

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082423\
 Data File : VV031910.D
 Acq On : 24 Aug 2023 15:35
 Operator : SY/MD
 Sample : 04158-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 25 00:58:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR082323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 25 00:56:34 2023
 Response via : Initial Calibration

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

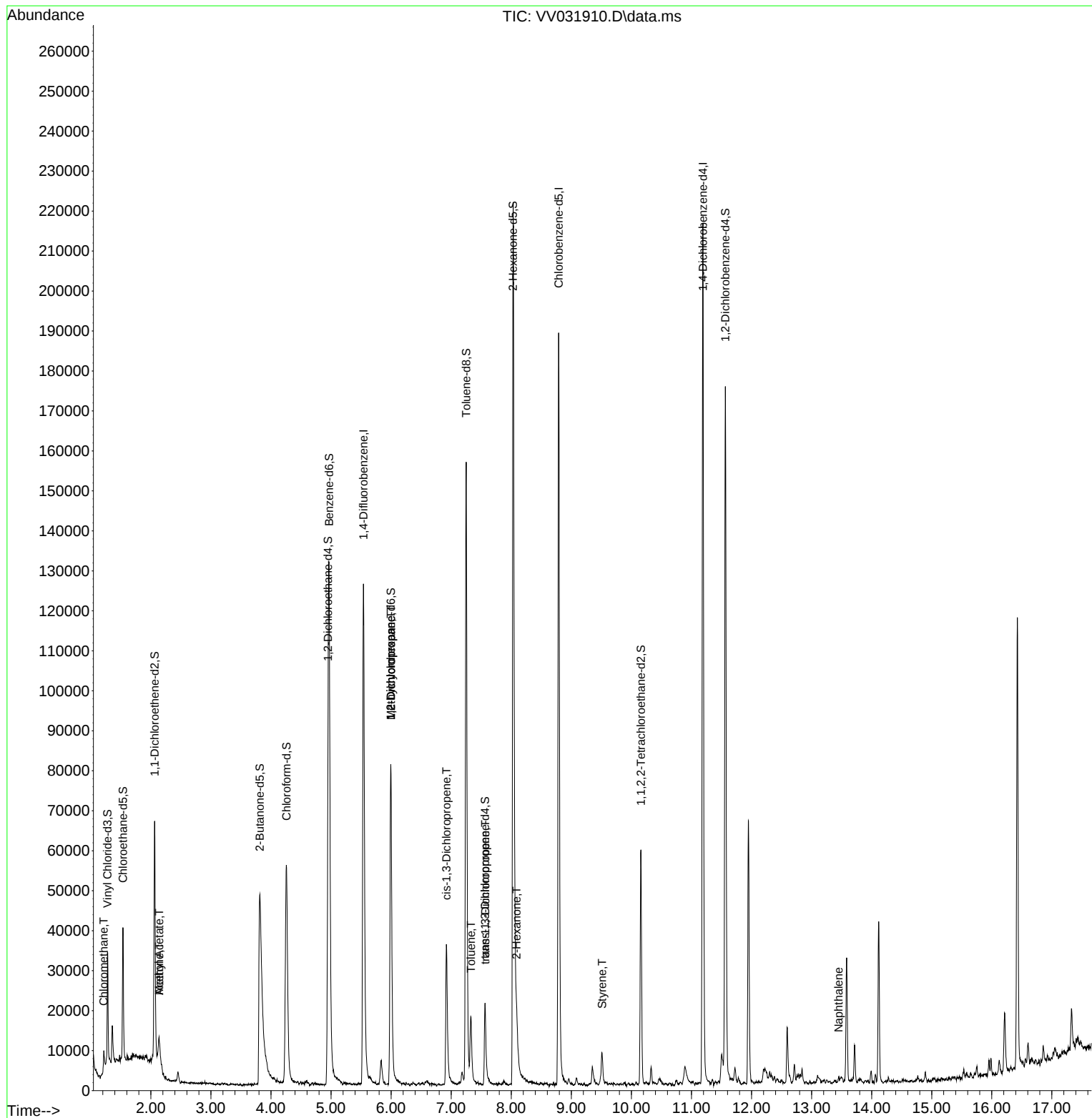
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	109341	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	100953	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	54003	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	17144	4.642	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	92.800%	
7) Chloroethane-d5	1.536	69	21396	5.058	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	101.200%	
11) 1,1-Dichloroethene-d2	2.063	65	10297	4.738	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	94.800%	
20) 2-Butanone-d5	3.812	46	110214	61.652	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	123.300%	
24) Chloroform-d	4.256	84	59783	4.783	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.600%	
26) 1,2-Dichloroethane-d4	4.950	65	32921	5.112	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.200%	
32) Benzene-d6	4.966	84	118577	5.162	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.200%	
36) 1,2-Dichloropropane-d6	5.995	67	41221	5.089	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	101.800%	
41) Toluene-d8	7.249	98	106459	4.994	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.800%	
43) trans-1,3-Dichloroprop...	7.564	79	13758	4.657	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	93.200%	
46) 2-Hexanone-d5	8.030	63	83914	53.281	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	106.560%	
56) 1,1,2,2-Tetrachloroeth...	10.159	84	29462	5.069	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	101.400%	
66) 1,2-Dichlorobenzene-d4	11.564	152	43144	4.933	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	98.600%	
Target Compounds						Qvalue
3) Chloromethane	1.217	50	2348	0.351	ug/L	94
13) Acetone	2.140	43	12302	11.679	ug/L	70
15) Methyl Acetate	2.140	43	12052	5.614	ug/L #	53
35) Methylcyclohexane	5.995	83	9938	1.005	ug/L #	18
37) 1,2-Dichloropropane	5.995	63	4848	0.757	ug/L #	87
39) cis-1,3-Dichloropropene	6.921	75	910	0.093	ug/L #	39
42) Toluene	7.329	91	12846	0.497	ug/L	93
44) trans-1,3-Dichloropropene	7.567	75	680	0.084	ug/L #	74
48) 2-Hexanone	8.088	43	8171	2.723	ug/L #	86
55) Styrene	9.513	104	4189	0.225	ug/L	94
71) Naphthalene	13.451	128	1087	0.064	ug/L #	93

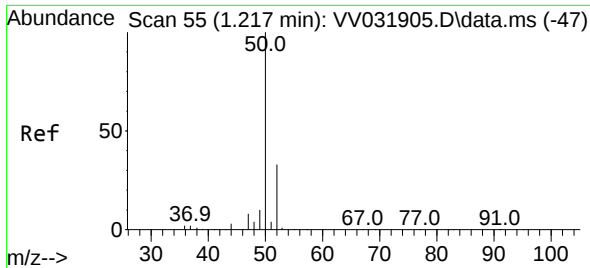
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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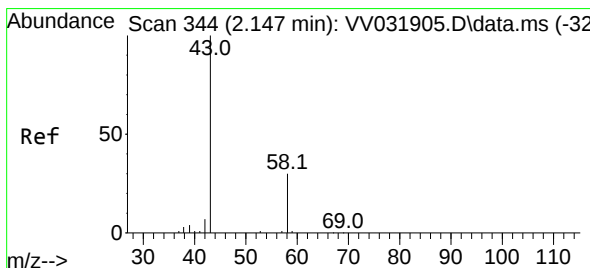
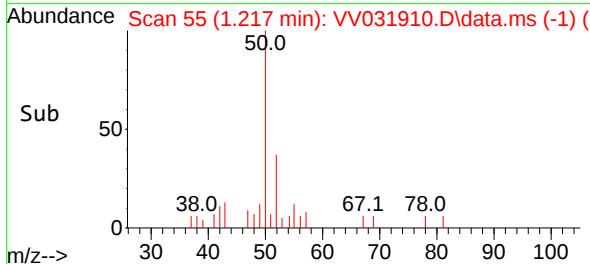
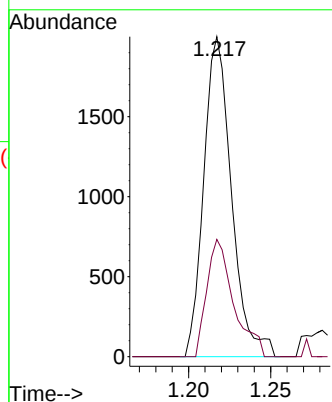
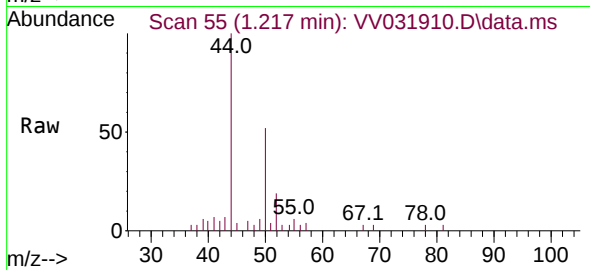




#3
Chloromethane
Concen: 0.351 ug/L
RT: 1.217 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV031910.D
Acq: 24 Aug 2023 15:35

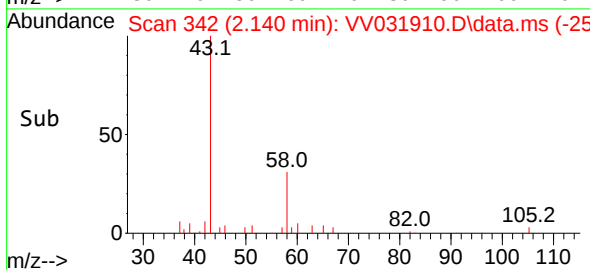
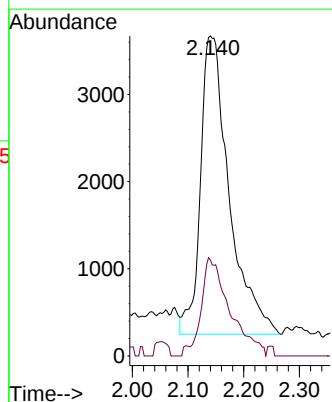
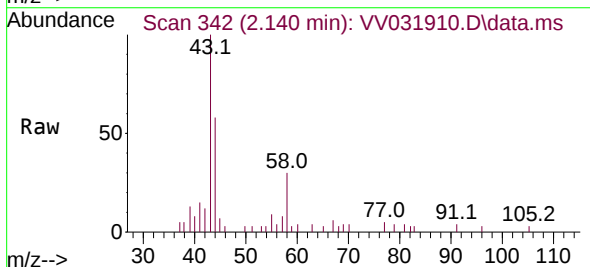
Instrument :
MSVOA_V
ClientSampleId :

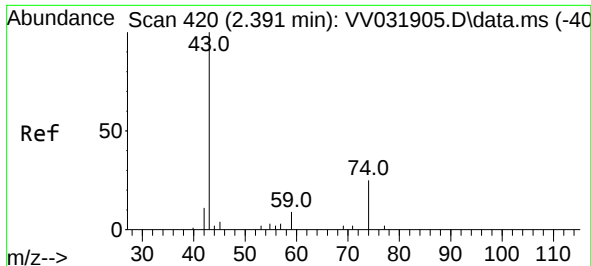
Tgt Ion: 50 Resp: 2348
Ion Ratio Lower Upper
50 100
52 36.6 23.3 43.3



#13
Acetone
Concen: 11.679 ug/L
RT: 2.140 min Scan# 342
Delta R.T. -0.007 min
Lab File: VV031910.D
Acq: 24 Aug 2023 15:35

Tgt Ion: 43 Resp: 12302
Ion Ratio Lower Upper
43 100
58 31.9 0.0 37.0

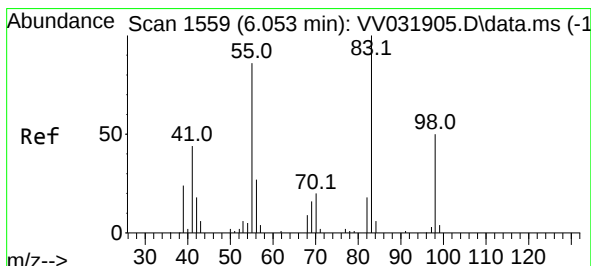
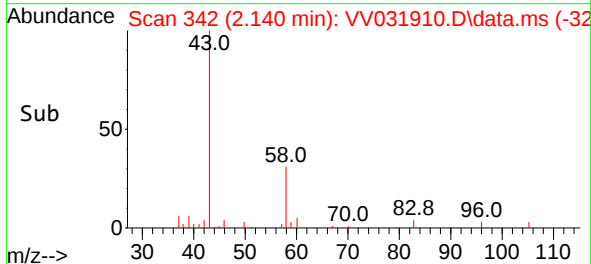
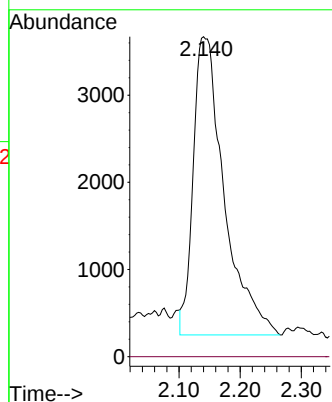
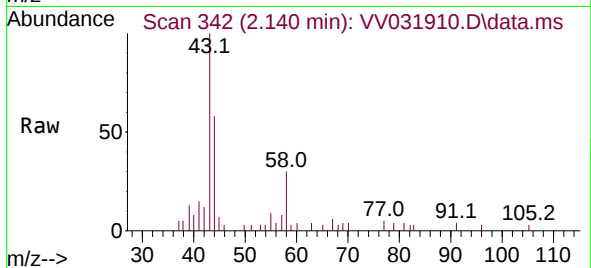




#15
Methyl Acetate
Concen: 5.614 ug/L
RT: 2.140 min Scan# 341
Delta R.T. -0.251 min
Lab File: VV031910.D
Acq: 24 Aug 2023 15:35

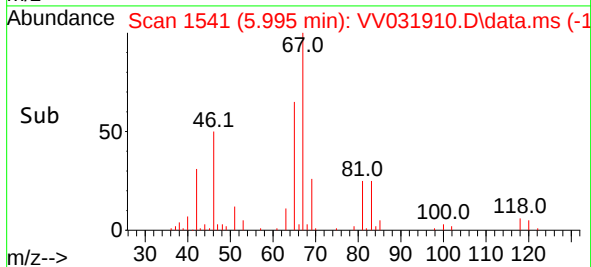
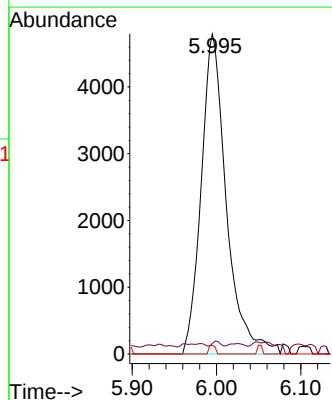
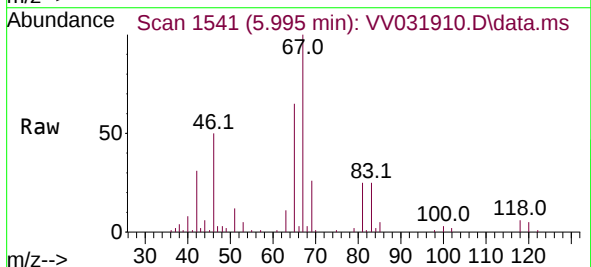
Instrument :
MSVOA_V
ClientSampleId :

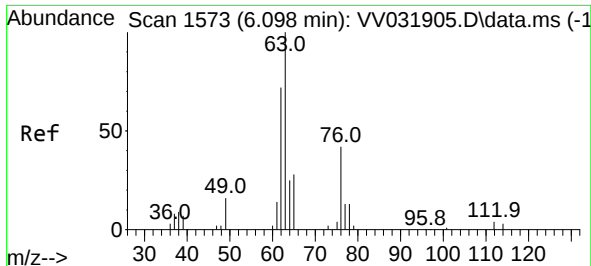
Tgt Ion: 43 Resp: 12052
Ion Ratio Lower Upper
43 100
74 0.0 18.3 27.5#



#35
Methylcyclohexane
Concen: 1.005 ug/L
RT: 5.995 min Scan# 1541
Delta R.T. -0.058 min
Lab File: VV031910.D
Acq: 24 Aug 2023 15:35

Tgt Ion: 83 Resp: 9938
Ion Ratio Lower Upper
83 100
55 0.4 62.6 94.0#
98 0.7 37.8 56.8#





#37

1,2-Dichloropropane

Concen: 0.757 ug/L

RT: 5.995 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV031910.D

Acq: 24 Aug 2023 15:35

Instrument :

MSVOA_V

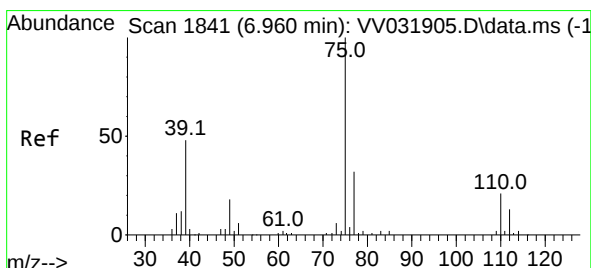
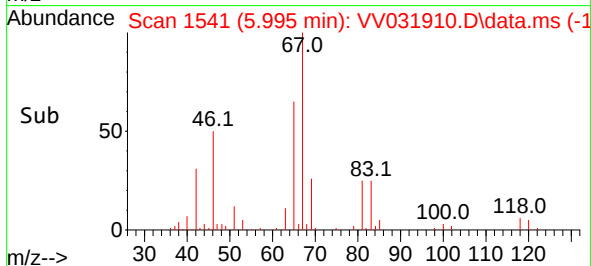
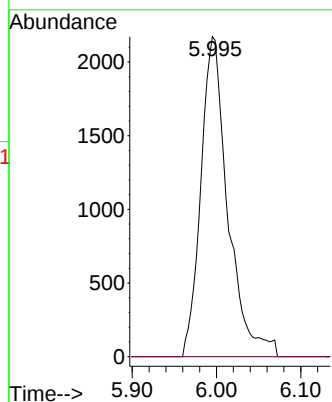
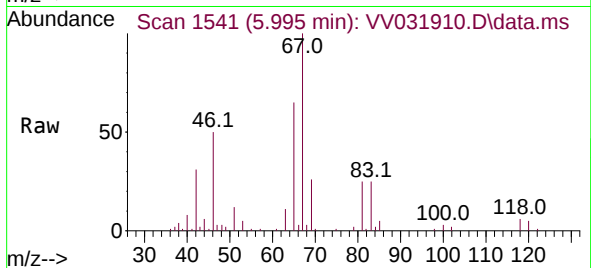
ClientSampleId :

Tgt Ion: 63 Resp: 4848

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#39

cis-1,3-Dichloropropene

Concen: 0.093 ug/L

RT: 6.921 min Scan# 1829

Delta R.T. -0.039 min

Lab File: VV031910.D

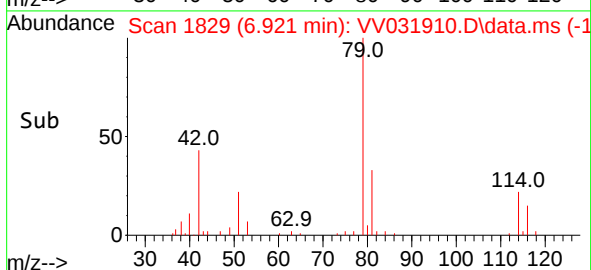
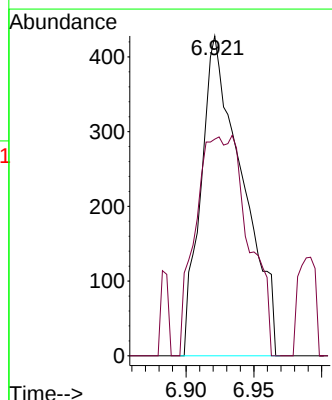
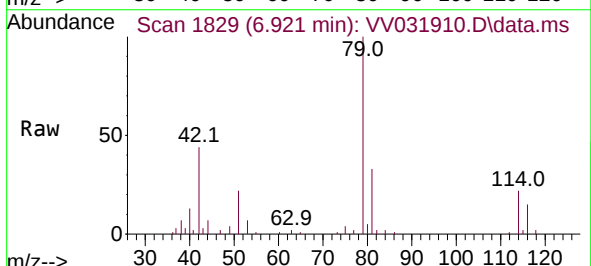
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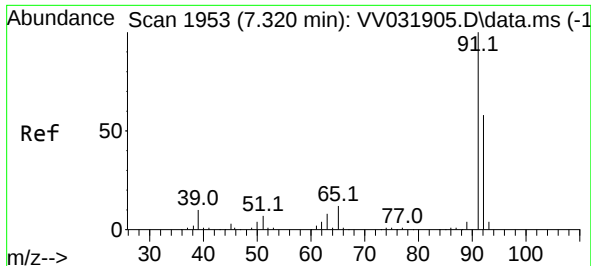
Tgt Ion: 75 Resp: 910

Ion Ratio Lower Upper

75 100

77 67.8 23.2 43.2#





#42

Toluene

Concen: 0.497 ug/L

RT: 7.329 min Scan# 1953

Delta R.T. 0.010 min

Lab File: VV031910.D

Acq: 24 Aug 2023 15:35

Instrument :

MSVOA_V

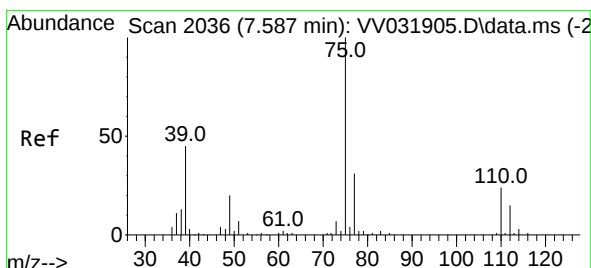
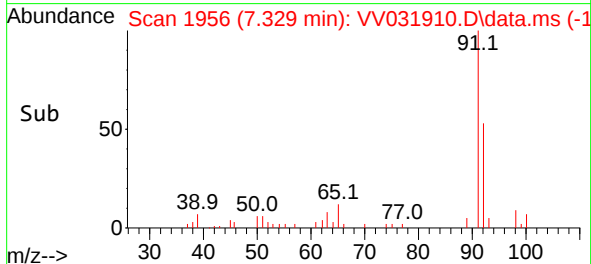
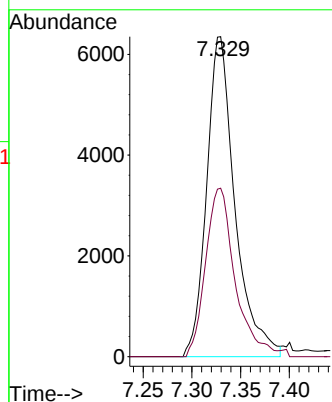
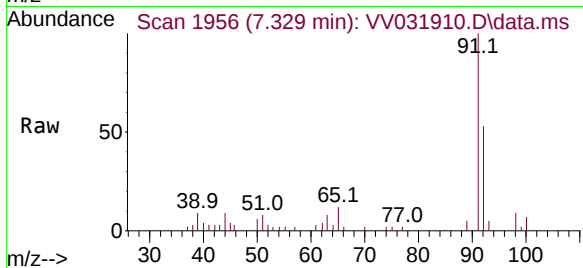
ClientSampleId :

Tgt Ion: 91 Resp: 12846

Ion Ratio Lower Upper

91 100

92 52.7 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 0.084 ug/L

RT: 7.567 min Scan# 2030

Delta R.T. -0.019 min

Lab File: VV031910.D

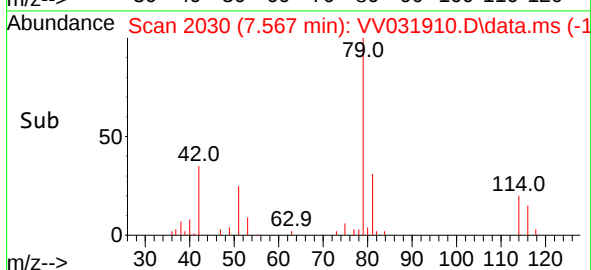
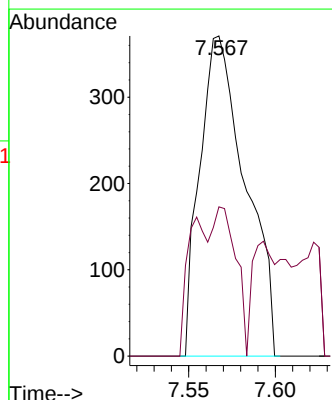
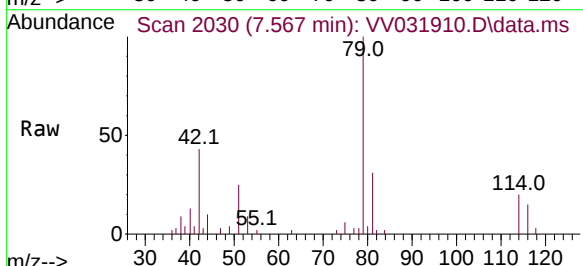
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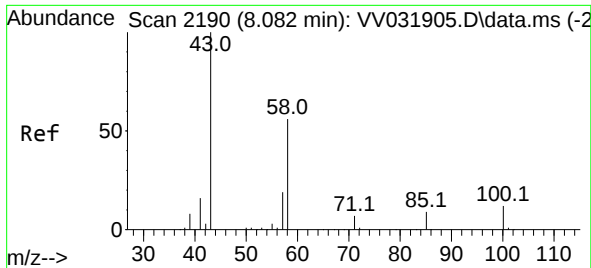
Tgt Ion: 75 Resp: 680

Ion Ratio Lower Upper

75 100

77 46.6 22.4 41.6#

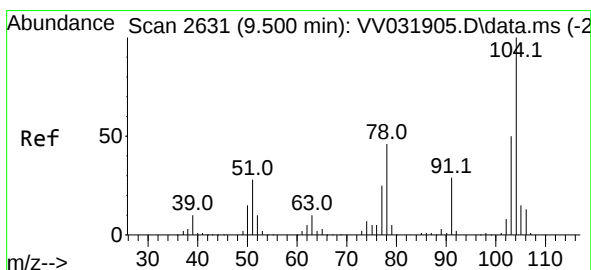
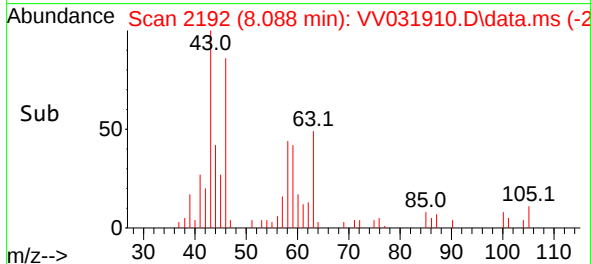
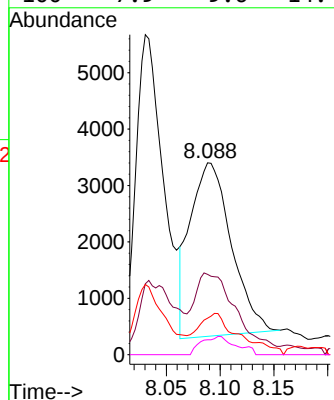
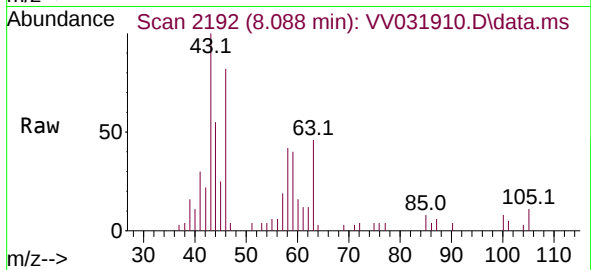




#48
2-Hexanone
Concen: 2.723 ug/L
RT: 8.088 min Scan# 2190
Delta R.T. 0.006 min
Lab File: VV031910.D
Acq: 24 Aug 2023 15:35

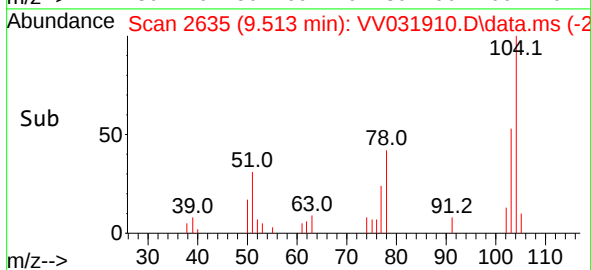
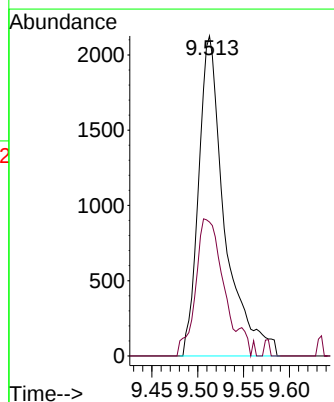
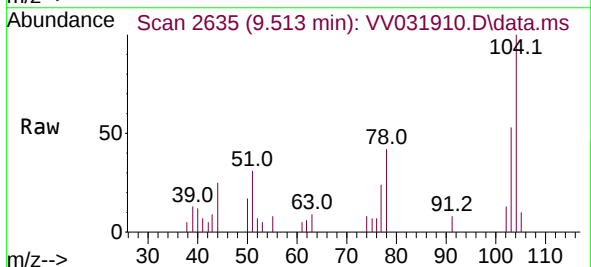
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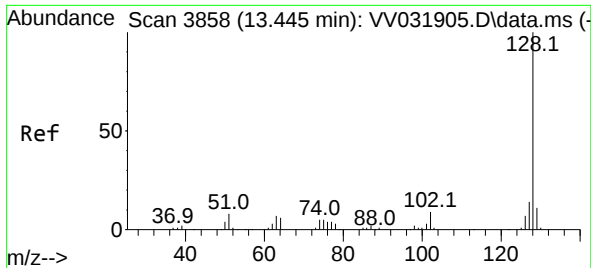
Tgt Ion: 43	Resp: 8171
Ion Ratio	Lower Upper
43	100
58	44.8 44.3 66.5
57	24.1 14.3 21.5#
100	7.9 9.6 14.4#



#55
Styrene
Concen: 0.225 ug/L
RT: 9.513 min Scan# 2635
Delta R.T. 0.013 min
Lab File: VV031910.D
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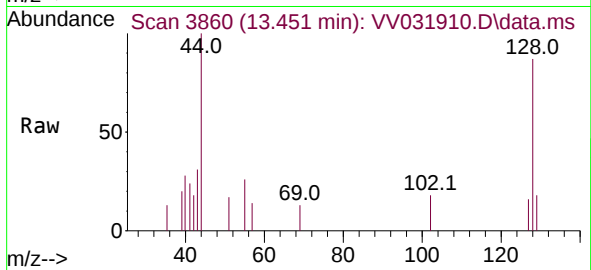
Tgt Ion: 104	Resp: 4189
Ion Ratio	Lower Upper
104	100
78	41.9 32.1 59.7





#71
Naphthalene
Concen: 0.064 ug/L
RT: 13.451 min Scan# 3860
Delta R.T. 0.006 min
Lab File: VV031910.D
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Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	128	Resp:	1087
Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.9	13.3
127	8.6	10.8	16.2#

