

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
 Data File : VU047968.D
 Acq On : 12 Apr 2022 20:00
 Operator : SY/MD
 Sample : N2293-16ME
 Misc : 6.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 13 01:38:17 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)

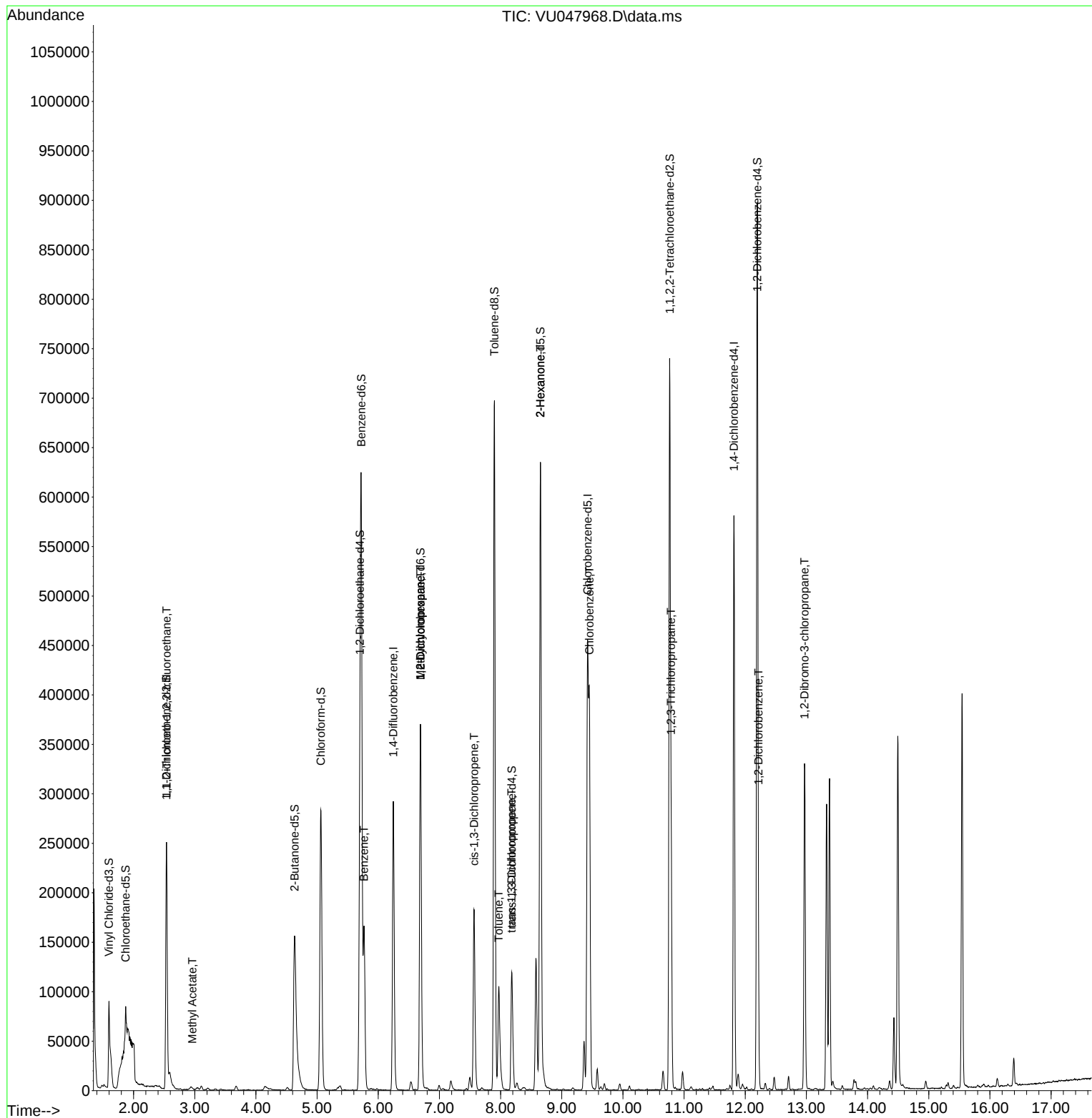
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	259071	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	286277	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	161707	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	113184	60.246	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 120.500%			
7) Chloroethane-d5	1.871	69	60404	40.776	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery = 81.560%			
11) 1,1-Dichloroethene-d2	2.536	63	164276	47.793	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery = 95.580%			
21) 2-Butanone-d5	4.633	46	311770	193.343	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 193.340%#			
24) Chloroform-d	5.060	84	281928	82.015	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 164.040%#			
26) 1,2-Dichloroethane-d4	5.700	65	188984	89.638	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 179.280%#			
32) Benzene-d6	5.723	84	553316	76.812	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 153.620%#			
36) 1,2-Dichloropropane-d6	6.690	67	190903	86.293	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 172.580%#			
41) Toluene-d8	7.899	98	491759	70.067	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 140.140%#			
43) trans-1,3-Dichloroprop...	8.182	79	82934	73.997	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 148.000%#			
47) 2-Hexanone-d5	8.652	63	256736	198.242	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 198.240%#			
56) 1,1,2,2-Tetrachloroeth...	10.764	84	351016	92.454	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 184.900%#			
66) 1,2-Dichlorobenzene-d4	12.198	152	249304	86.656	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 173.320%#			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.539	101	1531	0.802	ug/L #	18
15) Methyl Acetate	2.961	43	3024	1.264	ug/L #	65
33) Benzene	5.768	78	164046	19.797	ug/L	100
35) Methylcyclohexane	6.690	83	43977	13.306	ug/L #	21
37) 1,2-Dichloropropane	6.690	63	19572	9.291	ug/L #	87
39) cis-1,3-Dichloropropene	7.568	75	4773	1.460	ug/L #	62
42) Toluene	7.970	91	75325	8.285	ug/L	99
44) trans-1,3-Dichloropropene	8.179	75	3661	1.122	ug/L	83
48) 2-Hexanone	8.652	43	29698	10.370	ug/L #	65
51) Chlorobenzene	9.452	112	197855	32.049	ug/L	100
60) 1,2,3-Trichloropropane	10.787	75	7919	2.598	ug/L #	1
67) 1,2-Dichlorobenzene	12.214	146	13890	2.858	ug/L #	95
68) 1,2-Dibromo-3-chloropr...	12.970	75	50792	52.015	ug/L #	1

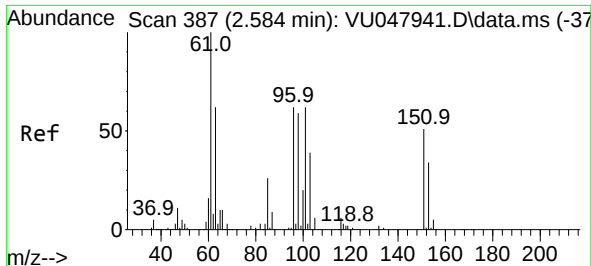
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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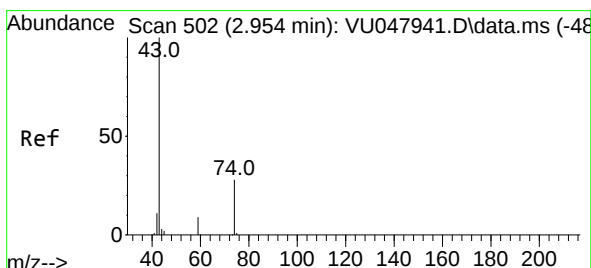
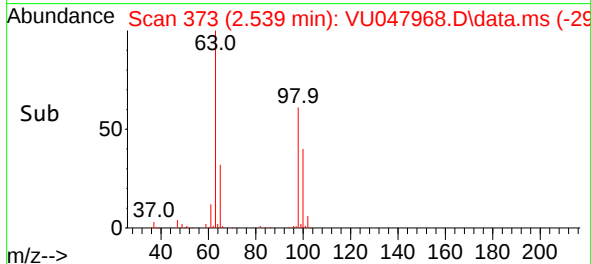
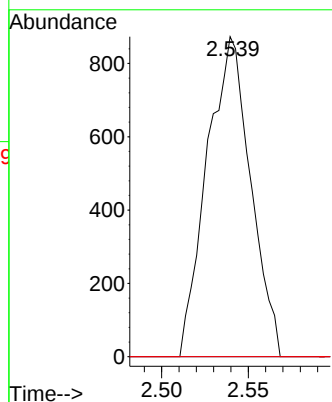
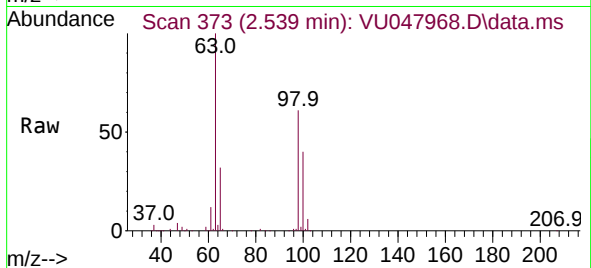




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.802 ug/L
 RT: 2.539 min Scan# 31
 Delta R.T. -0.045 min
 Lab File: VU047968.D
 Acq: 12 Apr 2022 20:00

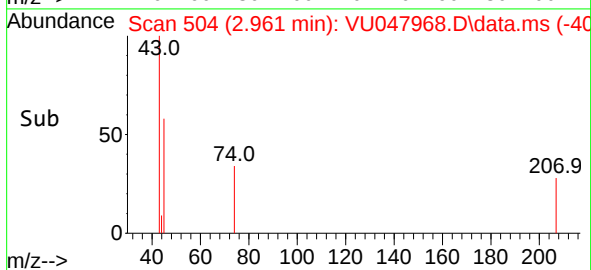
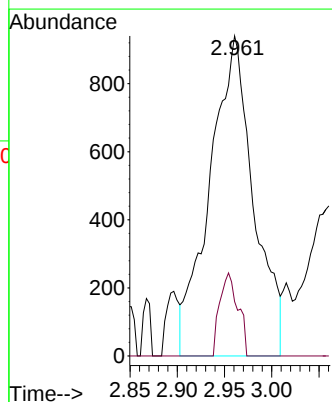
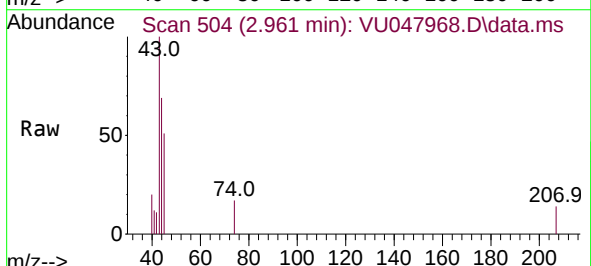
Instrument :
 MSVOA_U
 ClientSampleId :

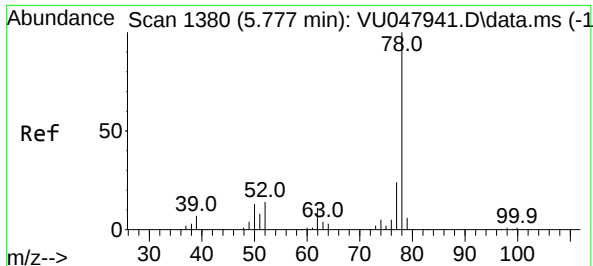
Tgt Ion:101 Resp: 1531
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.8 49.2#
 151 0.0 63.0 94.6#



#15
 Methyl Acetate
 Concen: 1.264 ug/L
 RT: 2.961 min Scan# 504
 Delta R.T. 0.007 min
 Lab File: VU047968.D
 Acq: 12 Apr 2022 20:00

Tgt Ion: 43 Resp: 3024
 Ion Ratio Lower Upper
 43 100
 74 9.2 22.2 33.2#

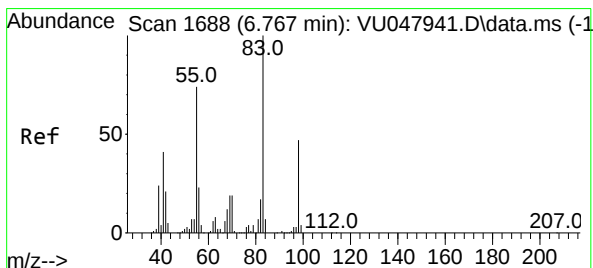
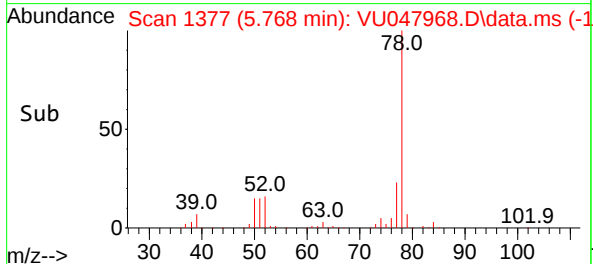
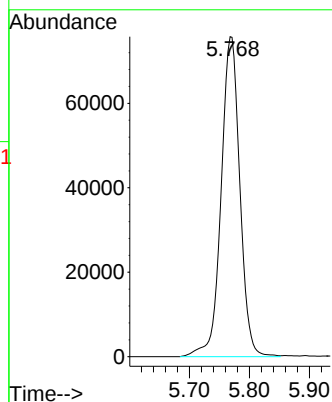
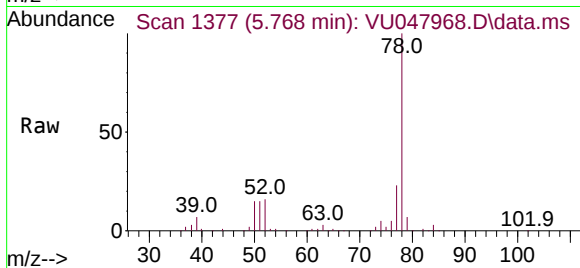




#33
Benzene
Concen: 19.797 ug/L
RT: 5.768 min Scan# 1377
Delta R.T. -0.010 min
Lab File: VU047968.D
Acq: 12 Apr 2022 20:00

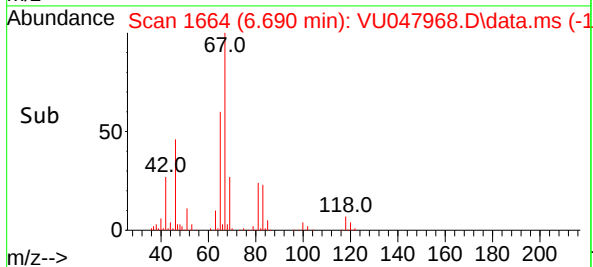
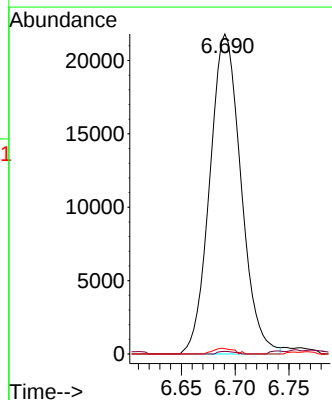
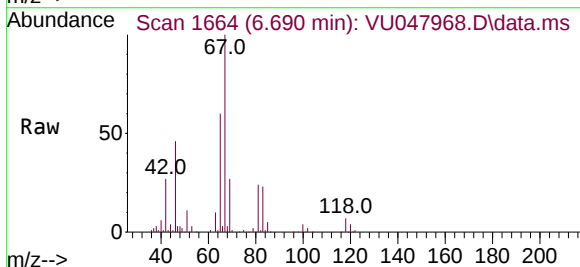
Instrument :
MSVOA_U
ClientSampleId :

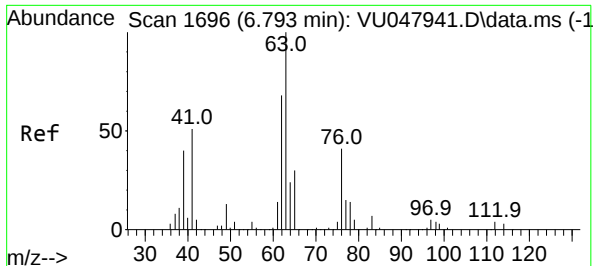
Tgt Ion: 78 Resp: 164046



#35
Methylcyclohexane
Concen: 13.306 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.077 min
Lab File: VU047968.D
Acq: 12 Apr 2022 20:00

Tgt Ion: 83 Resp: 43977
Ion Ratio Lower Upper
83 100
55 0.4 56.8 85.2#
98 1.1 38.1 57.1#





#37

1,2-Dichloropropane

Concen: 9.291 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU047968.D

Acq: 12 Apr 2022 20:00

Instrument :

MSVOA_U

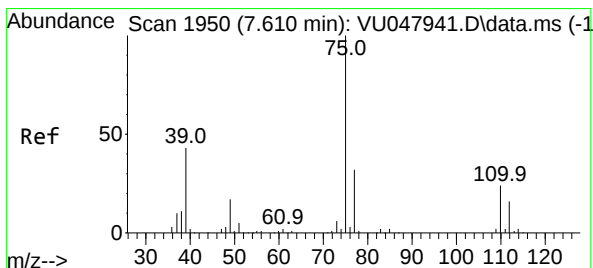
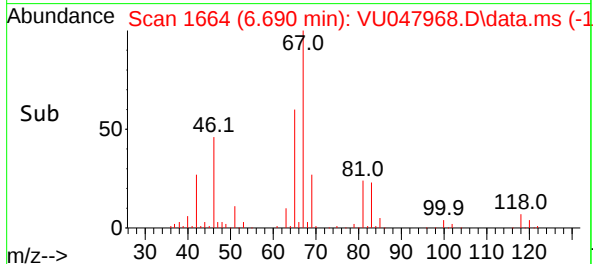
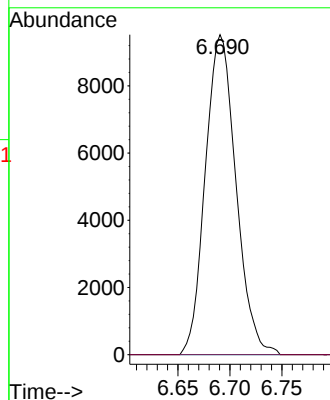
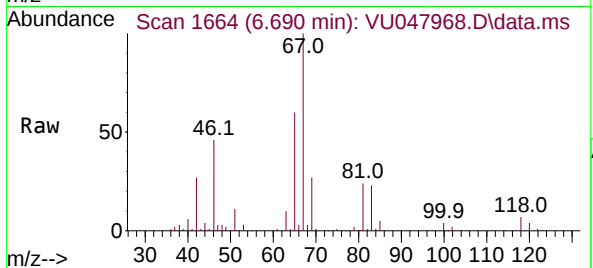
ClientSampleId :

Tgt Ion: 63 Resp: 19572

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#39

cis-1,3-Dichloropropene

Concen: 1.460 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU047968.D

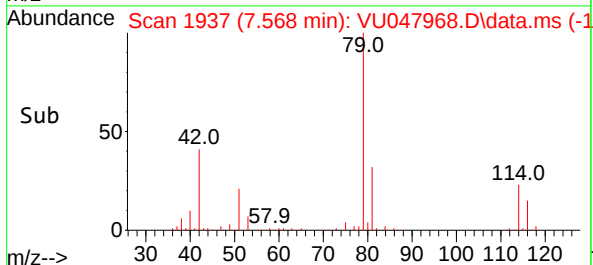
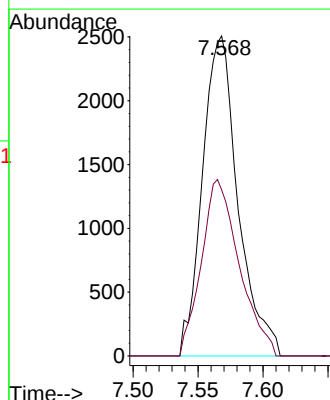
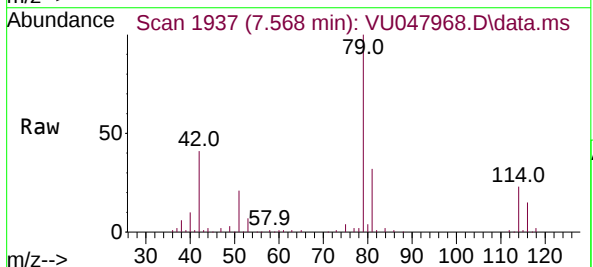
Acq: 12 Apr 2022 20:00

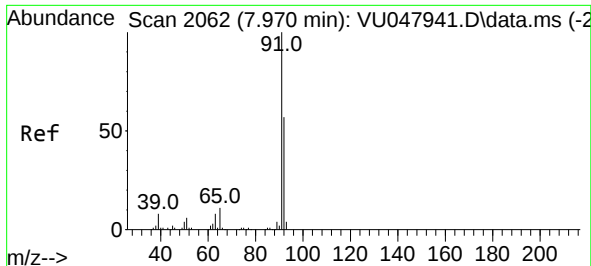
Tgt Ion: 75 Resp: 4773

Ion Ratio Lower Upper

75 100

77 51.9 21.8 40.6#

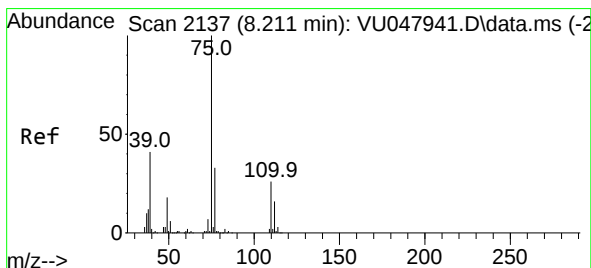
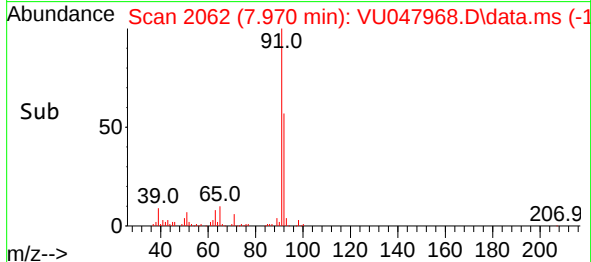
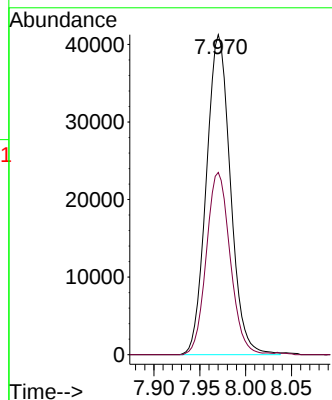
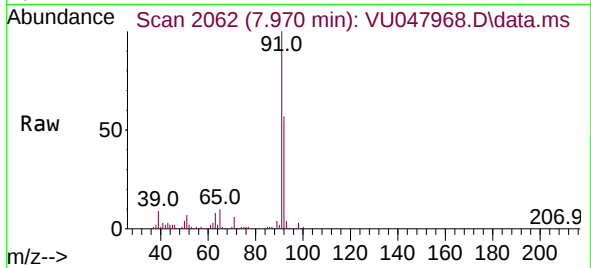




#42
Toluene
Concen: 8.285 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU047968.D
Acq: 12 Apr 2022 20:00

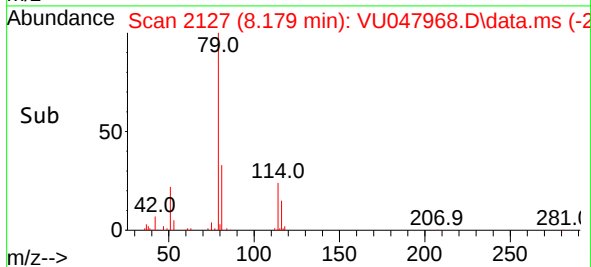
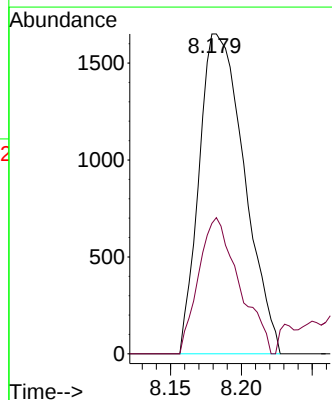
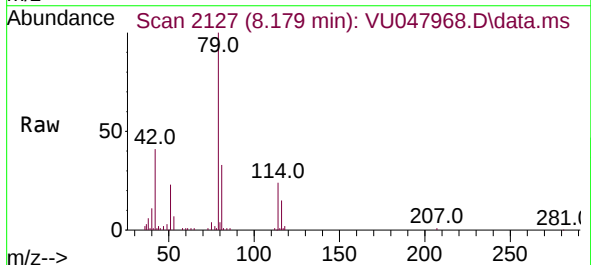
Instrument :
MSVOA_U
ClientSampleId :

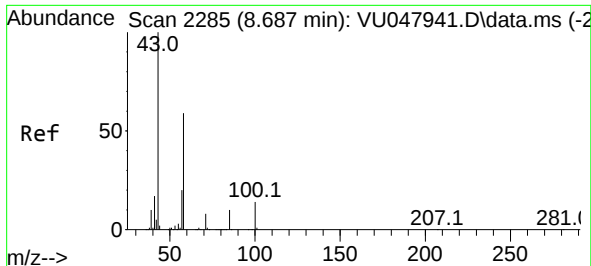
Tgt Ion: 91 Resp: 75325
Ion Ratio Lower Upper
91 100
92 56.9 40.4 75.0



#44
trans-1,3-Dichloropropene
Concen: 1.122 ug/L
RT: 8.179 min Scan# 2127
Delta R.T. -0.032 min
Lab File: VU047968.D
Acq: 12 Apr 2022 20:00

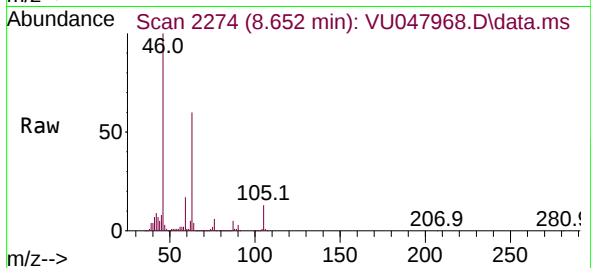
Tgt Ion: 75 Resp: 3661
Ion Ratio Lower Upper
75 100
77 40.8 22.0 40.8



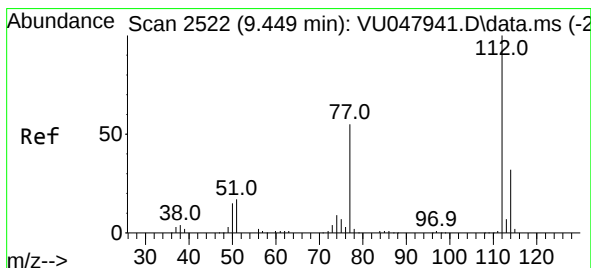
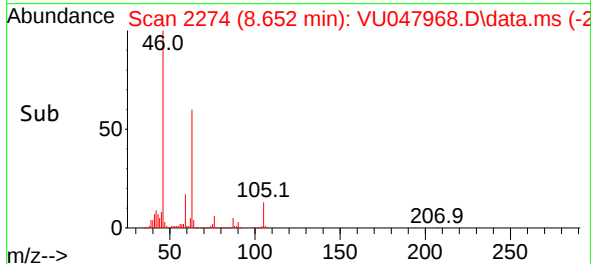
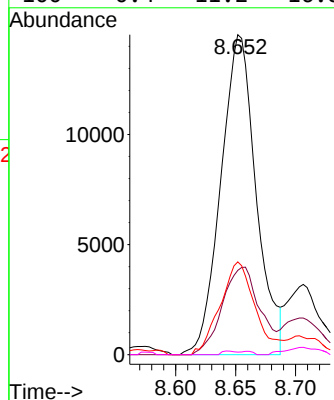


#48
2-Hexanone
Concen: 10.370 ug/L
RT: 8.652 min Scan# 21
Delta R.T. -0.035 min
Lab File: VU047968.D
Acq: 12 Apr 2022 20:00

Instrument :
MSVOA_U
ClientSampleId :

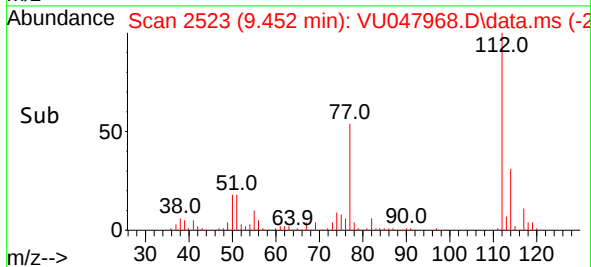
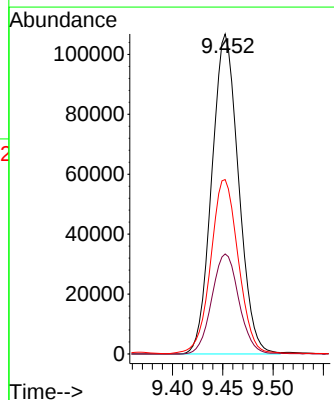
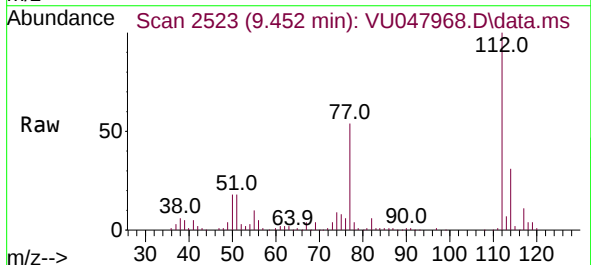


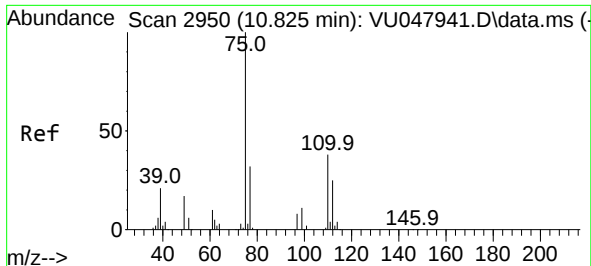
Tgt Ion: 43	Resp: 29698
Ion Ratio	Lower Upper
43 100	
58 29.2	48.1 72.1#
57 29.2	16.2 24.4#
100 0.4	11.2 16.8#



#51
Chlorobenzene
Concen: 32.049 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. 0.003 min
Lab File: VU047968.D
Acq: 12 Apr 2022 20:00

Tgt Ion:112	Resp:	197855	
Ion	Ratio	Lower	Upper
112	100		
114	31.2	22.1	41.1
77	54.5	43.4	65.0

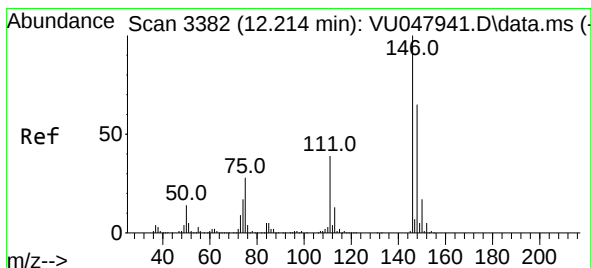
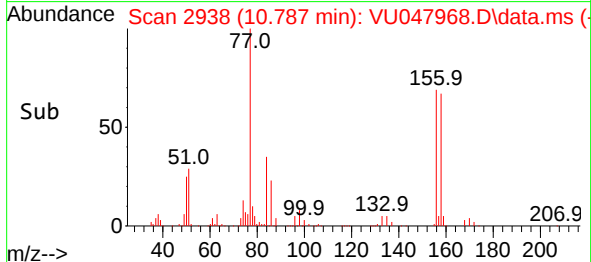
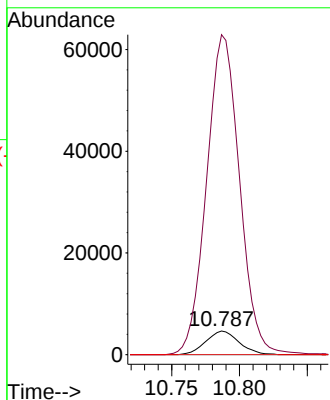
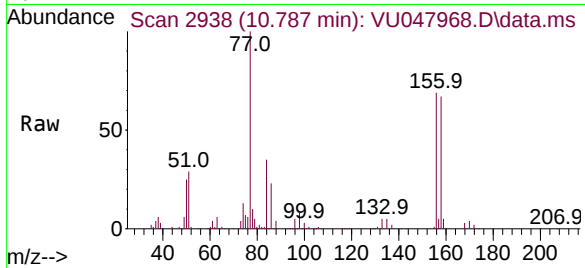




#60
 1,2,3-Trichloropropane
 Concen: 2.598 ug/L
 RT: 10.787 min Scan# 2950
 Delta R.T. -0.038 min
 Lab File: VU047968.D
 Acq: 12 Apr 2022 20:00

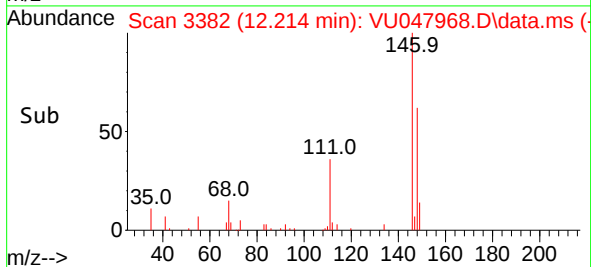
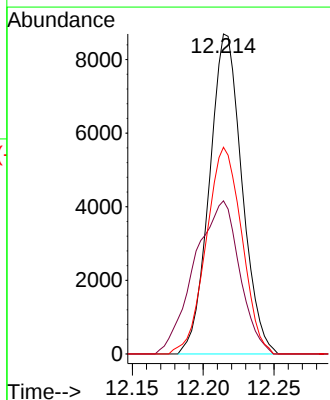
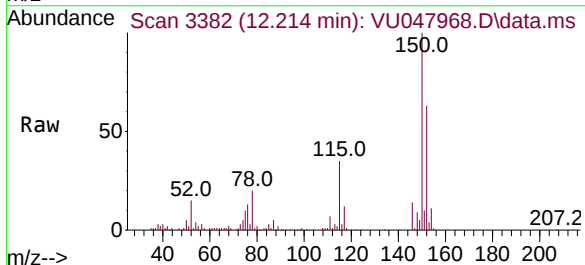
Instrument :
 MSVOA_U
 ClientSampleId :

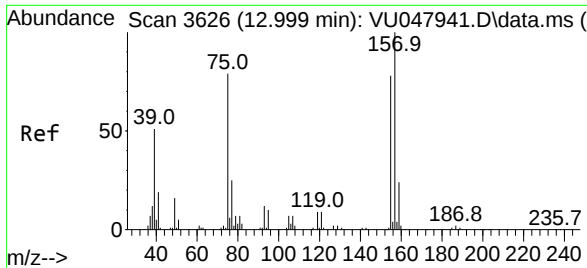
Tgt Ion: 75 Resp: 7919
 Ion Ratio Lower Upper
 75 100
 77 1345.7 26.0 39.0#
 110 0.0 31.4 47.2#



#67
 1,2-Dichlorobenzene
 Concen: 2.858 ug/L
 RT: 12.214 min Scan# 3382
 Delta R.T. 0.000 min
 Lab File: VU047968.D
 Acq: 12 Apr 2022 20:00

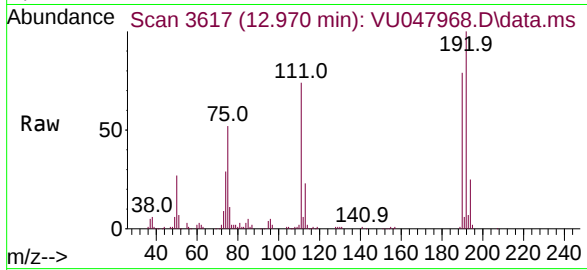
Tgt Ion:146 Resp: 13890
 Ion Ratio Lower Upper
 146 100
 111 47.8 31.7 47.5#
 148 64.6 51.4 77.2





#68
 1,2-Dibromo-3-chloropropane
 Concen: 52.015 ug/L
 RT: 12.970 min Scan# 30
 Delta R.T. -0.029 min
 Lab File: VU047968.D
 Acq: 12 Apr 2022 20:00

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 50792
 Ion Ratio Lower Upper
 75 100
 155 2.7 78.9 118.3#
 157 2.6 97.5 146.3#

