

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061422\
 Data File : VU049109.D
 Acq On : 14 Jun 2022 12:50
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 15 03:10:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 15 03:02:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	148365	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	133856	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	68582	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	63851	4.925	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.600%
7) Chloroethane-d5	1.912	69	43150	4.916	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.400%
11) 1,1-Dichloroethene-d2	2.568	65	25235	4.840	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.800%
20) 2-Butanone-d5	4.636	46	192699	55.670	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.340%
24) Chloroform-d	5.067	84	102110	5.020	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.400%
26) 1,2-Dichloroethane-d4	5.703	65	55758	4.997	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
32) Benzene-d6	5.729	84	201918	5.007	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
36) 1,2-Dichloropropane-d6	6.690	67	67652	4.943	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.800%
41) Toluene-d8	7.899	98	186427	5.134	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.600%
43) trans-1,3-Dichloroprop...	8.179	79	30915	5.084	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.600%
46) 2-Hexanone-d5	8.636	63	128597	52.430	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.860%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	57172	5.217	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	68092	5.174	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	69643	5.499	ug/L	99
3) Chloromethane	1.520	50	71473	5.140	ug/L	98
5) Vinyl chloride	1.604	62	66702	5.347	ug/L	99
6) Bromomethane	1.858	94	36498	5.318	ug/L	95
8) Chloroethane	1.935	64	36767	5.093	ug/L	96
9) Trichlorofluoromethane	2.141	101	79606	5.500	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	46303	5.403	ug/L	99
12) 1,1-Dichloroethene	2.581	96	43292	5.189	ug/L	97
13) Acetone	2.649	43	89268	52.107	ug/L	85
14) Carbon disulfide	2.793	76	148621	5.393	ug/L	100
15) Methyl Acetate	2.961	43	22218	4.849	ug/L	95
16) Methylene chloride	3.047	84	53518	4.876	ug/L	97
17) Methyl tert-butyl Ether	3.366	73	136784	5.421	ug/L	100
18) trans-1,2-Dichloroethene	3.356	96	48833	5.283	ug/L	99
19) 1,1-Dichloroethane	3.871	63	96360	5.287	ug/L	98
21) 2-Butanone	4.716	43	188353	57.659	ug/L	100
22) cis-1,2-Dichloroethene	4.668	96	52870	5.114	ug/L	95
23) Bromochloromethane	4.977	128	23339	5.274	ug/L	99
25) Chloroform	5.089	83	94612	5.172	ug/L	99

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 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 15 03:10:22 2022
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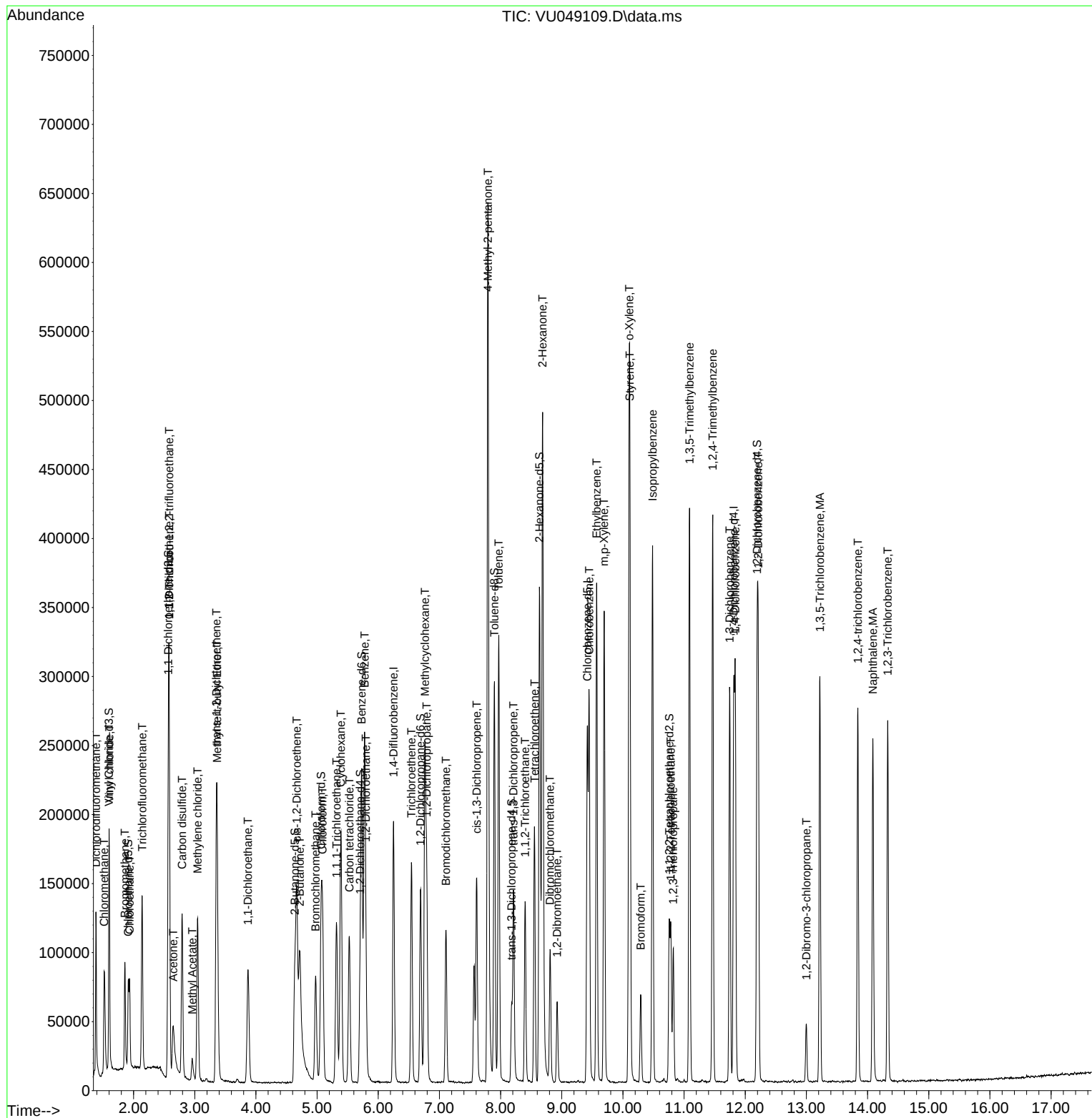
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	63821	5.297	ug/L	97
29) 1,1,1-Trichloroethane	5.317	97	85570	5.349	ug/L	99
30) Cyclohexane	5.391	56	98216	5.402	ug/L	98
31) Carbon tetrachloride	5.526	117	72533	5.416	ug/L	97
33) Benzene	5.777	78	214339	5.381	ug/L	100
34) Trichloroethene	6.542	95	55152	5.417	ug/L	99
35) Methylcyclohexane	6.764	83	95364	5.585	ug/L	98
37) 1,2-Dichloropropane	6.793	63	58290	5.326	ug/L	100
38) Bromodichloromethane	7.108	83	73102	5.465	ug/L	100
39) cis-1,3-Dichloropropene	7.610	75	90055	5.413	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	459379	56.497	ug/L	100
42) Toluene	7.970	91	228680	5.414	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	79609	5.510	ug/L	95
45) 1,1,2-Trichloroethane	8.401	97	40094	5.255	ug/L	99
47) Tetrachloroethene	8.555	164	39208	5.585	ug/L	98
48) 2-Hexanone	8.687	43	349196	60.169	ug/L	99
49) Dibromochloromethane	8.809	129	48483	5.570	ug/L	96
50) 1,2-Dibromoethane	8.925	107	39498	5.585	ug/L	98
51) Chlorobenzene	9.449	112	141537	5.503	ug/L	98
52) Ethylbenzene	9.571	91	251998	5.463	ug/L	100
53) m,p-Xylene	9.693	106	94753	5.527	ug/L	100
54) o-Xylene	10.102	106	92279	5.429	ug/L	99
55) Styrene	10.115	104	154843	5.440	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	55600	5.506	ug/L	99
59) Bromoform	10.291	173	27475	5.334	ug/L	97
60) Isopropylbenzene	10.484	105	248644	5.322	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	41431	5.384	ug/L	97
62) 1,3,5-Trimethylbenzene	11.089	105	221823	5.380	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	220564	5.399	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	110021	5.503	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	109483	5.541	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	103659	5.449	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	11587	5.525	ug/L	90
69) 1,3,5-Trichlorobenzene	13.221	180	84399	5.630	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	76324	6.404	ug/L	97
71) Naphthalene	14.086	128	197321	8.332	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	73160	6.528	ug/L	100

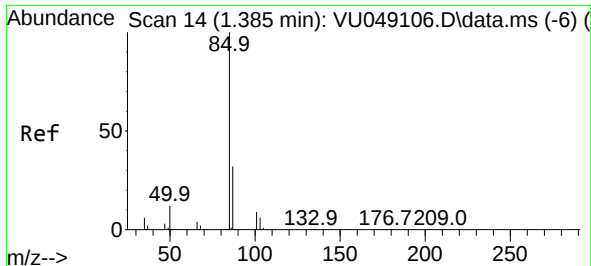
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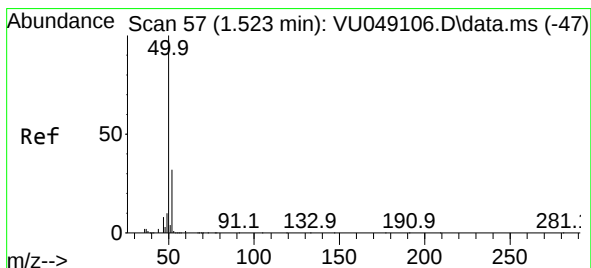
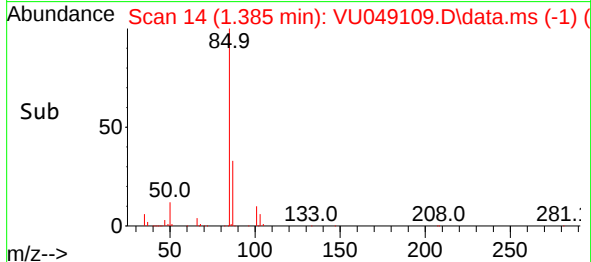
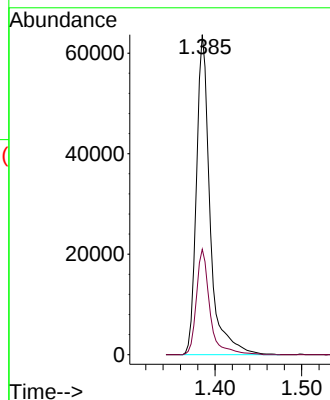
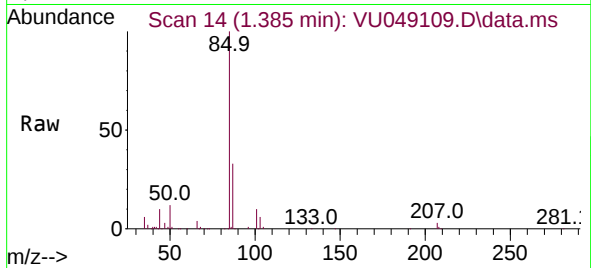




#2
 Dichlorodifluoromethane
 Concen: 5.499 ug/L
 RT: 1.385 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: VU049109.D
 Acq: 14 Jun 2022 12:50

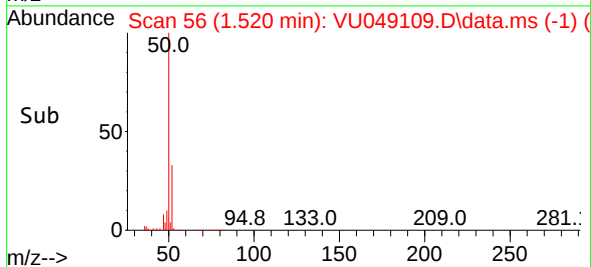
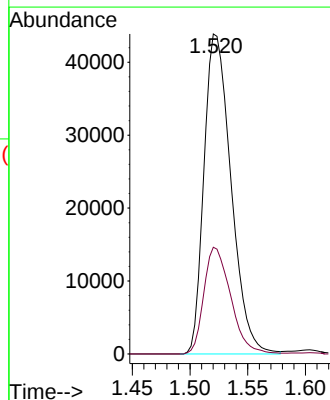
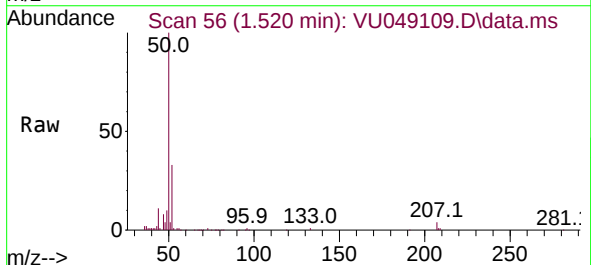
Instrument :
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 ClientSampleId :

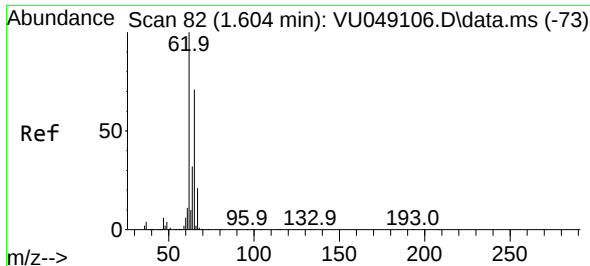
Tgt Ion: 85 Resp: 69643
 Ion Ratio Lower Upper
 85 100
 87 32.6 25.5 38.3



#3
 Chloromethane
 Concen: 5.140 ug/L
 RT: 1.520 min Scan# 56
 Delta R.T. -0.003 min
 Lab File: VU049109.D
 Acq: 14 Jun 2022 12:50

Tgt Ion: 50 Resp: 71473
 Ion Ratio Lower Upper
 50 100
 52 33.3 22.7 42.1

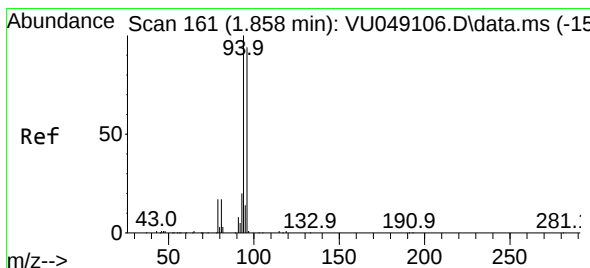
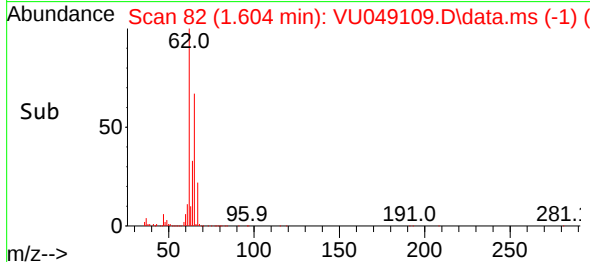
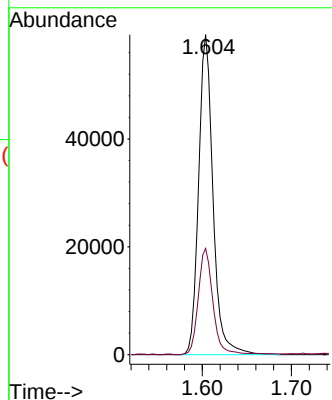
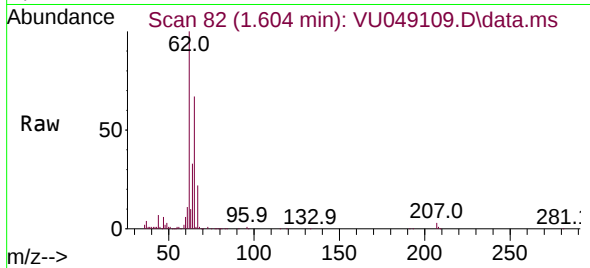




#5
 Vinyl chloride
 Concen: 5.347 ug/L
 RT: 1.604 min Scan# 82
 Delta R.T. -0.000 min
 Lab File: VU049109.D
 Acq: 14 Jun 2022 12:50

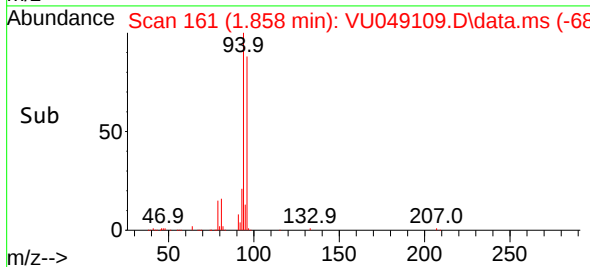
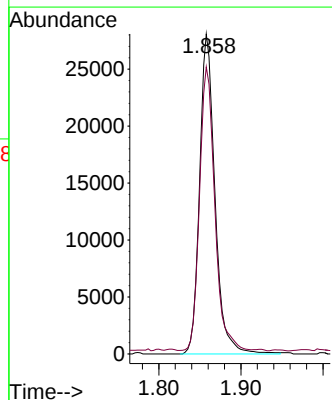
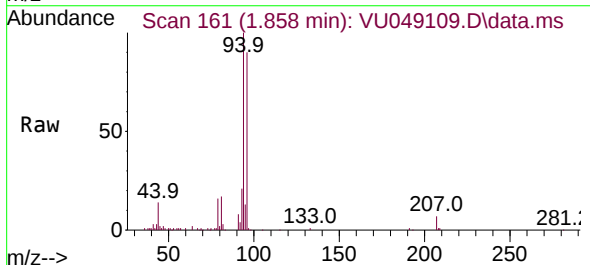
Instrument :
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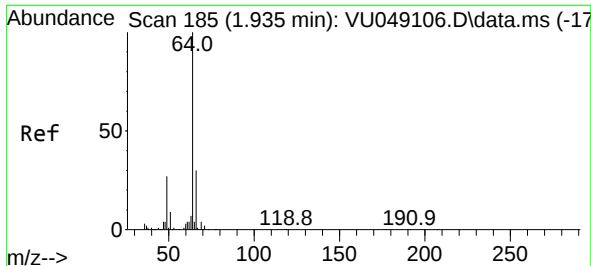
Tgt Ion: 62 Resp: 66702
 Ion Ratio Lower Upper
 62 100
 64 33.2 22.8 42.4



#6
 Bromomethane
 Concen: 5.318 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. -0.000 min
 Lab File: VU049109.D
 Acq: 14 Jun 2022 12:50

Tgt Ion: 94 Resp: 36498
 Ion Ratio Lower Upper
 94 100
 96 89.7 66.4 123.4

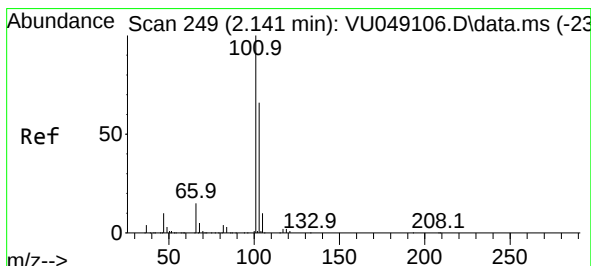
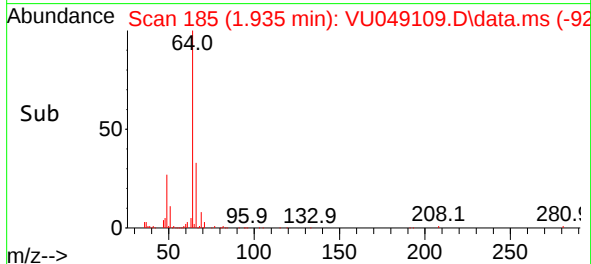
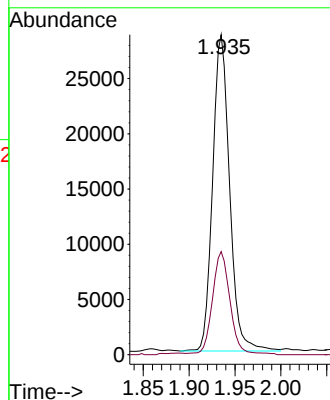
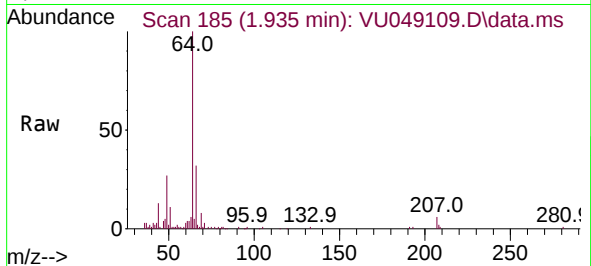




#8
Chloroethane
Concen: 5.093 ug/L
RT: 1.935 min Scan# 185
Delta R.T. -0.000 min
Lab File: VU049109.D
Acq: 14 Jun 2022 12:50

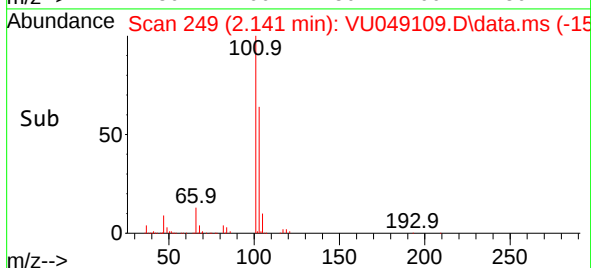
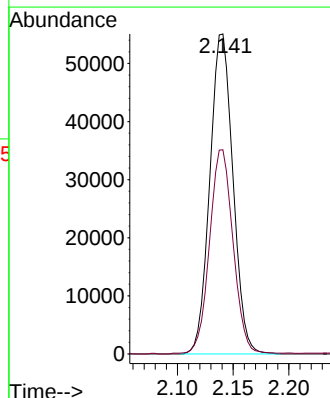
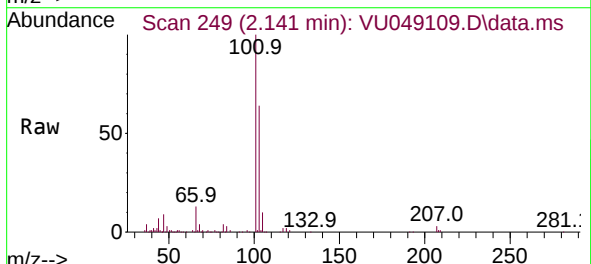
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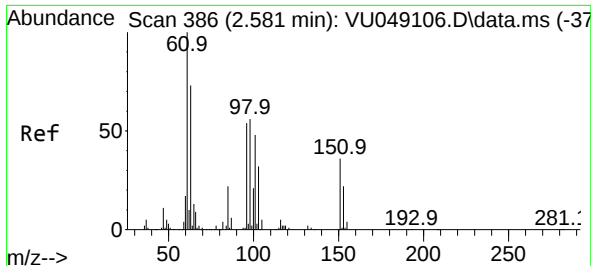
Tgt Ion: 64 Resp: 36767
Ion Ratio Lower Upper
64 100
66 32.2 20.9 38.9



#9
Trichlorofluoromethane
Concen: 5.500 ug/L
RT: 2.141 min Scan# 249
Delta R.T. -0.000 min
Lab File: VU049109.D
Acq: 14 Jun 2022 12:50

Tgt Ion: 101 Resp: 79606
Ion Ratio Lower Upper
101 100
103 65.2 53.5 80.3

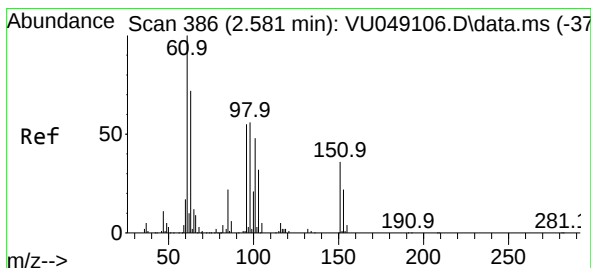
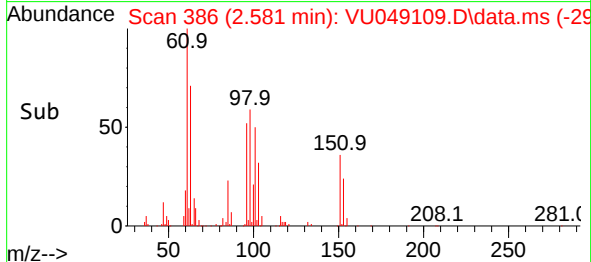
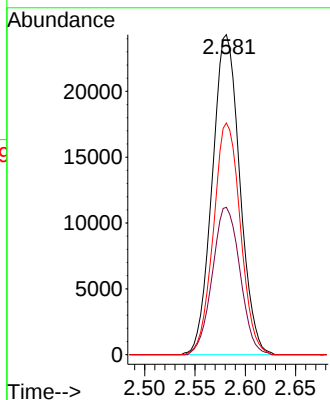
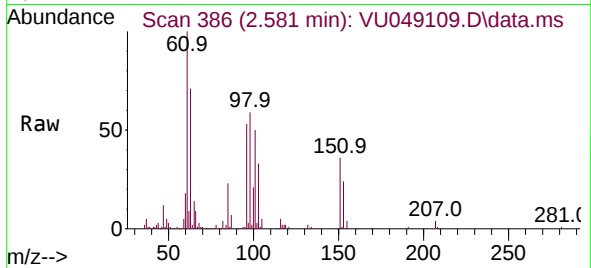




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.403 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. -0.000 min
 Lab File: VU049109.D
 Acq: 14 Jun 2022 12:50

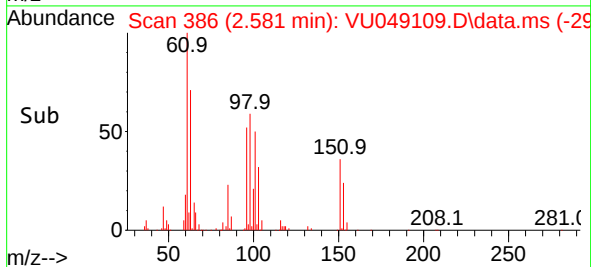
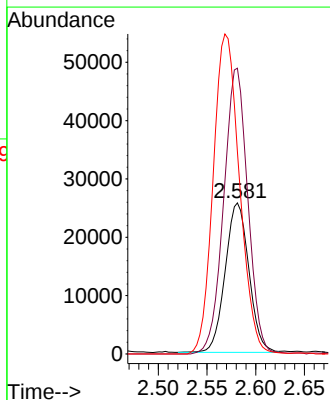
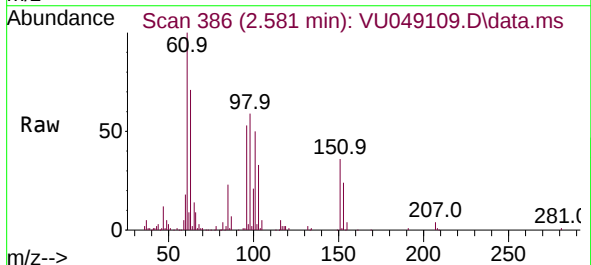
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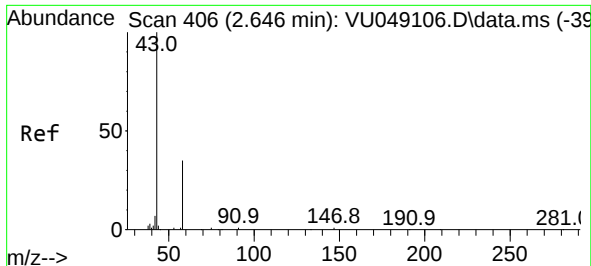
Tgt Ion:101 Resp: 46303
 Ion Ratio Lower Upper
 101 100
 85 46.3 36.1 54.1
 151 70.9 56.8 85.2



#12
 1,1-Dichloroethene
 Concen: 5.189 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. -0.000 min
 Lab File: VU049109.D
 Acq: 14 Jun 2022 12:50

Tgt Ion: 96 Resp: 43292
 Ion Ratio Lower Upper
 96 100
 61 189.2 127.2 236.2
 63 134.0 94.7 175.9





#13

Acetone

Concen: 52.107 ug/L

RT: 2.649 min Scan# 406

Delta R.T. 0.003 min

Lab File: VU049109.D

Acq: 14 Jun 2022 12:50

Instrument :

MSVOA_U

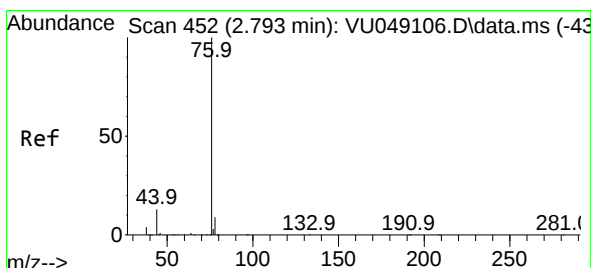
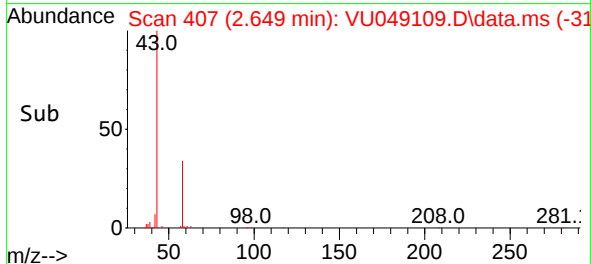
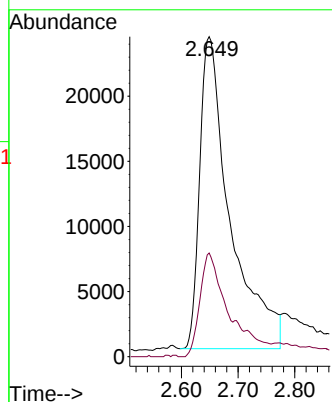
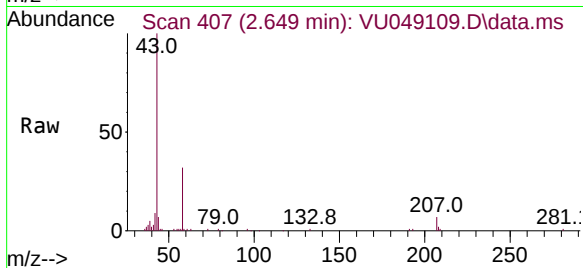
ClientSampleId :

Tgt Ion: 43 Resp: 89268

Ion Ratio Lower Upper

43 100

58 24.4 0.0 65.8



#14

Carbon disulfide

Concen: 5.393 ug/L

RT: 2.793 min Scan# 452

Delta R.T. -0.000 min

Lab File: VU049109.D

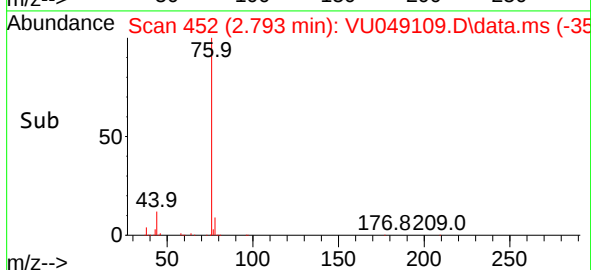
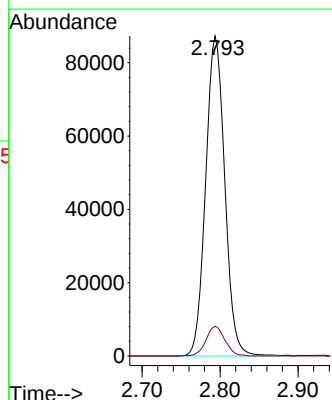
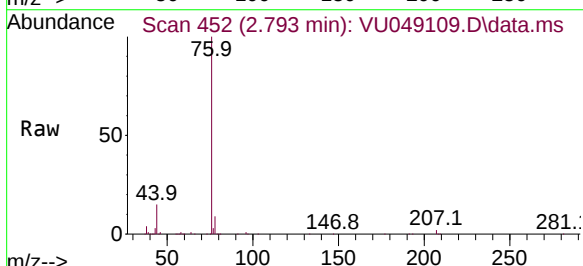
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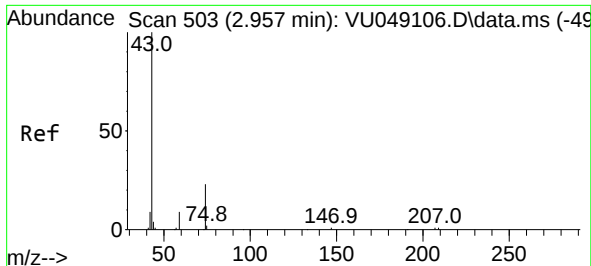
Tgt Ion: 76 Resp: 148621

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3

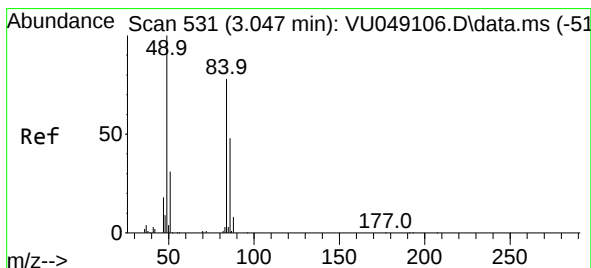
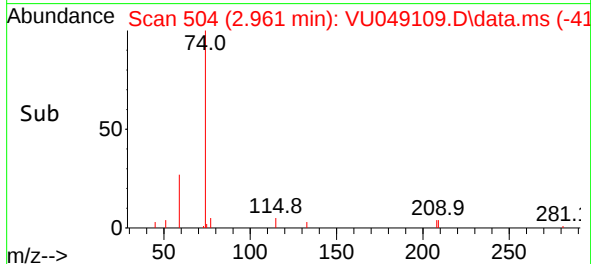
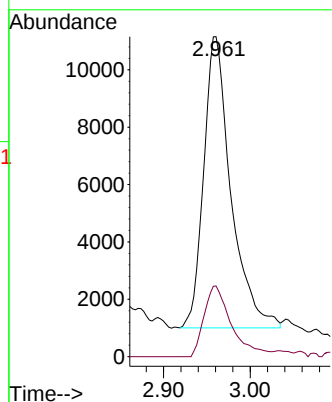
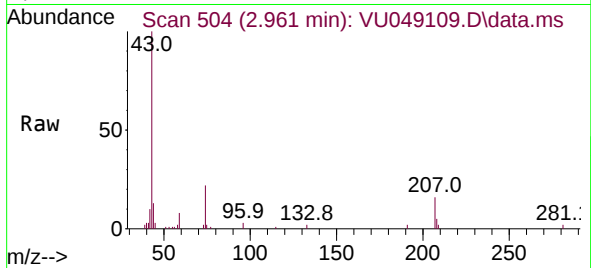




#15
Methyl Acetate
Concen: 4.849 ug/L
RT: 2.961 min Scan# 503
Delta R.T. 0.003 min
Lab File: VU049109.D
Acq: 14 Jun 2022 12:50

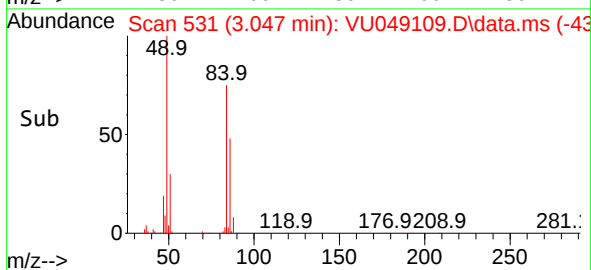
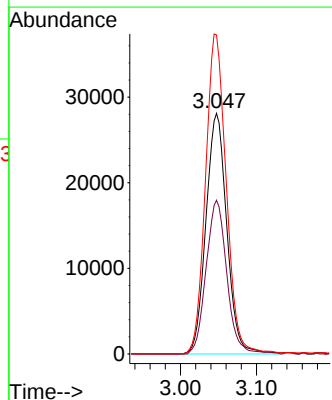
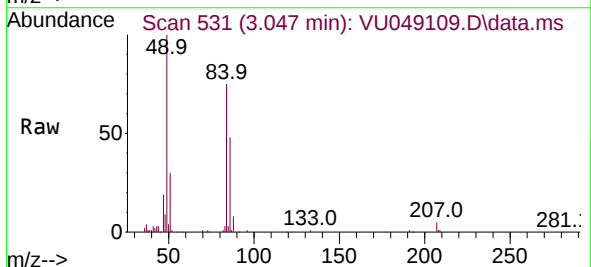
Instrument :
MSVOA_U
ClientSampleId :

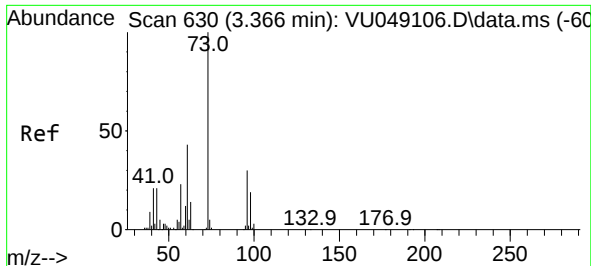
Tgt Ion: 43 Resp: 22218
Ion Ratio Lower Upper
43 100
74 24.5 17.6 26.4



#16
Methylene chloride
Concen: 4.876 ug/L
RT: 3.047 min Scan# 531
Delta R.T. -0.000 min
Lab File: VU049109.D
Acq: 14 Jun 2022 12:50

Tgt Ion: 84 Resp: 53518
Ion Ratio Lower Upper
84 100
86 63.9 43.6 81.0
49 132.5 90.2 167.6





#17

Methyl tert-butyl Ether

Concen: 5.421 ug/L

RT: 3.366 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU049109.D

Acq: 14 Jun 2022 12:50

Instrument :

MSVOA_U

ClientSampleId :

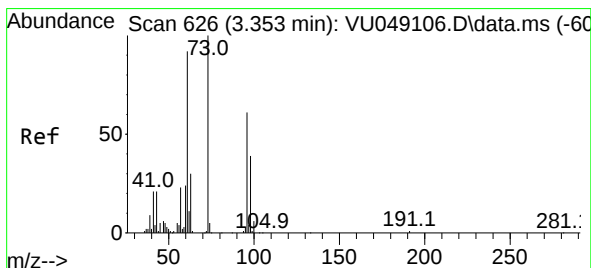
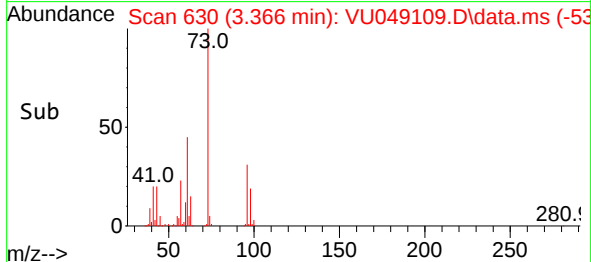
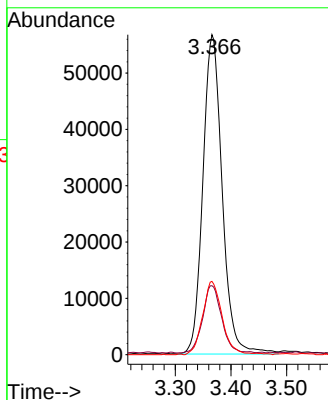
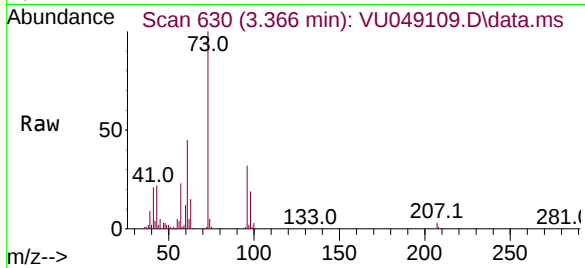
Tgt Ion: 73 Resp: 136784

Ion Ratio Lower Upper

73 100

43 20.5 16.5 24.7

57 23.0 18.6 27.8



#18

trans-1,2-Dichloroethene

Concen: 5.283 ug/L

RT: 3.356 min Scan# 627

Delta R.T. 0.003 min

Lab File: VU049109.D

Acq: 14 Jun 2022 12:50

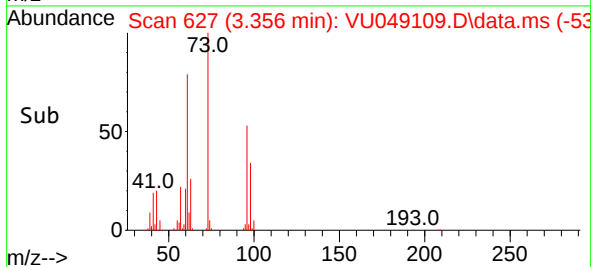
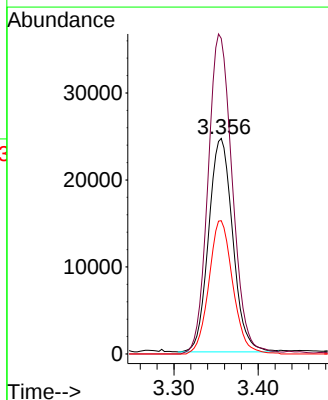
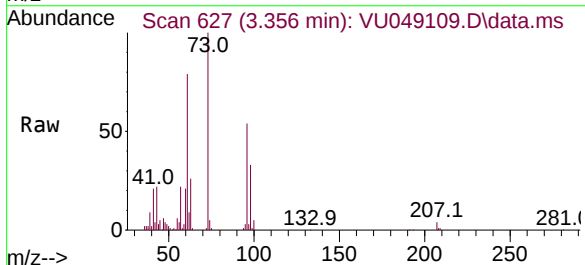
Tgt Ion: 96 Resp: 48833

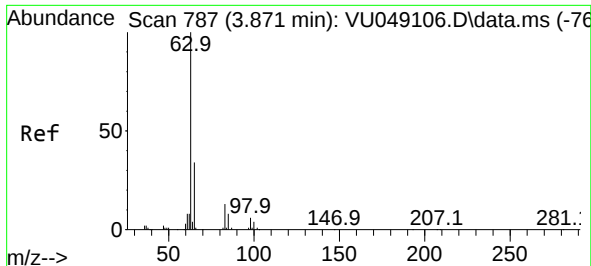
Ion Ratio Lower Upper

96 100

61 146.4 103.3 191.9

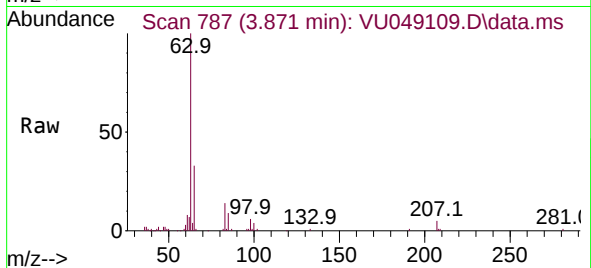
98 61.9 44.0 81.8



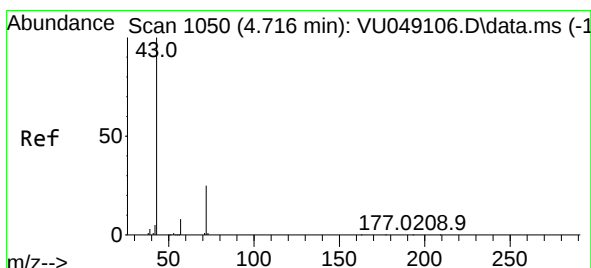
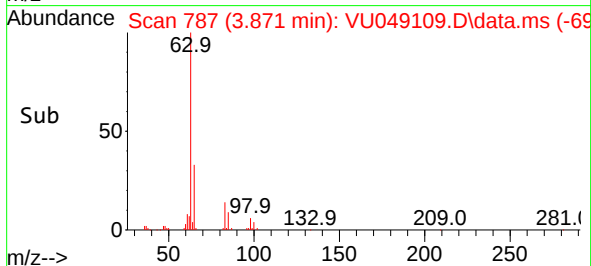
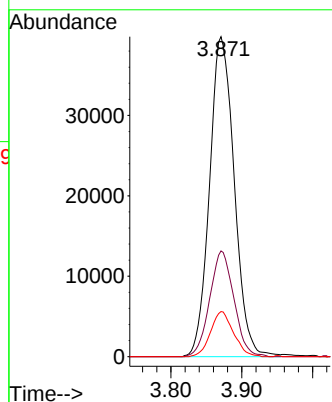


#19
1,1-Dichloroethane
Concen: 5.287 ug/L
RT: 3.871 min Scan# 787
Delta R.T. -0.000 min
Lab File: VU049109.D
Acq: 14 Jun 2022 12:50

Instrument :
MSVOA_U
ClientSampleId :

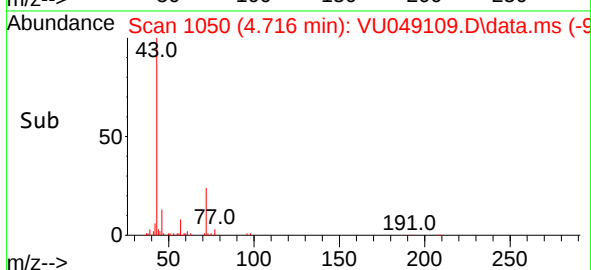
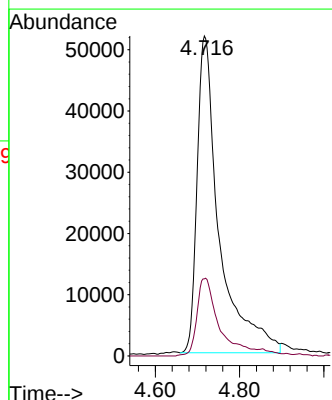
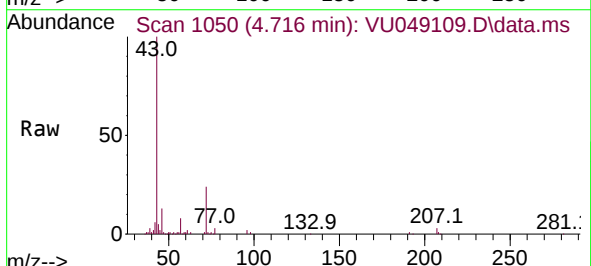


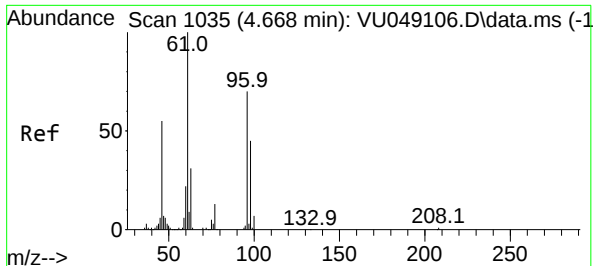
Tgt Ion: 63 Resp: 96360
Ion Ratio Lower Upper
63 100
65 33.0 24.0 44.6
83 14.1 9.1 16.9



#21
2-Butanone
Concen: 57.659 ug/L
RT: 4.716 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VU049109.D
Acq: 14 Jun 2022 12:50

Tgt Ion: 43 Resp: 188353
Ion Ratio Lower Upper
43 100
72 24.4 12.2 36.6

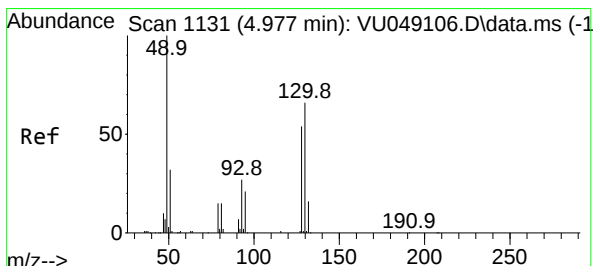
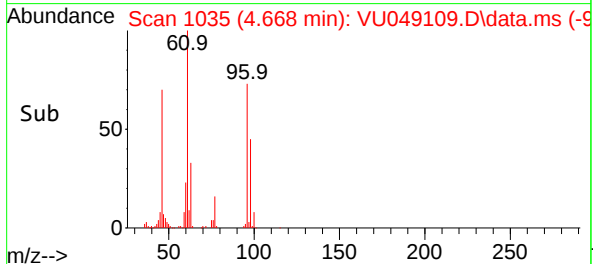
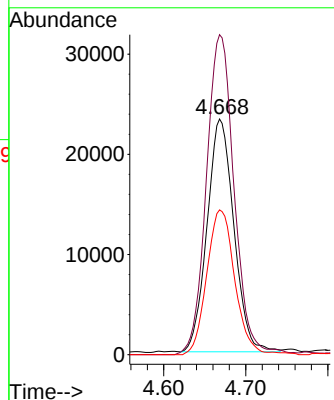
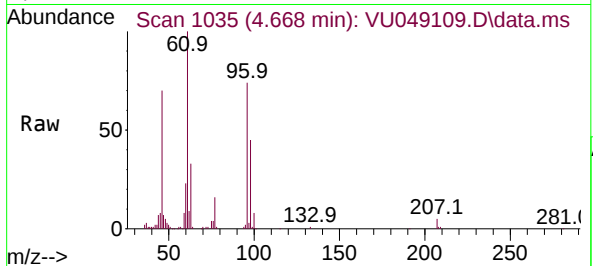




#22
 cis-1,2-Dichloroethene
 Concen: 5.114 ug/L
 RT: 4.668 min Scan# 1035
 Delta R.T. -0.000 min
 Lab File: VU049109.D
 Acq: 14 Jun 2022 12:50

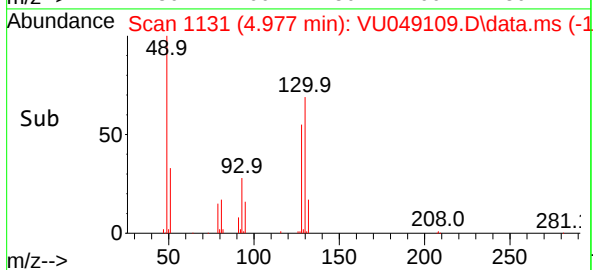
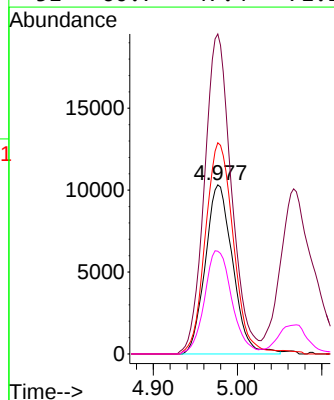
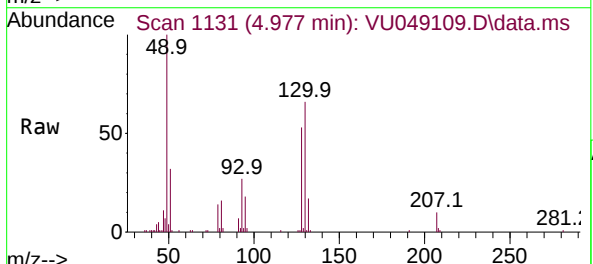
Instrument :
 MSVOA_U
 ClientSampleId :

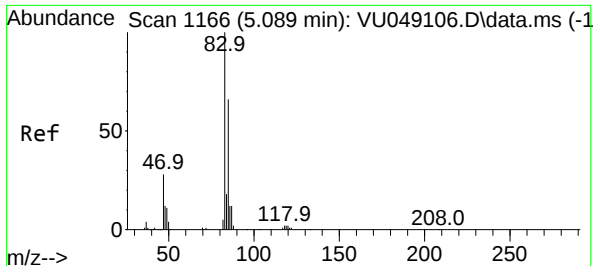
Tgt Ion: 96 Resp: 52870
 Ion Ratio Lower Upper
 96 100
 61 135.8 99.5 184.9
 98 61.5 44.8 83.2



#23
 Bromochloromethane
 Concen: 5.274 ug/L
 RT: 4.977 min Scan# 1131
 Delta R.T. -0.000 min
 Lab File: VU049109.D
 Acq: 14 Jun 2022 12:50

Tgt Ion: 128 Resp: 23339
 Ion Ratio Lower Upper
 128 100
 49 189.2 131.6 244.4
 130 124.9 86.9 161.5
 51 60.7 47.4 71.2





#25

Chloroform

Concen: 5.172 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. -0.000 min

Lab File: VU049109.D

Acq: 14 Jun 2022 12:50

Instrument :

MSVOA_U

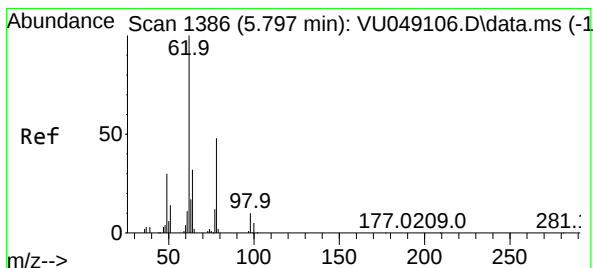
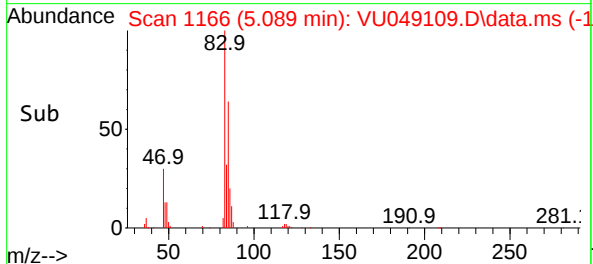
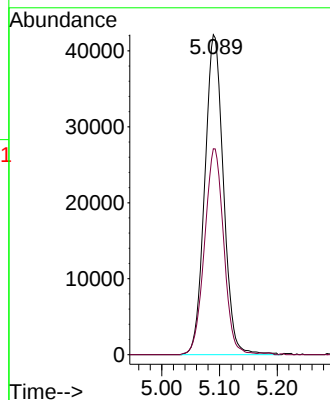
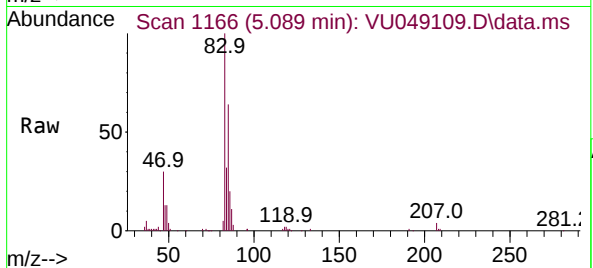
ClientSampleId :

Tgt Ion: 83 Resp: 94612

Ion Ratio Lower Upper

83 100

85 64.4 45.8 85.2



#27

1,2-Dichloroethane

Concen: 5.297 ug/L

RT: 5.797 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VU049109.D

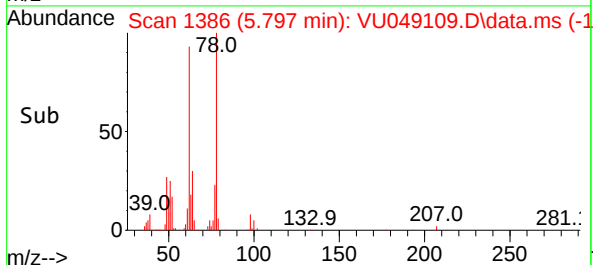
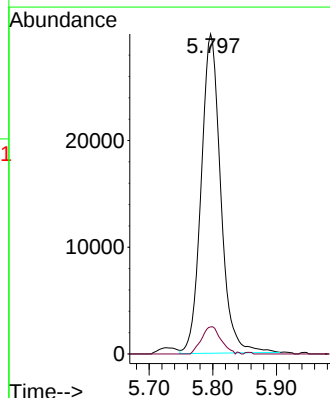
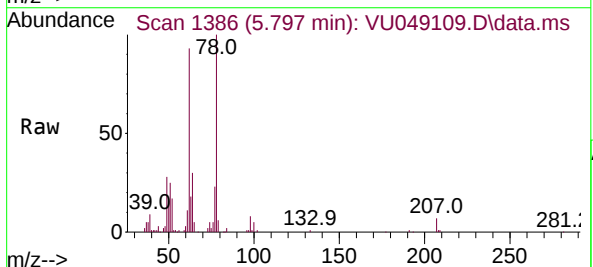
Acq: 14 Jun 2022 12:50

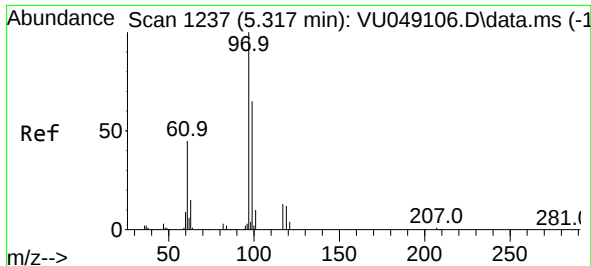
Tgt Ion: 62 Resp: 63821

Ion Ratio Lower Upper

62 100

98 8.4 7.6 11.4

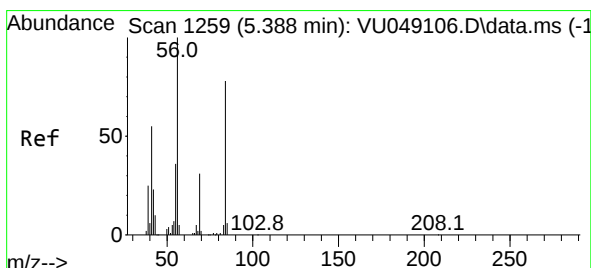
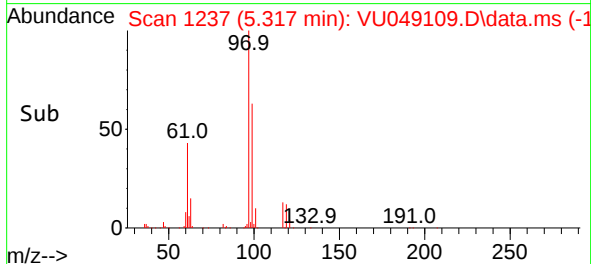
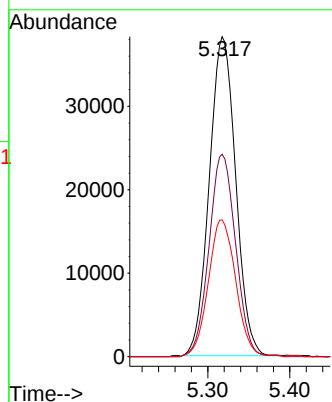
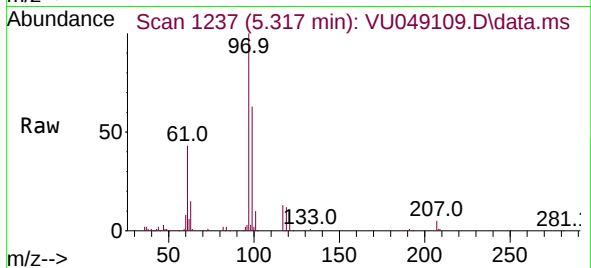




#29
1,1,1-Trichloroethane
Concen: 5.349 ug/L
RT: 5.317 min Scan# 1237
Delta R.T. -0.000 min
Lab File: VU049109.D
Acq: 14 Jun 2022 12:50

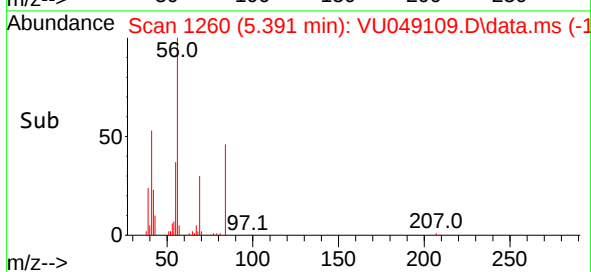
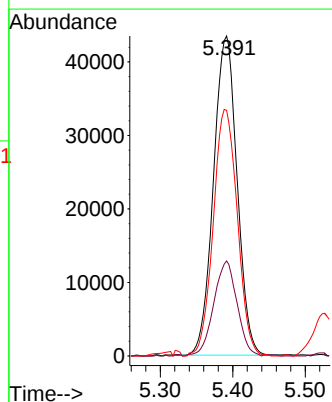
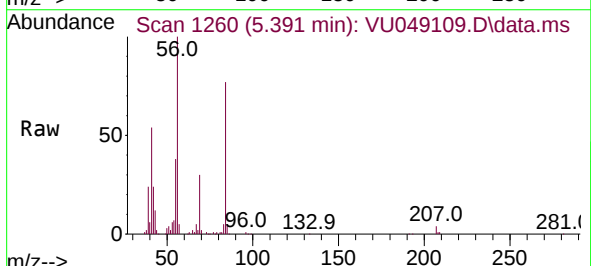
Instrument :
MSVOA_U
ClientSampleId :

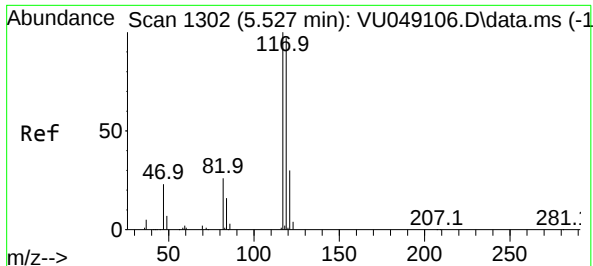
Tgt Ion: 97 Resp: 85570
Ion Ratio Lower Upper
97 100
99 64.0 51.0 76.4
61 44.6 36.2 54.4



#30
Cyclohexane
Concen: 5.402 ug/L
RT: 5.391 min Scan# 1260
Delta R.T. 0.003 min
Lab File: VU049109.D
Acq: 14 Jun 2022 12:50

Tgt Ion: 56 Resp: 98216
Ion Ratio Lower Upper
56 100
69 29.3 23.8 35.6
84 78.8 61.2 91.8

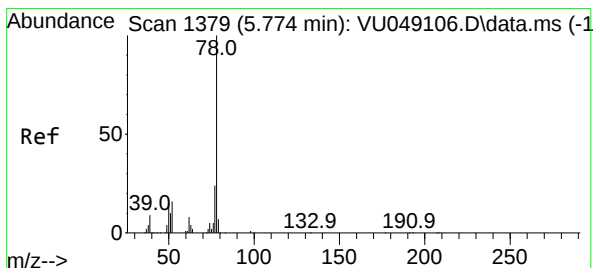
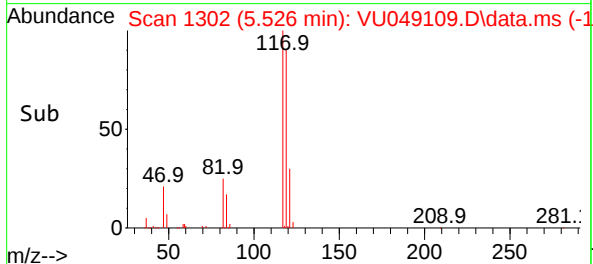
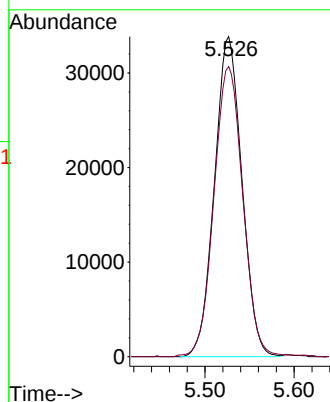
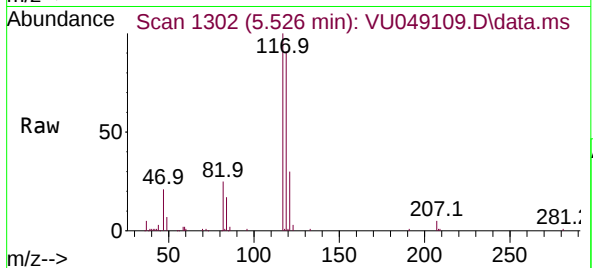




#31
Carbon tetrachloride
Concen: 5.416 ug/L
RT: 5.526 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU049109.D
Acq: 14 Jun 2022 12:50

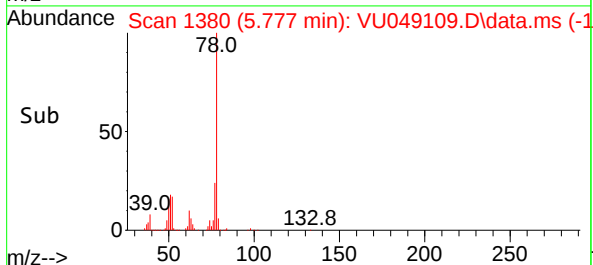
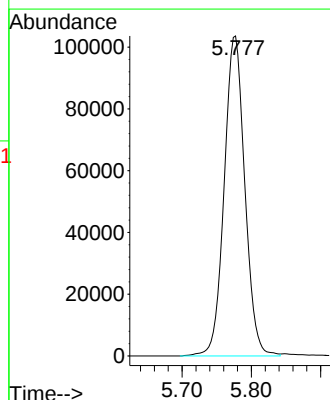
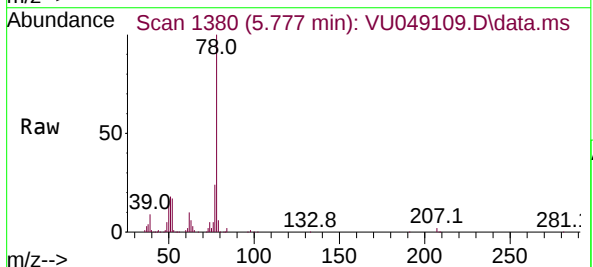
Instrument :
MSVOA_U
ClientSampleId :

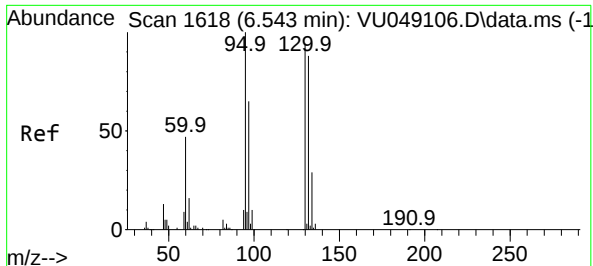
Tgt Ion:117 Resp: 72533
Ion Ratio Lower Upper
117 100
119 95.3 78.3 117.5



#33
Benzene
Concen: 5.381 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.003 min
Lab File: VU049109.D
Acq: 14 Jun 2022 12:50

Tgt Ion: 78 Resp: 214339



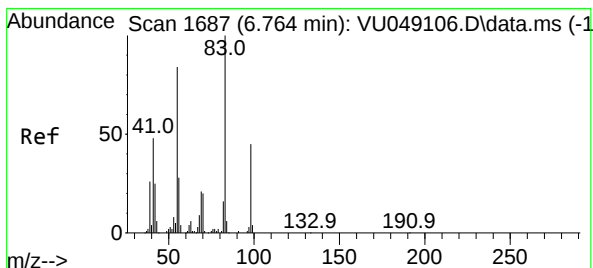
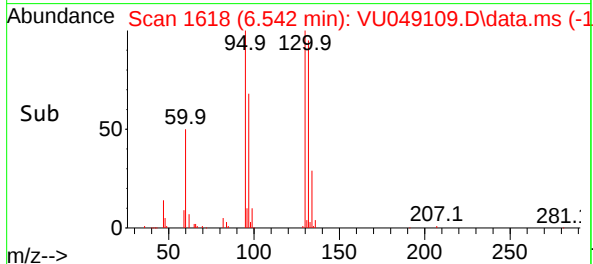
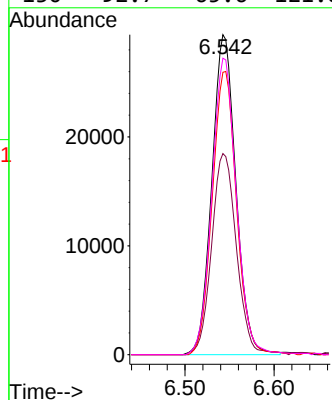
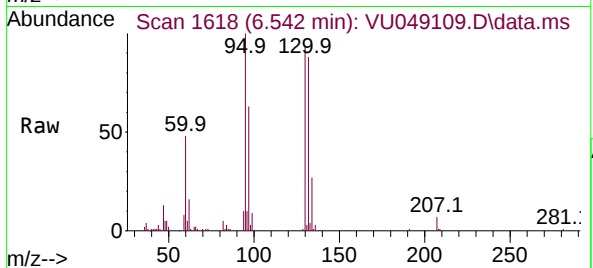


#34
Trichloroethene
Concen: 5.417 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU049109.D
Acq: 14 Jun 2022 12:50

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 55152

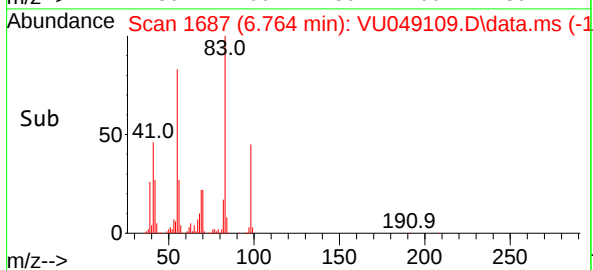
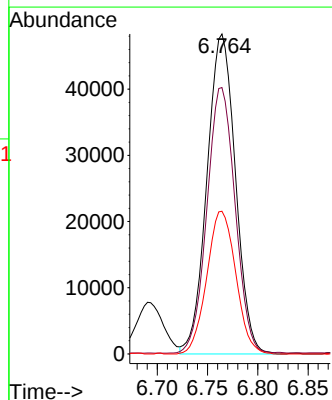
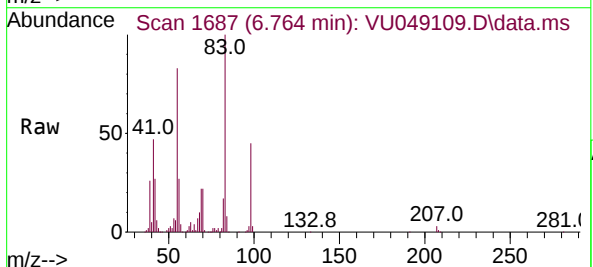
Ion	Ratio	Lower	Upper
95	100		
97	62.8	45.3	84.1
132	88.3	61.5	114.3
130	92.7	65.6	121.8

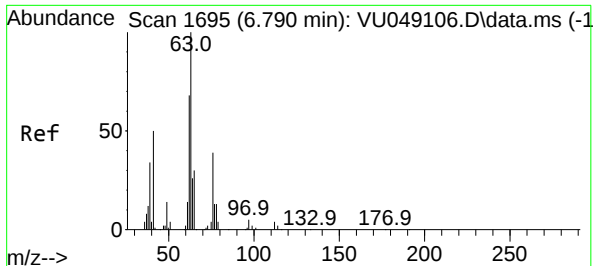


#35
Methylcyclohexane
Concen: 5.585 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VU049109.D
Acq: 14 Jun 2022 12:50

Tgt Ion: 83 Resp: 95364

Ion	Ratio	Lower	Upper
83	100		
55	82.1	66.9	100.3
98	45.3	35.5	53.3

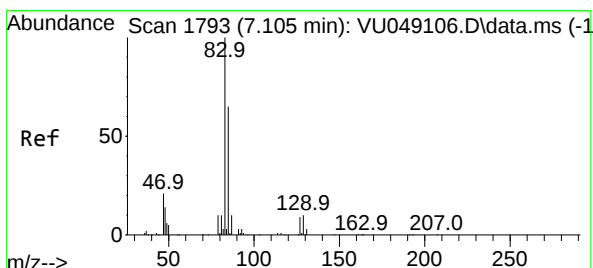
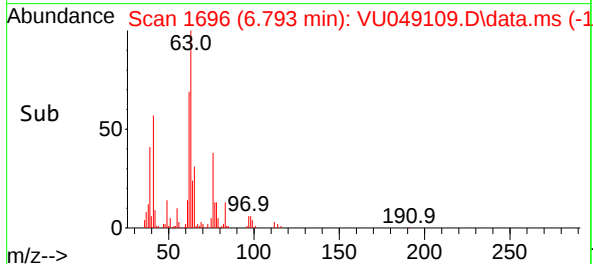
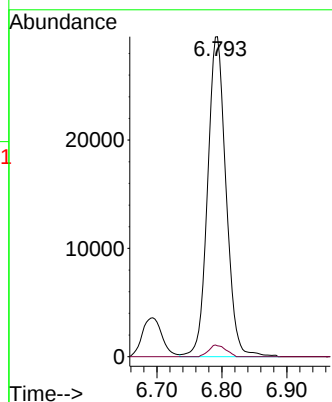
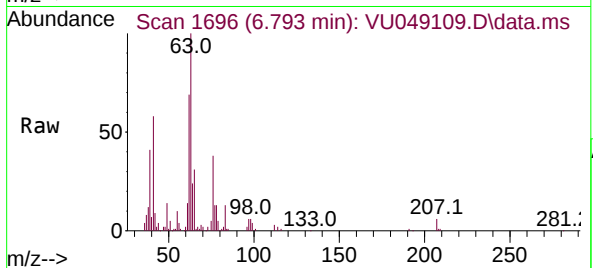




#37
1,2-Dichloropropane
Concen: 5.326 ug/L
RT: 6.793 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU049109.D
Acq: 14 Jun 2022 12:50

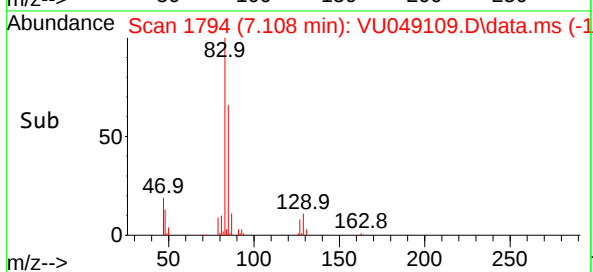
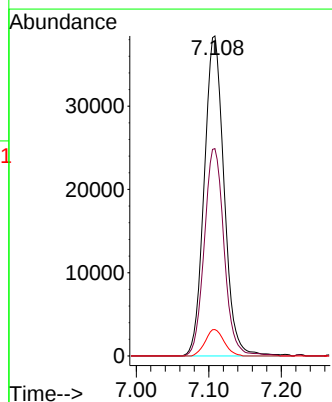
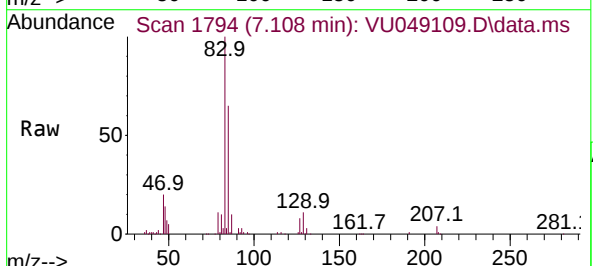
Instrument :
MSVOA_U
ClientSampleId :

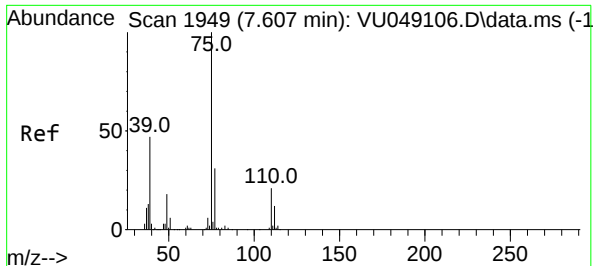
Tgt Ion: 63 Resp: 58290
Ion Ratio Lower Upper
63 100
112 3.4 2.8 4.2



#38
Bromodichloromethane
Concen: 5.465 ug/L
RT: 7.108 min Scan# 1794
Delta R.T. 0.003 min
Lab File: VU049109.D
Acq: 14 Jun 2022 12:50

Tgt Ion: 83 Resp: 73102
Ion Ratio Lower Upper
83 100
85 64.8 45.5 84.5
127 8.2 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 5.413 ug/L

RT: 7.610 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VU049109.D

Acq: 14 Jun 2022 12:50

Instrument :

MSVOA_U

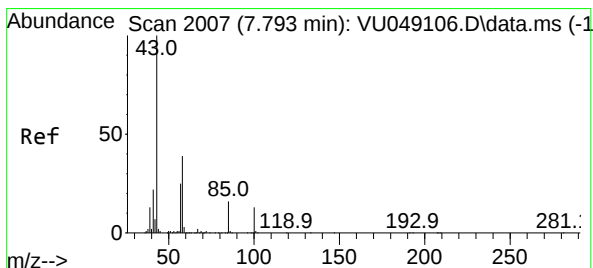
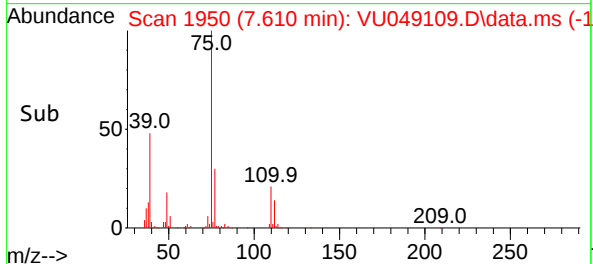
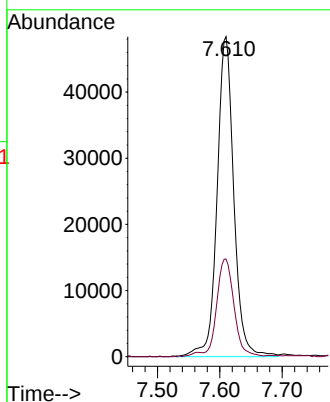
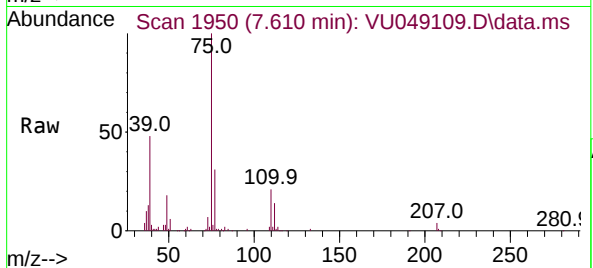
ClientSampleId :

Tgt Ion: 75 Resp: 90055

Ion Ratio Lower Upper

75 100

77 30.5 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 56.497 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.000 min

Lab File: VU049109.D

Acq: 14 Jun 2022 12:50

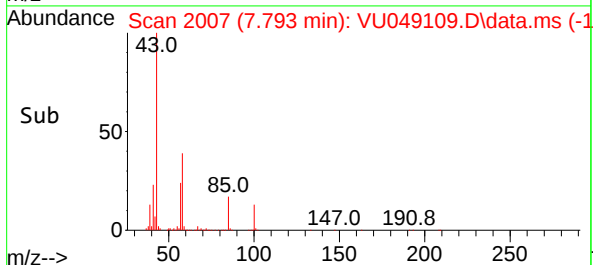
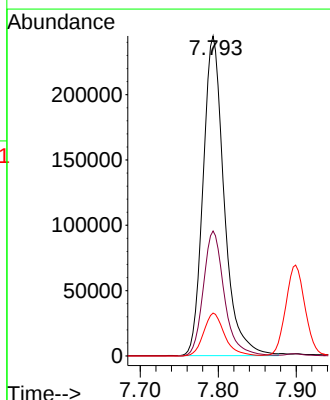
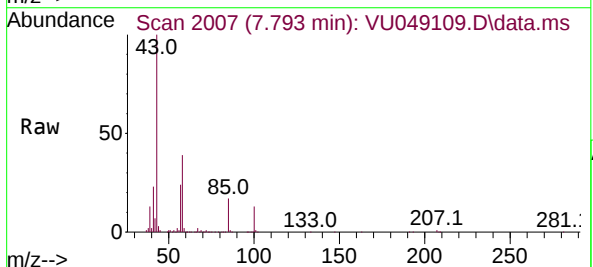
Tgt Ion: 43 Resp: 459379

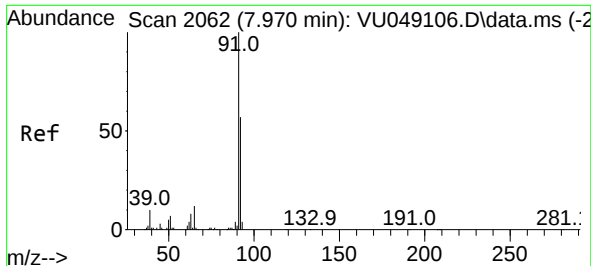
Ion Ratio Lower Upper

43 100

58 39.1 31.4 47.2

100 13.4 10.5 15.7





#42

Toluene

Concen: 5.414 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU049109.D

Acq: 14 Jun 2022 12:50

Instrument :

MSVOA_U

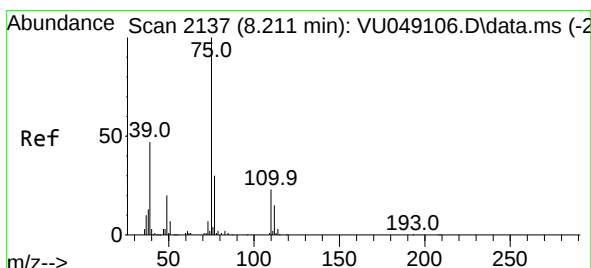
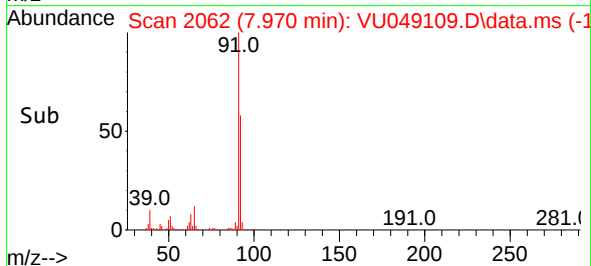
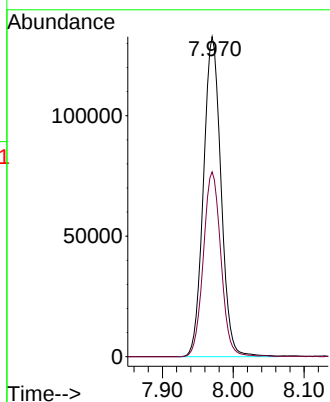
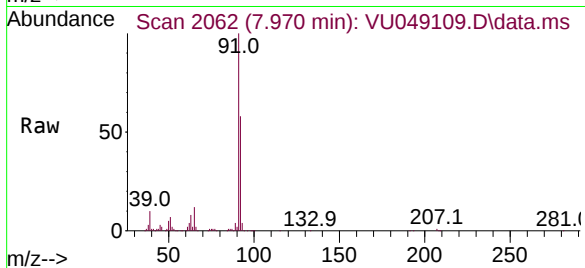
ClientSampleId :

Tgt Ion: 91 Resp: 228680

Ion Ratio Lower Upper

91 100

92 57.7 40.0 74.2



#44

trans-1,3-Dichloropropene

Concen: 5.510 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU049109.D

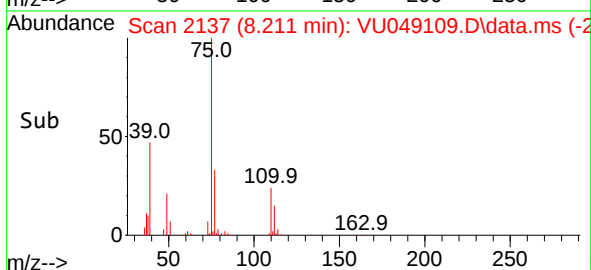
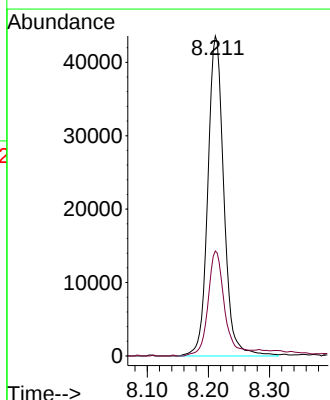
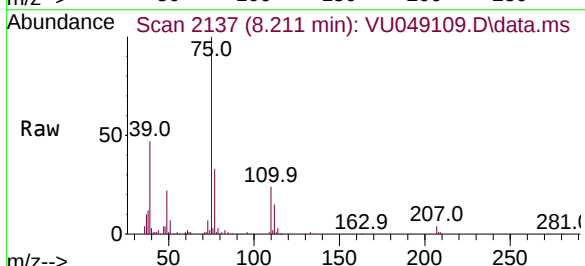
Acq: 14 Jun 2022 12:50

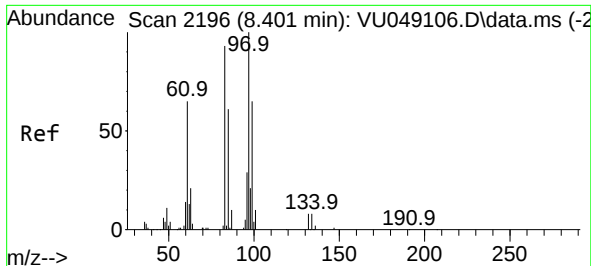
Tgt Ion: 75 Resp: 79609

Ion Ratio Lower Upper

75 100

77 32.8 21.1 39.3

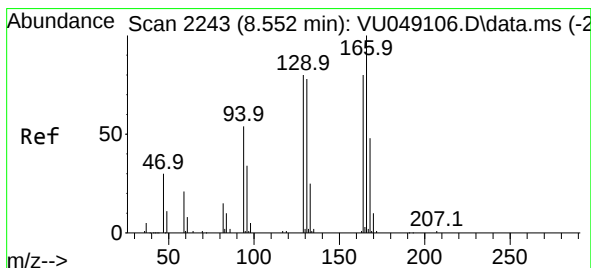
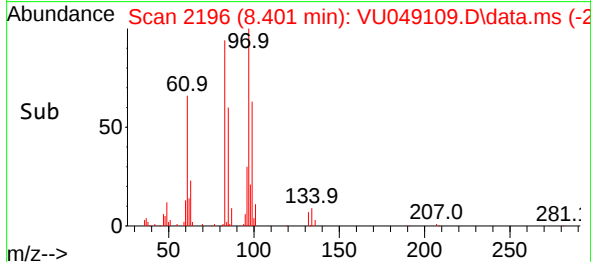
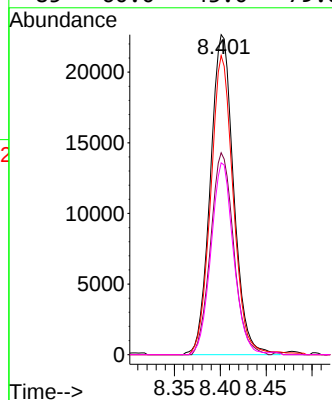
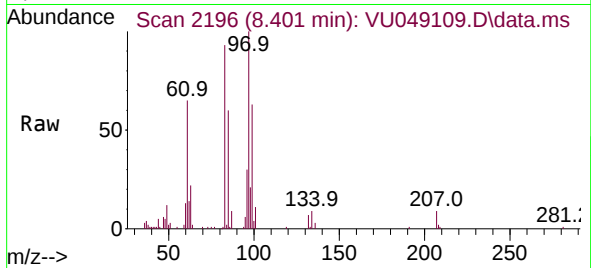




#45
1,1,2-Trichloroethane
Concen: 5.255 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU049109.D
Acq: 14 Jun 2022 12:50

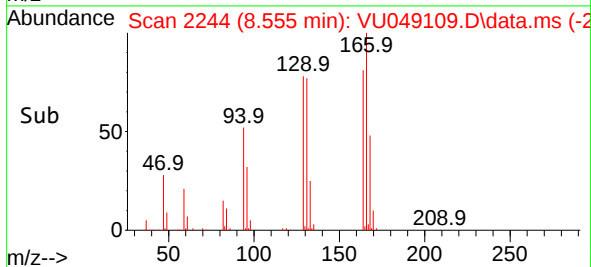
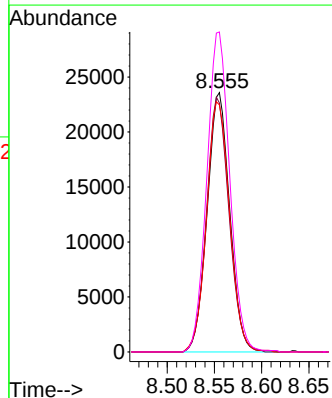
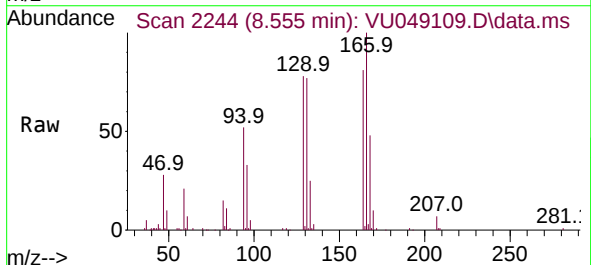
Instrument :
MSVOA_U
ClientSampleId :

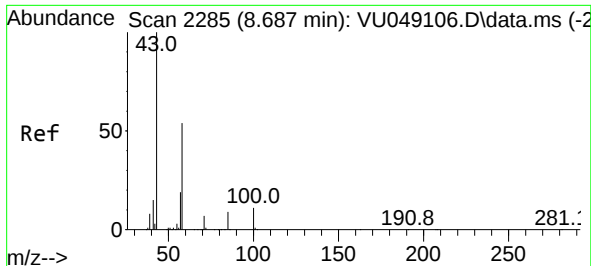
Tgt Ion:	97	Resp:	40094
Ion	Ratio	Lower	Upper
97	100		
99	63.1	45.6	84.8
83	93.5	65.4	121.4
85	60.0	43.0	79.8



#47
Tetrachloroethene
Concen: 5.585 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.003 min
Lab File: VU049109.D
Acq: 14 Jun 2022 12:50

Tgt Ion:	164	Resp:	39208
Ion	Ratio	Lower	Upper
164	100		
129	96.0	69.8	129.6
131	95.3	67.8	125.8
166	123.4	87.3	162.1

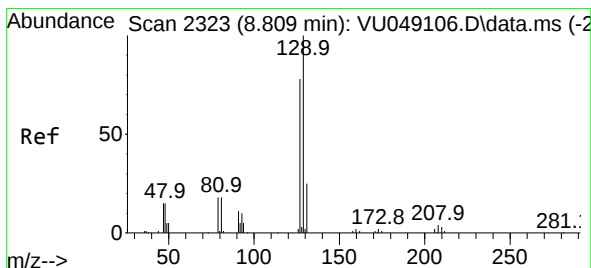
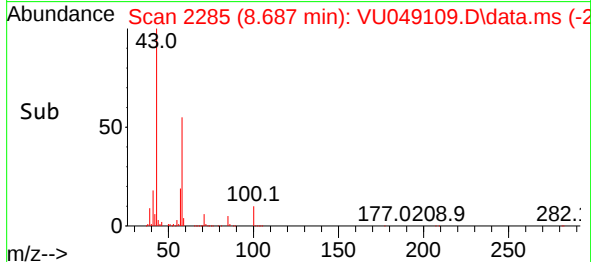
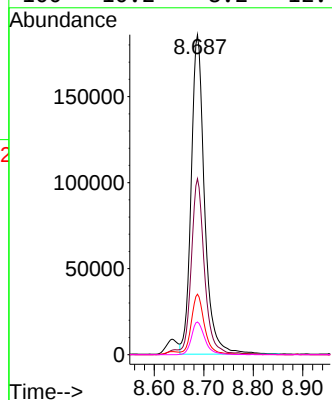
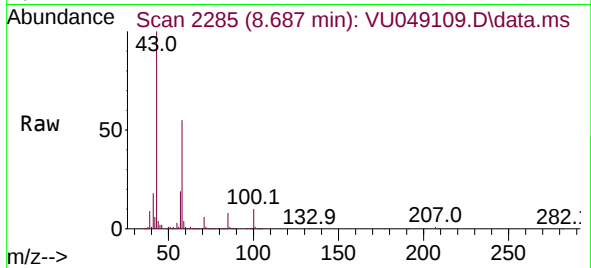




#48
2-Hexanone
Concen: 60.169 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU049109.D
Acq: 14 Jun 2022 12:50

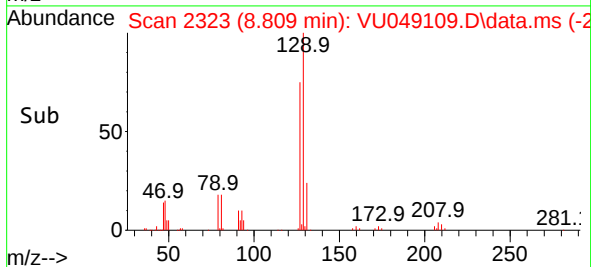
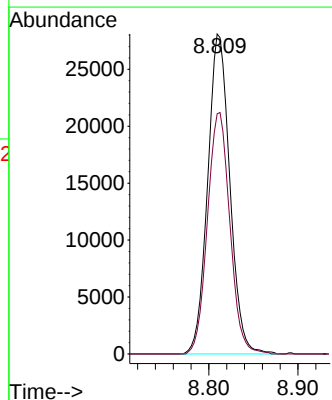
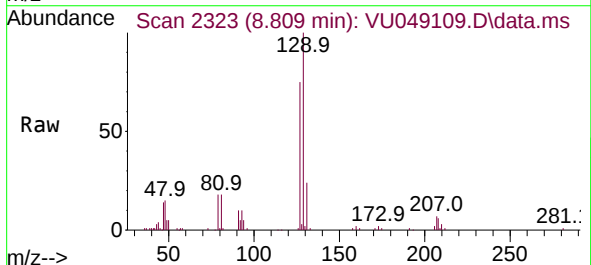
Instrument :
MSVOA_U
ClientSampleId :

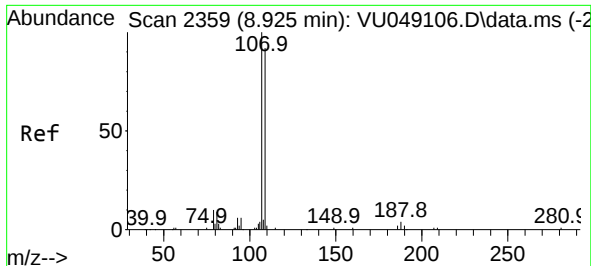
Tgt Ion: 43 Resp: 349196
Ion Ratio Lower Upper
43 100
58 55.7 43.4 65.0
57 18.5 14.9 22.3
100 10.2 8.2 12.4



#49
Dibromochloromethane
Concen: 5.570 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VU049109.D
Acq: 14 Jun 2022 12:50

Tgt Ion: 129 Resp: 48483
Ion Ratio Lower Upper
129 100
127 75.0 54.9 101.9





#50

1,2-Dibromoethane

Concen: 5.585 ug/L

RT: 8.925 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU049109.D

Acq: 14 Jun 2022 12:50

Instrument :

MSVOA_U

ClientSampleId :

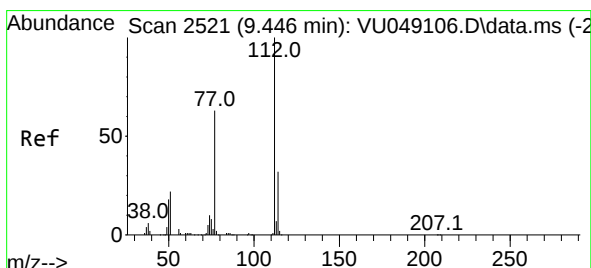
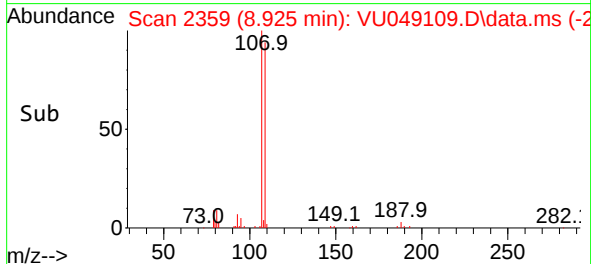
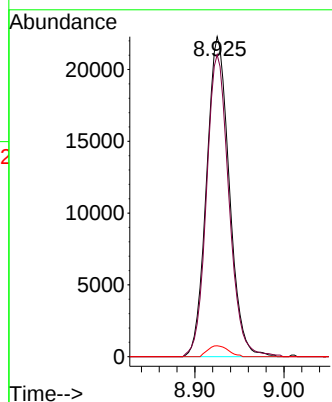
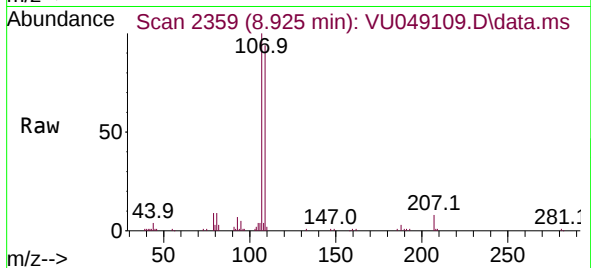
Tgt Ion:107 Resp: 39498

Ion Ratio Lower Upper

107 100

109 94.4 64.4 119.6

188 3.4 2.9 4.3



#51

Chlorobenzene

Concen: 5.503 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. 0.003 min

Lab File: VU049109.D

Acq: 14 Jun 2022 12:50

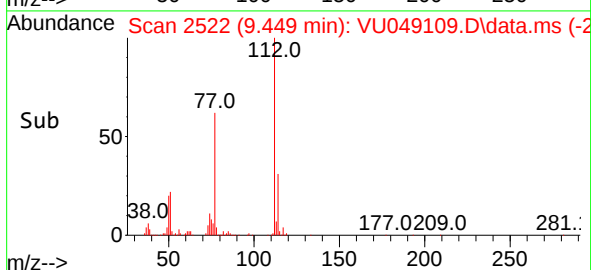
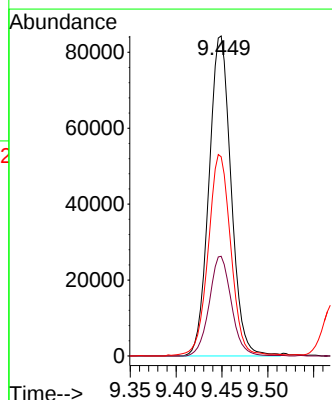
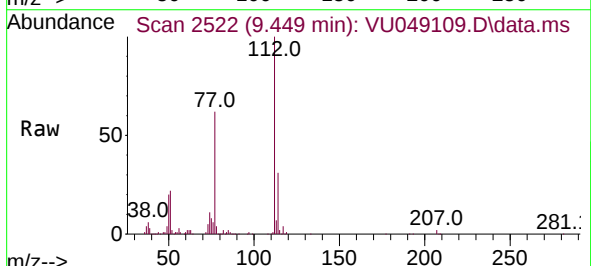
Tgt Ion:112 Resp: 141537

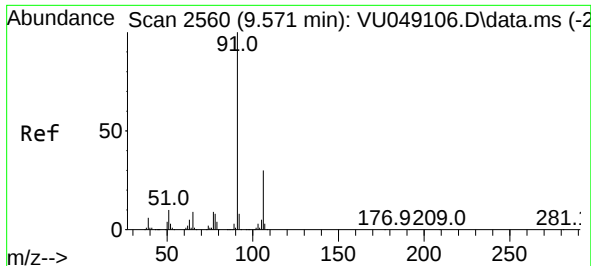
Ion Ratio Lower Upper

112 100

114 31.1 22.3 41.3

77 62.2 51.0 76.6





#52

Ethylbenzene

Concen: 5.463 ug/L

RT: 9.571 min Scan# 2560

Delta R.T. -0.000 min

Lab File: VU049109.D

Acq: 14 Jun 2022 12:50

Instrument :

MSVOA_U

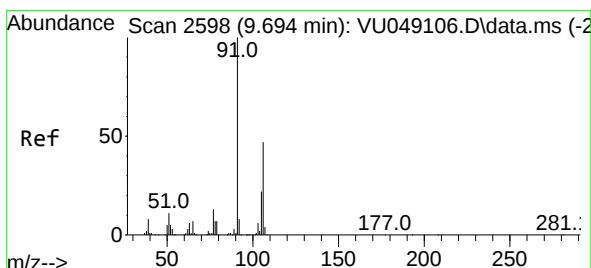
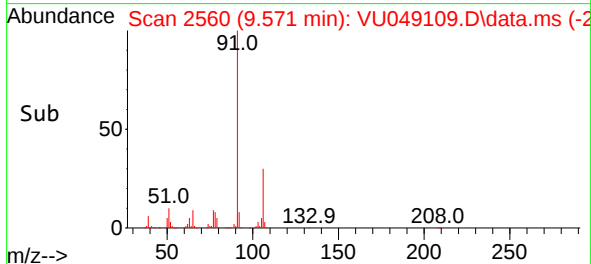
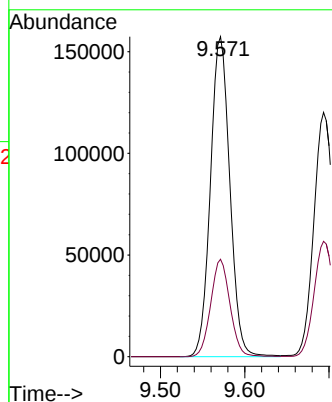
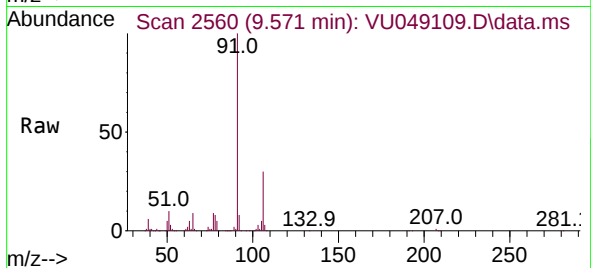
ClientSampleId :

Tgt Ion: 91 Resp: 251998

Ion Ratio Lower Upper

91 100

106 30.4 21.2 39.4



#53

m,p-Xylene

Concen: 5.527 ug/L

RT: 9.693 min Scan# 2598

Delta R.T. -0.000 min

Lab File: VU049109.D

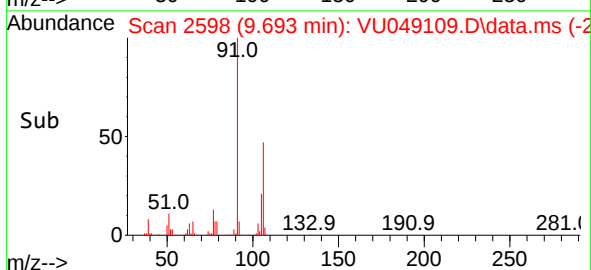
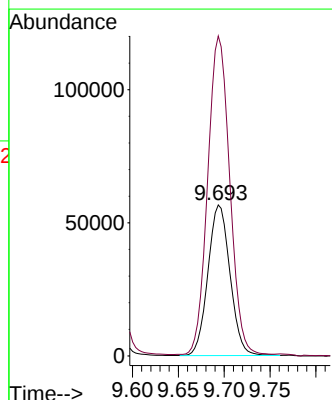
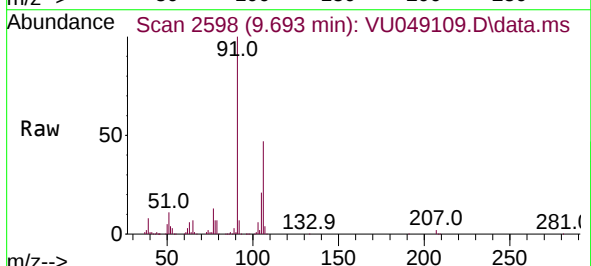
Acq: 14 Jun 2022 12:50

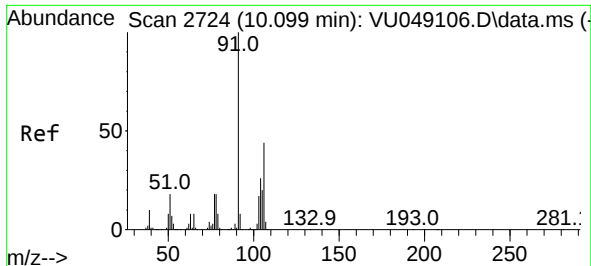
Tgt Ion: 106 Resp: 94753

Ion Ratio Lower Upper

106 100

91 211.8 148.5 275.7

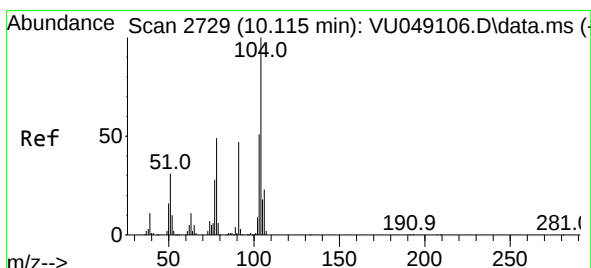
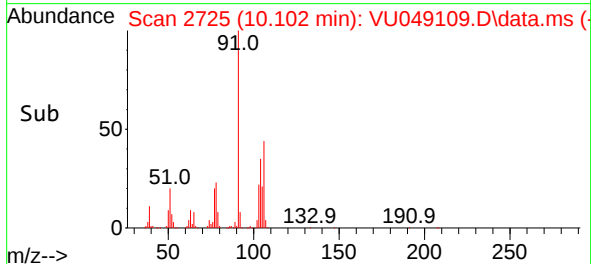
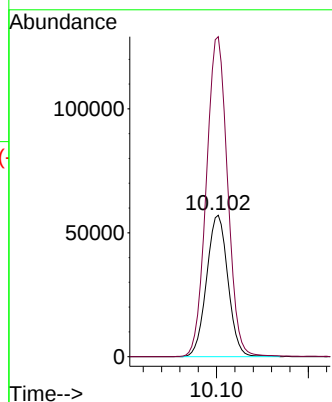
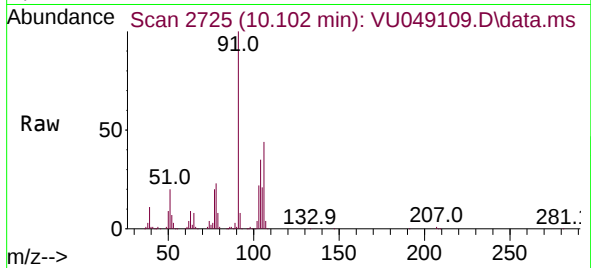




#54
o-Xylene
Concen: 5.429 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.003 min
Lab File: VU049109.D
Acq: 14 Jun 2022 12:50

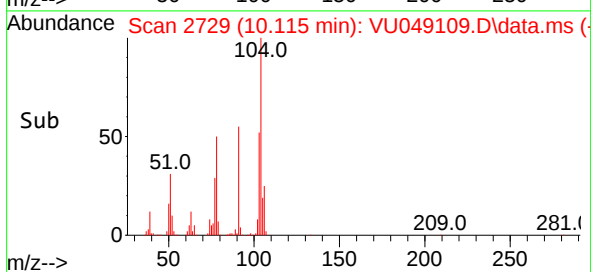
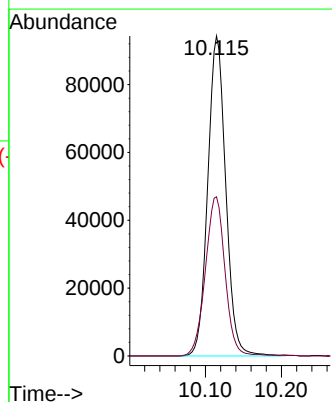
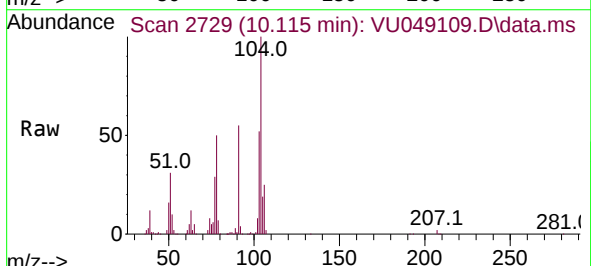
Instrument :
MSVOA_U
ClientSampleId :

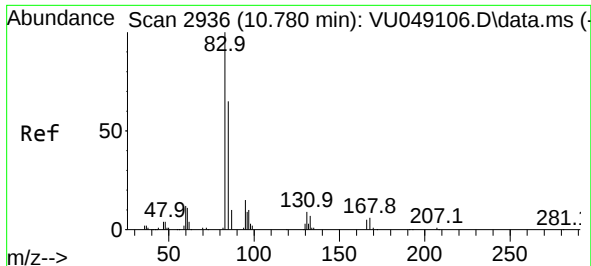
Tgt Ion:106 Resp: 92279
Ion Ratio Lower Upper
106 100
91 226.3 157.5 292.5



#55
Styrene
Concen: 5.440 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU049109.D
Acq: 14 Jun 2022 12:50

Tgt Ion:104 Resp: 154843
Ion Ratio Lower Upper
104 100
78 49.8 34.1 63.3





#57

1,1,2,2-Tetrachloroethane

Concen: 5.506 ug/L

RT: 10.783 min Scan# 2936

Delta R.T. 0.003 min

Lab File: VU049109.D

Acq: 14 Jun 2022 12:50

Instrument :

MSVOA_U

ClientSampleId :

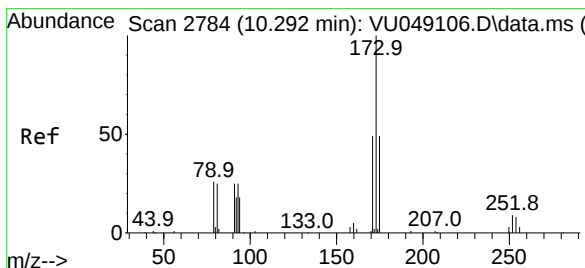
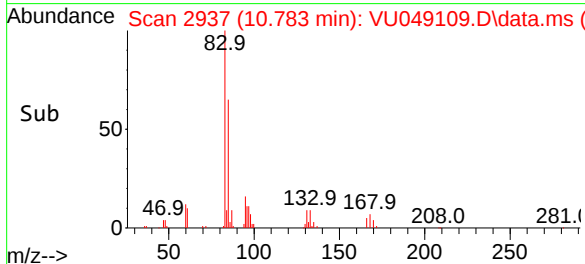
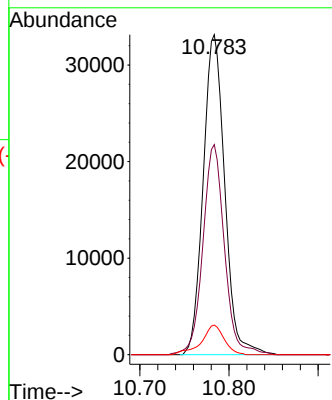
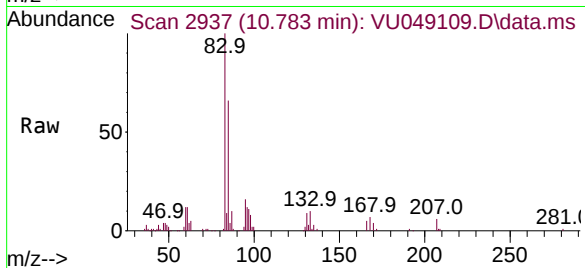
Tgt Ion: 83 Resp: 55600

Ion Ratio Lower Upper

83 100

85 65.6 45.4 84.4

131 9.3 7.1 10.7



#59

Bromoform

Concen: 5.334 ug/L

RT: 10.291 min Scan# 2784

Delta R.T. -0.000 min

Lab File: VU049109.D

Acq: 14 Jun 2022 12:50

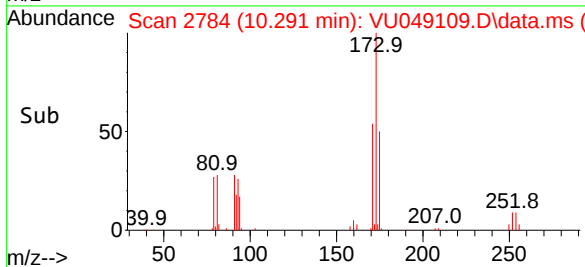
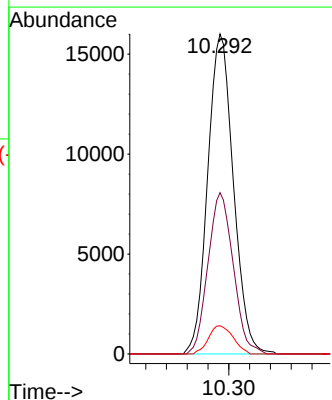
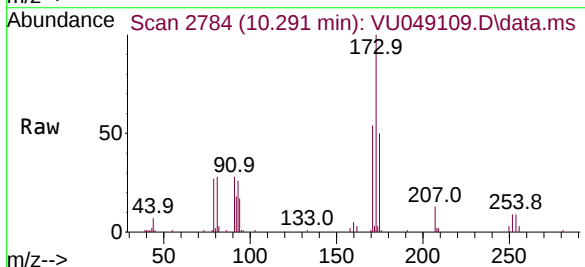
Tgt Ion:173 Resp: 27475

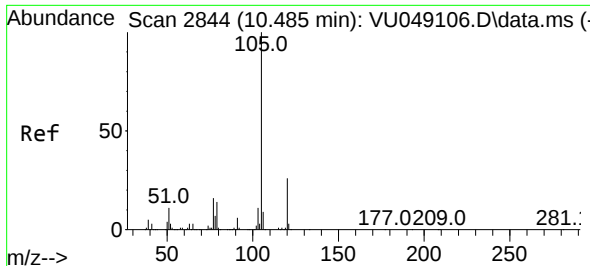
Ion Ratio Lower Upper

173 100

175 49.4 37.9 56.9

254 8.5 6.6 9.8

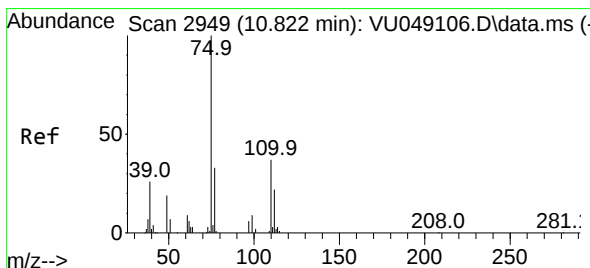
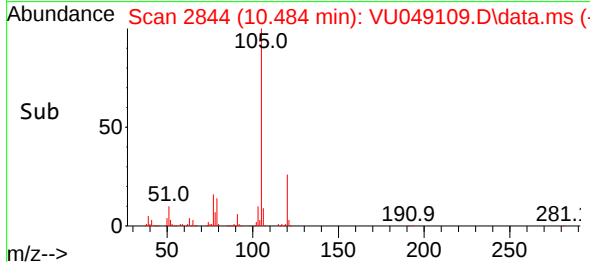
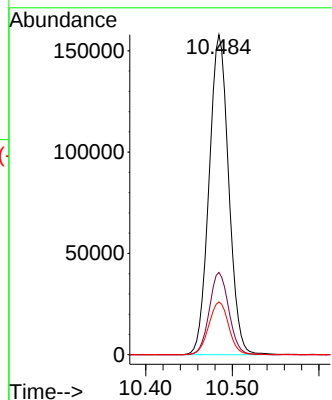
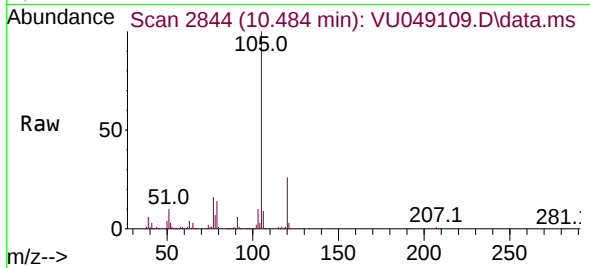




#60
Isopropylbenzene
Concen: 5.322 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU049109.D
Acq: 14 Jun 2022 12:50

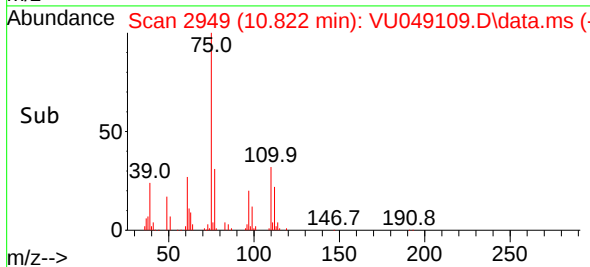
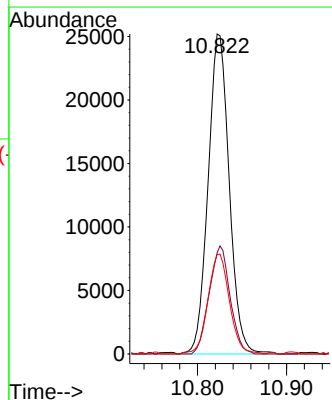
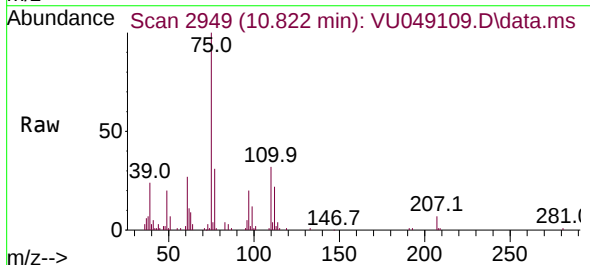
Instrument :
MSVOA_U
ClientSampleId :

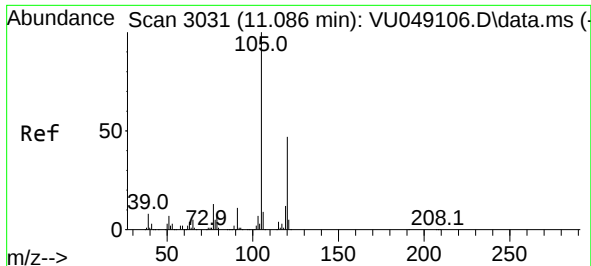
Tgt Ion:105 Resp: 248644
Ion Ratio Lower Upper
105 100
120 25.5 20.3 30.5
77 16.8 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 5.384 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU049109.D
Acq: 14 Jun 2022 12:50

Tgt Ion: 75 Resp: 41431
Ion Ratio Lower Upper
75 100
110 33.4 29.0 43.4
77 31.6 26.2 39.2

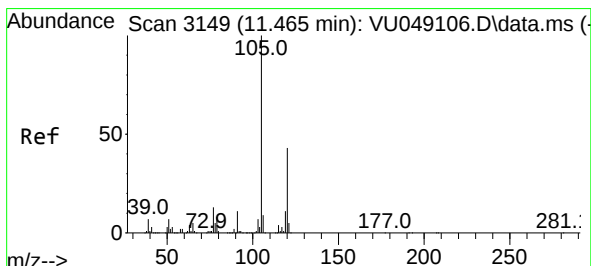
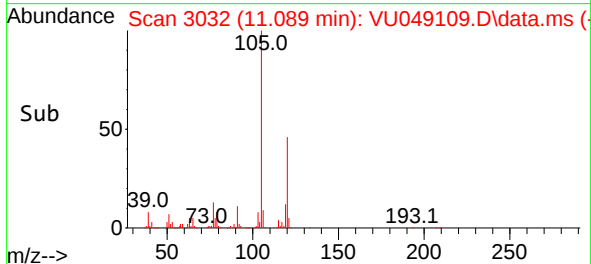
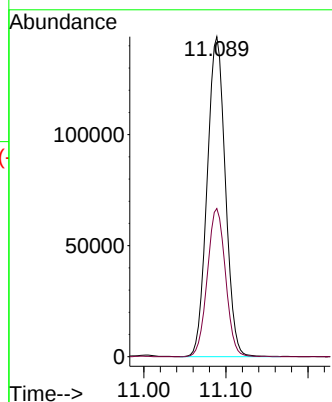
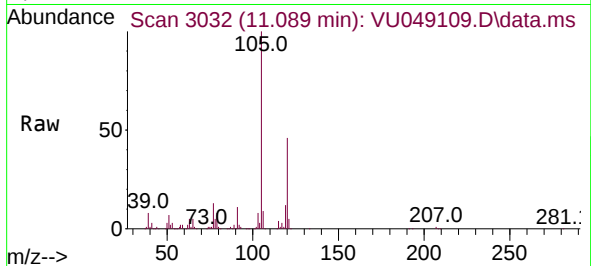




#62
1,3,5-Trimethylbenzene
Concen: 5.380 ug/L
RT: 11.089 min Scan# 3031
Delta R.T. 0.003 min
Lab File: VU049109.D
Acq: 14 Jun 2022 12:50

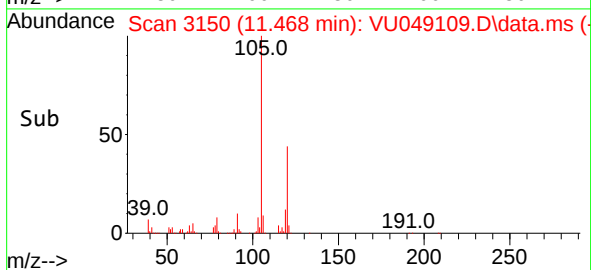
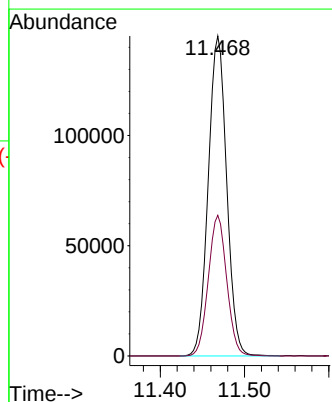
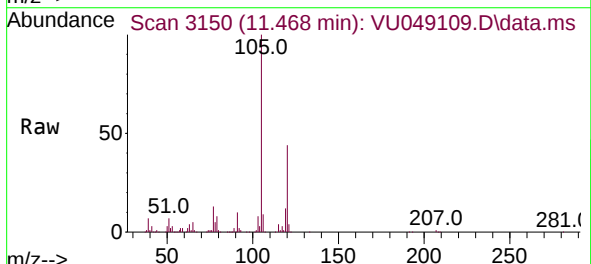
Instrument :
MSVOA_U
ClientSampleId :

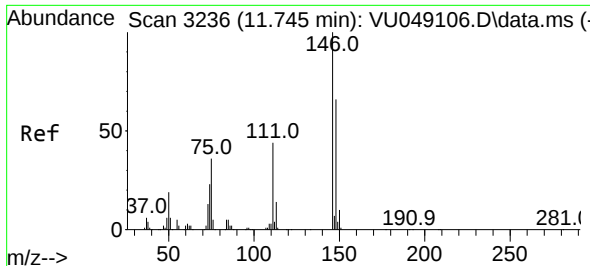
Tgt Ion:105 Resp: 221823
Ion Ratio Lower Upper
105 100
120 46.3 37.8 56.6



#63
1,2,4-Trimethylbenzene
Concen: 5.399 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. 0.003 min
Lab File: VU049109.D
Acq: 14 Jun 2022 12:50

Tgt Ion:105 Resp: 220564
Ion Ratio Lower Upper
105 100
120 43.9 34.6 52.0

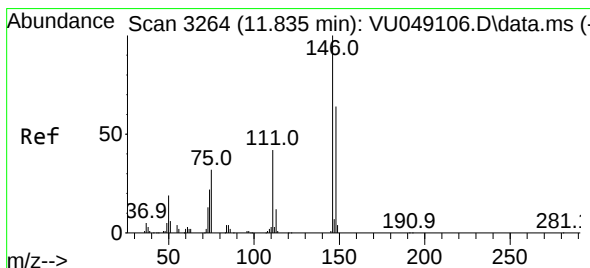
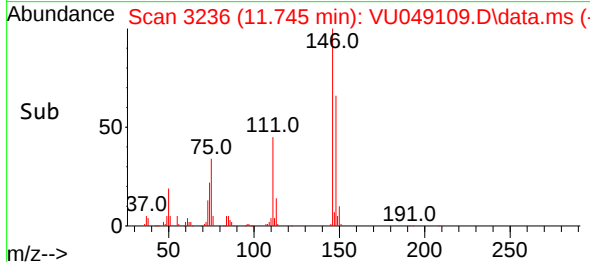
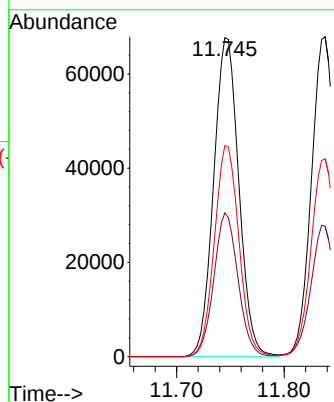
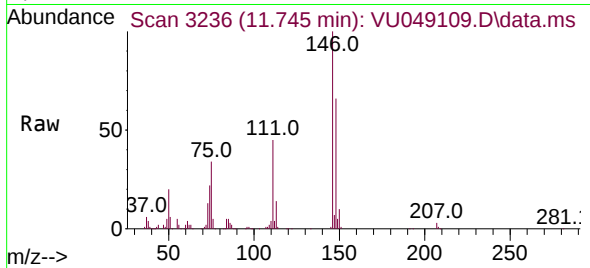




#64
1,3-Dichlorobenzene
Concen: 5.503 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU049109.D
Acq: 14 Jun 2022 12:50

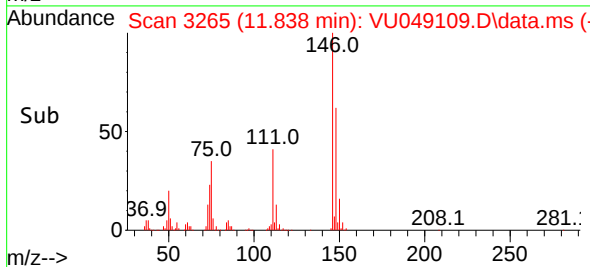
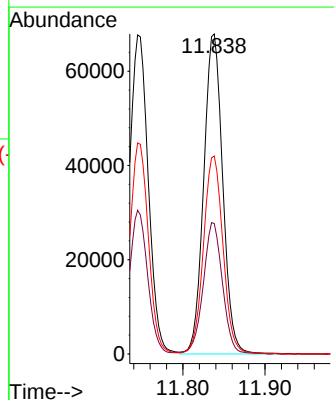
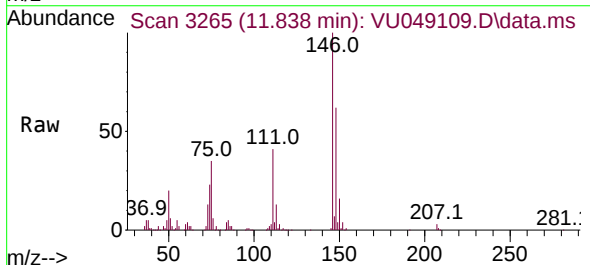
Instrument :
MSVOA_U
ClientSampleId :

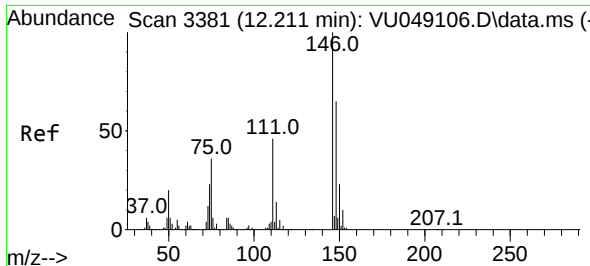
Tgt Ion:146 Resp: 110021
Ion Ratio Lower Upper
146 100
111 45.0 30.9 57.5
148 66.1 46.1 85.7



#65
1,4-Dichlorobenzene
Concen: 5.541 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU049109.D
Acq: 14 Jun 2022 12:50

Tgt Ion:146 Resp: 109483
Ion Ratio Lower Upper
146 100
111 40.7 29.8 55.4
148 61.9 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 5.449 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. -0.000 min

Lab File: VU049109.D

Acq: 14 Jun 2022 12:50

Instrument :

MSVOA_U

ClientSampleId :

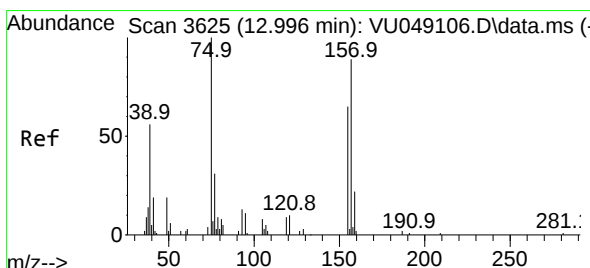
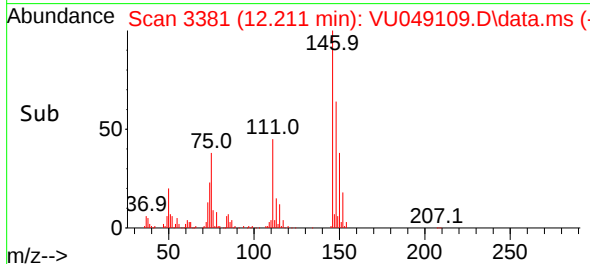
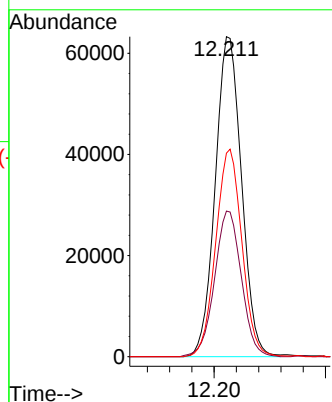
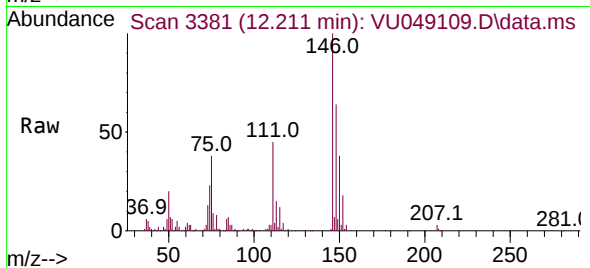
Tgt Ion:146 Resp: 103659

Ion Ratio Lower Upper

146 100

111 45.5 36.6 55.0

148 63.6 52.2 78.4



#68

1,2-Dibromo-3-chloropropane

Concen: 5.525 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. 0.003 min

Lab File: VU049109.D

Acq: 14 Jun 2022 12:50

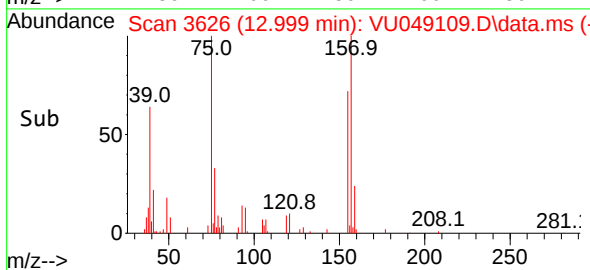
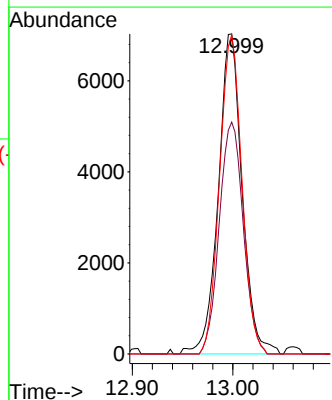
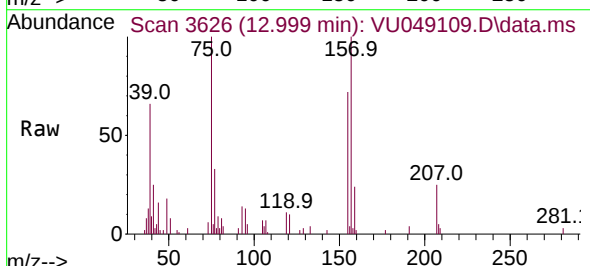
Tgt Ion: 75 Resp: 11587

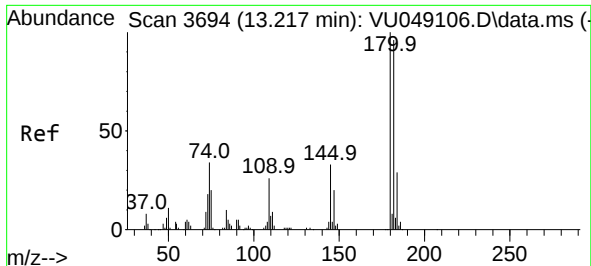
Ion Ratio Lower Upper

75 100

155 72.5 52.0 78.0

157 99.8 71.4 107.2





#69

1,3,5-Trichlorobenzene

Concen: 5.630 ug/L

RT: 13.221 min Scan# 3695

Delta R.T. 0.003 min

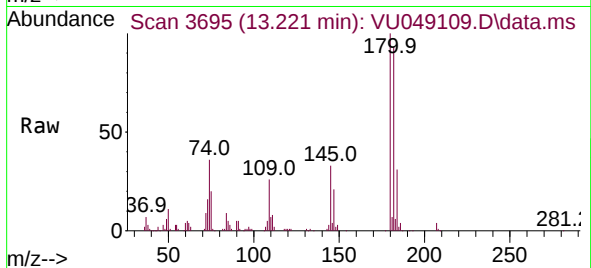
Lab File: VU049109.D

Acq: 14 Jun 2022 12:50

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 84399

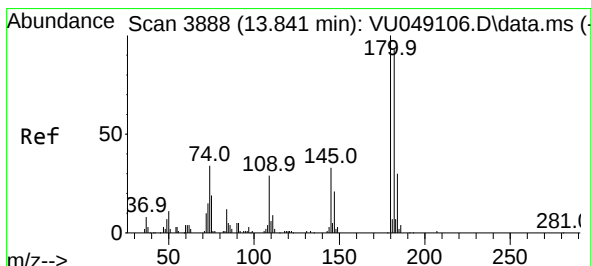
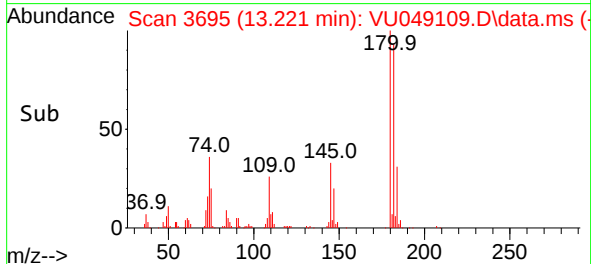
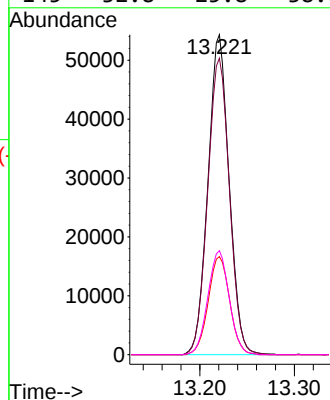
Ion Ratio Lower Upper

180 100

182 95.3 75.0 112.4

184 31.1 23.2 34.8

145 32.8 25.8 38.6



#70

1,2,4-trichlorobenzene

Concen: 6.404 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. -0.000 min

Lab File: VU049109.D

Acq: 14 Jun 2022 12:50

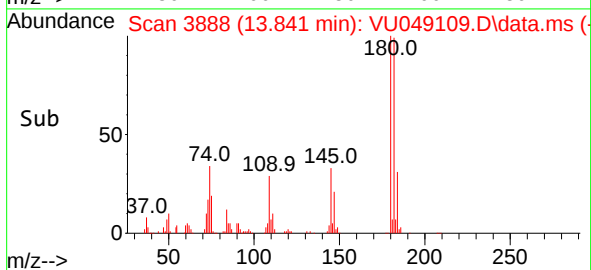
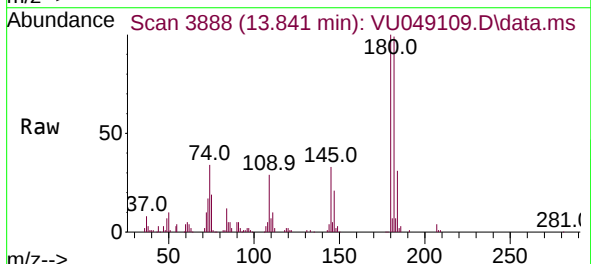
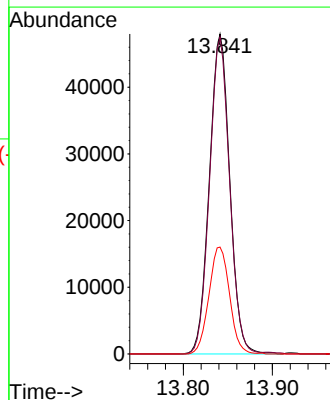
Tgt Ion:180 Resp: 76324

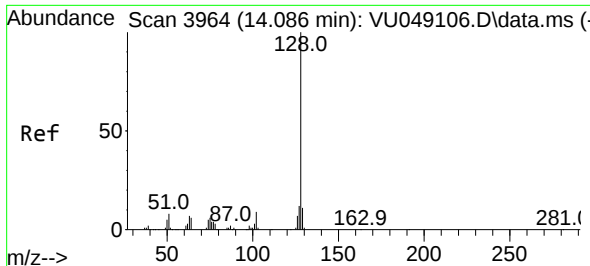
Ion Ratio Lower Upper

180 100

182 96.9 74.6 112.0

145 33.8 26.1 39.1

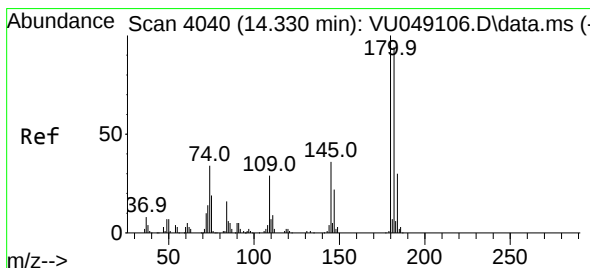
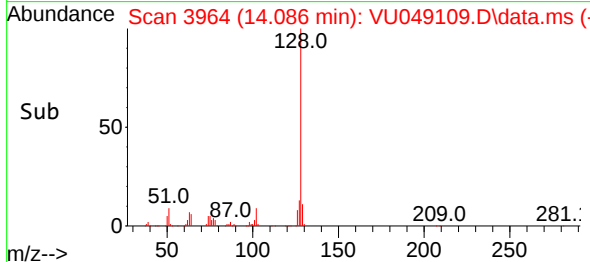
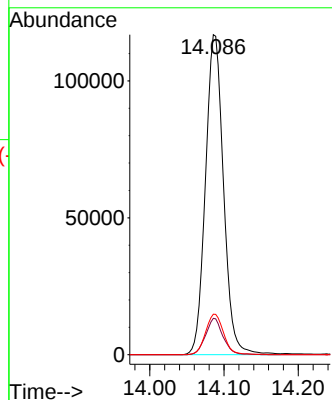
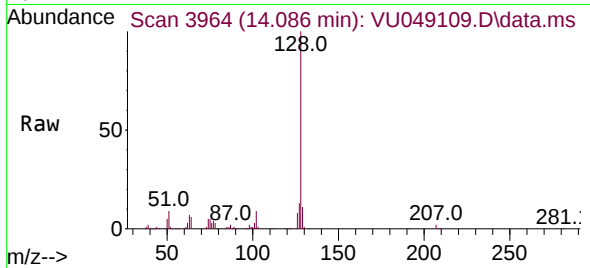




#71
Naphthalene
Concen: 8.332 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU049109.D
Acq: 14 Jun 2022 12:50

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 197321
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 12.7 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 6.528 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU049109.D
Acq: 14 Jun 2022 12:50

Tgt Ion:180 Resp: 73160
Ion Ratio Lower Upper
180 100
182 94.8 75.6 113.4
145 34.4 27.9 41.9

