

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
 Data File : VU047969.D
 Acq On : 12 Apr 2022 20:23
 Operator : SY/MD
 Sample : N2293-09ME
 Misc : 6.11g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 13 01:38:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 13 01:28:20 2022
 Response via : Initial Calibration

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

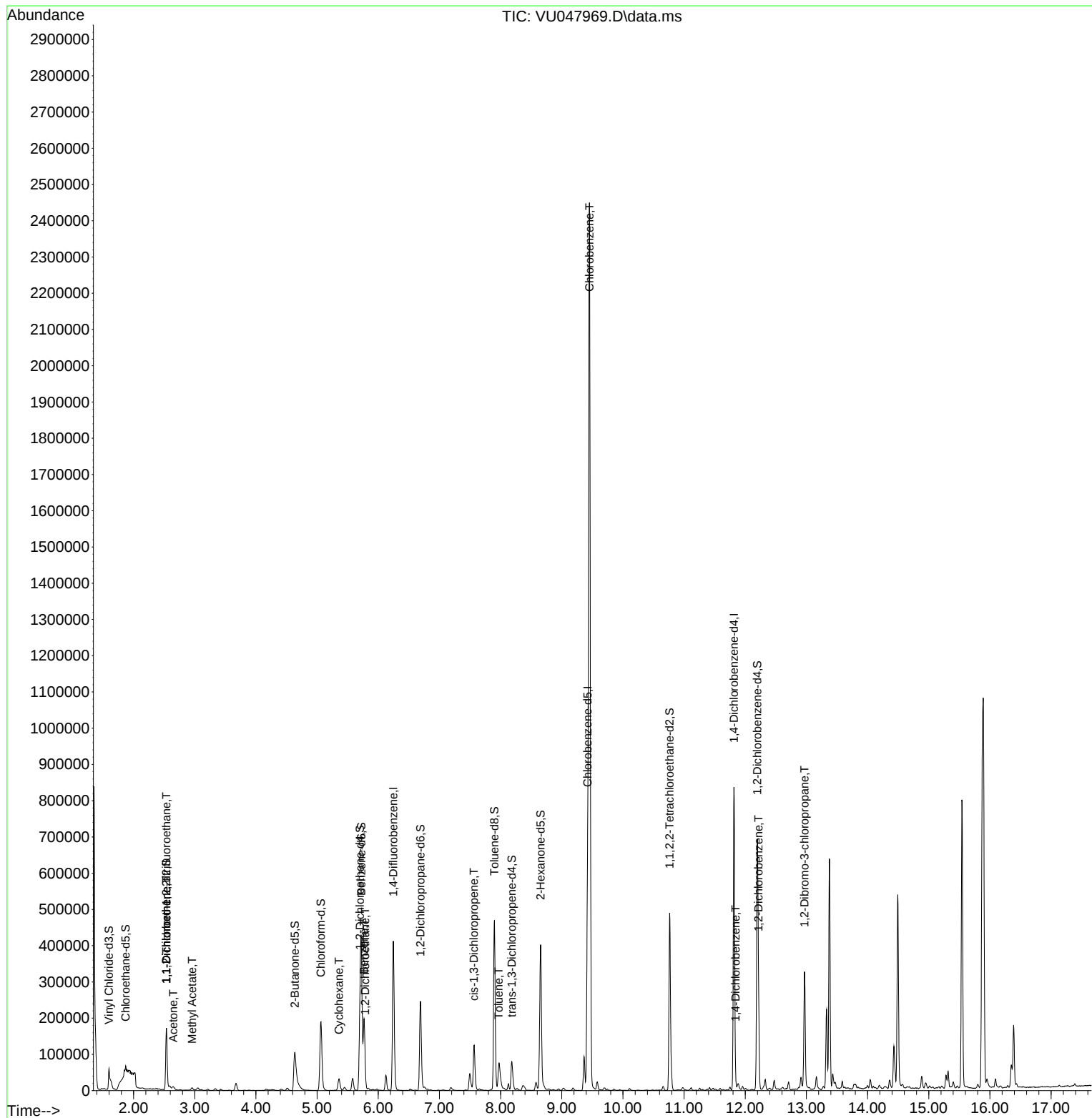
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	372064	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	404062	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	232232	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	79207	29.357	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	58.720%#		
7) Chloroethane-d5	1.871	69	41965	19.726	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery =	39.460%#		
11) 1,1-Dichloroethene-d2	2.536	63	113133	22.918	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery =	45.840%#		
21) 2-Butanone-d5	4.636	46	211254	91.222	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	91.220%		
24) Chloroform-d	5.063	84	192137	38.920	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	77.840%		
26) 1,2-Dichloroethane-d4	5.700	65	129135	42.650	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.300%		
32) Benzene-d6	5.723	84	374691	36.852	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	73.700%		
36) 1,2-Dichloropropane-d6	6.690	67	129560	41.493	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	82.980%		
41) Toluene-d8	7.899	98	332946	33.611	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	67.220%#		
43) trans-1,3-Dichloroprop...	8.182	79	55723	35.225	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	70.460%		
47) 2-Hexanone-d5	8.655	63	166909	91.312	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery =	91.310%		
56) 1,1,2,2-Tetrachloroeth...	10.764	84	234911	43.837	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	87.680%		
66) 1,2-Dichlorobenzene-d4	12.198	152	171723	41.563	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	83.120%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.536	101	1123	0.410	ug/L #	18
12) 1,1-Dichloroethene	2.536	96	1038	0.407	ug/L #	1
13) Acetone	2.649	43	10719	4.974	ug/L	95
15) Methyl Acetate	2.954	43	6263	1.822	ug/L #	89
27) 1,2-Dichloroethane	5.787	62	2894	0.733	ug/L #	91
29) Cyclohexane	5.359	56	8294	2.023	ug/L #	23
33) Benzene	5.768	78	193724	16.564	ug/L	100
39) cis-1,3-Dichloropropene	7.565	75	3233	0.701	ug/L #	52
42) Toluene	7.970	91	50343	3.923	ug/L	99
51) Chlorobenzene	9.452	112	1478690	169.702	ug/L	98
65) 1,4-Dichlorobenzene	11.841	146	7410	1.025	ug/L	93
67) 1,2-Dichlorobenzene	12.218	146	58581	8.392	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.970	75	51058	36.409	ug/L #	1

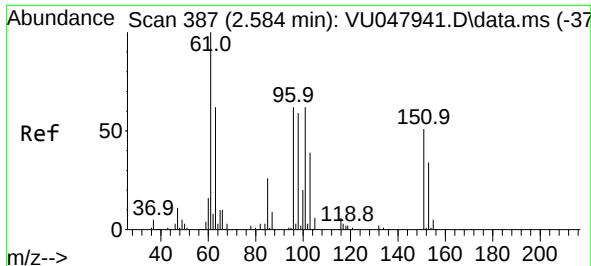
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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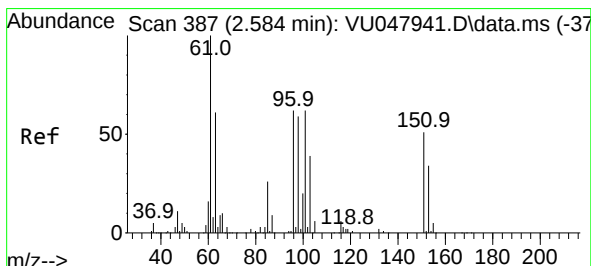
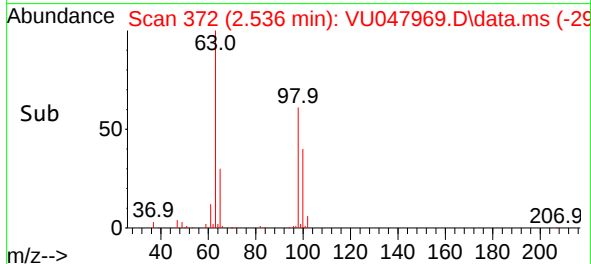
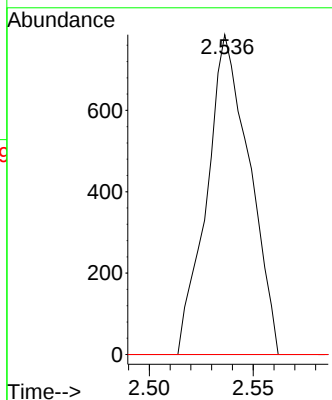
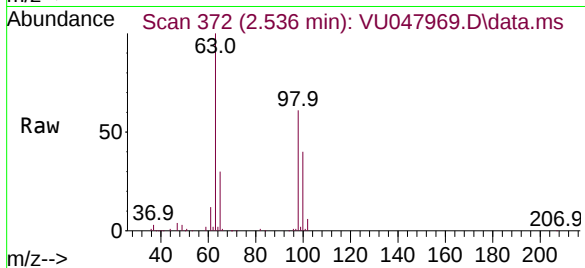




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.410 ug/L
 RT: 2.536 min Scan# 312
 Delta R.T. -0.048 min
 Lab File: VU047969.D
 Acq: 12 Apr 2022 20:23

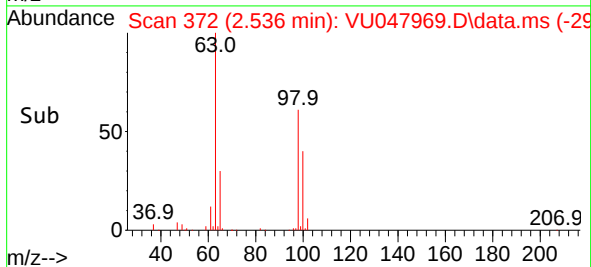
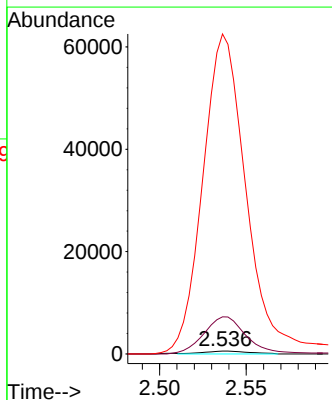
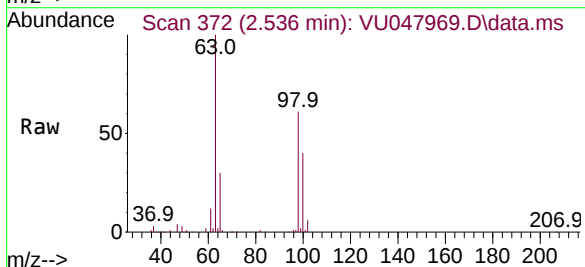
Instrument :
 MSVOA_U
 ClientSampleId :

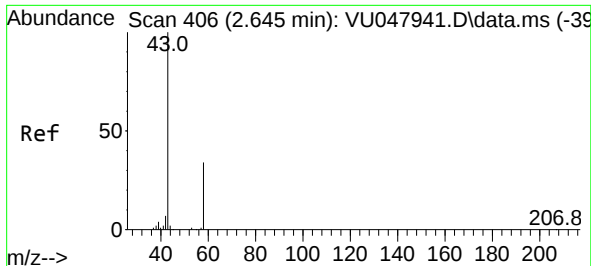
Tgt Ion:101 Resp: 1123
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.8 49.2#
 151 0.0 63.0 94.6#



#12
 1,1-Dichloroethene
 Concen: 0.407 ug/L
 RT: 2.536 min Scan# 372
 Delta R.T. -0.048 min
 Lab File: VU047969.D
 Acq: 12 Apr 2022 20:23

Tgt Ion: 96 Resp: 1038
 Ion Ratio Lower Upper
 96 100
 61 1301.4 113.1 210.1#
 63 11207.2 94.8 176.0#





#13

Acetone

Concen: 4.974 ug/L

RT: 2.649 min Scan# 406

Delta R.T. 0.003 min

Lab File: VU047969.D

Acq: 12 Apr 2022 20:23

Instrument :

MSVOA_U

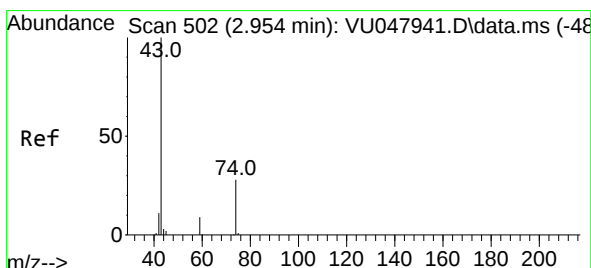
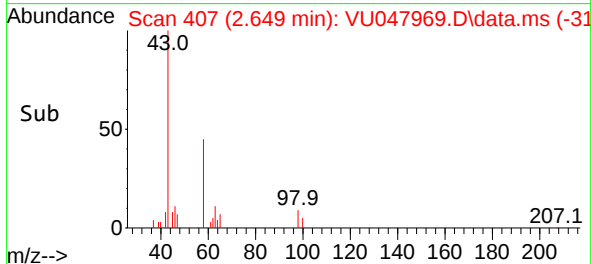
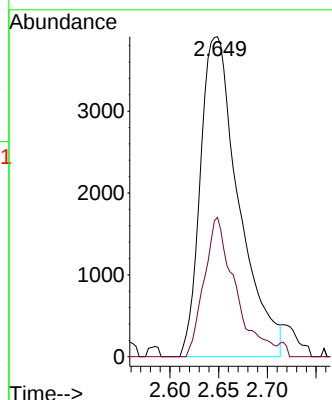
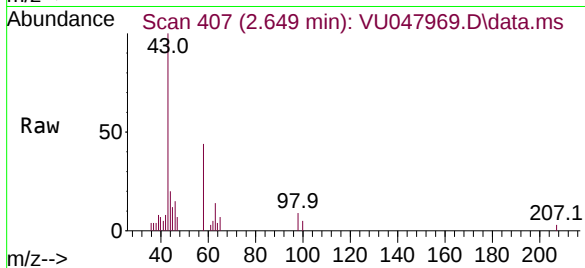
ClientSampleId :

Tgt Ion: 43 Resp: 10719

Ion Ratio Lower Upper

43 100

58 32.0 0.0 70.0



#15

Methyl Acetate

Concen: 1.822 ug/L

RT: 2.954 min Scan# 502

Delta R.T. 0.000 min

Lab File: VU047969.D

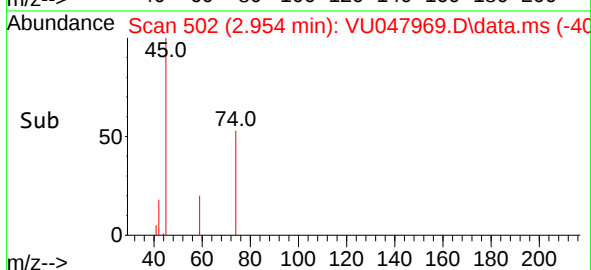
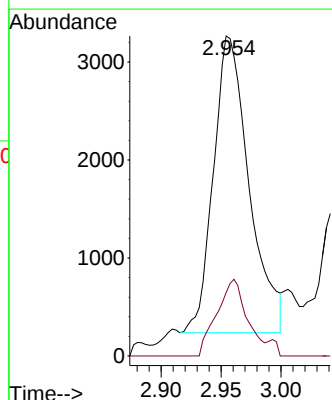
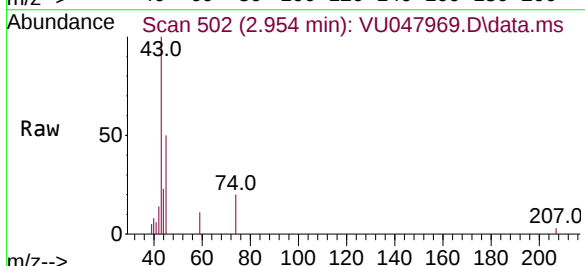
Acq: 12 Apr 2022 20:23

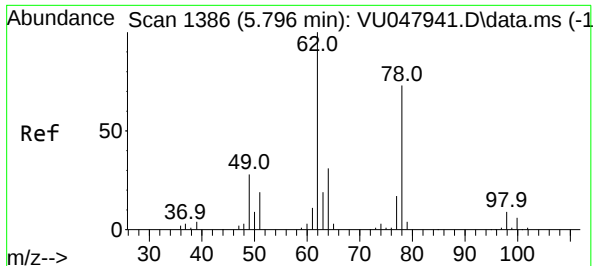
Tgt Ion: 43 Resp: 6263

Ion Ratio Lower Upper

43 100

74 21.8 22.2 33.2#

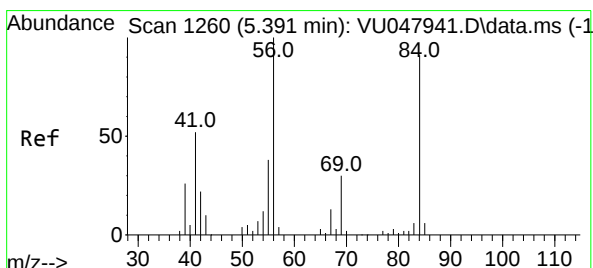
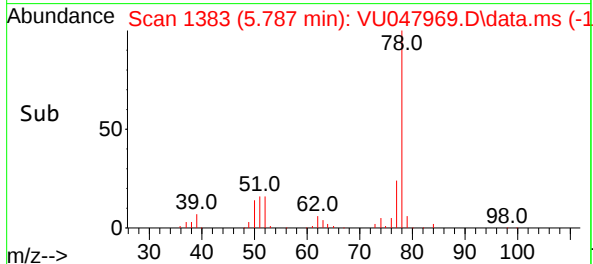
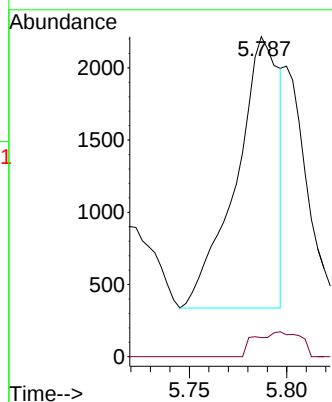
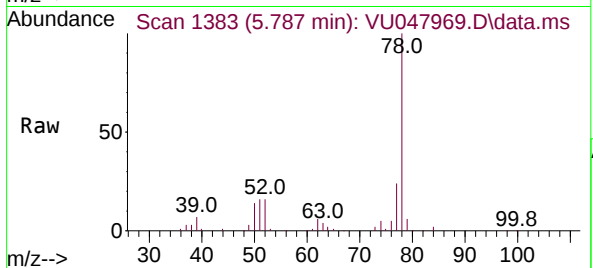




#27
1,2-Dichloroethane
Concen: 0.733 ug/L
RT: 5.787 min Scan# 11
Delta R.T. -0.010 min
Lab File: VU047969.D
Acq: 12 Apr 2022 20:23

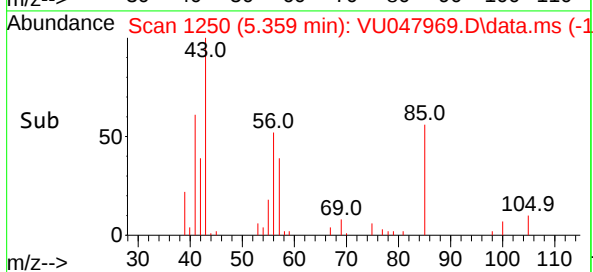
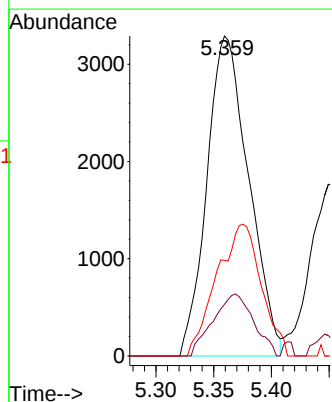
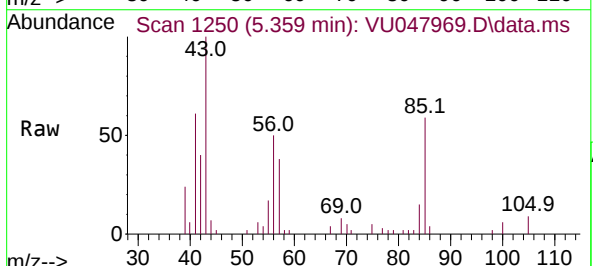
Instrument :
MSVOA_U
ClientSampleId :

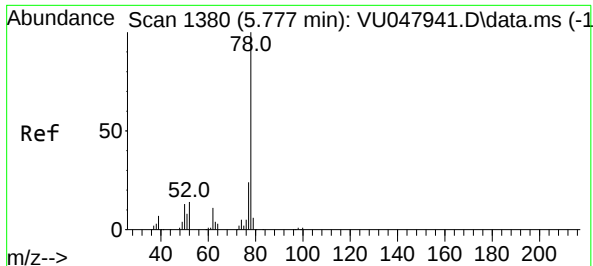
Tgt Ion: 62 Resp: 2894
Ion Ratio Lower Upper
62 100
98 6.0 7.4 11.0#



#29
Cyclohexane
Concen: 2.023 ug/L
RT: 5.359 min Scan# 1250
Delta R.T. -0.032 min
Lab File: VU047969.D
Acq: 12 Apr 2022 20:23

Tgt Ion: 56 Resp: 8294
Ion Ratio Lower Upper
56 100
69 0.0 25.4 38.2#
84 15.1 77.0 115.6#





#33

Benzene

Concen: 16.564 ug/L

RT: 5.768 min Scan# 1

Delta R.T. -0.010 min

Lab File: VU047969.D

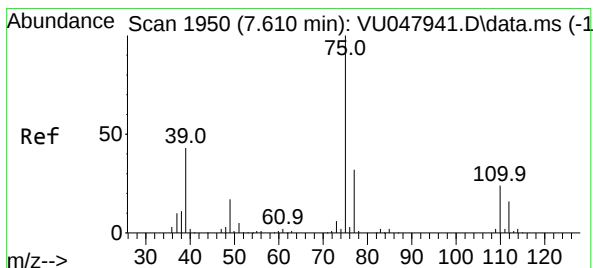
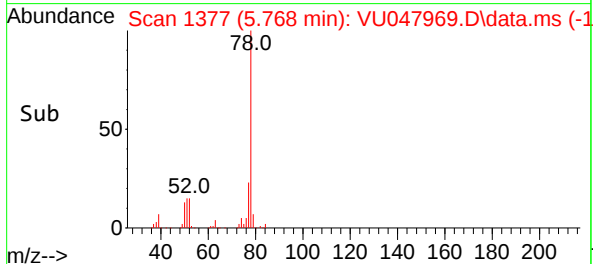
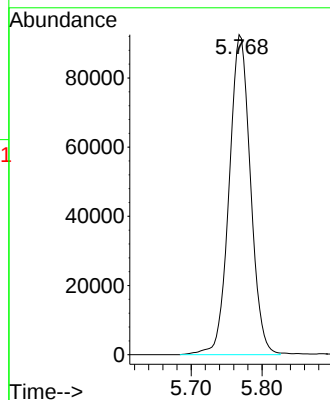
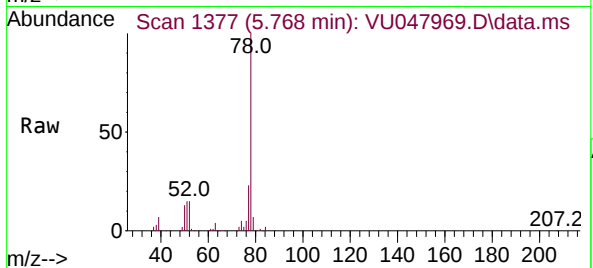
Acq: 12 Apr 2022 20:23

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 78 Resp: 193724



#39

cis-1,3-Dichloropropene

Concen: 0.701 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.045 min

Lab File: VU047969.D

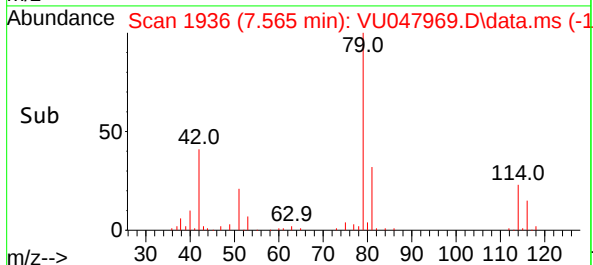
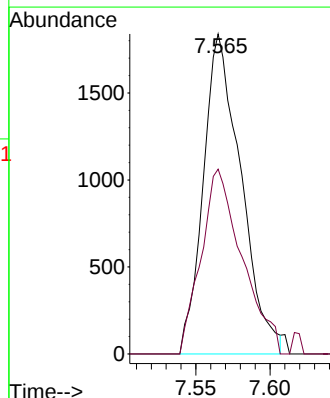
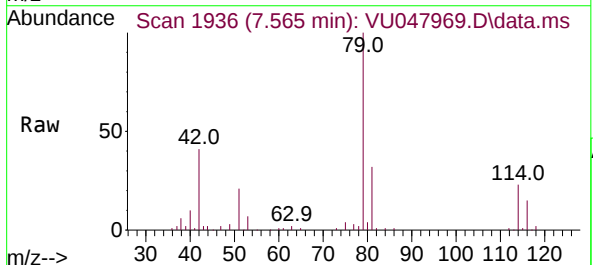
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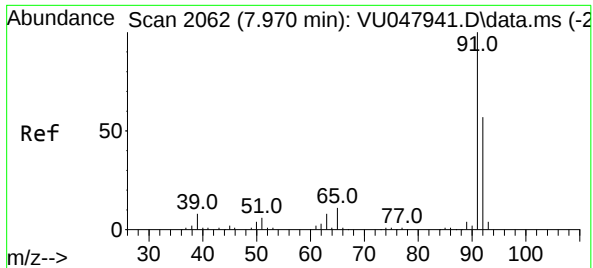
Tgt Ion: 75 Resp: 3233

Ion Ratio Lower Upper

75 100

77 57.7 21.8 40.6#

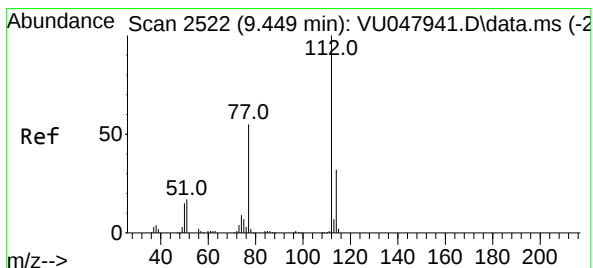
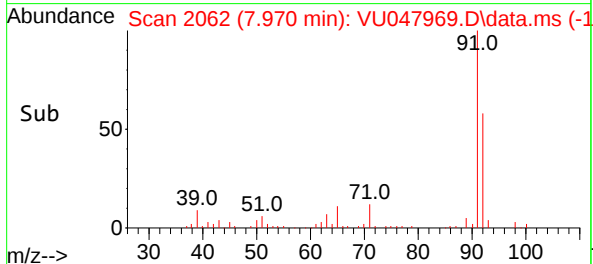
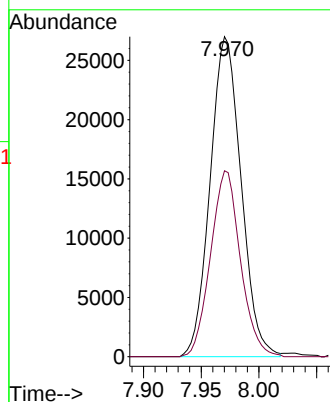
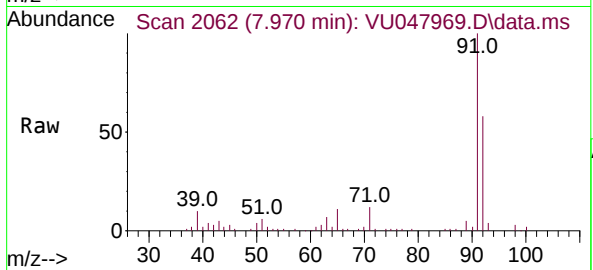




#42
Toluene
Concen: 3.923 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU047969.D
Acq: 12 Apr 2022 20:23

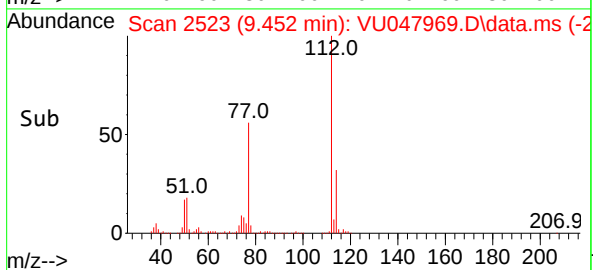
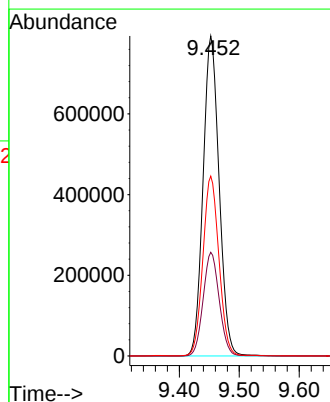
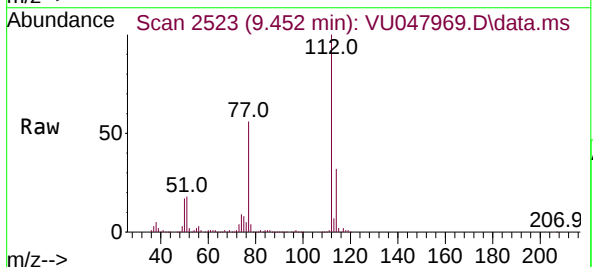
Instrument :
MSVOA_U
Client Sample Id :

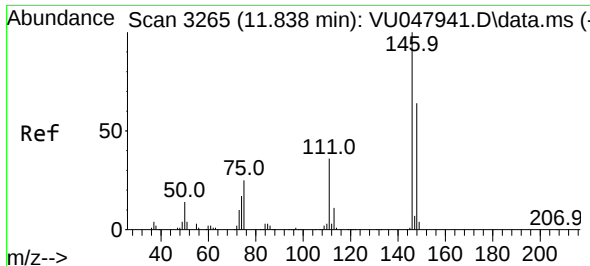
Tgt Ion: 91 Resp: 50343
Ion Ratio Lower Upper
91 100
92 58.1 40.4 75.0



#51
Chlorobenzene
Concen: 169.702 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. 0.003 min
Lab File: VU047969.D
Acq: 12 Apr 2022 20:23

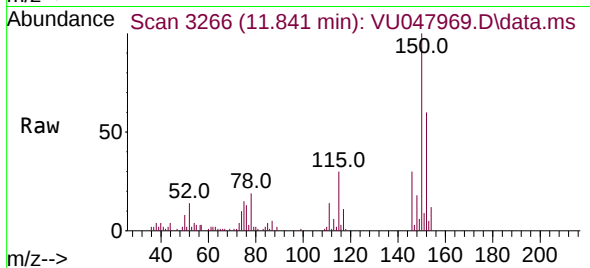
Tgt Ion: 112 Resp: 1478690
Ion Ratio Lower Upper
112 100
114 32.4 22.1 41.1
77 56.2 43.4 65.0



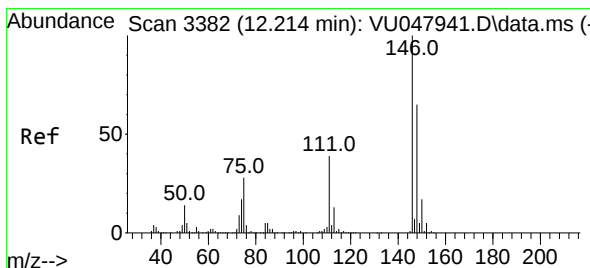
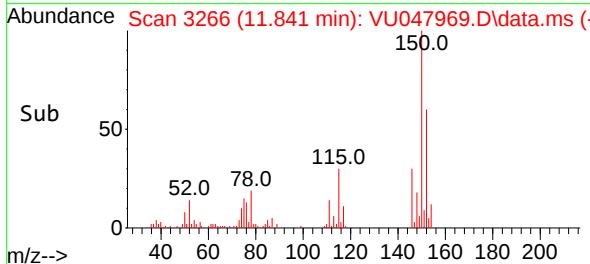
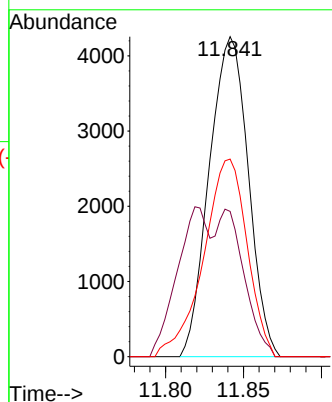


#65
1,4-Dichlorobenzene
Concen: 1.025 ug/L
RT: 11.841 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU047969.D
Acq: 12 Apr 2022 20:23

Instrument :
MSVOA_U
ClientSampleId :

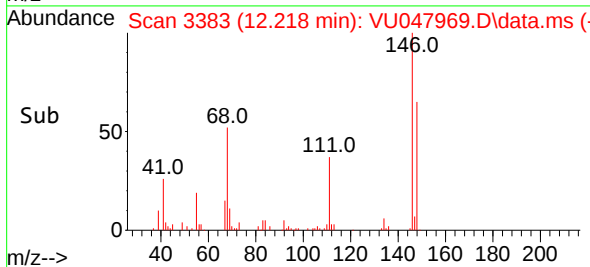
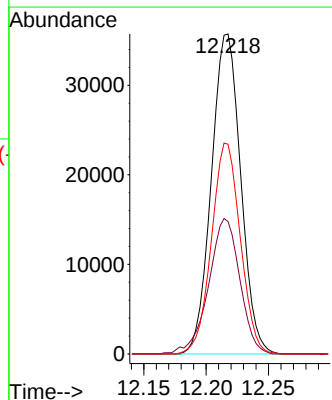
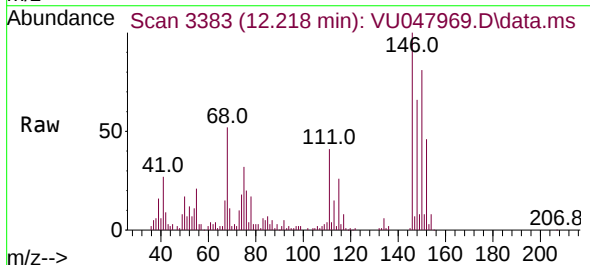


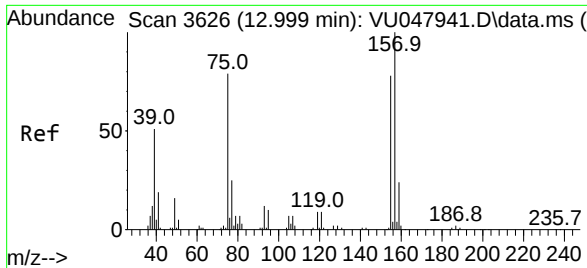
Tgt Ion:146 Resp: 7410
Ion Ratio Lower Upper
146 100
111 45.4 25.3 47.1
148 61.8 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 8.392 ug/L
RT: 12.218 min Scan# 3383
Delta R.T. 0.003 min
Lab File: VU047969.D
Acq: 12 Apr 2022 20:23

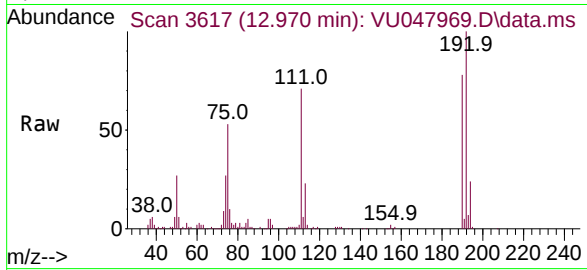
Tgt Ion:146 Resp: 58581
Ion Ratio Lower Upper
146 100
111 41.4 31.7 47.5
148 65.6 51.4 77.2





#68
1,2-Dibromo-3-chloropropane
Concen: 36.409 ug/L
RT: 12.970 min Scan# 30
Delta R.T. -0.029 min
Lab File: VU047969.D
Acq: 12 Apr 2022 20:23

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 51058
Ion Ratio Lower Upper
75 100
155 3.3 78.9 118.3#
157 2.3 97.5 146.3#

