

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042222\
 Data File : VU048225.D
 Acq On : 22 Apr 2022 15:21
 Operator : SY/MD
 Sample : N2485-16DL2 2000X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 22 22:02:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 22 21:59:27 2022
 Response via : Initial Calibration

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

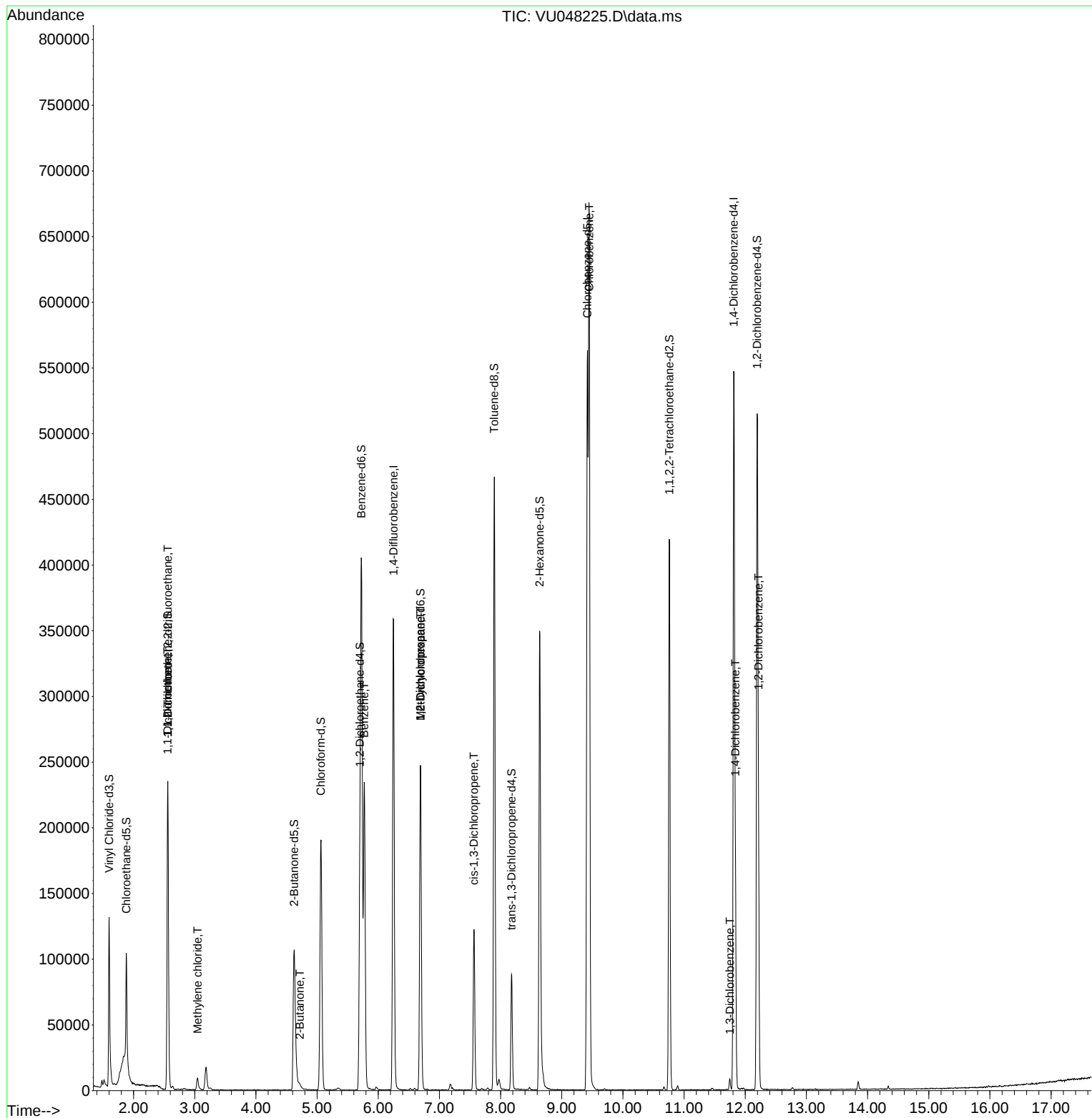
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	306960	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	321211	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	153384	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	112427	50.507	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.020%
7) Chloroethane-d5	1.883	69	70012	39.889	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.780%
11) 1,1-Dichloroethene-d2	2.559	63	136642	33.552	ug/L	-0.01
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.100%
21) 2-Butanone-d5	4.623	46	171163	89.586	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.590%
24) Chloroform-d	5.063	84	181494	44.561	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.120%
26) 1,2-Dichloroethane-d4	5.700	65	114774	45.946	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.900%
32) Benzene-d6	5.726	84	383322	47.426	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.860%
36) 1,2-Dichloropropane-d6	6.690	67	125567	50.586	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.180%
41) Toluene-d8	7.896	98	321616	40.841	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.680%
43) trans-1,3-Dichloroprop...	8.179	79	51811	41.200	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.400%
47) 2-Hexanone-d5	8.639	63	122706	84.444	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.440%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	209890	49.271	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.540%
66) 1,2-Dichlorobenzene-d4	12.195	152	134590	49.321	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.640%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.559	101	1436	0.635	ug/L #	18
12) 1,1-Dichloroethene	2.555	96	1095	0.520	ug/L #	1
16) Methylene chloride	3.044	84	5047	2.089	ug/L	92
22) 2-Butanone	4.716	43	4039	1.763	ug/L	88
33) Benzene	5.771	78	227636	24.483	ug/L	100
35) Methylcyclohexane	6.690	83	28488	7.682	ug/L #	21
37) 1,2-Dichloropropane	6.690	63	12549	5.309	ug/L #	87
39) cis-1,3-Dichloropropene	7.565	75	2544	0.694	ug/L #	47
51) Chlorobenzene	9.449	112	374481	54.063	ug/L	98
64) 1,3-Dichlorobenzene	11.748	146	3935	0.854	ug/L	94
65) 1,4-Dichlorobenzene	11.838	146	72426	15.176	ug/L	95
67) 1,2-Dichlorobenzene	12.214	146	78712	17.073	ug/L	98

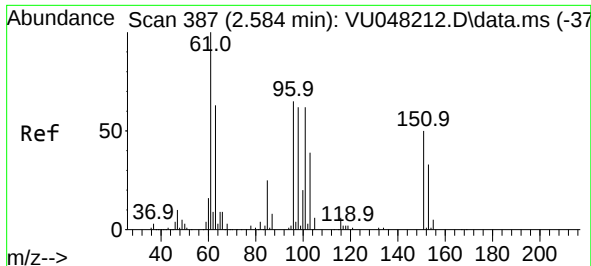
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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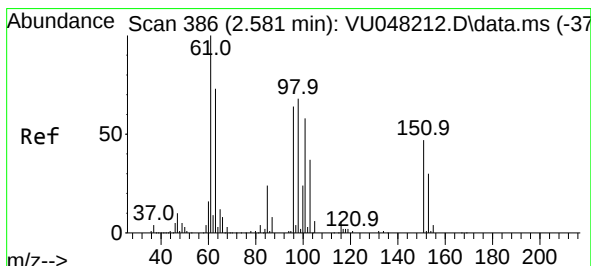
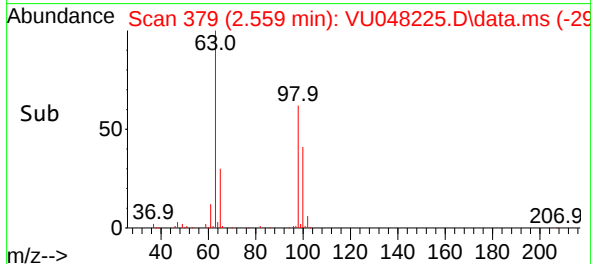
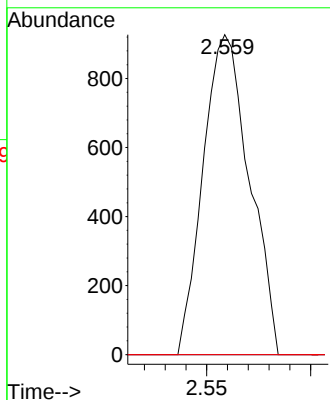
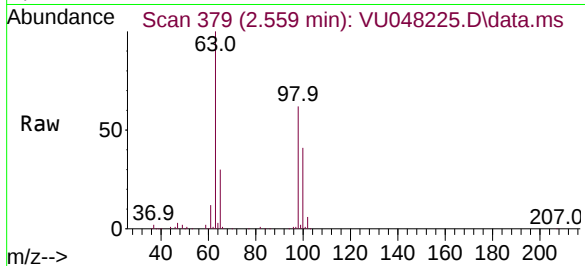




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.635 ug/L
 RT: 2.559 min Scan# 31
 Delta R.T. -0.026 min
 Lab File: VU048225.D
 Acq: 22 Apr 2022 15:21

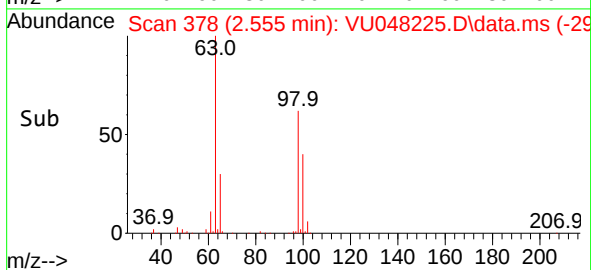
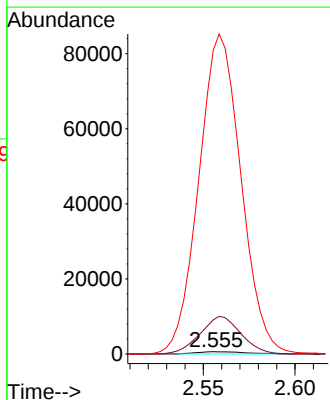
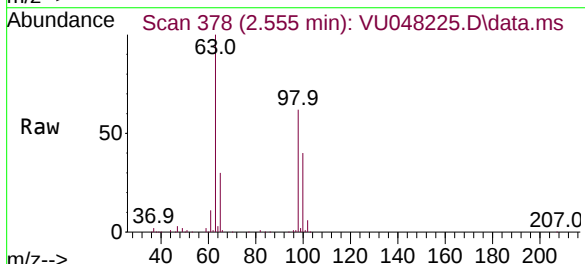
Instrument :
 MSVOA_U
 ClientSampleId :

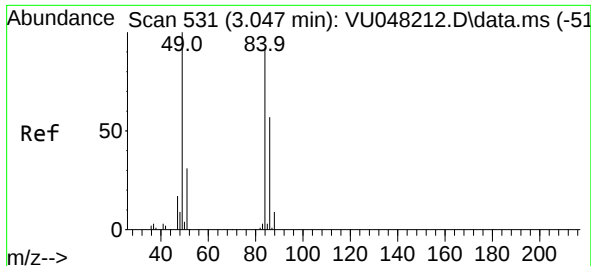
Tgt Ion:101 Resp: 1436
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.8 49.2#
 151 0.0 63.0 94.6#



#12
 1,1-Dichloroethene
 Concen: 0.520 ug/L
 RT: 2.555 min Scan# 378
 Delta R.T. -0.026 min
 Lab File: VU048225.D
 Acq: 22 Apr 2022 15:21

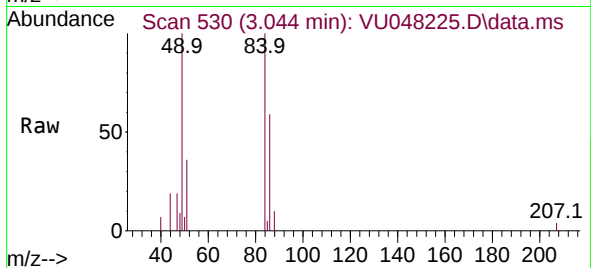
Tgt Ion: 96 Resp: 1095
 Ion Ratio Lower Upper
 96 100
 61 1556.3 113.1 210.1#
 63 13856.2 94.8 176.0#



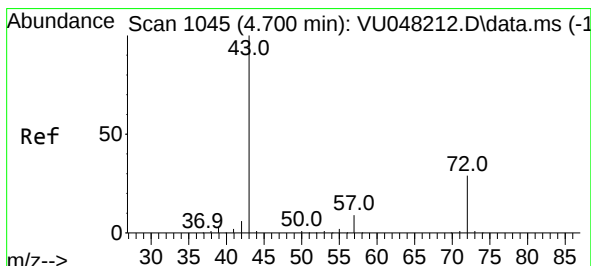
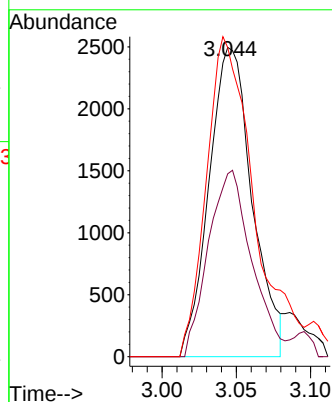
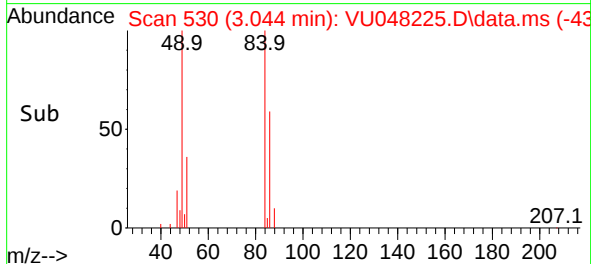


#16
Methylene chloride
Concen: 2.089 ug/L
RT: 3.044 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU048225.D
Acq: 22 Apr 2022 15:21

Instrument :
MSVOA_U
ClientSampleId :

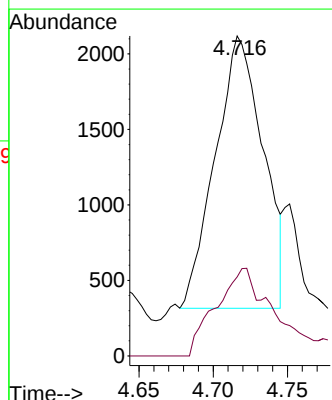
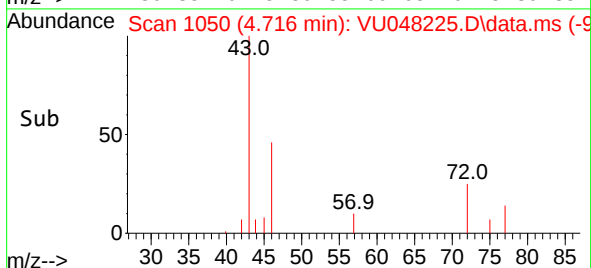
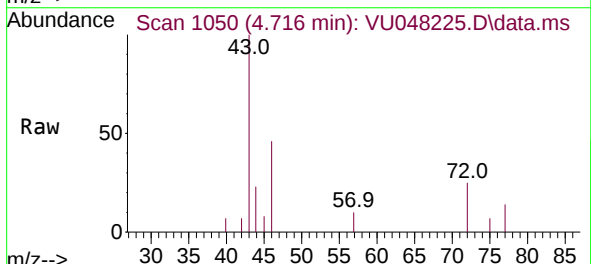


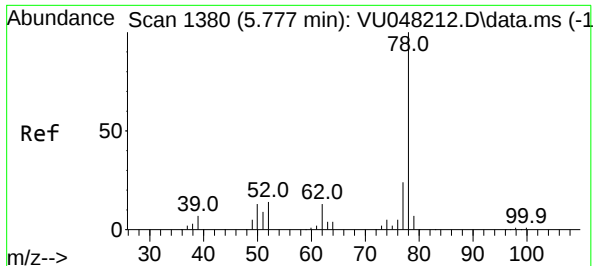
Tgt Ion: 84 Resp: 5047
Ion Ratio Lower Upper
84 100
86 59.1 46.0 85.4
49 99.9 75.3 139.8



#22
2-Butanone
Concen: 1.763 ug/L
RT: 4.716 min Scan# 1050
Delta R.T. 0.016 min
Lab File: VU048225.D
Acq: 22 Apr 2022 15:21

Tgt Ion: 43 Resp: 4039
Ion Ratio Lower Upper
43 100
72 25.4 16.0 47.9

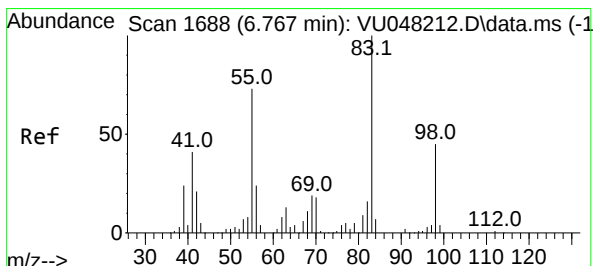
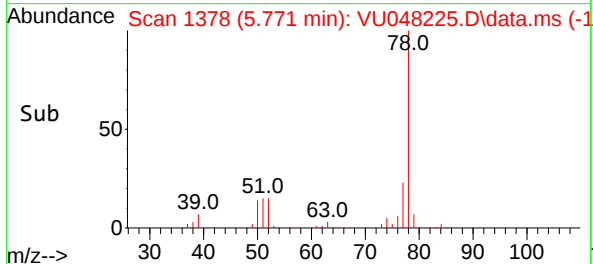
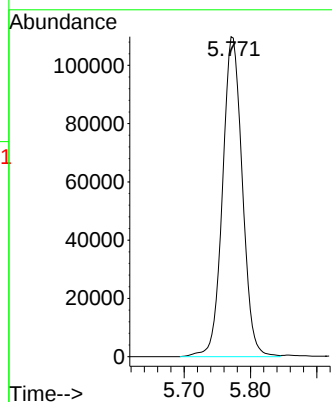
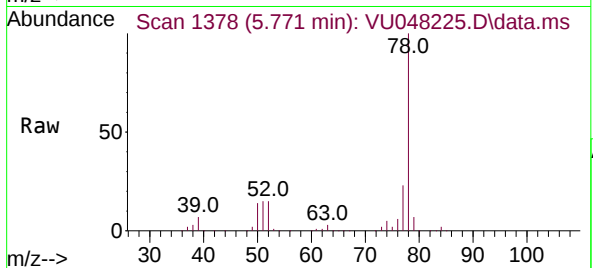




#33
Benzene
Concen: 24.483 ug/L
RT: 5.771 min Scan# 1380
Delta R.T. -0.006 min
Lab File: VU048225.D
Acq: 22 Apr 2022 15:21

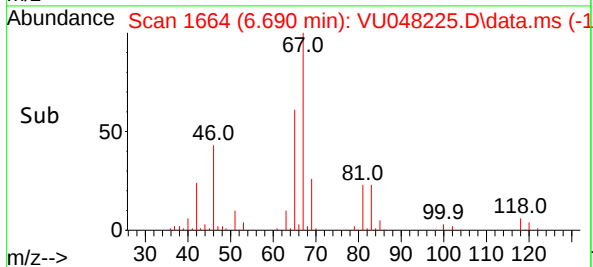
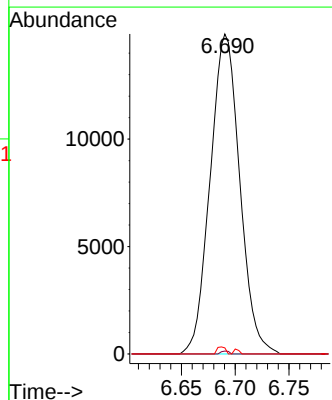
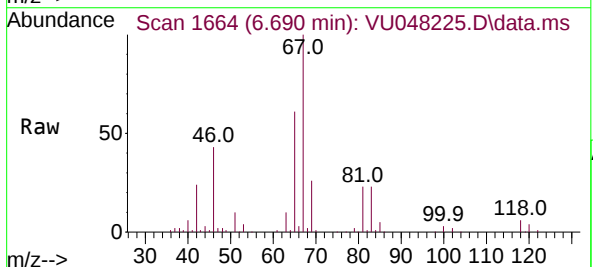
Instrument :
MSVOA_U
ClientSampleId :

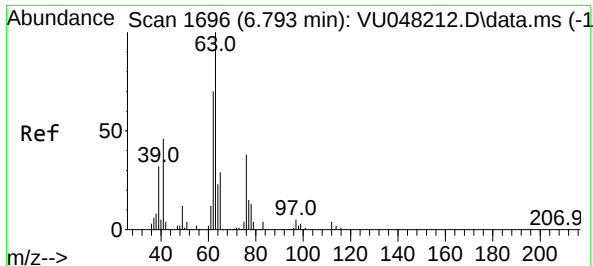
Tgt Ion: 78 Resp: 227636



#35
Methylcyclohexane
Concen: 7.682 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.077 min
Lab File: VU048225.D
Acq: 22 Apr 2022 15:21

Tgt Ion: 83 Resp: 28488
Ion Ratio Lower Upper
83 100
55 0.2 56.8 85.2#
98 0.6 38.1 57.1#





#37

1,2-Dichloropropane

Concen: 5.309 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU048225.D

Acq: 22 Apr 2022 15:21

Instrument :

MSVOA_U

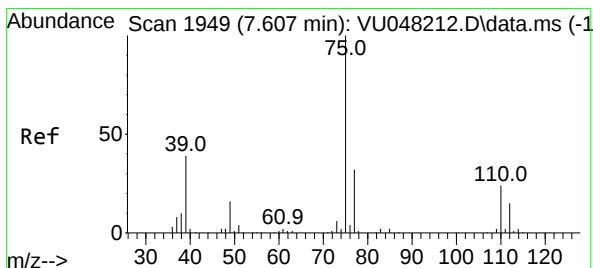
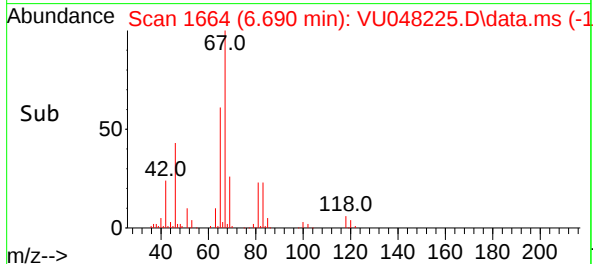
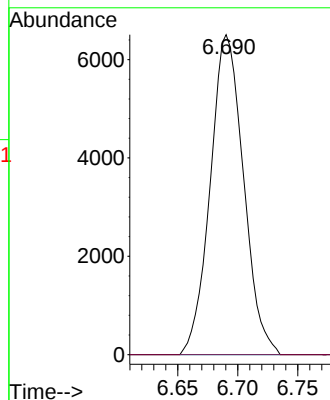
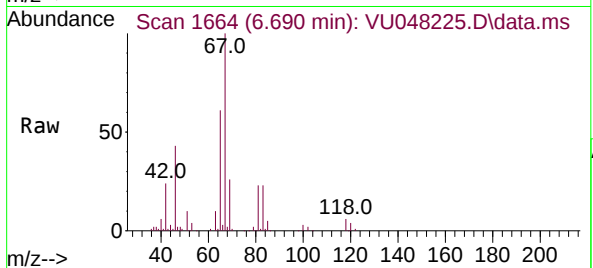
ClientSampleId :

Tgt Ion: 63 Resp: 12549

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#39

cis-1,3-Dichloropropene

Concen: 0.694 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.042 min

Lab File: VU048225.D

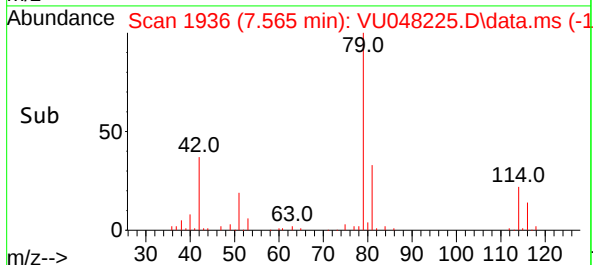
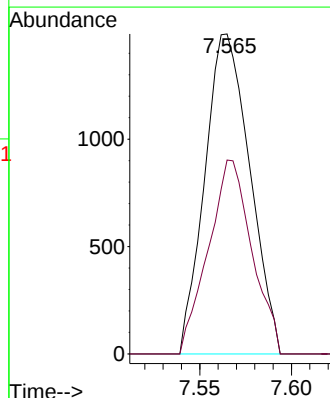
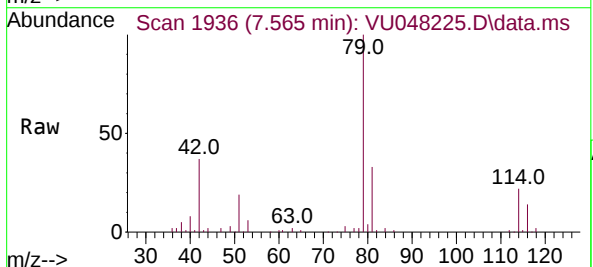
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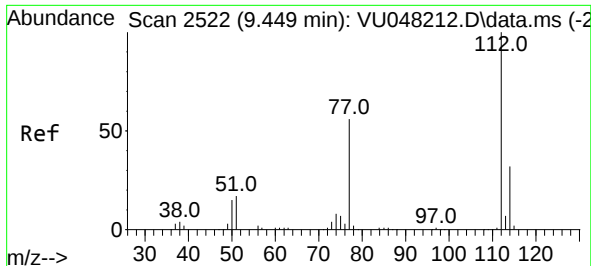
Tgt Ion: 75 Resp: 2544

Ion Ratio Lower Upper

75 100

77 60.6 21.8 40.6#

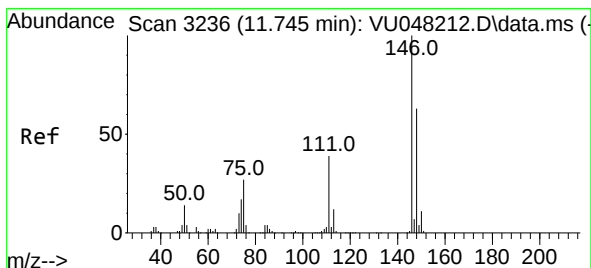
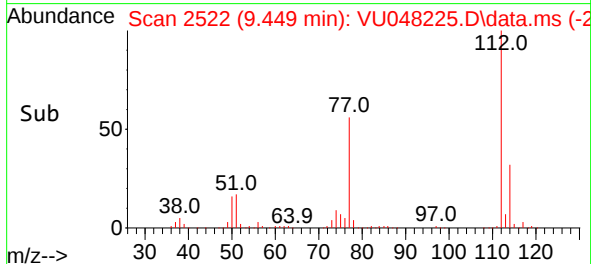
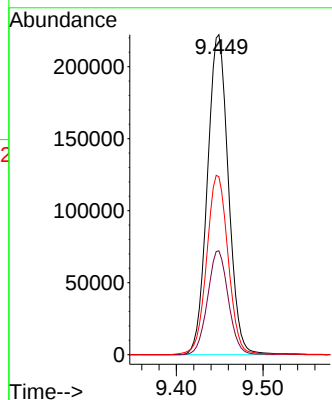
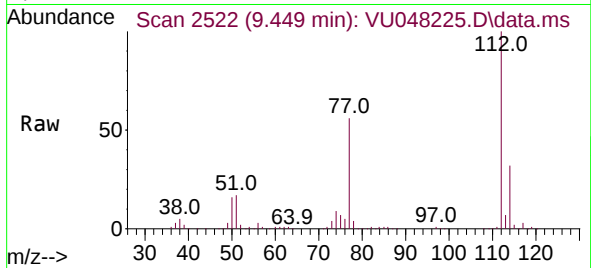




#51
Chlorobenzene
Concen: 54.063 ug/L
RT: 9.449 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048225.D
Acq: 22 Apr 2022 15:21

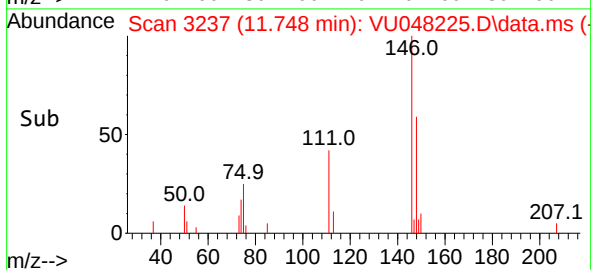
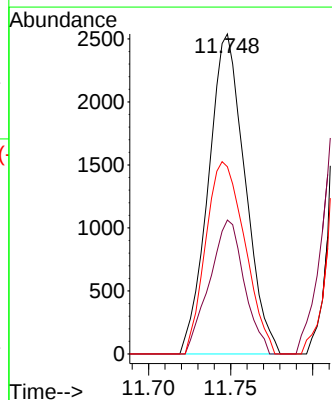
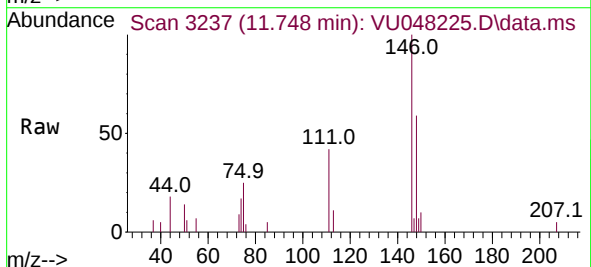
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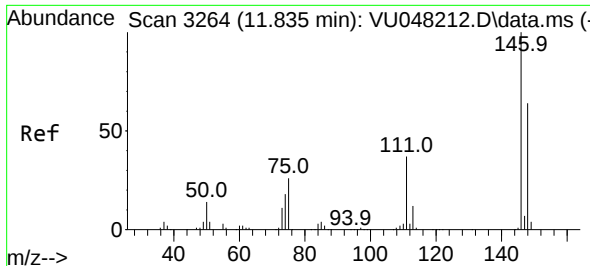
Tgt Ion:112 Resp: 374481
Ion Ratio Lower Upper
112 100
114 32.5 22.1 41.1
77 55.6 43.4 65.0



#64
1,3-Dichlorobenzene
Concen: 0.854 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.003 min
Lab File: VU048225.D
Acq: 22 Apr 2022 15:21

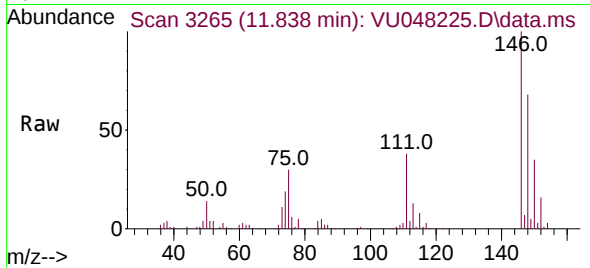
Tgt Ion:146 Resp: 3935
Ion Ratio Lower Upper
146 100
111 41.9 26.7 49.7
148 58.5 44.4 82.5



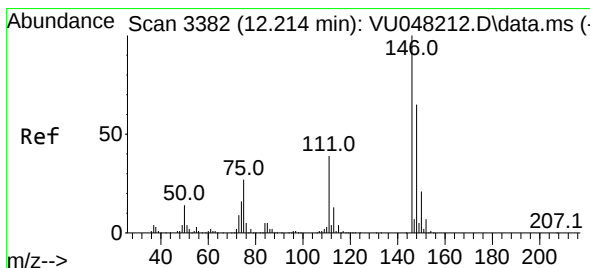
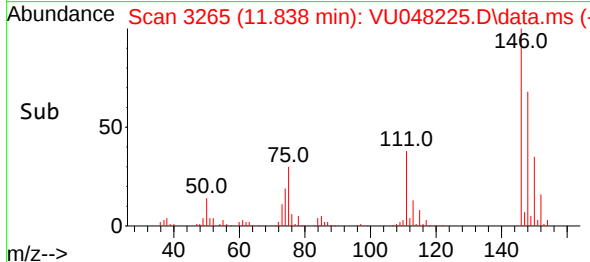
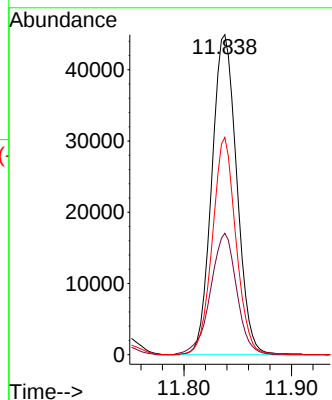


#65
1,4-Dichlorobenzene
Concen: 15.176 ug/L
RT: 11.838 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048225.D
Acq: 22 Apr 2022 15:21

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:146 Resp: 72426
Ion Ratio Lower Upper
146 100
111 37.9 25.3 47.1
148 67.9 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 17.073 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU048225.D
Acq: 22 Apr 2022 15:21

Tgt Ion:146 Resp: 78712
Ion Ratio Lower Upper
146 100
111 41.4 31.7 47.5
148 63.8 51.4 77.2

