

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
 Data File : VU048006.D
 Acq On : 13 Apr 2022 16:11
 Operator : SY/MD
 Sample : N2358-01
 Misc : 6.35g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETNS1

Quant Time: Apr 14 03:09:19 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)

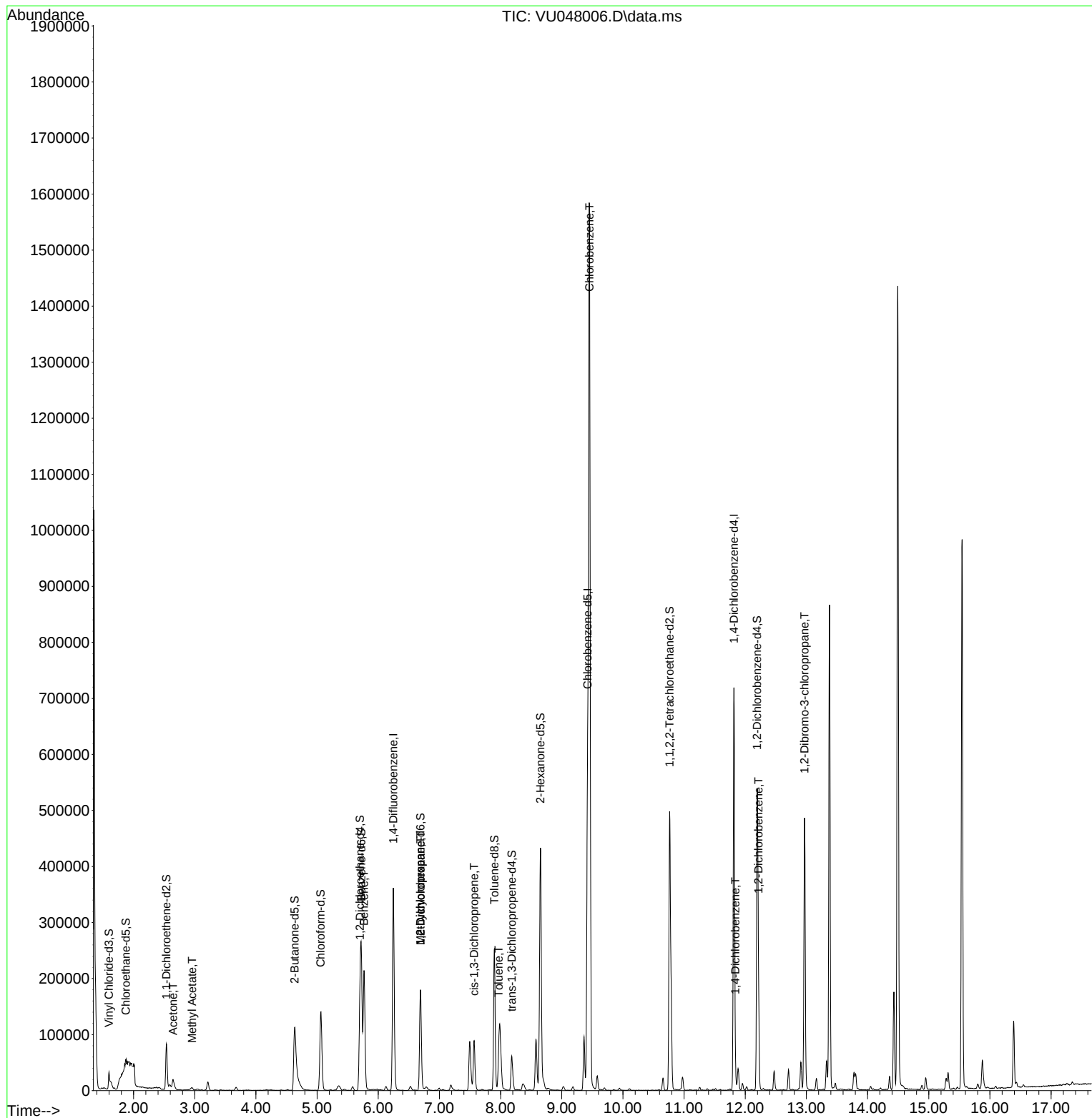
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	324461	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	358099	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	198681	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	26865	11.418	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	22.840%#
7) Chloroethane-d5	1.874	69	13860	7.471	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	14.940%#
11) 1,1-Dichloroethene-d2	2.536	63	54695	12.706	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	25.420%#
21) 2-Butanone-d5	4.633	46	223764	110.800	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.800%
24) Chloroform-d	5.060	84	140023	32.525	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	65.040%#
26) 1,2-Dichloroethane-d4	5.700	65	98830	37.430	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.860%
32) Benzene-d6	5.723	84	224813	24.949	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	49.900%#
36) 1,2-Dichloropropane-d6	6.690	67	94794	34.255	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	68.520%#
41) Toluene-d8	7.899	98	179240	20.417	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	40.840%#
43) trans-1,3-Dichloroprop...	8.182	79	41112	29.325	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.640%#
47) 2-Hexanone-d5	8.652	63	176601	109.015	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.010%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	238522	50.224	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.440%
66) 1,2-Dichlorobenzene-d4	12.195	152	136831	38.710	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.420%#
Target Compounds						
					Qvalue	
13) Acetone	2.646	43	24972	13.288	ug/L	99
15) Methyl Acetate	2.954	43	4238	1.414	ug/L #	87
33) Benzene	5.768	78	209536	20.215	ug/L	100
35) Methylcyclohexane	6.690	83	22134	5.354	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	9460	3.590	ug/L #	87
39) cis-1,3-Dichloropropene	7.568	75	2442	0.597	ug/L #	67
42) Toluene	7.970	91	43945	3.864	ug/L	100
51) Chlorobenzene	9.452	112	938090	121.479	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	8021	1.298	ug/L	92
67) 1,2-Dichlorobenzene	12.214	146	43267	7.245	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.970	75	73449	61.220	ug/L #	1

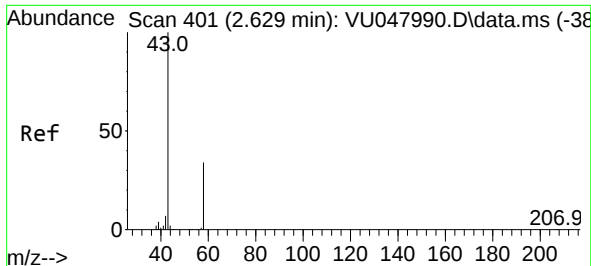
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 13.288 ug/L

RT: 2.646 min Scan# 401

Delta R.T. 0.016 min

Lab File: VU048006.D

Acq: 13 Apr 2022 16:11

Instrument :

MSVOA_U

ClientSampleId :

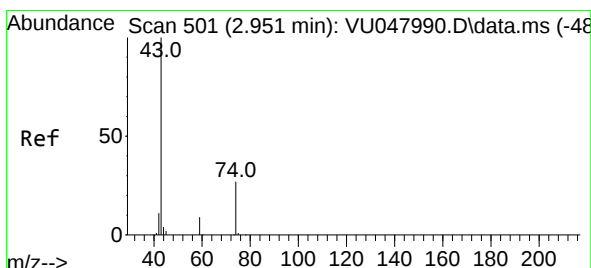
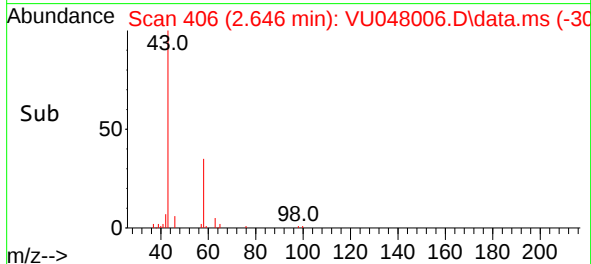
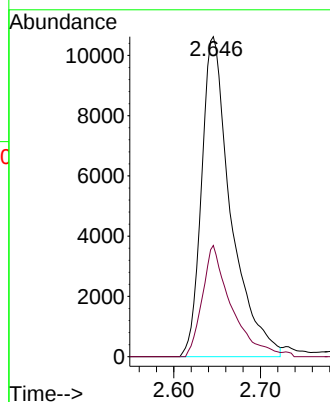
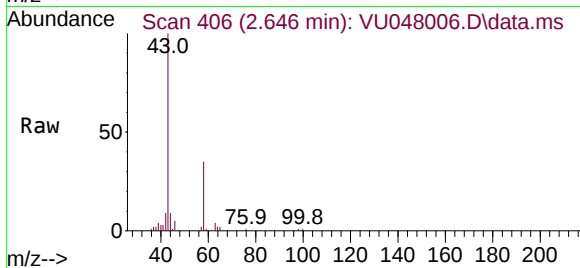
ETNS1

Tgt Ion: 43 Resp: 24972

Ion Ratio Lower Upper

43 100

58 34.1 0.0 70.0



#15

Methyl Acetate

Concen: 1.414 ug/L

RT: 2.954 min Scan# 502

Delta R.T. 0.003 min

Lab File: VU048006.D

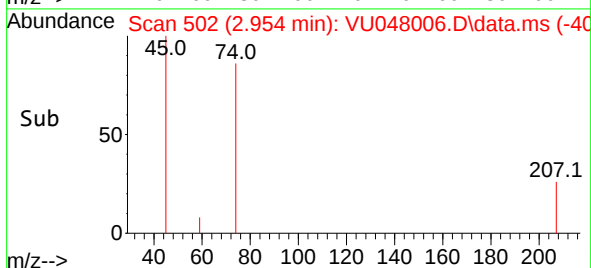
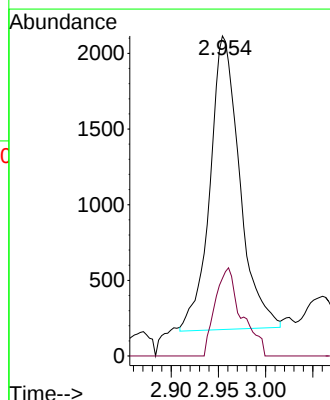
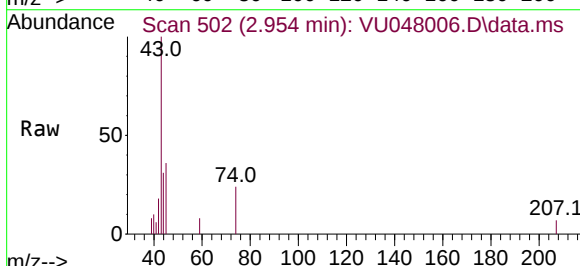
Acq: 13 Apr 2022 16:11

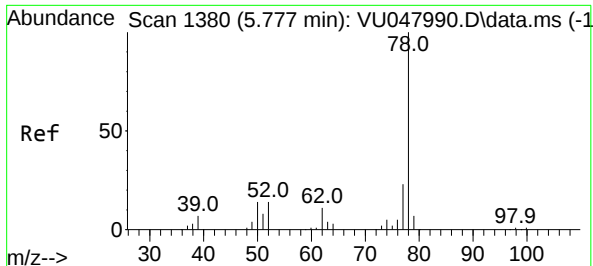
Tgt Ion: 43 Resp: 4238

Ion Ratio Lower Upper

43 100

74 21.0 22.2 33.2#

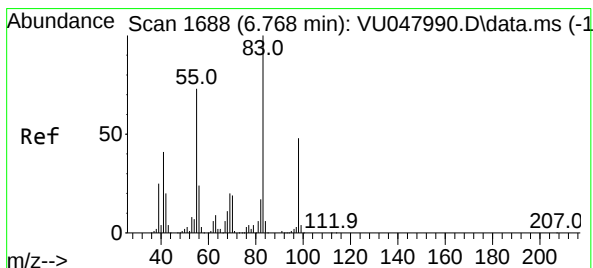
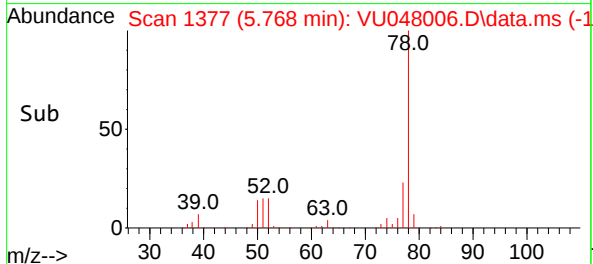
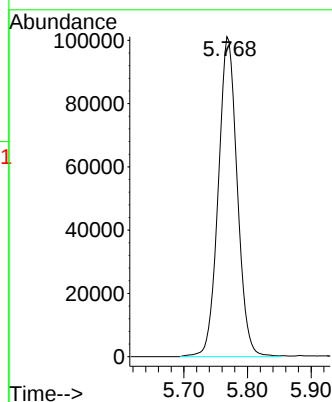
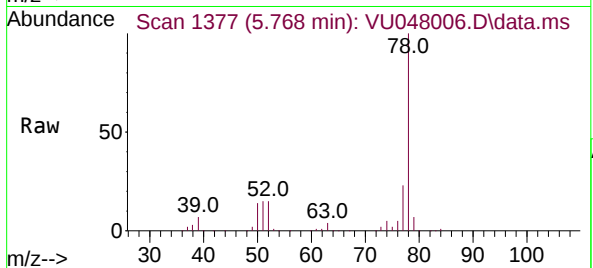




#33
Benzene
Concen: 20.215 ug/L
RT: 5.768 min Scan# 11
Delta R.T. -0.010 min
Lab File: VU048006.D
Acq: 13 Apr 2022 16:11

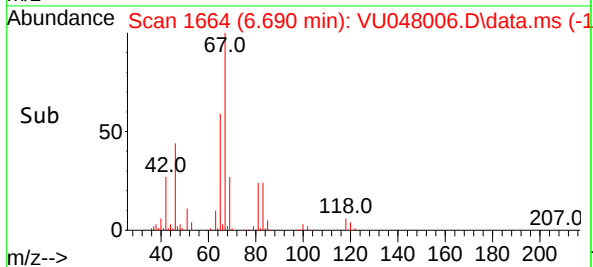
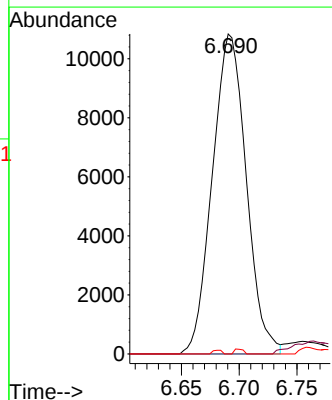
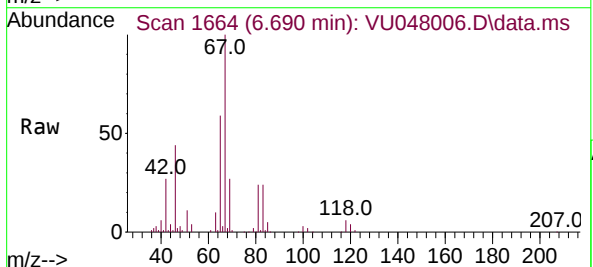
Instrument :
MSVOA_U
ClientSampleId :
ETNS1

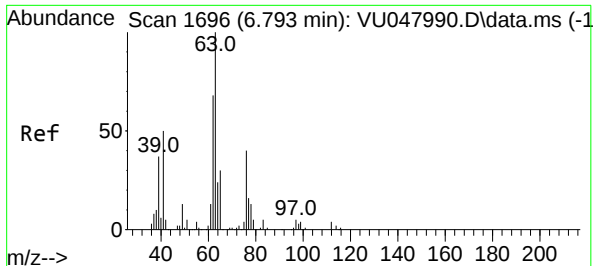
Tgt Ion: 78 Resp: 209536



#35
Methylcyclohexane
Concen: 5.354 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.077 min
Lab File: VU048006.D
Acq: 13 Apr 2022 16:11

Tgt Ion: 83 Resp: 22134
Ion Ratio Lower Upper
83 100
55 0.0 56.8 85.2#
98 0.4 38.1 57.1#





#37

1,2-Dichloropropane

Concen: 3.590 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU048006.D

Acq: 13 Apr 2022 16:11

Instrument :

MSVOA_U

ClientSampleId :

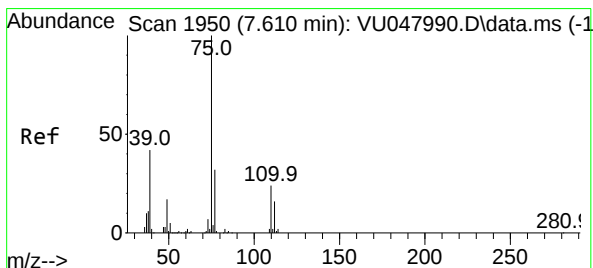
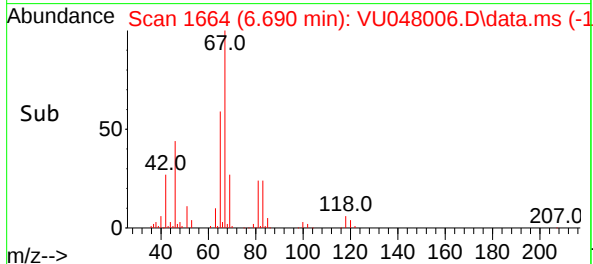
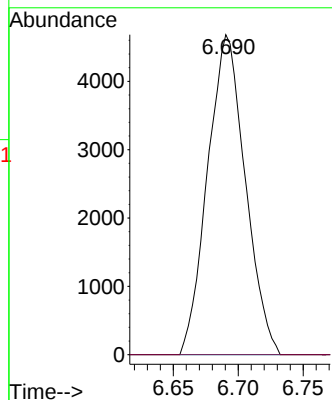
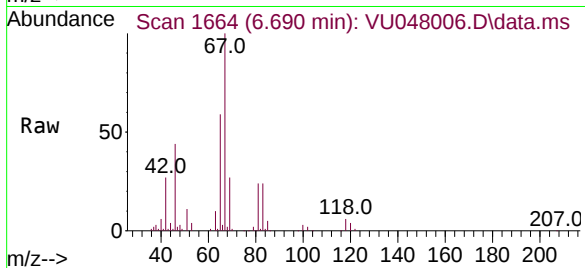
ETNS1

Tgt Ion: 63 Resp: 9460

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#39

cis-1,3-Dichloropropene

Concen: 0.597 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU048006.D

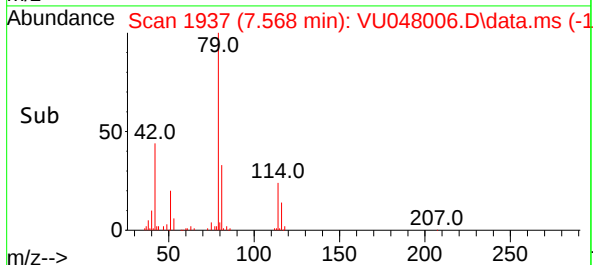
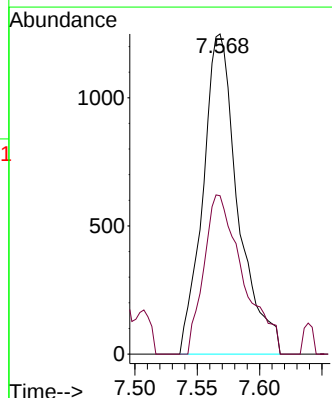
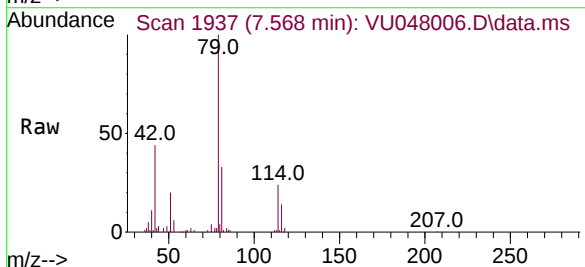
Acq: 13 Apr 2022 16:11

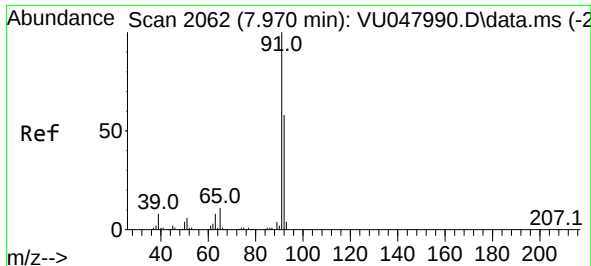
Tgt Ion: 75 Resp: 2442

Ion Ratio Lower Upper

75 100

77 49.5 21.8 40.6#





#42

Toluene

Concen: 3.864 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU048006.D

Acq: 13 Apr 2022 16:11

Instrument :

MSVOA_U

ClientSampleId :

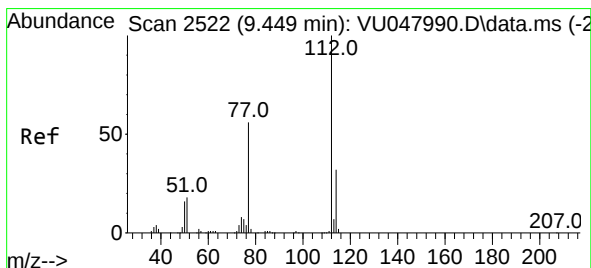
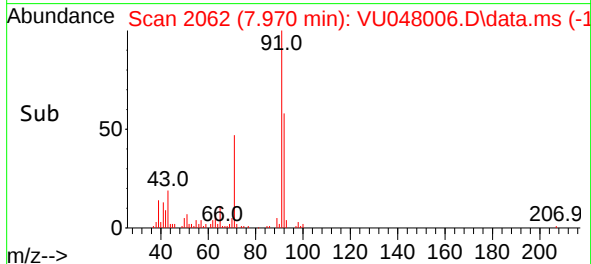
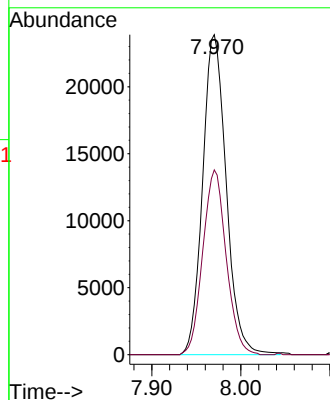
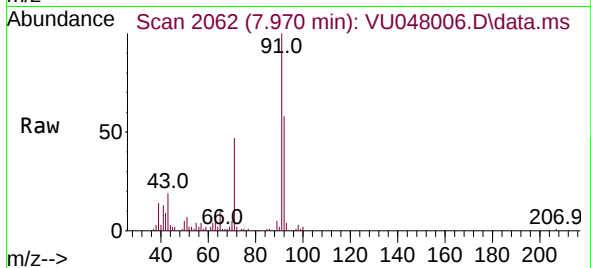
ETNS1

Tgt Ion: 91 Resp: 43945

Ion Ratio Lower Upper

91 100

92 57.7 40.4 75.0



#51

Chlorobenzene

Concen: 121.479 ug/L

RT: 9.452 min Scan# 2523

Delta R.T. 0.003 min

Lab File: VU048006.D

Acq: 13 Apr 2022 16:11

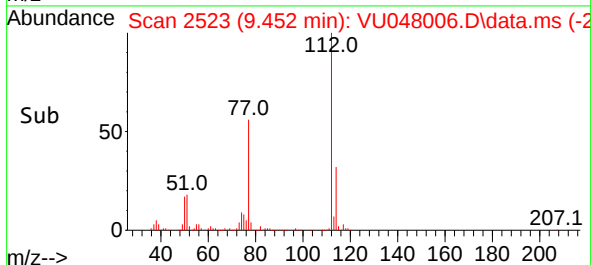
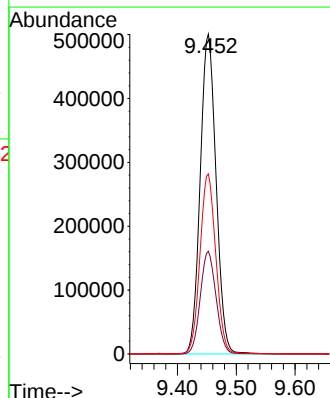
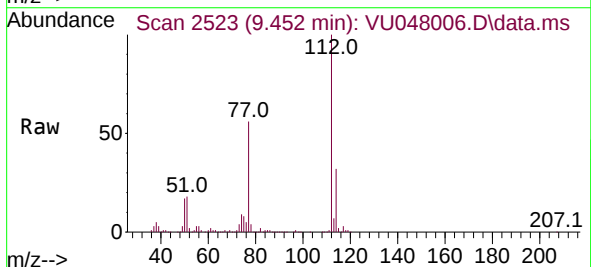
Tgt Ion: 112 Resp: 938090

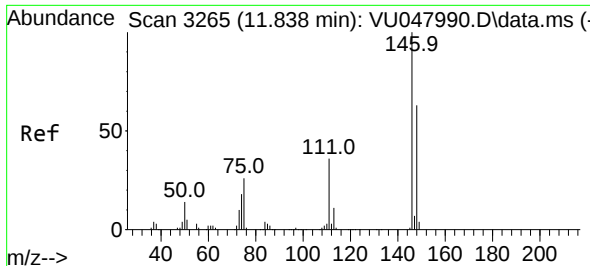
Ion Ratio Lower Upper

112 100

114 32.1 22.1 41.1

77 56.3 43.4 65.0

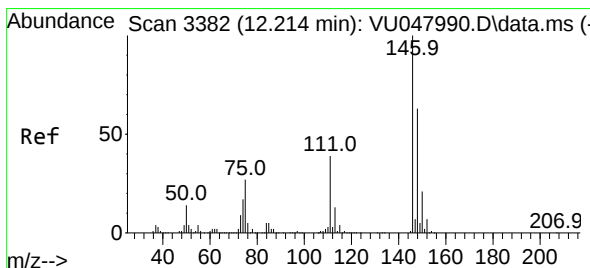
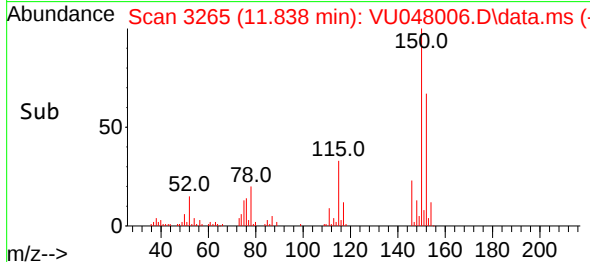
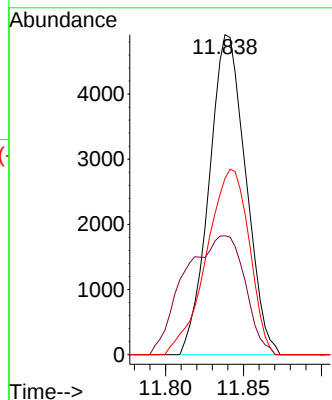
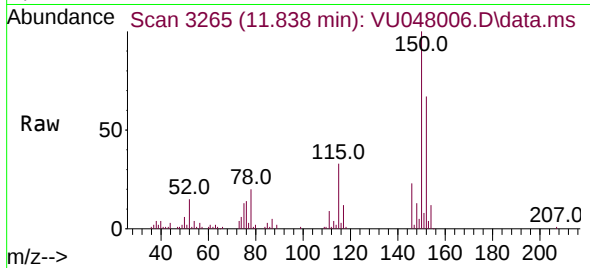




#65
1,4-Dichlorobenzene
Concen: 1.298 ug/L
RT: 11.838 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU048006.D
Acq: 13 Apr 2022 16:11

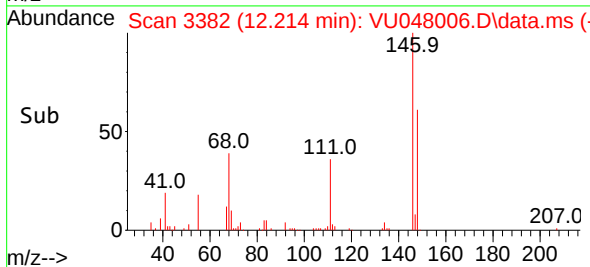
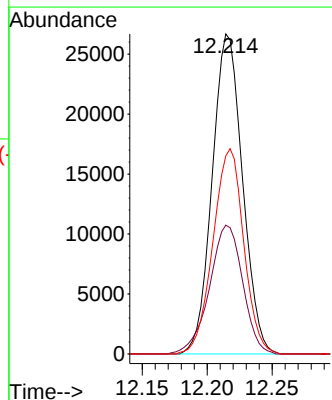
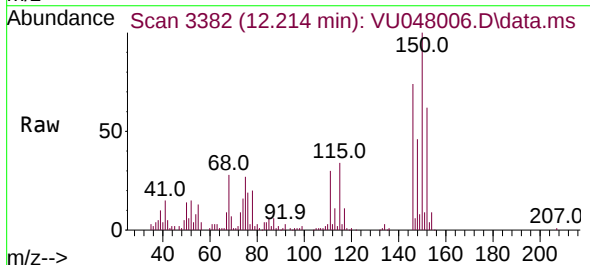
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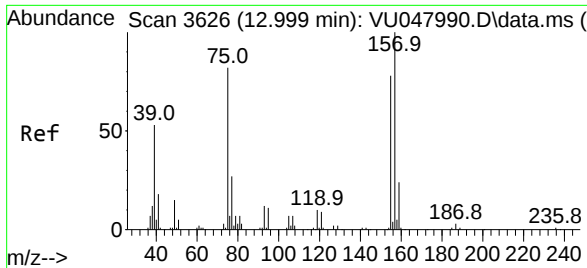
Tgt Ion:146 Resp: 8021
Ion Ratio Lower Upper
146 100
111 37.2 25.3 47.1
148 55.1 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 7.245 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU048006.D
Acq: 13 Apr 2022 16:11

Tgt Ion:146 Resp: 43267
Ion Ratio Lower Upper
146 100
111 40.2 31.7 47.5
148 61.9 51.4 77.2





#68
 1,2-Dibromo-3-chloropropane
 Concen: 61.220 ug/L
 RT: 12.970 min Scan# 30
 Delta R.T. -0.029 min
 Lab File: VU048006.D
 Acq: 13 Apr 2022 16:11

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion: 75 Resp: 73449
 Ion Ratio Lower Upper
 75 100
 155 3.8 78.9 118.3#
 157 2.4 97.5 146.3#

