

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110921\
 Data File : VV023325.D
 Acq On : 10 Nov 2021 12:12
 Operator : SY/MD
 Sample : M4534-12DL 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 11 00:40:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 11 00:38:57 2021
 Response via : Initial Calibration

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

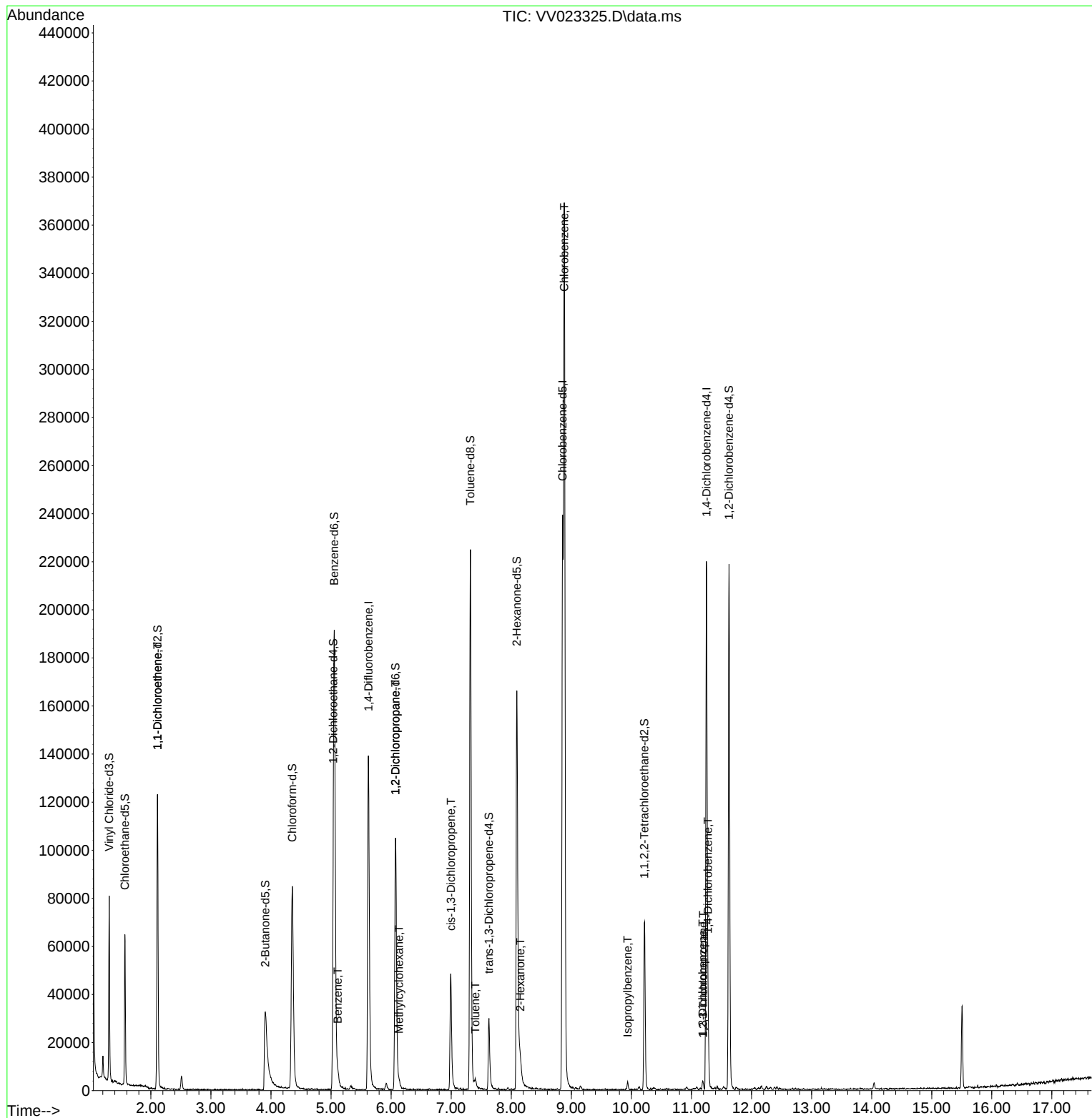
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	120713	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	124673	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	59025	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	46038	6.088	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	121.800%	
7) Chloroethane-d5	1.568	69	37207	6.037	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	120.800%	
11) 1,1-Dichloroethene-d2	2.111	63	62216	4.395	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	87.800%	
20) 2-Butanone-d5	3.905	46	73321	56.278	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	112.560%	
24) Chloroform-d	4.355	84	87591	5.435	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	108.600%	
26) 1,2-Dichloroethane-d4	5.037	65	40648	5.609	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	112.200%	
32) Benzene-d6	5.053	84	171134	5.350	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	107.000%	
36) 1,2-Dichloropropane-d6	6.072	67	52165	5.540	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	110.800%	
41) Toluene-d8	7.320	98	149782	4.997	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.000%	
43) trans-1,3-Dichloroprop...	7.628	79	18323	5.132	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	102.600%	
46) 2-Hexanone-d5	8.091	63	60170	45.801	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	91.600%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	33279	4.914	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	98.200%	
66) 1,2-Dichlorobenzene-d4	11.625	152	56044	5.702	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	114.000%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.111	96	614	0.085	ug/L #	1
33) Benzene	5.111	78	4933	0.142	ug/L	100
35) Methylcyclohexane	6.130	83	1032	0.071	ug/L #	78
37) 1,2-Dichloropropane	6.072	63	5874	0.722	ug/L #	83
39) cis-1,3-Dichloropropene	6.995	75	1481	0.127	ug/L #	59
42) Toluene	7.400	91	2946	0.079	ug/L	98
48) 2-Hexanone	8.152	43	5312	2.009	ug/L #	70
51) Chlorobenzene	8.882	112	195881	7.907	ug/L	99
60) Isopropylbenzene	9.937	105	2140	0.063	ug/L #	82
61) 1,2,3-Trichloropropane	11.194	75	555	0.142	ug/L #	38
64) 1,3-Dichlorobenzene	11.188	146	1738	0.100	ug/L	91
65) 1,4-Dichlorobenzene	11.275	146	11606	0.657	ug/L	95

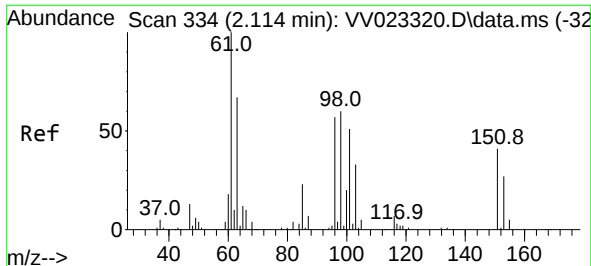
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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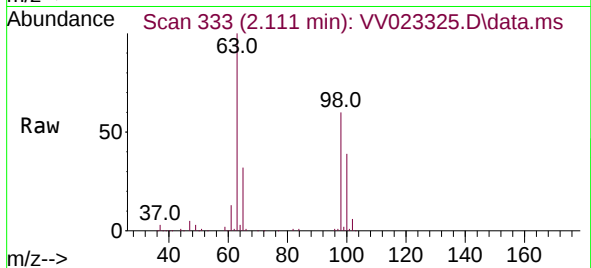
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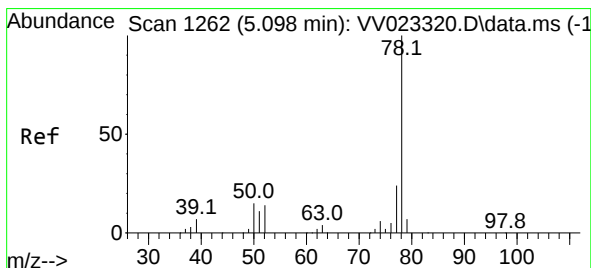
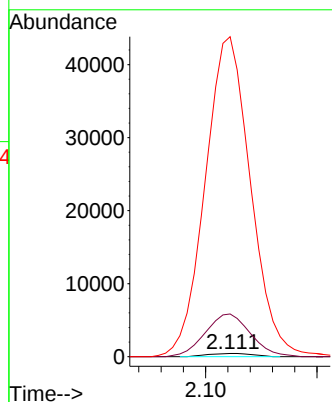
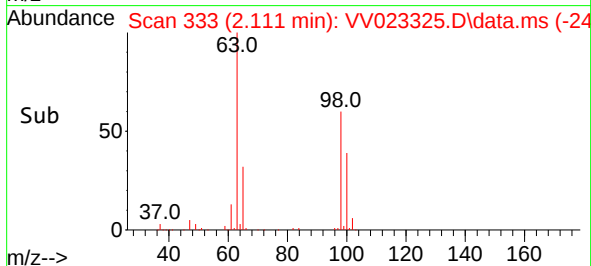


#12
1,1-Dichloroethene
Concen: 0.085 ug/L
RT: 2.111 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV023325.D
Acq: 10 Nov 2021 12:12

Instrument :
MSVOA_V
ClientSampleId :

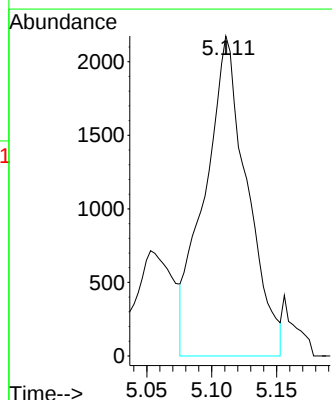
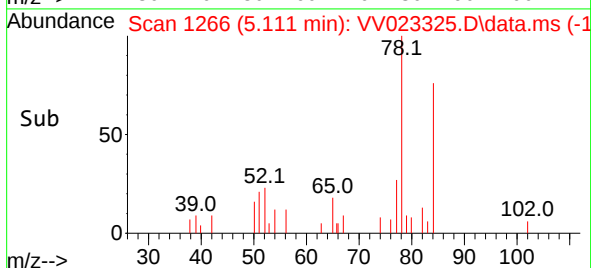
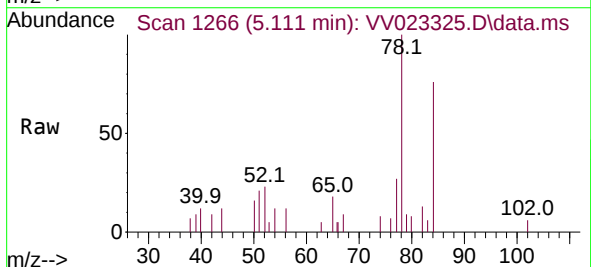


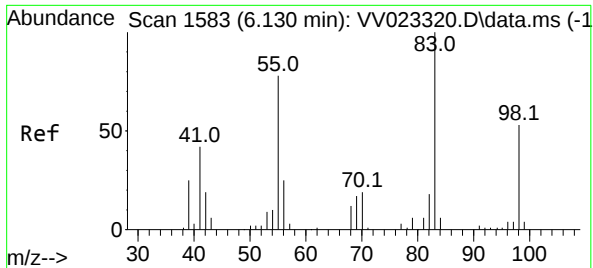
Tgt Ion: 96 Resp: 614
Ion Ratio Lower Upper
96 100
61 1342.8 121.5 225.7#
63 10074.5 99.6 185.0#



#33
Benzene
Concen: 0.142 ug/L
RT: 5.111 min Scan# 1266
Delta R.T. 0.013 min
Lab File: VV023325.D
Acq: 10 Nov 2021 12:12

Tgt Ion: 78 Resp: 4933

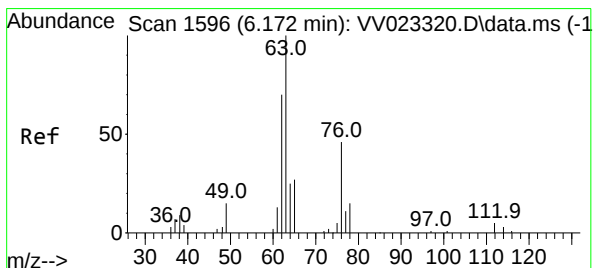
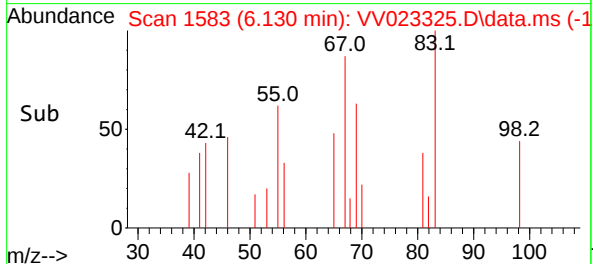
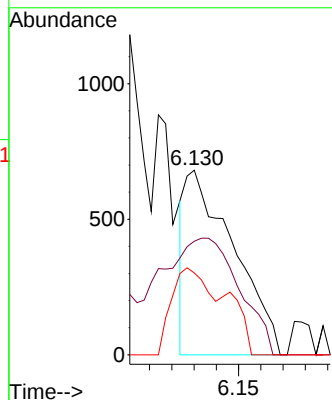
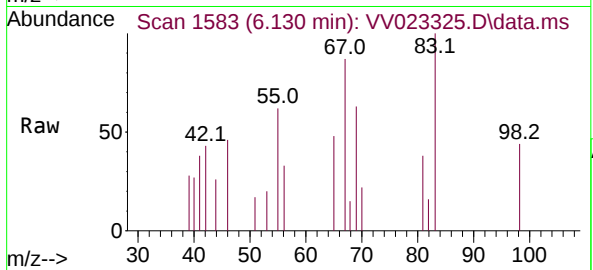




#35
Methylcyclohexane
Concen: 0.071 ug/L
RT: 6.130 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV023325.D
Acq: 10 Nov 2021 12:12

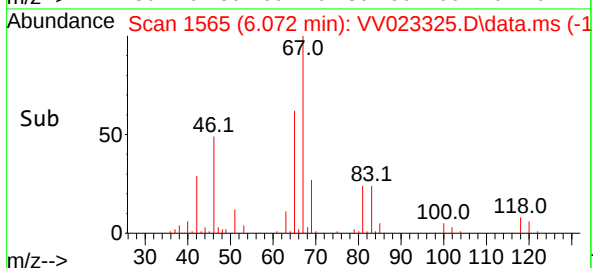
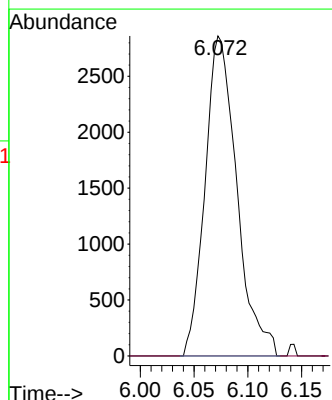
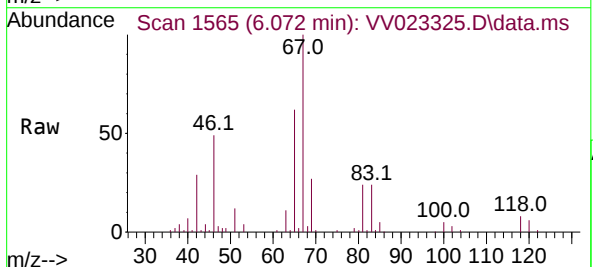
Instrument :
MSVOA_V
ClientSampleId :

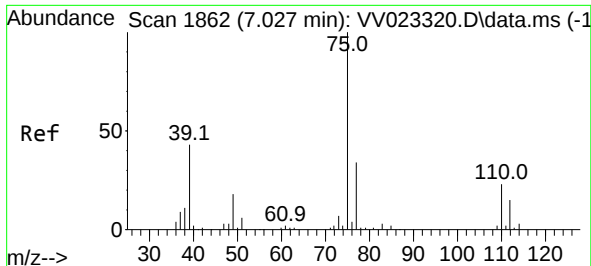
Tgt Ion: 83 Resp: 1032
Ion Ratio Lower Upper
83 100
55 101.8 62.8 94.2#
98 37.0 37.9 56.9#



#37
1,2-Dichloropropane
Concen: 0.722 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.100 min
Lab File: VV023325.D
Acq: 10 Nov 2021 12:12

Tgt Ion: 63 Resp: 5874
Ion Ratio Lower Upper
63 100
112 0.0 4.6 6.8#





#39

cis-1,3-Dichloropropene

Concen: 0.127 ug/L

RT: 6.995 min Scan# 1852

Delta R.T. -0.032 min

Lab File: VV023325.D

Acq: 10 Nov 2021 12:12

Instrument :

MSVOA_V

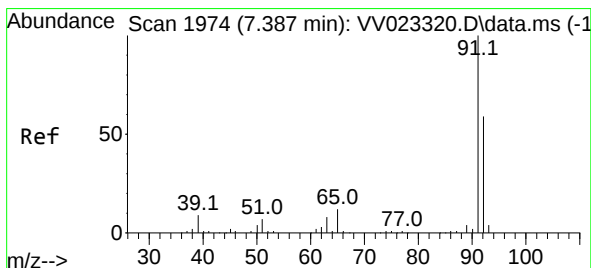
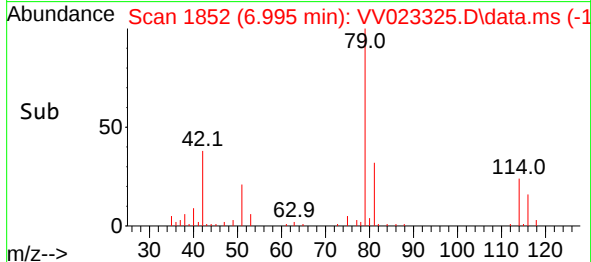
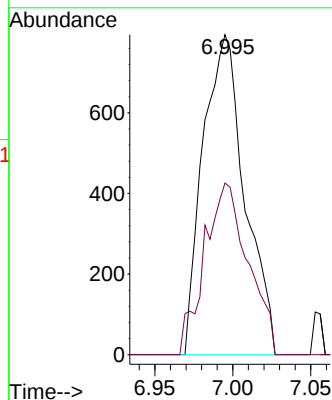
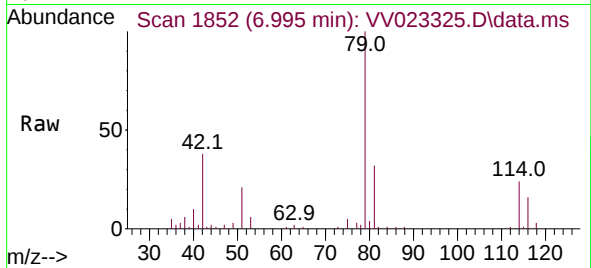
ClientSampleId :

Tgt Ion: 75 Resp: 1481

Ion Ratio Lower Upper

75 100

77 53.7 21.6 40.2#



#42

Toluene

Concen: 0.079 ug/L

RT: 7.400 min Scan# 1978

Delta R.T. 0.013 min

Lab File: VV023325.D

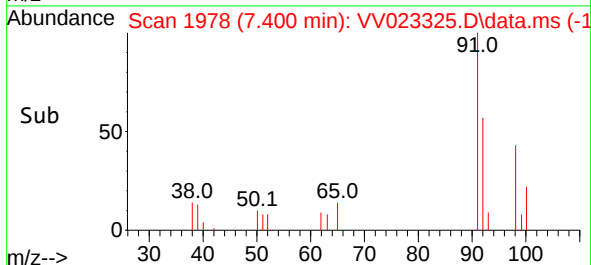
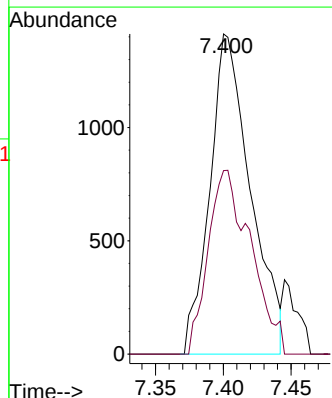
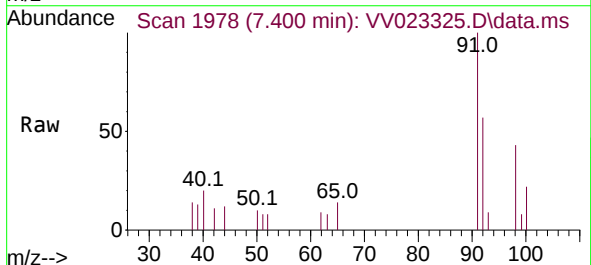
Acq: 10 Nov 2021 12:12

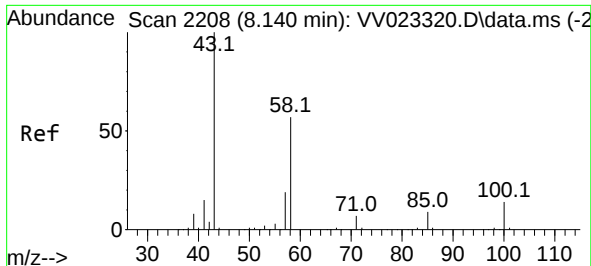
Tgt Ion: 91 Resp: 2946

Ion Ratio Lower Upper

91 100

92 57.3 39.3 72.9

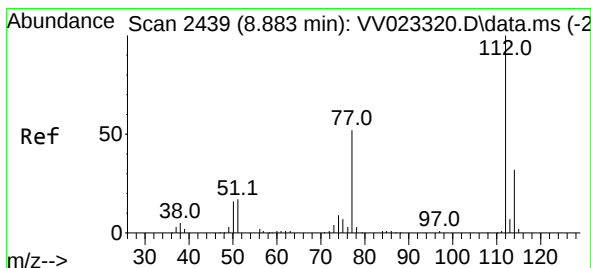
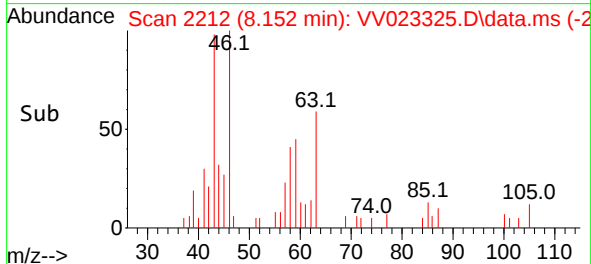
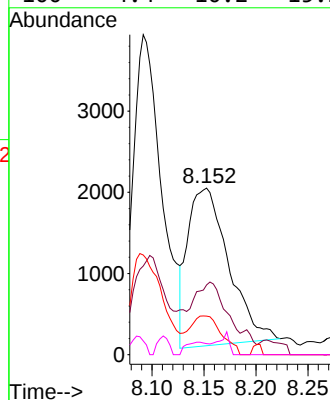
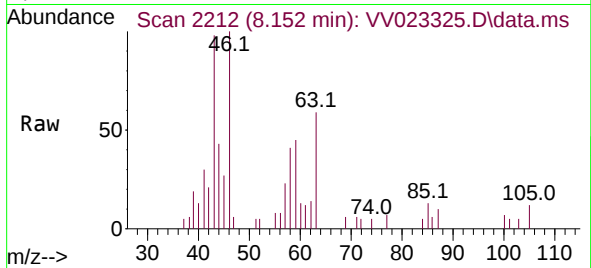




#48
2-Hexanone
Concen: 2.009 ug/L
RT: 8.152 min Scan# 2112
Delta R.T. 0.013 min
Lab File: VV023325.D
Acq: 10 Nov 2021 12:12

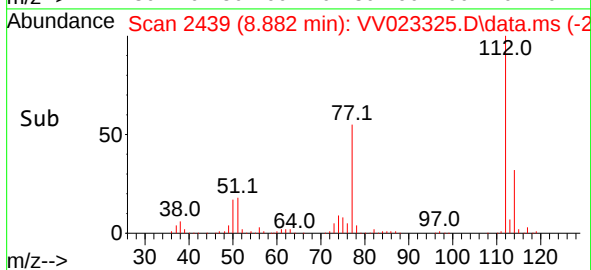
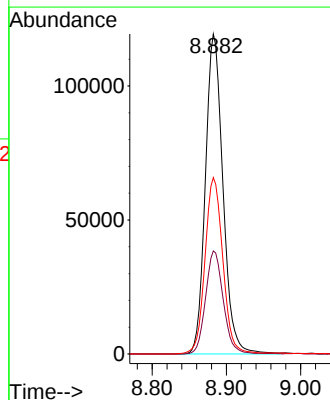
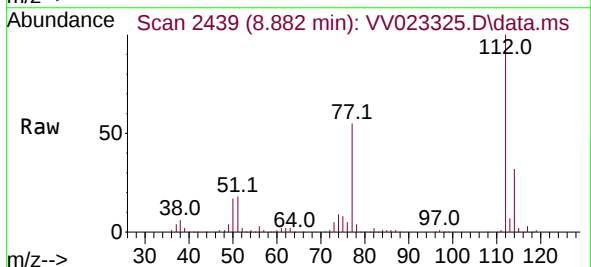
Instrument :
MSVOA_V
ClientSampleId :

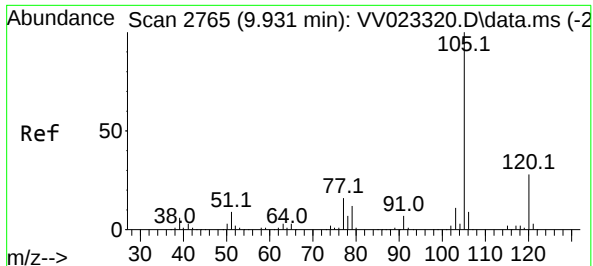
Tgt Ion: 43	Resp: 5312
Ion Ratio	Lower Upper
43 100	
58 25.1	43.7 65.5#
57 18.8	14.1 21.1
100 4.4	10.2 15.2#



#51
Chlorobenzene
Concen: 7.907 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VV023325.D
Acq: 10 Nov 2021 12:12

Tgt Ion:112	Resp:	195881	
Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.0	40.8
77	55.1	44.4	66.6

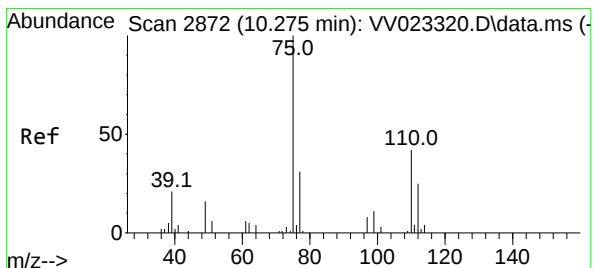
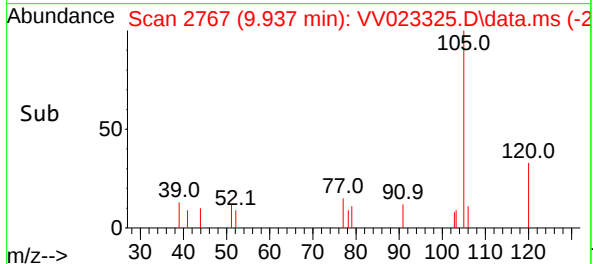
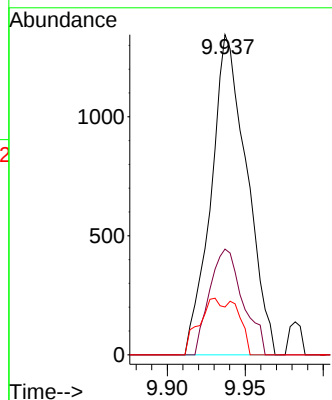
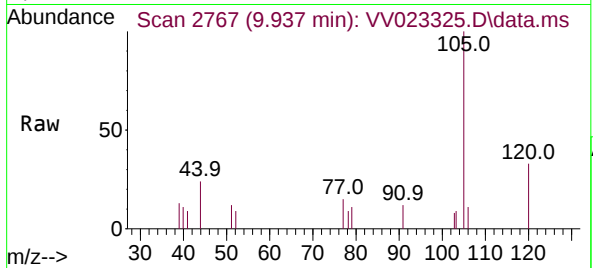




#60
Isopropylbenzene
Concen: 0.063 ug/L
RT: 9.937 min Scan# 2140
Delta R.T. 0.006 min
Lab File: VV023325.D
Acq: 10 Nov 2021 12:12

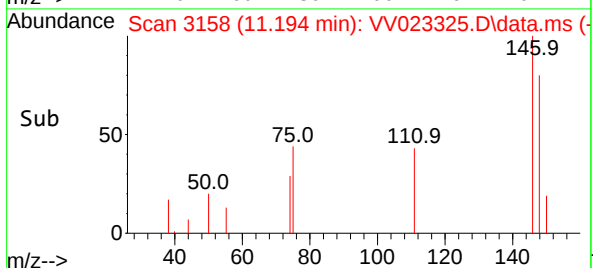
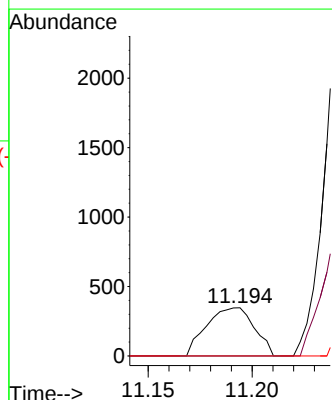
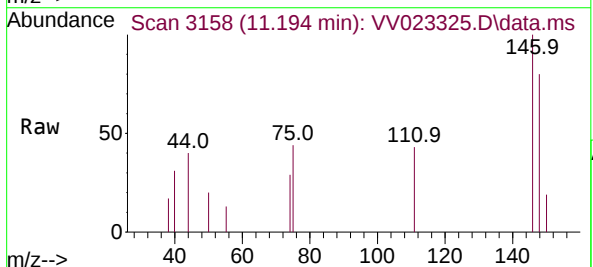
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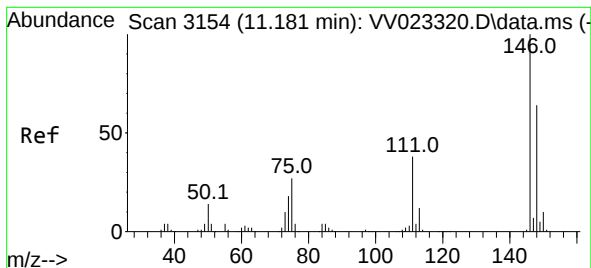
Tgt Ion:105 Resp: 2140
Ion Ratio Lower Upper
105 100
120 30.8 21.7 32.5
77 0.0 12.6 19.0#



#61
1,2,3-Trichloropropane
Concen: 0.142 ug/L
RT: 11.194 min Scan# 3158
Delta R.T. 0.919 min
Lab File: VV023325.D
Acq: 10 Nov 2021 12:12

Tgt Ion: 75 Resp: 555
Ion Ratio Lower Upper
75 100
77 0.0 26.6 39.8#
110 0.0 31.8 47.6#





#64

1,3-Dichlorobenzene

Concen: 0.100 ug/L

RT: 11.188 min Scan# 3154

Delta R.T. 0.006 min

Lab File: VV023325.D

Acq: 10 Nov 2021 12:12

Instrument :

MSVOA_V

ClientSampleId :

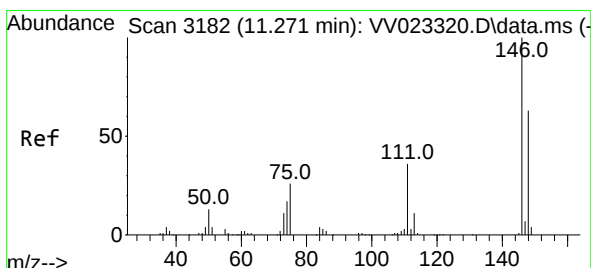
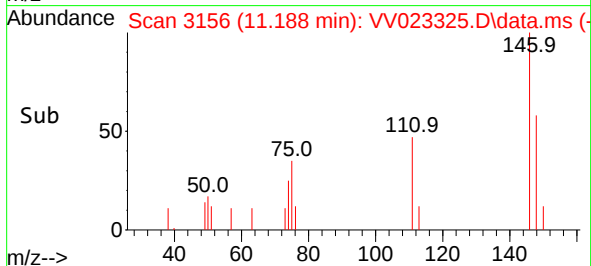
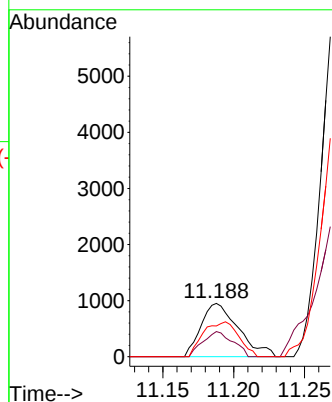
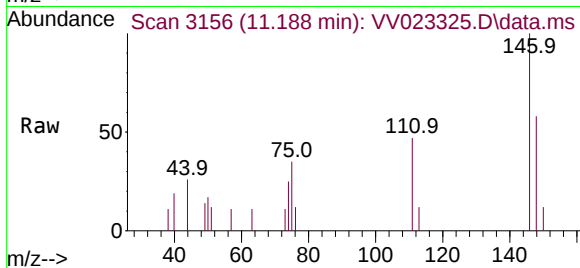
Tgt Ion:146 Resp: 1738

Ion Ratio Lower Upper

146 100

111 47.0 26.7 49.7

148 57.6 42.9 79.7



#65

1,4-Dichlorobenzene

Concen: 0.657 ug/L

RT: 11.275 min Scan# 3183

Delta R.T. 0.003 min

Lab File: VV023325.D

Acq: 10 Nov 2021 12:12

Tgt Ion:146 Resp: 11606

Ion Ratio Lower Upper

146 100

111 38.5 26.2 48.8

148 68.8 44.4 82.5

