

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120922\
 Data File : VW029553.D
 Acq On : 10 Dec 2022 03:53
 Operator : SY/MD
 Sample : N5915-05DL 100X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5N04DL

Quant Time: Dec 10 04:24:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 10 00:41:04 2022
 Response via : Initial Calibration

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

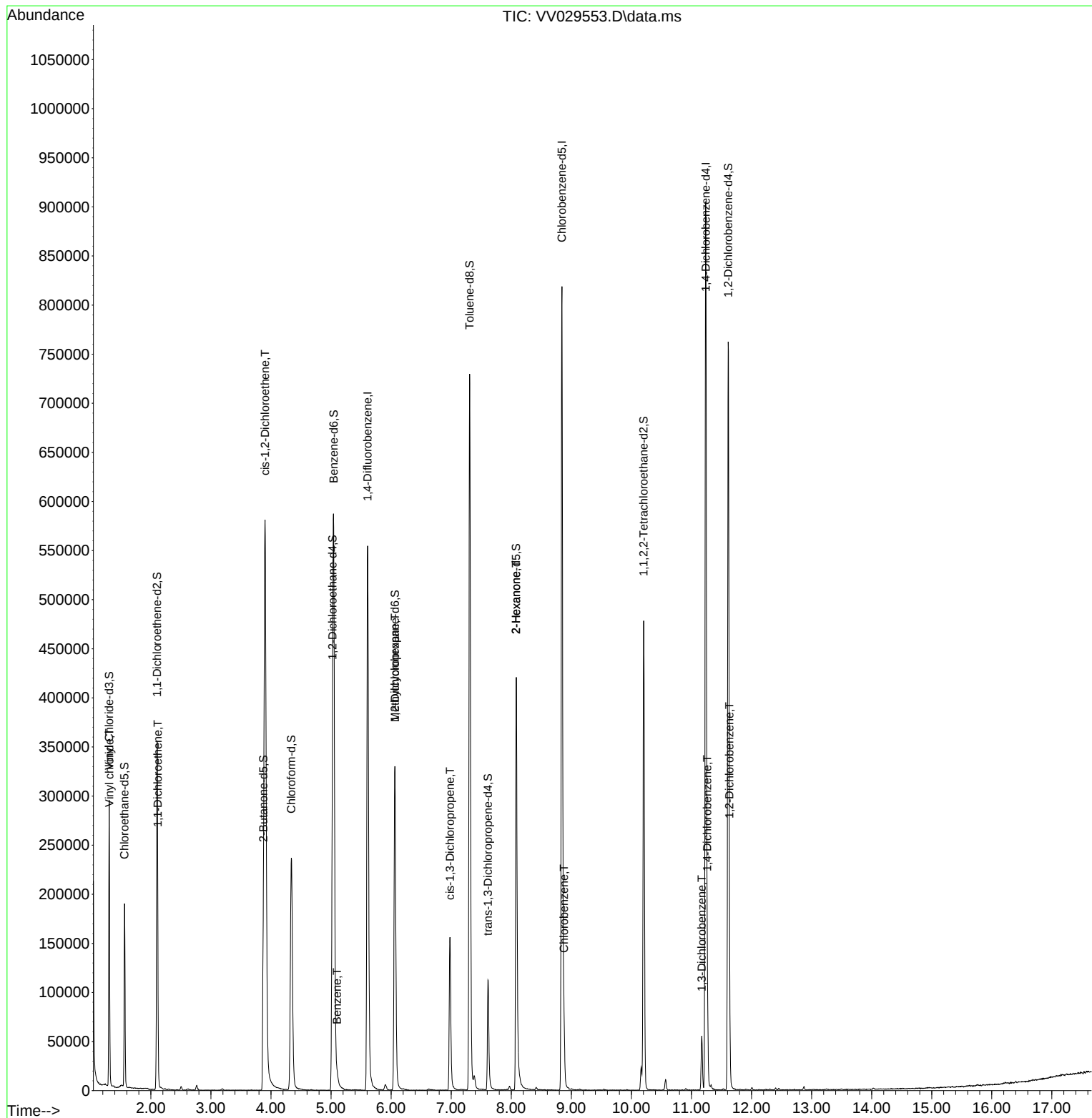
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	504364	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	471483	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	245977	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	134558	43.567	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	87.140%		
7) Chloroethane-d5	1.561	69	118194	50.187	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	100.380%		
11) 1,1-Dichloroethene-d2	2.105	63	180729	37.517	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	75.040%		
21) 2-Butanone-d5	3.873	46	194646	103.311	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	103.310%		
24) Chloroform-d	4.339	84	261006	44.908	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.820%		
26) 1,2-Dichloroethane-d4	5.024	65	155668	46.896	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.800%		
32) Benzene-d6	5.043	84	567020	45.514	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.020%		
36) 1,2-Dichloropropane-d6	6.063	67	174647	45.895	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.780%		
41) Toluene-d8	7.307	98	506504	43.149	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.300%		
43) trans-1,3-Dichloroprop...	7.612	79	68813	35.811	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	71.620%		
47) 2-Hexanone-d5	8.082	63	160035	98.484	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	98.480%		
56) 1,1,2,2-Tetrachloroeth...	10.204	84	242964	44.680	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.360%		
66) 1,2-Dichlorobenzene-d4	11.612	152	202600	43.268	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.540%		
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	54950	14.500	ug/L	96
12) 1,1-Dichloroethene	2.114	96	2786	1.033	ug/L #	1
20) cis-1,2-Dichloroethene	3.902	96	318125	93.133	ug/L	93
33) Benzene	5.098	78	9065	0.682	ug/L	100
35) Methylcyclohexane	6.063	83	41858	7.401	ug/L #	21
39) cis-1,3-Dichloropropene	6.982	75	3963	0.751	ug/L #	63
48) 2-Hexanone	8.082	43	15824	5.416	ug/L #	63
51) Chlorobenzene	8.876	112	41288	4.558	ug/L	100
64) 1,3-Dichlorobenzene	11.172	146	24092	3.412	ug/L	98
65) 1,4-Dichlorobenzene	11.262	146	45240	6.304	ug/L	99
67) 1,2-Dichlorobenzene	11.632	146	29167	4.039	ug/L	98

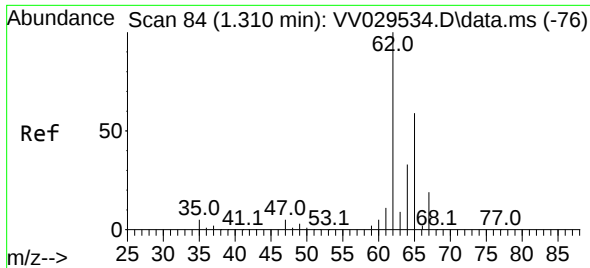
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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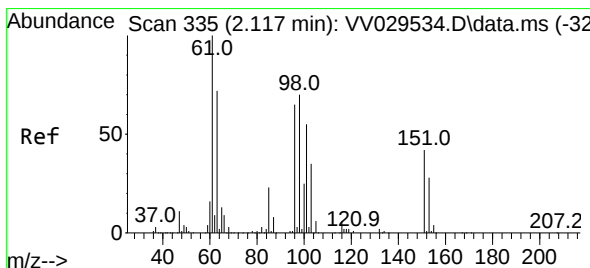
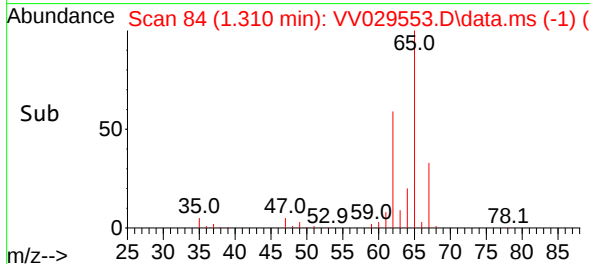
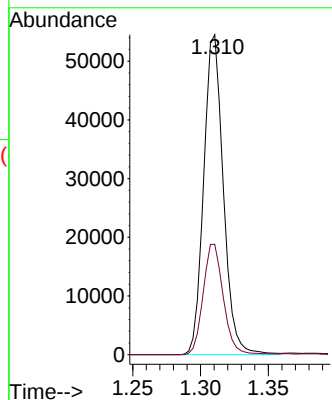
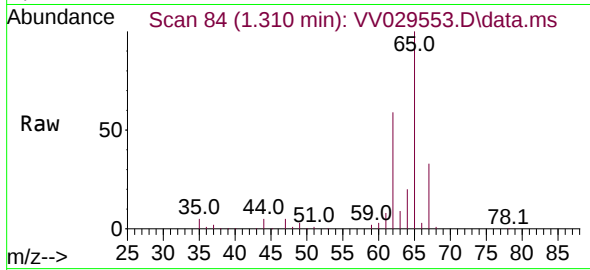




#5
 Vinyl chloride
 Concen: 14.500 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV029553.D
 Acq: 10 Dec 2022 03:53

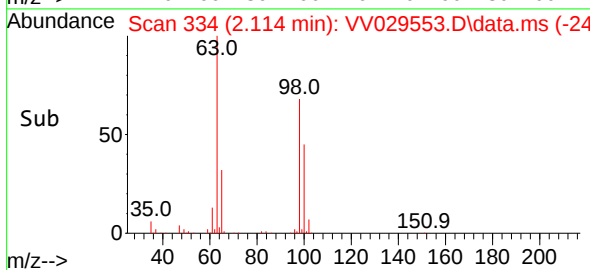
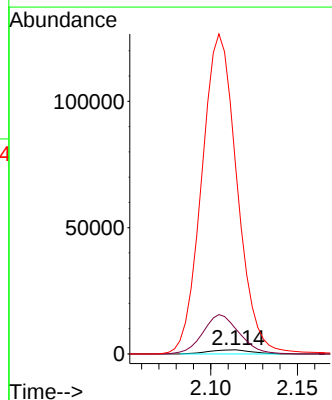
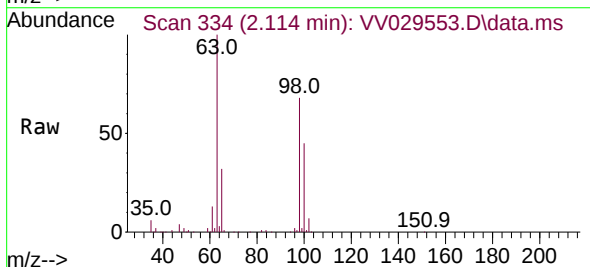
Instrument :
 MSVOA_V
 ClientSampleId :
 F5N04DL

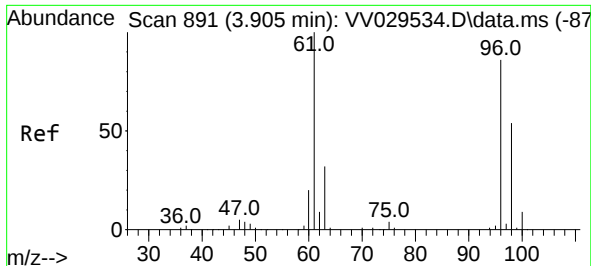
Tgt Ion: 62 Resp: 54950
 Ion Ratio Lower Upper
 62 100
 64 34.5 22.5 41.9



#12
 1,1-Dichloroethene
 Concen: 1.033 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.003 min
 Lab File: VV029553.D
 Acq: 10 Dec 2022 03:53

Tgt Ion: 96 Resp: 2786
 Ion Ratio Lower Upper
 96 100
 61 616.3 103.3 191.9#
 63 4598.1 77.3 143.7#

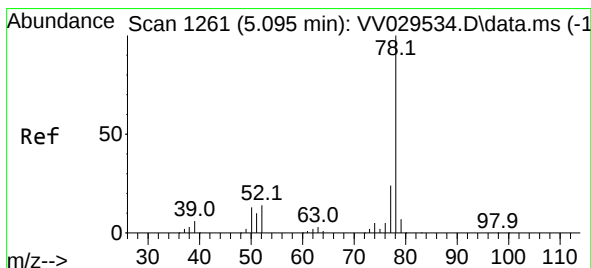
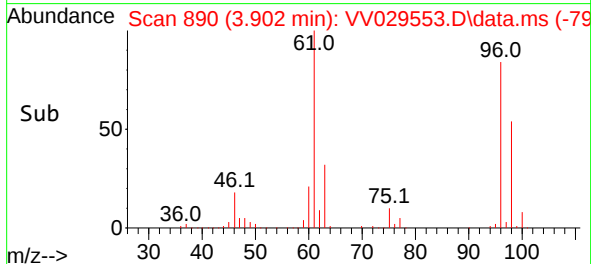
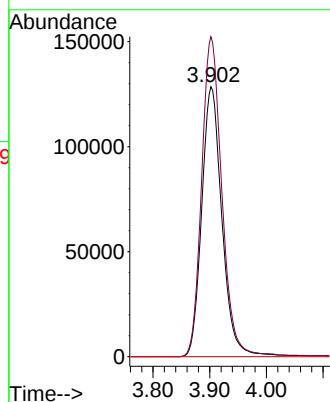
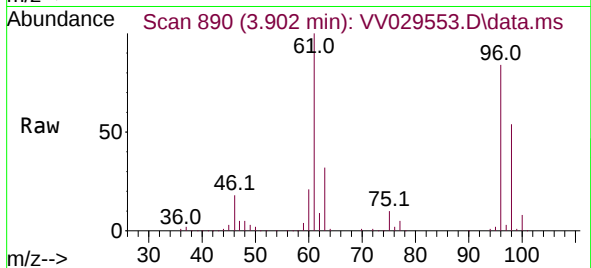




#20
 cis-1,2-Dichloroethene
 Concen: 93.133 ug/L
 RT: 3.902 min Scan# 891
 Delta R.T. -0.003 min
 Lab File: VV029553.D
 Acq: 10 Dec 2022 03:53

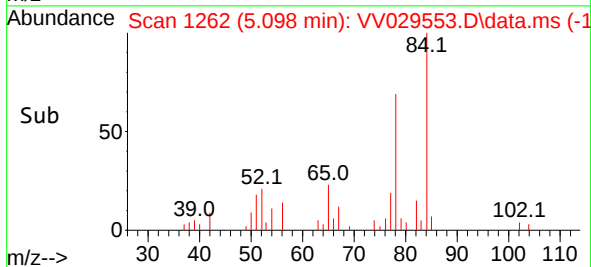
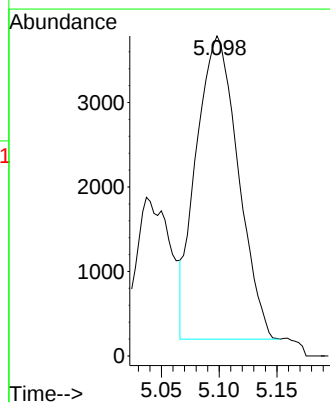
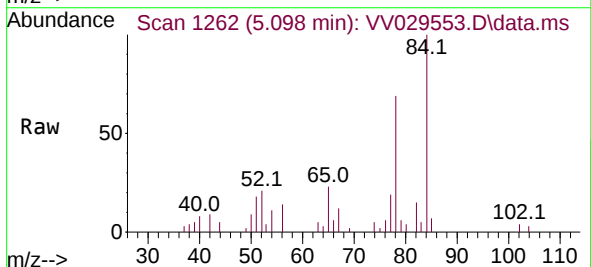
Instrument :
 MSVOA_V
 ClientSampleId :
 F5N04DL

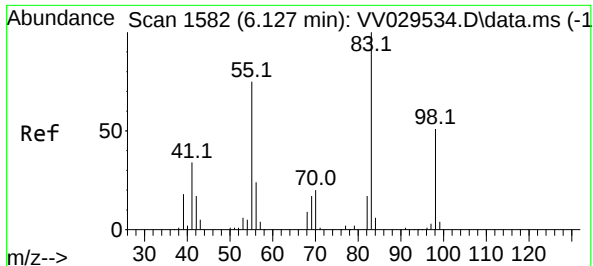
Tgt Ion: 96 Resp: 318125
 Ion Ratio Lower Upper
 96 100
 61 118.5 78.0 144.9
 68 0.0 0.0 0.0



#33
 Benzene
 Concen: 0.682 ug/L
 RT: 5.098 min Scan# 1262
 Delta R.T. 0.003 min
 Lab File: VV029553.D
 Acq: 10 Dec 2022 03:53

Tgt Ion: 78 Resp: 9065

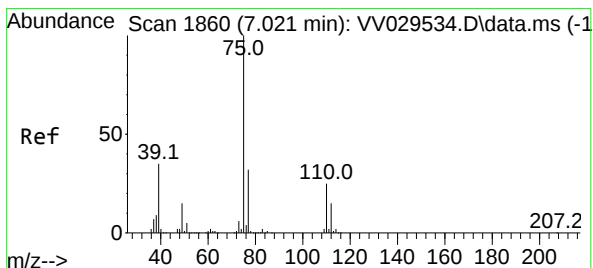
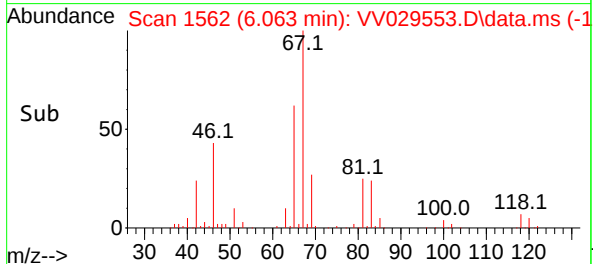
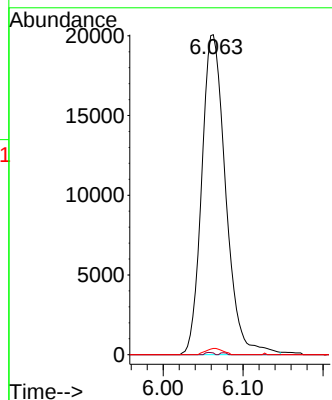
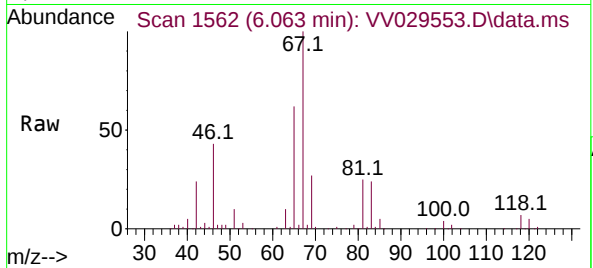




#35
Methylcyclohexane
Concen: 7.401 ug/L
RT: 6.063 min Scan# 11
Delta R.T. -0.064 min
Lab File: VV029553.D
Acq: 10 Dec 2022 03:53

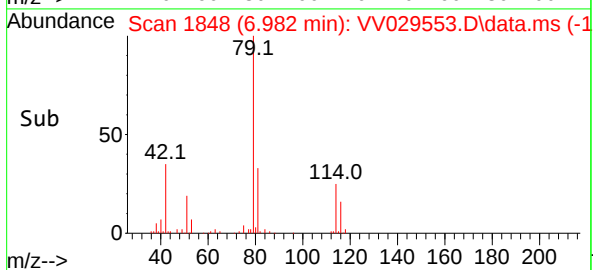
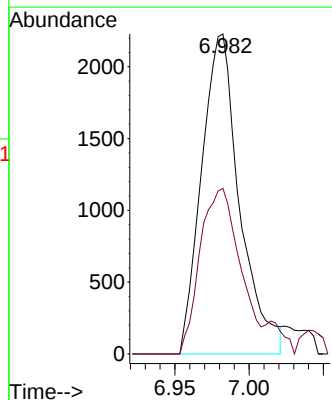
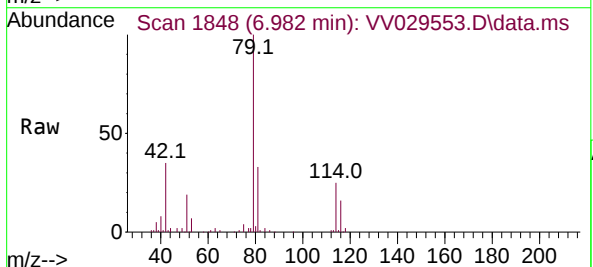
Instrument :
MSVOA_V
ClientSampleId :
F5N04DL

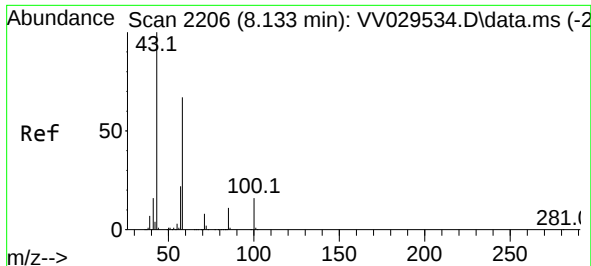
Tgt Ion: 83 Resp: 41858
Ion Ratio Lower Upper
83 100
55 0.2 55.5 83.3#
98 1.4 39.8 59.8#



#39
cis-1,3-Dichloropropene
Concen: 0.751 ug/L
RT: 6.982 min Scan# 1848
Delta R.T. -0.038 min
Lab File: VV029553.D
Acq: 10 Dec 2022 03:53

Tgt Ion: 75 Resp: 3963
Ion Ratio Lower Upper
75 100
77 51.8 21.9 40.7#

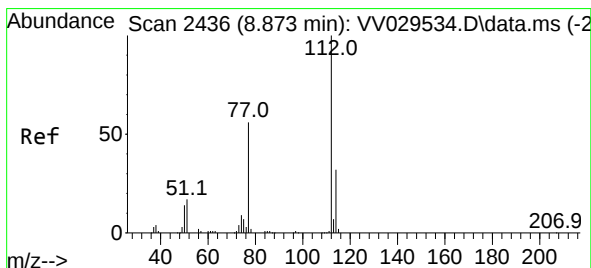
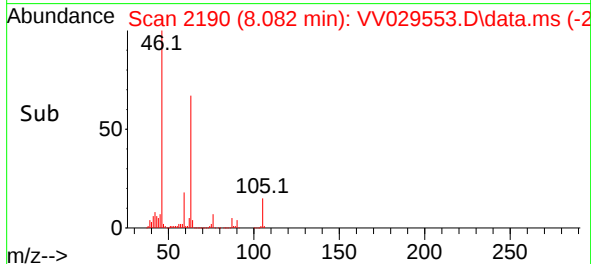
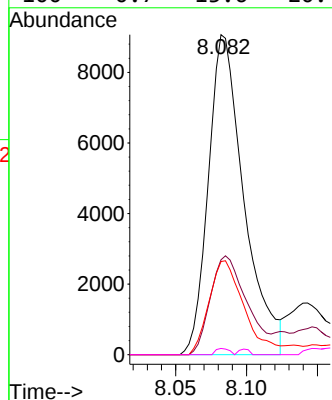
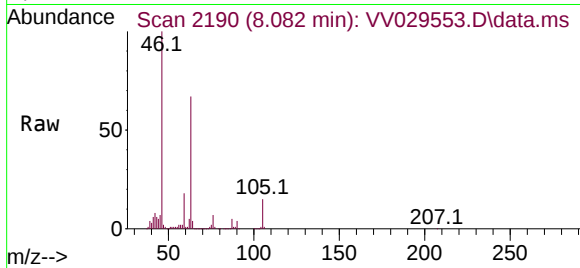




#48
2-Hexanone
Concen: 5.416 ug/L
RT: 8.082 min Scan# 2190
Delta R.T. -0.051 min
Lab File: VV029553.D
Acq: 10 Dec 2022 03:53

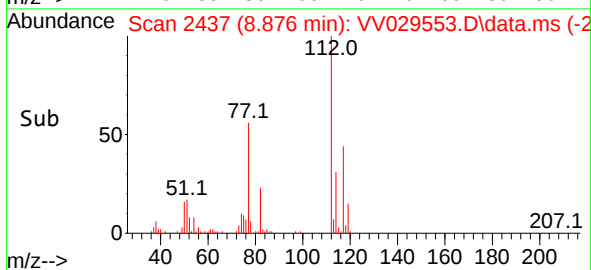
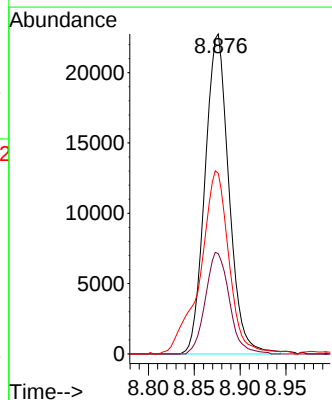
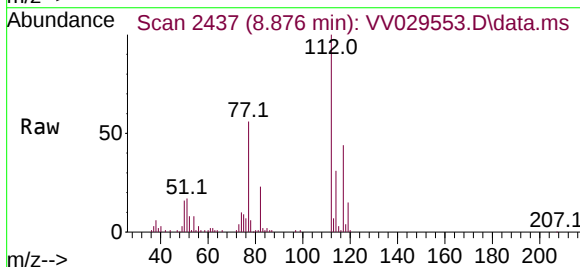
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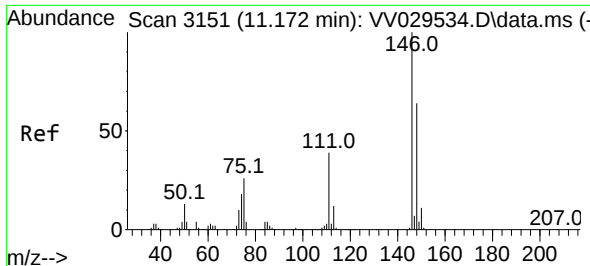
Tgt Ion:	43	Resp:	15824
Ion	Ratio	Lower	Upper
43	100		
58	31.9	54.1	81.1#
57	28.9	17.4	26.0#
100	0.7	13.6	20.4#



#51
Chlorobenzene
Concen: 4.558 ug/L
RT: 8.876 min Scan# 2437
Delta R.T. 0.003 min
Lab File: VV029553.D
Acq: 10 Dec 2022 03:53

Tgt Ion:	112	Resp:	41288
Ion	Ratio	Lower	Upper
112	100		
114	31.4	22.3	41.3
77	56.4	45.0	67.4

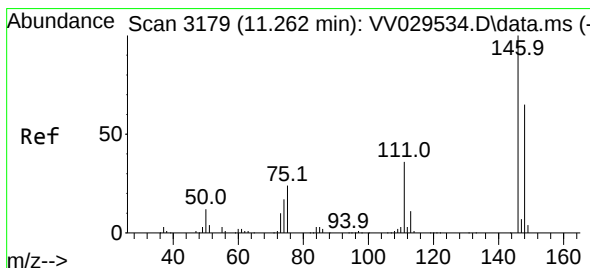
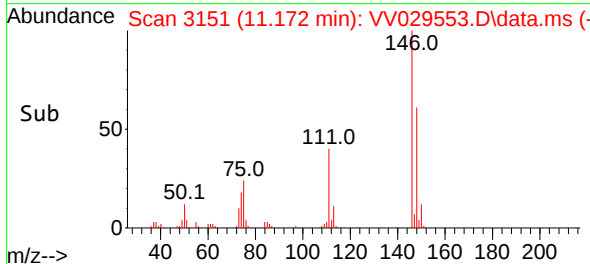
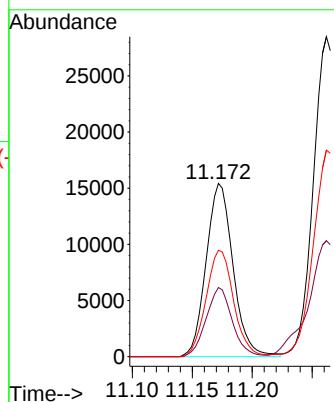
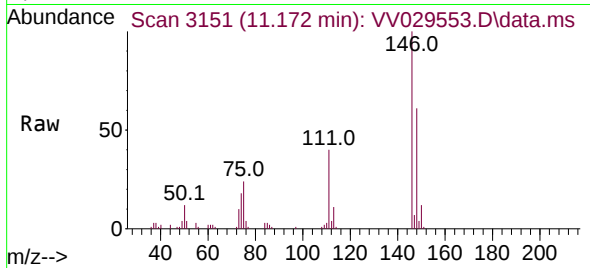




#64
1,3-Dichlorobenzene
Concen: 3.412 ug/L
RT: 11.172 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VV02953.D
Acq: 10 Dec 2022 03:53

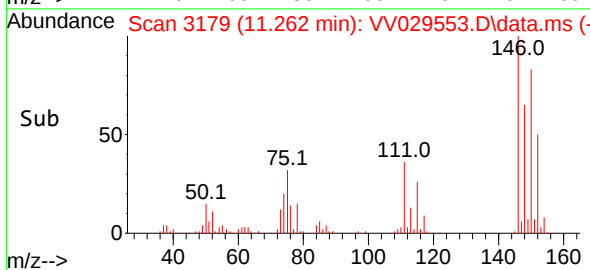
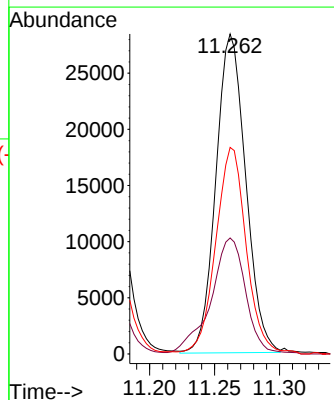
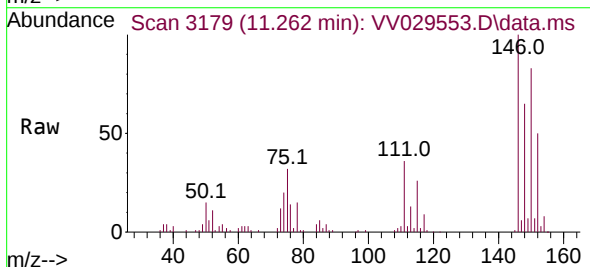
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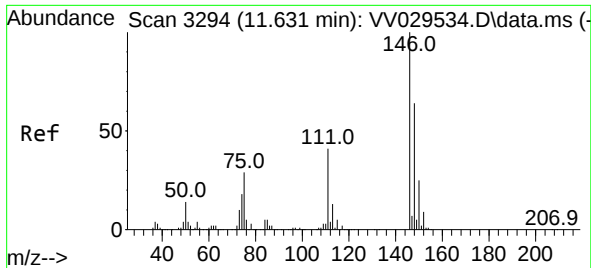
Tgt Ion:146 Resp: 24092
Ion Ratio Lower Upper
146 100
111 39.9 27.4 51.0
148 61.4 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 6.304 ug/L
RT: 11.262 min Scan# 3179
Delta R.T. 0.000 min
Lab File: VV02953.D
Acq: 10 Dec 2022 03:53

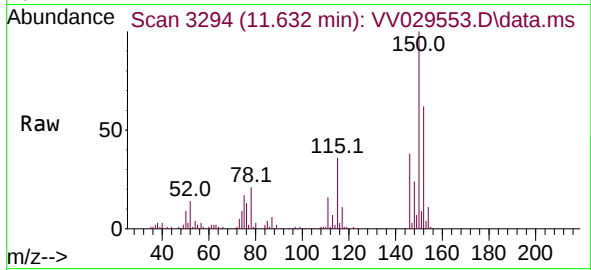
Tgt Ion:146 Resp: 45240
Ion Ratio Lower Upper
146 100
111 36.2 26.2 48.8
148 64.6 44.7 83.1





#67
 1,2-Dichlorobenzene
 Concen: 4.039 ug/L
 RT: 11.632 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV029553.D
 Acq: 10 Dec 2022 03:53

Instrument :
 MSVOA_V
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Tgt Ion:	146	Resp:	29167
Ion Ratio	Lower	Upper	
146	100		
111	42.6	32.0	48.0
148	64.1	50.6	76.0

