

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
 Data File : VU048016.D
 Acq On : 13 Apr 2022 20:03
 Operator : SY/MD
 Sample : N2316-06ME
 Misc : 6.23g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETNQ4ME

Quant Time: Apr 14 03:11:24 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)

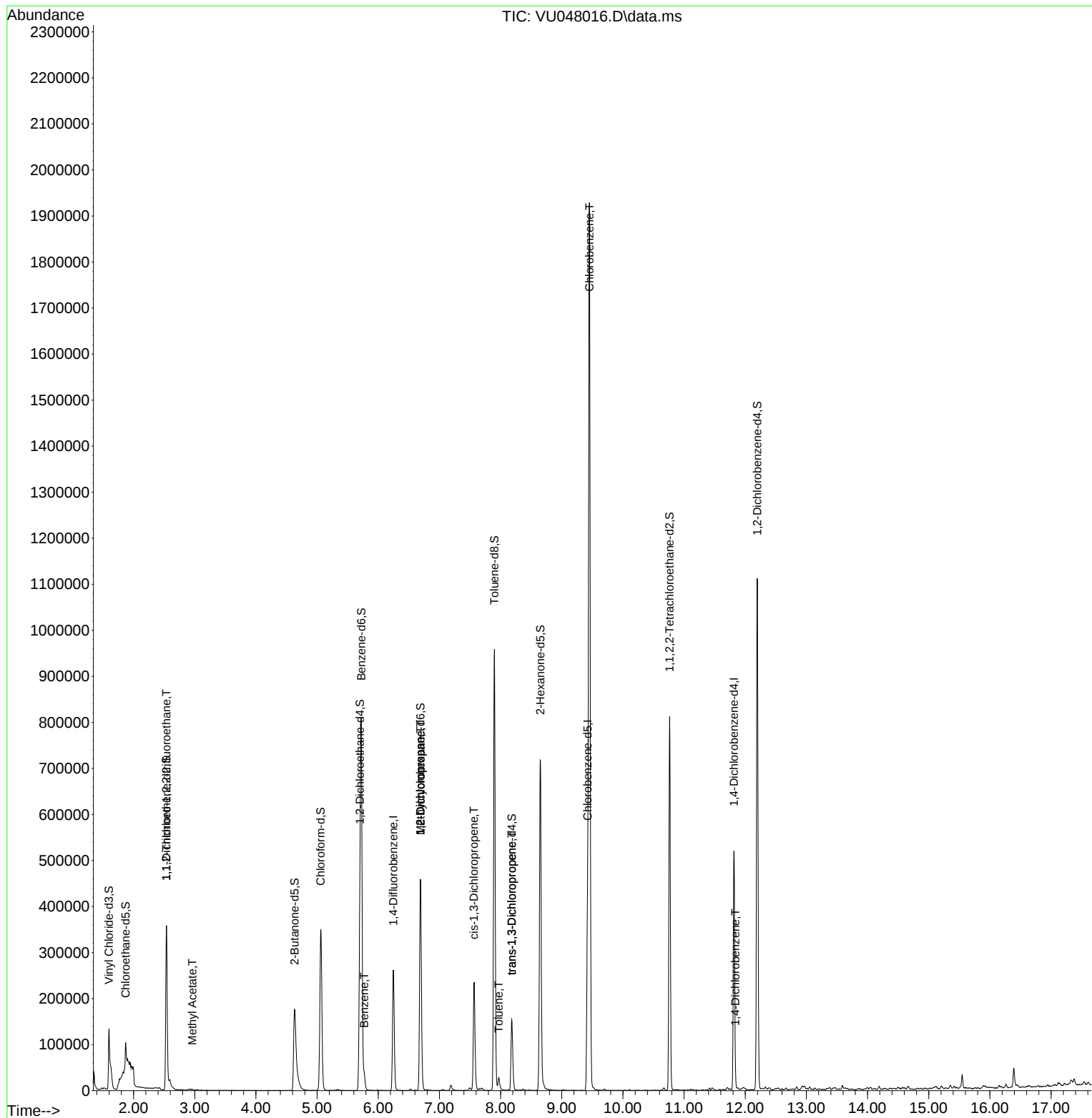
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	234109	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	251898	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	146258	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	171399	100.961	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	201.920%#
7) Chloroethane-d5	1.870	69	52493	39.214	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.420%
11) 1,1-Dichloroethene-d2	2.536	63	233288	75.108	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	150.220%#
21) 2-Butanone-d5	4.632	46	344672	236.538	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	236.540%#
24) Chloroform-d	5.060	84	343243	110.499	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	221.000%#
26) 1,2-Dichloroethane-d4	5.700	65	227599	119.465	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	238.920%#
32) Benzene-d6	5.722	84	725311	114.430	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	228.860%#
36) 1,2-Dichloropropane-d6	6.690	67	236675	121.584	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	243.160%#
41) Toluene-d8	7.899	98	665891	107.827	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	215.660%#
43) trans-1,3-Dichloroprop...	8.182	79	103916	105.372	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	210.740%#
47) 2-Hexanone-d5	8.648	63	288954	253.571	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	253.570%#
56) 1,1,2,2-Tetrachloroeth...	10.764	84	398303	119.227	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	238.460%#
66) 1,2-Dichlorobenzene-d4	12.198	152	309940	119.113	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	238.220%#
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.536	101	2207	1.279	ug/L #	18
15) Methyl Acetate	2.960	43	2576	1.191	ug/L #	61
33) Benzene	5.771	78	33271	4.563	ug/L	100
35) Methylcyclohexane	6.690	83	54156	18.623	ug/L #	21
37) 1,2-Dichloropropane	6.690	63	23838	12.861	ug/L #	87
39) cis-1,3-Dichloropropene	7.565	75	6088	2.117	ug/L #	65
42) Toluene	7.970	91	19806	2.476	ug/L	91
44) trans-1,3-Dichloropropene	8.182	75	4636	1.614	ug/L	90
51) Chlorobenzene	9.452	112	1166782	214.795	ug/L	97
65) 1,4-Dichlorobenzene	11.841	146	4134	0.908	ug/L	97

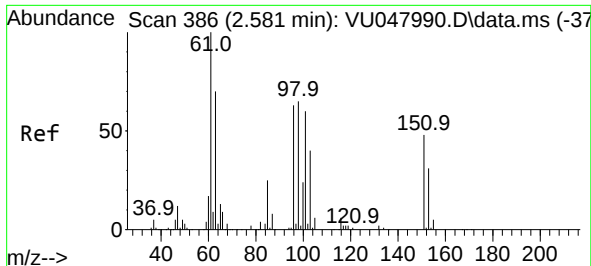
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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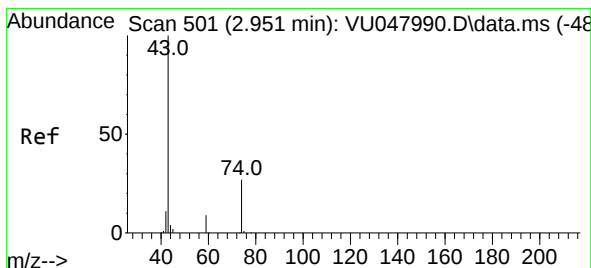
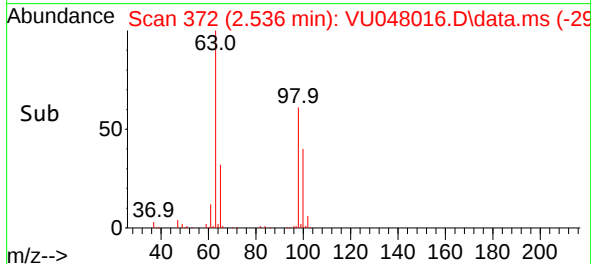
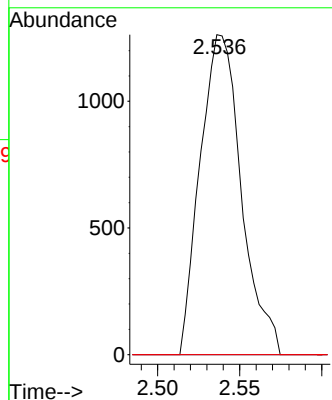
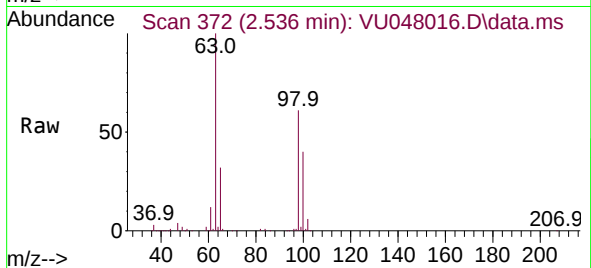




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.279 ug/L
 RT: 2.536 min Scan# 31
 Delta R.T. -0.045 min
 Lab File: VU048016.D
 Acq: 13 Apr 2022 20:03

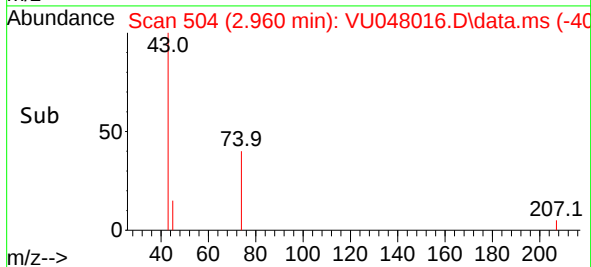
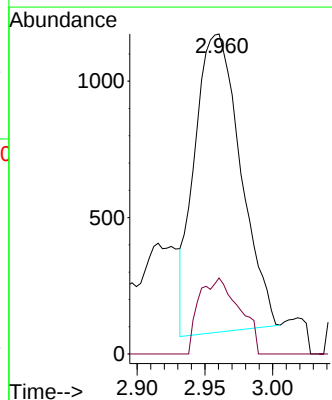
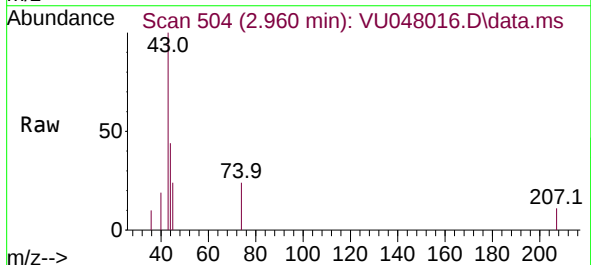
Instrument :
 MSVOA_U
 ClientSampleId :
 ETNQ4ME

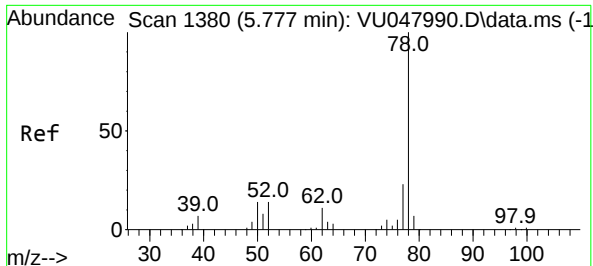
Tgt Ion:101 Resp: 2207
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.8 49.2#
 151 0.0 63.0 94.6#



#15
 Methyl Acetate
 Concen: 1.191 ug/L
 RT: 2.960 min Scan# 504
 Delta R.T. 0.010 min
 Lab File: VU048016.D
 Acq: 13 Apr 2022 20:03

Tgt Ion: 43 Resp: 2576
 Ion Ratio Lower Upper
 43 100
 74 7.5 22.2 33.2#

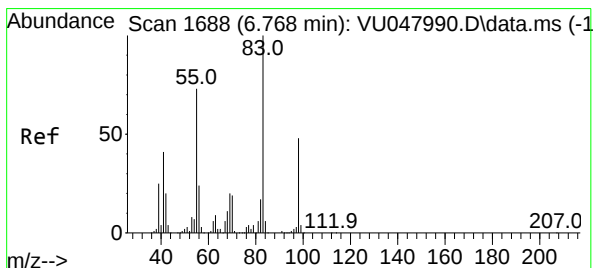
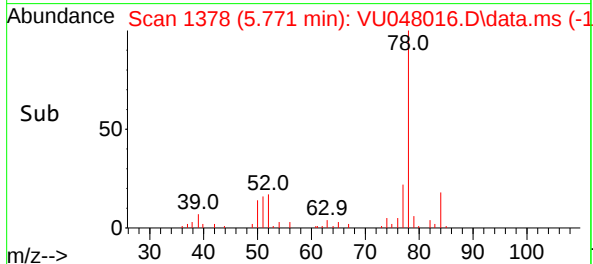
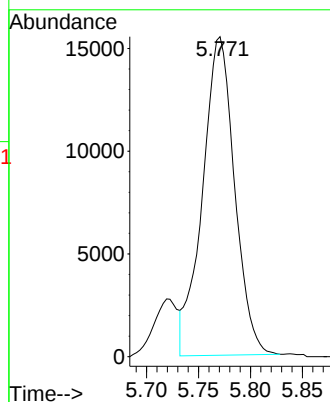
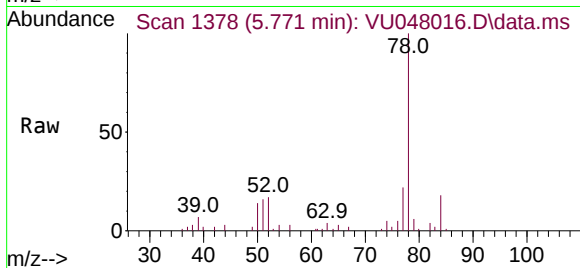




#33
Benzene
Concen: 4.563 ug/L
RT: 5.771 min Scan# 11
Delta R.T. -0.007 min
Lab File: VU048016.D
Acq: 13 Apr 2022 20:03

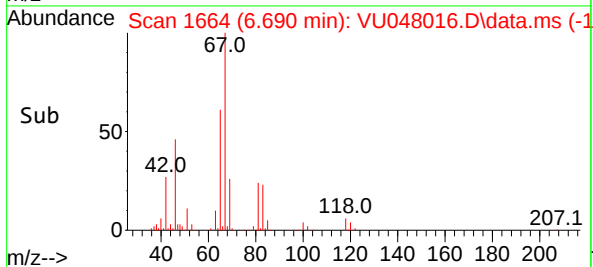
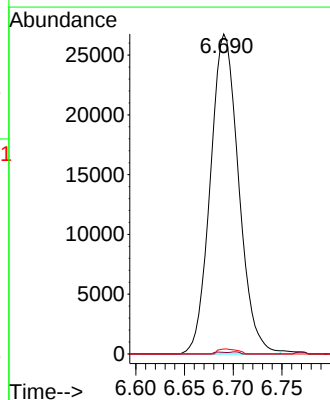
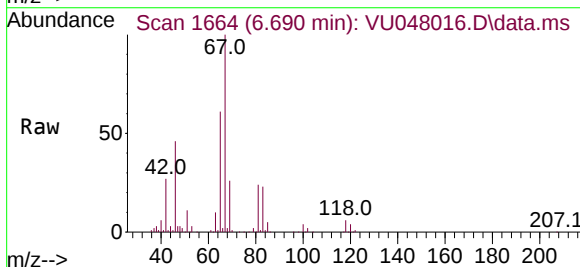
Instrument :
MSVOA_U
ClientSampleId :
ETNQ4ME

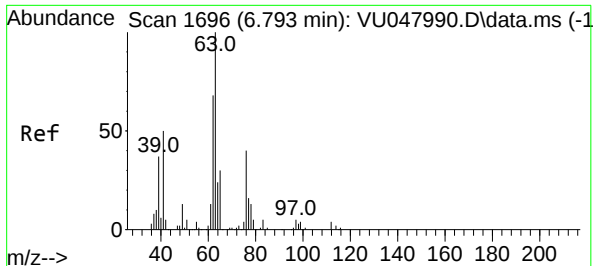
Tgt Ion: 78 Resp: 33271



#35
Methylcyclohexane
Concen: 18.623 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.077 min
Lab File: VU048016.D
Acq: 13 Apr 2022 20:03

Tgt Ion: 83 Resp: 54156
Ion Ratio Lower Upper
83 100
55 0.3 56.8 85.2#
98 1.1 38.1 57.1#





#37

1,2-Dichloropropane

Concen: 12.861 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU048016.D

Acq: 13 Apr 2022 20:03

Instrument :

MSVOA_U

ClientSampleId :

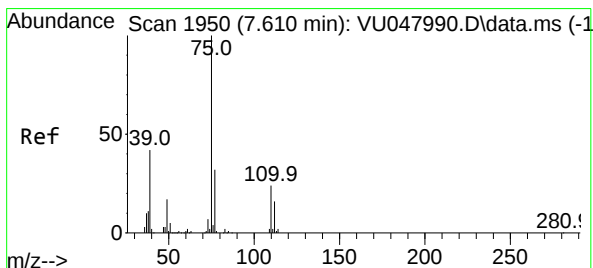
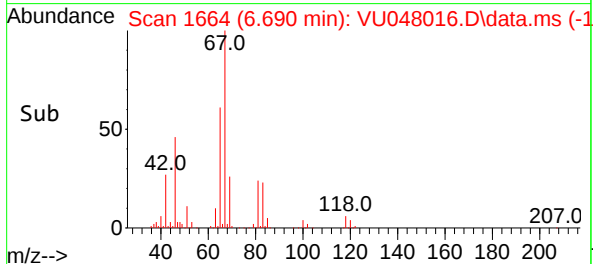
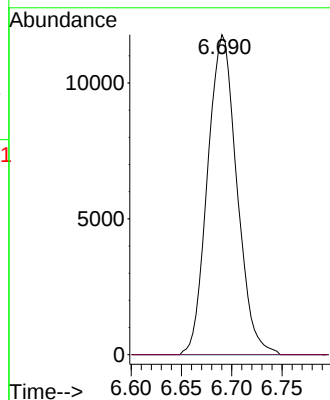
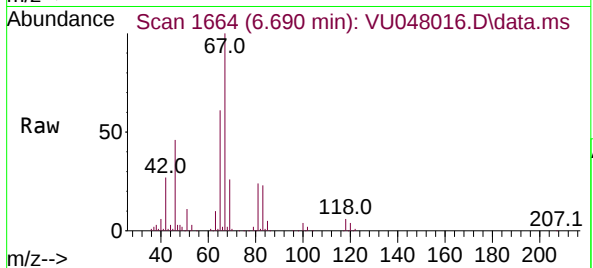
ETNQ4ME

Tgt Ion: 63 Resp: 23838

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#39

cis-1,3-Dichloropropene

Concen: 2.117 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.045 min

Lab File: VU048016.D

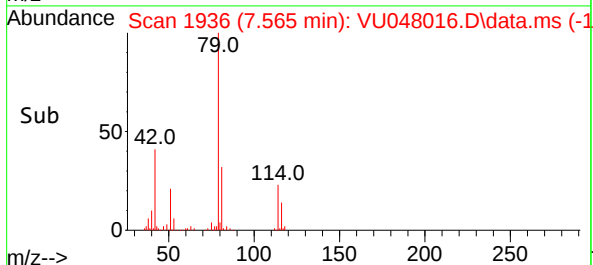
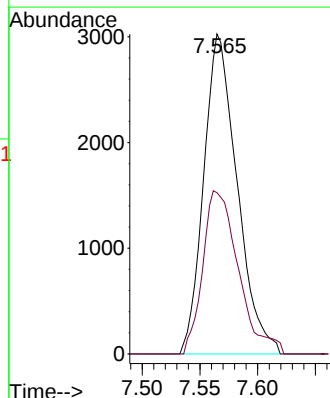
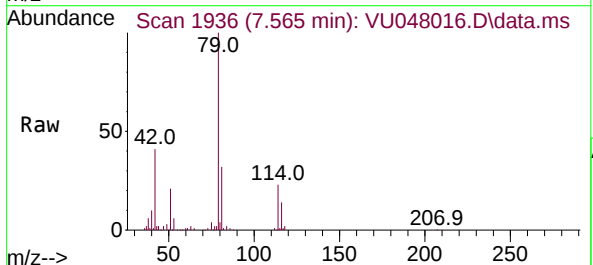
Acq: 13 Apr 2022 20:03

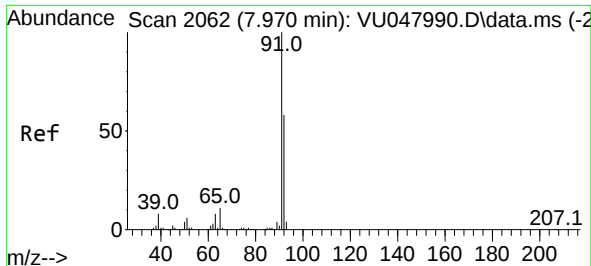
Tgt Ion: 75 Resp: 6088

Ion Ratio Lower Upper

75 100

77 50.4 21.8 40.6#





#42

Toluene

Concen: 2.476 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU048016.D

Acq: 13 Apr 2022 20:03

Instrument :

MSVOA_U

ClientSampleId :

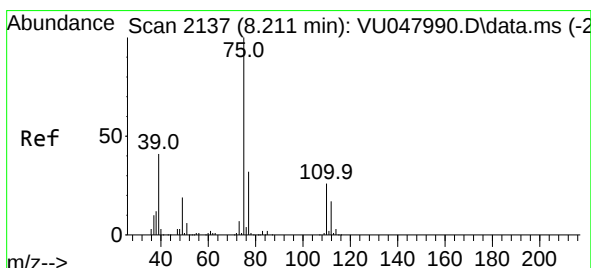
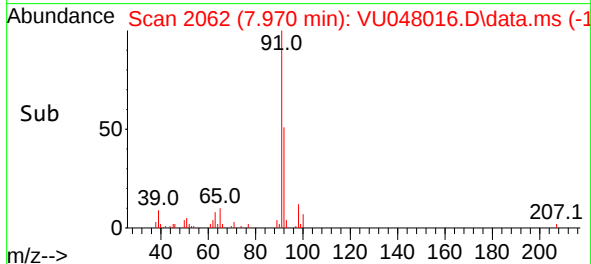
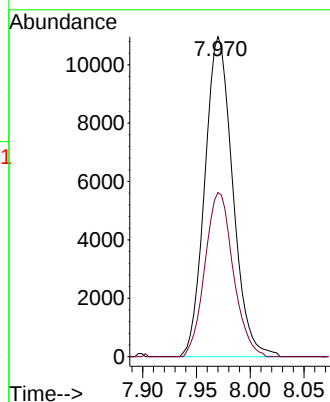
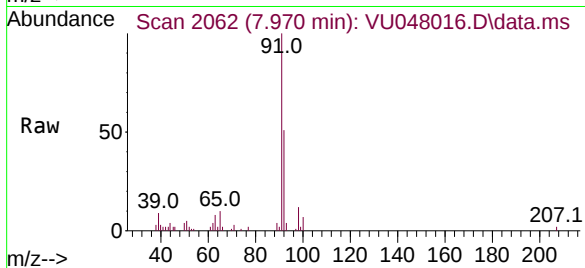
ETNQ4ME

Tgt Ion: 91 Resp: 19806

Ion Ratio Lower Upper

91 100

92 51.3 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 1.614 ug/L

RT: 8.182 min Scan# 2128

Delta R.T. -0.029 min

Lab File: VU048016.D

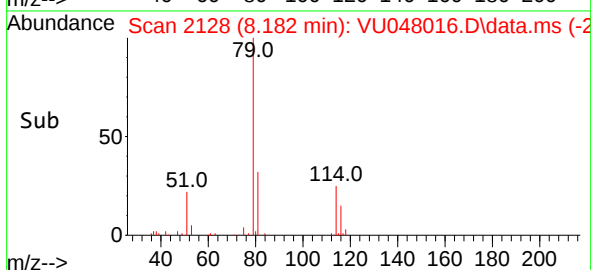
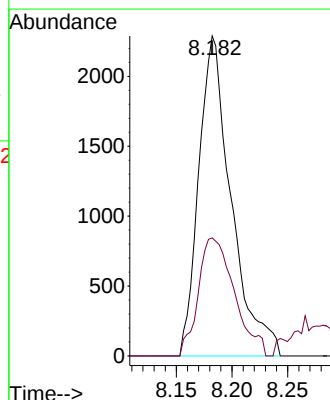
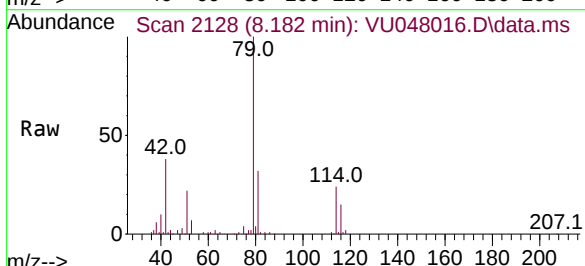
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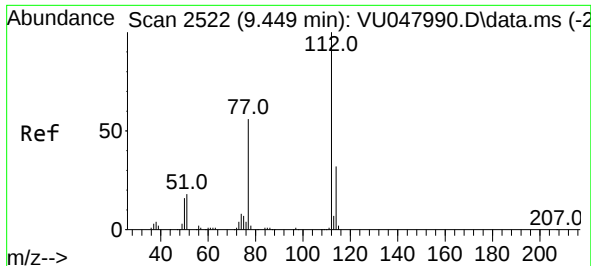
Tgt Ion: 75 Resp: 4636

Ion Ratio Lower Upper

75 100

77 36.9 22.0 40.8

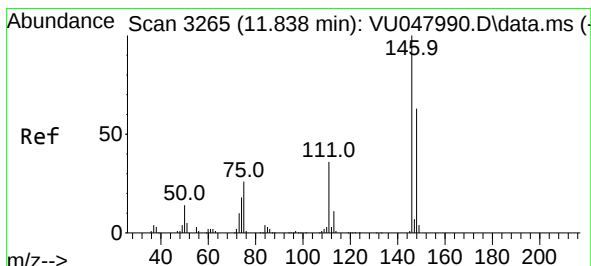
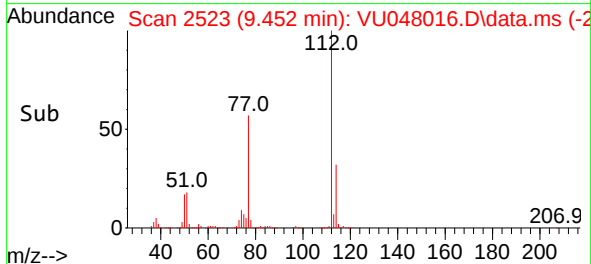
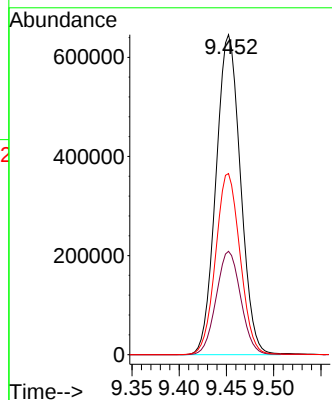
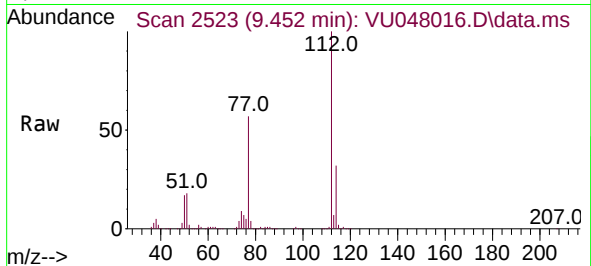




#51
Chlorobenzene
Concen: 214.795 ug/L
RT: 9.452 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU048016.D
Acq: 13 Apr 2022 20:03

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ClientSampleId :
ETNQ4ME

Tgt Ion:112 Resp: 1166782
Ion Ratio Lower Upper
112 100
114 32.3 22.1 41.1
77 56.6 43.4 65.0



#65
1,4-Dichlorobenzene
Concen: 0.908 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. 0.003 min
Lab File: VU048016.D
Acq: 13 Apr 2022 20:03

Tgt Ion:146 Resp: 4134
Ion Ratio Lower Upper
146 100
111 36.2 25.3 47.1
148 59.6 44.5 82.7

