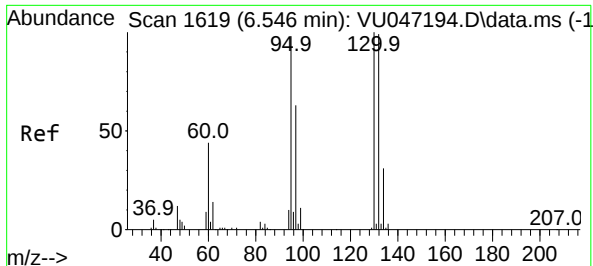
Tgt Ion:117 Resp: 178762
Ion Ratio Lower Upper
117 100
119 96.1 77.5 116.3



#33
Benzene
Concen: 48.014 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU047239.D
Acq: 22 Feb 2022 18:29

Tgt Ion: 78 Resp: 533880





#34

Trichloroethene

Concen: 47.732 ug/L

RT: 6.546 min Scan# 1

Delta R.T. 0.000 min

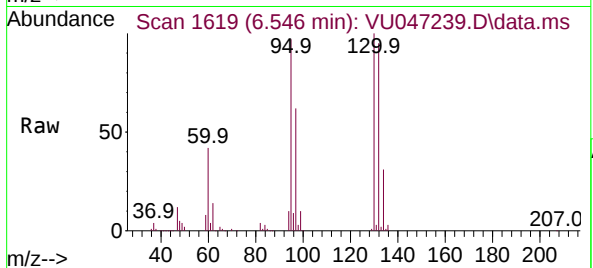
Lab File: VU047239.D

Acq: 22 Feb 2022 18:29

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 137869

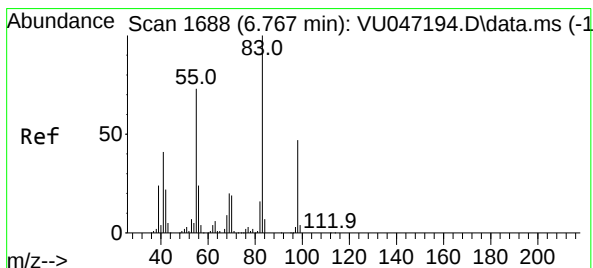
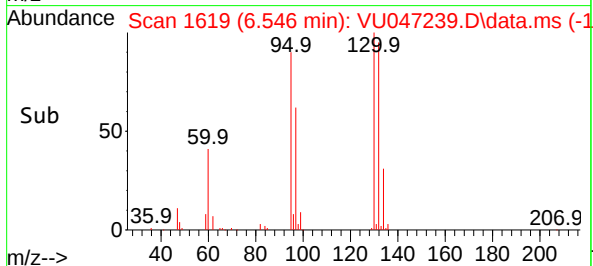
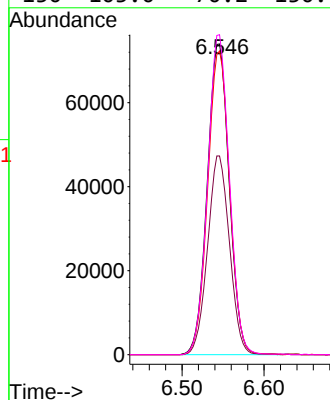
Ion Ratio Lower Upper

95 100

97 64.0 45.1 83.7

132 97.7 66.7 123.9

130 103.0 70.2 130.4



#35

Methylcyclohexane

Concen: 45.292 ug/L

RT: 6.764 min Scan# 1687

Delta R.T. -0.003 min

Lab File: VU047239.D

Acq: 22 Feb 2022 18:29

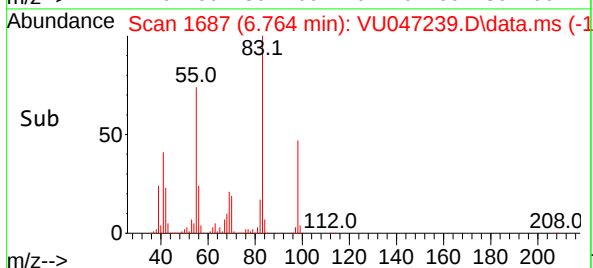
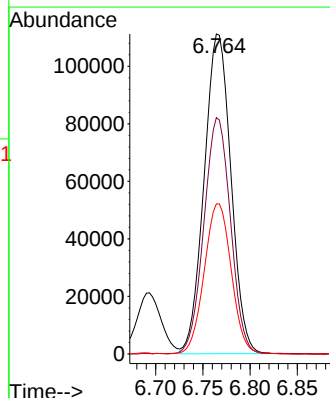
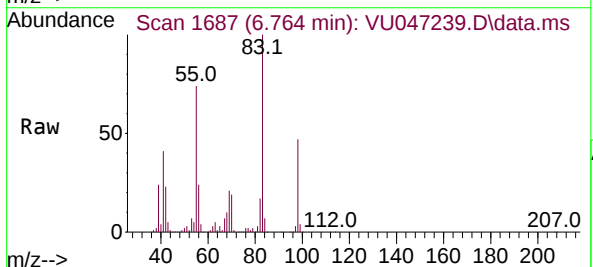
Tgt Ion: 83 Resp: 219505

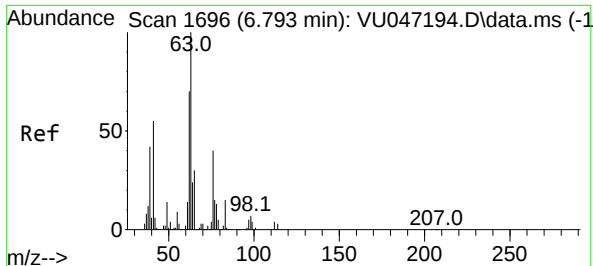
Ion Ratio Lower Upper

83 100

55 73.5 56.6 85.0

98 47.3 38.4 57.6





#37

1,2-Dichloropropane

Concen: 46.412 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU047239.D

Acq: 22 Feb 2022 18:29

Instrument :

MSVOA_U

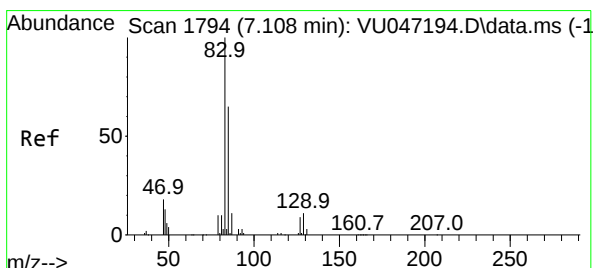
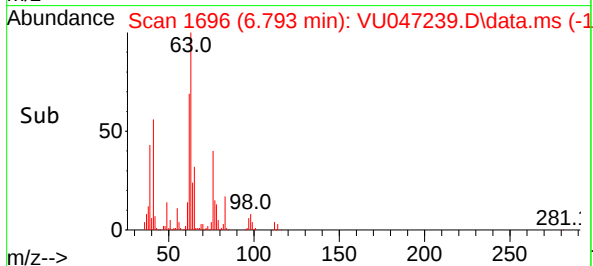
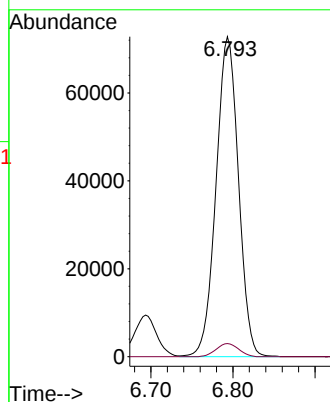
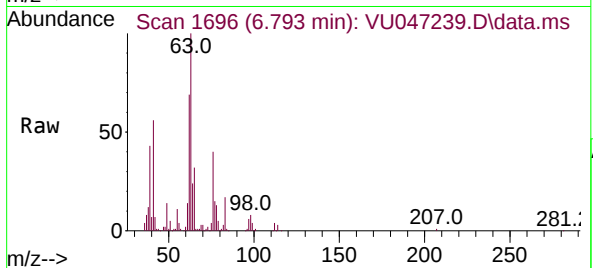
ClientSampleId :

Tgt Ion: 63 Resp: 138236

Ion Ratio Lower Upper

63 100

112 4.1 3.7 5.5



#38

Bromodichloromethane

Concen: 48.180 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU047239.D

Acq: 22 Feb 2022 18:29

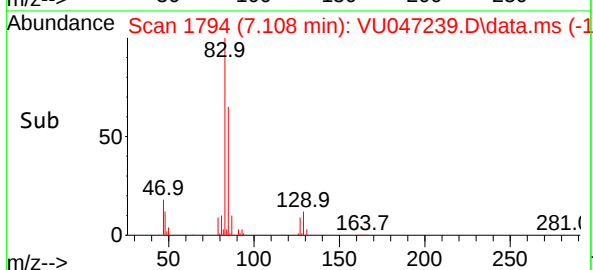
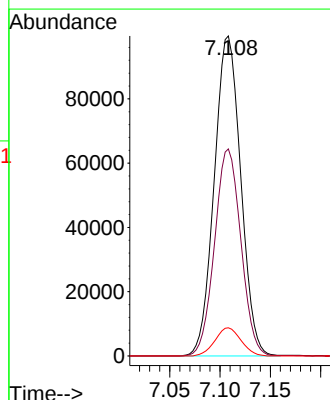
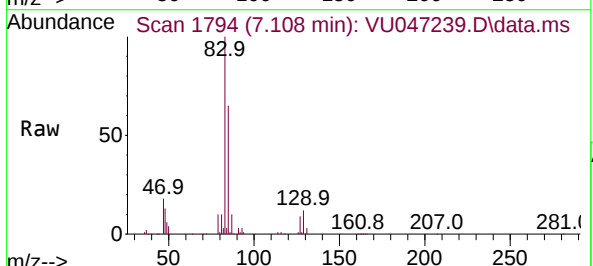
Tgt Ion: 83 Resp: 182902

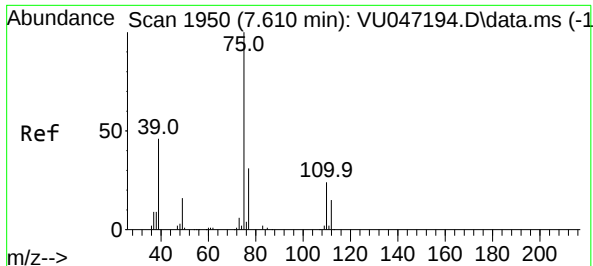
Ion Ratio Lower Upper

83 100

85 64.7 45.0 83.6

127 8.8 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 46.667 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU047239.D

Acq: 22 Feb 2022 18:29

Instrument :

MSVOA_U

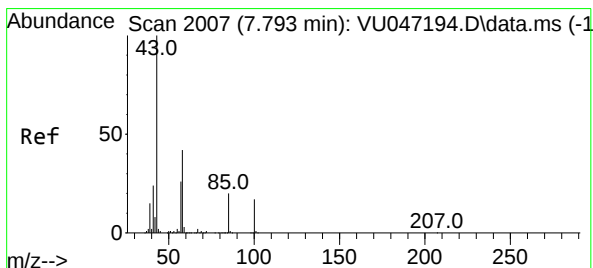
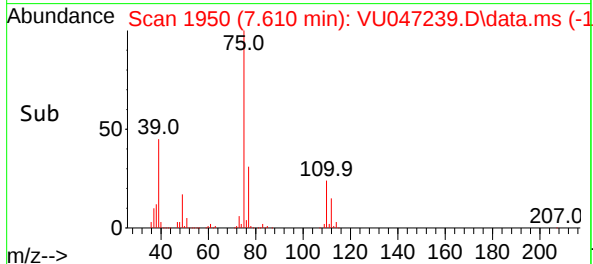
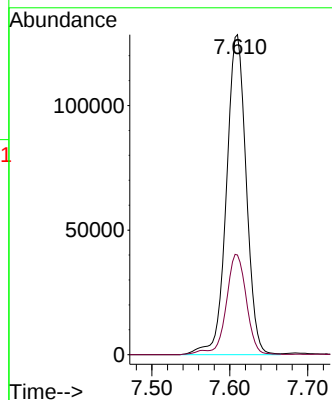
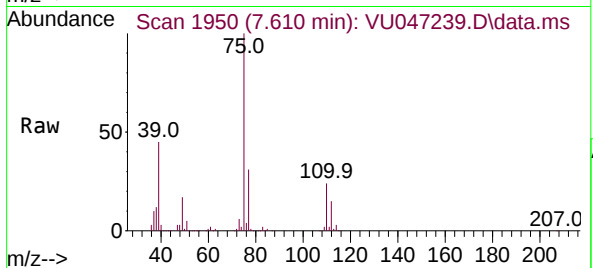
ClientSampleId :

Tgt Ion: 75 Resp: 225904

Ion Ratio Lower Upper

75 100

77 31.2 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 98.761 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU047239.D

Acq: 22 Feb 2022 18:29

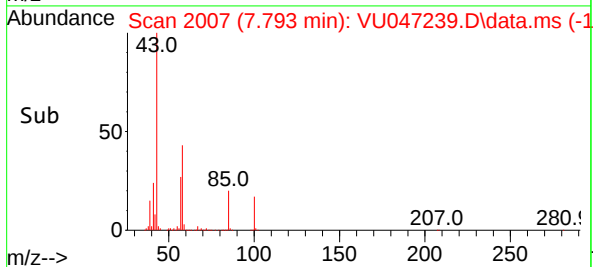
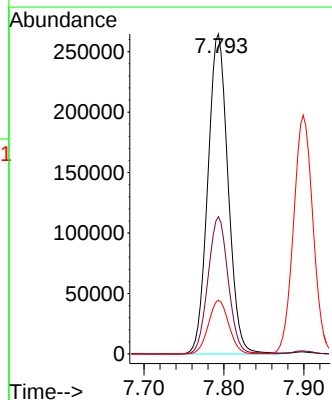
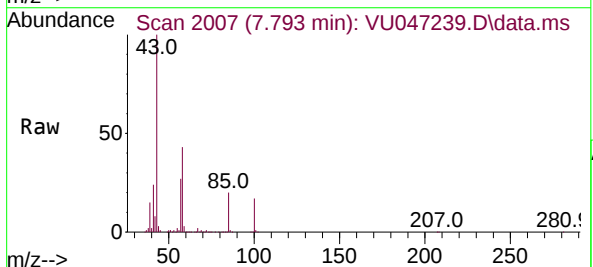
Tgt Ion: 43 Resp: 465817

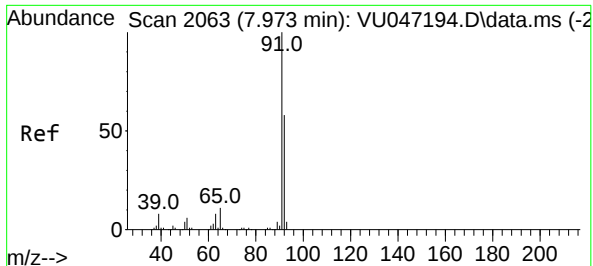
Ion Ratio Lower Upper

43 100

58 42.9 35.8 53.8

100 16.9 15.7 23.5





#42

Toluene

Concen: 47.906 ug/L

RT: 7.970 min Scan# 2063

Delta R.T. -0.003 min

Lab File: VU047239.D

Acq: 22 Feb 2022 18:29

Instrument :

MSVOA_U

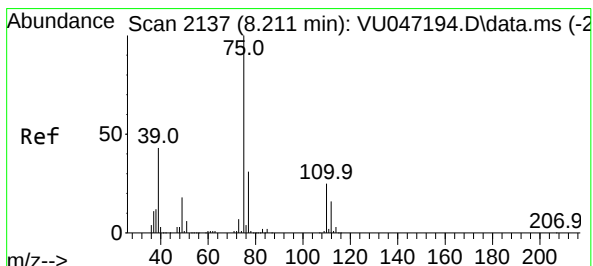
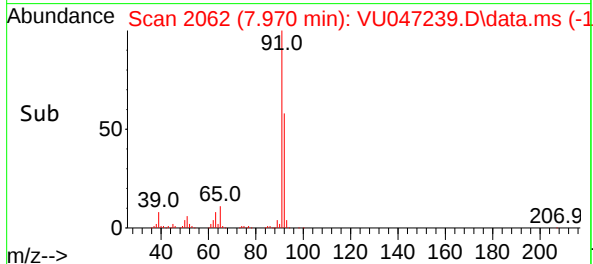
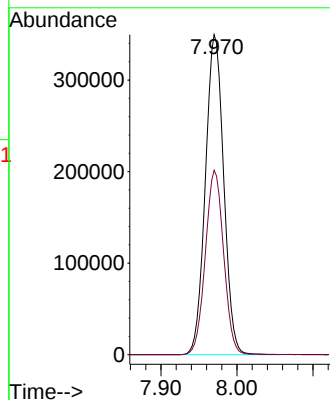
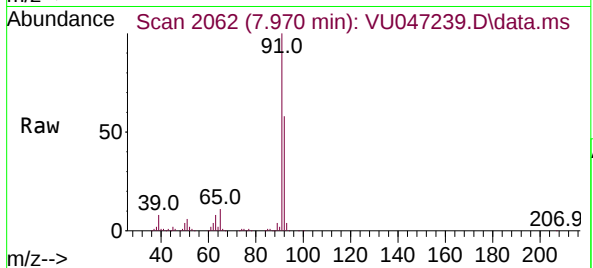
ClientSampleId :

Tgt Ion: 91 Resp: 585081

Ion Ratio Lower Upper

91 100

92 57.6 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 46.559 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU047239.D

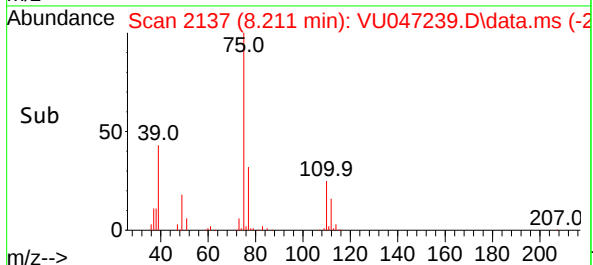
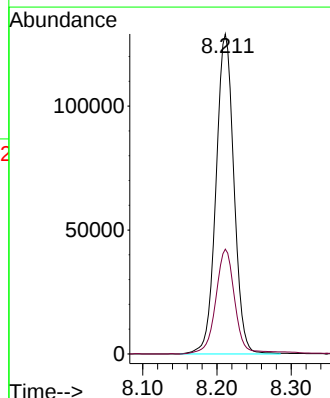
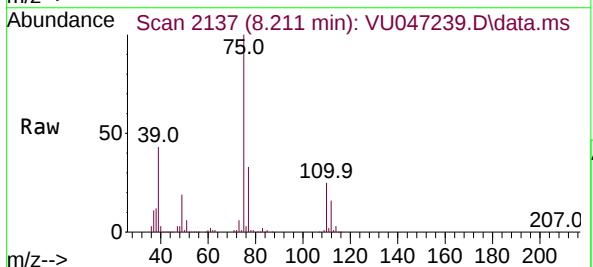
Acq: 22 Feb 2022 18:29

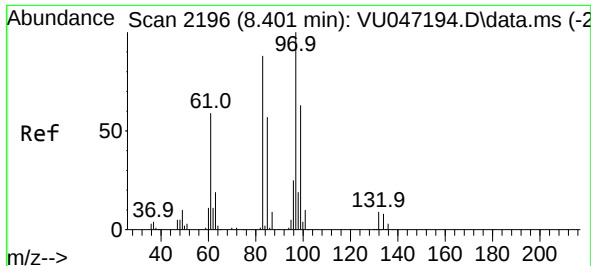
Tgt Ion: 75 Resp: 216556

Ion Ratio Lower Upper

75 100

77 32.7 23.0 42.8



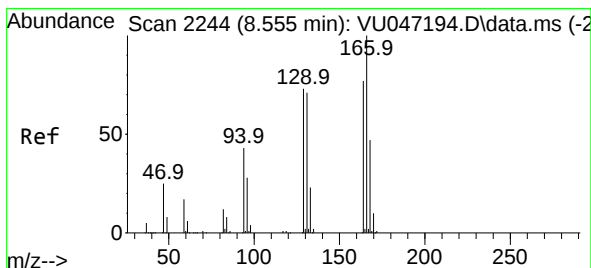
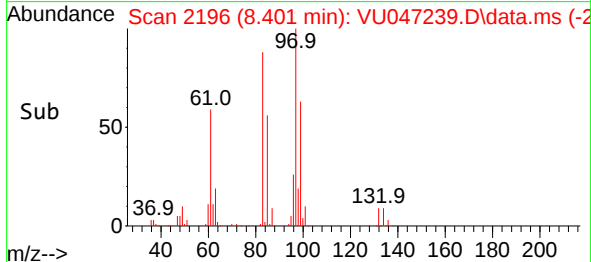
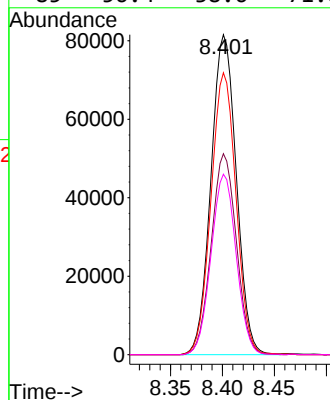
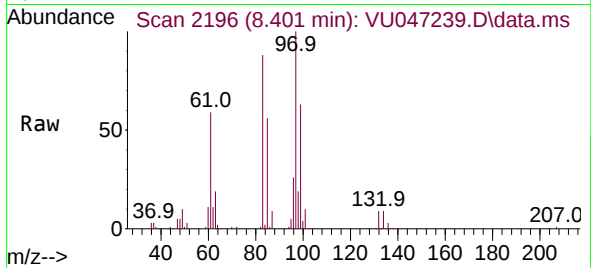


#45
1,1,2-Trichloroethane
Concen: 49.394 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU047239.D
Acq: 22 Feb 2022 18:29

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 138563

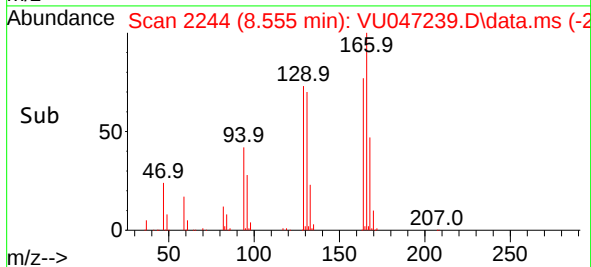
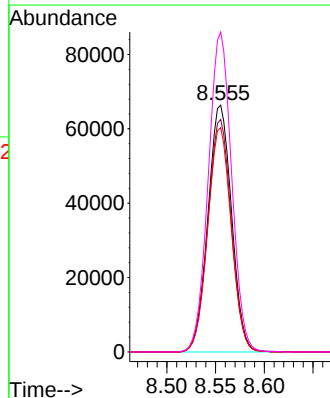
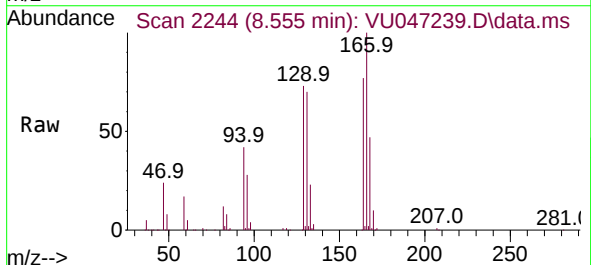
Ion	Ratio	Lower	Upper
97	100		
99	62.8	42.4	78.8
83	88.1	59.4	110.4
85	56.4	38.6	71.8

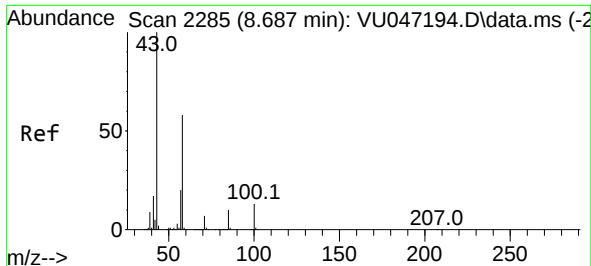


#46
Tetrachloroethene
Concen: 48.209 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU047239.D
Acq: 22 Feb 2022 18:29

Tgt Ion: 164 Resp: 112015

Ion	Ratio	Lower	Upper
164	100		
129	94.1	69.5	129.1
131	90.9	67.0	124.4
166	129.6	90.6	168.2

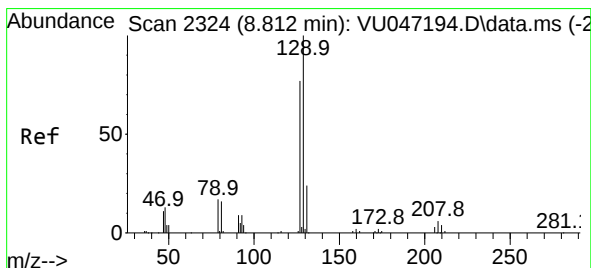
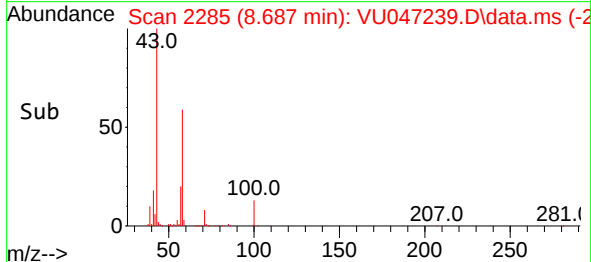
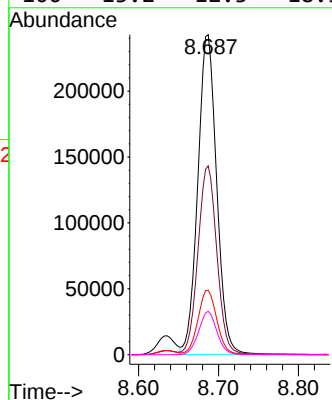
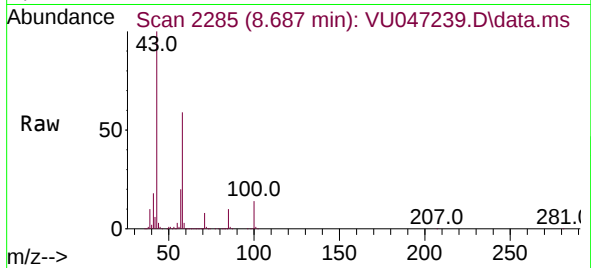




#48
2-Hexanone
Concen: 102.063 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047239.D
Acq: 22 Feb 2022 18:29

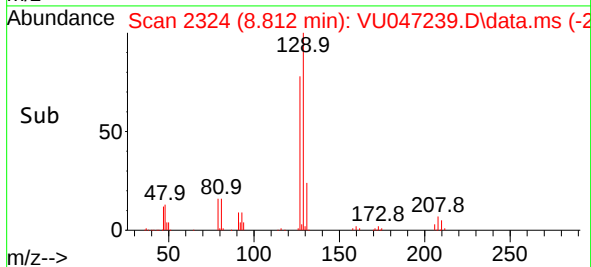
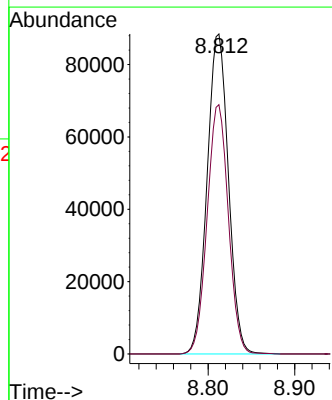
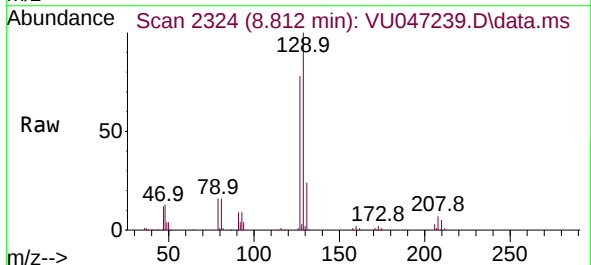
Instrument :
MSVOA_U
ClientSampleId :

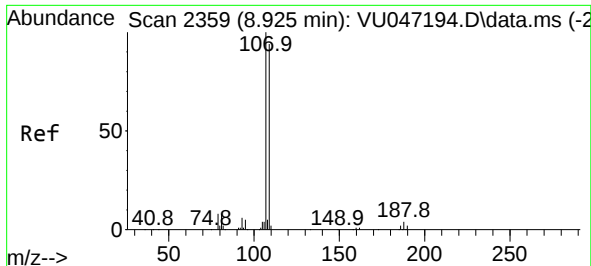
Tgt Ion: 43 Resp: 398107
Ion Ratio Lower Upper
43 100
58 58.9 49.4 74.2
57 20.3 17.5 26.3
100 13.2 12.3 18.5



#49
Dibromochloromethane
Concen: 46.615 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU047239.D
Acq: 22 Feb 2022 18:29

Tgt Ion: 129 Resp: 151292
Ion Ratio Lower Upper
129 100
127 77.9 54.5 101.3





#50

1,2-Dibromoethane

Concen: 49.676 ug/L

RT: 8.925 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU047239.D

Acq: 22 Feb 2022 18:29

Instrument :

MSVOA_U

ClientSampleId :

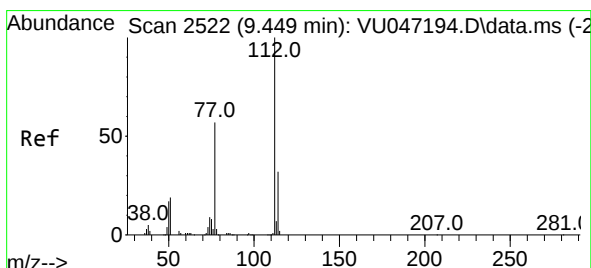
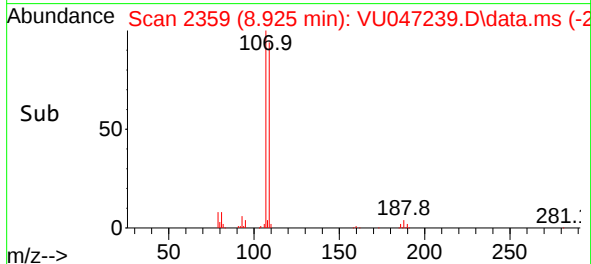
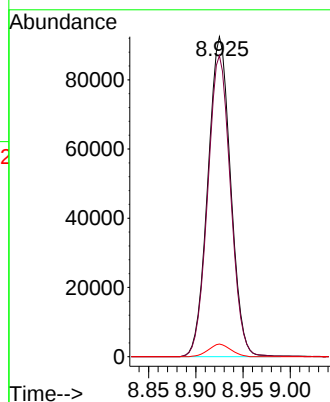
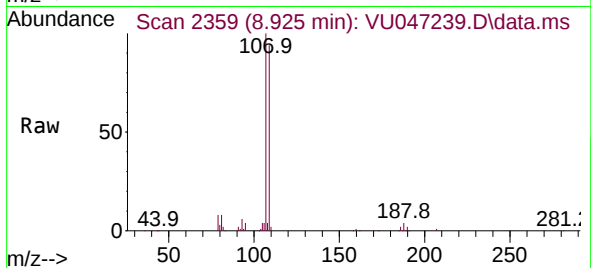
Tgt Ion:107 Resp: 154800

Ion Ratio Lower Upper

107 100

109 94.1 65.6 121.8

188 4.0 3.1 4.7



#51

Chlorobenzene

Concen: 47.487 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. 0.000 min

Lab File: VU047239.D

Acq: 22 Feb 2022 18:29

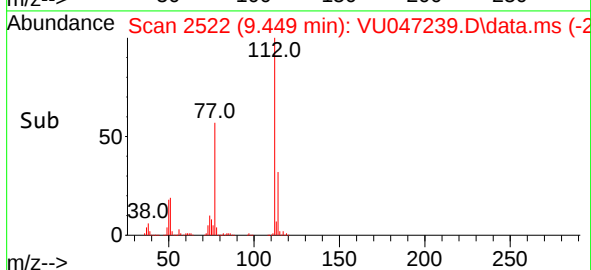
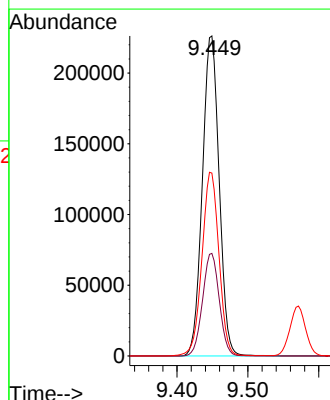
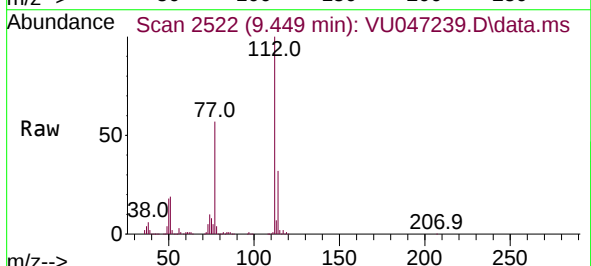
Tgt Ion:112 Resp: 371877

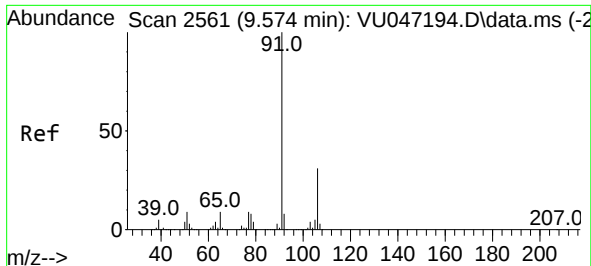
Ion Ratio Lower Upper

112 100

114 32.0 22.1 41.1

77 57.1 46.5 69.7

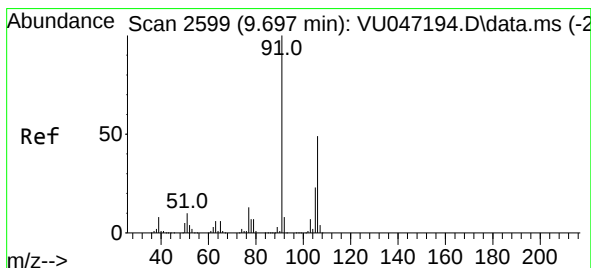
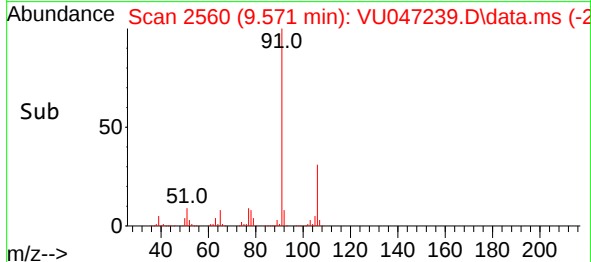
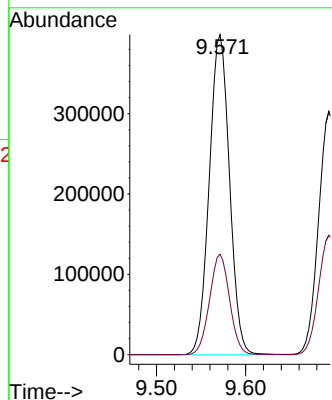
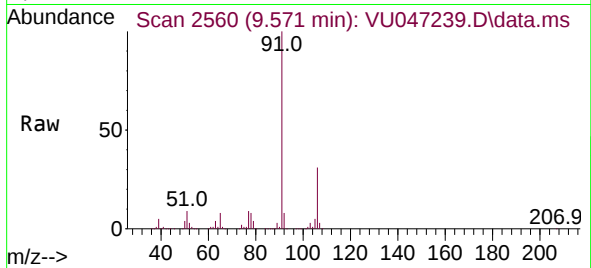




#52
Ethylbenzene
Concen: 46.989 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.003 min
Lab File: VU047239.D
Acq: 22 Feb 2022 18:29

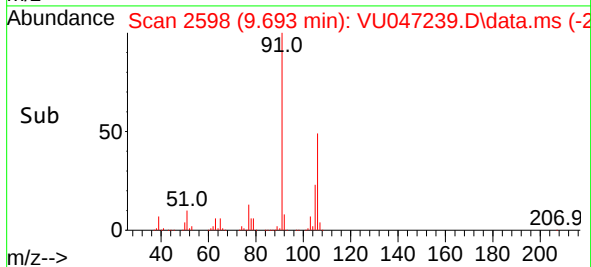
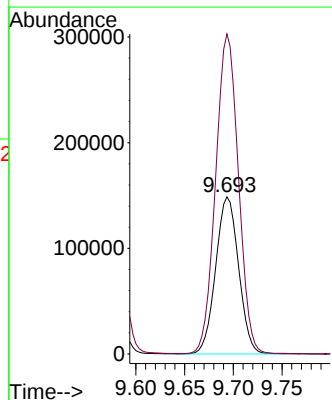
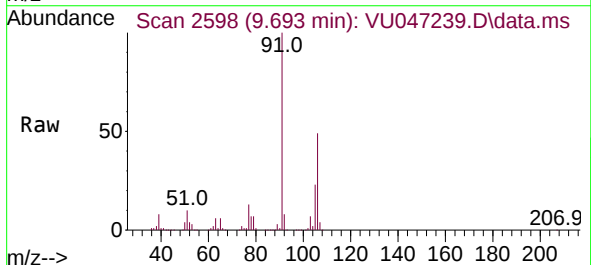
Instrument :
MSVOA_U
ClientSampleId :

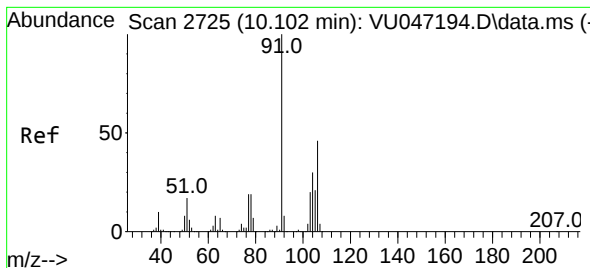
Tgt Ion: 91 Resp: 628082
Ion Ratio Lower Upper
91 100
106 31.4 21.8 40.4



#53
m,p-Xylene
Concen: 45.903 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU047239.D
Acq: 22 Feb 2022 18:29

Tgt Ion:106 Resp: 243436
Ion Ratio Lower Upper
106 100
91 203.6 145.5 270.1





#54

o-xylene

Concen: 45.418 ug/L

RT: 10.102 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU047239.D

Acq: 22 Feb 2022 18:29

Instrument :

MSVOA_U

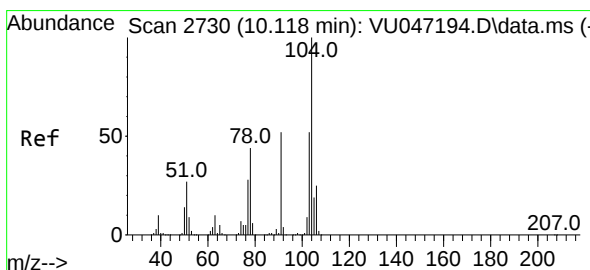
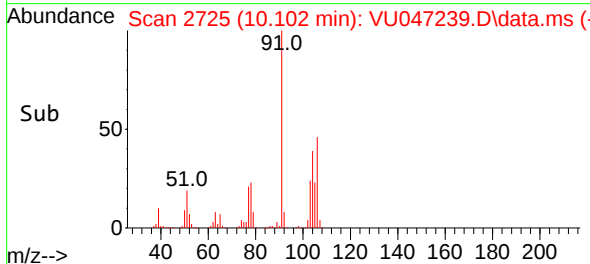
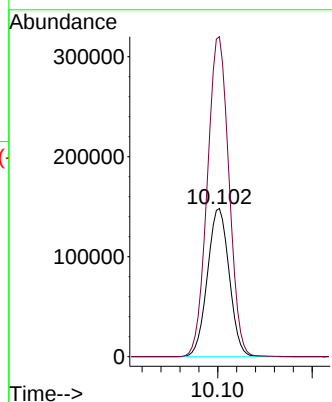
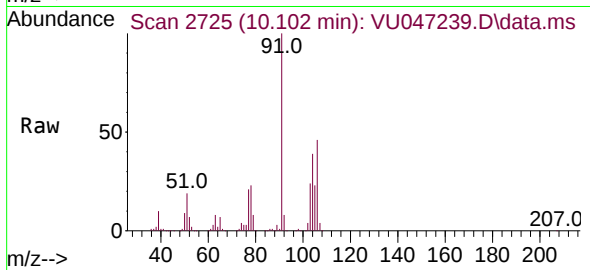
ClientSampleId :

Tgt Ion:106 Resp: 237155

Ion Ratio Lower Upper

106 100

91 216.1 152.0 282.2



#55

Styrene

Concen: 45.899 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. -0.003 min

Lab File: VU047239.D

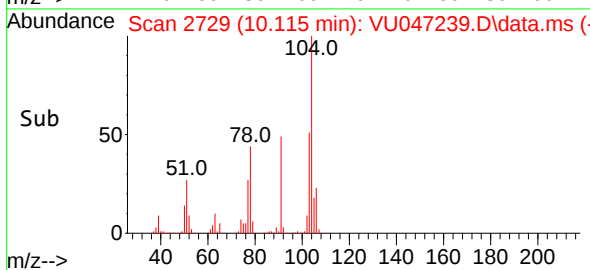
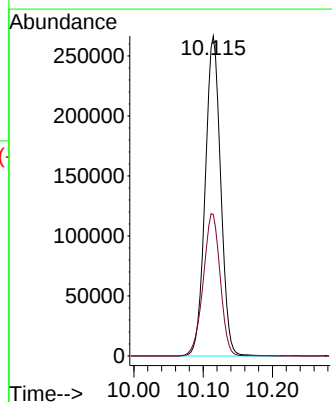
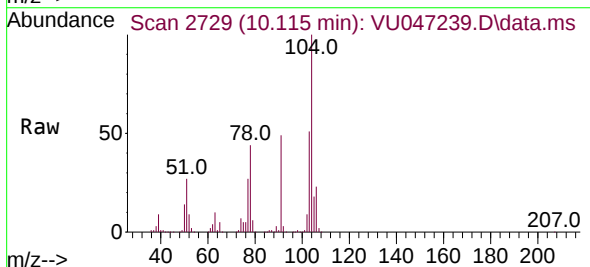
Acq: 22 Feb 2022 18:29

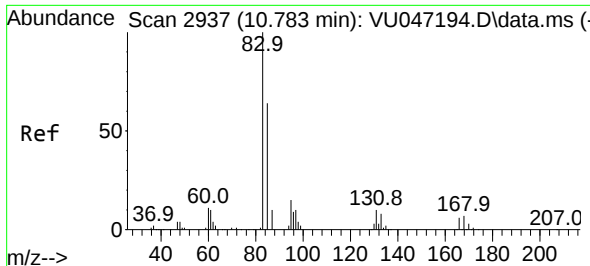
Tgt Ion:104 Resp: 412389

Ion Ratio Lower Upper

104 100

78 44.2 32.6 60.6

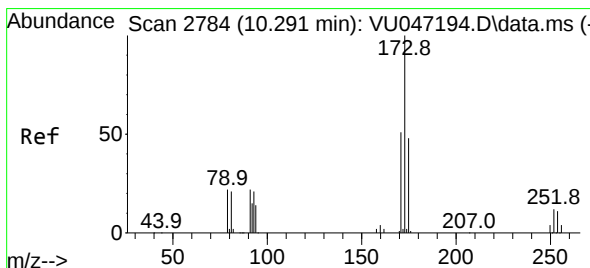
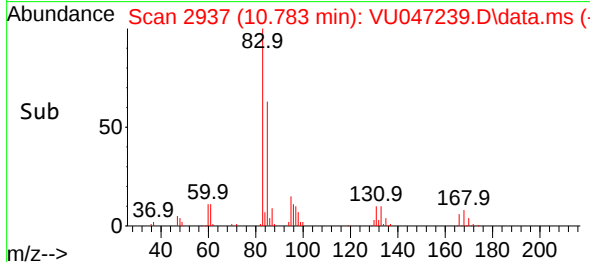
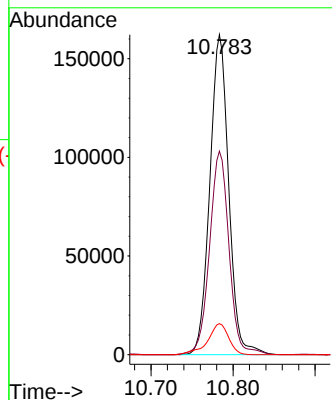
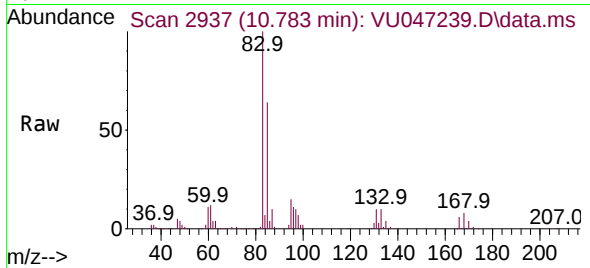




#57
1,1,2,2-Tetrachloroethane
Concen: 52.544 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU047239.D
Acq: 22 Feb 2022 18:29

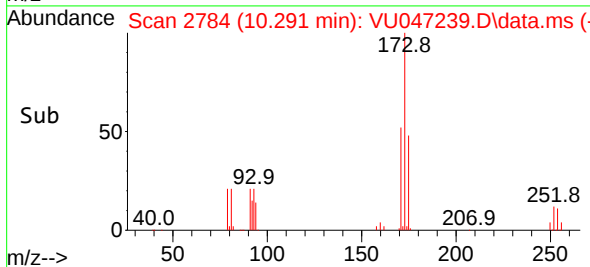
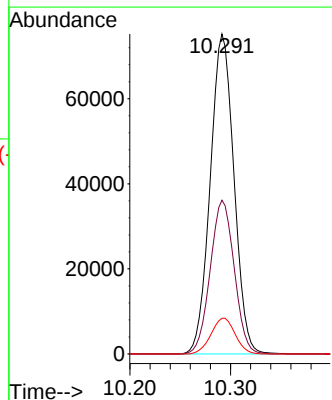
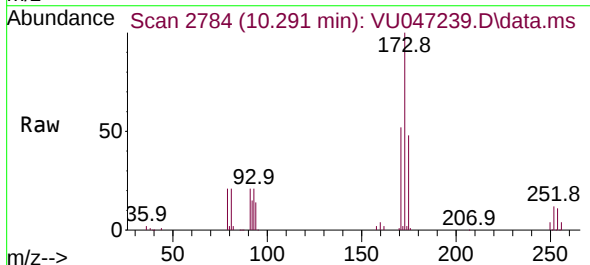
Instrument :
MSVOA_U
ClientSampleId :

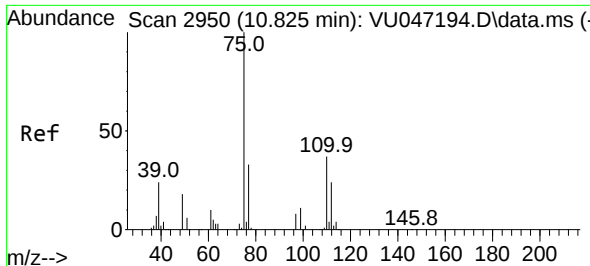
Tgt Ion: 83 Resp: 259857
Ion Ratio Lower Upper
83 100
85 63.6 44.7 83.1
131 9.7 7.8 11.6



#59
Bromoform
Concen: 43.811 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. 0.000 min
Lab File: VU047239.D
Acq: 22 Feb 2022 18:29

Tgt Ion:173 Resp: 123338
Ion Ratio Lower Upper
173 100
175 48.5 37.6 56.4
254 11.4 8.1 12.1

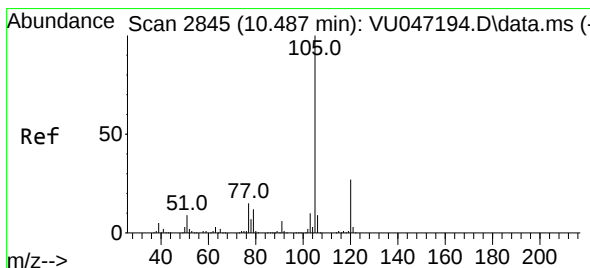
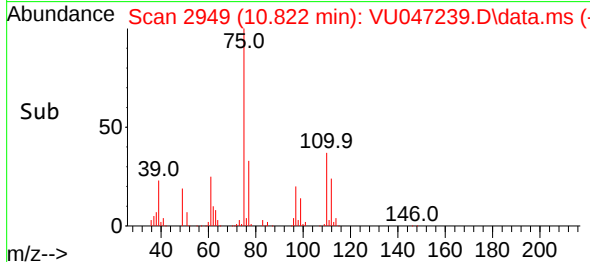
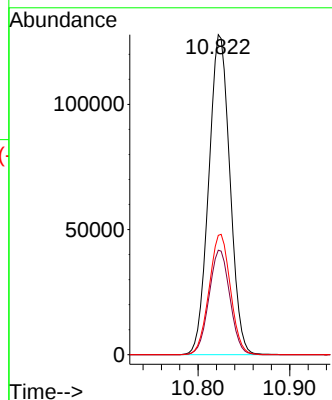
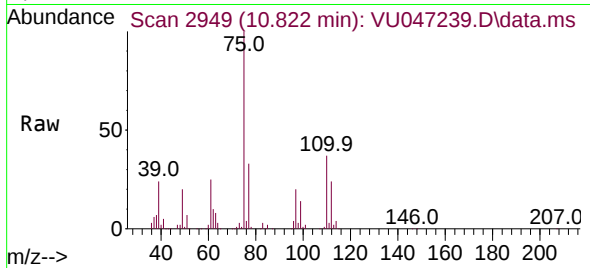




#60
1,2,3-Trichloropropane
Concen: 46.369 ug/L
RT: 10.822 min Scan# 2950
Delta R.T. -0.003 min
Lab File: VU047239.D
Acq: 22 Feb 2022 18:29

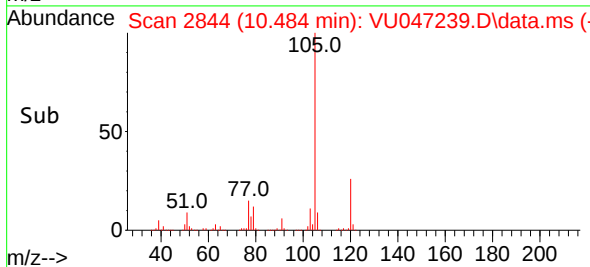
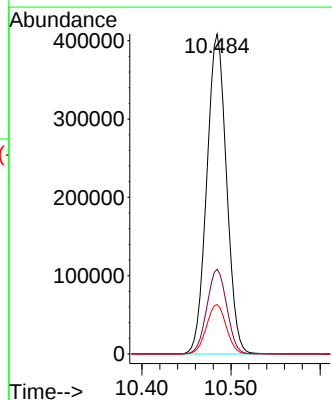
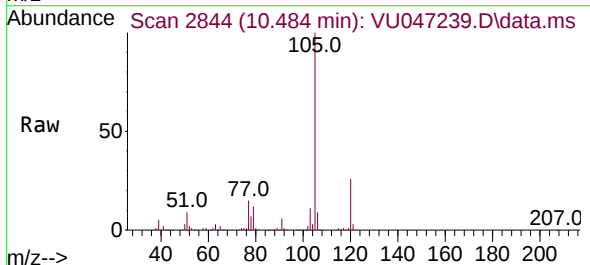
Instrument :
MSVOA_U
ClientSampleId :

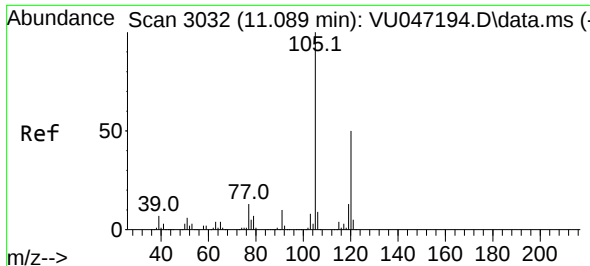
Tgt Ion: 75 Resp: 204974
Ion Ratio Lower Upper
75 100
77 32.3 26.2 39.2
110 37.9 32.5 48.7



#61
Isopropylbenzene
Concen: 42.962 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.003 min
Lab File: VU047239.D
Acq: 22 Feb 2022 18:29

Tgt Ion: 105 Resp: 626278
Ion Ratio Lower Upper
105 100
120 26.8 20.6 31.0
77 15.5 12.6 18.8

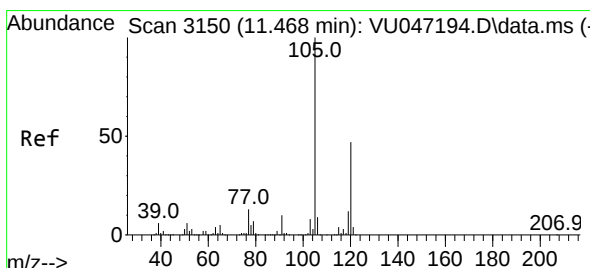
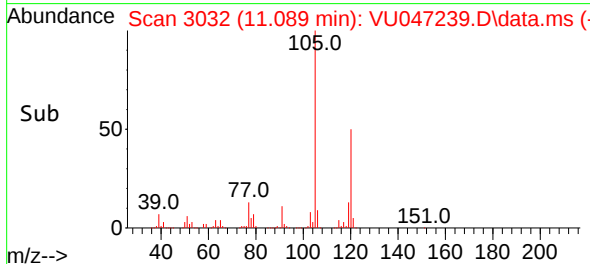
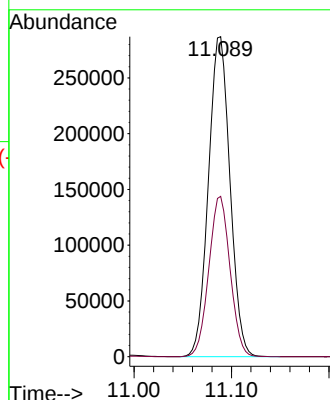
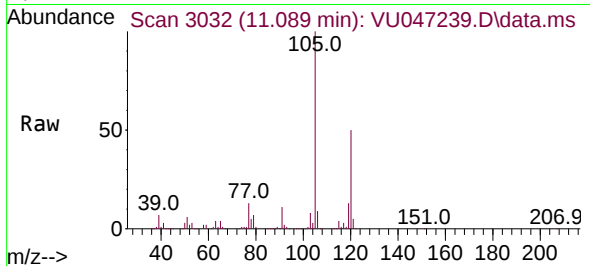




#62
1,3,5-Trimethylbenzene
Concen: 42.731 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU047239.D
Acq: 22 Feb 2022 18:29

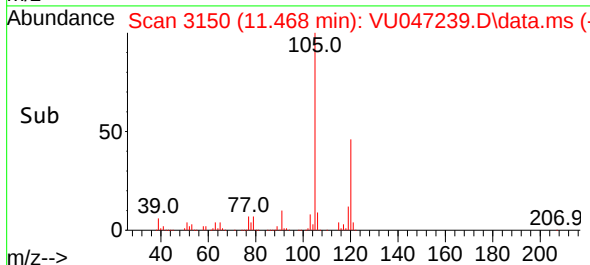
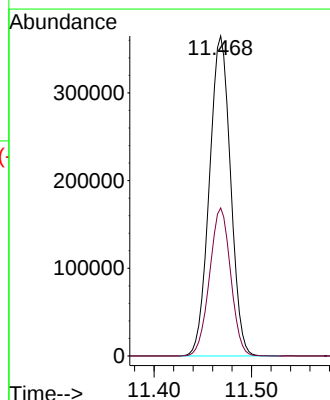
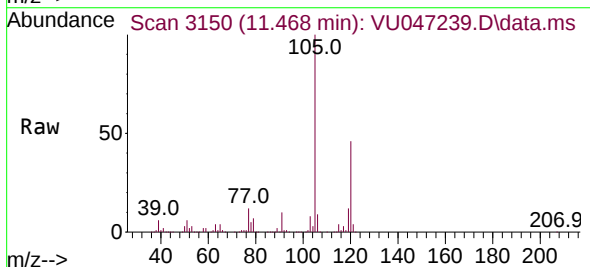
Instrument :
MSVOA_U
ClientSampleId :

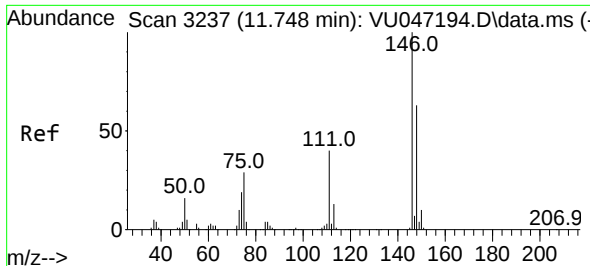
Tgt Ion:105 Resp: 441468
Ion Ratio Lower Upper
105 100
120 49.3 38.4 57.6



#63
1,2,4-Trimethylbenzene
Concen: 43.844 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU047239.D
Acq: 22 Feb 2022 18:29

Tgt Ion:105 Resp: 549949
Ion Ratio Lower Upper
105 100
120 46.0 35.4 53.2

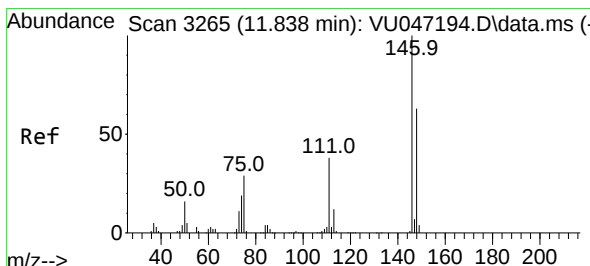
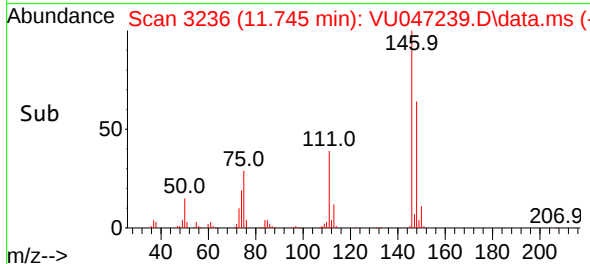
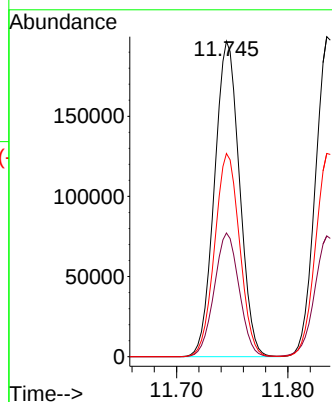
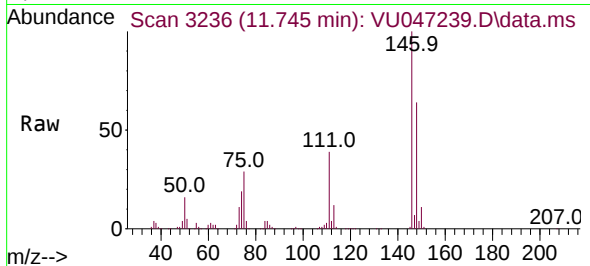




#64
1,3-Dichlorobenzene
Concen: 45.176 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU047239.D
Acq: 22 Feb 2022 18:29

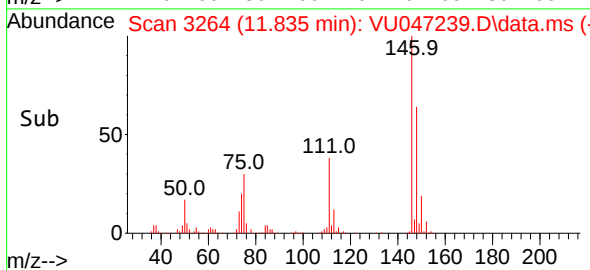
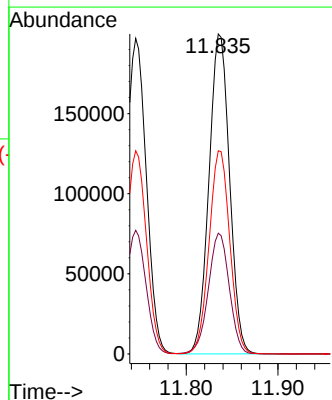
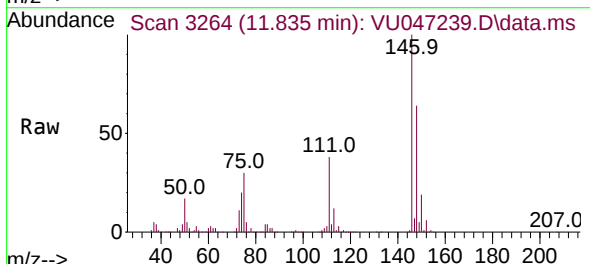
Instrument :
MSVOA_U
ClientSampleId :

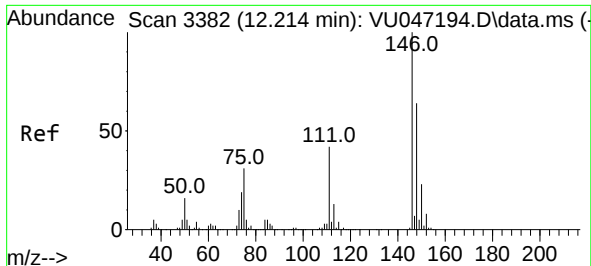
Tgt Ion:146 Resp: 307280
Ion Ratio Lower Upper
146 100
111 39.2 29.4 54.6
148 64.4 45.8 85.2



#65
1,4-Dichlorobenzene
Concen: 45.561 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.003 min
Lab File: VU047239.D
Acq: 22 Feb 2022 18:29

Tgt Ion:146 Resp: 311522
Ion Ratio Lower Upper
146 100
111 37.8 28.9 53.7
148 63.5 44.5 82.7

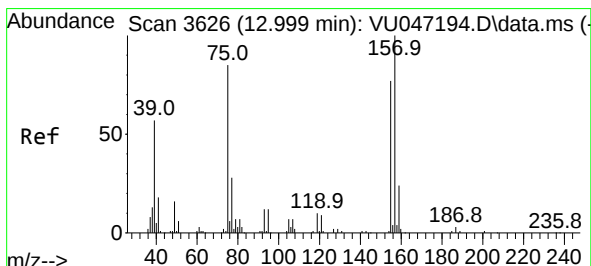
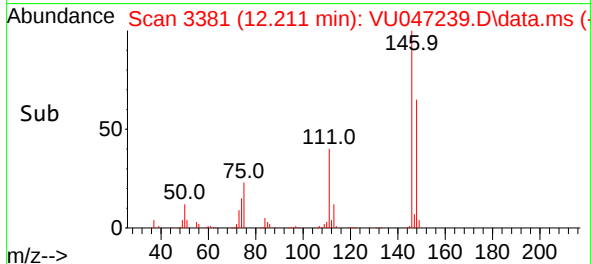
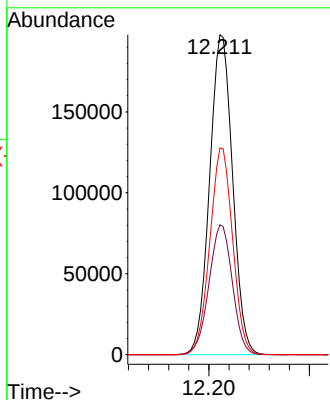
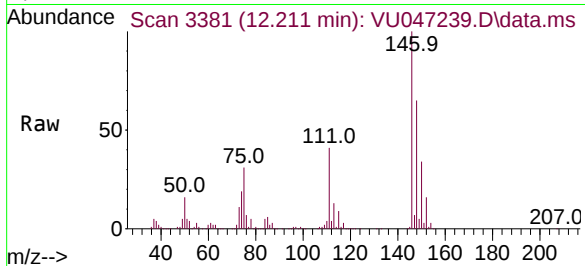




#67
1,2-Dichlorobenzene
Concen: 46.274 ug/L
RT: 12.211 min Scan# 311
Delta R.T. -0.003 min
Lab File: VU047239.D
Acq: 22 Feb 2022 18:29

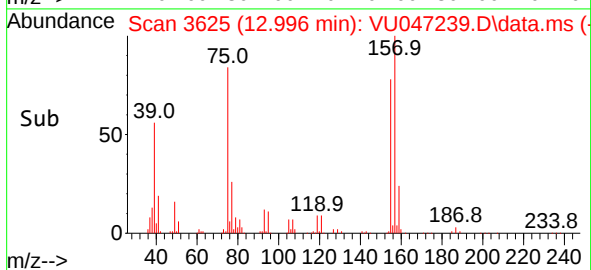
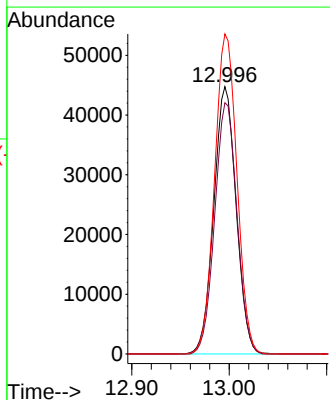
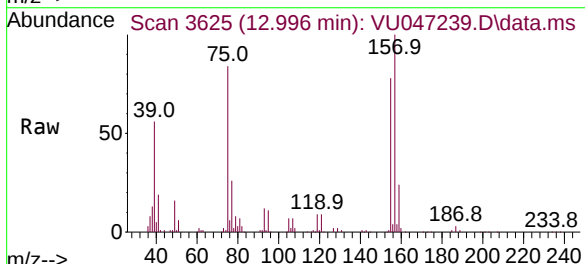
Instrument :
MSVOA_U
ClientSampleId :

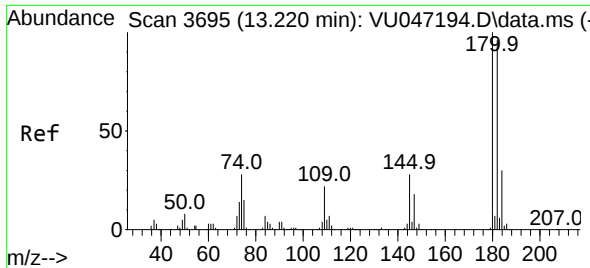
Tgt Ion:146 Resp: 313230
Ion Ratio Lower Upper
146 100
111 40.6 34.2 51.4
148 64.6 51.3 76.9



#68
1,2-Dibromo-3-chloropropane
Concen: 50.605 ug/L
RT: 12.996 min Scan# 3625
Delta R.T. -0.003 min
Lab File: VU047239.D
Acq: 22 Feb 2022 18:29

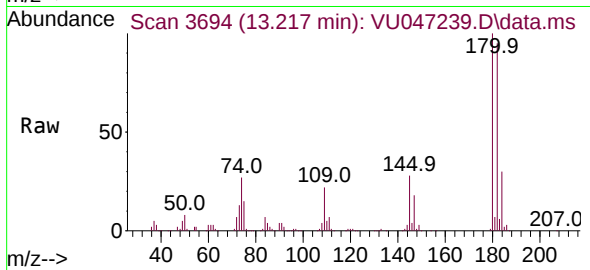
Tgt Ion: 75 Resp: 71271
Ion Ratio Lower Upper
75 100
155 93.9 65.0 97.4
157 119.7 79.7 119.5#



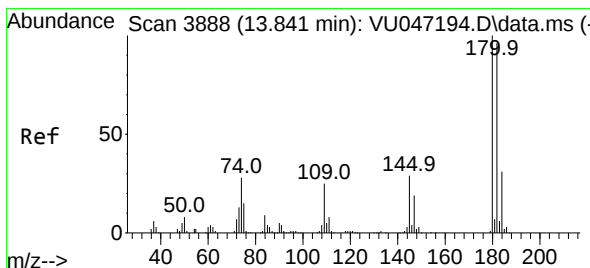
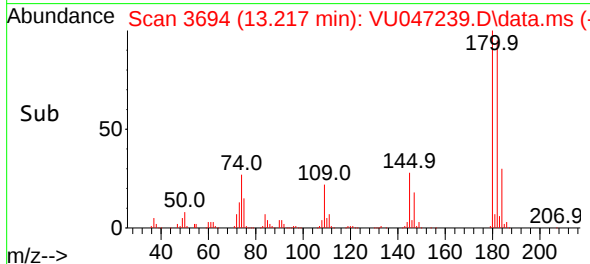
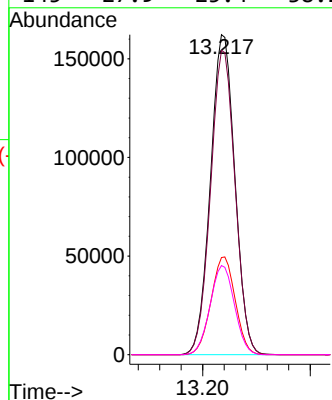


#69
 1,3,5-Trichlorobenzene
 Concen: 48.542 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. -0.003 min
 Lab File: VU047239.D
 Acq: 22 Feb 2022 18:29

Instrument :
 MSVOA_U
 ClientSampleId :

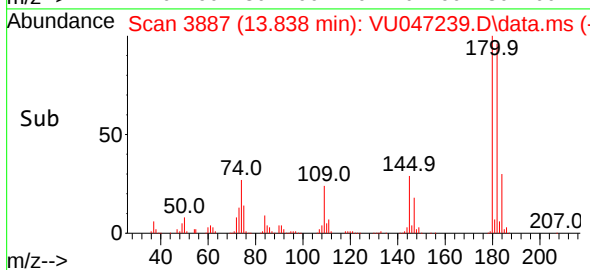
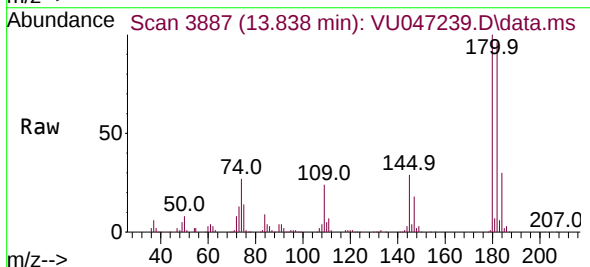
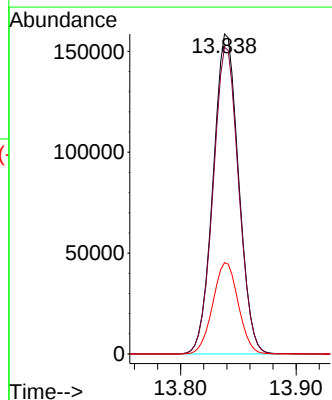


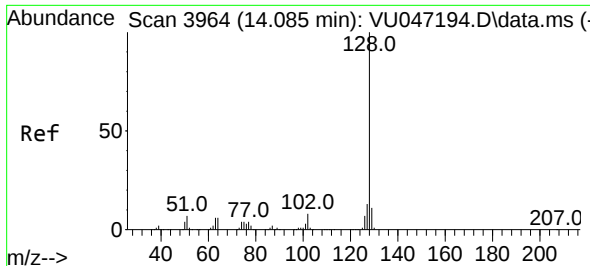
Tgt Ion:180 Resp: 255343
 Ion Ratio Lower Upper
 180 100
 182 95.3 77.0 115.6
 184 30.4 24.7 37.1
 145 27.9 25.4 38.2



#70
 1,2,4-trichlorobenzene
 Concen: 48.788 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. -0.003 min
 Lab File: VU047239.D
 Acq: 22 Feb 2022 18:29

Tgt Ion:180 Resp: 243275
 Ion Ratio Lower Upper
 180 100
 182 96.1 76.6 114.8
 145 28.5 25.2 37.8

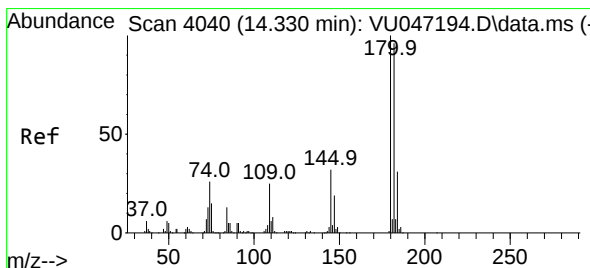
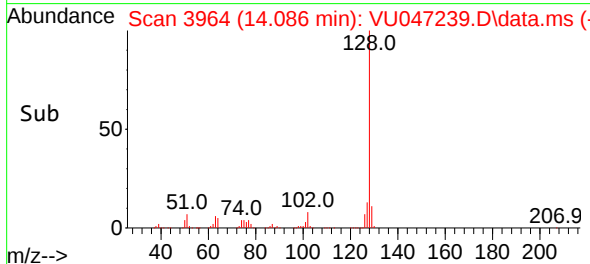
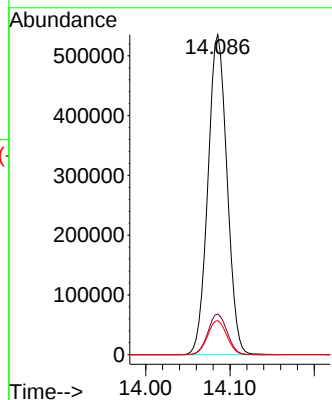
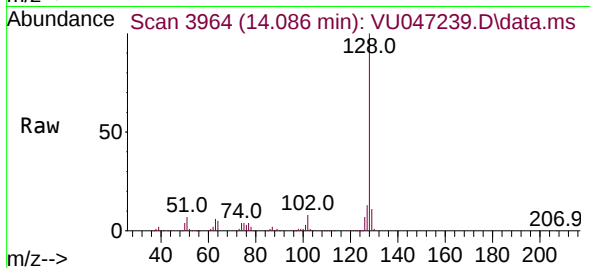




#71
Naphthalene
Concen: 47.881 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU047239.D
Acq: 22 Feb 2022 18:29

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 845235
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 10.7 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 48.634 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU047239.D
Acq: 22 Feb 2022 18:29

Tgt Ion:180 Resp: 241467
Ion Ratio Lower Upper
180 100
182 96.2 76.6 115.0
145 30.6 27.4 41.2

