

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042222\
 Data File : VU048238.D
 Acq On : 22 Apr 2022 20:31
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 22 22:05:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 22 21:59:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	334466	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	333958	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	201202	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	117274	48.352	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.700%
7) Chloroethane-d5	1.887	69	71632	37.456	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.920%
11) 1,1-Dichloroethene-d2	2.562	63	193815	43.676	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.360%
21) 2-Butanone-d5	4.626	46	181725	87.292	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.290%
24) Chloroform-d	5.063	84	200975	45.286	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.580%
26) 1,2-Dichloroethane-d4	5.703	65	122313	44.937	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.880%
32) Benzene-d6	5.726	84	414286	49.300	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.600%
36) 1,2-Dichloropropane-d6	6.690	67	131957	51.132	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.260%
41) Toluene-d8	7.899	98	372897	45.546	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.100%
43) trans-1,3-Dichloroprop...	8.179	79	55362	42.343	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.680%
47) 2-Hexanone-d5	8.639	63	142822	94.536	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.540%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	230733	52.096	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	163024	45.543	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	125288	40.405	ug/L	99
3) Chloromethane	1.520	50	139906	47.179	ug/L	99
5) Vinyl chloride	1.607	62	142334	47.062	ug/L	100
6) Bromomethane	1.838	94	54560	33.517	ug/L	96
8) Chloroethane	1.909	64	89816	47.307	ug/L	99
9) Trichlorofluoromethane	2.124	101	193638	45.404	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	121940	49.464	ug/L	99
12) 1,1-Dichloroethene	2.575	96	106982	46.630	ug/L	85
13) Acetone	2.629	43	142765	73.692	ug/L	99
14) Carbon disulfide	2.787	76	255545	35.237	ug/L	99
15) Methyl Acetate	2.948	43	159746	51.711	ug/L	96
16) Methylene chloride	3.044	84	141584	53.778	ug/L	98
17) trans-1,2-Dichloroethene	3.349	96	114969	46.459	ug/L	94
18) Methyl tert-butyl Ether	3.366	73	382358	54.768	ug/L	97
19) 1,1-Dichloroethane	3.867	63	237882	55.738	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	139136	51.286	ug/L	90
22) 2-Butanone	4.706	43	242128	97.023	ug/L	96
23) Bromochloromethane	4.976	128	74844	50.247	ug/L	96
25) Chloroform	5.089	83	244544	53.221	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042222\
 Data File : VU048238.D
 Acq On : 22 Apr 2022 20:31
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

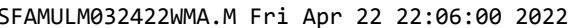
Instrument :
 MSVOA_U
 ClientSampleId :

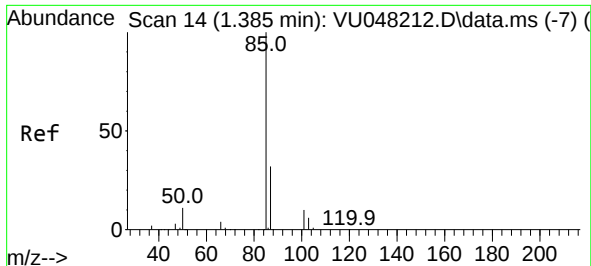
Quant Time: Apr 22 22:05:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 22 21:59:27 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	181186	51.039	ug/L	99
29) Cyclohexane	5.388	56	172534	50.914	ug/L	95
30) 1,1,1-Trichloroethane	5.314	97	197503	52.156	ug/L	100
31) Carbon tetrachloride	5.523	117	166648	48.736	ug/L	100
33) Benzene	5.774	78	540445	55.909	ug/L	100
34) Trichloroethene	6.539	95	127526	50.321	ug/L	99
35) Methylcyclohexane	6.761	83	179985	46.683	ug/L	96
37) 1,2-Dichloropropane	6.790	63	150295	61.161	ug/L	99
38) Bromodichloromethane	7.105	83	181631	53.824	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	198695	52.111	ug/L	98
40) 4-Methyl-2-pentanone	7.796	43	473926	122.025	ug/L	98
42) Toluene	7.970	91	557507	52.563	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	195084	51.243	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	151670	58.196	ug/L	100
46) Tetrachloroethene	8.552	164	106451	46.742	ug/L	99
48) 2-Hexanone	8.690	43	400240	119.803	ug/L	99
49) Dibromochloromethane	8.812	129	162336	53.779	ug/L	99
50) 1,2-Dibromoethane	8.925	107	155916	53.364	ug/L	100
51) Chlorobenzene	9.449	112	379329	52.672	ug/L	97
52) Ethylbenzene	9.571	91	561689	50.365	ug/L	100
53) m,p-Xylene	9.693	106	225005	51.419	ug/L	100
54) o-Xylene	10.102	106	231217	53.836	ug/L	100
55) Styrene	10.115	104	401672	54.778	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	310280	63.505	ug/L	99
59) Bromoform	10.295	173	137626	53.492	ug/L	100
60) 1,2,3-Trichloropropane	10.825	75	237599	62.642	ug/L	98
61) Isopropylbenzene	10.484	105	573459	52.737	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	303444	51.432	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	481265	53.701	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	315934	52.273	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	318957	50.949	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	358090	59.212	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.995	75	59123	48.662	ug/L	96
69) 1,3,5-Trichlorobenzene	13.220	180	225142	45.867	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	200521	46.639	ug/L	99
71) Naphthalene	14.089	128	528174	41.204	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	196826	45.666	ug/L	98

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

Quant Time: Apr 22 22:05:51 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 22 21:59:27 2022
Response via : Initial Calibration

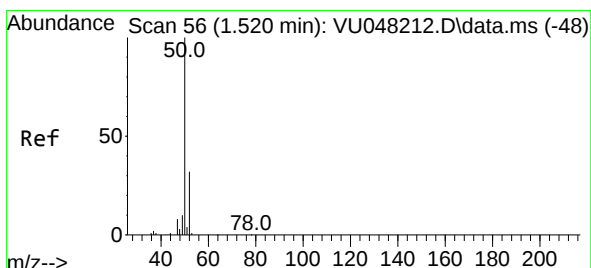
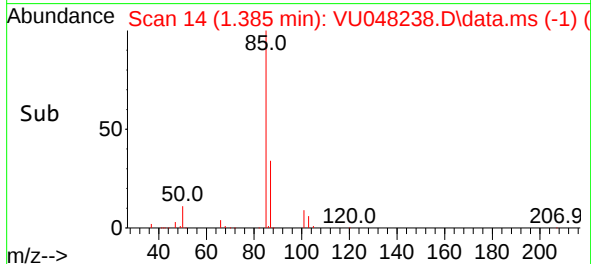
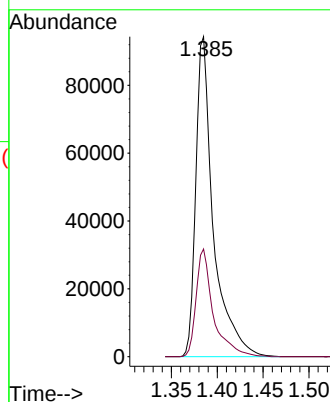
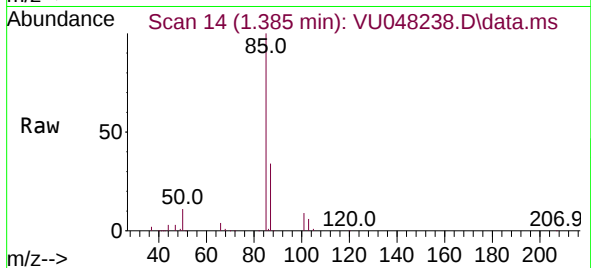




#2
Dichlorodifluoromethane
Concen: 40.405 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU048238.D
Acq: 22 Apr 2022 20:31

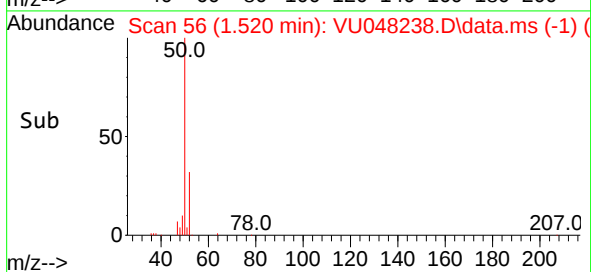
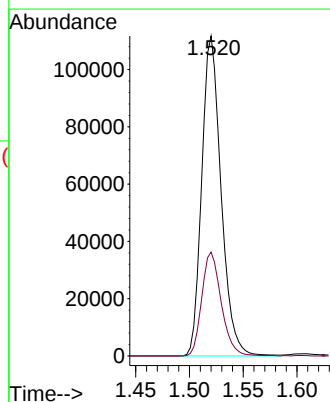
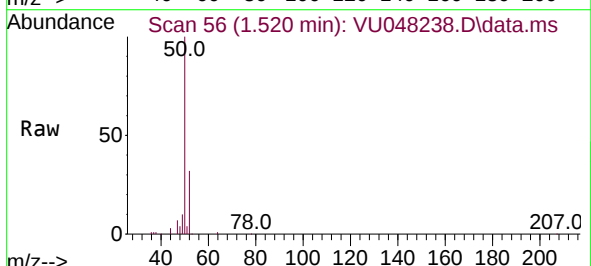
Instrument :
MSVOA_U
ClientSampleId :

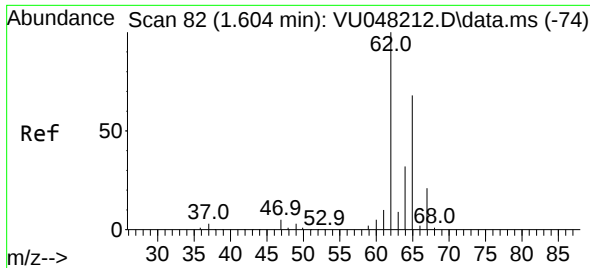
Tgt Ion: 85 Resp: 125288
Ion Ratio Lower Upper
85 100
87 33.1 25.8 38.8



#3
Chloromethane
Concen: 47.179 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU048238.D
Acq: 22 Apr 2022 20:31

Tgt Ion: 50 Resp: 139906
Ion Ratio Lower Upper
50 100
52 32.4 23.2 43.2

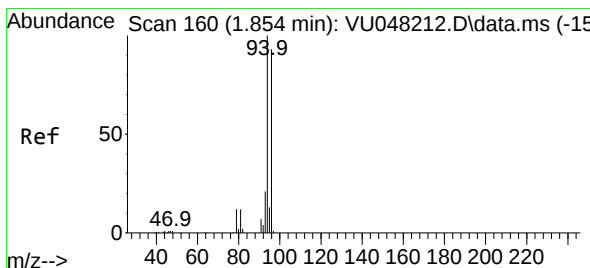
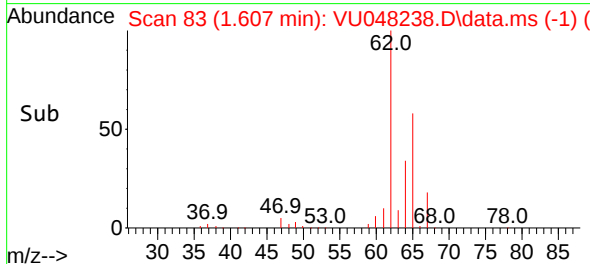
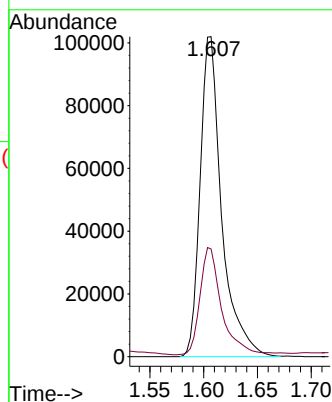
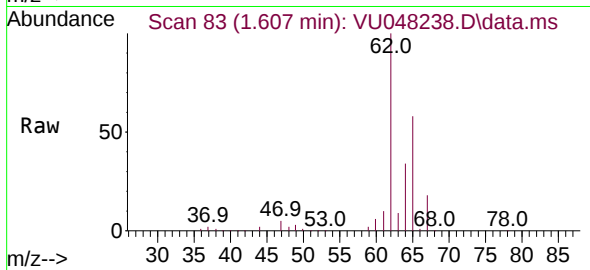




#5
 Vinyl chloride
 Concen: 47.062 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VU048238.D
 Acq: 22 Apr 2022 20:31

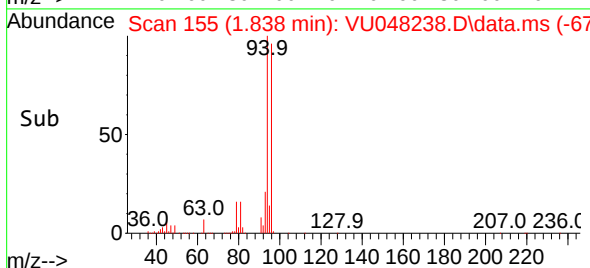
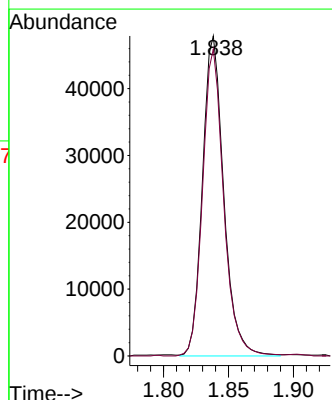
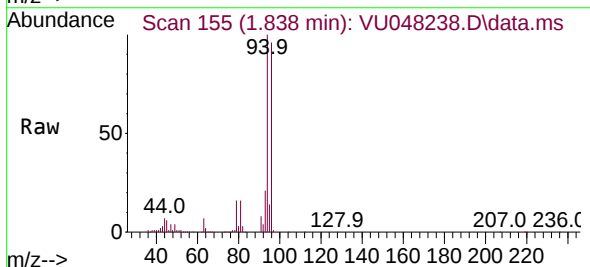
Instrument :
 MSVOA_U
 ClientSampleId :

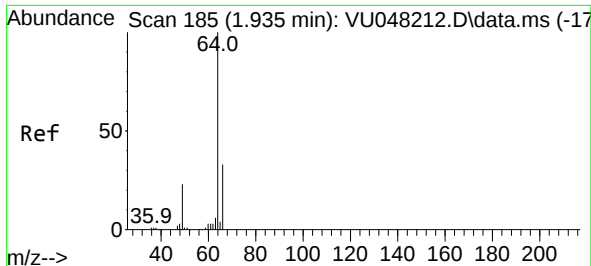
Tgt Ion: 62 Resp: 142334
 Ion Ratio Lower Upper
 62 100
 64 33.6 23.7 43.9



#6
 Bromomethane
 Concen: 33.517 ug/L
 RT: 1.838 min Scan# 155
 Delta R.T. -0.016 min
 Lab File: VU048238.D
 Acq: 22 Apr 2022 20:31

Tgt Ion: 94 Resp: 54560
 Ion Ratio Lower Upper
 94 100
 96 95.9 64.8 120.3

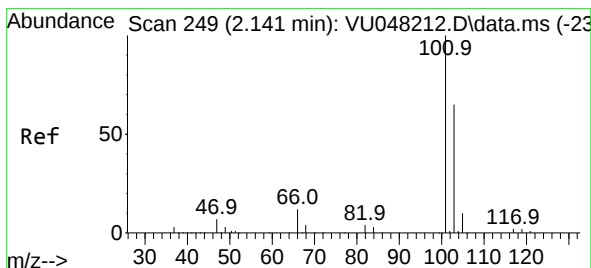
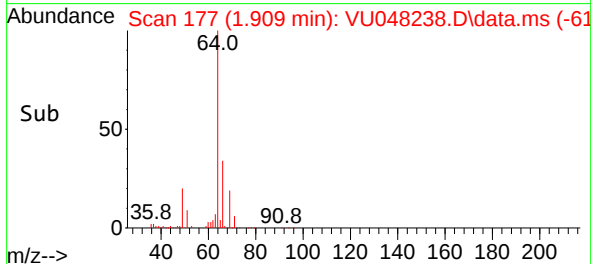
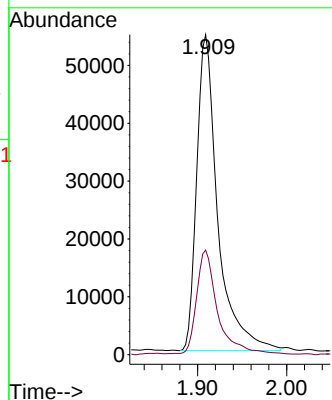
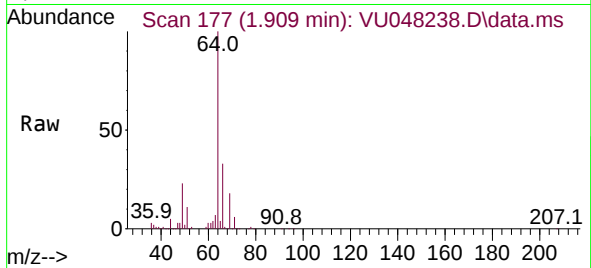




#8
Chloroethane
Concen: 47.307 ug/L
RT: 1.909 min Scan# 11
Delta R.T. -0.026 min
Lab File: VU048238.D
Acq: 22 Apr 2022 20:31

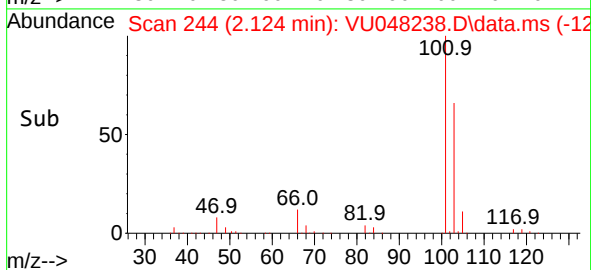
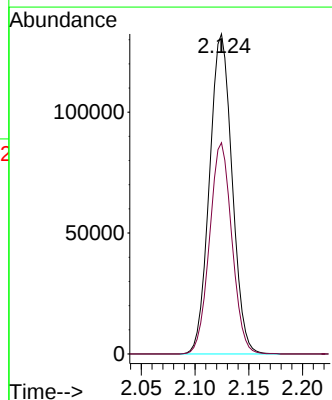
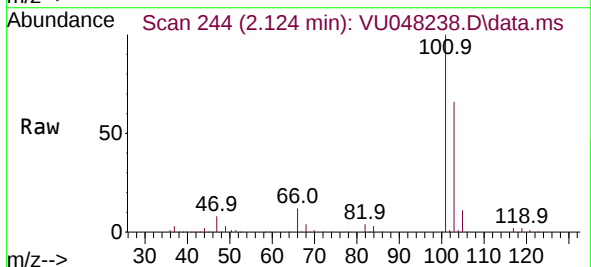
Instrument :
MSVOA_U
ClientSampleId :

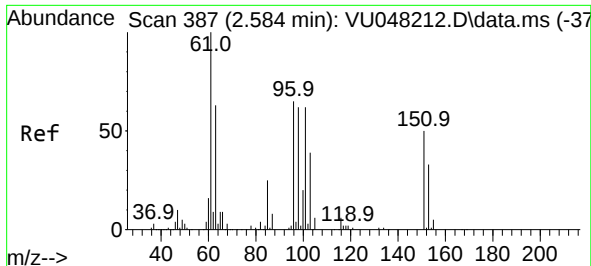
Tgt Ion: 64 Resp: 89816
Ion Ratio Lower Upper
64 100
66 32.7 23.3 43.3



#9
Trichlorofluoromethane
Concen: 45.404 ug/L
RT: 2.124 min Scan# 244
Delta R.T. -0.016 min
Lab File: VU048238.D
Acq: 22 Apr 2022 20:31

Tgt Ion: 101 Resp: 193638
Ion Ratio Lower Upper
101 100
103 65.1 51.4 77.2

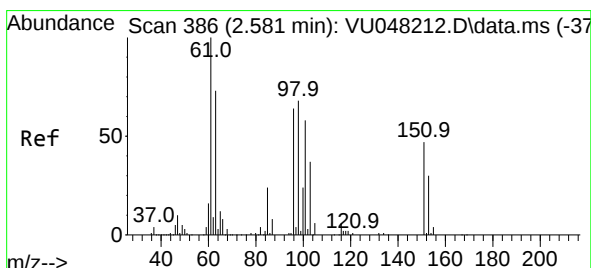
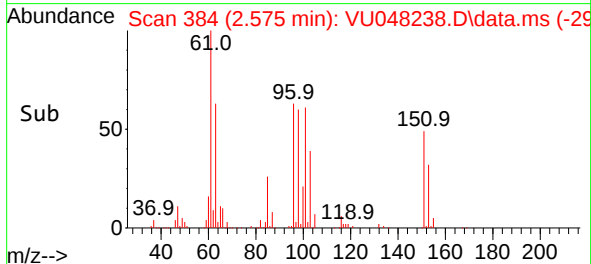
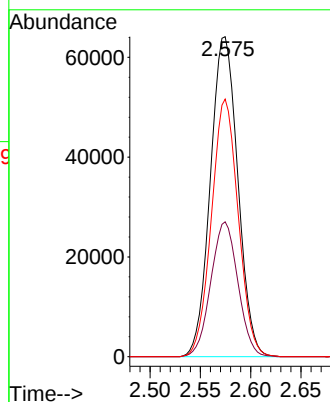
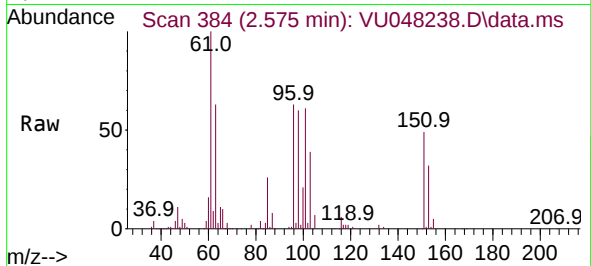




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 49.464 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.010 min
 Lab File: VU048238.D
 Acq: 22 Apr 2022 20:31

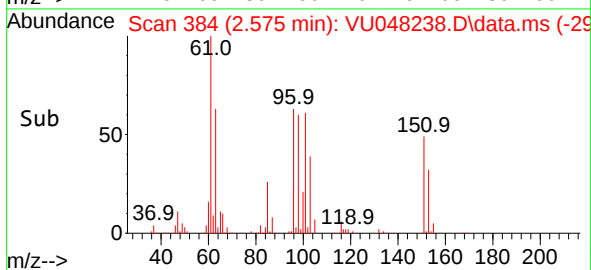
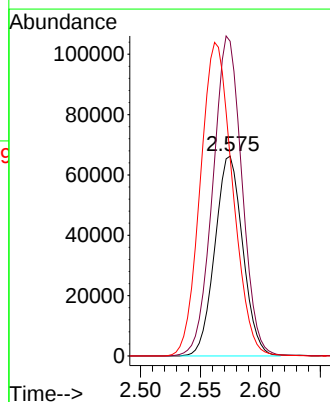
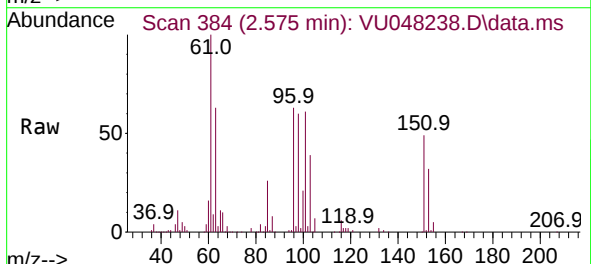
Instrument :
 MSVOA_U
 ClientSampleId :

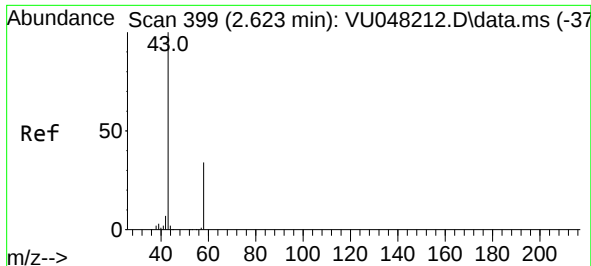
Tgt Ion:101 Resp: 121940
 Ion Ratio Lower Upper
 101 100
 85 41.5 32.8 49.2
 151 78.4 63.0 94.6



#12
 1,1-Dichloroethene
 Concen: 46.630 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.006 min
 Lab File: VU048238.D
 Acq: 22 Apr 2022 20:31

Tgt Ion: 96 Resp: 106982
 Ion Ratio Lower Upper
 96 100
 61 157.5 113.1 210.1
 63 99.3 94.8 176.0





#13

Acetone

Concen: 73.692 ug/L

RT: 2.629 min Scan# 401

Delta R.T. 0.006 min

Lab File: VU048238.D

Acq: 22 Apr 2022 20:31

Instrument :

MSVOA_U

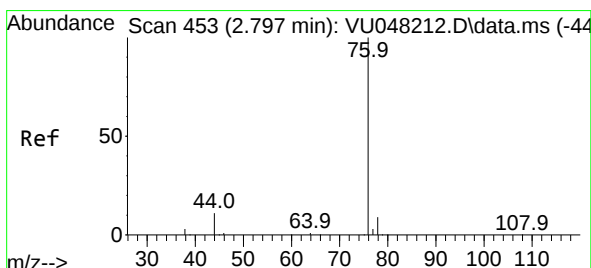
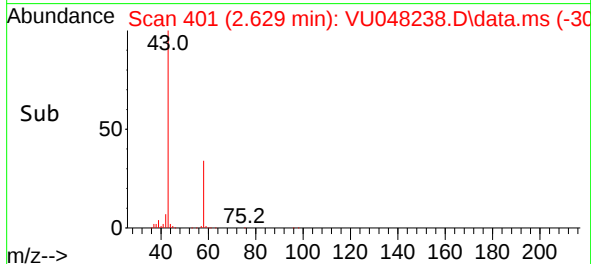
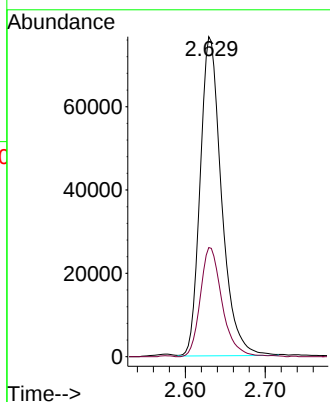
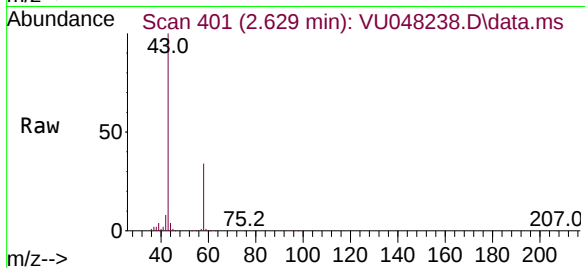
ClientSampleId :

Tgt Ion: 43 Resp: 142765

Ion Ratio Lower Upper

43 100

58 34.7 0.0 70.0



#14

Carbon disulfide

Concen: 35.237 ug/L

RT: 2.787 min Scan# 450

Delta R.T. -0.010 min

Lab File: VU048238.D

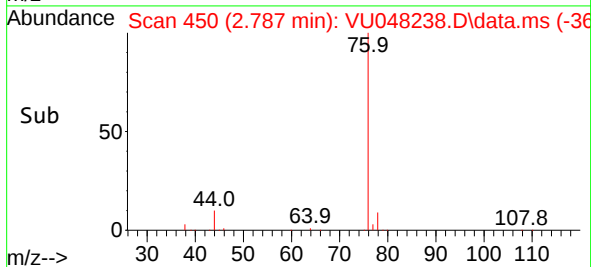
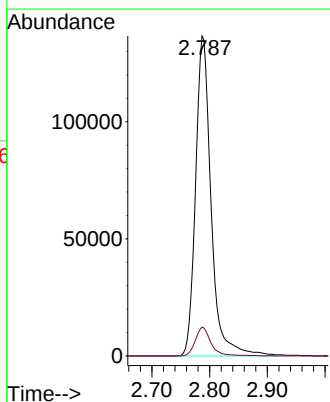
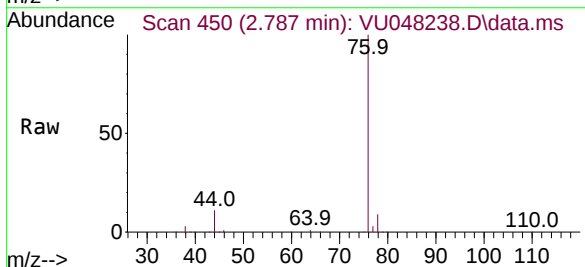
Acq: 22 Apr 2022 20:31

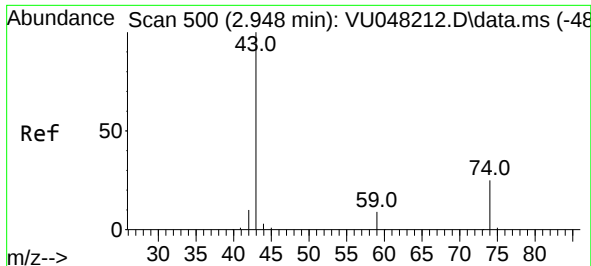
Tgt Ion: 76 Resp: 255545

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0

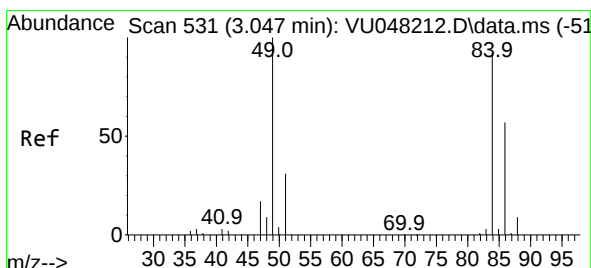
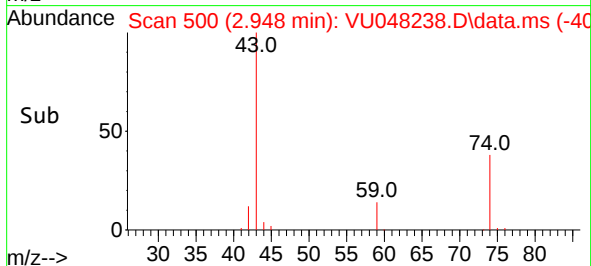
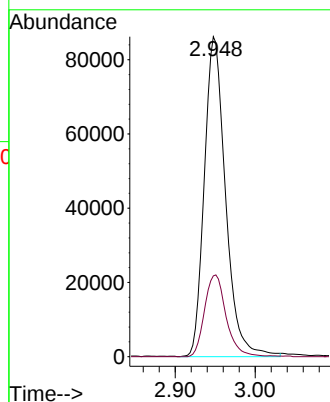
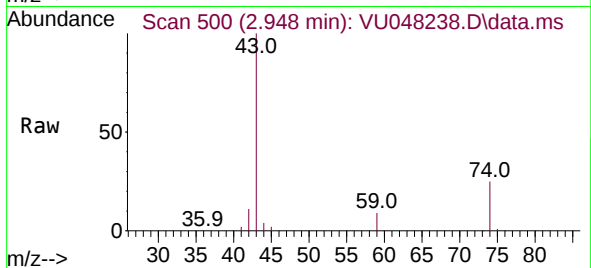




#15
Methyl Acetate
Concen: 51.711 ug/L
RT: 2.948 min Scan# 500
Delta R.T. -0.000 min
Lab File: VU048238.D
Acq: 22 Apr 2022 20:31

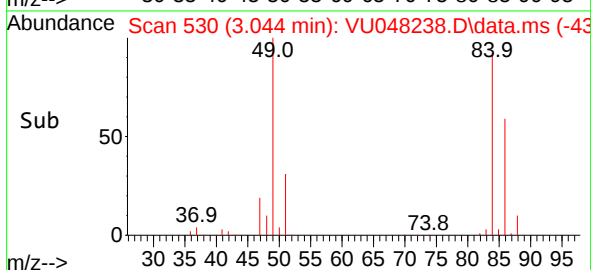
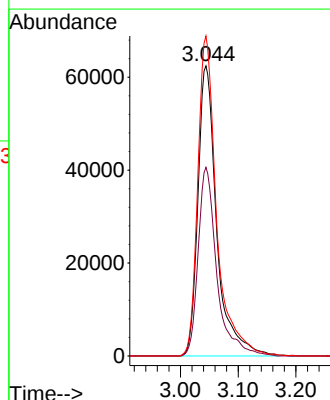
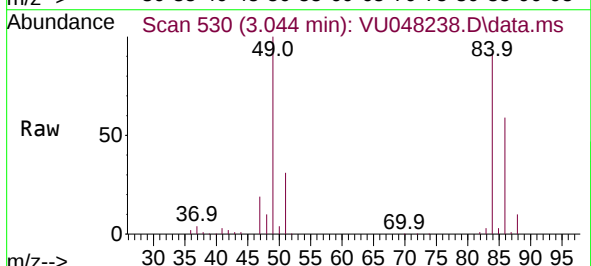
Instrument :
MSVOA_U
ClientSampleId :

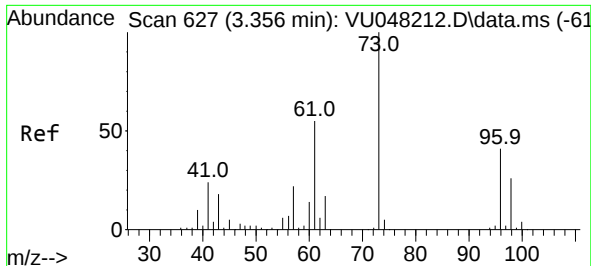
Tgt Ion: 43 Resp: 159746
Ion Ratio Lower Upper
43 100
74 25.8 22.2 33.2



#16
Methylene chloride
Concen: 53.778 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.003 min
Lab File: VU048238.D
Acq: 22 Apr 2022 20:31

Tgt Ion: 84 Resp: 141584
Ion Ratio Lower Upper
84 100
86 65.1 46.0 85.4
49 110.3 75.3 139.8





#17

trans-1,2-Dichloroethene

Concen: 46.459 ug/L

RT: 3.349 min Scan# 61

Delta R.T. -0.006 min

Lab File: VU048238.D

Acq: 22 Apr 2022 20:31

Instrument :

MSVOA_U

ClientSampleId :

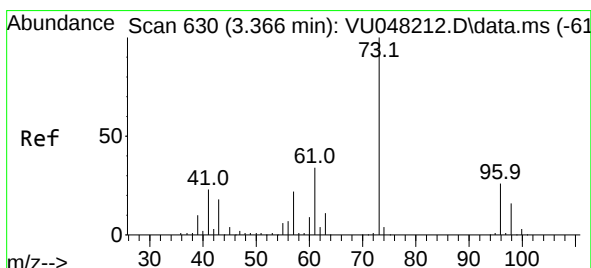
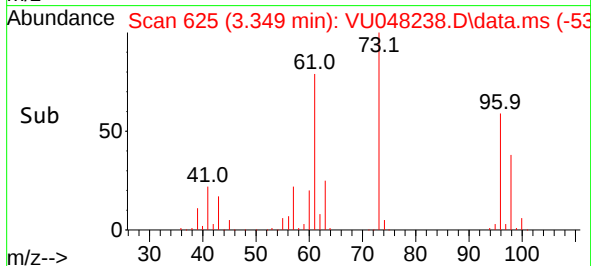
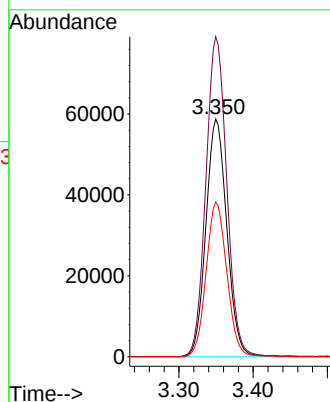
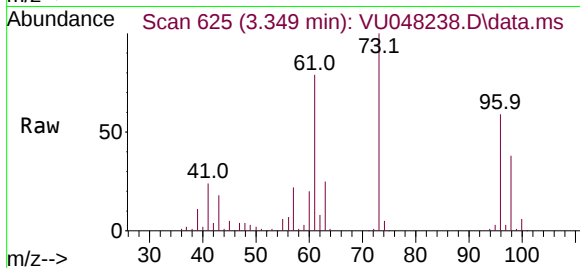
Tgt Ion: 96 Resp: 114969

Ion Ratio Lower Upper

96 100

61 134.7 88.4 164.2

98 65.1 43.3 80.5



#18

Methyl tert-butyl Ether

Concen: 54.768 ug/L

RT: 3.366 min Scan# 630

Delta R.T. -0.000 min

Lab File: VU048238.D

Acq: 22 Apr 2022 20:31

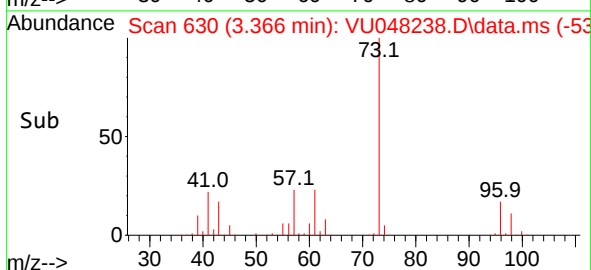
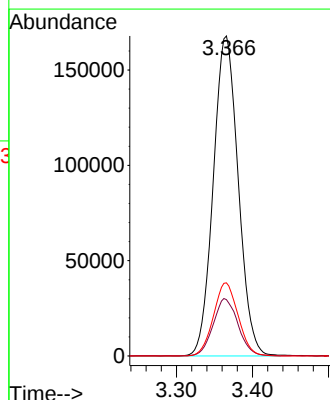
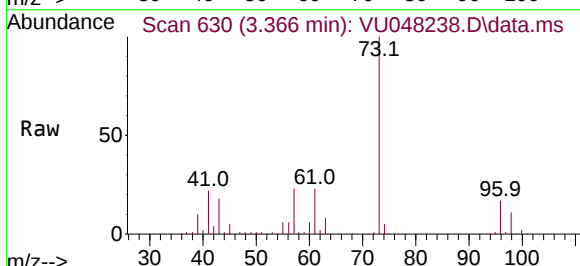
Tgt Ion: 73 Resp: 382358

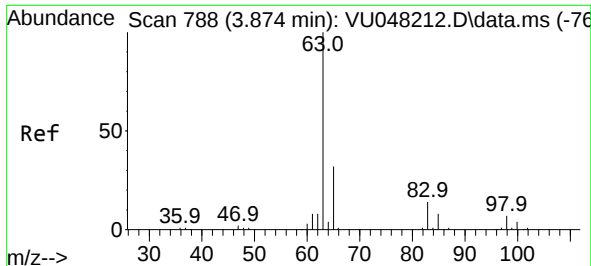
Ion Ratio Lower Upper

73 100

43 17.9 15.3 22.9

57 22.6 17.0 25.6





#19

1,1-Dichloroethane

Concen: 55.738 ug/L

RT: 3.867 min Scan# 788

Delta R.T. -0.006 min

Lab File: VU048238.D

Acq: 22 Apr 2022 20:31

Instrument :

MSVOA_U

ClientSampleId :

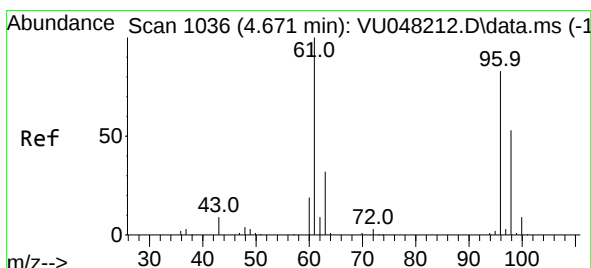
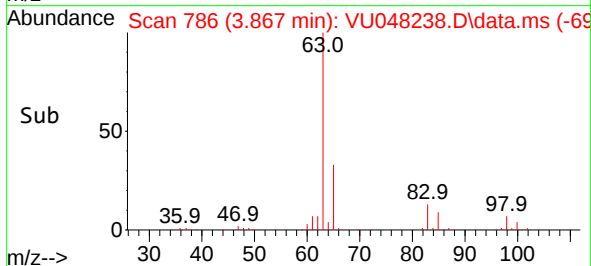
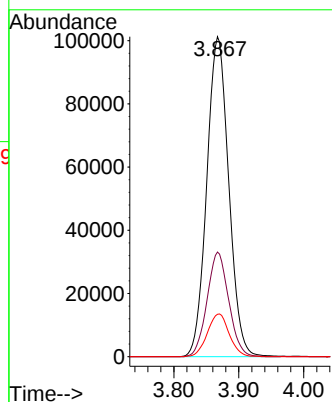
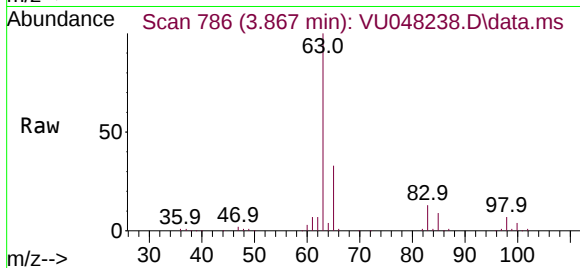
Tgt Ion: 63 Resp: 237882

Ion Ratio Lower Upper

63 100

65 32.7 22.0 41.0

83 13.2 9.7 18.1



#20

cis-1,2-Dichloroethene

Concen: 51.286 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.006 min

Lab File: VU048238.D

Acq: 22 Apr 2022 20:31

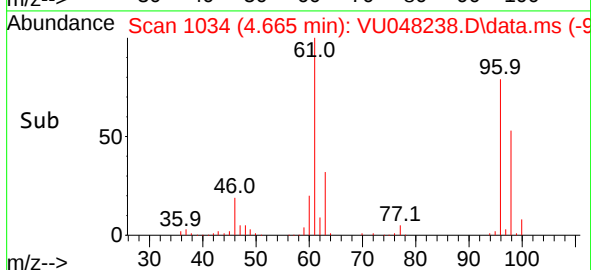
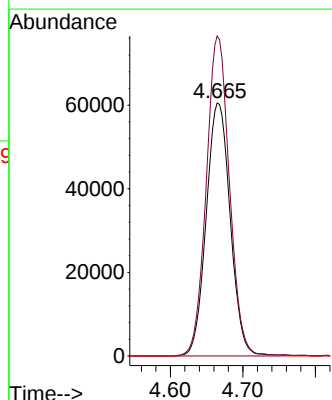
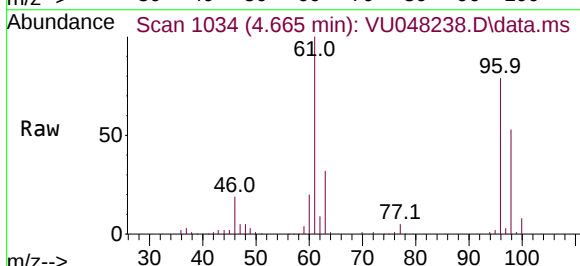
Tgt Ion: 96 Resp: 139136

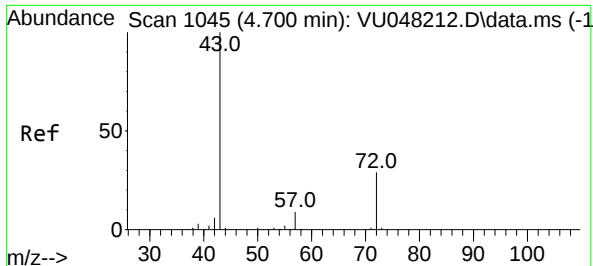
Ion Ratio Lower Upper

96 100

61 126.5 80.7 149.9

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 97.023 ug/L

RT: 4.706 min Scan# 1045

Delta R.T. 0.006 min

Lab File: VU048238.D

Acq: 22 Apr 2022 20:31

Instrument :

MSVOA_U

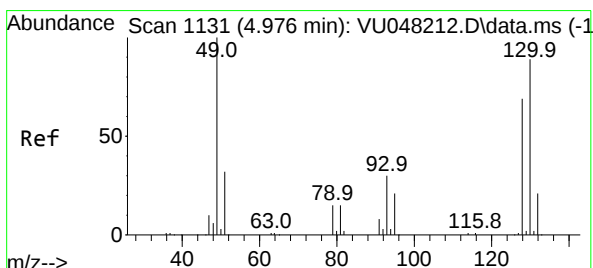
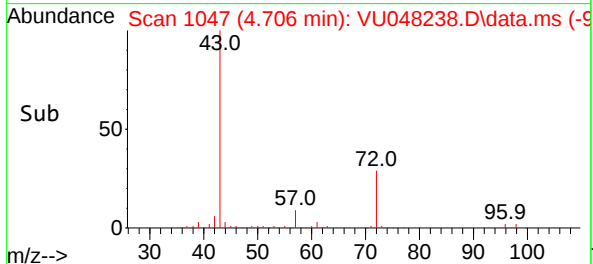
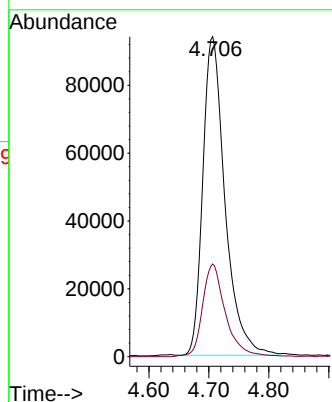
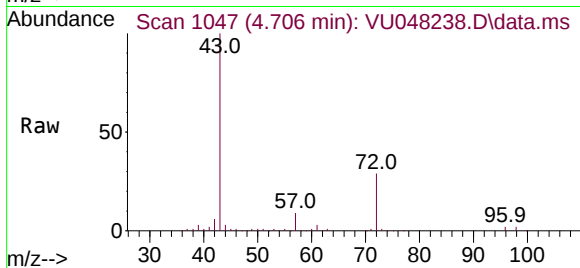
ClientSampleId :

Tgt Ion: 43 Resp: 242128

Ion Ratio Lower Upper

43 100

72 29.8 16.0 47.9



#23

Bromochloromethane

Concen: 50.247 ug/L

RT: 4.976 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VU048238.D

Acq: 22 Apr 2022 20:31

Tgt Ion:128 Resp: 74844

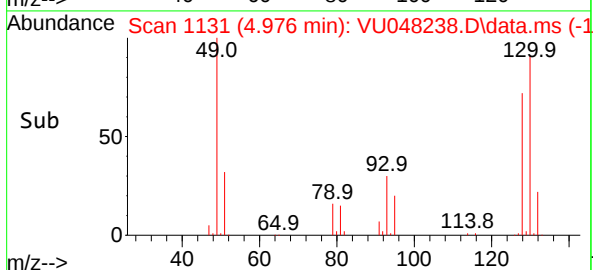
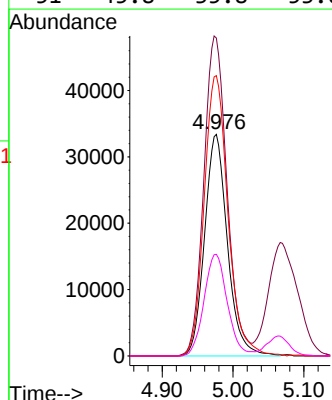
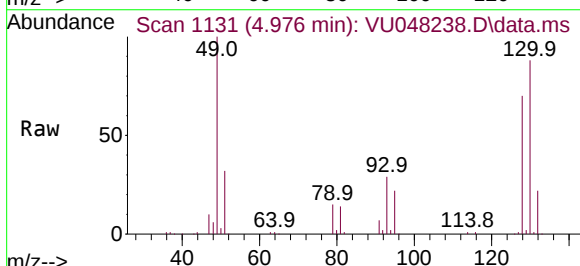
Ion Ratio Lower Upper

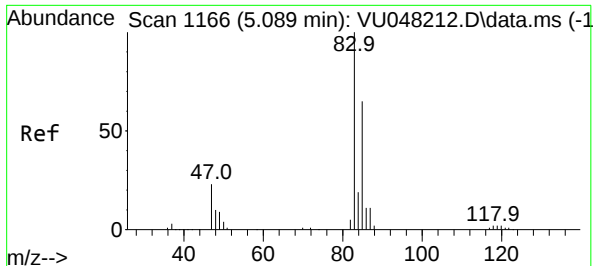
128 100

49 143.5 94.1 174.8

130 126.5 90.2 167.4

51 45.8 35.8 53.6





#25

Chloroform

Concen: 53.221 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. -0.000 min

Lab File: VU048238.D

Acq: 22 Apr 2022 20:31

Instrument :

MSVOA_U

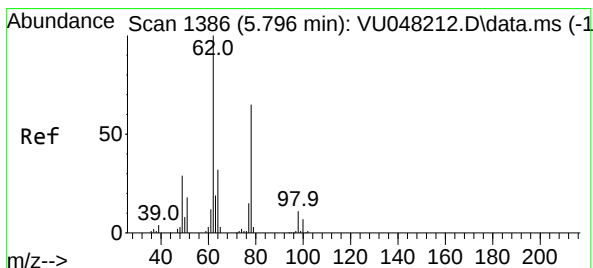
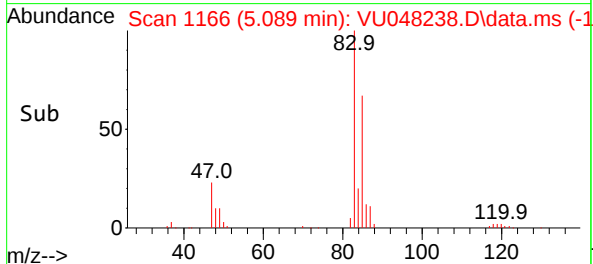
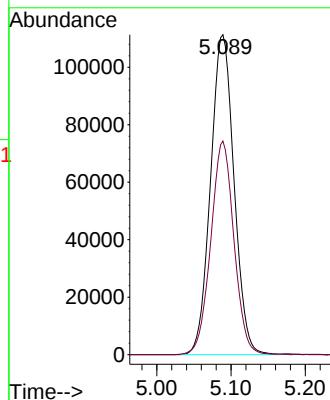
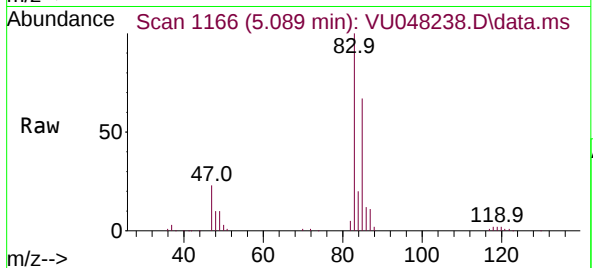
ClientSampleId :

Tgt Ion: 83 Resp: 244544

Ion Ratio Lower Upper

83 100

85 66.7 46.2 85.8



#27

1,2-Dichloroethane

Concen: 51.039 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. -0.003 min

Lab File: VU048238.D

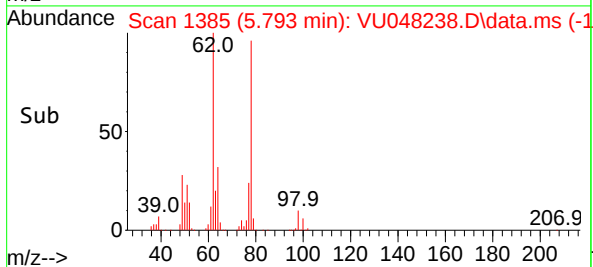
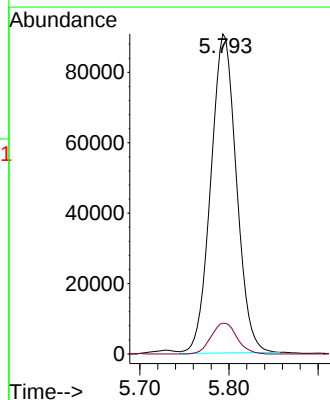
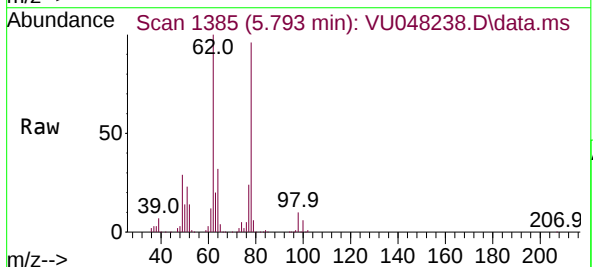
Acq: 22 Apr 2022 20:31

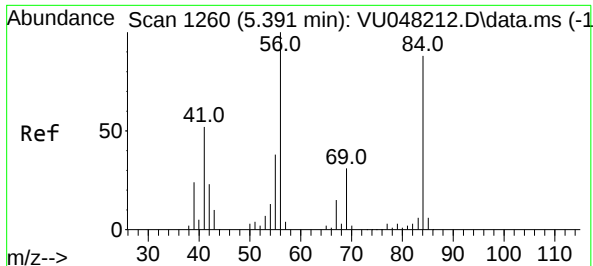
Tgt Ion: 62 Resp: 181186

Ion Ratio Lower Upper

62 100

98 9.6 7.4 11.0





#29

Cyclohexane

Concen: 50.914 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. -0.003 min

Lab File: VU048238.D

Acq: 22 Apr 2022 20:31

Instrument :

MSVOA_U

ClientSampleId :

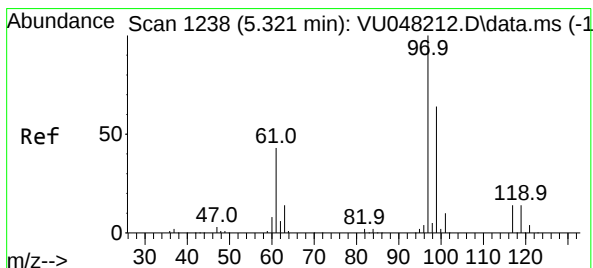
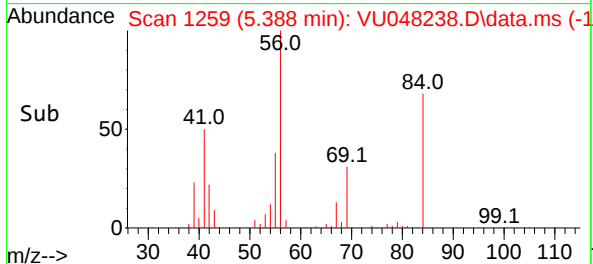
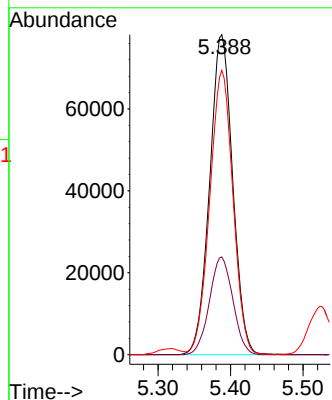
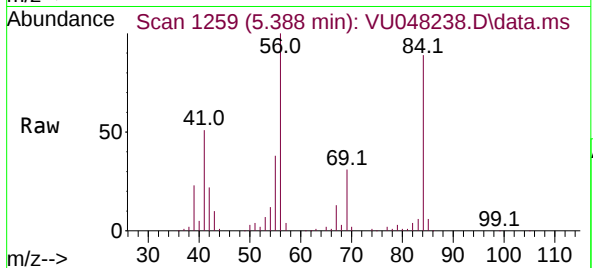
Tgt Ion: 56 Resp: 172534

Ion Ratio Lower Upper

56 100

69 31.0 25.4 38.2

84 89.6 77.0 115.6



#30

1,1,1-Trichloroethane

Concen: 52.156 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. -0.006 min

Lab File: VU048238.D

Acq: 22 Apr 2022 20:31

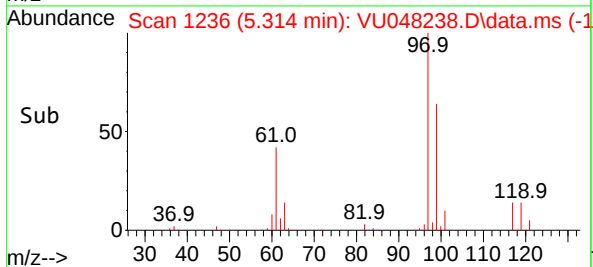
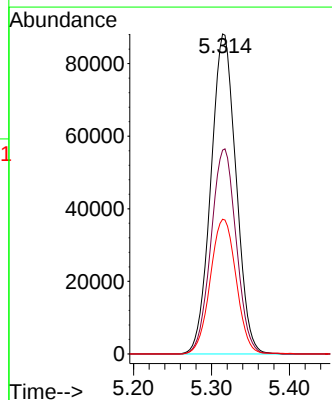
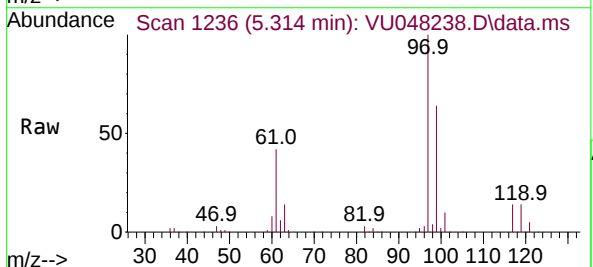
Tgt Ion: 97 Resp: 197503

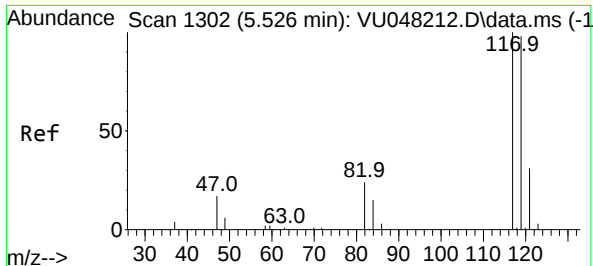
Ion Ratio Lower Upper

97 100

99 64.4 51.6 77.4

61 43.3 34.2 51.4

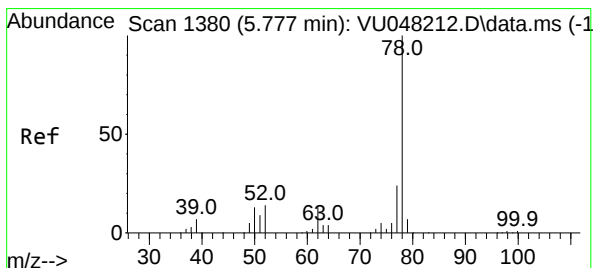
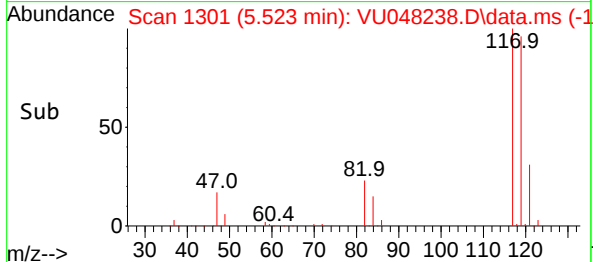
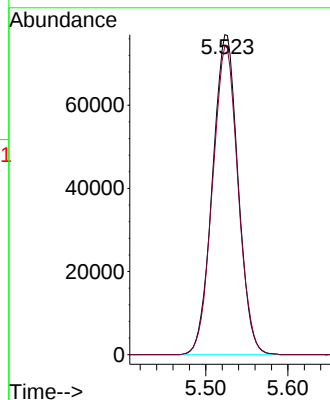
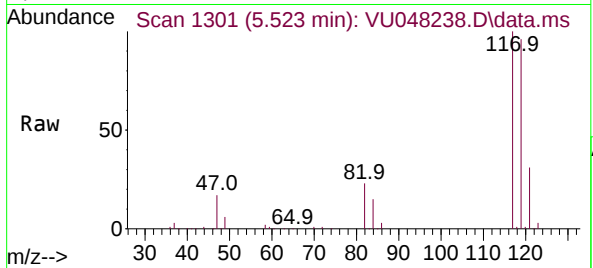




#31
Carbon tetrachloride
Concen: 48.736 ug/L
RT: 5.523 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU048238.D
Acq: 22 Apr 2022 20:31

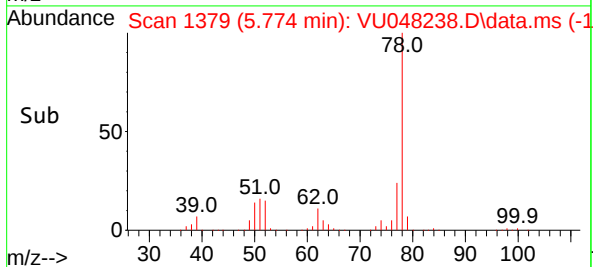
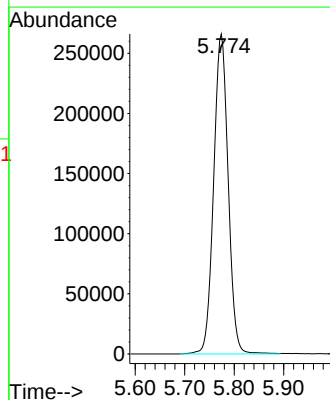
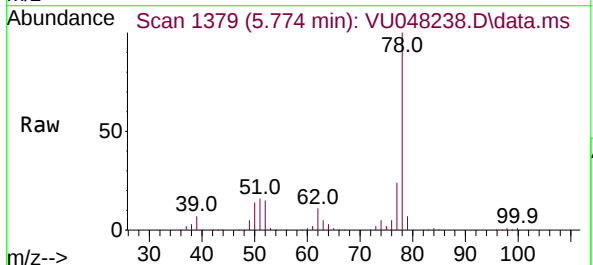
Instrument :
MSVOA_U
ClientSampleId :

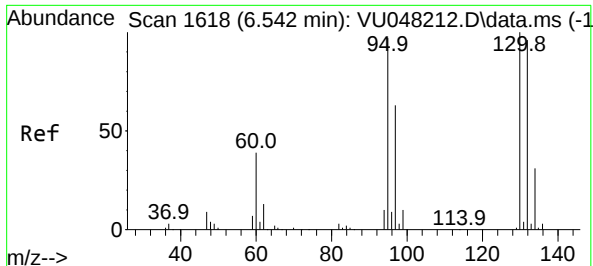
Tgt Ion:117 Resp: 166648
Ion Ratio Lower Upper
117 100
119 96.5 77.2 115.8



#33
Benzene
Concen: 55.909 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.003 min
Lab File: VU048238.D
Acq: 22 Apr 2022 20:31

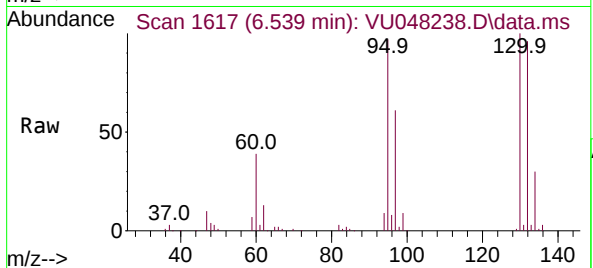
Tgt Ion: 78 Resp: 540445



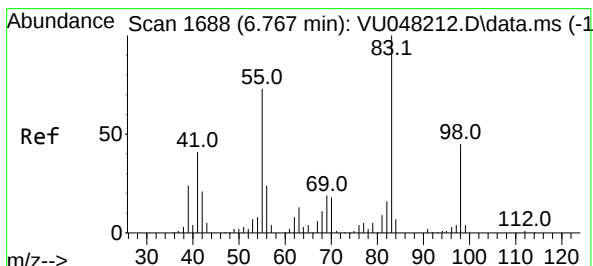
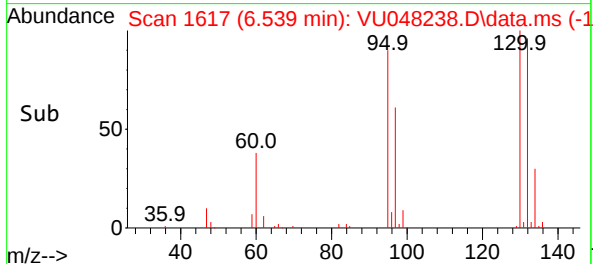
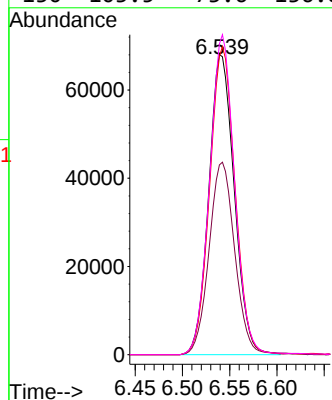


#34
Trichloroethene
Concen: 50.321 ug/L
RT: 6.539 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU048238.D
Acq: 22 Apr 2022 20:31

Instrument :
MSVOA_U
ClientSampleId :

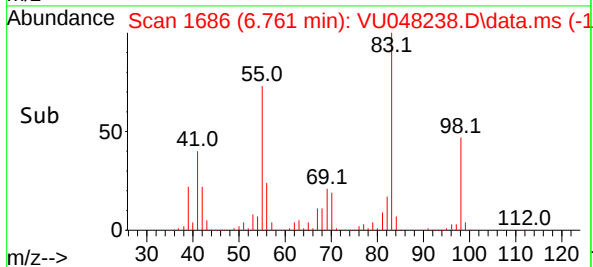
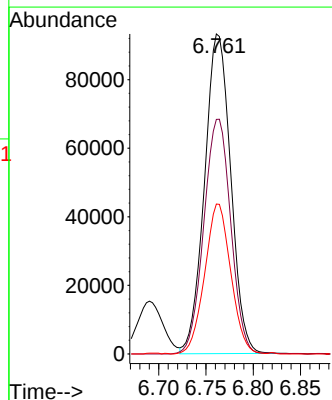
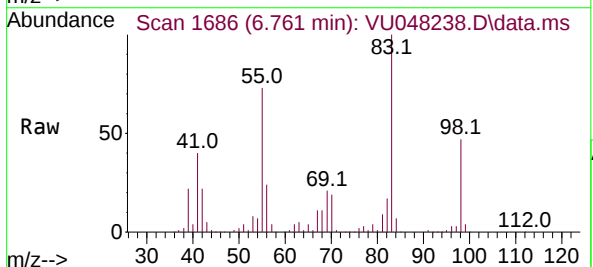


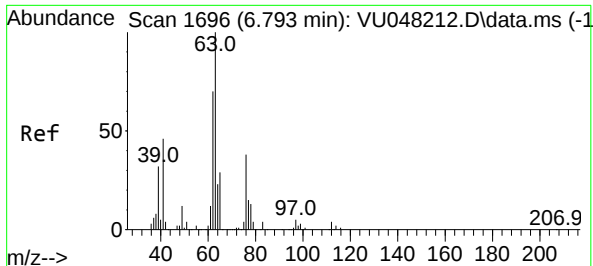
Tgt Ion: 95 Resp: 127526
Ion Ratio Lower Upper
95 100
97 63.2 44.7 82.9
132 99.3 70.4 130.8
130 103.5 73.6 136.8



#35
Methylcyclohexane
Concen: 46.683 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VU048238.D
Acq: 22 Apr 2022 20:31

Tgt Ion: 83 Resp: 179985
Ion Ratio Lower Upper
83 100
55 75.3 56.8 85.2
98 46.7 38.1 57.1





#37

1,2-Dichloropropane

Concen: 61.161 ug/L

RT: 6.790 min Scan# 1

Delta R.T. -0.003 min

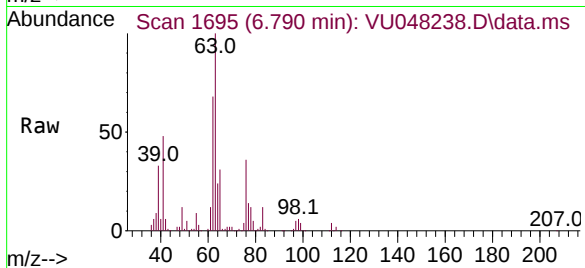
Lab File: VU048238.D

Acq: 22 Apr 2022 20:31

Instrument :

MSVOA_U

ClientSampleId :

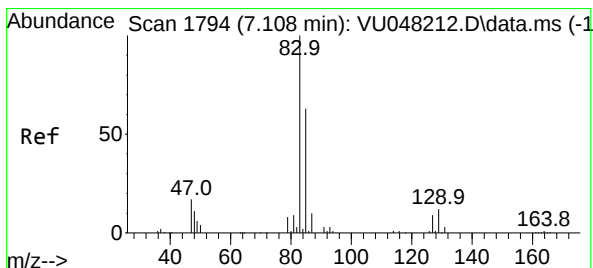
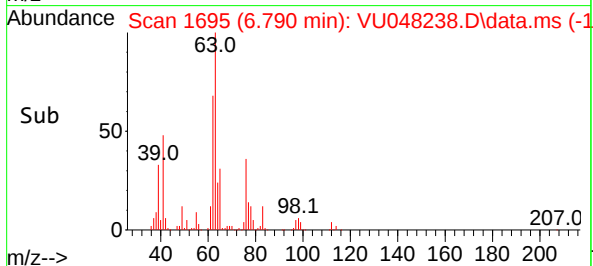
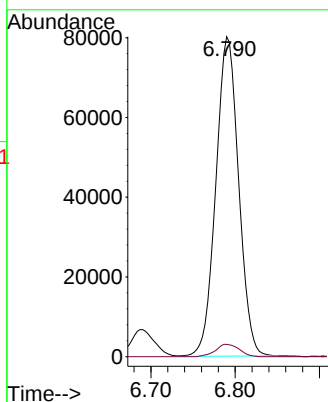


Tgt Ion: 63 Resp: 150295

Ion Ratio Lower Upper

63 100

112 4.0 3.4 5.2



#38

Bromodichloromethane

Concen: 53.824 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.003 min

Lab File: VU048238.D

Acq: 22 Apr 2022 20:31

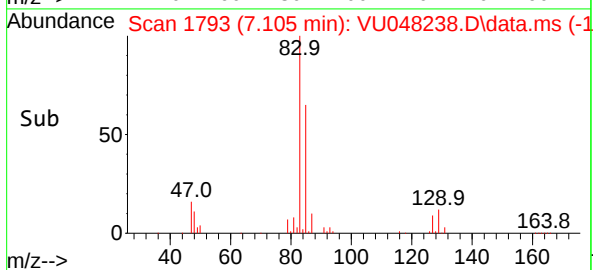
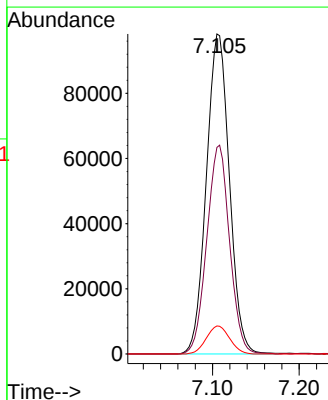
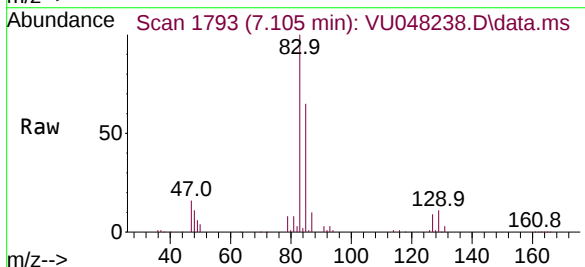
Tgt Ion: 83 Resp: 181631

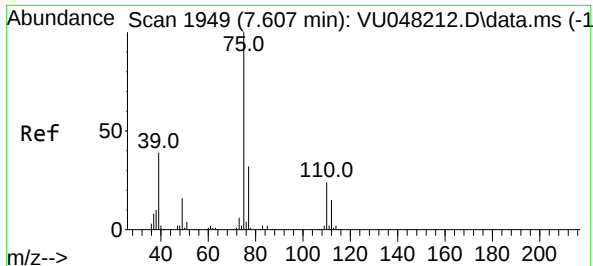
Ion Ratio Lower Upper

83 100

85 64.5 44.4 82.4

127 8.8 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 52.111 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU048238.D

Acq: 22 Apr 2022 20:31

Instrument :

MSVOA_U

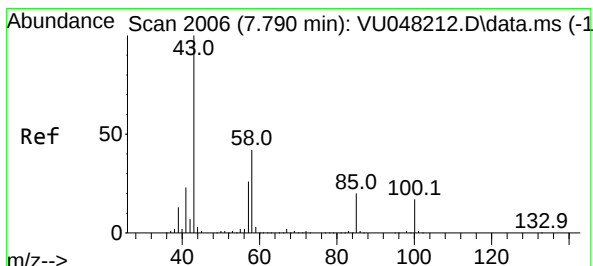
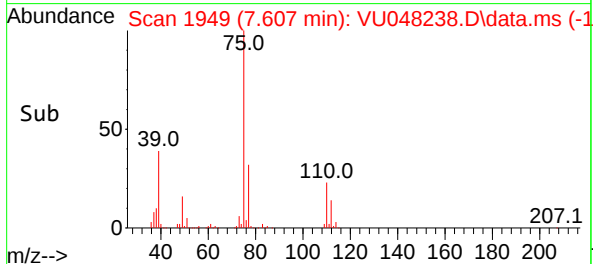
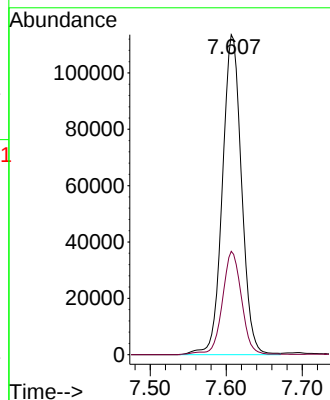
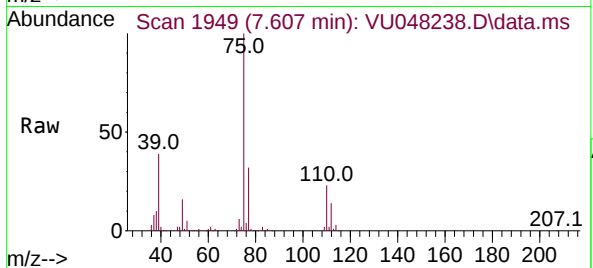
ClientSampleId :

Tgt Ion: 75 Resp: 198695

Ion Ratio Lower Upper

75 100

77 32.3 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 122.025 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. 0.006 min

Lab File: VU048238.D

Acq: 22 Apr 2022 20:31

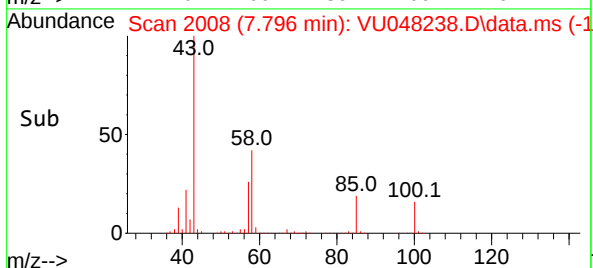
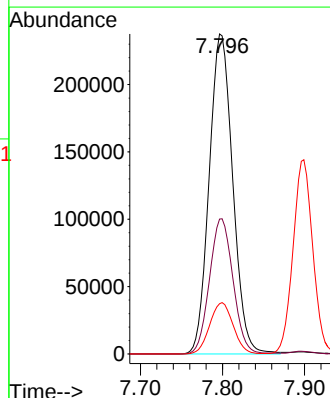
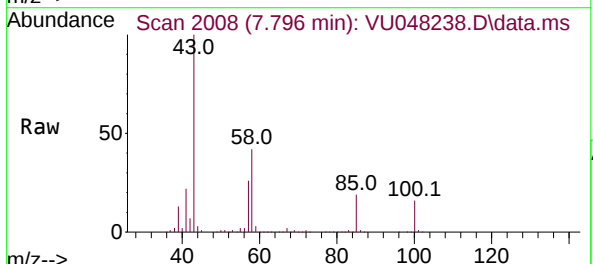
Tgt Ion: 43 Resp: 473926

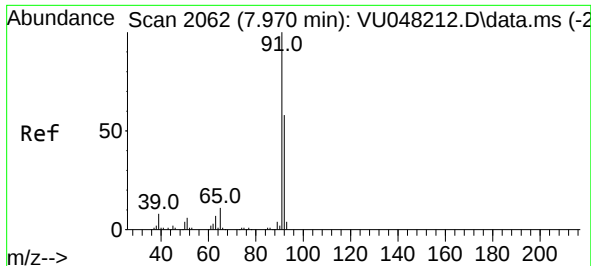
Ion Ratio Lower Upper

43 100

58 42.3 34.7 52.1

100 16.0 14.2 21.2





#42

Toluene

Concen: 52.563 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU048238.D

Acq: 22 Apr 2022 20:31

Instrument :

MSVOA_U

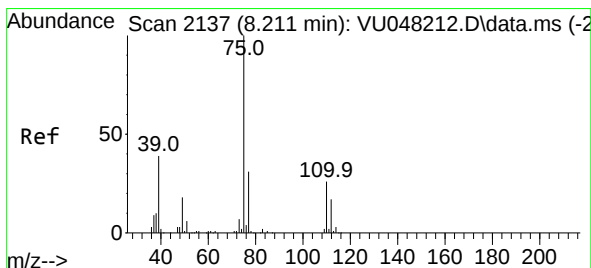
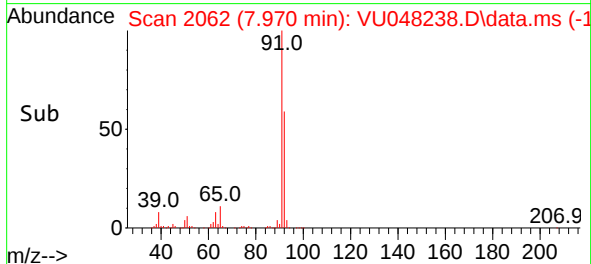
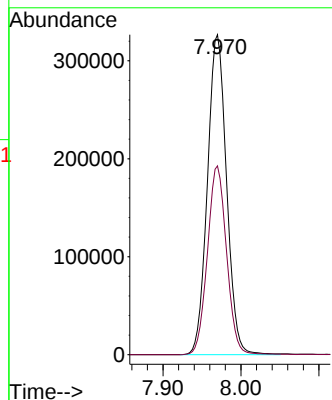
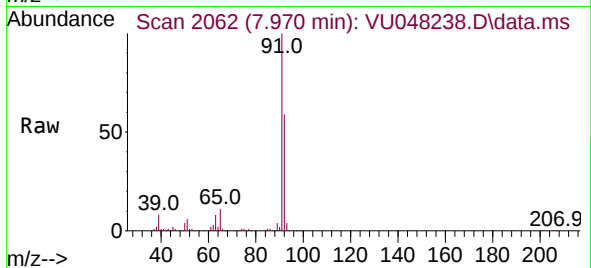
ClientSampleId :

Tgt Ion: 91 Resp: 557507

Ion Ratio Lower Upper

91 100

92 59.0 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 51.243 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU048238.D

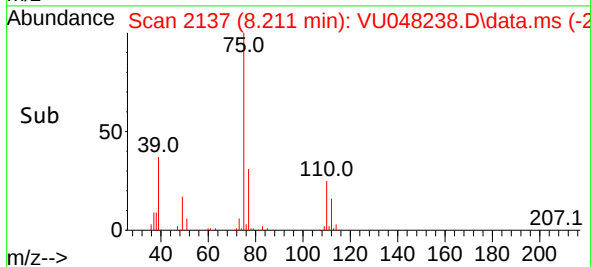
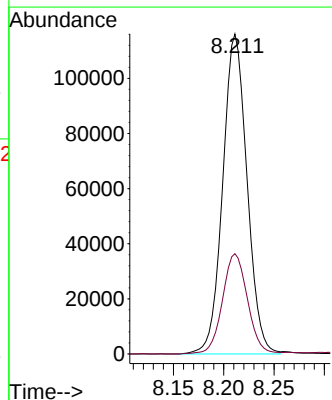
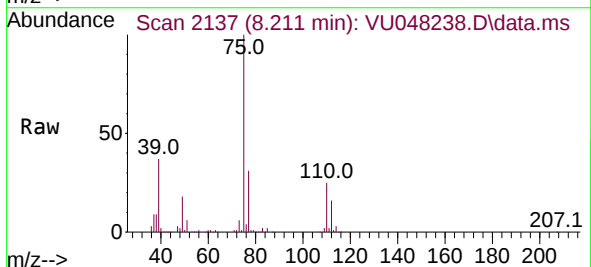
Acq: 22 Apr 2022 20:31

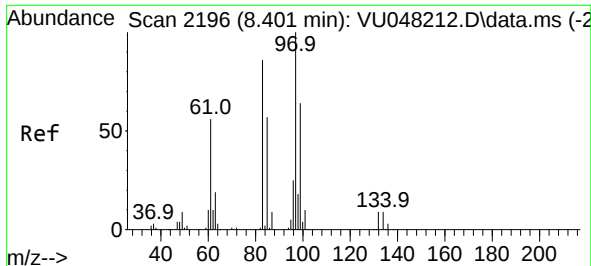
Tgt Ion: 75 Resp: 195084

Ion Ratio Lower Upper

75 100

77 31.4 22.0 40.8

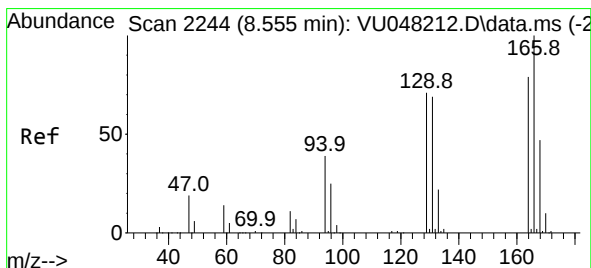
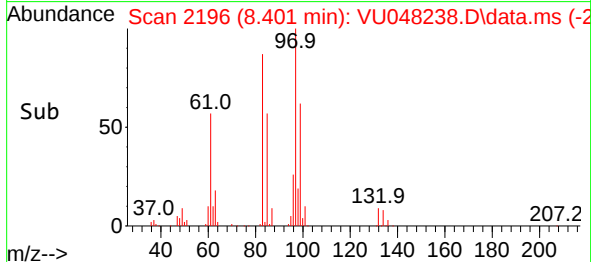
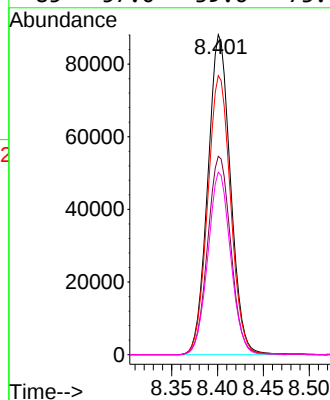
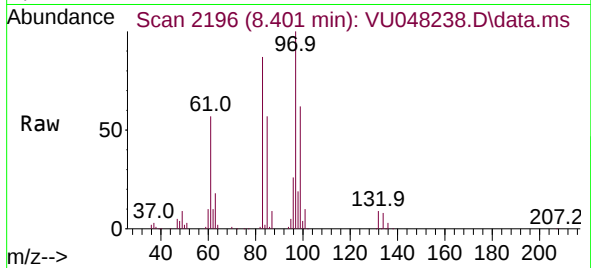




#45
1,1,2-Trichloroethane
Concen: 58.196 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU048238.D
Acq: 22 Apr 2022 20:31

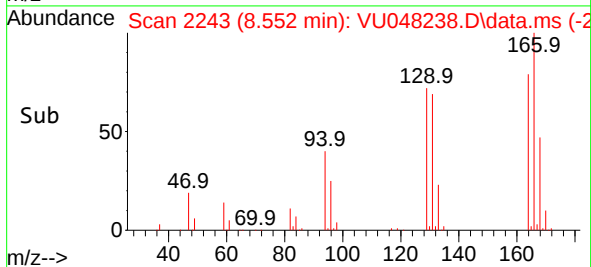
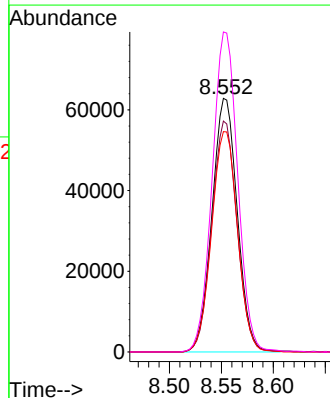
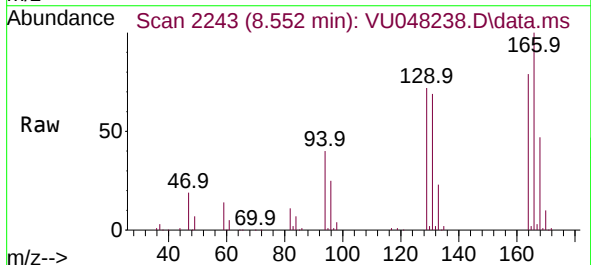
Instrument :
MSVOA_U
ClientSampleId :

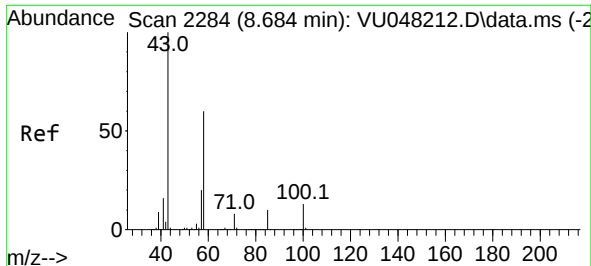
Tgt Ion:	97	Resp:	151670
Ion	Ratio	Lower	Upper
97	100		
99	62.0	43.3	80.3
83	87.2	61.0	113.4
85	57.0	39.6	73.6



#46
Tetrachloroethene
Concen: 46.742 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU048238.D
Acq: 22 Apr 2022 20:31

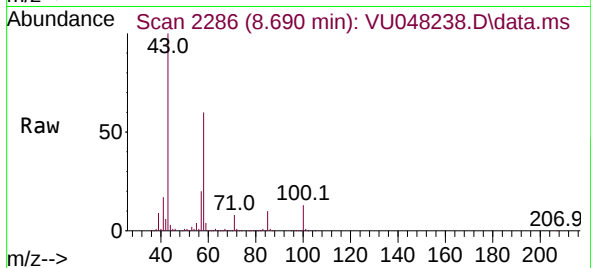
Tgt Ion:	164	Resp:	106451
Ion	Ratio	Lower	Upper
164	100		
129	91.1	62.4	116.0
131	86.9	60.7	112.7
166	126.2	89.0	165.4



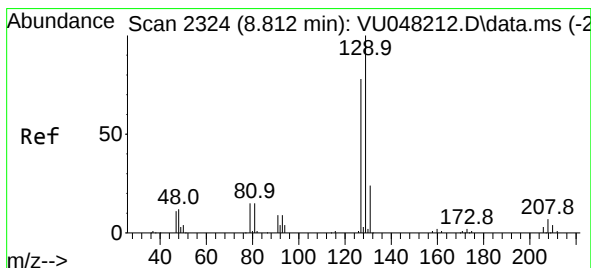
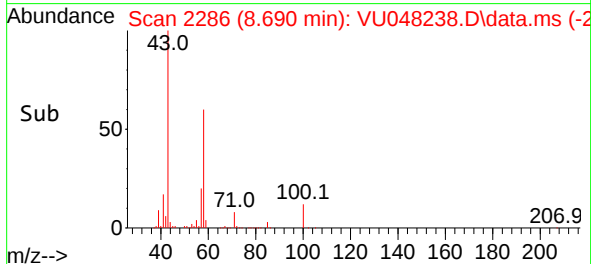
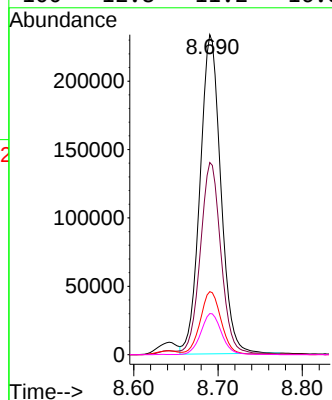


#48
2-Hexanone
Concen: 119.803 ug/L
RT: 8.690 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU048238.D
Acq: 22 Apr 2022 20:31

Instrument :
MSVOA_U
ClientSampleId :

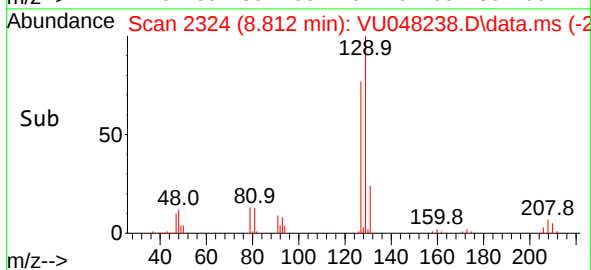
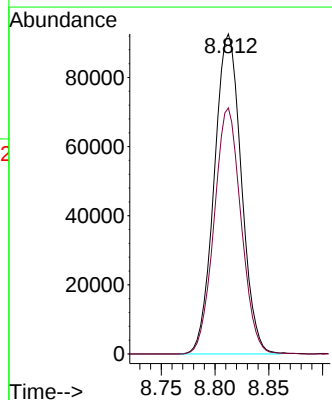
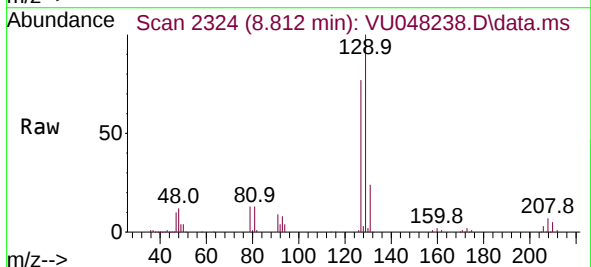


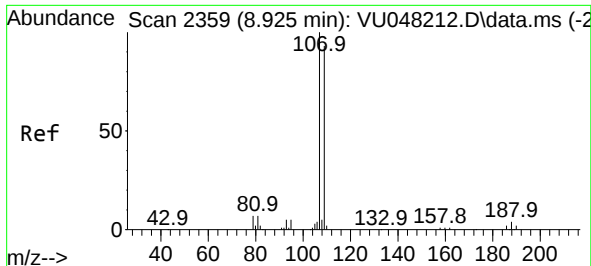
Tgt Ion: 43	Resp: 400240
Ion Ratio	Lower Upper
43 100	
58 59.2	48.1 72.1
57 20.0	16.2 24.4
100 12.8	11.2 16.8



#49
Dibromochloromethane
Concen: 53.779 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU048238.D
Acq: 22 Apr 2022 20:31

Tgt Ion:129	Resp: 162336
Ion Ratio	Lower Upper
129 100	
127 76.9	54.2 100.6





#50

1,2-Dibromoethane

Concen: 53.364 ug/L

RT: 8.925 min Scan# 21

Delta R.T. -0.000 min

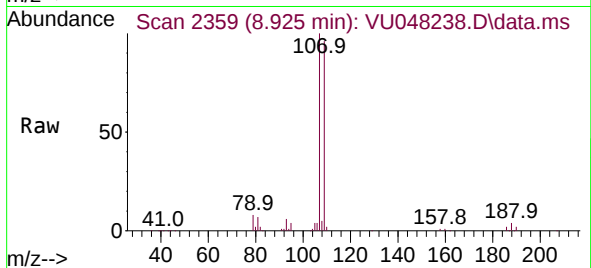
Lab File: VU048238.D

Acq: 22 Apr 2022 20:31

Instrument :

MSVOA_U

ClientSampleId :



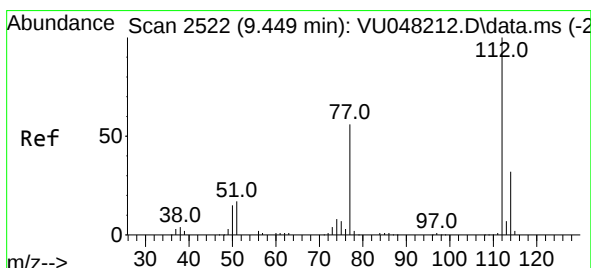
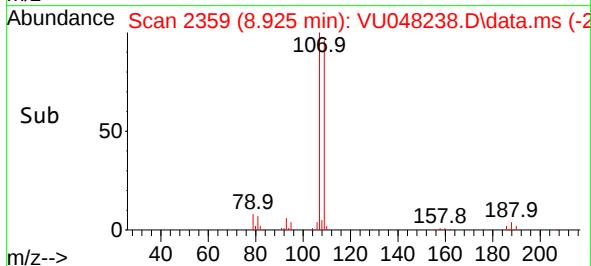
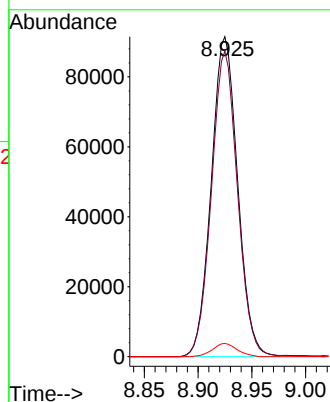
Tgt Ion:107 Resp: 155916

Ion Ratio Lower Upper

107 100

109 95.5 66.6 123.6

188 4.1 3.4 5.2



#51

Chlorobenzene

Concen: 52.672 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. -0.000 min

Lab File: VU048238.D

Acq: 22 Apr 2022 20:31

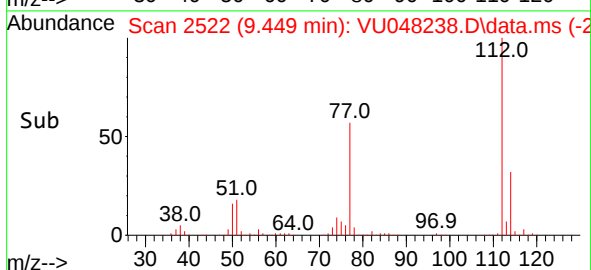
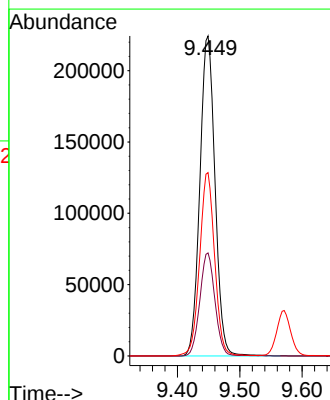
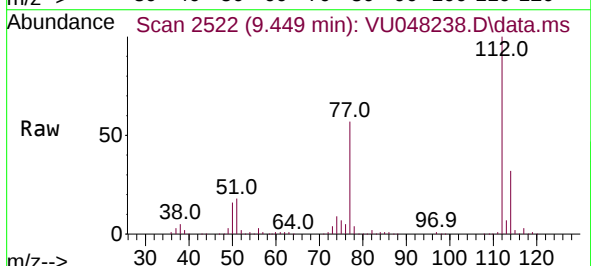
Tgt Ion:112 Resp: 379329

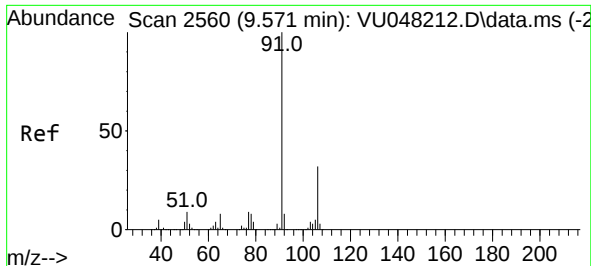
Ion Ratio Lower Upper

112 100

114 32.2 22.1 41.1

77 57.3 43.4 65.0

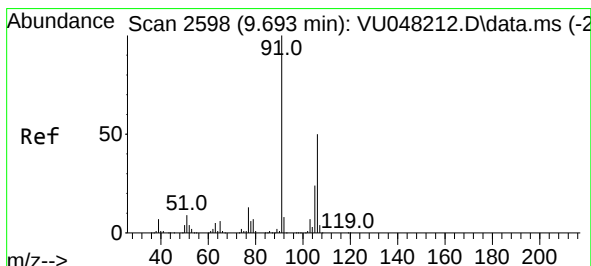
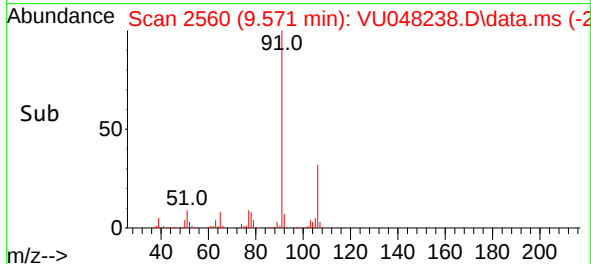
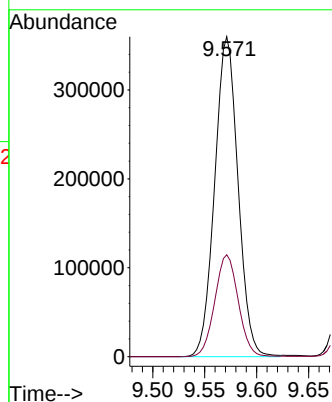
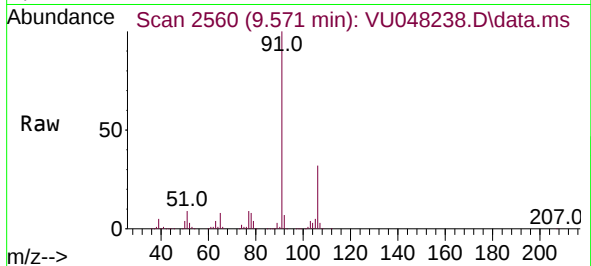




#52
Ethylbenzene
Concen: 50.365 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU048238.D
Acq: 22 Apr 2022 20:31

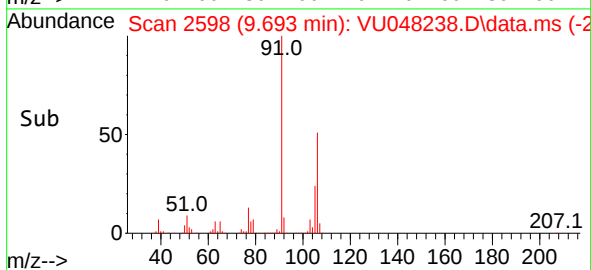
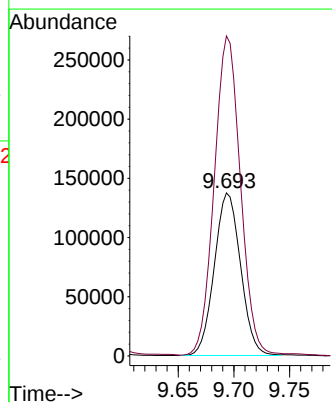
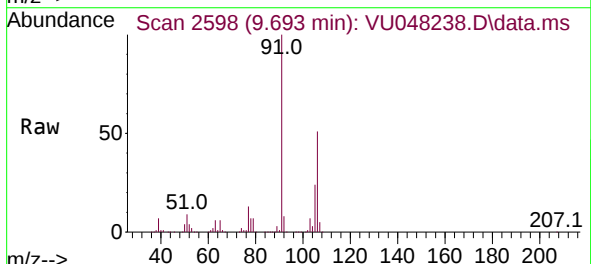
Instrument :
MSVOA_U
ClientSampleId :

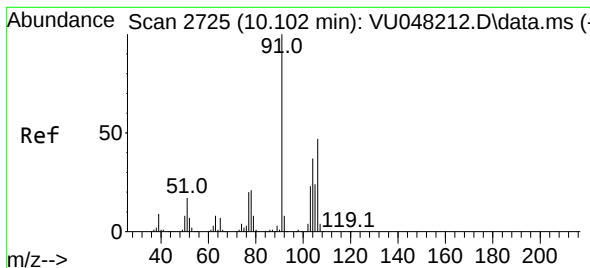
Tgt Ion: 91 Resp: 561689
Ion Ratio Lower Upper
91 100
106 31.8 22.4 41.6



#53
m,p-Xylene
Concen: 51.419 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU048238.D
Acq: 22 Apr 2022 20:31

Tgt Ion: 106 Resp: 225005
Ion Ratio Lower Upper
106 100
91 196.2 137.7 255.7





#54

o-Xylene

Concen: 53.836 ug/L

RT: 10.102 min Scan# 2725

Delta R.T. -0.000 min

Lab File: VU048238.D

Acq: 22 Apr 2022 20:31

Instrument :

MSVOA_U

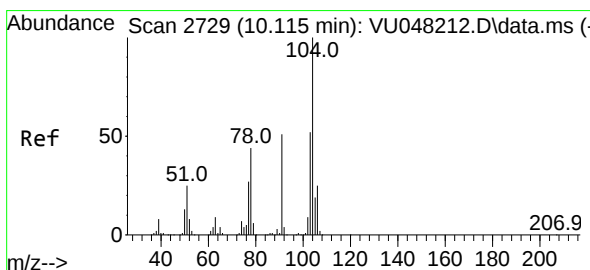
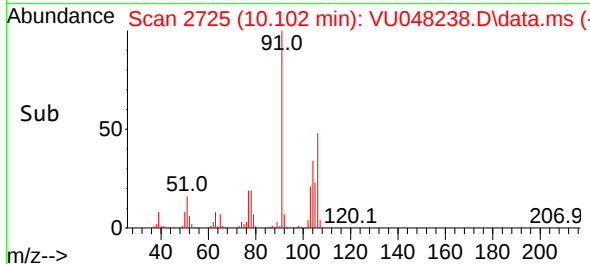
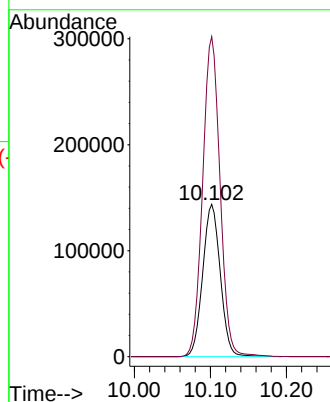
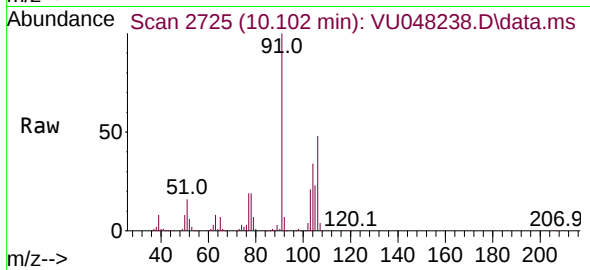
ClientSampleId :

Tgt Ion:106 Resp: 231217

Ion Ratio Lower Upper

106 100

91 210.1 146.7 272.5



#55

Styrene

Concen: 54.778 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. -0.000 min

Lab File: VU048238.D

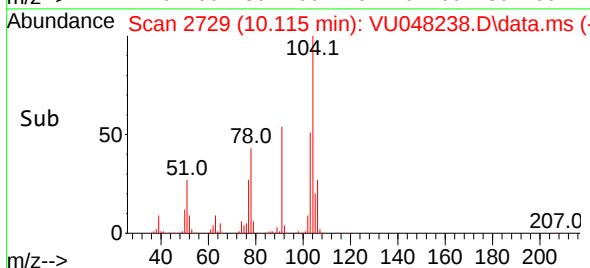
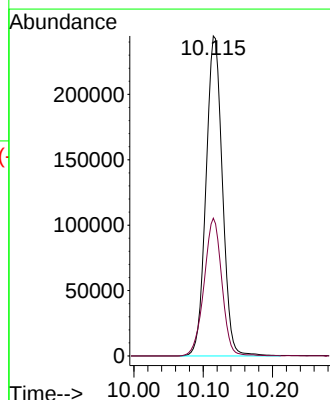
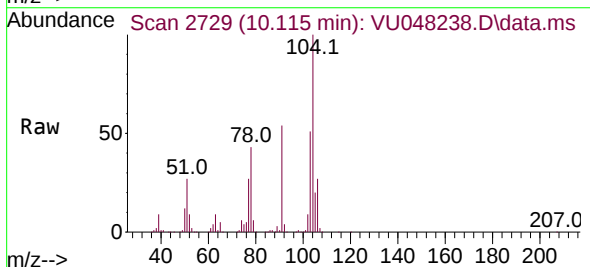
Acq: 22 Apr 2022 20:31

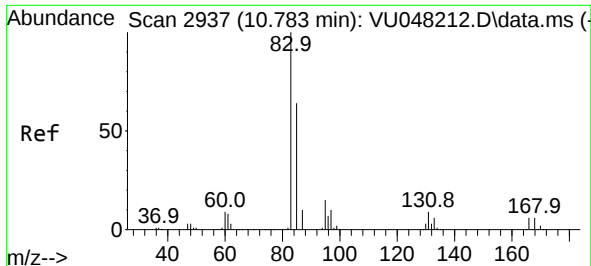
Tgt Ion:104 Resp: 401672

Ion Ratio Lower Upper

104 100

78 43.0 30.4 56.4

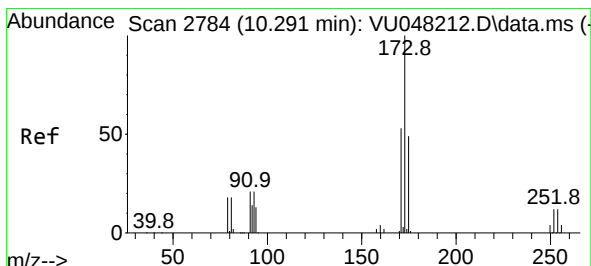
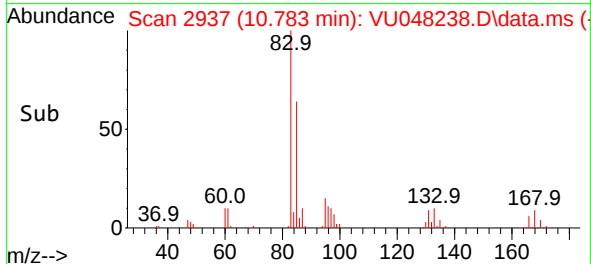
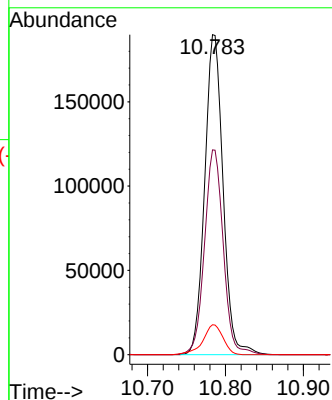
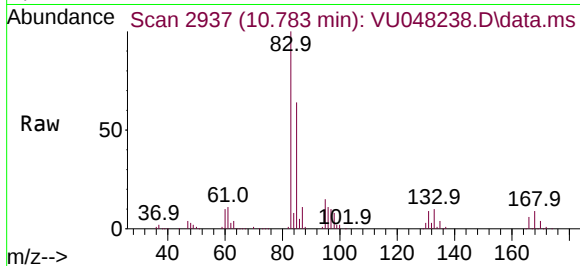




#57
1,1,2,2-Tetrachloroethane
Concen: 63.505 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU048238.D
Acq: 22 Apr 2022 20:31

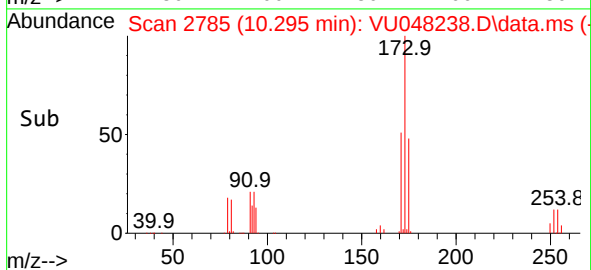
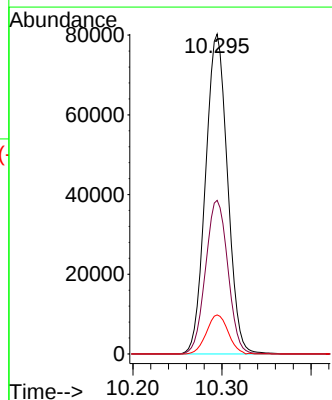
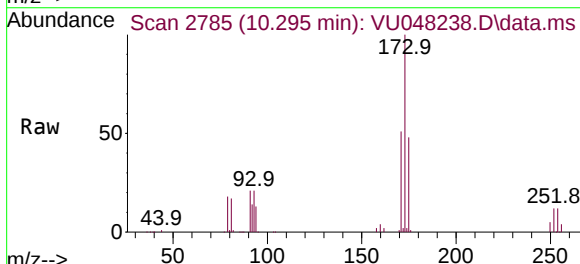
Instrument :
MSVOA_U
ClientSampleId :

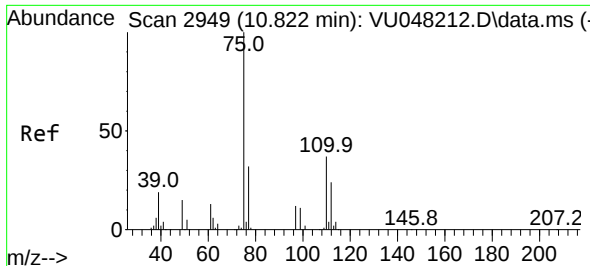
Tgt Ion: 83 Resp: 310280
Ion Ratio Lower Upper
83 100
85 64.0 44.9 83.3
131 9.3 8.6 13.0



#59
Bromoform
Concen: 53.492 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. 0.003 min
Lab File: VU048238.D
Acq: 22 Apr 2022 20:31

Tgt Ion:173 Resp: 137626
Ion Ratio Lower Upper
173 100
175 48.8 38.7 58.1
254 12.1 9.6 14.4

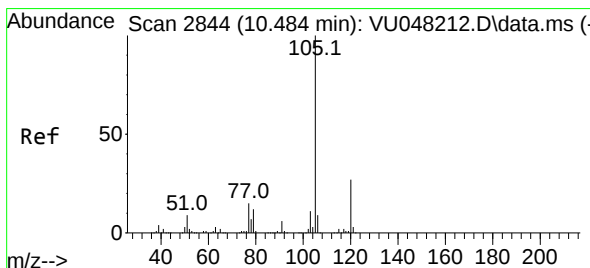
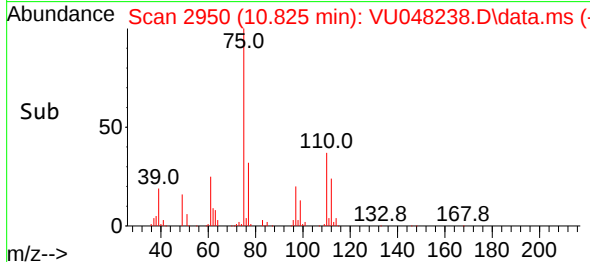
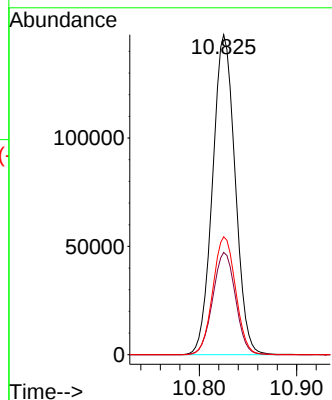
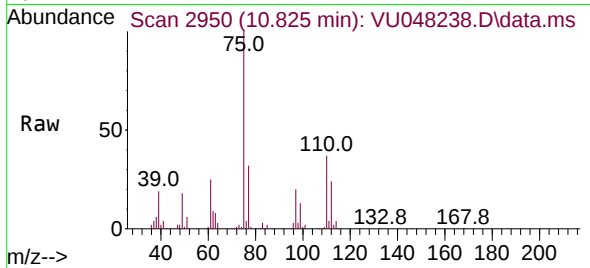




#60
1,2,3-Trichloropropane
Concen: 62.642 ug/L
RT: 10.825 min Scan# 2949
Delta R.T. 0.003 min
Lab File: VU048238.D
Acq: 22 Apr 2022 20:31

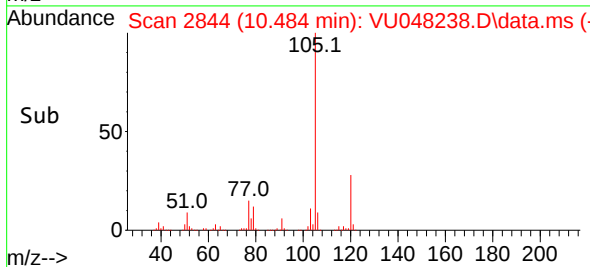
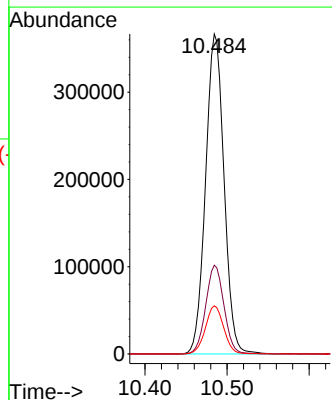
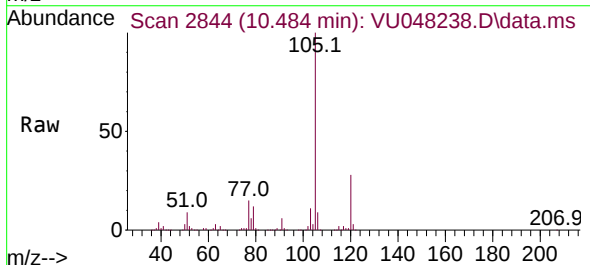
Instrument :
MSVOA_U
ClientSampleId :

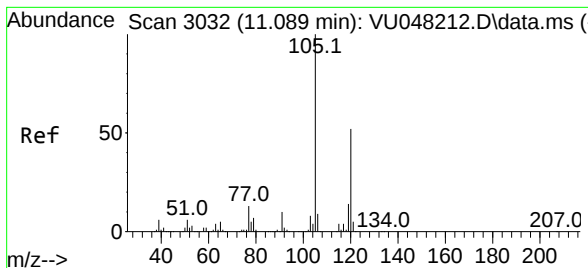
Tgt Ion: 75 Resp: 237599
Ion Ratio Lower Upper
75 100
77 32.3 26.0 39.0
110 37.1 31.4 47.2



#61
Isopropylbenzene
Concen: 52.737 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU048238.D
Acq: 22 Apr 2022 20:31

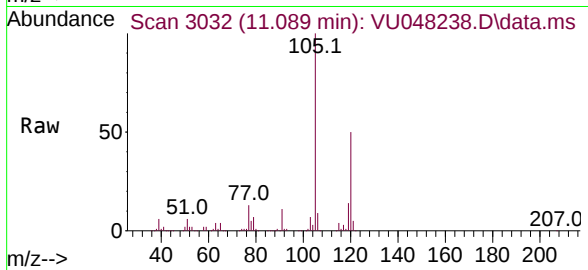
Tgt Ion:105 Resp: 573459
Ion Ratio Lower Upper
105 100
120 27.4 21.9 32.9
77 15.0 12.1 18.1



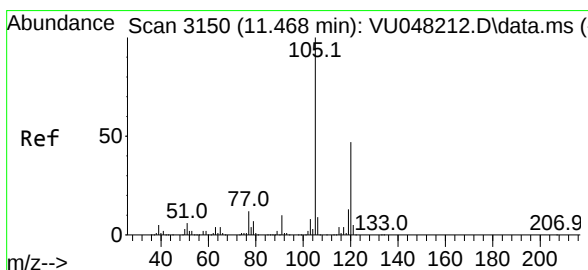
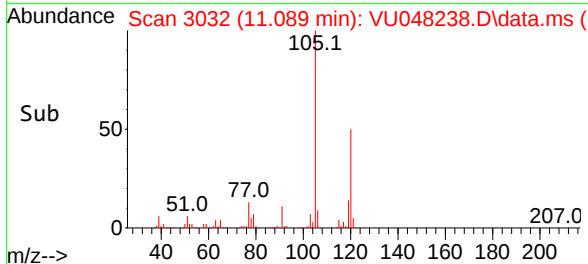
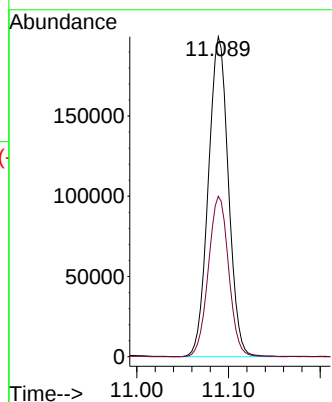


#62
 1,3,5-Trimethylbenzene
 Concen: 51.432 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. -0.000 min
 Lab File: VU048238.D
 Acq: 22 Apr 2022 20:31

Instrument :
 MSVOA_U
 ClientSampleId :

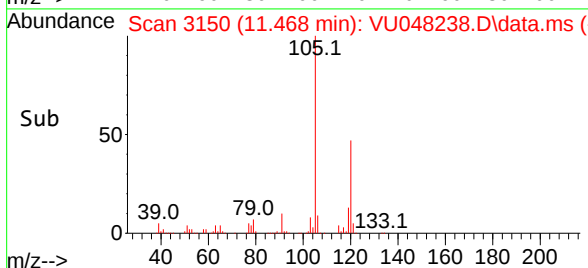
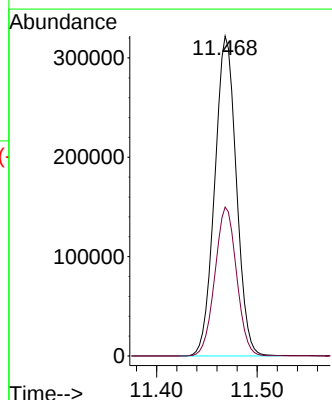
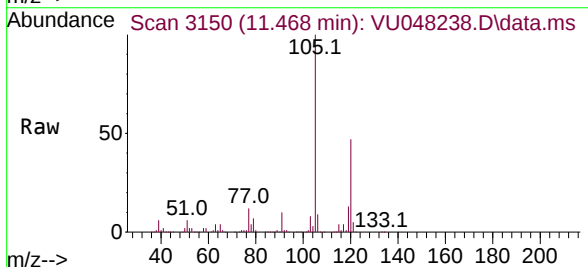


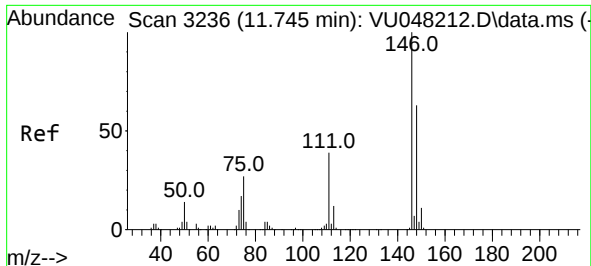
Tgt Ion:105 Resp: 303444
 Ion Ratio Lower Upper
 105 100
 120 50.7 40.8 61.2



#63
 1,2,4-Trimethylbenzene
 Concen: 53.701 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. -0.000 min
 Lab File: VU048238.D
 Acq: 22 Apr 2022 20:31

Tgt Ion:105 Resp: 481265
 Ion Ratio Lower Upper
 105 100
 120 46.7 37.6 56.4

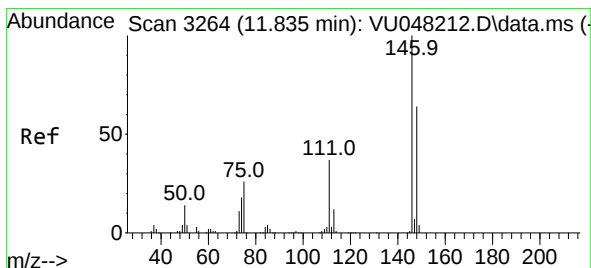
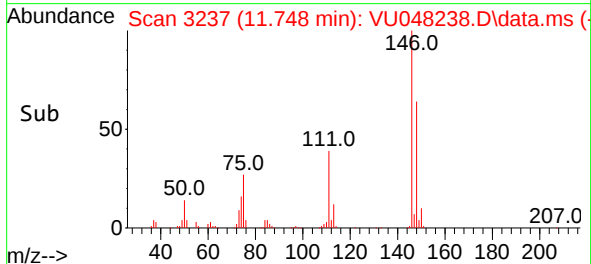
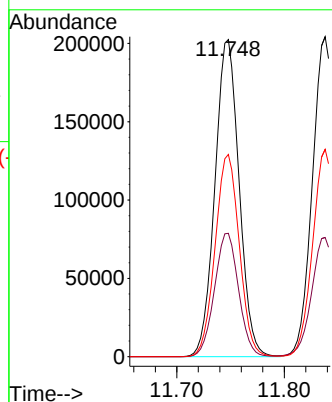
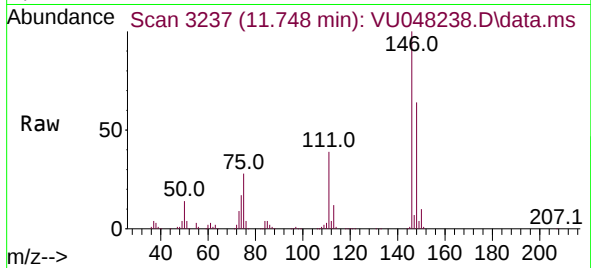




#64
1,3-Dichlorobenzene
Concen: 52.273 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048238.D
Acq: 22 Apr 2022 20:31

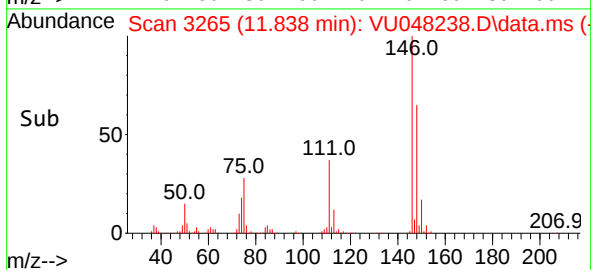
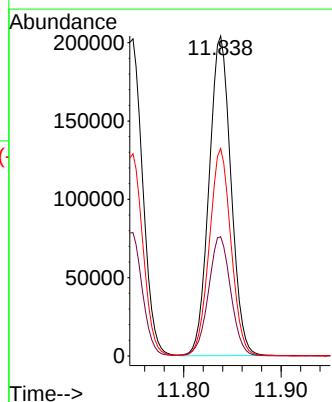
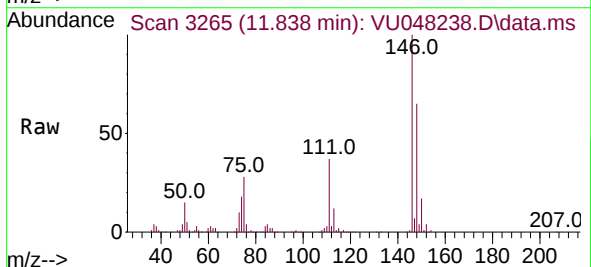
Instrument :
MSVOA_U
ClientSampleId :

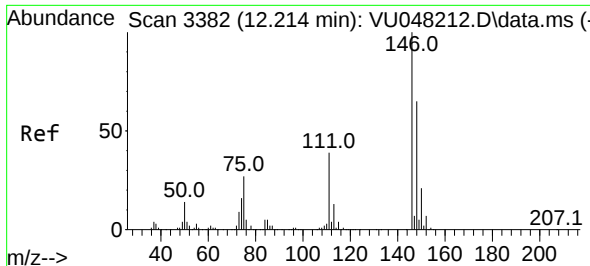
Tgt Ion:146 Resp: 315934
Ion Ratio Lower Upper
146 100
111 38.9 26.7 49.7
148 63.8 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 50.949 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU048238.D
Acq: 22 Apr 2022 20:31

Tgt Ion:146 Resp: 318957
Ion Ratio Lower Upper
146 100
111 37.2 25.3 47.1
148 64.8 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 59.212 ug/L

RT: 12.214 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU048238.D

Acq: 22 Apr 2022 20:31

Instrument :

MSVOA_U

ClientSampleId :

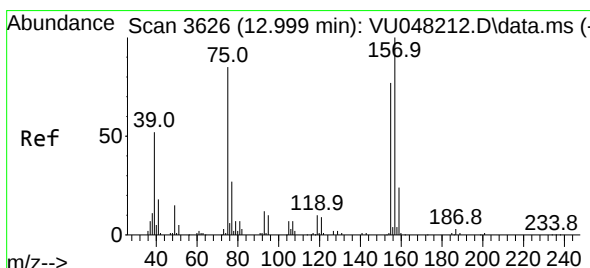
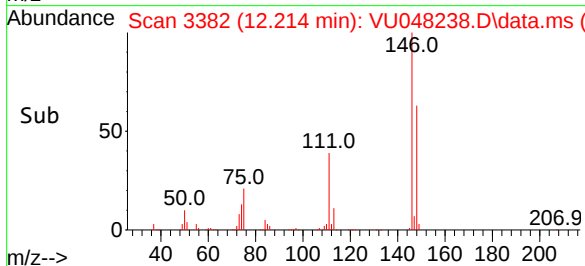
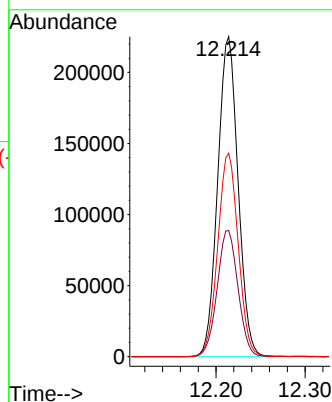
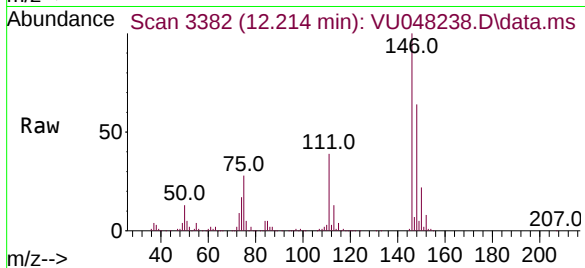
Tgt Ion:146 Resp: 358090

Ion Ratio Lower Upper

146 100

111 39.4 31.7 47.5

148 63.6 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 48.662 ug/L

RT: 12.995 min Scan# 3625

Delta R.T. -0.003 min

Lab File: VU048238.D

Acq: 22 Apr 2022 20:31

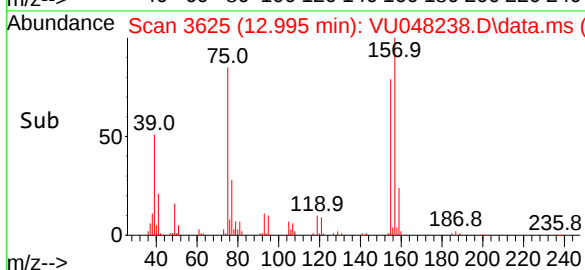
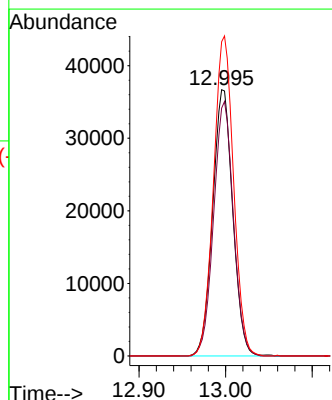
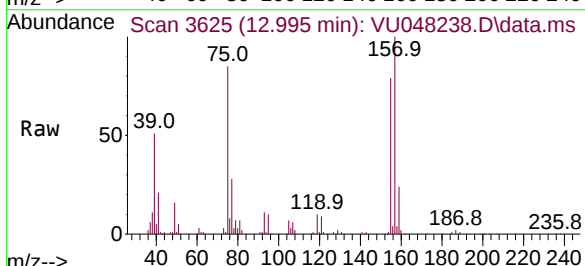
Tgt Ion: 75 Resp: 59123

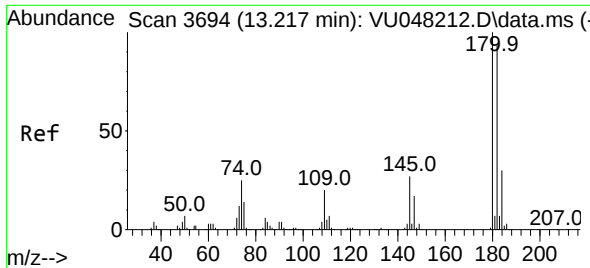
Ion Ratio Lower Upper

75 100

155 93.1 78.9 118.3

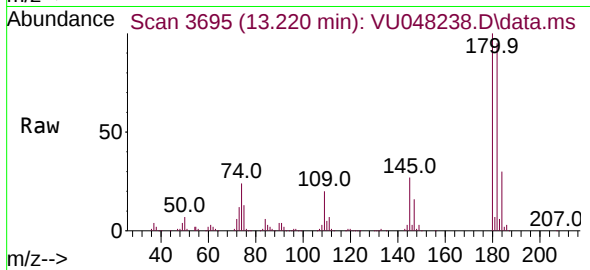
157 118.0 97.5 146.3



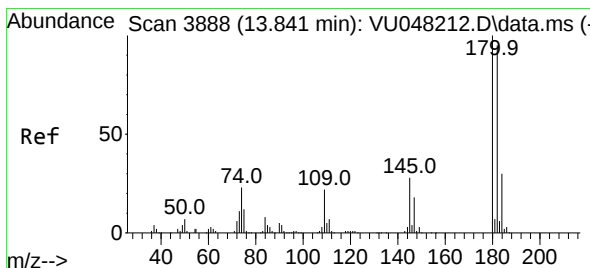
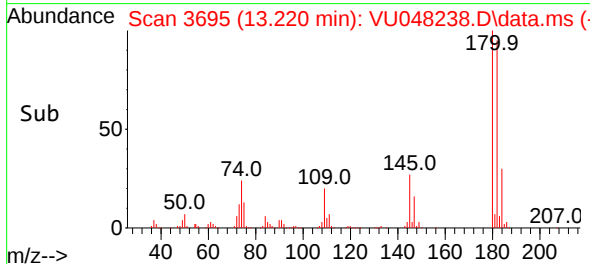
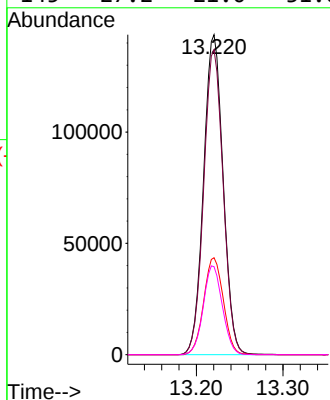


#69
 1,3,5-Trichlorobenzene
 Concen: 45.867 ug/L
 RT: 13.220 min Scan# 3695
 Delta R.T. 0.003 min
 Lab File: VU048238.D
 Acq: 22 Apr 2022 20:31

Instrument :
 MSVOA_U
 ClientSampleId :

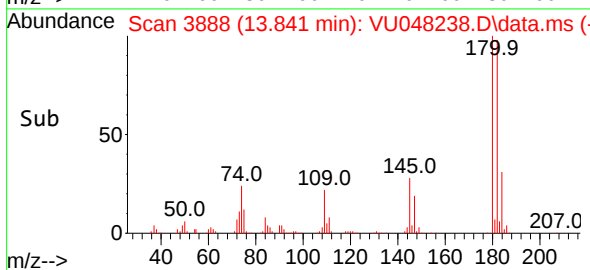
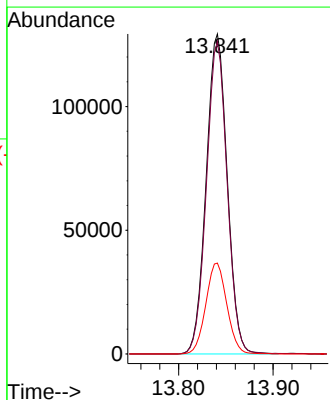
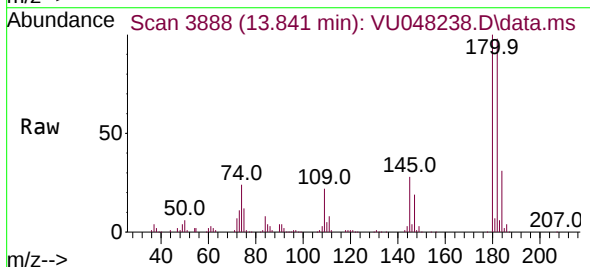


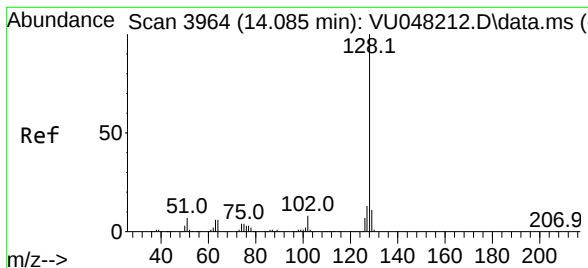
Tgt Ion:180 Resp: 225142
 Ion Ratio Lower Upper
 180 100
 182 94.9 77.0 115.6
 184 30.5 24.5 36.7
 145 27.2 21.0 31.6



#70
 1,2,4-trichlorobenzene
 Concen: 46.639 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU048238.D
 Acq: 22 Apr 2022 20:31

Tgt Ion:180 Resp: 200521
 Ion Ratio Lower Upper
 180 100
 182 95.8 76.2 114.2
 145 28.3 21.8 32.8





#71

Naphthalene

Concen: 41.204 ug/L

RT: 14.089 min Scan# 3964

Delta R.T. 0.003 min

Lab File: VU048238.D

Acq: 22 Apr 2022 20:31

Instrument :

MSVOA_U

ClientSampleId :

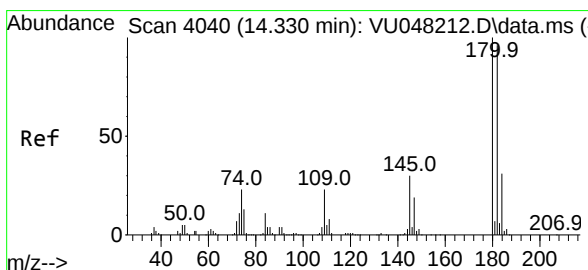
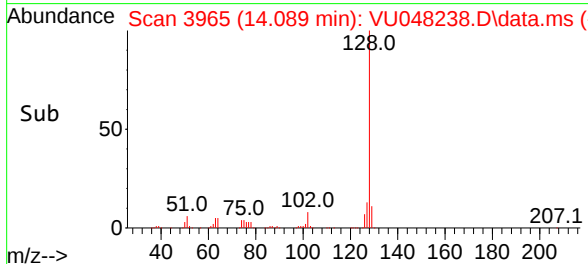
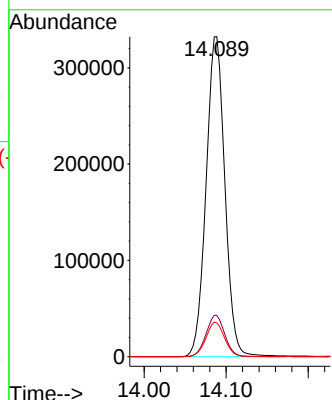
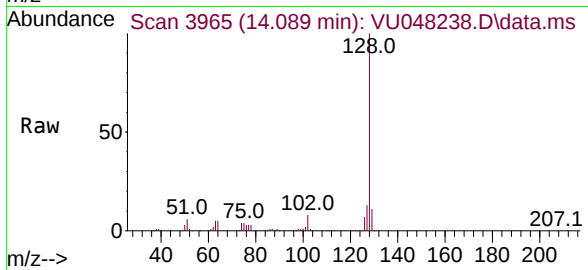
Tgt Ion:128 Resp: 528174

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

129 10.8 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 45.666 ug/L

RT: 14.330 min Scan# 4040

Delta R.T. -0.000 min

Lab File: VU048238.D

Acq: 22 Apr 2022 20:31

Tgt Ion:180 Resp: 196826

Ion Ratio Lower Upper

180 100

182 95.0 77.4 116.0

145 29.7 22.8 34.2

