

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082423\
 Data File : VV031895.D
 Acq On : 24 Aug 2023 09:02
 Operator : SY/MD
 Sample : 04115-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 24 12:44:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR082323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 24 04:46:53 2023
 Response via : Initial Calibration

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

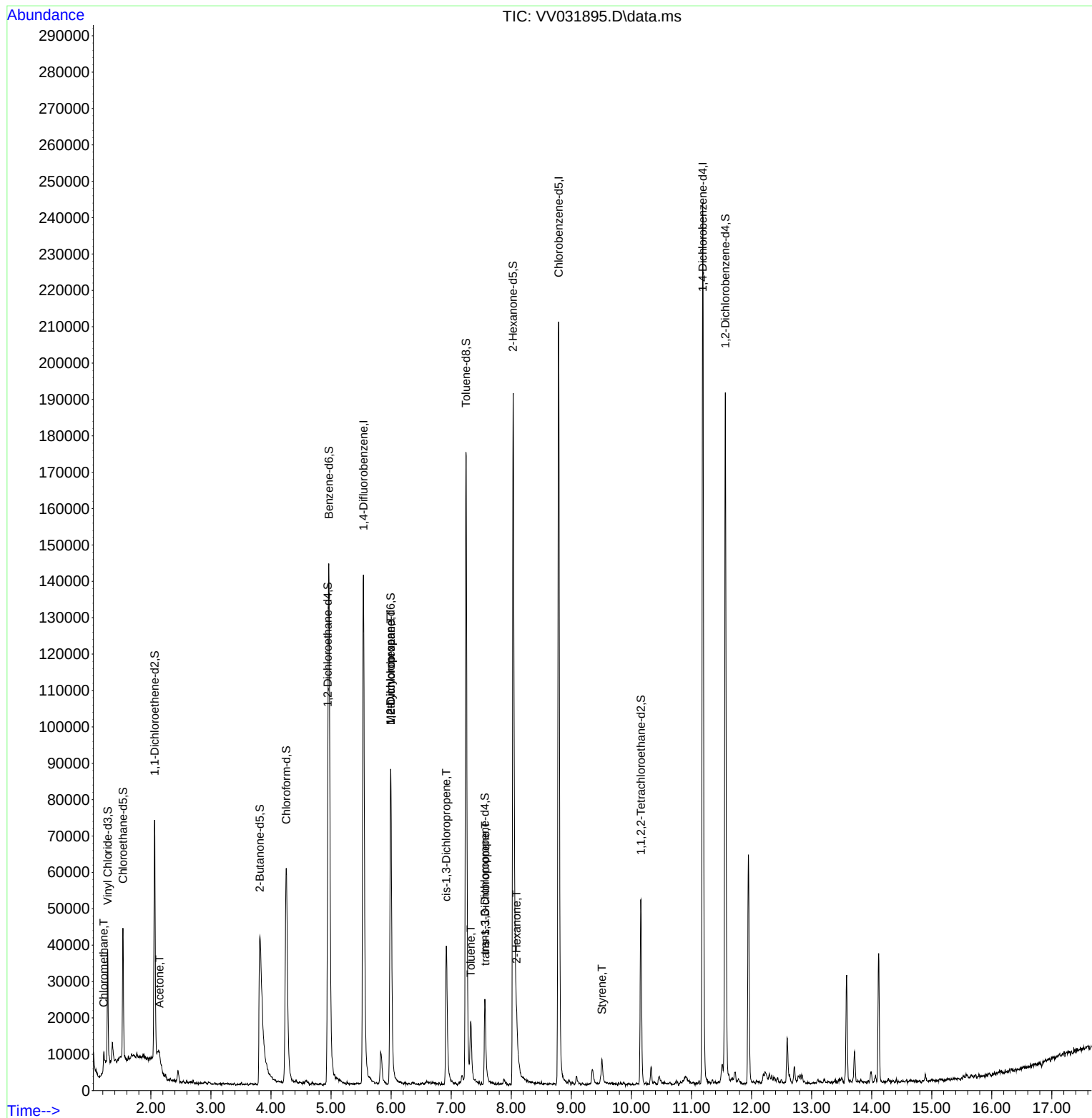
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	122022	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	114513	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	60195	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	19635	4.764	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	95.200%	
7) Chloroethane-d5	1.536	69	23030	4.878	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	97.600%	
11) 1,1-Dichloroethene-d2	2.063	65	11521	4.750	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	95.000%	
20) 2-Butanone-d5	3.815	46	99912	50.081	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	100.160%	
24) Chloroform-d	4.253	84	65134	4.670	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.400%	
26) 1,2-Dichloroethane-d4	4.947	65	33855	4.710	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.200%	
32) Benzene-d6	4.963	84	131888	5.061	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.200%	
36) 1,2-Dichloropropane-d6	5.992	67	45196	4.919	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.400%	
41) Toluene-d8	7.246	98	118385	4.896	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.000%	
43) trans-1,3-Dichloroprop...	7.561	79	15030	4.486	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	89.800%	
46) 2-Hexanone-d5	8.031	63	73762	41.289	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	82.580%	
56) 1,1,2,2-Tetrachloroeth...	10.159	84	25537	3.874	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	77.400%	
66) 1,2-Dichlorobenzene-d4	11.564	152	46043	4.723	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	94.400%	
Target Compounds						
3) Chloromethane	1.217	50	2475	0.331	ug/L	98
13) Acetone	2.143	43	9953	8.467	ug/L	100
35) Methylcyclohexane	5.992	83	10214	0.910	ug/L #	19
37) 1,2-Dichloropropane	5.992	63	4906	0.675	ug/L #	87
39) cis-1,3-Dichloropropene	6.918	75	1040	0.094	ug/L #	65
42) Toluene	7.326	91	13128	0.448	ug/L	95
44) trans-1,3-Dichloropropene	7.567	75	735	0.080	ug/L #	55
48) 2-Hexanone	8.088	43	10535	3.096	ug/L #	85
55) Styrene	9.510	104	3648	0.172	ug/L	98

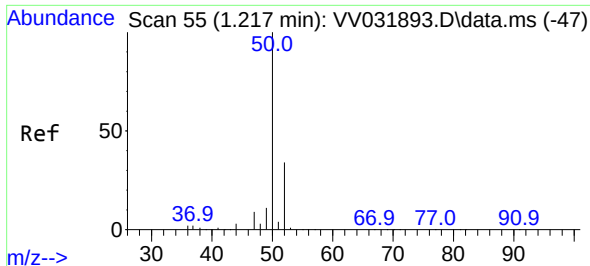
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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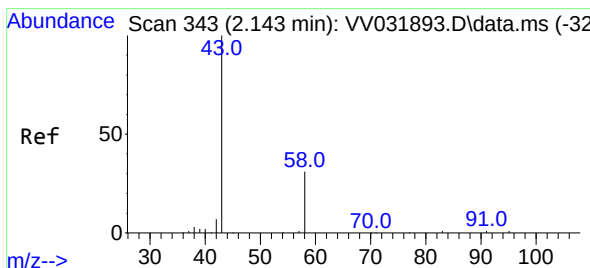
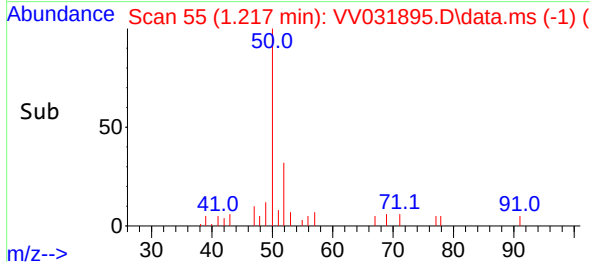
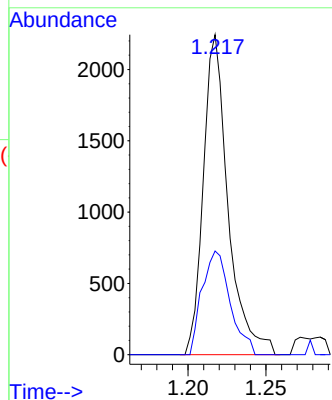
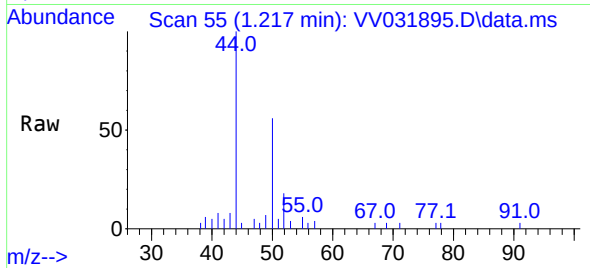




#3
Chloromethane
Concen: 0.331 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV031895.D
Acq: 24 Aug 2023 09:02

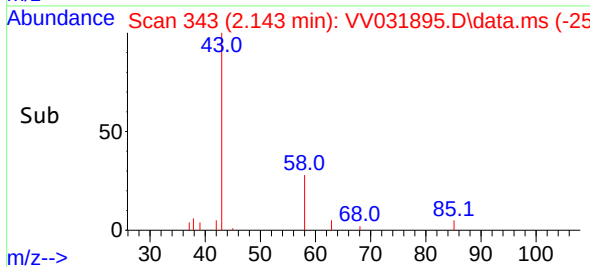
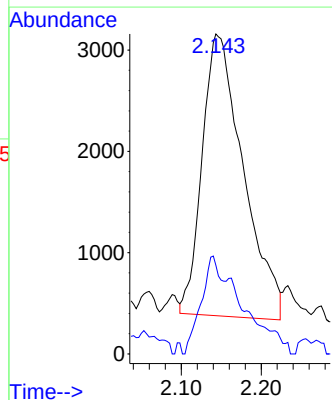
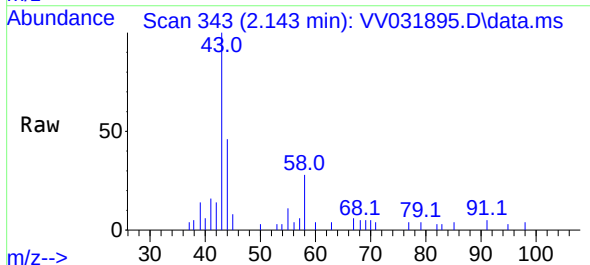
Instrument :
MSVOA_V
ClientSampleId :

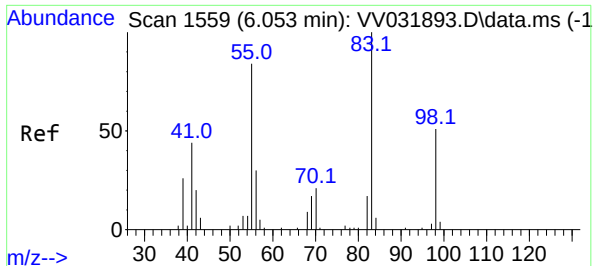
Tgt Ion: 50 Resp: 2475
Ion Ratio Lower Upper
50 100
52 32.4 23.3 43.3



#13
Acetone
Concen: 8.467 ug/L
RT: 2.143 min Scan# 343
Delta R.T. 0.000 min
Lab File: VV031895.D
Acq: 24 Aug 2023 09:02

Tgt Ion: 43 Resp: 9953
Ion Ratio Lower Upper
43 100
58 18.5 0.0 37.0





#35

Methylcyclohexane

Concen: 0.910 ug/L

RT: 5.992 min Scan# 1

Delta R.T. -0.061 min

Lab File: VV031895.D

Acq: 24 Aug 2023 09:02

Instrument :

MSVOA_V

ClientSampleId :

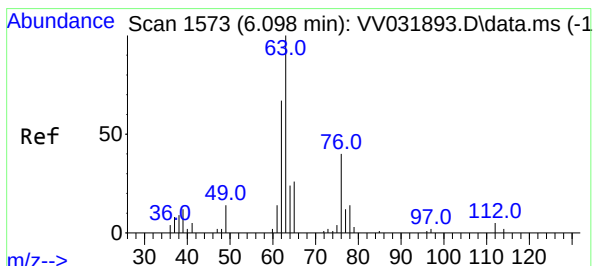
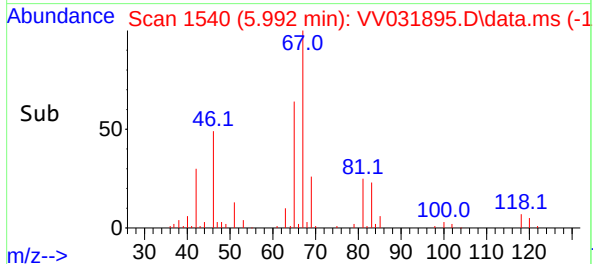
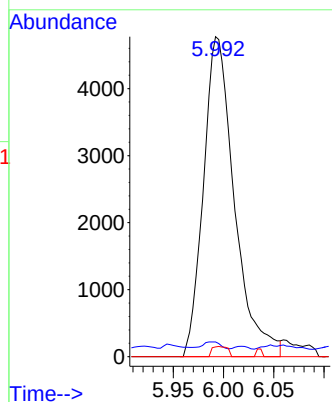
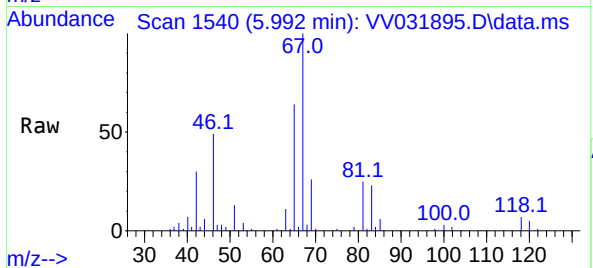
Tgt Ion: 83 Resp: 10214

Ion Ratio Lower Upper

83 100

55 1.1 62.6 94.0#

98 1.6 37.8 56.8#



#37

1,2-Dichloropropane

Concen: 0.675 ug/L

RT: 5.992 min Scan# 1540

Delta R.T. -0.106 min

Lab File: VV031895.D

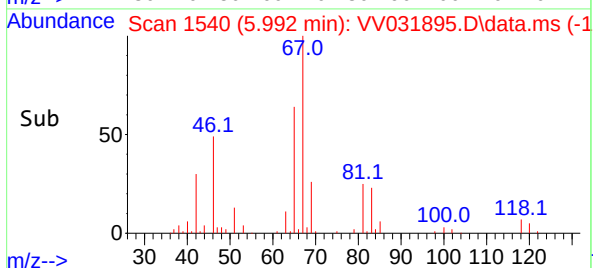
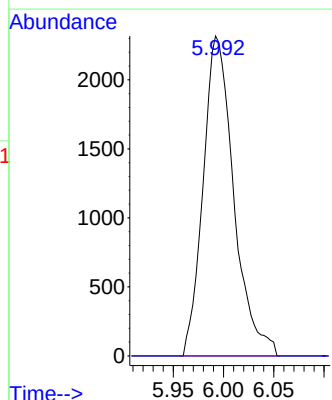
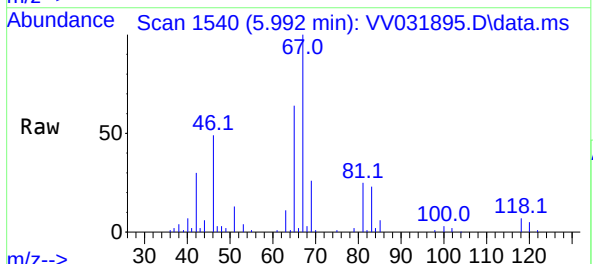
Acq: 24 Aug 2023 09:02

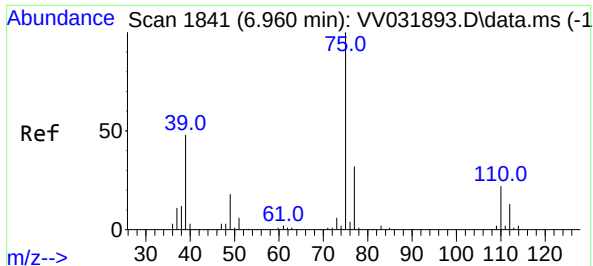
Tgt Ion: 63 Resp: 4906

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#





#39

cis-1,3-Dichloropropene

Concen: 0.094 ug/L

RT: 6.918 min Scan# 1828

Delta R.T. -0.042 min

Lab File: VV031895.D

Acq: 24 Aug 2023 09:02

Instrument :

MSVOA_V

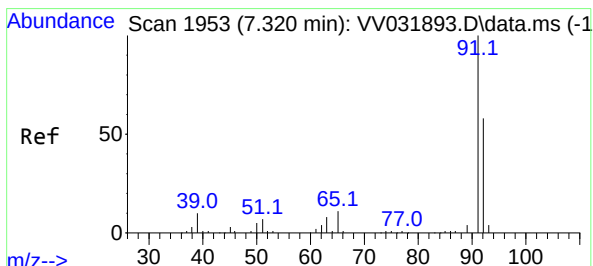
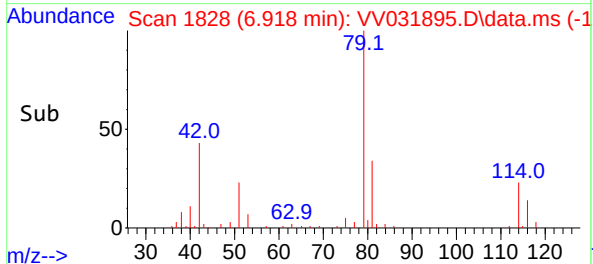
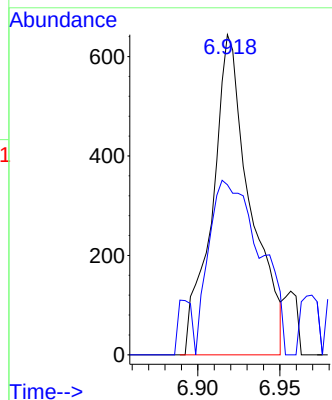
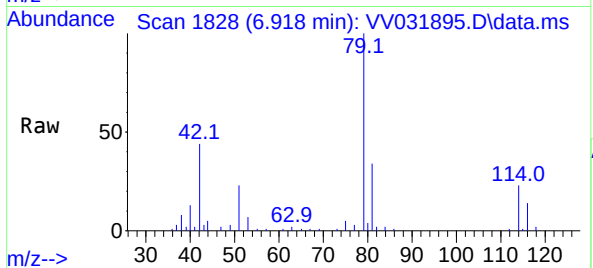
ClientSampleId :

Tgt Ion: 75 Resp: 1040

Ion Ratio Lower Upper

75 100

77 53.1 23.2 43.2#



#42

Toluene

Concen: 0.448 ug/L

RT: 7.326 min Scan# 1955

Delta R.T. 0.007 min

Lab File: VV031895.D

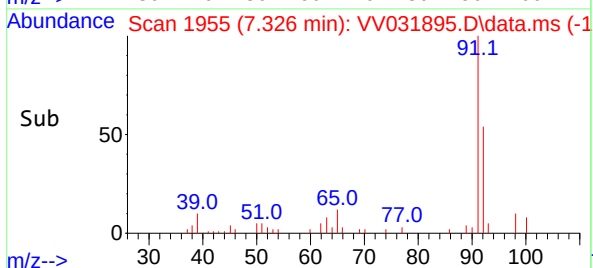
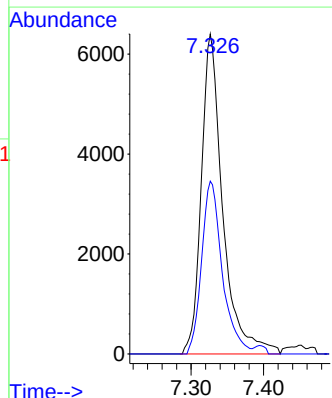
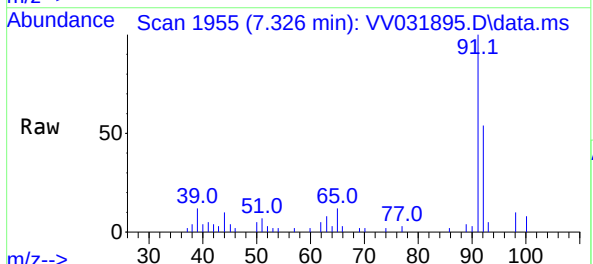
Acq: 24 Aug 2023 09:02

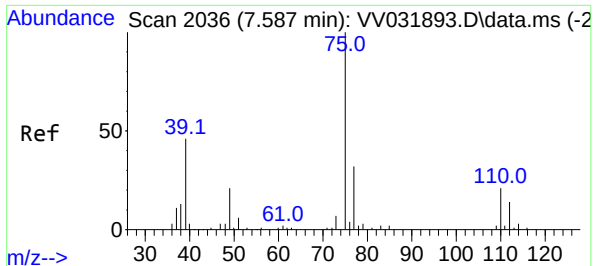
Tgt Ion: 91 Resp: 13128

Ion Ratio Lower Upper

91 100

92 54.0 40.5 75.1

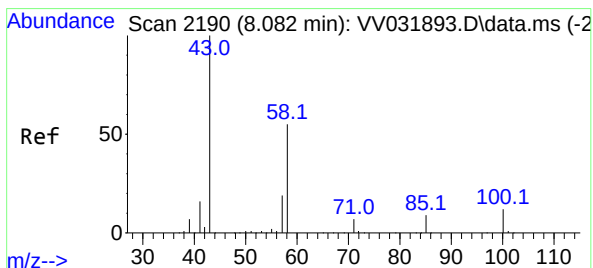
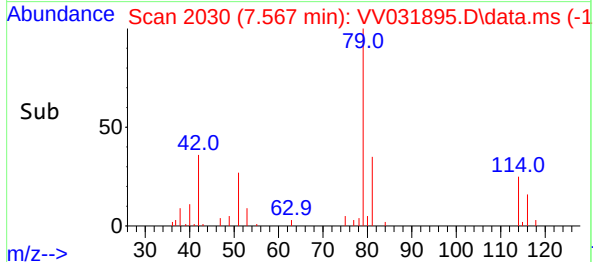
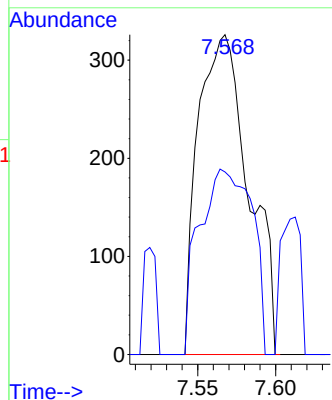
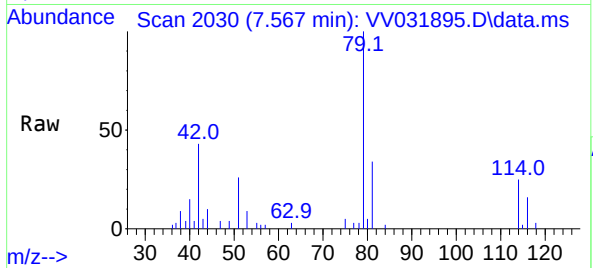




#44
trans-1,3-Dichloropropene
Concen: 0.080 ug/L
RT: 7.567 min Scan# 2036
Delta R.T. -0.019 min
Lab File: VV031895.D
Acq: 24 Aug 2023 09:02

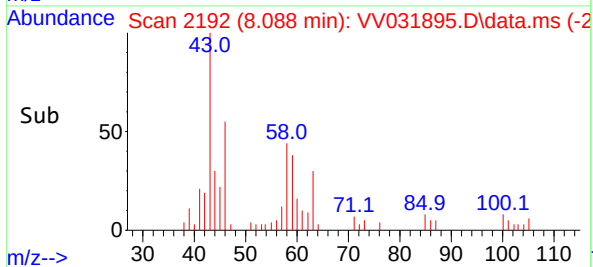
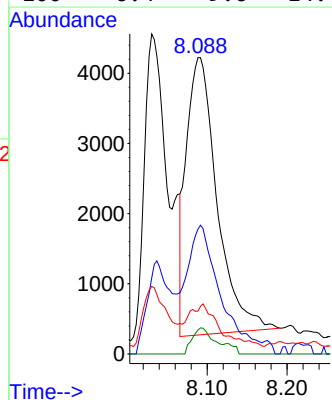
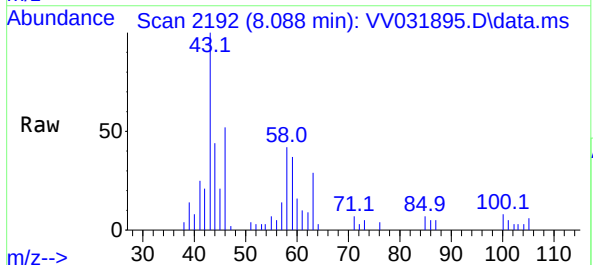
Instrument :
MSVOA_V
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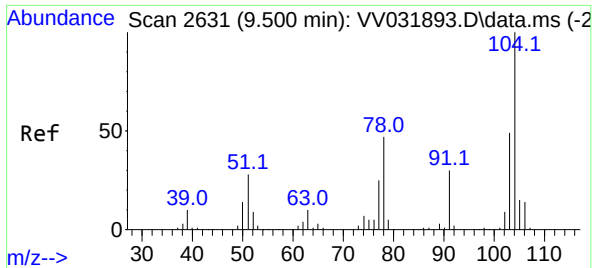
Tgt Ion: 75 Resp: 735
Ion Ratio Lower Upper
75 100
77 57.1 22.4 41.6#



#48
2-Hexanone
Concen: 3.096 ug/L
RT: 8.088 min Scan# 2192
Delta R.T. 0.007 min
Lab File: VV031895.D
Acq: 24 Aug 2023 09:02

Tgt Ion: 43 Resp: 10535
Ion Ratio Lower Upper
43 100
58 45.0 44.3 66.5
57 10.0 14.3 21.5#
100 6.4 9.6 14.4#





#55
 Styrene
 Concen: 0.172 ug/L
 RT: 9.510 min Scan# 20
 Delta R.T. 0.010 min
 Lab File: VV031895.D
 Acq: 24 Aug 2023 09:02

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion:104 Resp: 3648
 Ion Ratio Lower Upper
 104 100
 78 47.4 32.1 59.7

