

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110121\
 Data File : VW023131.D
 Acq On : 01 Nov 2021 21:19
 Operator : SY/MD
 Sample : M4412-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 02 01:18:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 02 01:11:36 2021
 Response via : Initial Calibration

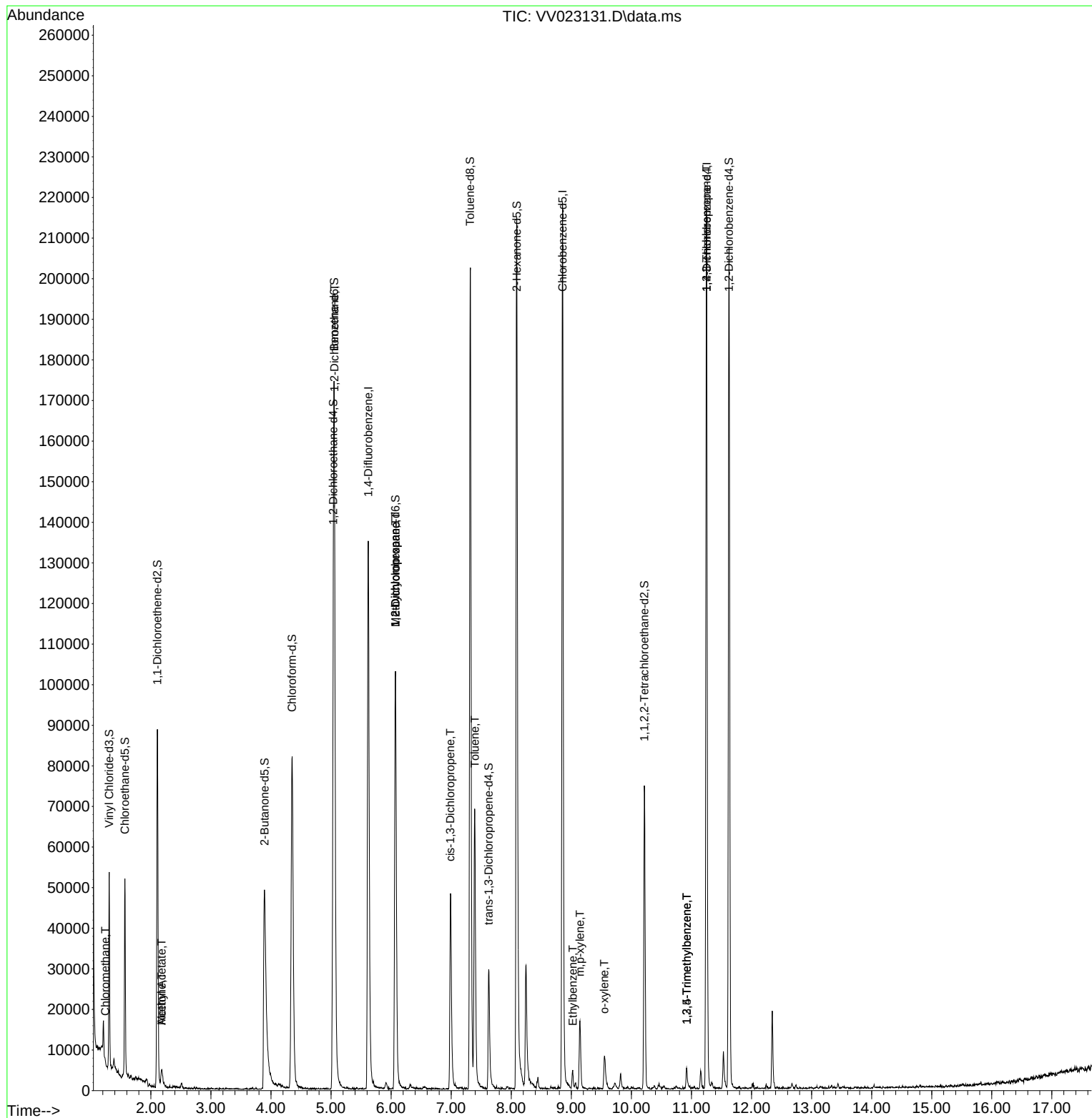
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	120078	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	122639	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	57585	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	28225	2.690	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	53.800%	
7) Chloroethane-d5	1.568	69	27944	4.305	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	86.200%	
11) 1,1-Dichloroethene-d2	2.108	63	46679	3.084	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	61.600%	
20) 2-Butanone-d5	3.892	46	91357	54.277	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	108.560%	
24) Chloroform-d	4.352	84	84935	4.979	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.600%	
26) 1,2-Dichloroethane-d4	5.037	65	40426	5.028	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.600%	
32) Benzene-d6	5.053	84	157150	4.389	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.800%	
36) 1,2-Dichloropropane-d6	6.072	67	49590	4.499	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	90.000%	
41) Toluene-d8	7.317	98	134640	4.186	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	83.800%	
43) trans-1,3-Dichloroprop...	7.625	79	17304	4.481	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	89.600%	
46) 2-Hexanone-d5	8.092	63	73006	51.061	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	102.120%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	35268	4.634	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	92.600%	
66) 1,2-Dichlorobenzene-d4	11.625	152	55044	5.357	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	107.200%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.243	50	612	0.074	ug/L #	78
13) Acetone	2.179	43	6137	7.432	ug/L	83
15) Methyl Acetate	2.179	43	5527	1.759	ug/L #	47
27) 1,2-Dichloroethane	5.056	62	1092	0.130	ug/L #	72
35) Methylcyclohexane	6.072	83	12117	1.021	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	5416	0.651	ug/L #	83
39) cis-1,3-Dichloropropene	6.985	75	1427	0.138	ug/L #	72
42) Toluene	7.394	91	52355	1.565	ug/L	99
52) Ethylbenzene	9.024	91	3304	0.100	ug/L	96
53) m,p-xylene	9.143	106	5087	0.382	ug/L	99
54) o-xylene	9.548	106	1904	0.152	ug/L	97
61) 1,2,3-Trichloropropane	11.249	75	6222	1.535	ug/L #	66
62) 1,3,5-Trimethylbenzene	10.921	105	2938	0.126	ug/L	91
63) 1,2,4-Trimethylbenzene	10.921	105	2938	0.126	ug/L	95

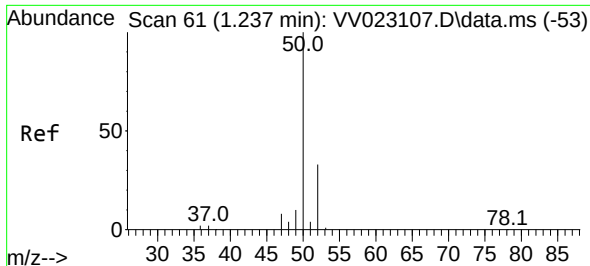
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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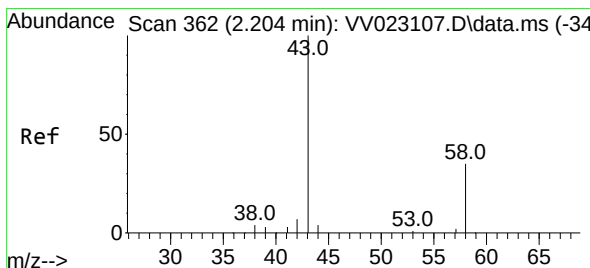
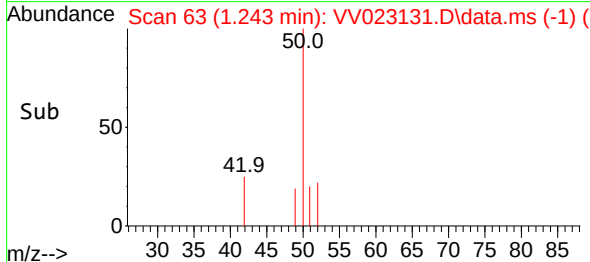
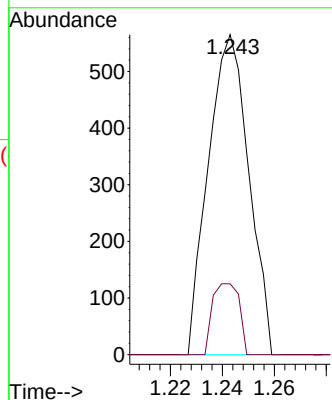
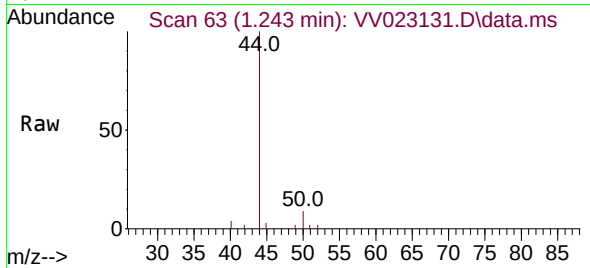




#3
Chloromethane
Concen: 0.074 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.006 min
Lab File: VV023131.D
Acq: 01 Nov 2021 21:19

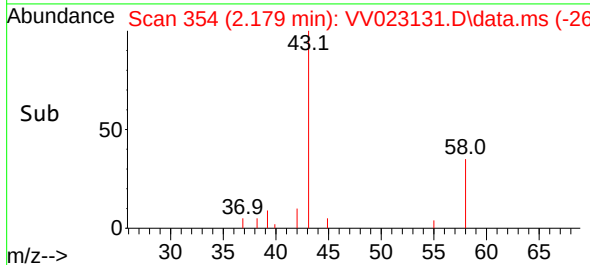
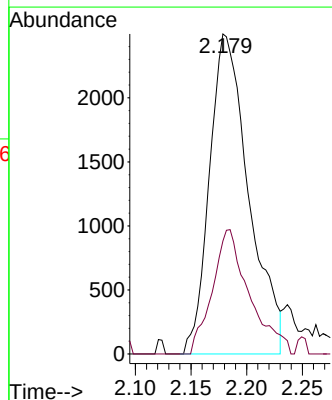
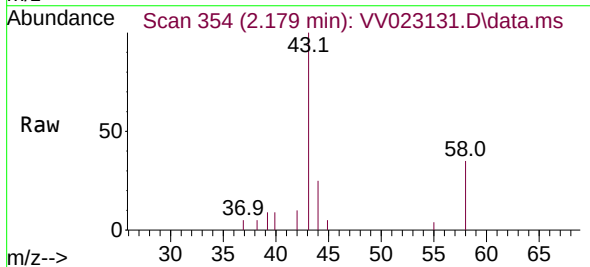
Instrument :
MSVOA_V
ClientSampleId :

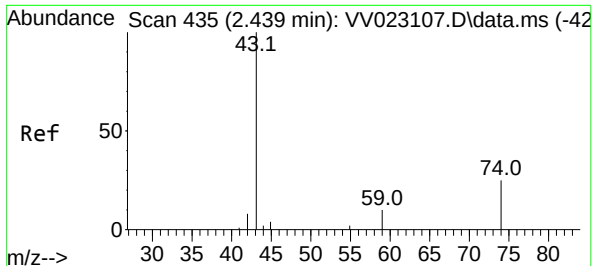
Tgt Ion: 50 Resp: 612
Ion Ratio Lower Upper
50 100
52 22.1 24.3 45.1#



#13
Acetone
Concen: 7.432 ug/L
RT: 2.179 min Scan# 354
Delta R.T. -0.026 min
Lab File: VV023131.D
Acq: 01 Nov 2021 21:19

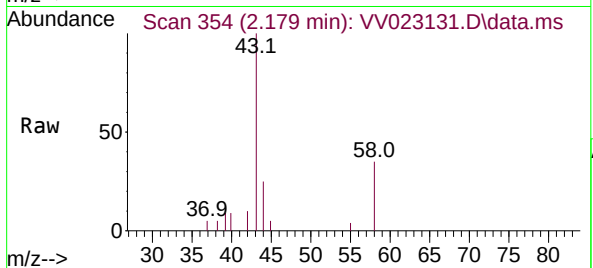
Tgt Ion: 43 Resp: 6137
Ion Ratio Lower Upper
43 100
58 36.6 0.0 55.4



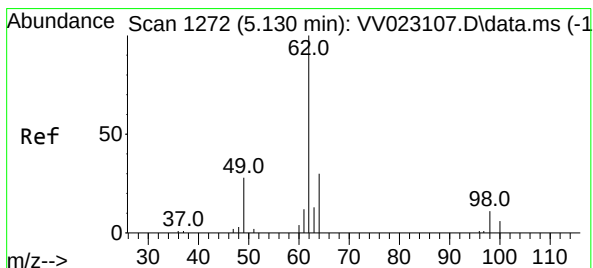
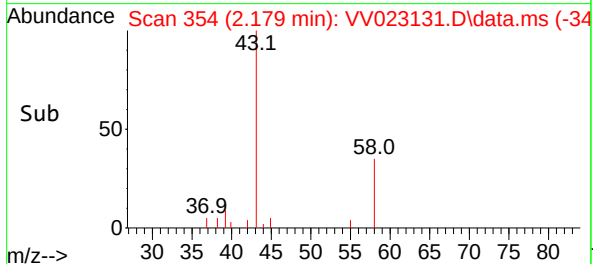
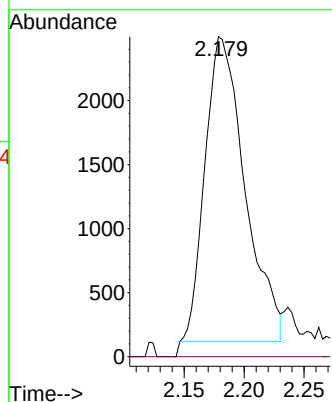


#15
Methyl Acetate
Concen: 1.759 ug/L
RT: 2.179 min Scan# 31
Delta R.T. -0.260 min
Lab File: VV023131.D
Acq: 01 Nov 2021 21:19

Instrument :
MSVOA_V
ClientSampleId :

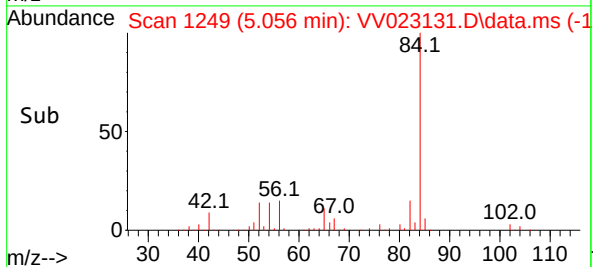
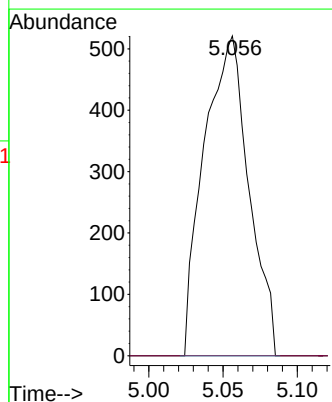
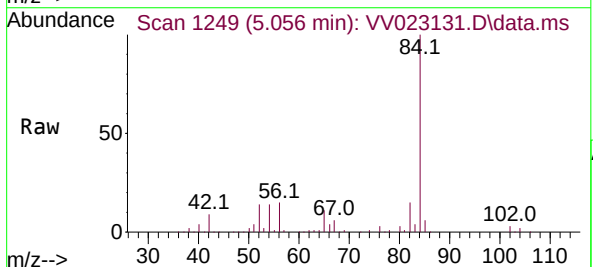


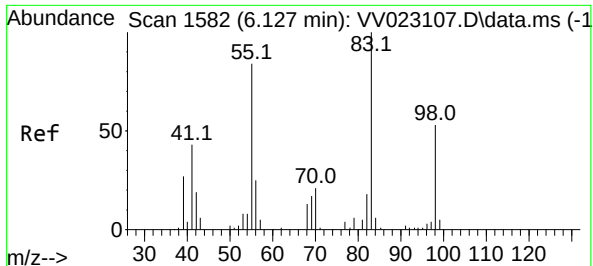
Tgt Ion: 43 Resp: 5527
Ion Ratio Lower Upper
43 100
74 0.0 22.2 33.2#



#27
1,2-Dichloroethane
Concen: 0.130 ug/L
RT: 5.056 min Scan# 1249
Delta R.T. -0.074 min
Lab File: VV023131.D
Acq: 01 Nov 2021 21:19

Tgt Ion: 62 Resp: 1092
Ion Ratio Lower Upper
62 100
98 0.0 8.2 12.4#

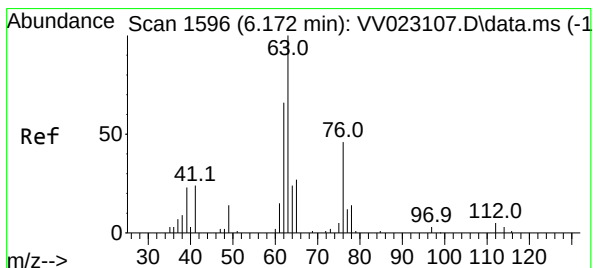
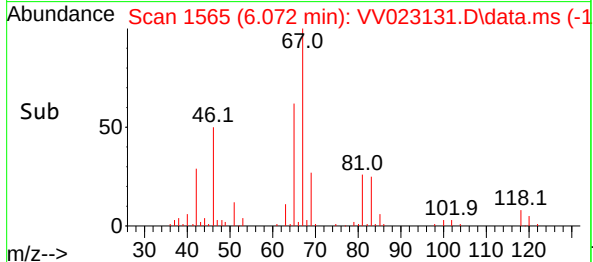
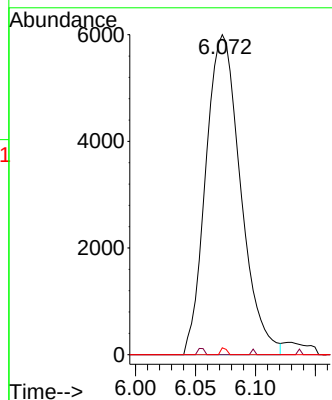
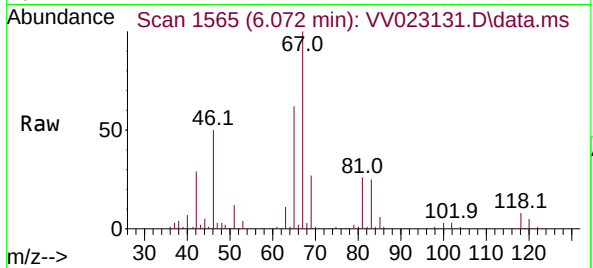




#35
Methylcyclohexane
Concen: 1.021 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.055 min
Lab File: VV023131.D
Acq: 01 Nov 2021 21:19

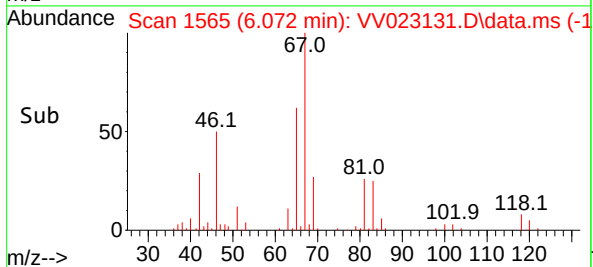
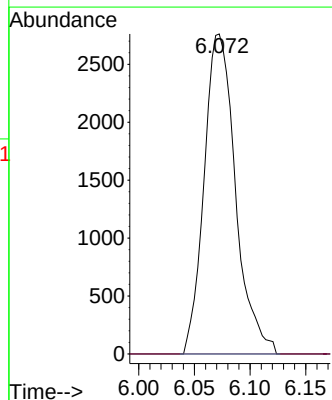
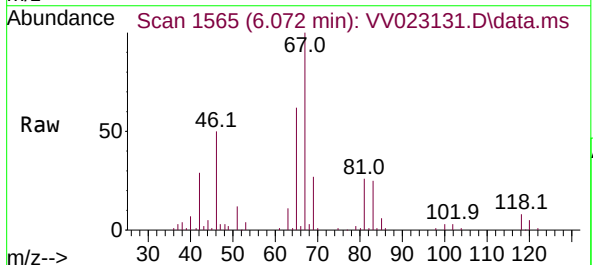
Instrument :
MSVOA_V
ClientSampleId :

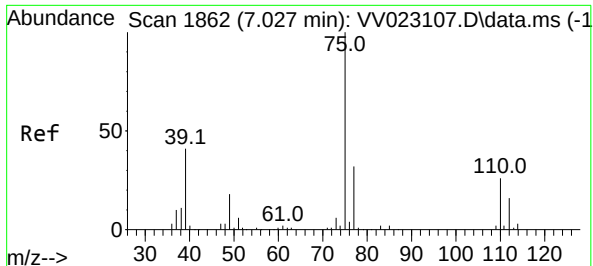
Tgt Ion: 83 Resp: 12117
Ion Ratio Lower Upper
83 100
55 0.4 62.8 94.2#
98 0.4 37.9 56.9#



#37
1,2-Dichloropropane
Concen: 0.651 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.100 min
Lab File: VV023131.D
Acq: 01 Nov 2021 21:19

Tgt Ion: 63 Resp: 5416
Ion Ratio Lower Upper
63 100
112 0.0 4.6 6.8#





#39

cis-1,3-Dichloropropene

Concen: 0.138 ug/L

RT: 6.985 min Scan# 1849

Delta R.T. -0.042 min

Lab File: VV023131.D

Acq: 01 Nov 2021 21:19

Instrument :

MSVOA_V

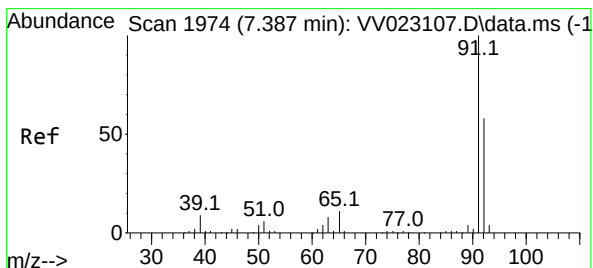
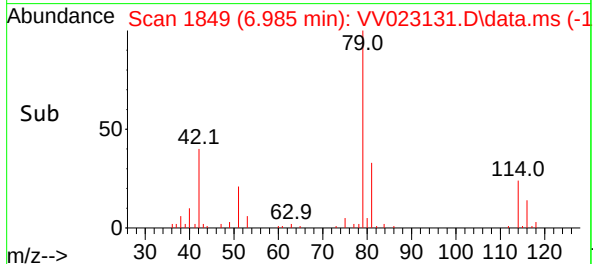
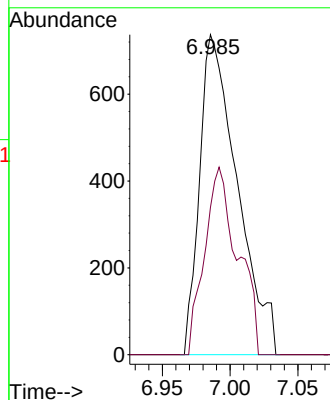
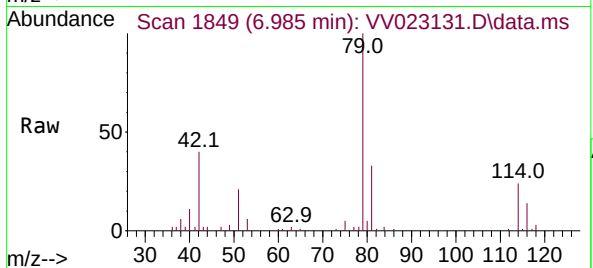
ClientSampleId :

Tgt Ion: 75 Resp: 1427

Ion Ratio Lower Upper

75 100

77 46.0 21.6 40.2#



#42

Toluene

Concen: 1.565 ug/L

RT: 7.394 min Scan# 1976

Delta R.T. 0.006 min

Lab File: VV023131.D

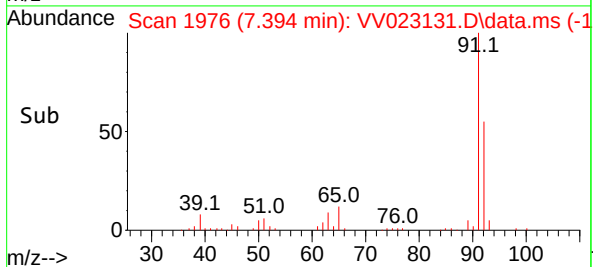
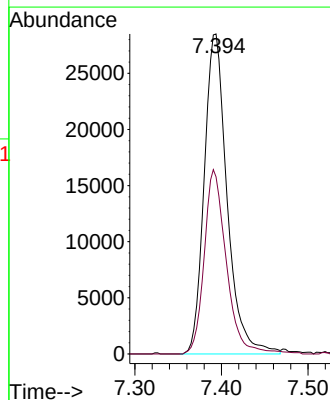
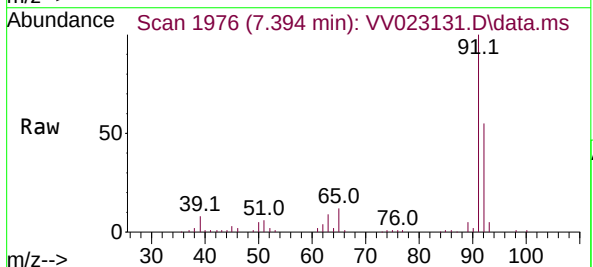
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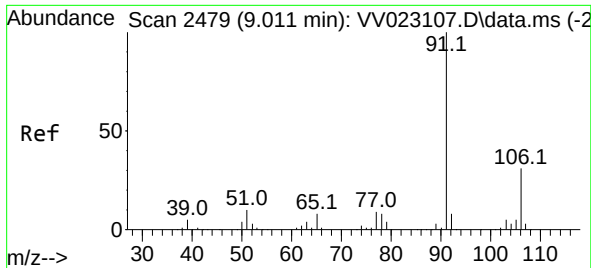
Tgt Ion: 91 Resp: 52355

Ion Ratio Lower Upper

91 100

92 55.4 39.3 72.9

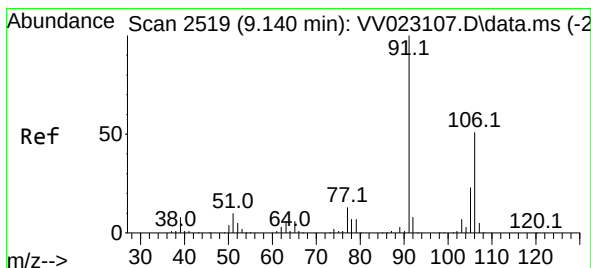
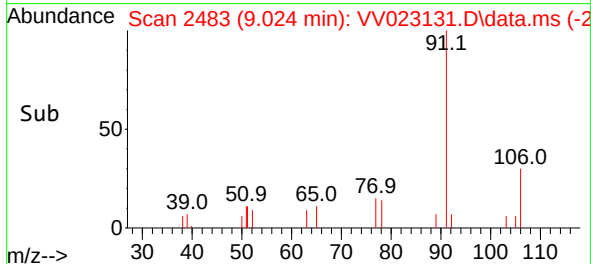
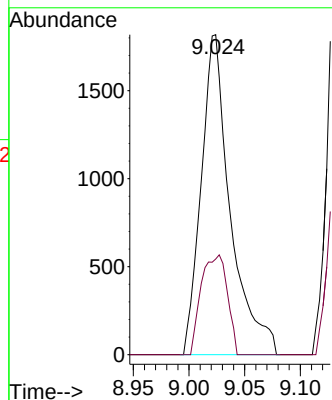
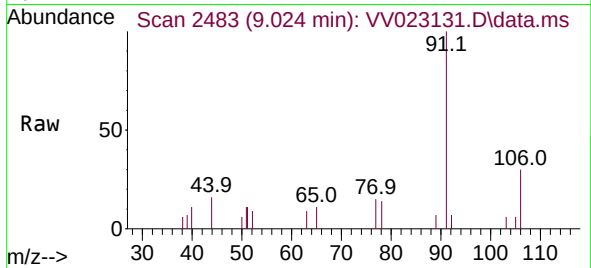




#52
Ethylbenzene
Concen: 0.100 ug/L
RT: 9.024 min Scan# 2479
Delta R.T. 0.013 min
Lab File: VV023131.D
Acq: 01 Nov 2021 21:19

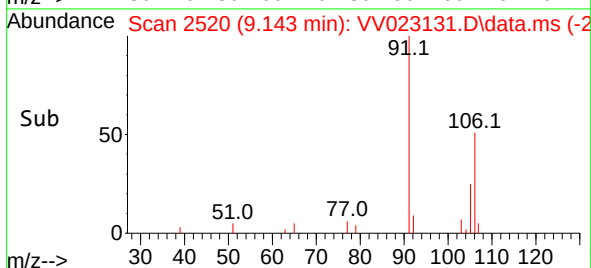
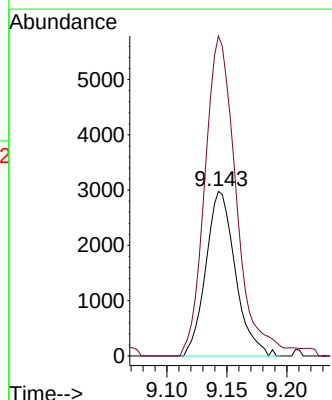
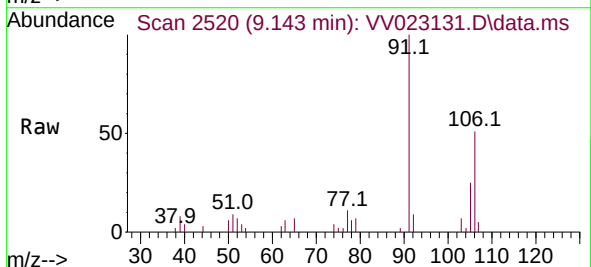
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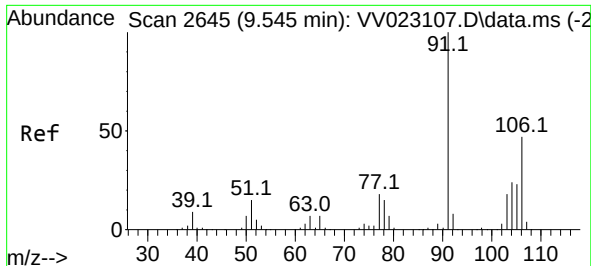
Tgt Ion: 91 Resp: 3304
Ion Ratio Lower Upper
91 100
106 29.9 22.5 41.9



#53
m,p-xylene
Concen: 0.382 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.003 min
Lab File: VV023131.D
Acq: 01 Nov 2021 21:19

Tgt Ion: 106 Resp: 5087
Ion Ratio Lower Upper
106 100
91 194.4 137.2 254.8

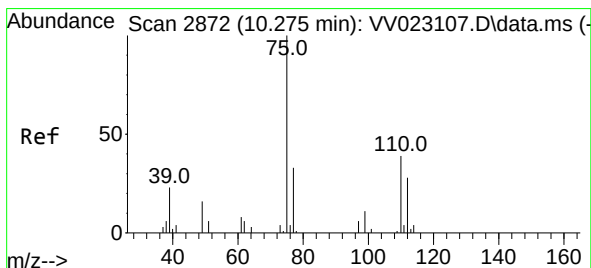
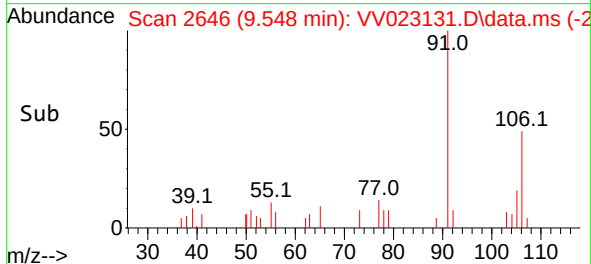
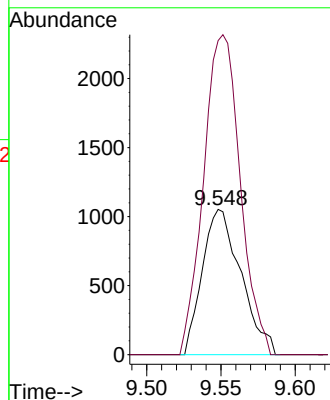
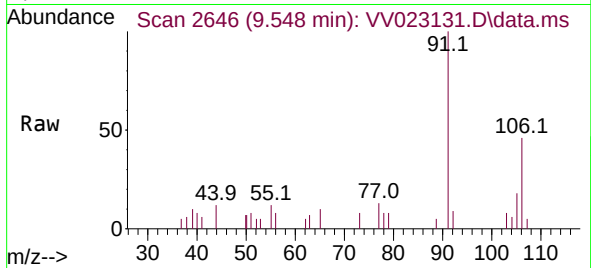




#54
o-xylene
Concen: 0.152 ug/L
RT: 9.548 min Scan# 2104
Delta R.T. 0.003 min
Lab File: VV023131.D
Acq: 01 Nov 2021 21:19

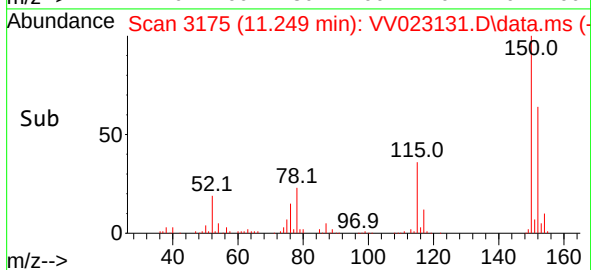
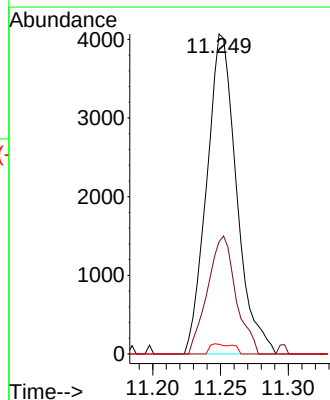
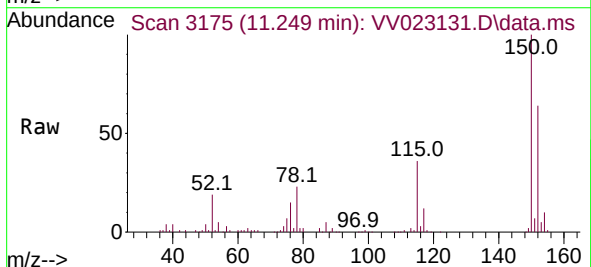
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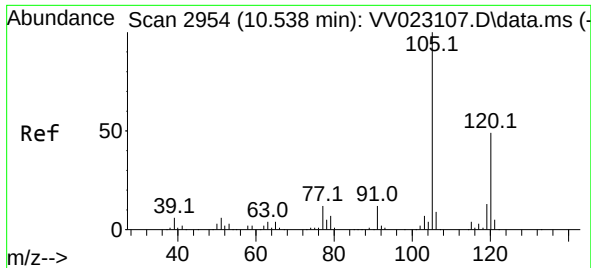
Tgt Ion:106 Resp: 1904
Ion Ratio Lower Upper
106 100
91 216.3 148.3 275.5



#61
1,2,3-Trichloropropane
Concen: 1.535 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV023131.D
Acq: 01 Nov 2021 21:19

Tgt Ion: 75 Resp: 6222
Ion Ratio Lower Upper
75 100
77 35.0 26.6 39.8
110 2.4 31.8 47.6#





#62

1,3,5-Trimethylbenzene

Concen: 0.126 ug/L

RT: 10.921 min Scan# 3073

Delta R.T. 0.383 min

Lab File: VV023131.D

Acq: 01 Nov 2021 21:19

Instrument :

MSVOA_V

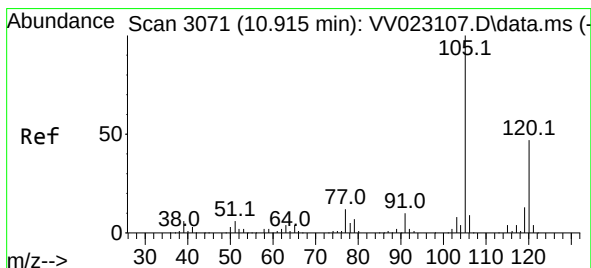
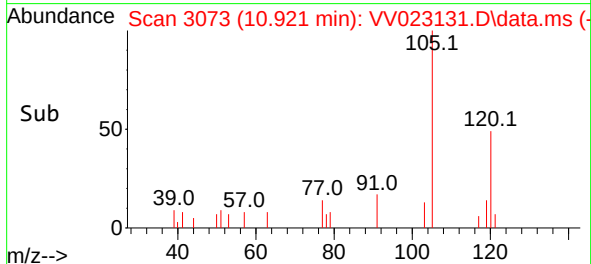
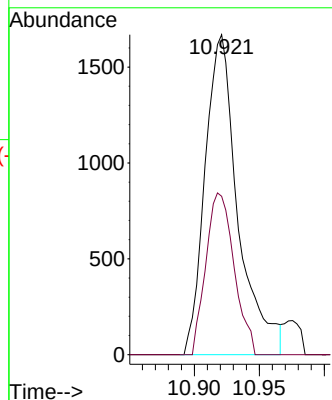
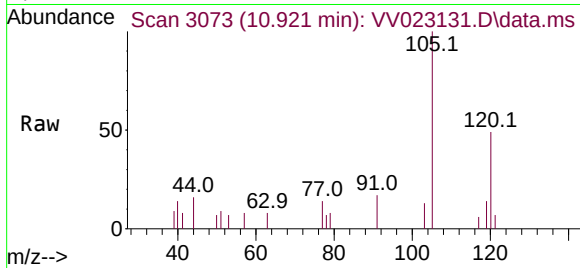
ClientSampleId :

Tgt Ion:105 Resp: 2938

Ion Ratio Lower Upper

105 100

120 43.3 39.7 59.5



#63

1,2,4-Trimethylbenzene

Concen: 0.126 ug/L

RT: 10.921 min Scan# 3073

Delta R.T. 0.006 min

Lab File: VV023131.D

Acq: 01 Nov 2021 21:19

Tgt Ion:105 Resp: 2938

Ion Ratio Lower Upper

105 100

120 43.3 37.4 56.2

