

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042222\
 Data File : VU048212.D
 Acq On : 22 Apr 2022 09:18
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 22 21:56:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 22 02:51:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	324174	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	341972	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	191656	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	100836	42.894	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.780%
7) Chloroethane-d5	1.912	69	86629	46.735	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.480%
11) 1,1-Dichloroethene-d2	2.571	63	181757	42.259	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.520%
21) 2-Butanone-d5	4.620	46	198111	98.185	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.180%
24) Chloroform-d	5.067	84	212032	49.294	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.580%
26) 1,2-Dichloroethane-d4	5.703	65	130364	49.416	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.840%
32) Benzene-d6	5.729	84	419296	48.727	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.460%
36) 1,2-Dichloropropane-d6	6.693	67	139639	52.840	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.680%
41) Toluene-d8	7.899	98	381338	45.485	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.980%
43) trans-1,3-Dichloroprop...	8.179	79	51691	38.609	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.220%
47) 2-Hexanone-d5	8.632	63	136183	88.029	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.030%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	225107	49.635	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.260%
66) 1,2-Dichlorobenzene-d4	12.195	152	164722	48.309	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.620%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	111719	37.173	ug/L	100
3) Chloromethane	1.520	50	129250	44.969	ug/L	99
5) Vinyl chloride	1.604	62	132582	45.229	ug/L	97
6) Bromomethane	1.854	94	70076	44.415	ug/L	99
8) Chloroethane	1.935	64	83841	45.562	ug/L	99
9) Trichlorofluoromethane	2.141	101	168732	40.820	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	105838	44.296	ug/L	99
12) 1,1-Dichloroethene	2.581	96	99621	44.800	ug/L	93
13) Acetone	2.623	43	150656	80.235	ug/L	99
14) Carbon disulfide	2.797	76	253390	36.049	ug/L	100
15) Methyl Acetate	2.948	43	172867	57.735	ug/L	96
16) Methylene chloride	3.047	84	147093	57.644	ug/L	97
17) trans-1,2-Dichloroethene	3.356	96	111615	46.536	ug/L	94
18) Methyl tert-butyl Ether	3.366	73	382489	56.526	ug/L	98
19) 1,1-Dichloroethane	3.874	63	232007	56.087	ug/L	100
20) cis-1,2-Dichloroethene	4.671	96	138997	52.861	ug/L	95
22) 2-Butanone	4.700	43	238025	98.407	ug/L	96
23) Bromochloromethane	4.976	128	79506	55.071	ug/L	96
25) Chloroform	5.089	83	245670	55.163	ug/L	98

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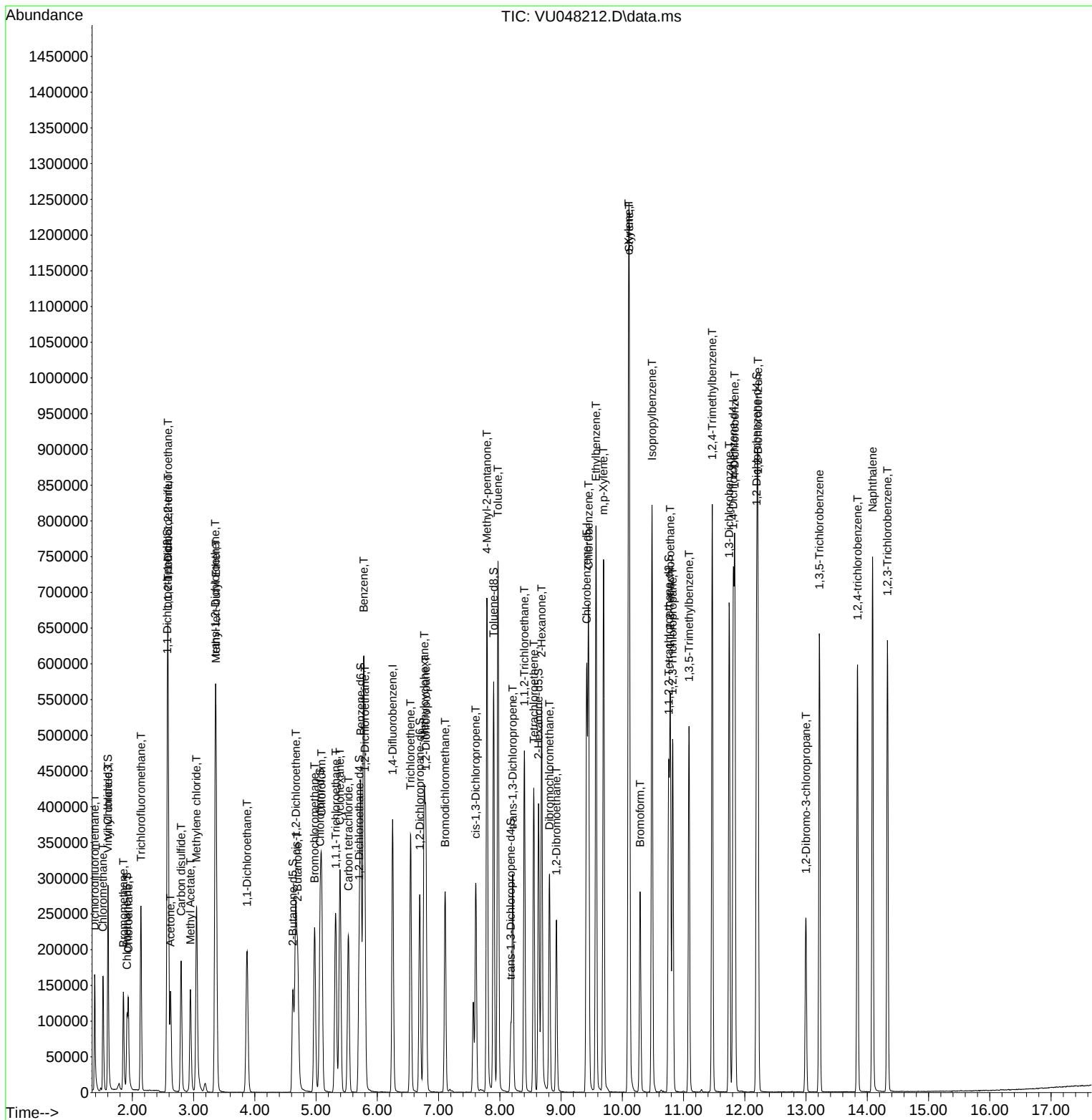
Instrument :
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 ClientSampleId :

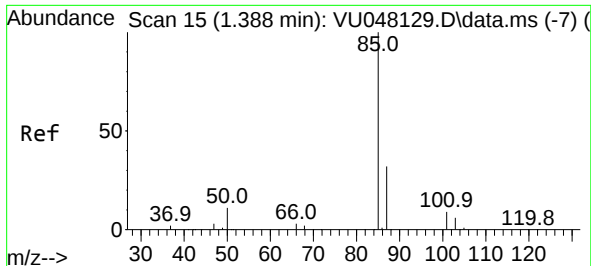
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	181726	52.816	ug/L	97
29) Cyclohexane	5.391	56	149912	43.201	ug/L	95
30) 1,1,1-Trichloroethane	5.321	97	185997	47.967	ug/L	99
31) Carbon tetrachloride	5.526	117	154624	44.160	ug/L	100
33) Benzene	5.777	78	525401	53.079	ug/L	100
34) Trichloroethene	6.542	95	125671	48.427	ug/L	98
35) Methylcyclohexane	6.767	83	156864	39.733	ug/L	97
37) 1,2-Dichloropropane	6.793	63	148287	58.930	ug/L	99
38) Bromodichloromethane	7.108	83	186213	53.889	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	176639	45.241	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	432029	108.630	ug/L	98
42) Toluene	7.970	91	556647	51.252	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	171087	43.887	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	150853	56.526	ug/L	99
46) Tetrachloroethene	8.555	164	100957	43.291	ug/L	99
48) 2-Hexanone	8.684	43	331764	96.979	ug/L	98
49) Dibromochloromethane	8.812	129	161082	52.113	ug/L	99
50) 1,2-Dibromoethane	8.925	107	160308	53.581	ug/L	98
51) Chlorobenzene	9.449	112	377721	51.220	ug/L	98
52) Ethylbenzene	9.571	91	556038	48.690	ug/L	100
53) m,p-Xylene	9.693	106	220506	49.210	ug/L	99
54) o-Xylene	10.102	106	219737	49.964	ug/L	98
55) Styrene	10.115	104	392325	52.250	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	274165	54.798	ug/L	99
59) Bromoform	10.291	173	130549	53.269	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	211663	58.583	ug/L	98
61) Isopropylbenzene	10.484	105	539969	52.130	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	273545	48.673	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	441269	51.691	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	302078	52.469	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	306799	51.448	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	317171	55.058	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	59430	51.351	ug/L	94
69) 1,3,5-Trichlorobenzene	13.217	180	216976	46.405	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	196020	47.863	ug/L	99
71) Naphthalene	14.085	128	610479	49.997	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	211353	51.479	ug/L	99

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

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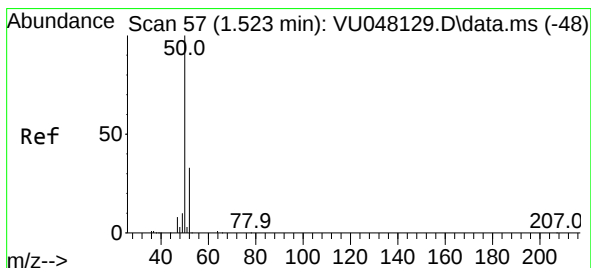
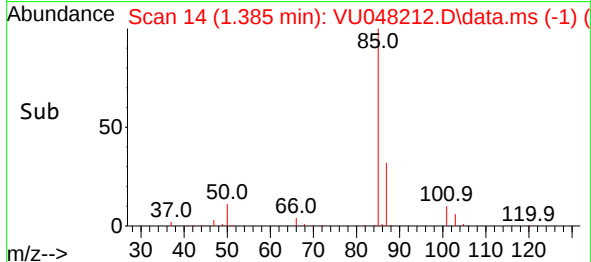
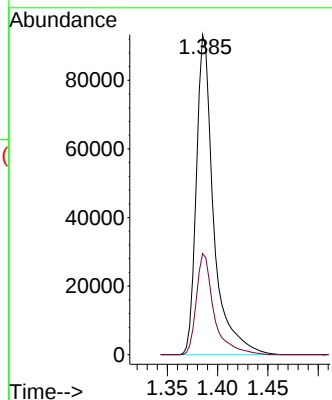
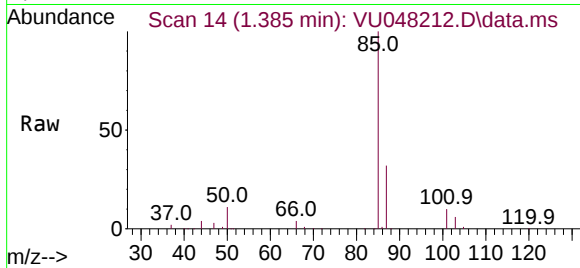




#2
 Dichlorodifluoromethane
 Concen: 37.173 ug/L
 RT: 1.385 min Scan# 14
 Delta R.T. 0.000 min
 Lab File: VU048212.D
 Acq: 22 Apr 2022 09:18

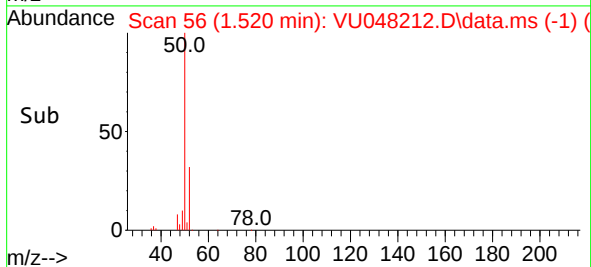
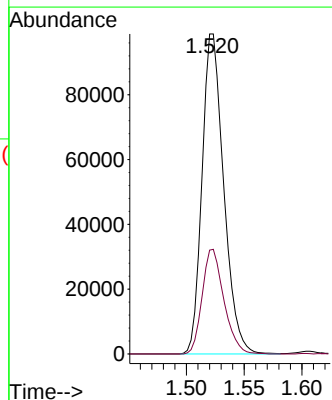
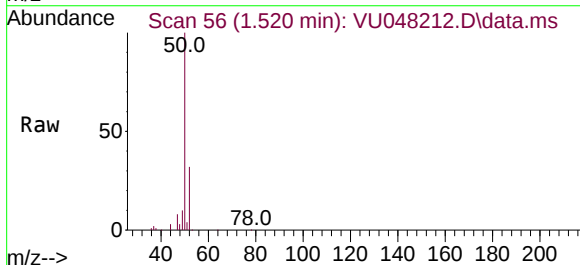
Instrument :
 MSVOA_U
 ClientSampleId :

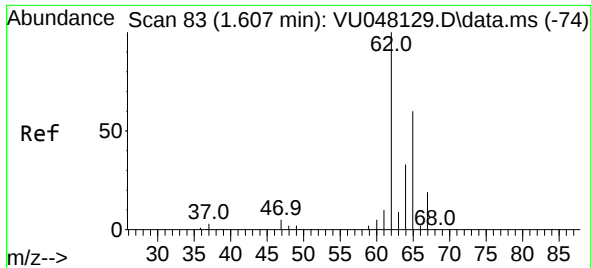
Tgt Ion: 85 Resp: 111719
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.8 38.8



#3
 Chloromethane
 Concen: 44.969 ug/L
 RT: 1.520 min Scan# 56
 Delta R.T. -0.003 min
 Lab File: VU048212.D
 Acq: 22 Apr 2022 09:18

Tgt Ion: 50 Resp: 129250
 Ion Ratio Lower Upper
 50 100
 52 32.5 23.2 43.2

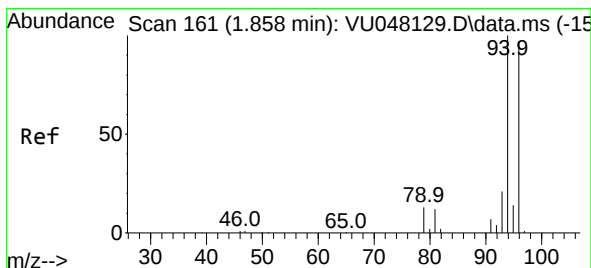
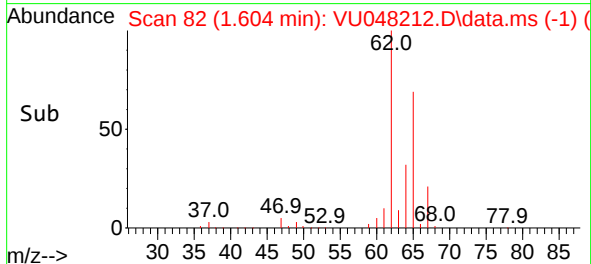
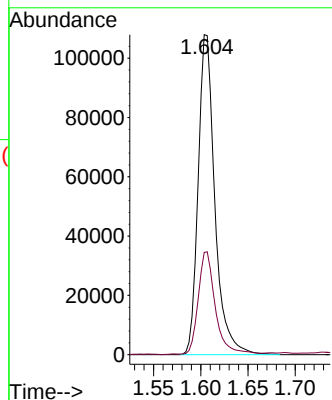
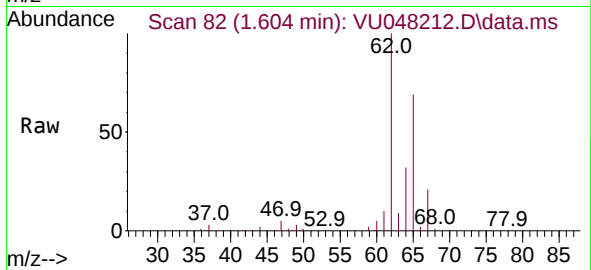




#5
 Vinyl chloride
 Concen: 45.229 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU048212.D
 Acq: 22 Apr 2022 09:18

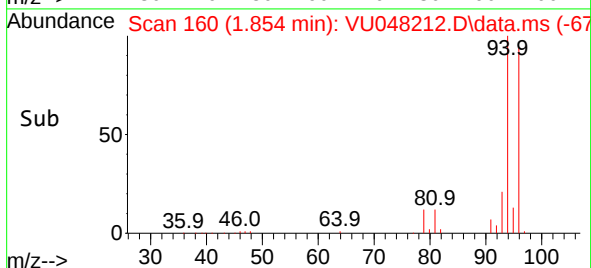
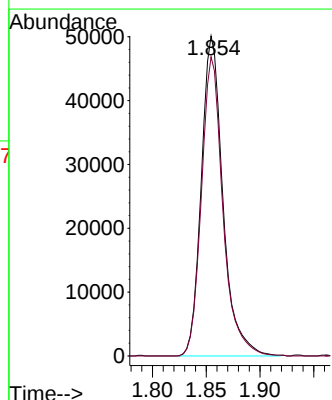
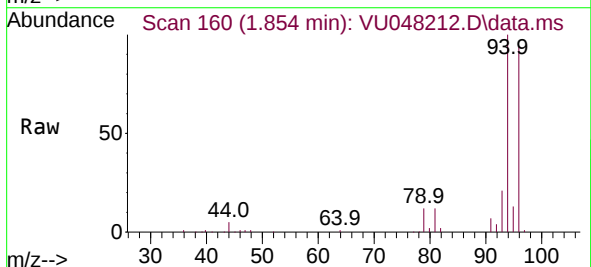
Instrument :
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 ClientSampleId :

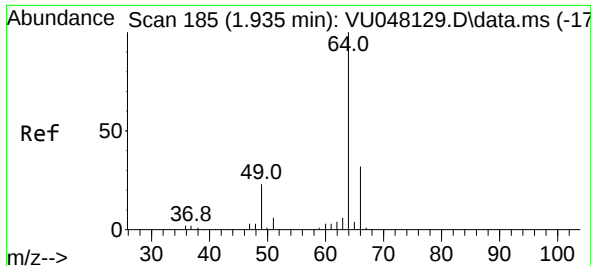
Tgt Ion: 62 Resp: 132582
 Ion Ratio Lower Upper
 62 100
 64 32.0 23.7 43.9



#6
 Bromomethane
 Concen: 44.415 ug/L
 RT: 1.854 min Scan# 160
 Delta R.T. 0.000 min
 Lab File: VU048212.D
 Acq: 22 Apr 2022 09:18

Tgt Ion: 94 Resp: 70076
 Ion Ratio Lower Upper
 94 100
 96 93.5 64.8 120.3

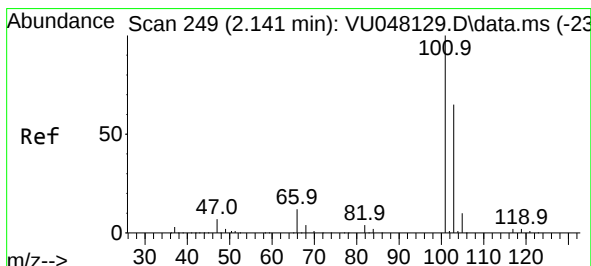
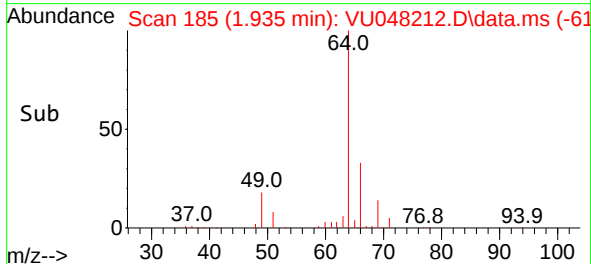
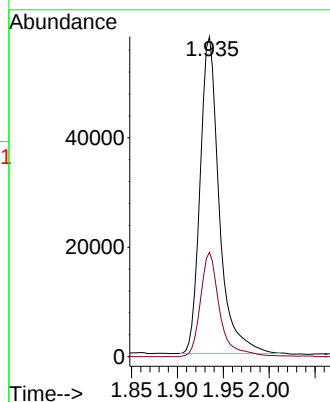
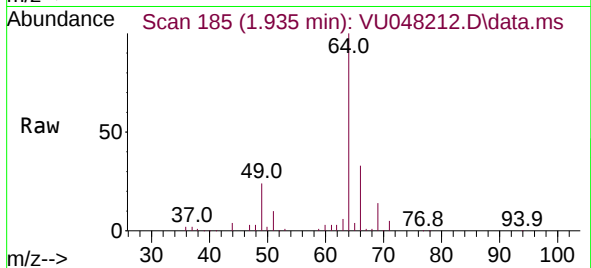




#8
Chloroethane
Concen: 45.562 ug/L
RT: 1.935 min Scan# 185
Delta R.T. 0.000 min
Lab File: VU048212.D
Acq: 22 Apr 2022 09:18

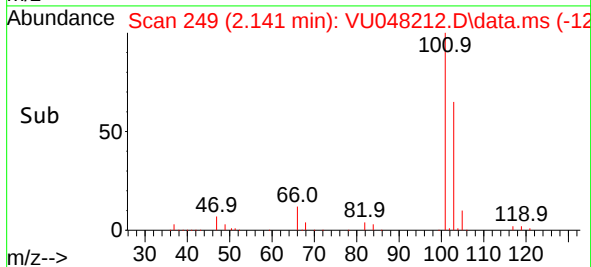
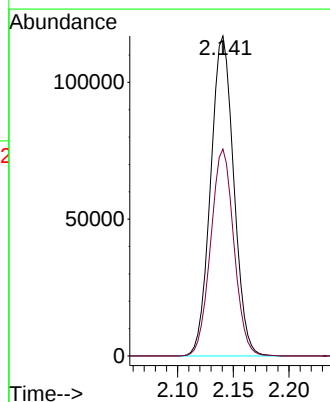
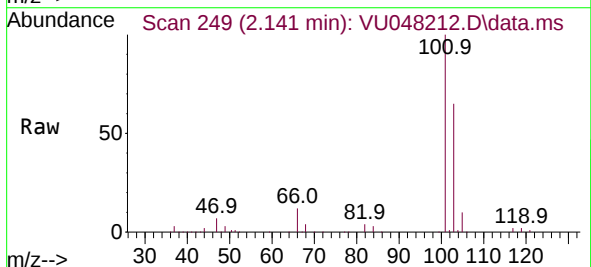
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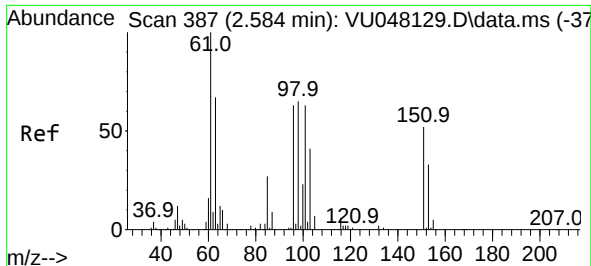
Tgt Ion: 64 Resp: 83841
Ion Ratio Lower Upper
64 100
66 32.6 23.3 43.3



#9
Trichlorofluoromethane
Concen: 40.820 ug/L
RT: 2.141 min Scan# 249
Delta R.T. 0.000 min
Lab File: VU048212.D
Acq: 22 Apr 2022 09:18

Tgt Ion: 101 Resp: 168732
Ion Ratio Lower Upper
101 100
103 65.0 51.4 77.2





#10

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

Concen: 44.296 ug/L

RT: 2.584 min Scan# 387

Delta R.T. 0.000 min

Lab File: VU048212.D

Acq: 22 Apr 2022 09:18

Instrument :

MSVOA_U

ClientSampleId :

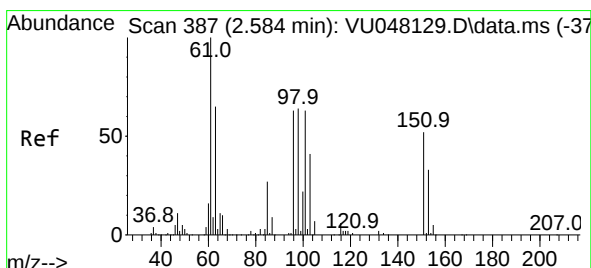
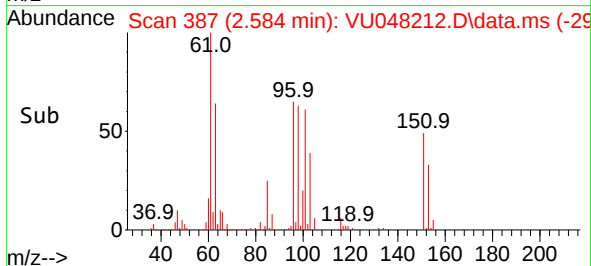
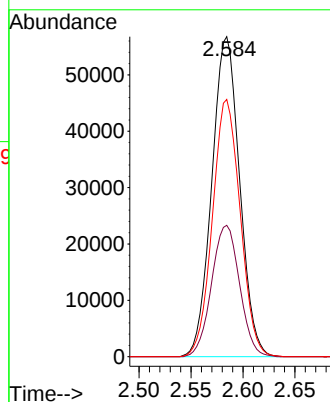
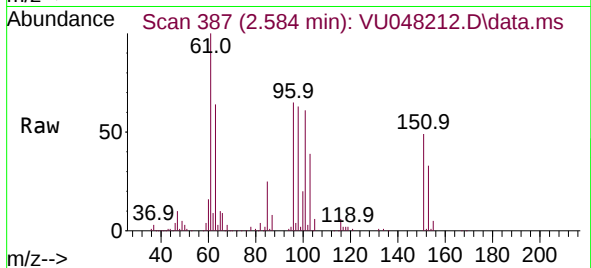
Tgt Ion:101 Resp: 105838

Ion Ratio Lower Upper

101 100

85 41.3 32.8 49.2

151 80.1 63.0 94.6



#12

1,1-Dichloroethene

Concen: 44.800 ug/L

RT: 2.581 min Scan# 386

Delta R.T. 0.000 min

Lab File: VU048212.D

Acq: 22 Apr 2022 09:18

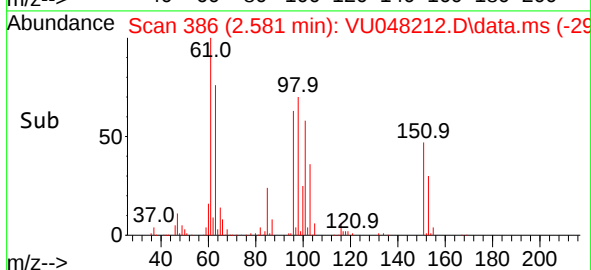
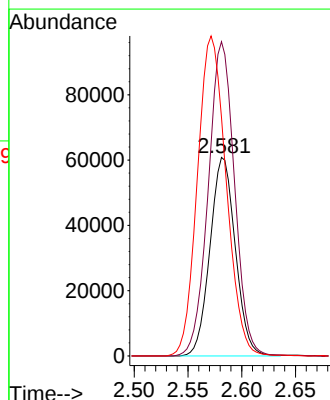
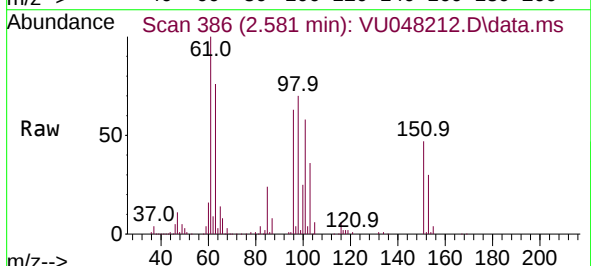
Tgt Ion: 96 Resp: 99621

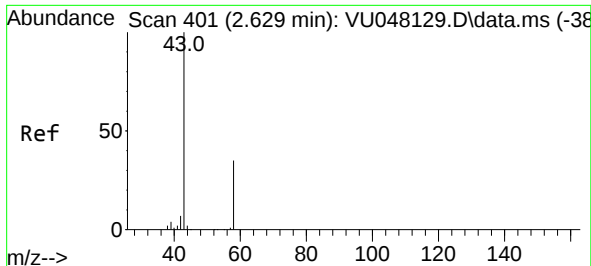
Ion Ratio Lower Upper

96 100

61 158.3 113.1 210.1

63 120.3 94.8 176.0





#13

Acetone

Concen: 80.235 ug/L

RT: 2.623 min Scan# 399

Delta R.T. 0.000 min

Lab File: VU048212.D

Acq: 22 Apr 2022 09:18

Instrument :

MSVOA_U

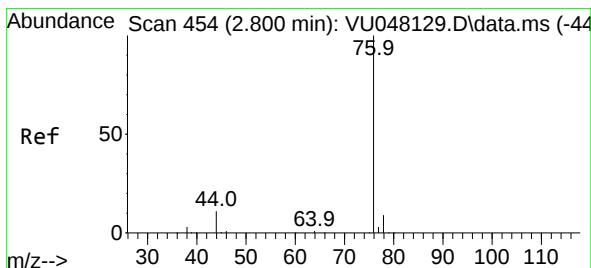
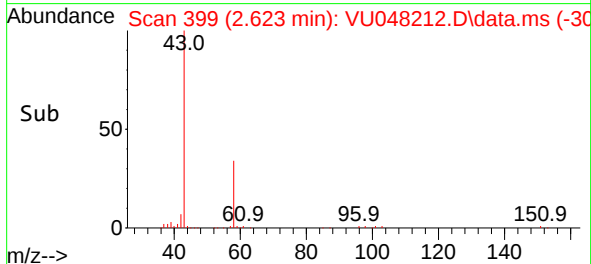
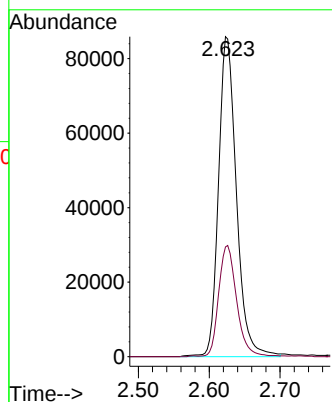
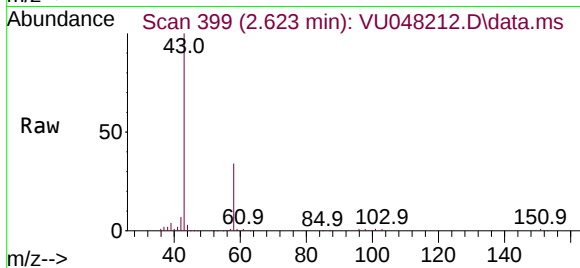
ClientSampleId :

Tgt Ion: 43 Resp: 150656

Ion Ratio Lower Upper

43 100

58 34.4 0.0 70.0



#14

Carbon disulfide

Concen: 36.049 ug/L

RT: 2.797 min Scan# 453

Delta R.T. 0.000 min

Lab File: VU048212.D

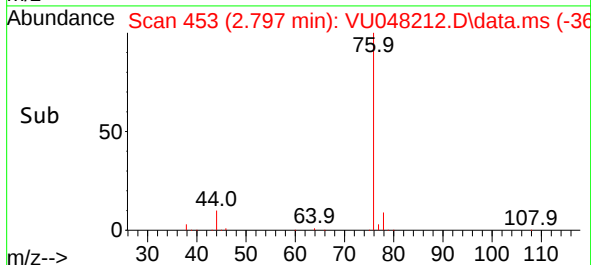
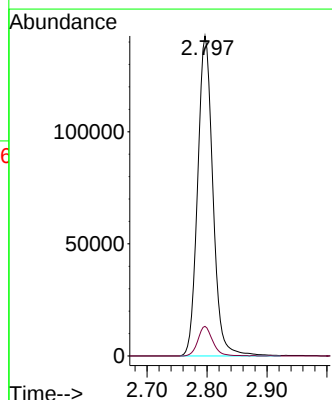
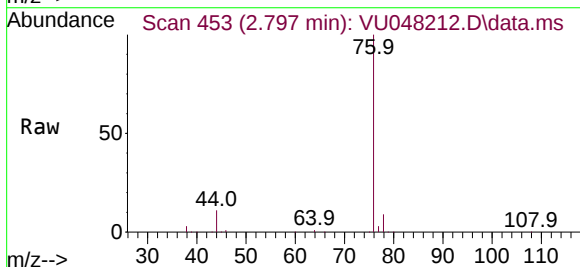
Acq: 22 Apr 2022 09:18

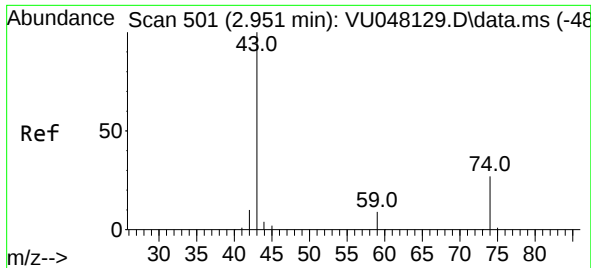
Tgt Ion: 76 Resp: 253390

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0

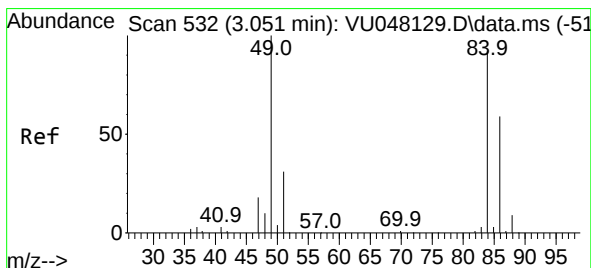
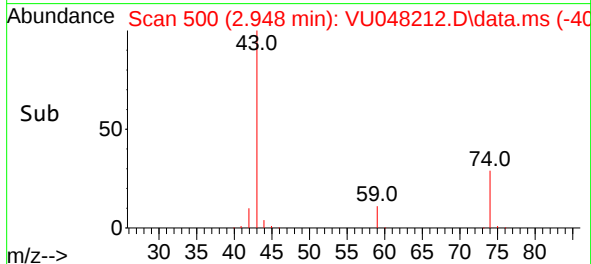
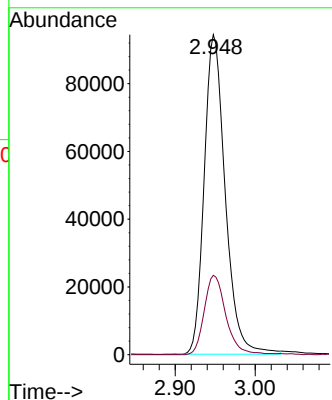
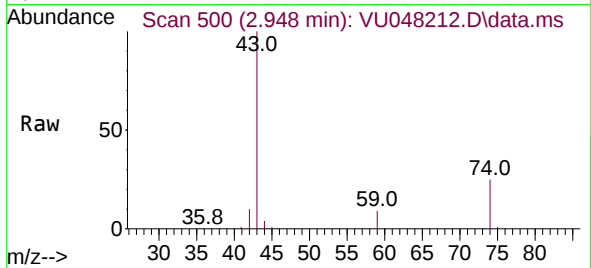




#15
Methyl Acetate
Concen: 57.735 ug/L
RT: 2.948 min Scan# 501
Delta R.T. 0.000 min
Lab File: VU048212.D
Acq: 22 Apr 2022 09:18

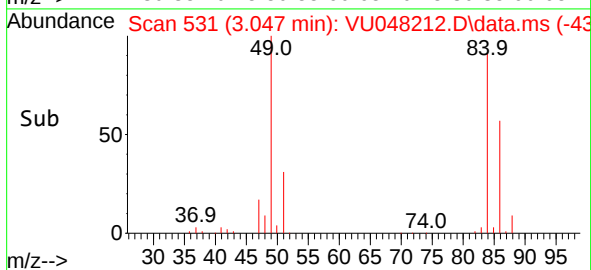
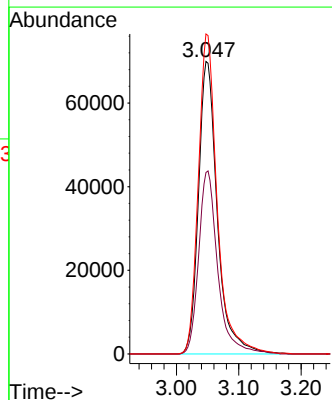
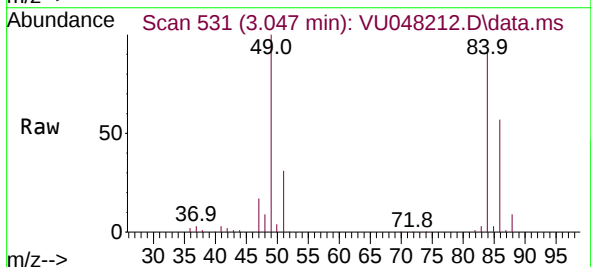
Instrument :
MSVOA_U
ClientSampleId :

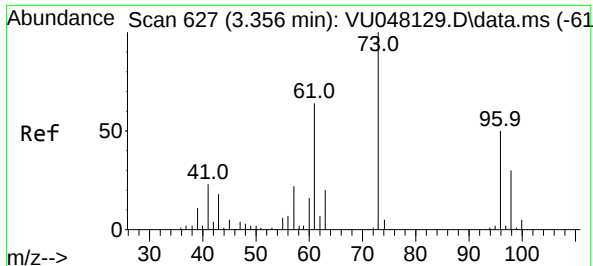
Tgt Ion: 43 Resp: 172867
Ion Ratio Lower Upper
43 100
74 25.5 22.2 33.2



#16
Methylene chloride
Concen: 57.644 ug/L
RT: 3.047 min Scan# 531
Delta R.T. 0.000 min
Lab File: VU048212.D
Acq: 22 Apr 2022 09:18

Tgt Ion: 84 Resp: 147093
Ion Ratio Lower Upper
84 100
86 62.1 46.0 85.4
49 109.4 75.3 139.8





#17

trans-1,2-Dichloroethene

Concen: 46.536 ug/L

RT: 3.356 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU048212.D

Acq: 22 Apr 2022 09:18

Instrument :

MSVOA_U

ClientSampleId :

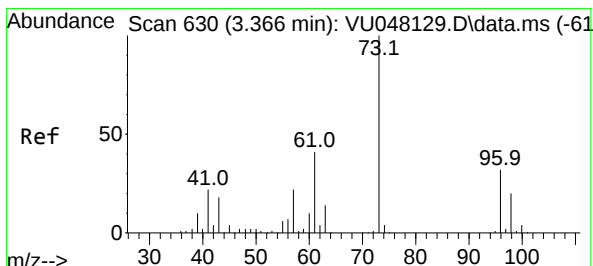
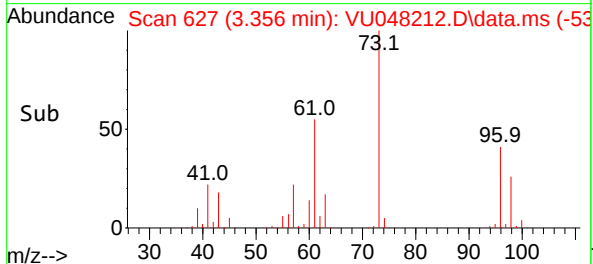
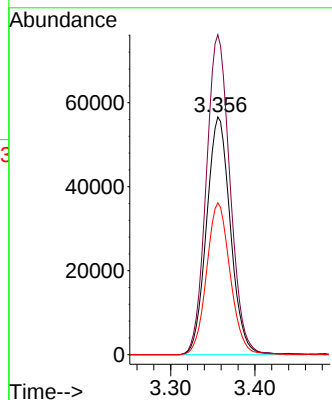
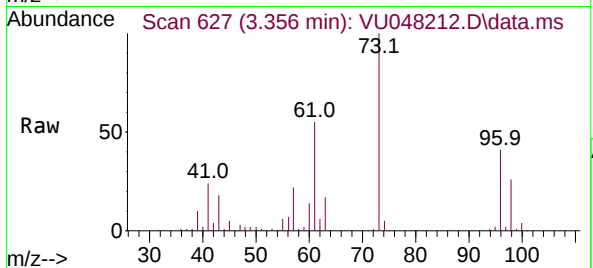
Tgt Ion: 96 Resp: 111615

Ion Ratio Lower Upper

96 100

61 134.6 88.4 164.2

98 63.8 43.3 80.5



#18

Methyl tert-butyl Ether

Concen: 56.526 ug/L

RT: 3.366 min Scan# 630

Delta R.T. 0.003 min

Lab File: VU048212.D

Acq: 22 Apr 2022 09:18

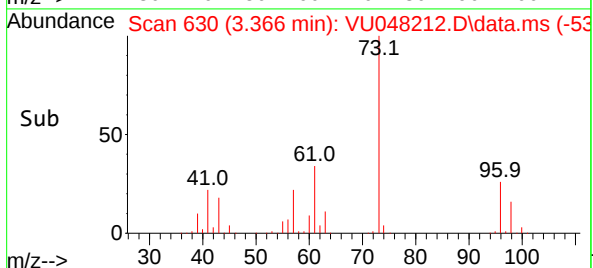
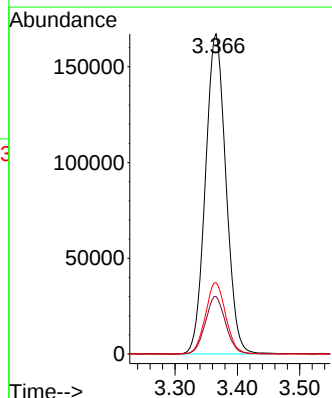
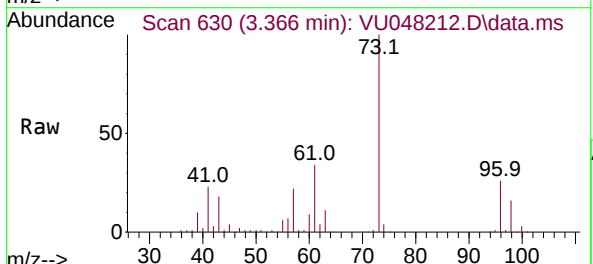
Tgt Ion: 73 Resp: 382489

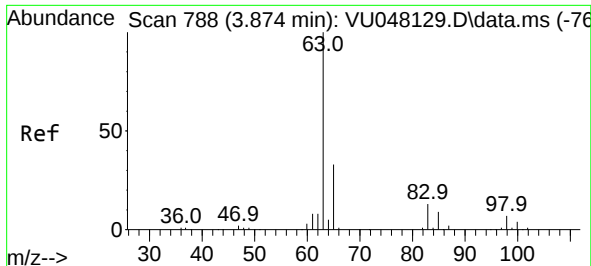
Ion Ratio Lower Upper

73 100

43 17.7 15.3 22.9

57 22.1 17.0 25.6





#19

1,1-Dichloroethane

Concen: 56.087 ug/L

RT: 3.874 min Scan# 788

Delta R.T. 0.003 min

Lab File: VU048212.D

Acq: 22 Apr 2022 09:18

Instrument :

MSVOA_U

ClientSampleId :

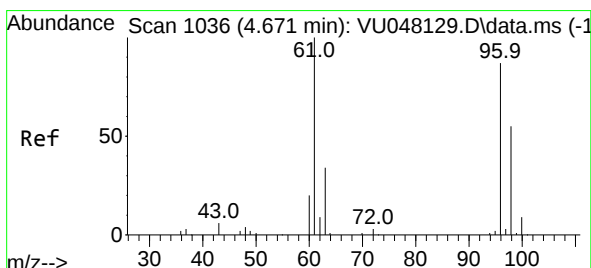
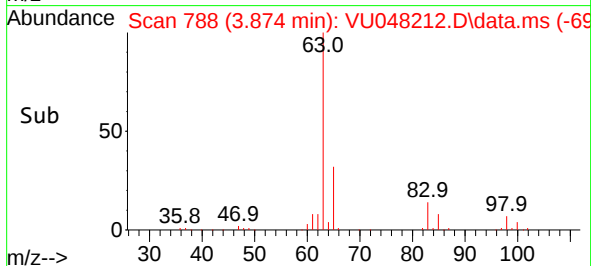
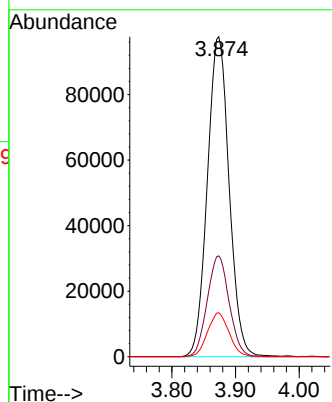
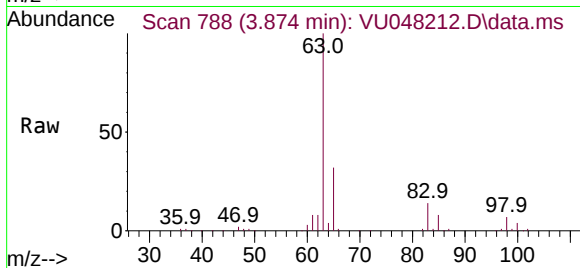
Tgt Ion: 63 Resp: 232007

Ion Ratio Lower Upper

63 100

65 31.5 22.0 41.0

83 13.8 9.7 18.1



#20

cis-1,2-Dichloroethene

Concen: 52.861 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VU048212.D

Acq: 22 Apr 2022 09:18

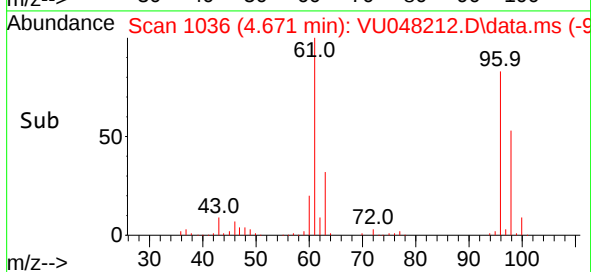
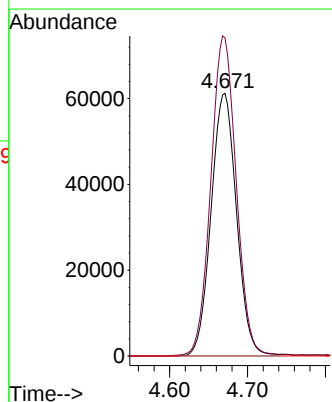
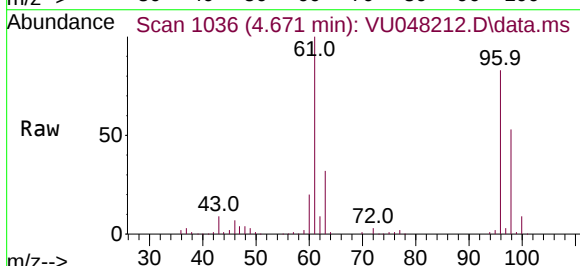
Tgt Ion: 96 Resp: 138997

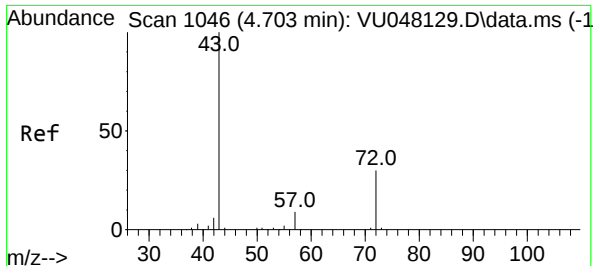
Ion Ratio Lower Upper

96 100

61 121.1 80.7 149.9

68 0.0 0.0 0.0

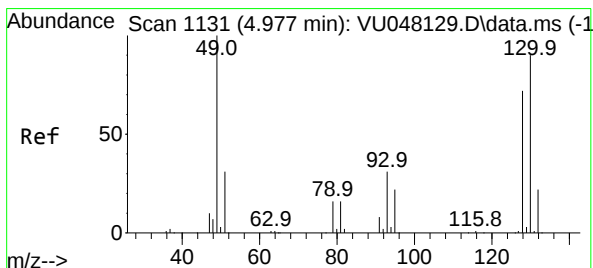
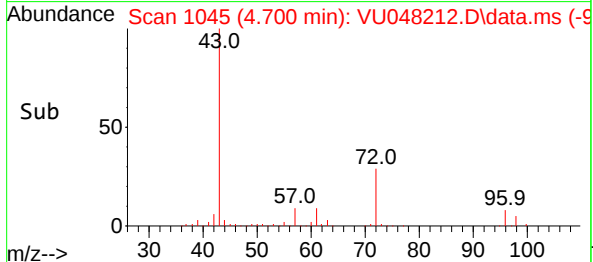
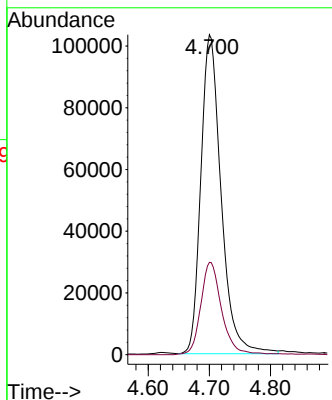
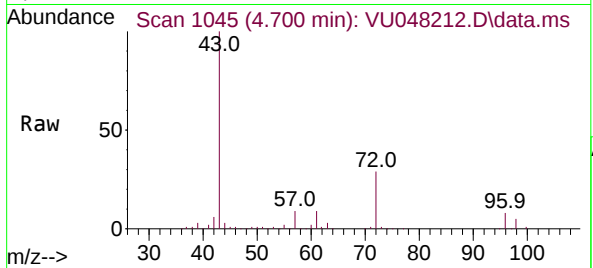




#22
2-Butanone
Concen: 98.407 ug/L
RT: 4.700 min Scan# 1046
Delta R.T. 0.000 min
Lab File: VU048212.D
Acq: 22 Apr 2022 09:18

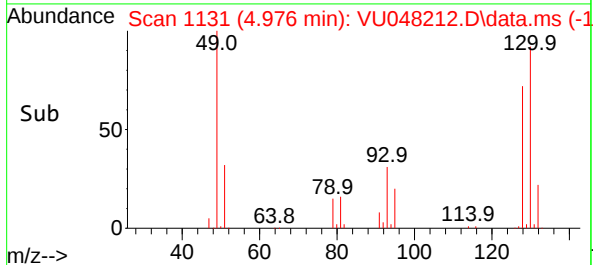
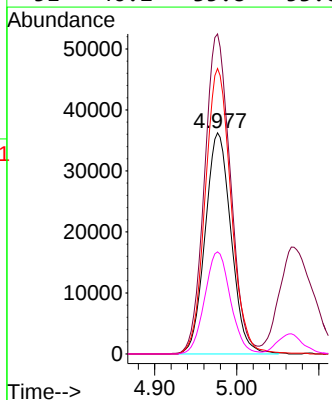
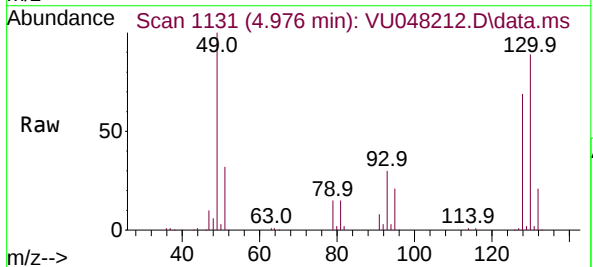
Instrument :
MSVOA_U
ClientSampleId :

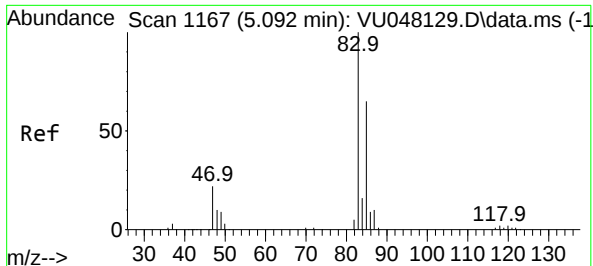
Tgt Ion: 43 Resp: 238025
Ion Ratio Lower Upper
43 100
72 29.5 16.0 47.9



#23
Bromochloromethane
Concen: 55.071 ug/L
RT: 4.976 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VU048212.D
Acq: 22 Apr 2022 09:18

Tgt Ion:128 Resp: 79506
Ion Ratio Lower Upper
128 100
49 144.7 94.1 174.8
130 129.1 90.2 167.4
51 46.2 35.8 53.6





#25

Chloroform

Concen: 55.163 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU048212.D

Acq: 22 Apr 2022 09:18

Instrument :

MSVOA_U

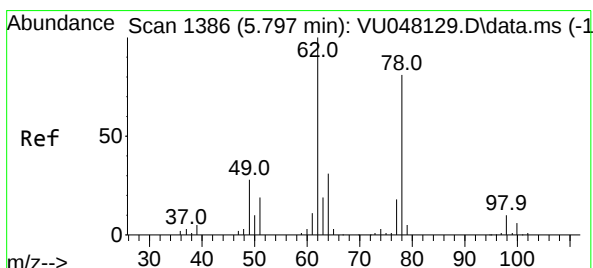
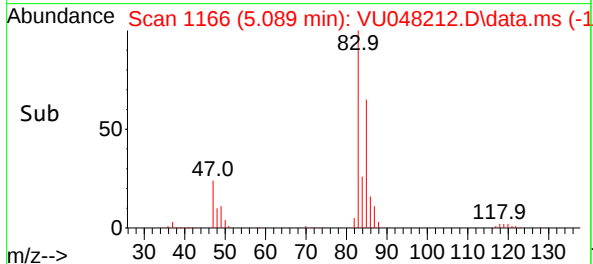
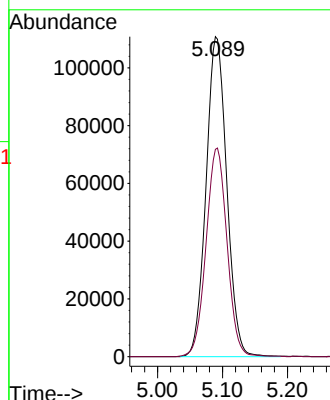
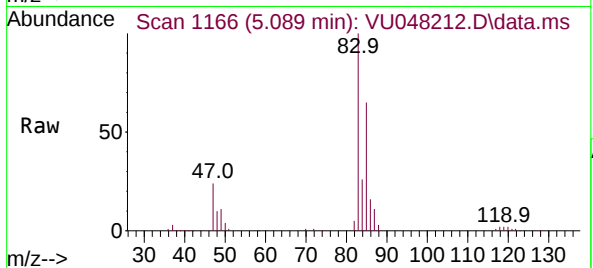
ClientSampleId :

Tgt Ion: 83 Resp: 245670

Ion Ratio Lower Upper

83 100

85 64.8 46.2 85.8



#27

1,2-Dichloroethane

Concen: 52.816 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VU048212.D

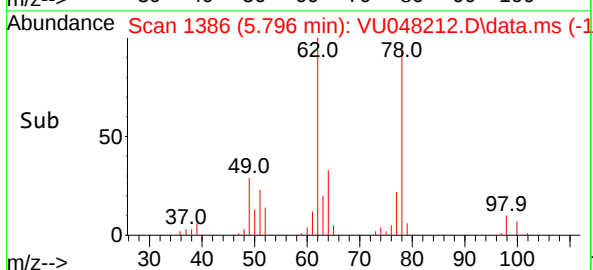
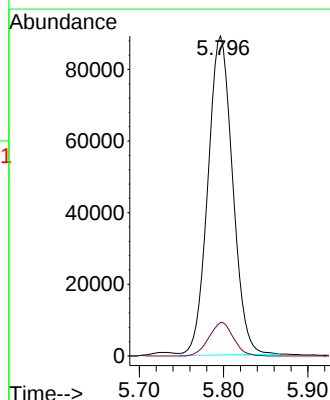
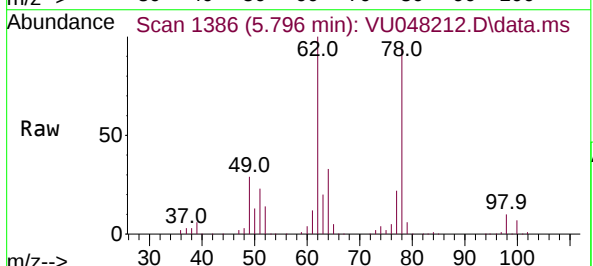
Acq: 22 Apr 2022 09:18

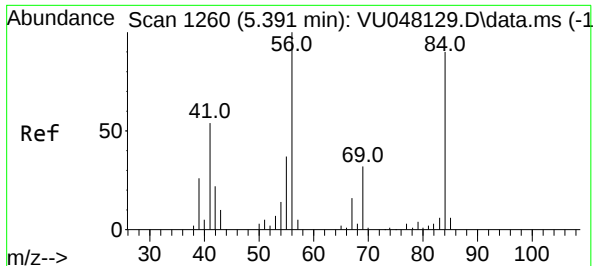
Tgt Ion: 62 Resp: 181726

Ion Ratio Lower Upper

62 100

98 10.4 7.4 11.0





#29

Cyclohexane

Concen: 43.201 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. 0.000 min

Lab File: VU048212.D

Acq: 22 Apr 2022 09:18

Instrument :

MSVOA_U

ClientSampleId :

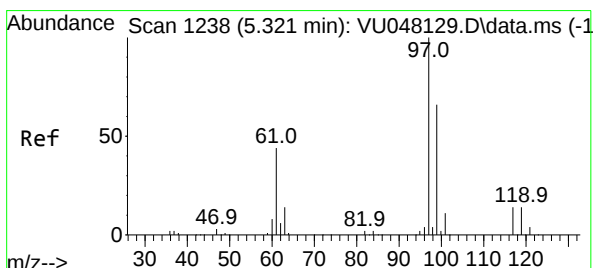
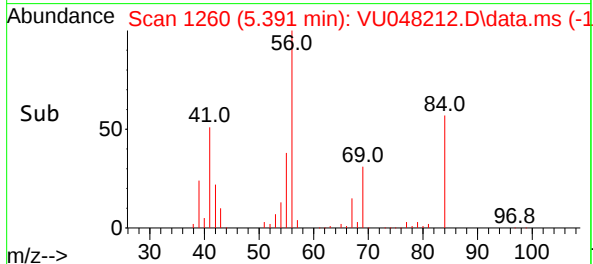
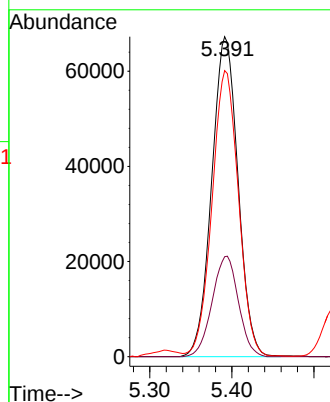
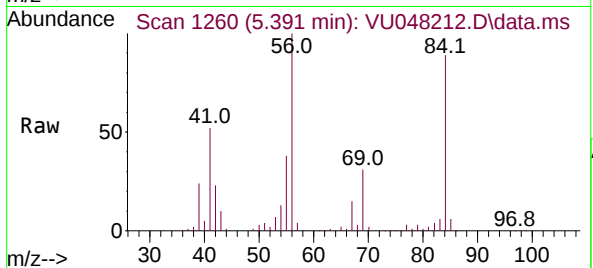
Tgt Ion: 56 Resp: 149912

Ion Ratio Lower Upper

56 100

69 31.4 25.4 38.2

84 89.5 77.0 115.6



#30

1,1,1-Trichloroethane

Concen: 47.967 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. 0.003 min

Lab File: VU048212.D

Acq: 22 Apr 2022 09:18

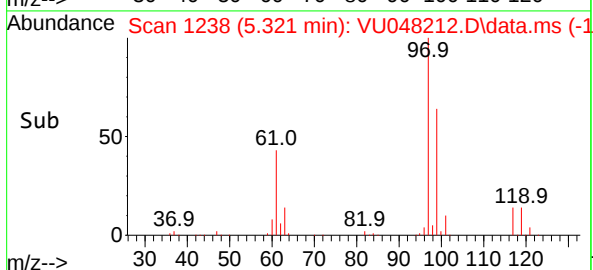
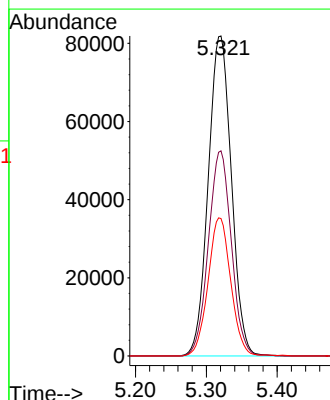
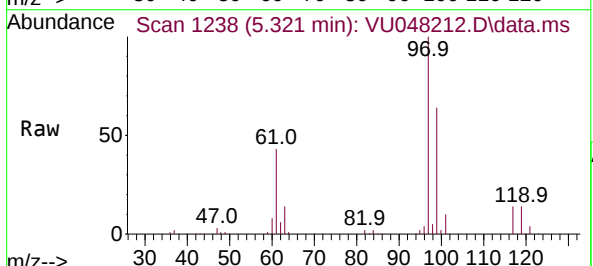
Tgt Ion: 97 Resp: 185997

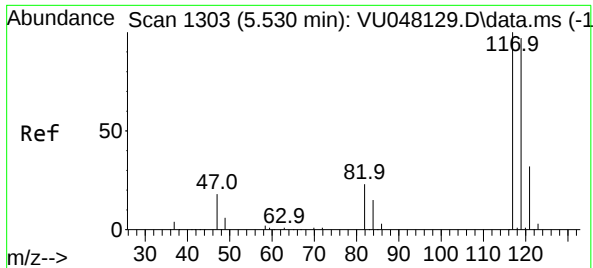
Ion Ratio Lower Upper

97 100

99 63.4 51.6 77.4

61 42.2 34.2 51.4

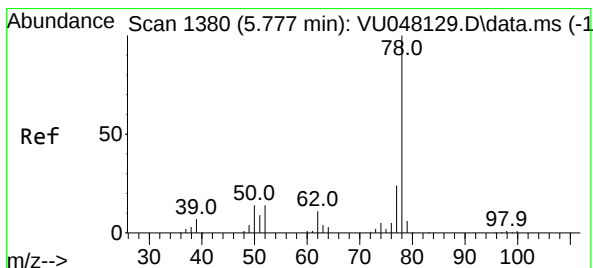
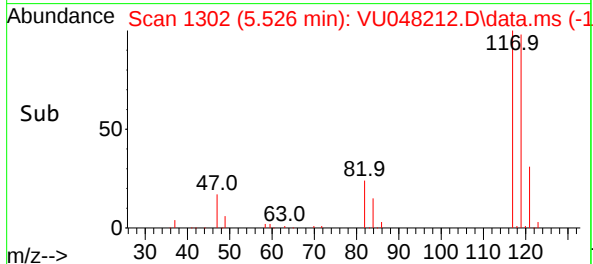
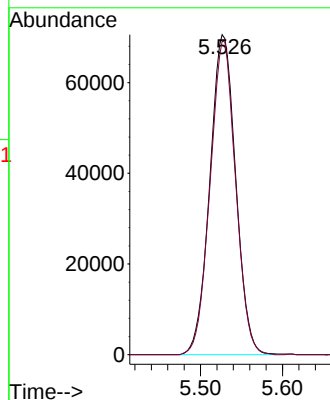
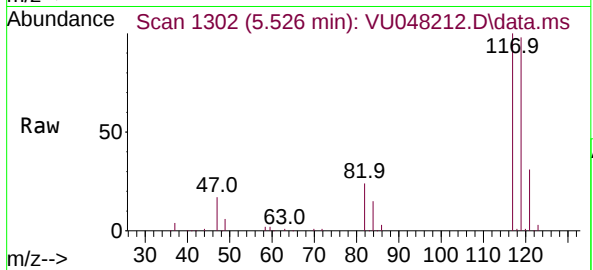




#31
Carbon tetrachloride
Concen: 44.160 ug/L
RT: 5.526 min Scan# 111
Delta R.T. 0.000 min
Lab File: VU048212.D
Acq: 22 Apr 2022 09:18

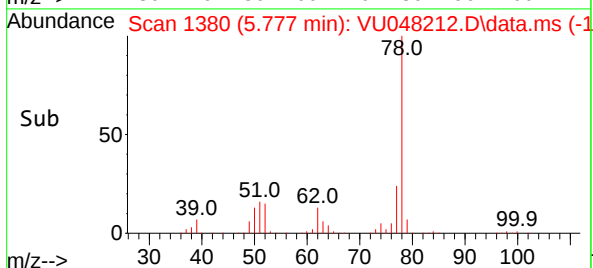
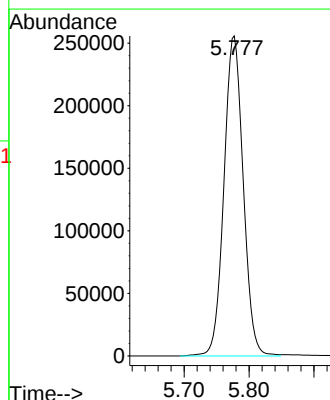
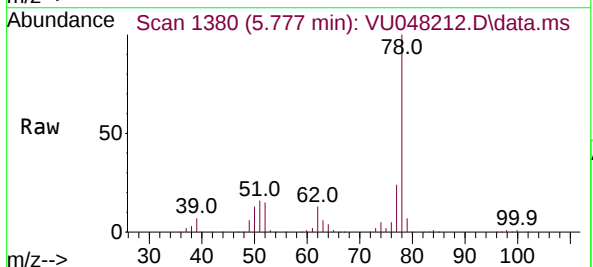
Instrument :
MSVOA_U
ClientSampleId :

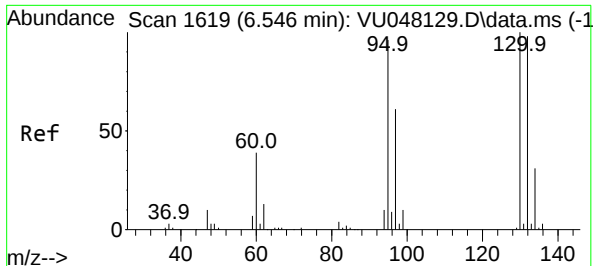
Tgt Ion:117 Resp: 154624
Ion Ratio Lower Upper
117 100
119 96.5 77.2 115.8



#33
Benzene
Concen: 53.079 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU048212.D
Acq: 22 Apr 2022 09:18

Tgt Ion: 78 Resp: 525401

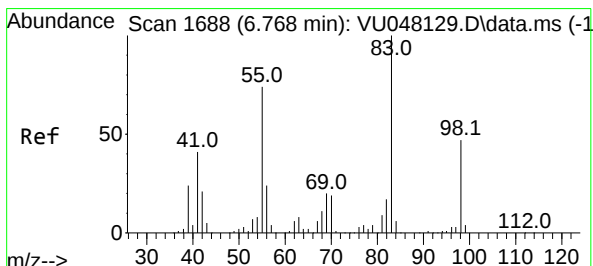
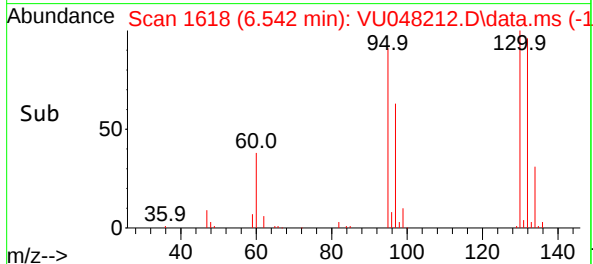
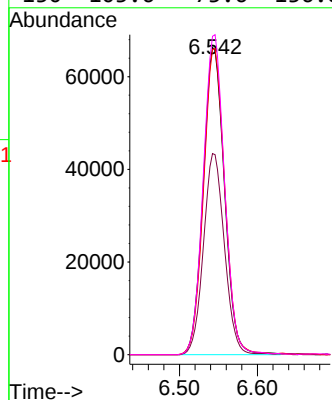
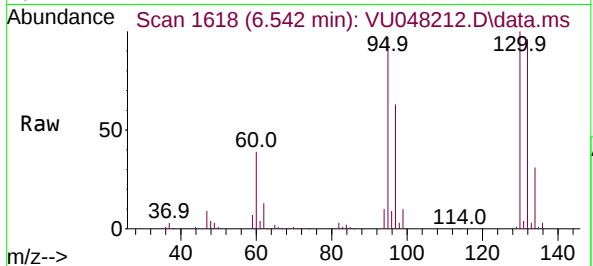




#34
Trichloroethene
Concen: 48.427 ug/L
RT: 6.542 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU048212.D
Acq: 22 Apr 2022 09:18

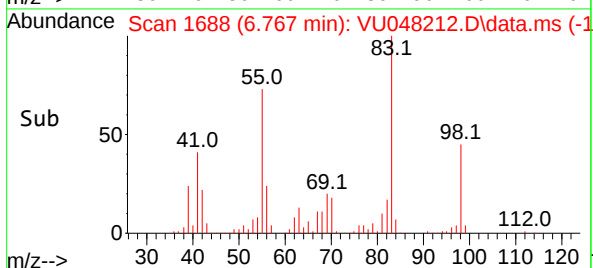
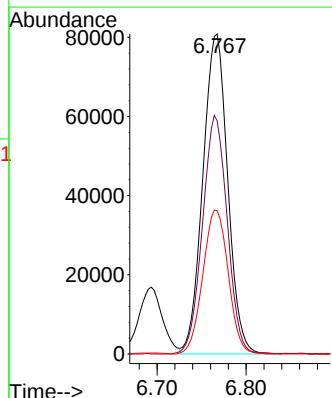
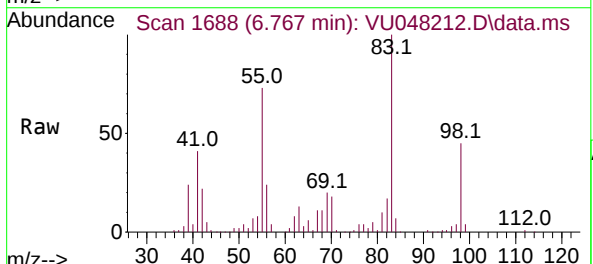
Instrument :
MSVOA_U
ClientSampleId :

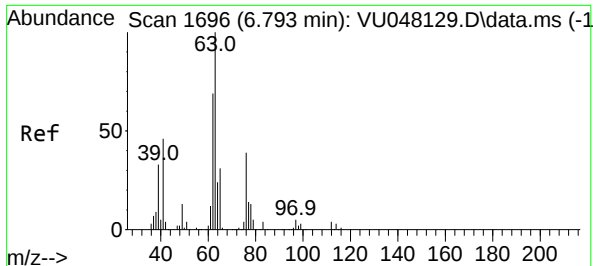
Tgt Ion: 95 Resp: 125671
Ion Ratio Lower Upper
95 100
97 65.4 44.7 82.9
132 99.3 70.4 130.8
130 103.6 73.6 136.8



#35
Methylcyclohexane
Concen: 39.733 ug/L
RT: 6.767 min Scan# 1688
Delta R.T. 0.003 min
Lab File: VU048212.D
Acq: 22 Apr 2022 09:18

Tgt Ion: 83 Resp: 156864
Ion Ratio Lower Upper
83 100
55 74.0 56.8 85.2
98 45.9 38.1 57.1





#37

1,2-Dichloropropane

Concen: 58.930 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU048212.D

Acq: 22 Apr 2022 09:18

Instrument :

MSVOA_U

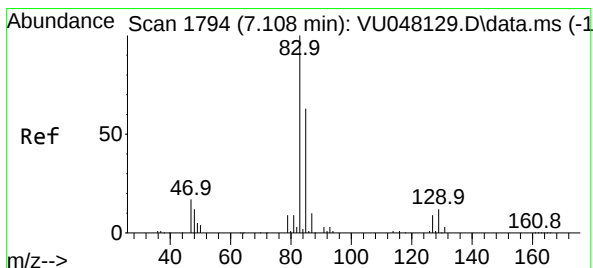
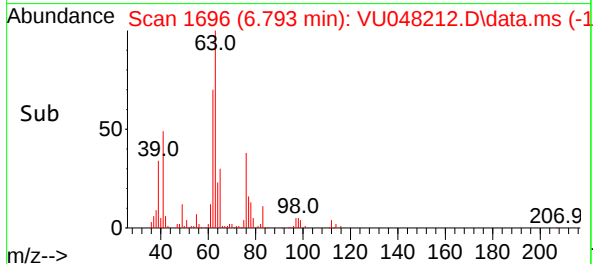
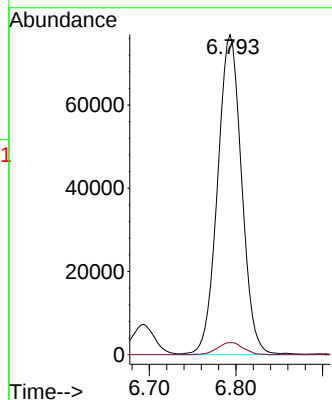
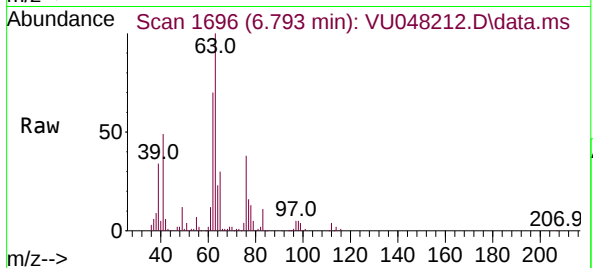
ClientSampleId :

Tgt Ion: 63 Resp: 148287

Ion Ratio Lower Upper

63 100

112 4.0 3.4 5.2



#38

Bromodichloromethane

Concen: 53.889 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.003 min

Lab File: VU048212.D

Acq: 22 Apr 2022 09:18

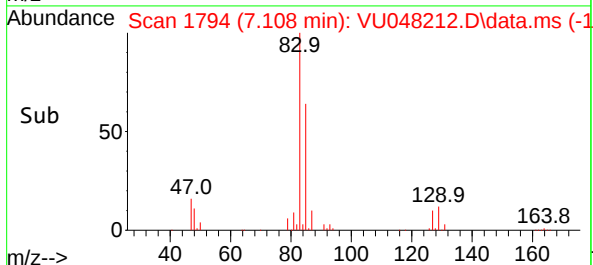
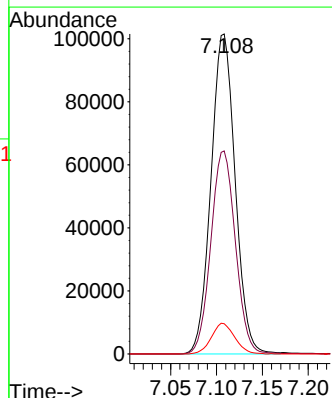
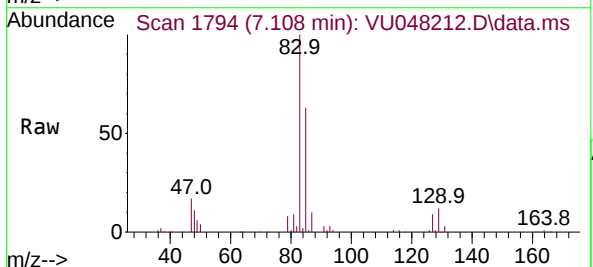
Tgt Ion: 83 Resp: 186213

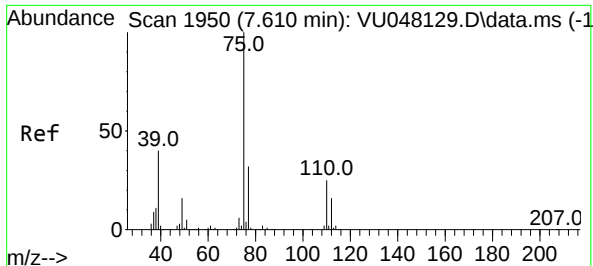
Ion Ratio Lower Upper

83 100

85 63.5 44.4 82.4

127 9.4 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 45.241 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU048212.D

Acq: 22 Apr 2022 09:18

Instrument :

MSVOA_U

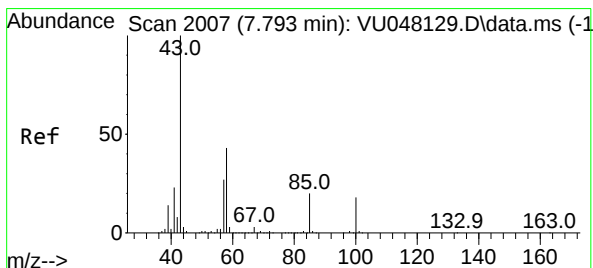
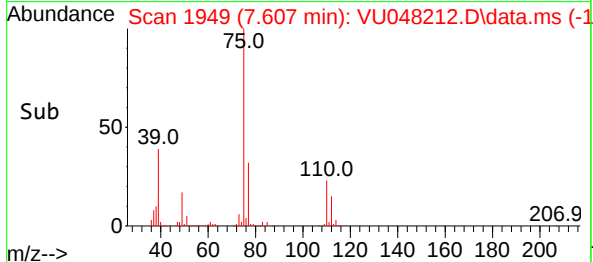
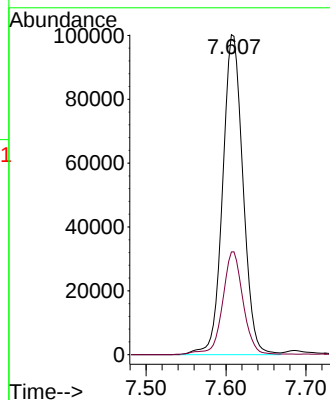
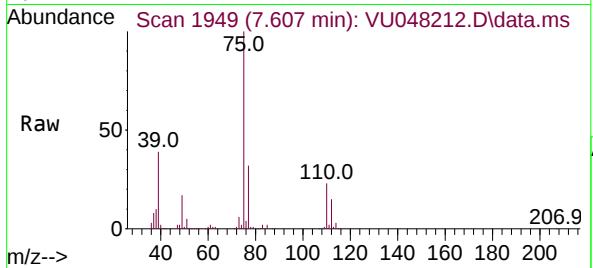
ClientSampleId :

Tgt Ion: 75 Resp: 176639

Ion Ratio Lower Upper

75 100

77 32.1 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 108.630 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VU048212.D

Acq: 22 Apr 2022 09:18

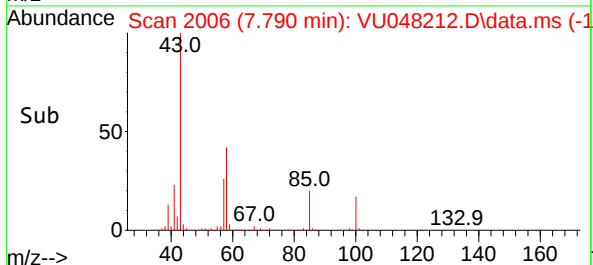
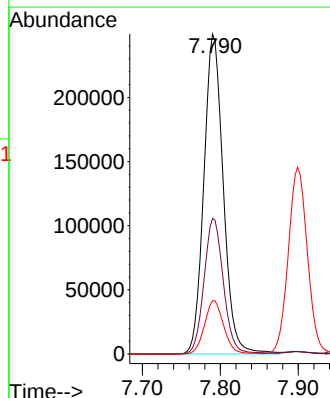
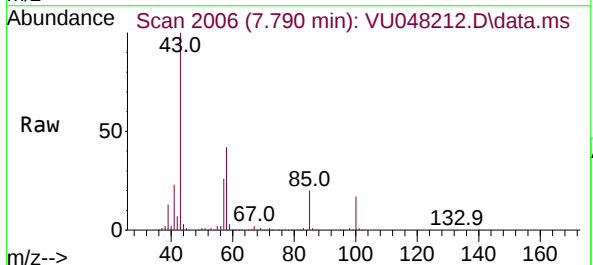
Tgt Ion: 43 Resp: 432029

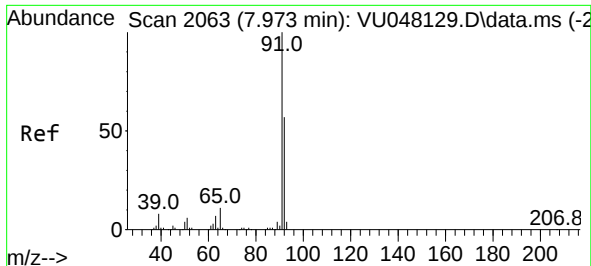
Ion Ratio Lower Upper

43 100

58 42.3 34.7 52.1

100 16.5 14.2 21.2





#42

Toluene

Concen: 51.252 ug/L

RT: 7.970 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VU048212.D

Acq: 22 Apr 2022 09:18

Instrument :

MSVOA_U

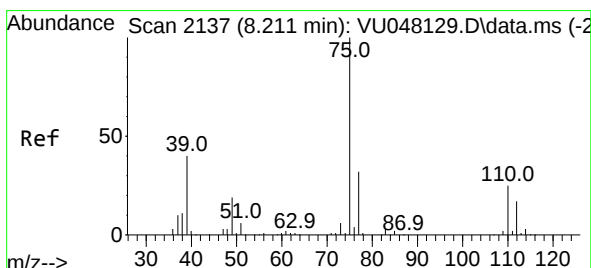
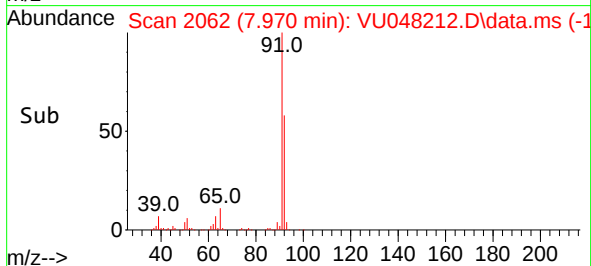
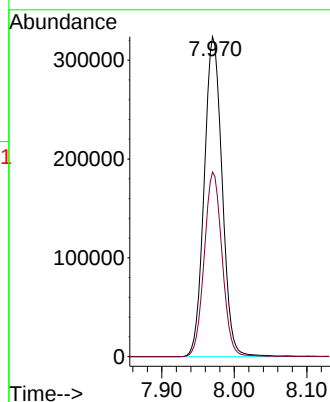
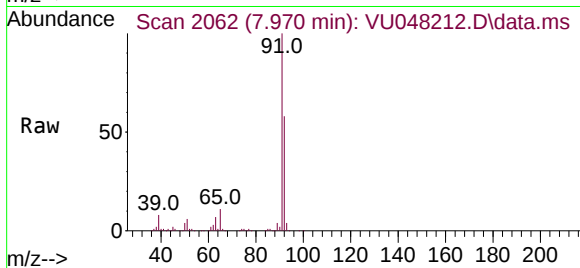
ClientSampleId :

Tgt Ion: 91 Resp: 556647

Ion Ratio Lower Upper

91 100

92 57.7 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 43.887 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU048212.D

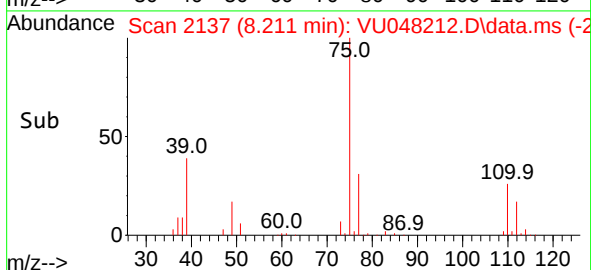
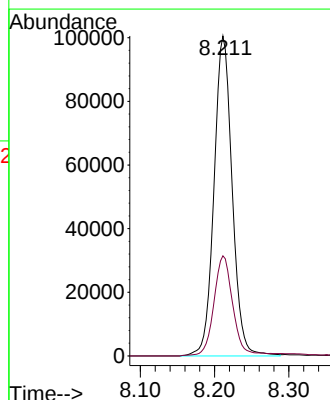
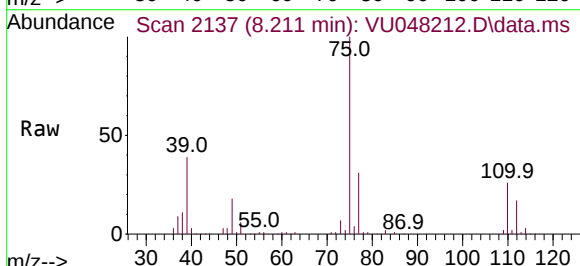
Acq: 22 Apr 2022 09:18

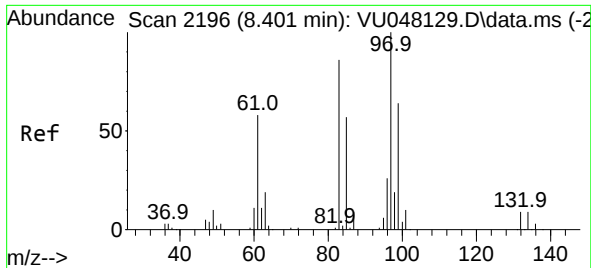
Tgt Ion: 75 Resp: 171087

Ion Ratio Lower Upper

75 100

77 31.3 22.0 40.8

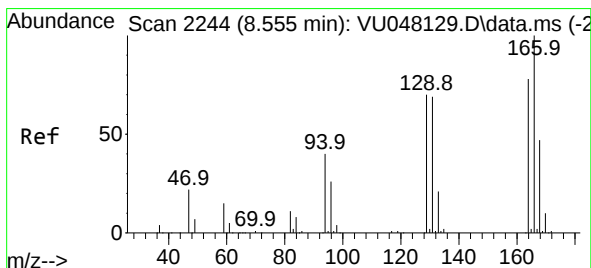
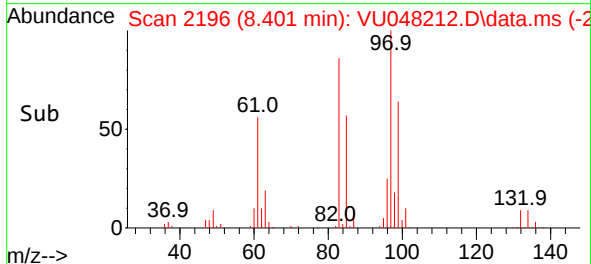
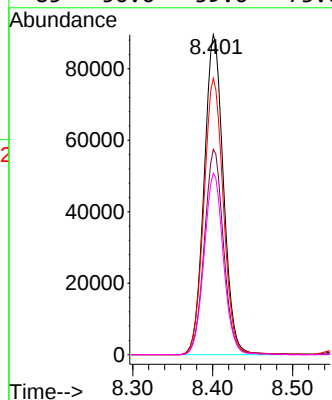
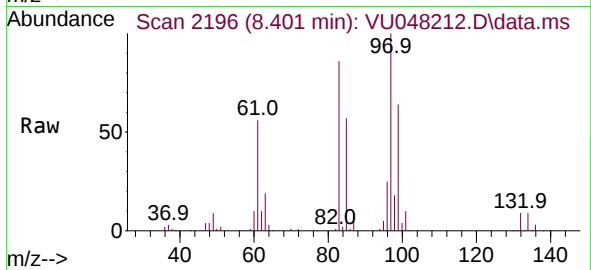




#45
1,1,2-Trichloroethane
Concen: 56.526 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU048212.D
Acq: 22 Apr 2022 09:18

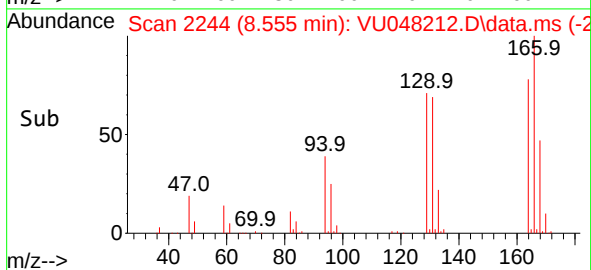
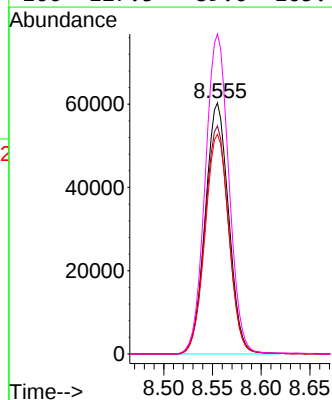
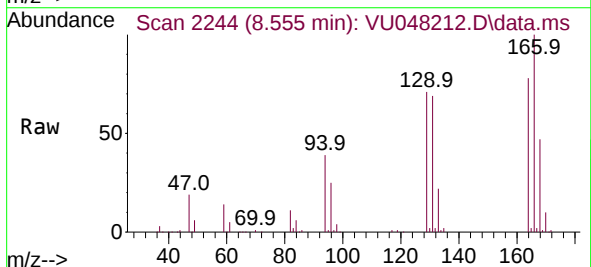
Instrument :
MSVOA_U
ClientSampleId :

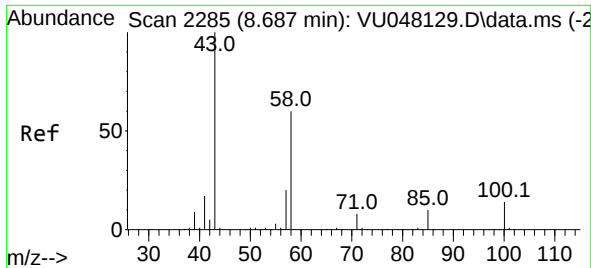
Tgt Ion:	97	Resp:	150853
Ion	Ratio	Lower	Upper
97	100		
99	64.2	43.3	80.3
83	86.3	61.0	113.4
85	56.6	39.6	73.6



#46
Tetrachloroethene
Concen: 43.291 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.003 min
Lab File: VU048212.D
Acq: 22 Apr 2022 09:18

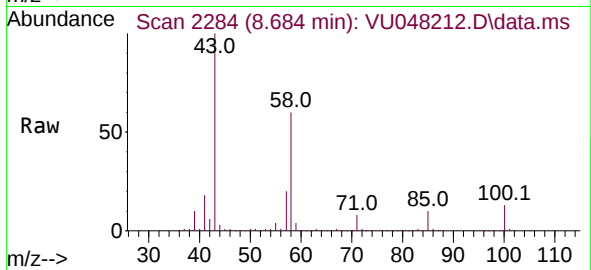
Tgt Ion:	164	Resp:	100957
Ion	Ratio	Lower	Upper
164	100		
129	90.8	62.4	116.0
131	87.5	60.7	112.7
166	127.5	89.0	165.4



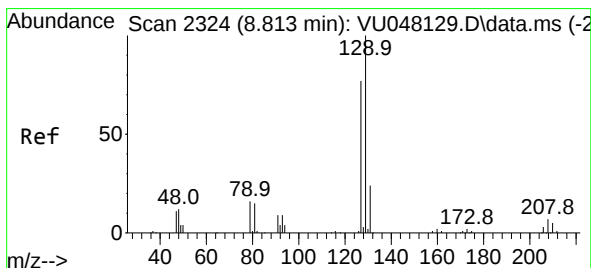
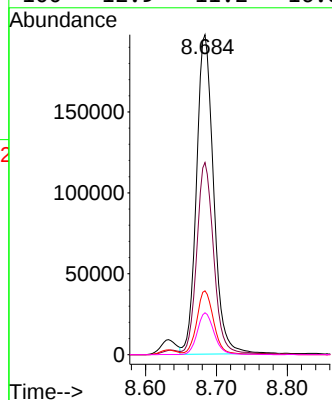
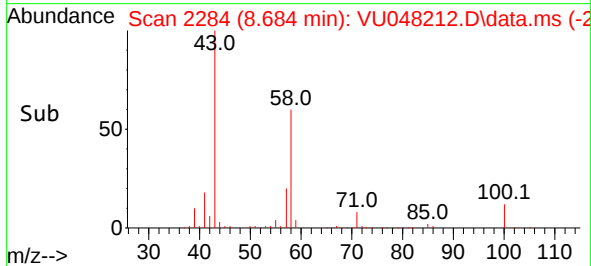


#48
2-Hexanone
Concen: 96.979 ug/L
RT: 8.684 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048212.D
Acq: 22 Apr 2022 09:18

Instrument :
MSVOA_U
ClientSampleId :

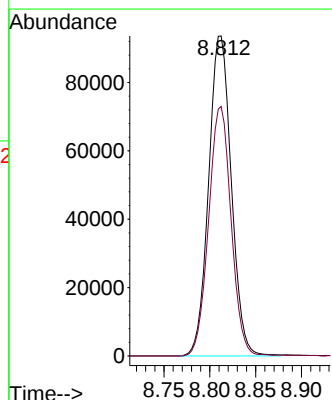
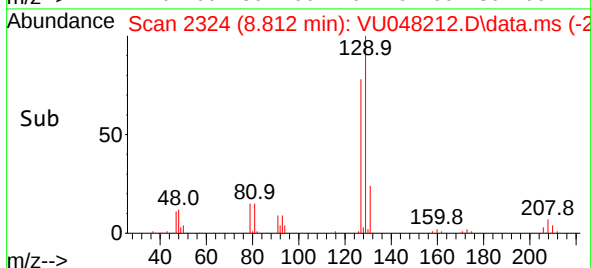
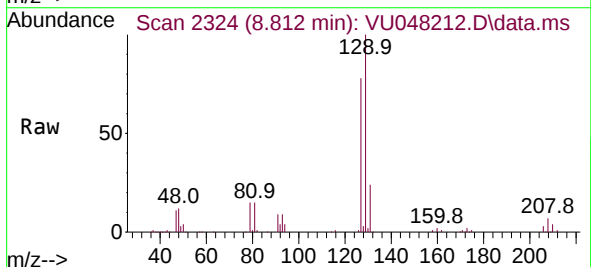


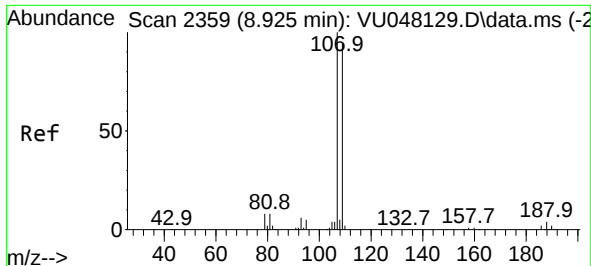
Tgt Ion: 43 Resp: 331764
Ion Ratio Lower Upper
43 100
58 58.8 48.1 72.1
57 19.7 16.2 24.4
100 12.9 11.2 16.8



#49
Dibromochloromethane
Concen: 52.113 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. 0.003 min
Lab File: VU048212.D
Acq: 22 Apr 2022 09:18

Tgt Ion: 129 Resp: 161082
Ion Ratio Lower Upper
129 100
127 78.0 54.2 100.6

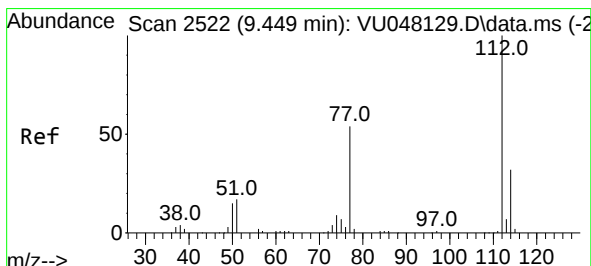
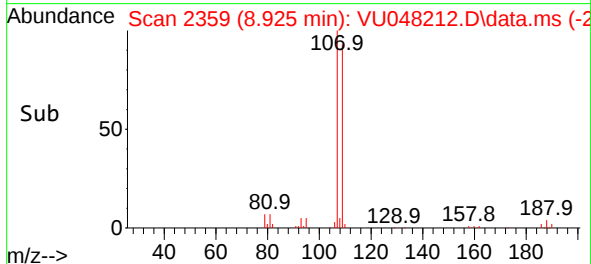
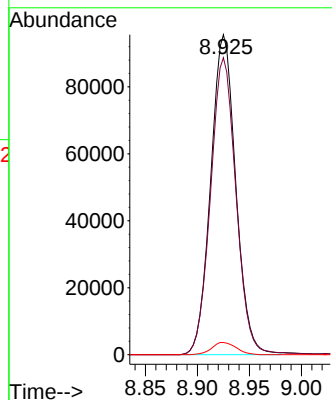
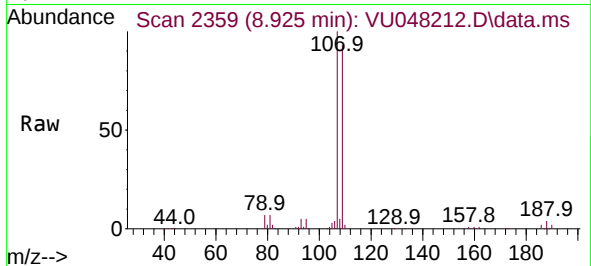




#50
1,2-Dibromoethane
Concen: 53.581 ug/L
RT: 8.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048212.D
Acq: 22 Apr 2022 09:18

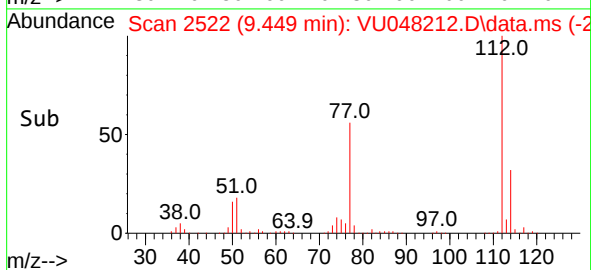
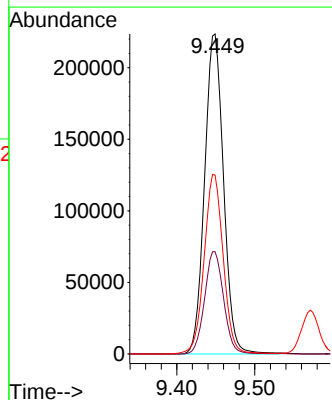
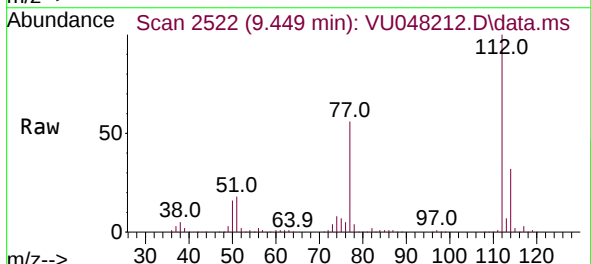
Instrument :
MSVOA_U
ClientSampleId :

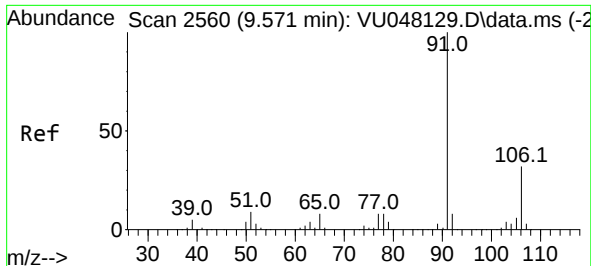
Tgt Ion:107 Resp: 160308
Ion Ratio Lower Upper
107 100
109 92.8 66.6 123.6
188 3.8 3.4 5.2



#51
Chlorobenzene
Concen: 51.220 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.003 min
Lab File: VU048212.D
Acq: 22 Apr 2022 09:18

Tgt Ion:112 Resp: 377721
Ion Ratio Lower Upper
112 100
114 32.0 22.1 41.1
77 55.9 43.4 65.0

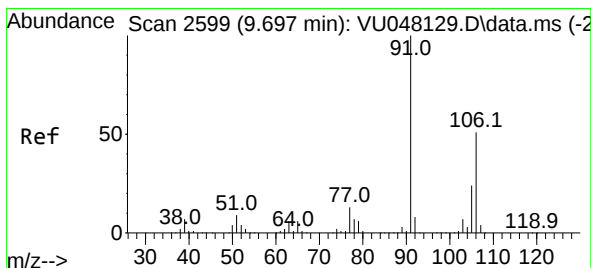
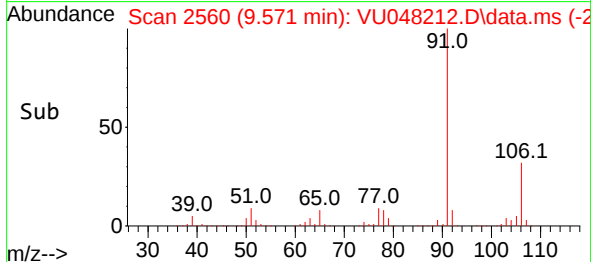
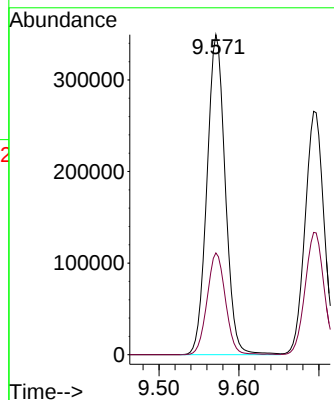
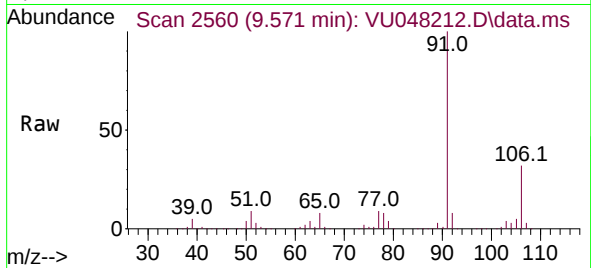




#52
Ethylbenzene
Concen: 48.690 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU048212.D
Acq: 22 Apr 2022 09:18

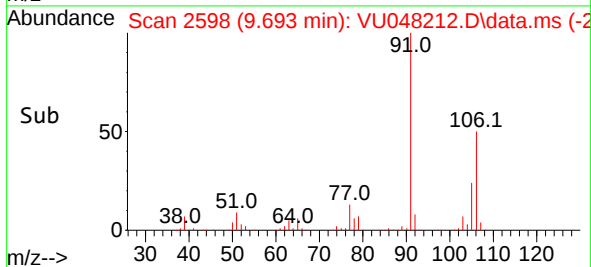
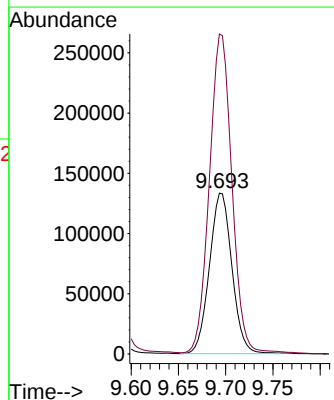
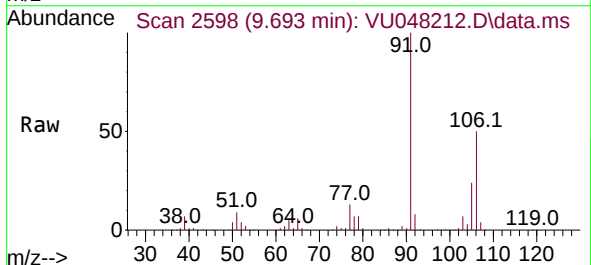
Instrument :
MSVOA_U
ClientSampleId :

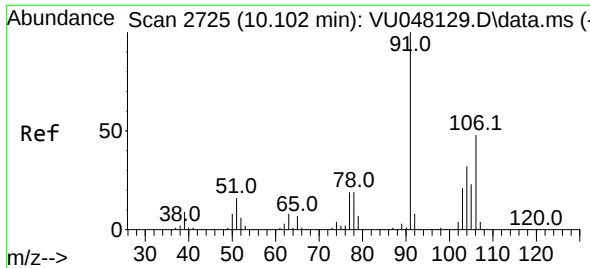
Tgt Ion: 91 Resp: 556038
Ion Ratio Lower Upper
91 100
106 31.8 22.4 41.6



#53
m,p-Xylene
Concen: 49.210 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU048212.D
Acq: 22 Apr 2022 09:18

Tgt Ion: 106 Resp: 220506
Ion Ratio Lower Upper
106 100
91 198.9 137.7 255.7

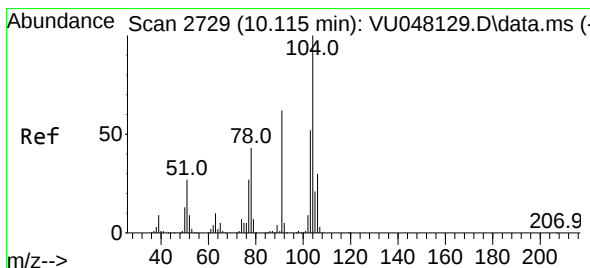
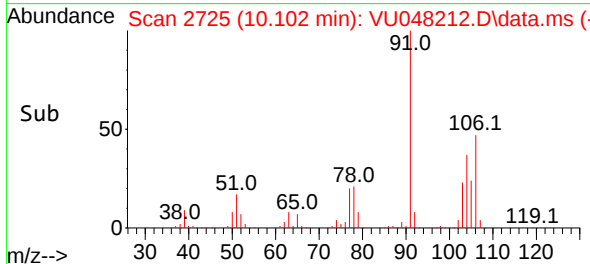
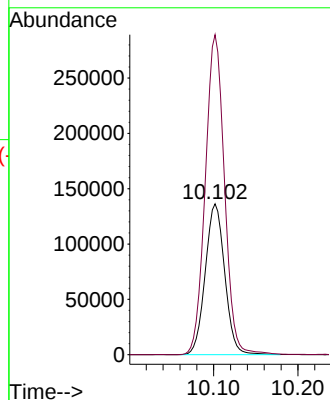
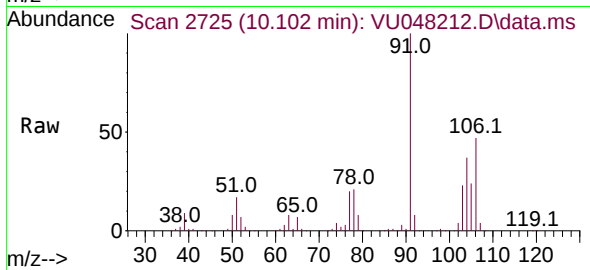




#54
o-Xylene
Concen: 49.964 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU048212.D
Acq: 22 Apr 2022 09:18

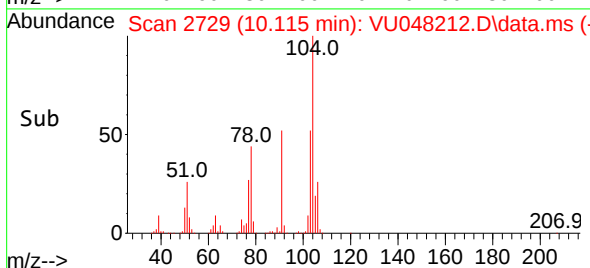
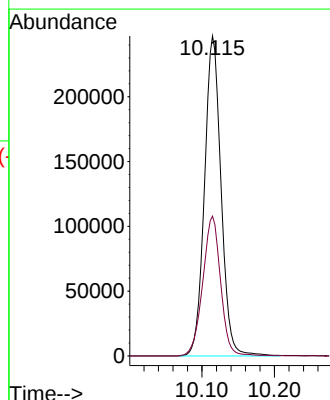
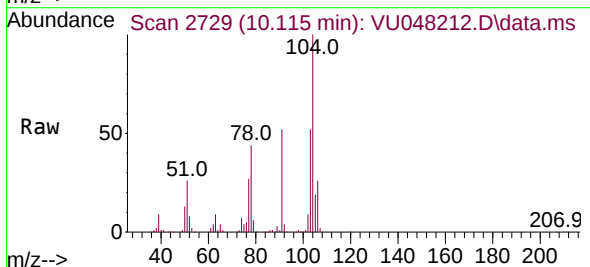
Instrument :
MSVOA_U
ClientSampleId :

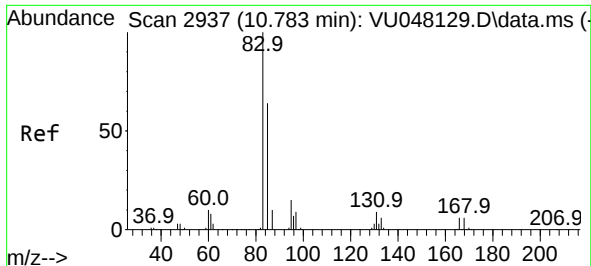
Tgt Ion:106 Resp: 219737
Ion Ratio Lower Upper
106 100
91 212.2 146.7 272.5



#55
Styrene
Concen: 52.250 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU048212.D
Acq: 22 Apr 2022 09:18

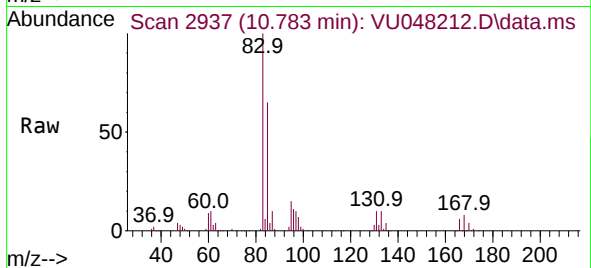
Tgt Ion:104 Resp: 392325
Ion Ratio Lower Upper
104 100
78 43.7 30.4 56.4



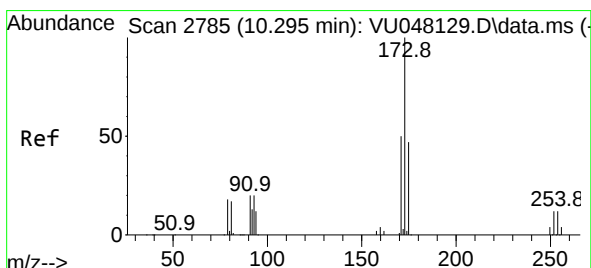
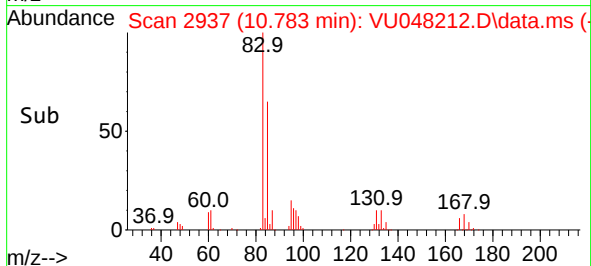
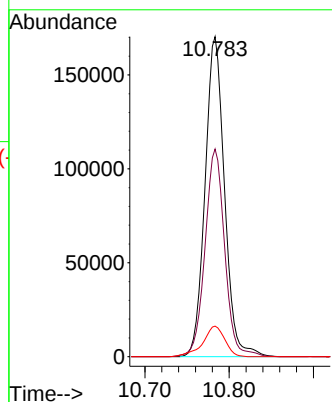


#57
 1,1,2,2-Tetrachloroethane
 Concen: 54.798 ug/L
 RT: 10.783 min Scan# 2937
 Delta R.T. 0.000 min
 Lab File: VU048212.D
 Acq: 22 Apr 2022 09:18

Instrument :
 MSVOA_U
 ClientSampleId :

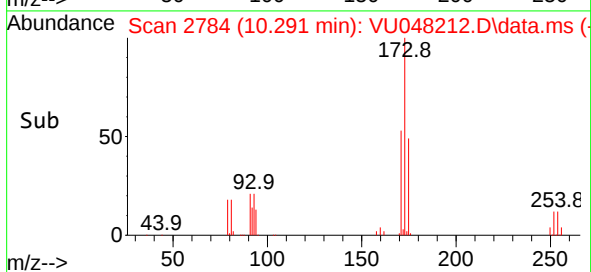
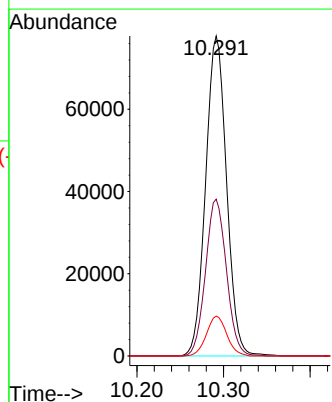
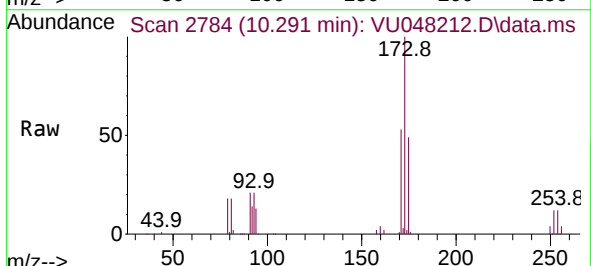


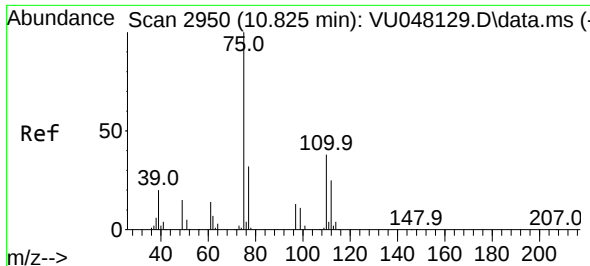
Tgt Ion: 83 Resp: 274165
 Ion Ratio Lower Upper
 83 100
 85 64.9 44.9 83.3
 131 9.5 8.6 13.0



#59
 Bromoform
 Concen: 53.269 ug/L
 RT: 10.291 min Scan# 2784
 Delta R.T. 0.000 min
 Lab File: VU048212.D
 Acq: 22 Apr 2022 09:18

Tgt Ion: 173 Resp: 130549
 Ion Ratio Lower Upper
 173 100
 175 49.0 38.7 58.1
 254 12.1 9.6 14.4

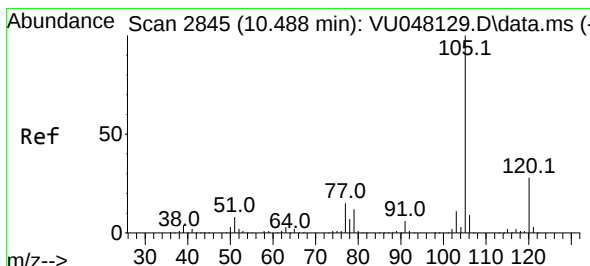
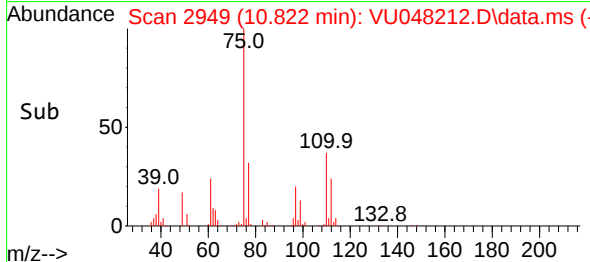
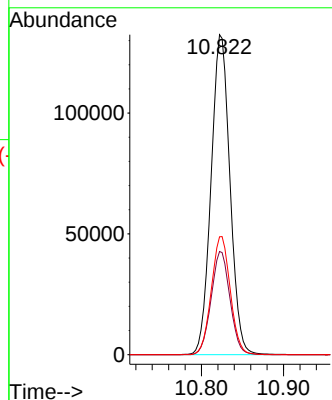
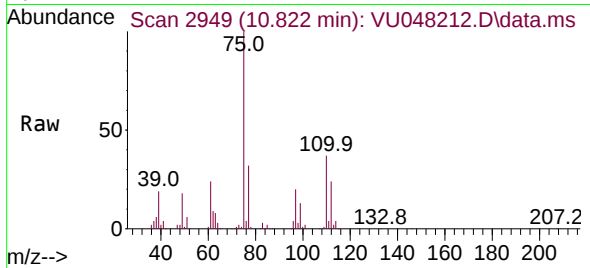




#60
1,2,3-Trichloropropane
Concen: 58.583 ug/L
RT: 10.822 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU048212.D
Acq: 22 Apr 2022 09:18

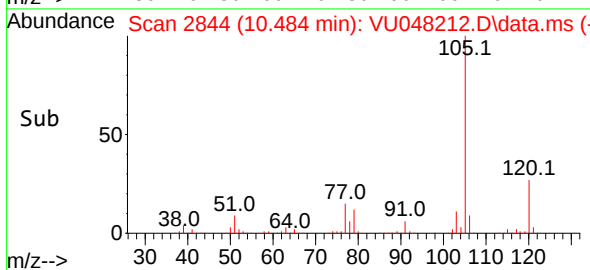
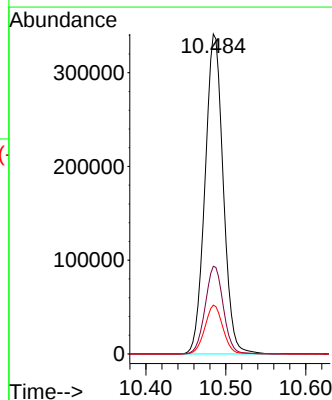
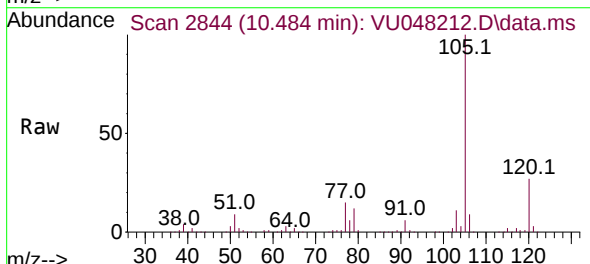
Instrument :
MSVOA_U
ClientSampleId :

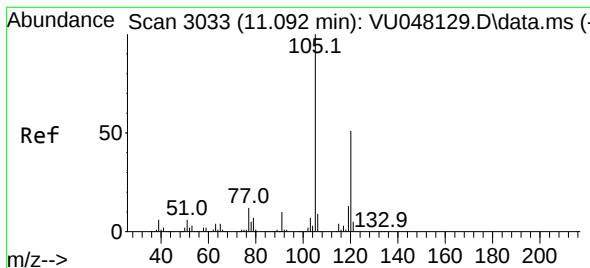
Tgt Ion: 75 Resp: 211663
Ion Ratio Lower Upper
75 100
77 32.2 26.0 39.0
110 37.0 31.4 47.2



#61
Isopropylbenzene
Concen: 52.130 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU048212.D
Acq: 22 Apr 2022 09:18

Tgt Ion: 105 Resp: 539969
Ion Ratio Lower Upper
105 100
120 27.4 21.9 32.9
77 15.2 12.1 18.1





#62

1,3,5-Trimethylbenzene

Concen: 48.673 ug/L

RT: 11.089 min Scan# 3033

Delta R.T. 0.000 min

Lab File: VU048212.D

Acq: 22 Apr 2022 09:18

Instrument :

MSVOA_U

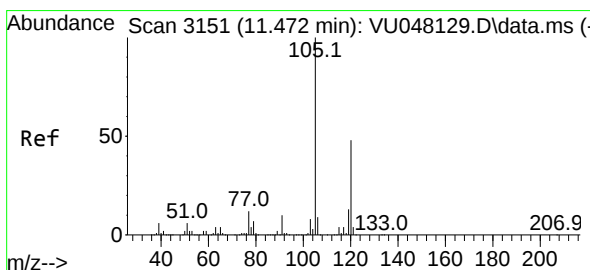
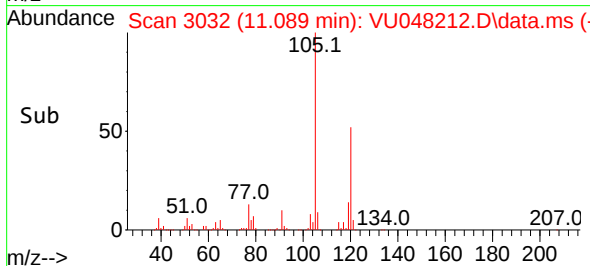
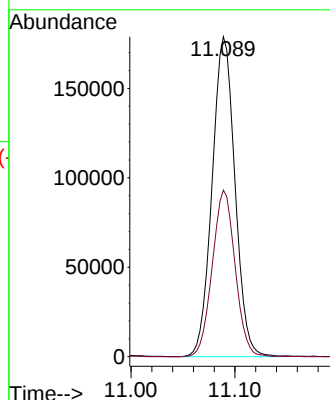
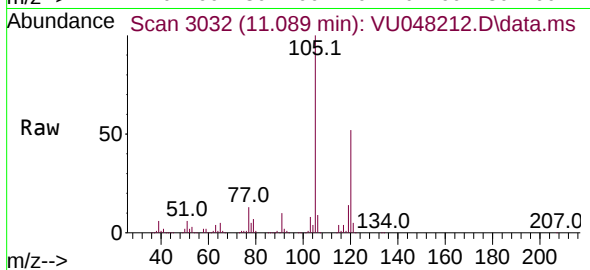
ClientSampleId :

Tgt Ion:105 Resp: 273545

Ion Ratio Lower Upper

105 100

120 51.9 40.8 61.2



#63

1,2,4-Trimethylbenzene

Concen: 51.691 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU048212.D

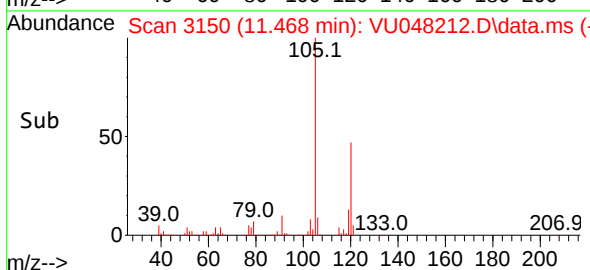
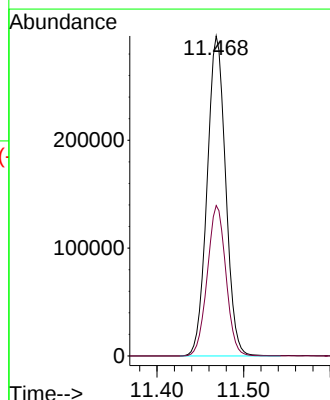
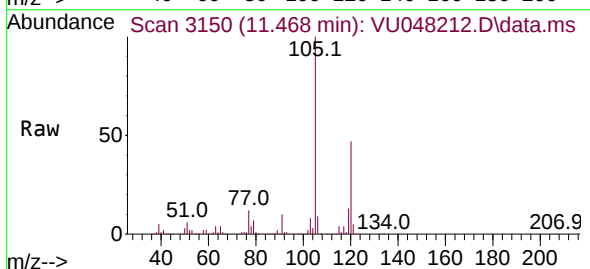
Acq: 22 Apr 2022 09:18

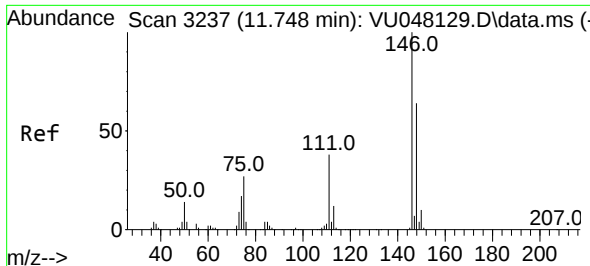
Tgt Ion:105 Resp: 441269

Ion Ratio Lower Upper

105 100

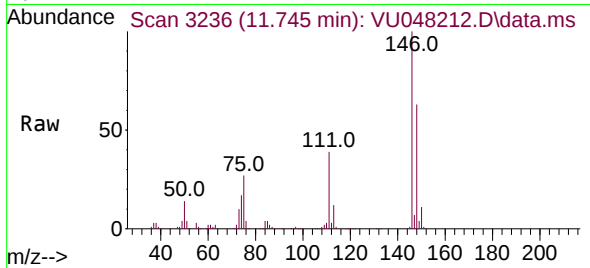
120 47.1 37.6 56.4



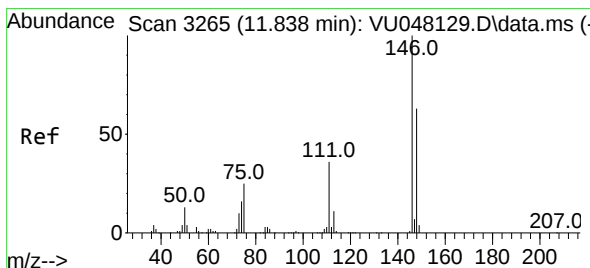
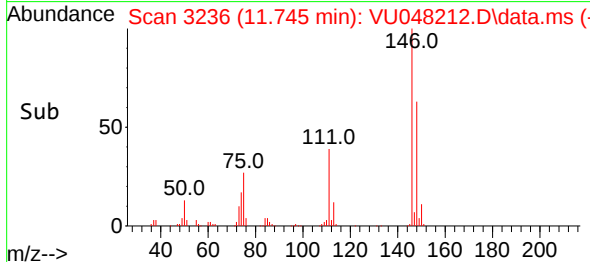
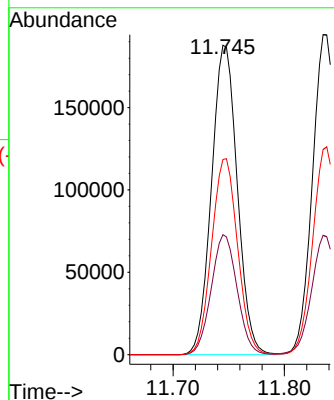


#64
 1,3-Dichlorobenzene
 Concen: 52.469 ug/L
 RT: 11.745 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU048212.D
 Acq: 22 Apr 2022 09:18

Instrument :
 MSVOA_U
 ClientSampleId :

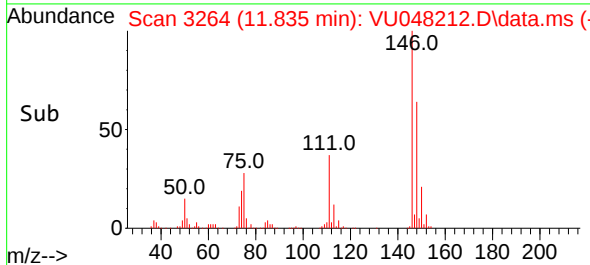
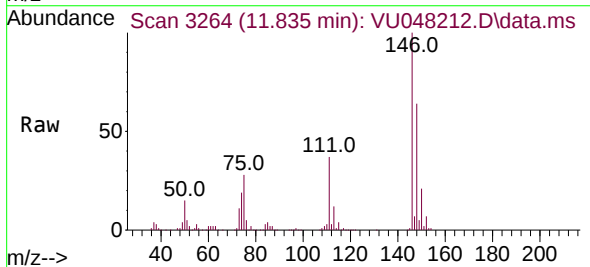
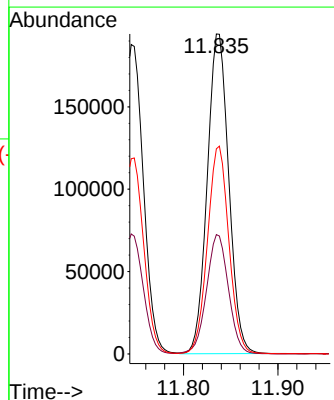


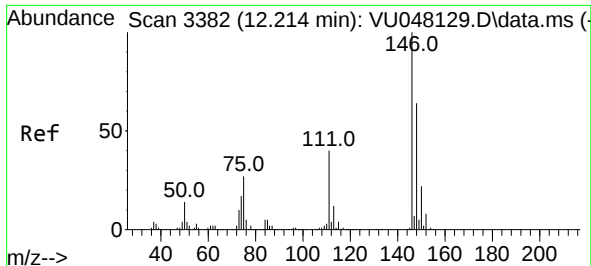
Tgt Ion:146 Resp: 302078
 Ion Ratio Lower Upper
 146 100
 111 38.8 26.7 49.7
 148 63.1 44.4 82.5



#65
 1,4-Dichlorobenzene
 Concen: 51.448 ug/L
 RT: 11.835 min Scan# 3264
 Delta R.T. 0.000 min
 Lab File: VU048212.D
 Acq: 22 Apr 2022 09:18

Tgt Ion:146 Resp: 306799
 Ion Ratio Lower Upper
 146 100
 111 37.3 25.3 47.1
 148 64.1 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 55.058 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU048212.D

Acq: 22 Apr 2022 09:18

Instrument :

MSVOA_U

ClientSampleId :

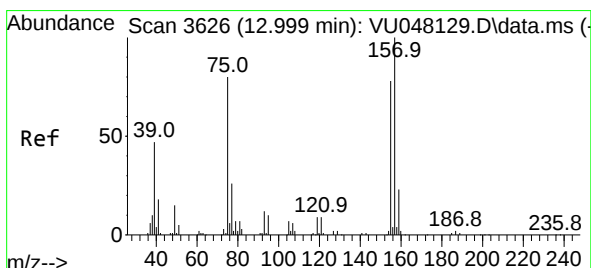
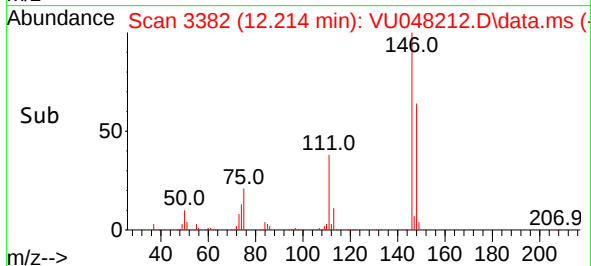
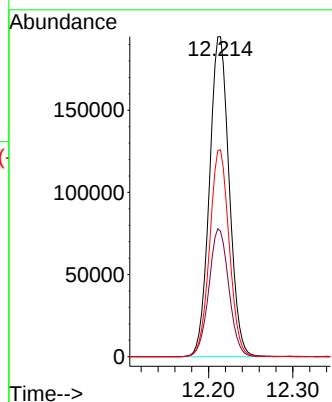
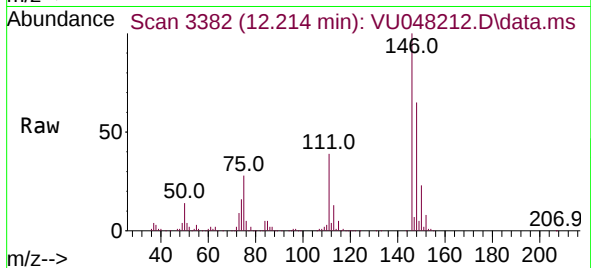
Tgt Ion:146 Resp: 317171

Ion Ratio Lower Upper

146 100

111 39.2 31.7 47.5

148 64.6 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 51.351 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. 0.003 min

Lab File: VU048212.D

Acq: 22 Apr 2022 09:18

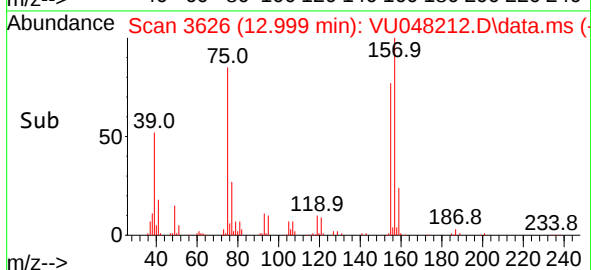
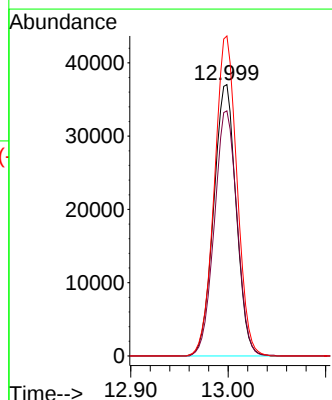
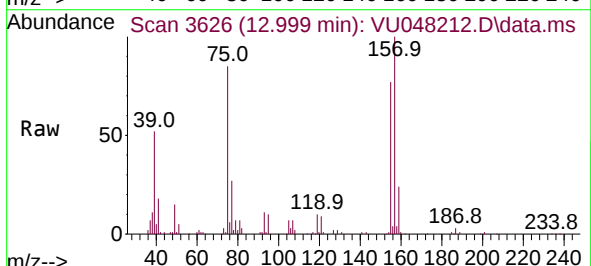
Tgt Ion: 75 Resp: 59430

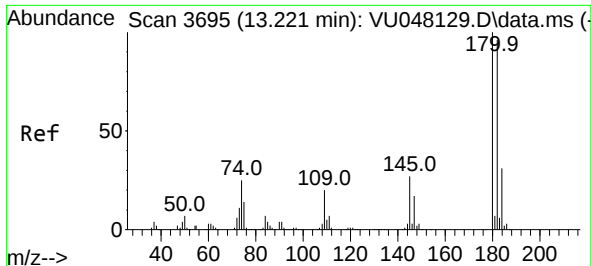
Ion Ratio Lower Upper

75 100

155 90.4 78.9 118.3

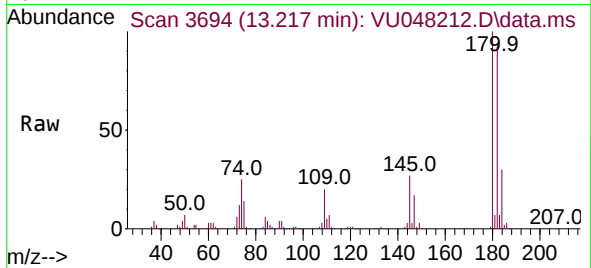
157 117.9 97.5 146.3



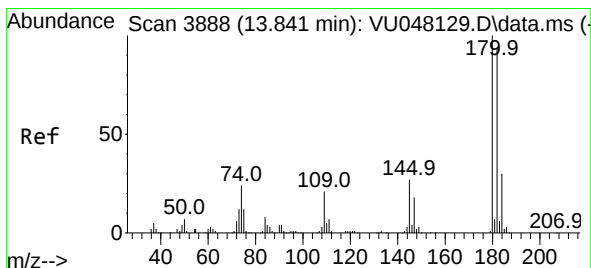
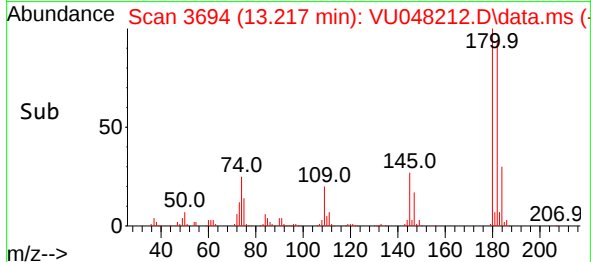
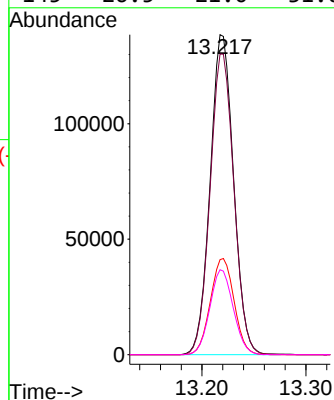


#69
 1,3,5-Trichlorobenzene
 Concen: 46.405 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. -0.003 min
 Lab File: VU048212.D
 Acq: 22 Apr 2022 09:18

Instrument :
 MSVOA_U
 ClientSampleId :

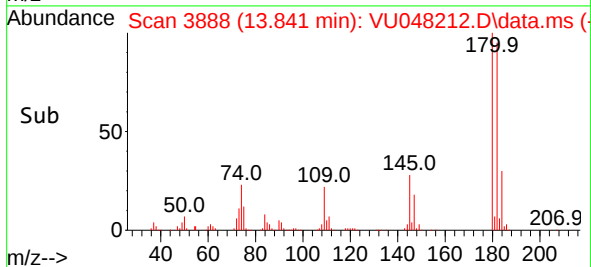
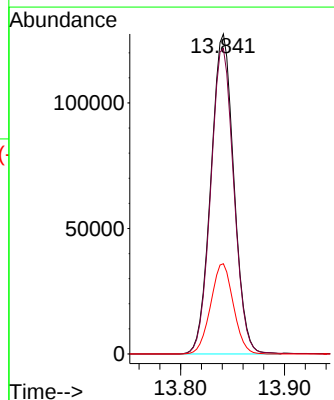
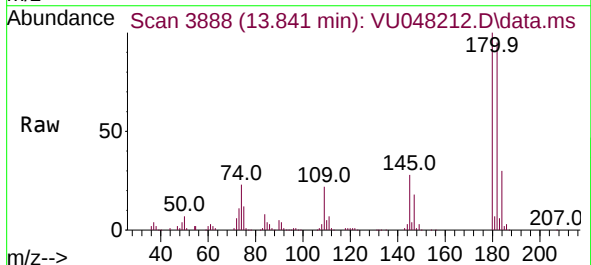


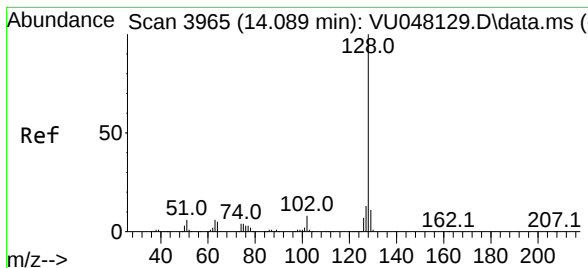
Tgt Ion:180 Resp: 216976
 Ion Ratio Lower Upper
 180 100
 182 95.4 77.0 115.6
 184 30.4 24.5 36.7
 145 26.5 21.0 31.6



#70
 1,2,4-trichlorobenzene
 Concen: 47.863 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU048212.D
 Acq: 22 Apr 2022 09:18

Tgt Ion:180 Resp: 196020
 Ion Ratio Lower Upper
 180 100
 182 96.0 76.2 114.2
 145 27.9 21.8 32.8





#71

Naphthalene

Concen: 49.997 ug/L

RT: 14.085 min Scan# 3965

Delta R.T. 0.000 min

Lab File: VU048212.D

Acq: 22 Apr 2022 09:18

Instrument :

MSVOA_U

ClientSampleId :

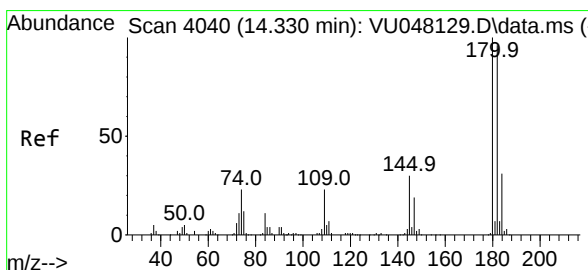
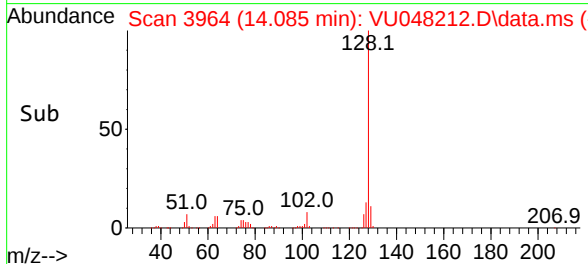
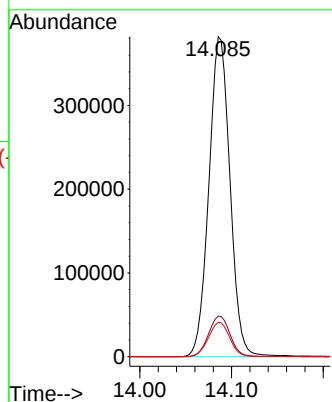
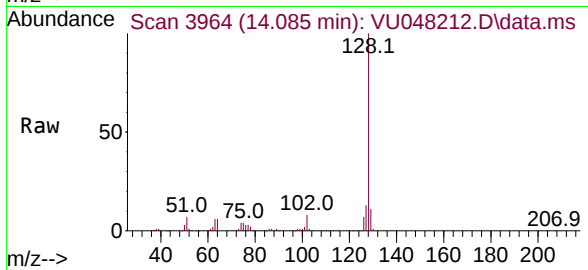
Tgt Ion:128 Resp: 610479

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

129 10.9 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 51.479 ug/L

RT: 14.330 min Scan# 4040

Delta R.T. 0.000 min

Lab File: VU048212.D

Acq: 22 Apr 2022 09:18

Tgt Ion:180 Resp: 211353

Ion Ratio Lower Upper

180 100

182 95.6 77.4 116.0

145 29.4 22.8 34.2

