

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
 Data File : VU048009.D
 Acq On : 13 Apr 2022 17:21
 Operator : SY/MD
 Sample : N2316-08ME
 Misc : 6.65g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETNQ7ME

Quant Time: Apr 14 03:09:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 14 02:49:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	188108	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	202932	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	121294	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	175920	128.965	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	257.920%#
7) Chloroethane-d5	1.871	69	86803	80.703	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	161.400%#
11) 1,1-Dichloroethene-d2	2.543	63	246407	98.732	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	197.460%#
21) 2-Butanone-d5	4.629	46	345253	294.879	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	294.880%#
24) Chloroform-d	5.060	84	354407	141.994	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	283.980%#
26) 1,2-Dichloroethane-d4	5.700	65	233511	152.542	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	305.080%#
32) Benzene-d6	5.723	84	739598	144.839	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	289.680%#
36) 1,2-Dichloropropane-d6	6.690	67	241773	154.172	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	308.340%#
41) Toluene-d8	7.899	98	686993	138.087	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	276.180%#
43) trans-1,3-Dichloroprop...	8.182	79	112414	141.493	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	282.980%#
47) 2-Hexanone-d5	8.649	63	299924	326.705	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	326.710%#
56) 1,1,2,2-Tetrachloroeth...	10.761	84	416109	154.612	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	309.220%#
66) 1,2-Dichlorobenzene-d4	12.195	152	323645	149.979	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	299.960%#
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	1028	0.604	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.539	101	2382	1.718	ug/L #	18
13) Acetone	2.642	43	13046	11.974	ug/L	98
15) Methyl Acetate	2.954	43	3021	1.739	ug/L	91
22) 2-Butanone	4.713	43	1459	1.040	ug/L	72
33) Benzene	5.768	78	188607	32.109	ug/L	100
35) Methylcyclohexane	6.758	83	6071	2.591	ug/L #	88
37) 1,2-Dichloropropane	6.690	63	24812	16.616	ug/L #	87
39) cis-1,3-Dichloropropene	7.565	75	6141	2.650	ug/L #	60
42) Toluene	7.970	91	35450	5.500	ug/L	98
44) trans-1,3-Dichloropropene	8.182	75	4934	2.133	ug/L #	73
51) Chlorobenzene	9.449	112	174298	39.829	ug/L	98
52) Ethylbenzene	9.575	91	6477	0.956	ug/L	94
60) 1,2,3-Trichloropropane	10.787	75	2061	0.901	ug/L #	1
65) 1,4-Dichlorobenzene	11.841	146	6653	1.763	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	5014	1.375	ug/L #	77
68) 1,2-Dibromo-3-chloropr...	12.970	75	8057	11.000	ug/L #	1

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QLast Update : Thu Apr 14 02:49:33 2022
Response via : Initial Calibration

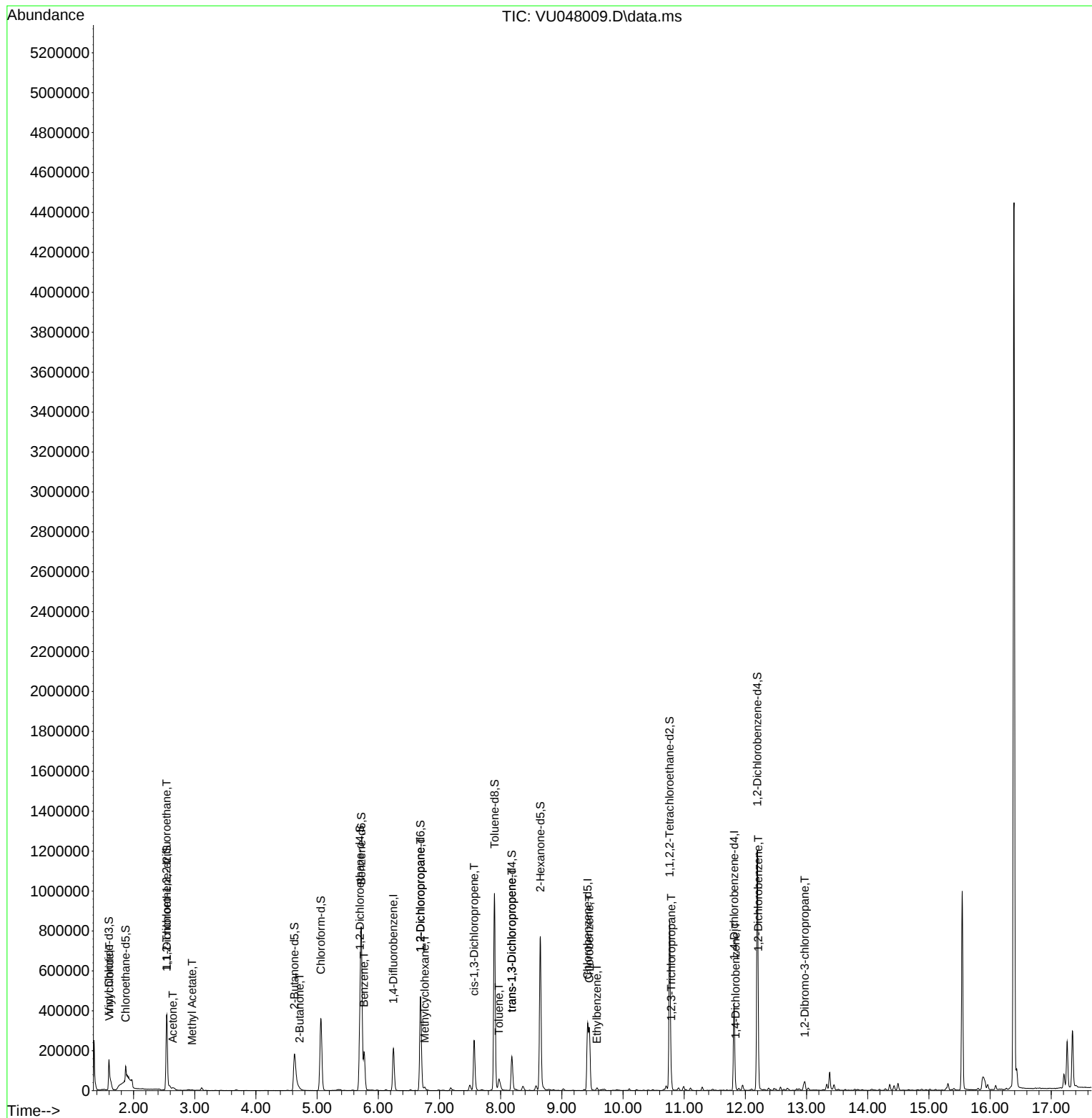
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

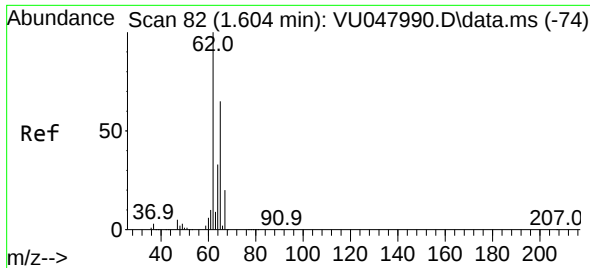
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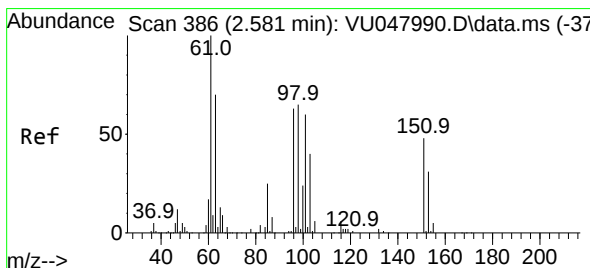
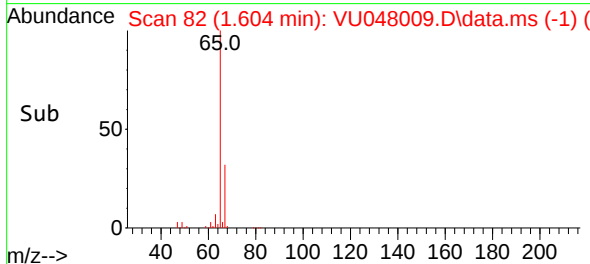
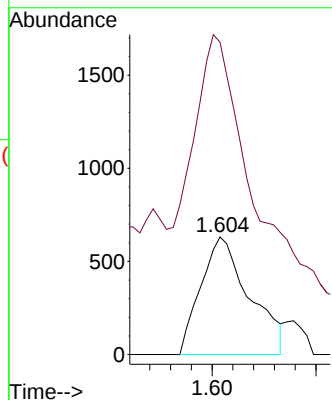
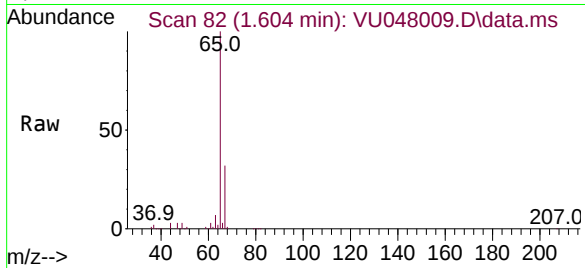




#5
 Vinyl chloride
 Concen: 0.604 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU048009.D
 Acq: 13 Apr 2022 17:21

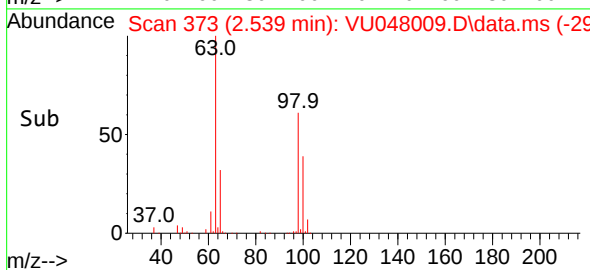
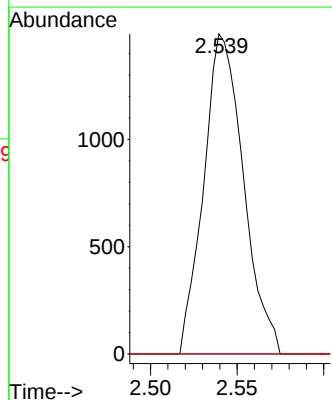
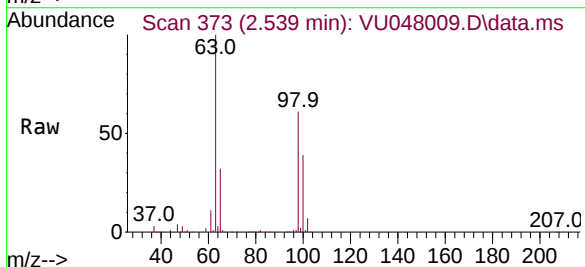
Instrument :
 MSVOA_U
 ClientSampleId :
 ETNQ7ME

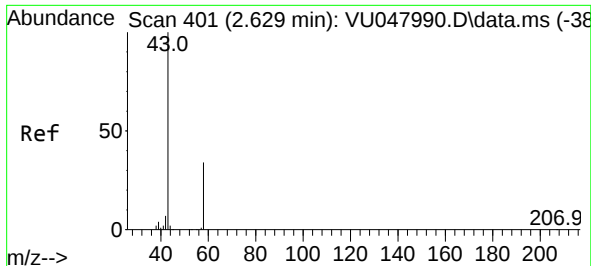
Tgt Ion: 62 Resp: 1028
 Ion Ratio Lower Upper
 62 100
 64 265.3 23.7 43.9#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.718 ug/L
 RT: 2.539 min Scan# 373
 Delta R.T. -0.042 min
 Lab File: VU048009.D
 Acq: 13 Apr 2022 17:21

Tgt Ion: 101 Resp: 2382
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.8 49.2#
 151 0.0 63.0 94.6#





#13

Acetone

Concen: 11.974 ug/L

RT: 2.642 min Scan# 401

Delta R.T. 0.013 min

Lab File: VU048009.D

Acq: 13 Apr 2022 17:21

Instrument :

MSVOA_U

ClientSampleId :

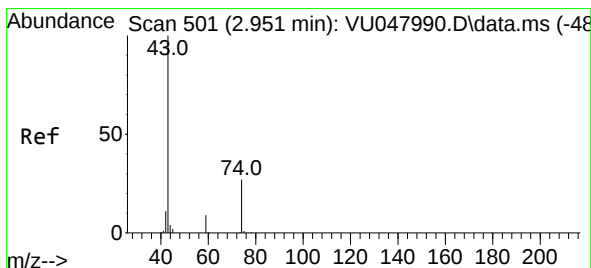
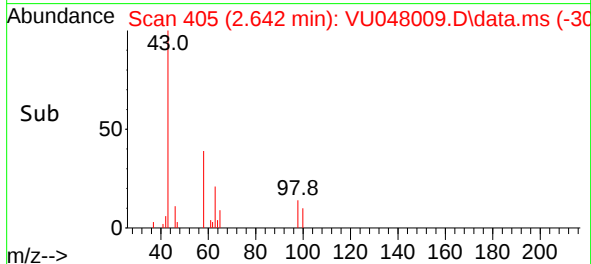
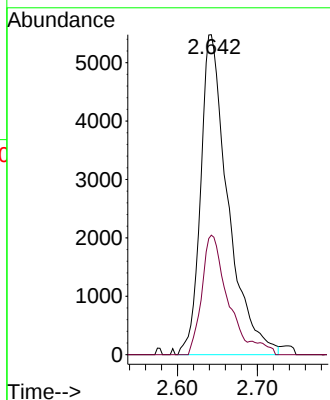
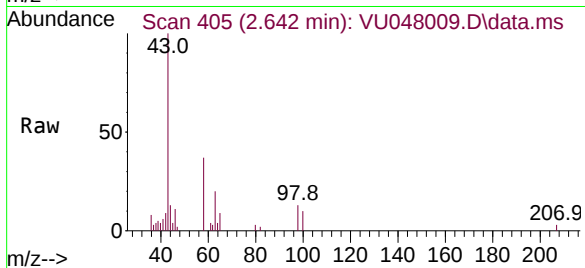
ETNQ7ME

Tgt Ion: 43 Resp: 13046

Ion Ratio Lower Upper

43 100

58 33.7 0.0 70.0



#15

Methyl Acetate

Concen: 1.739 ug/L

RT: 2.954 min Scan# 502

Delta R.T. 0.003 min

Lab File: VU048009.D

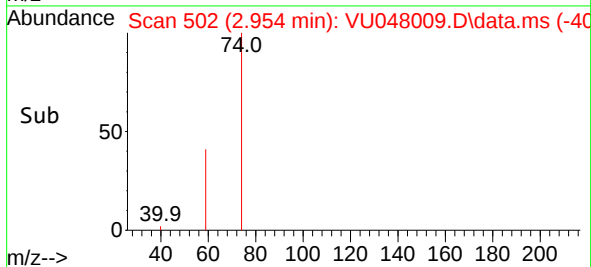
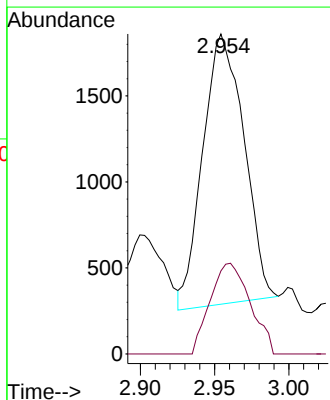
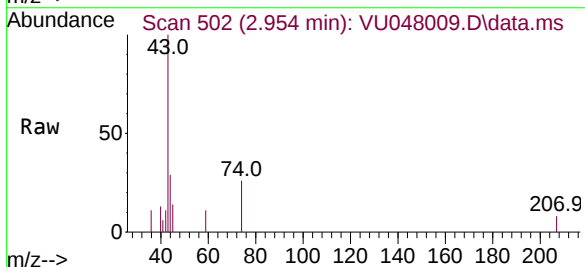
Acq: 13 Apr 2022 17:21

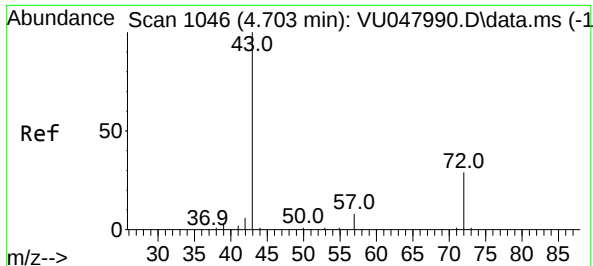
Tgt Ion: 43 Resp: 3021

Ion Ratio Lower Upper

43 100

74 32.7 22.2 33.2





#22

2-Butanone

Concen: 1.040 ug/L

RT: 4.713 min Scan# 1049

Delta R.T. 0.010 min

Lab File: VU048009.D

Acq: 13 Apr 2022 17:21

Instrument :

MSVOA_U

ClientSampleId :

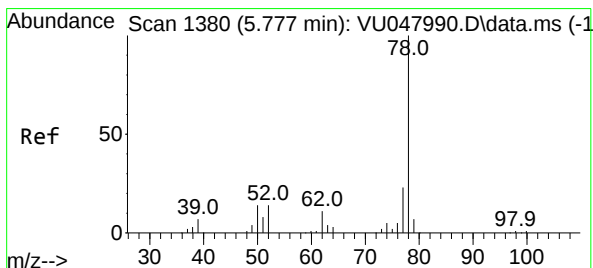
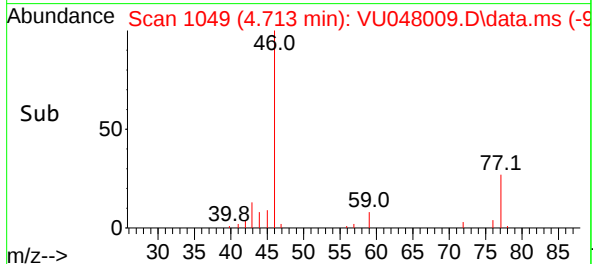
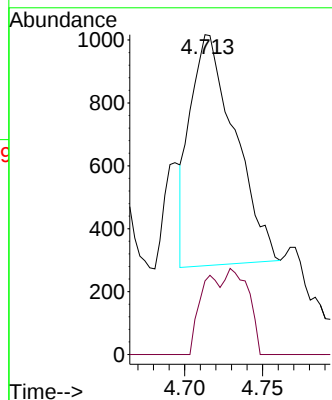
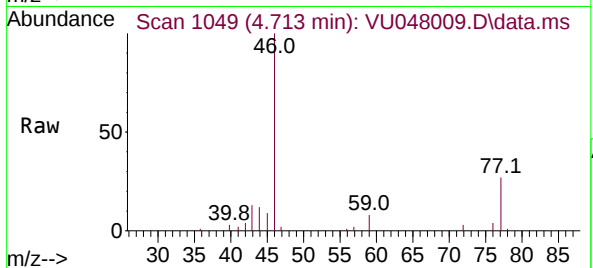
ETNQ7ME

Tgt Ion: 43 Resp: 1459

Ion Ratio Lower Upper

43 100

72 16.1 16.0 47.9



#33

Benzene

Concen: 32.109 ug/L

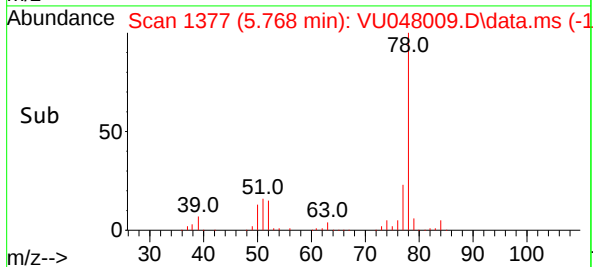
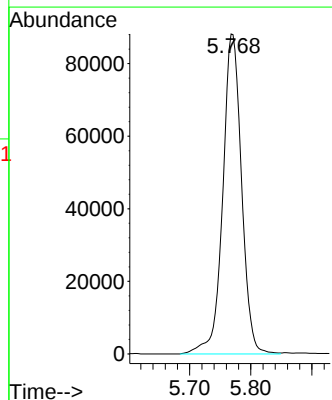
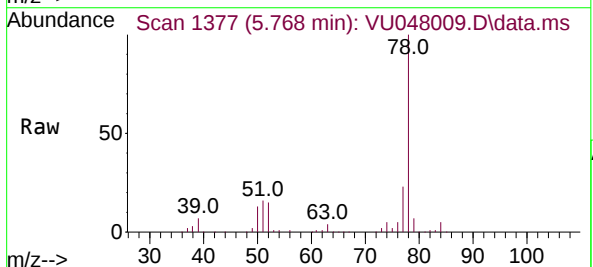
RT: 5.768 min Scan# 1377

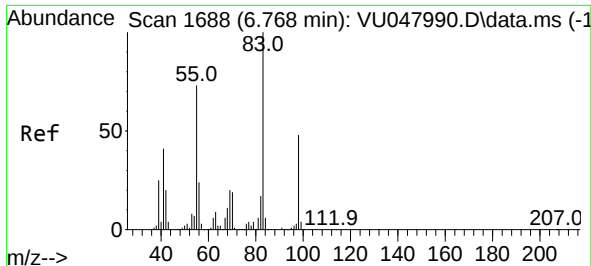
Delta R.T. -0.010 min

Lab File: VU048009.D

Acq: 13 Apr 2022 17:21

Tgt Ion: 78 Resp: 188607

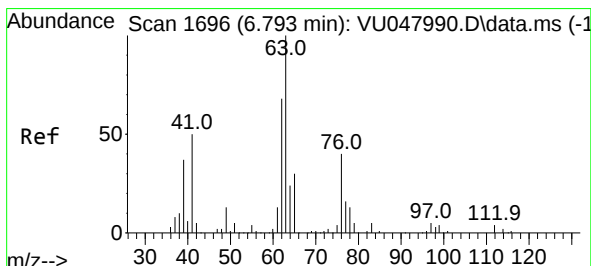
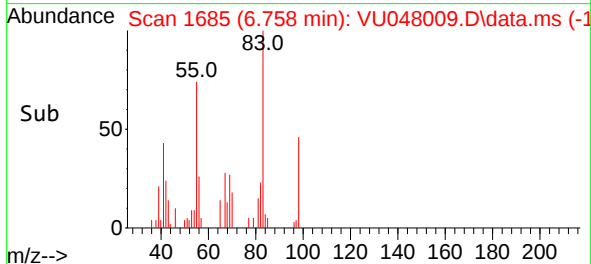
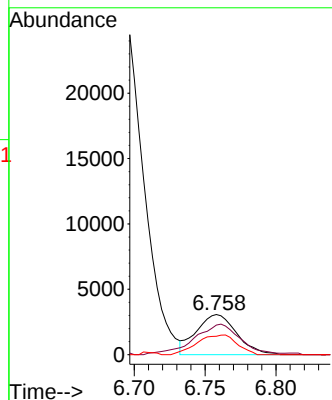
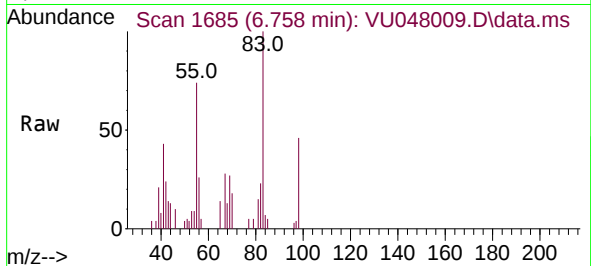




#35
Methylcyclohexane
Concen: 2.591 ug/L
RT: 6.758 min Scan# 1
Delta R.T. -0.010 min
Lab File: VU048009.D
Acq: 13 Apr 2022 17:21

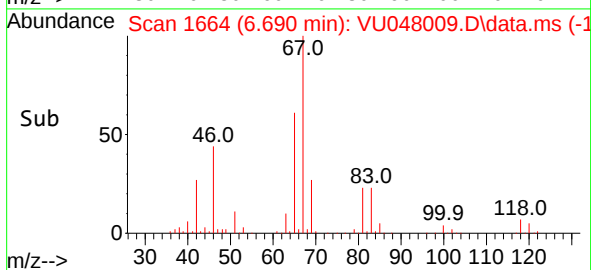
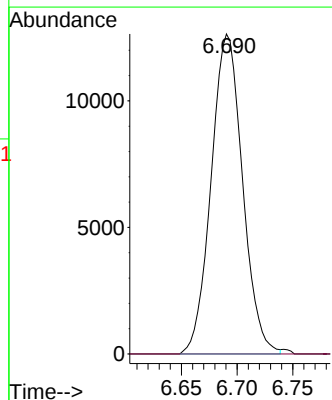
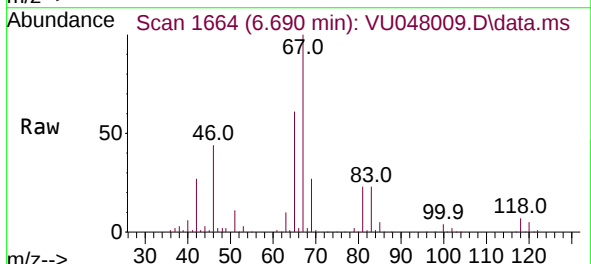
Instrument :
MSVOA_U
ClientSampleId :
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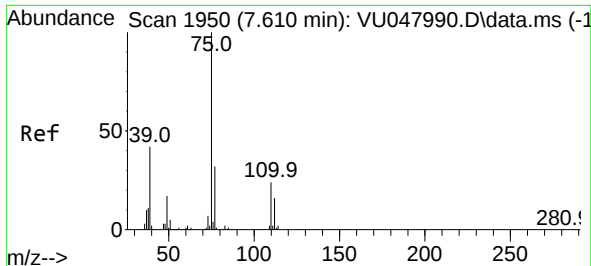
Tgt Ion: 83 Resp: 6071
Ion Ratio Lower Upper
83 100
55 87.2 56.8 85.2#
98 48.5 38.1 57.1



#37
1,2-Dichloropropane
Concen: 16.616 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.103 min
Lab File: VU048009.D
Acq: 13 Apr 2022 17:21

Tgt Ion: 63 Resp: 24812
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#





#39

cis-1,3-Dichloropropene

Concen: 2.650 ug/L

RT: 7.565 min Scan# 1950

Delta R.T. -0.045 min

Lab File: VU048009.D

Acq: 13 Apr 2022 17:21

Instrument :

MSVOA_U

ClientSampleId :

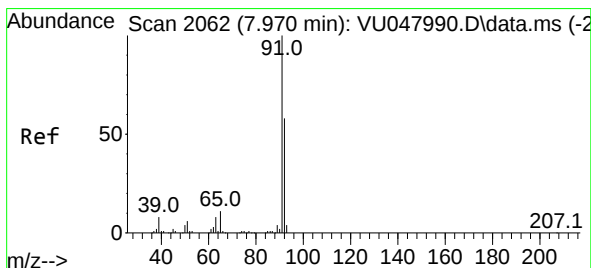
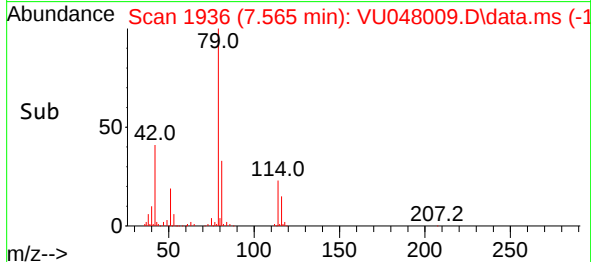
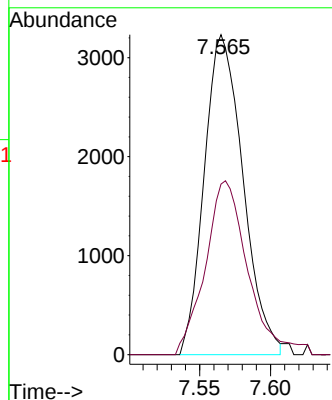
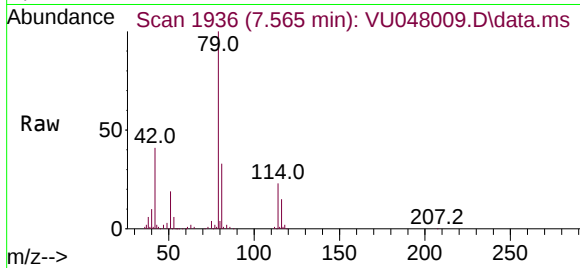
ETNQ7ME

Tgt Ion: 75 Resp: 6141

Ion Ratio Lower Upper

75 100

77 53.3 21.8 40.6#



#42

Toluene

Concen: 5.500 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU048009.D

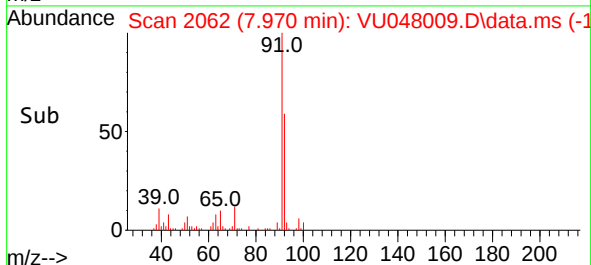
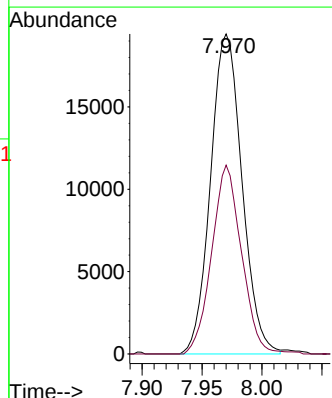
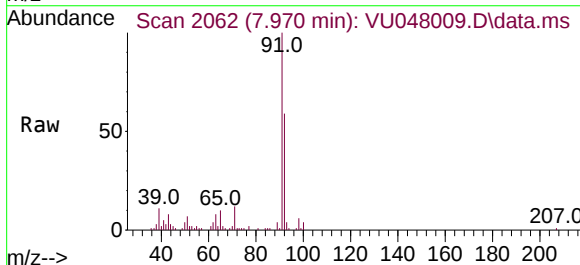
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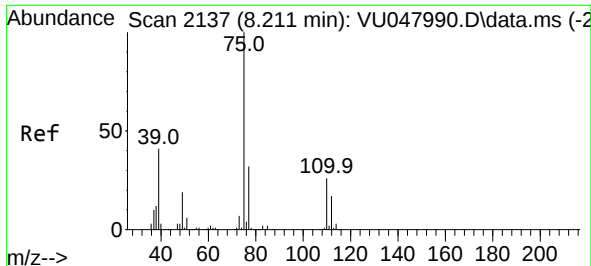
Tgt Ion: 91 Resp: 35450

Ion Ratio Lower Upper

91 100

92 59.0 40.4 75.0

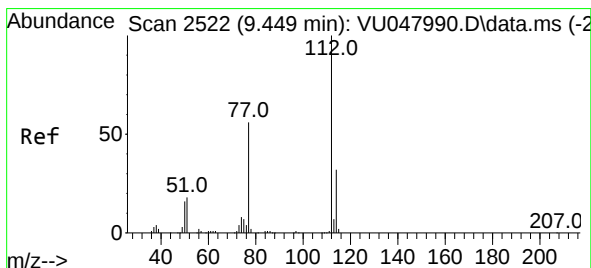
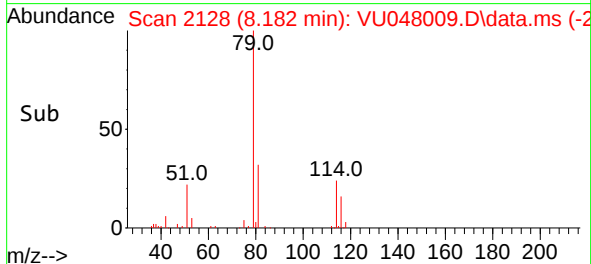
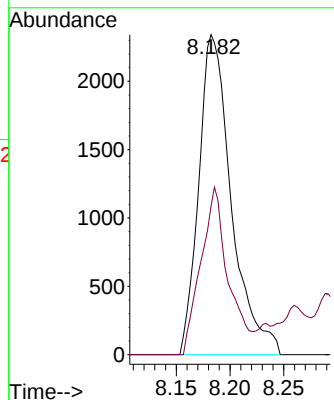
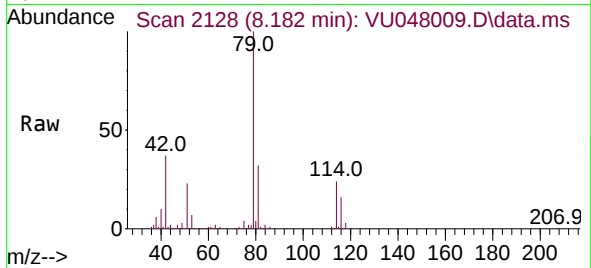




#44
trans-1,3-Dichloropropene
Concen: 2.133 ug/L
RT: 8.182 min Scan# 2137
Delta R.T. -0.029 min
Lab File: VU048009.D
Acq: 13 Apr 2022 17:21

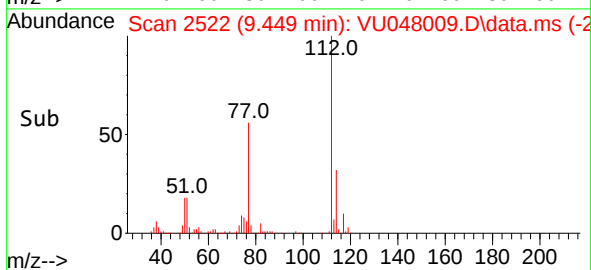
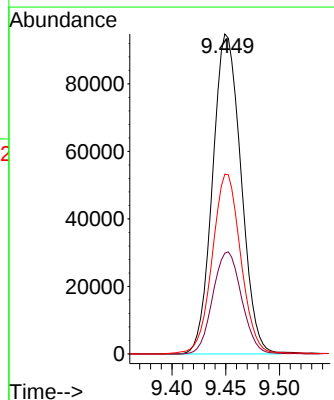
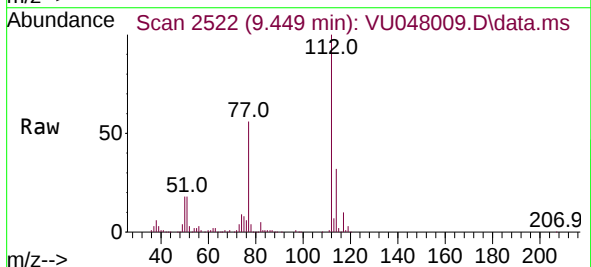
Instrument :
MSVOA_U
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ETNQ7ME

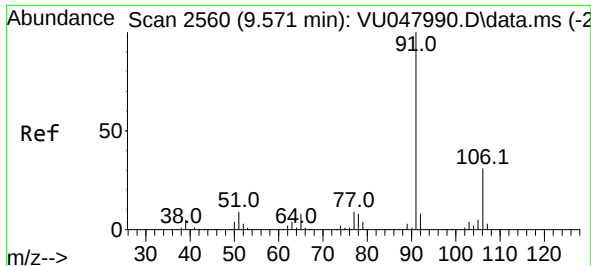
Tgt Ion: 75 Resp: 4934
Ion Ratio Lower Upper
75 100
77 46.4 22.0 40.8#



#51
Chlorobenzene
Concen: 39.829 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU048009.D
Acq: 13 Apr 2022 17:21

Tgt Ion: 112 Resp: 174298
Ion Ratio Lower Upper
112 100
114 31.5 22.1 41.1
77 56.2 43.4 65.0

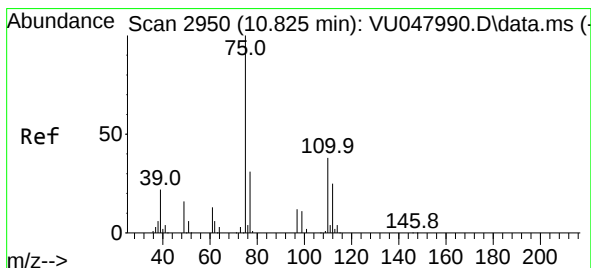
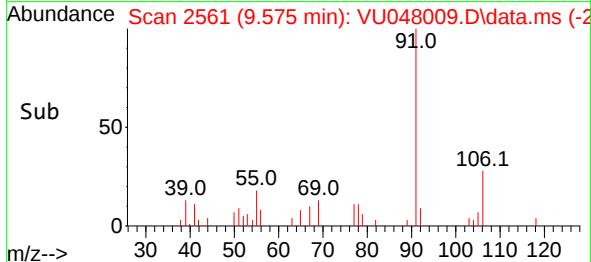
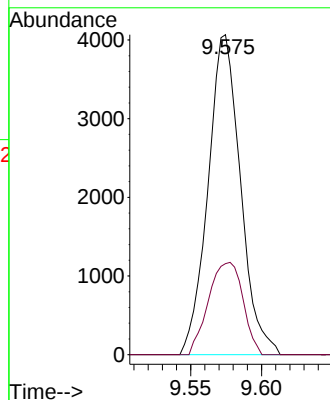
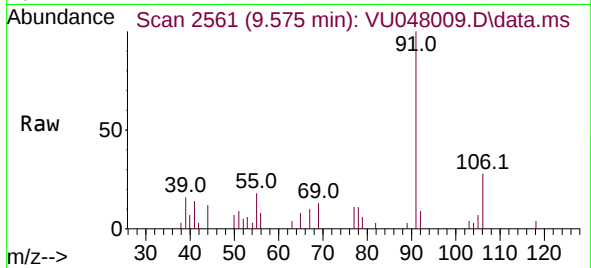




#52
Ethylbenzene
Concen: 0.956 ug/L
RT: 9.575 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU048009.D
Acq: 13 Apr 2022 17:21

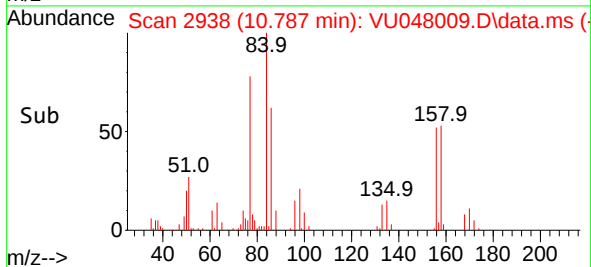
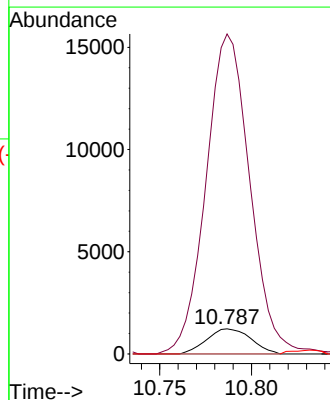
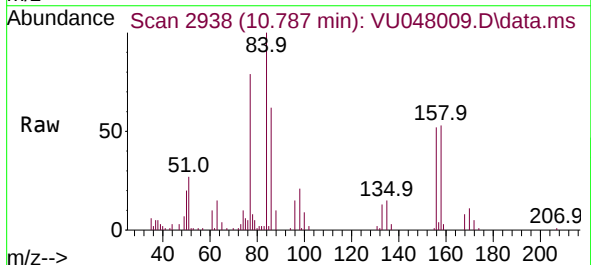
Instrument :
MSVOA_U
ClientSampleId :
ETNQ7ME

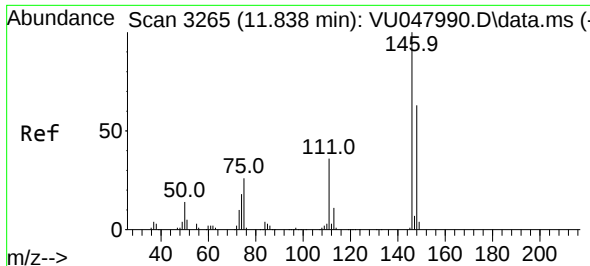
Tgt Ion: 91 Resp: 6477
Ion Ratio Lower Upper
91 100
106 28.5 22.4 41.6



#60
1,2,3-Trichloropropane
Concen: 0.901 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. -0.039 min
Lab File: VU048009.D
Acq: 13 Apr 2022 17:21

Tgt Ion: 75 Resp: 2061
Ion Ratio Lower Upper
75 100
77 1264.7 26.0 39.0#
110 6.2 31.4 47.2#

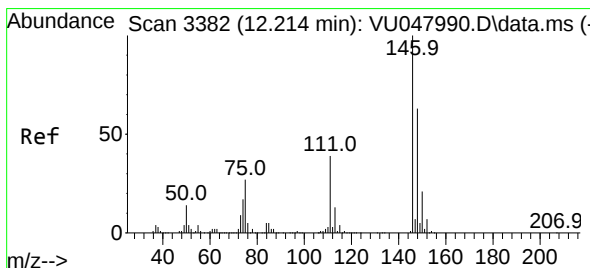
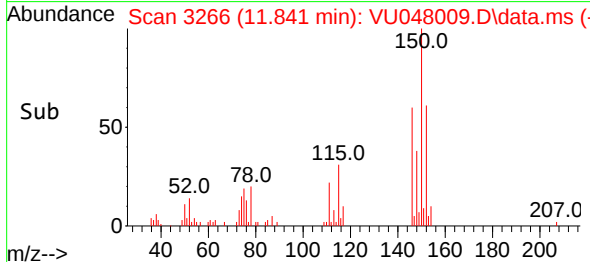
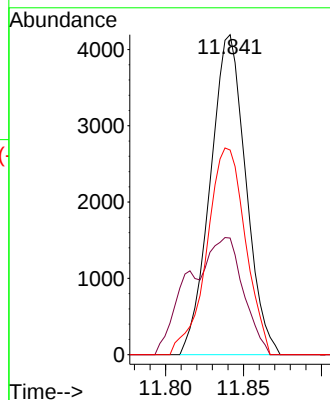
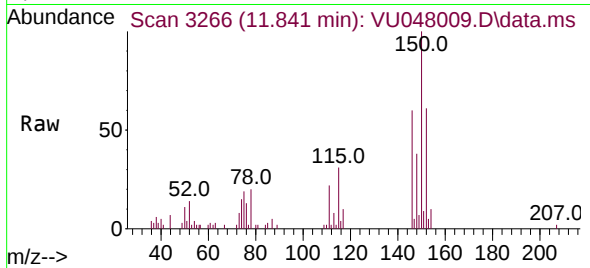




#65
1,4-Dichlorobenzene
Concen: 1.763 ug/L
RT: 11.841 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048009.D
Acq: 13 Apr 2022 17:21

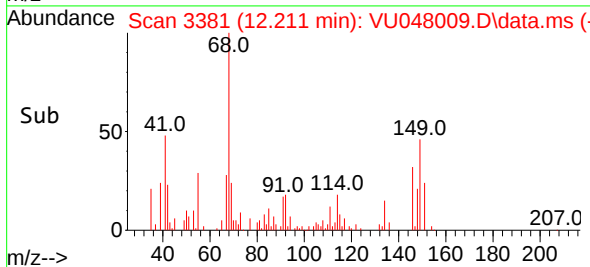
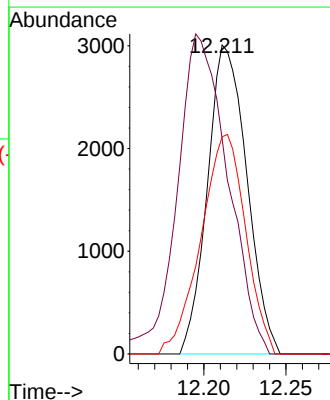
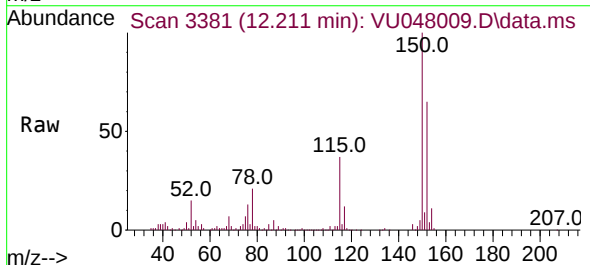
Instrument :
MSVOA_U
ClientSampleId :
ETNQ7ME

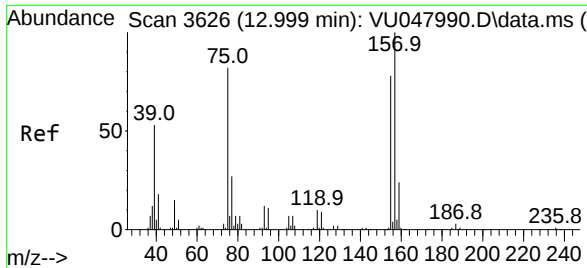
Tgt Ion:146 Resp: 6653
Ion Ratio Lower Upper
146 100
111 39.1 25.3 47.1
148 64.0 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 1.375 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. -0.003 min
Lab File: VU048009.D
Acq: 13 Apr 2022 17:21

Tgt Ion:146 Resp: 5014
Ion Ratio Lower Upper
146 100
111 69.6 31.7 47.5#
148 70.3 51.4 77.2





#68
1,2-Dibromo-3-chloropropane
Concen: 11.000 ug/L
RT: 12.970 min Scan# 30
Delta R.T. -0.029 min
Lab File: VU048009.D
Acq: 13 Apr 2022 17:21

Instrument :
MSVOA_U
ClientSampleId :
ETNQ7ME

Tgt Ion: 75 Resp: 8057
Ion Ratio Lower Upper
75 100
155 3.4 78.9 118.3#
157 4.0 97.5 146.3#

