

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121323\
 Data File : VW033280.D
 Acq On : 13 Dec 2023 16:47
 Operator : SY/MD
 Sample : 05731-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EOY52

Quant Time: Dec 13 23:33:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 13 23:30:39 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/16/2023
 Supervised By :Mahesh Dadoda 12/18/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	5.629	114	143074	5.000	ug/L	0.10
28) Chlorobenzene-d5	8.821	117	137248	5.000	ug/L	0.04
58) 1,4-Dichlorobenzene-d4	11.194	152	70718	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.349	65	38892	4.240	ug/L	0.07
Spiked Amount	5.000	Range 40 - 130	Recovery	=	84.800%	
7) Chloroethane-d5	1.645	69	37125	5.442	ug/L	0.11
Spiked Amount	5.000	Range 65 - 130	Recovery	=	108.800%	
11) 1,1-Dichloroethene-d2	2.179	65	17805	4.877	ug/L	0.12
Spiked Amount	5.000	Range 60 - 125	Recovery	=	97.600%	
20) 2-Butanone-d5	4.050	46	48018m	44.240	ug/L	0.22
Spiked Amount	50.000	Range 40 - 130	Recovery	=	88.480%	
24) Chloroform-d	4.378	84	78684	4.113	ug/L	0.13
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.200%	
26) 1,2-Dichloroethane-d4	5.040	65	43805	5.270	ug/L	0.10
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.400%	
32) Benzene-d6	5.043	84	170248	4.795	ug/L	0.08
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.000%	
36) 1,2-Dichloropropane-d6	6.111	67	36847	4.559	ug/L	0.12
Spiked Amount	5.000	Range 60 - 140	Recovery	=	91.200%	
41) Toluene-d8	7.317	98	153486	4.436	ug/L	0.07
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.800%	
43) trans-1,3-Dichloroprop...	7.619	79	15370	4.169	ug/L	0.06
Spiked Amount	5.000	Range 55 - 130	Recovery	=	83.400%	
46) 2-Hexanone-d5	8.082	63	37780	36.708	ug/L	0.05
Spiked Amount	50.000	Range 45 - 130	Recovery	=	73.420%	
56) 1,1,2,2-Tetrachloroeth...	10.169	84	20673	3.782	ug/L	0.02
Spiked Amount	5.000	Range 65 - 120	Recovery	=	75.600%	
66) 1,2-Dichlorobenzene-d4	11.570	152	57651	4.628	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	92.600%	
Target Compounds						
5) Vinyl chloride	1.355	62	2819	0.273	ug/L #	73
22) cis-1,2-Dichloroethene	3.957	96	106909	10.434	ug/L	95
40) 4-Methyl-2-pentanone	7.249	43	20650	7.889	ug/L	96
42) Toluene	7.394	91	15501	0.368	ug/L	98
51) Chlorobenzene	8.850	112	83326	2.888	ug/L	98
65) 1,4-Dichlorobenzene	11.220	146	10915	0.460	ug/L	96
67) 1,2-Dichlorobenzene	11.586	146	3057	0.149	ug/L #	90

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

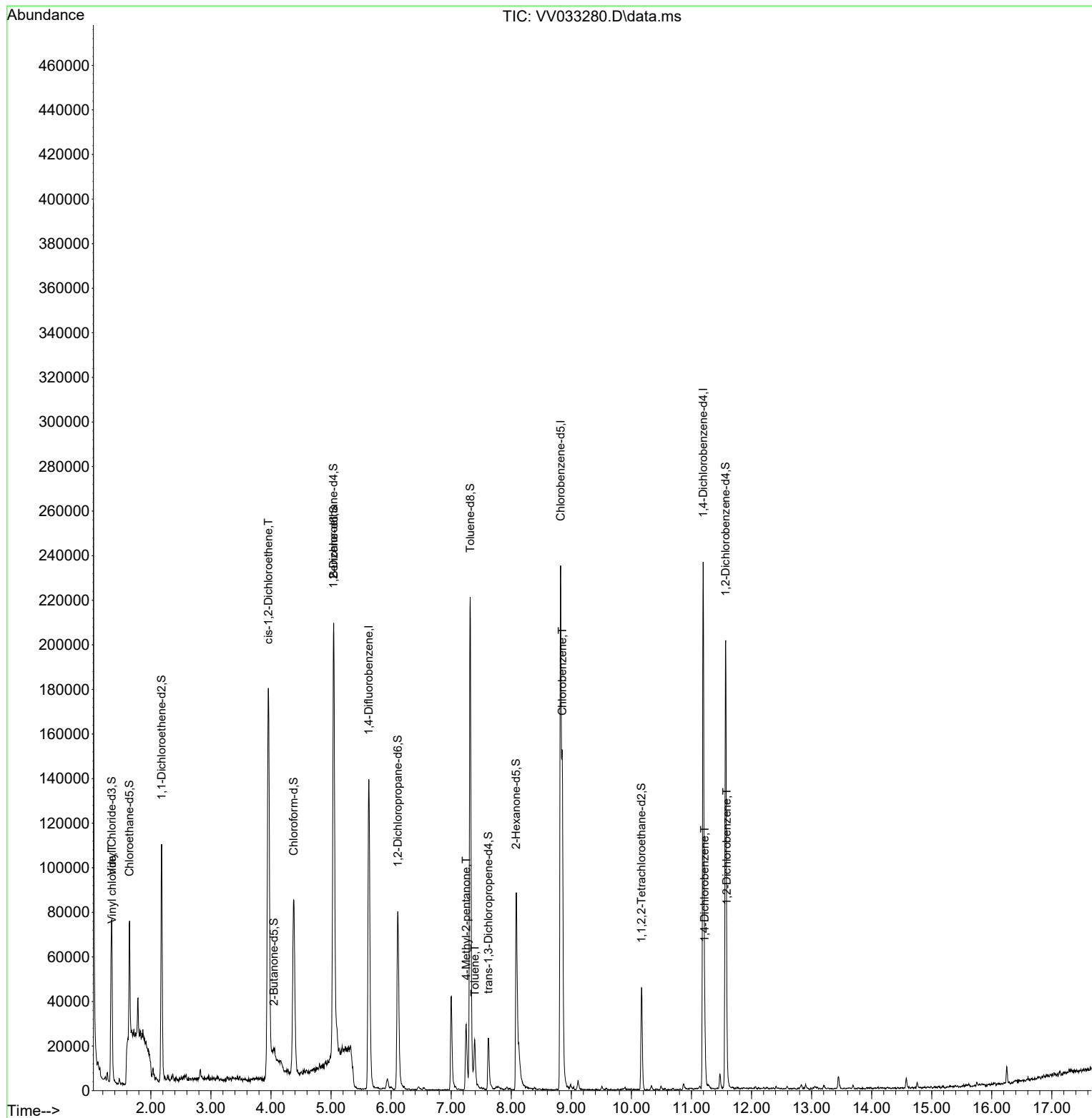
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Data File : VV033280.D
Acq On : 13 Dec 2023 16:47
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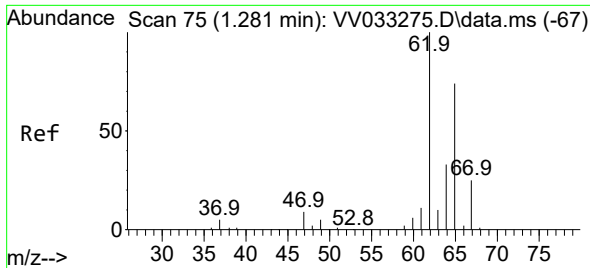
Instrument :
MSVOA_V
ClientSampleId :
E0Y52

Quant Time: Dec 13 23:33:29 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Dec 13 23:30:39 2023
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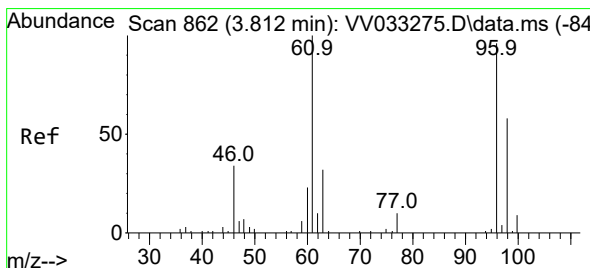
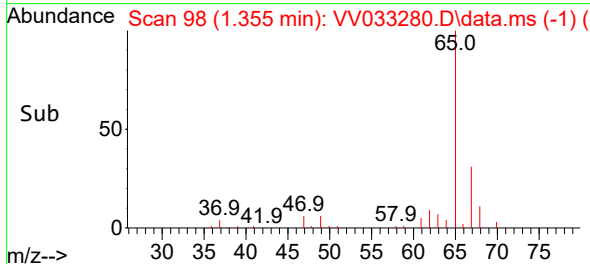
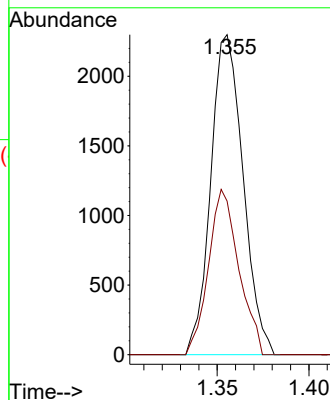
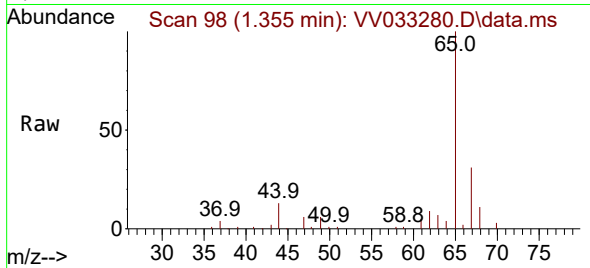
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 Vinyl chloride
 Concen: 0.273 ug/L
 RT: 1.355 min Scan# 90
 Delta R.T. 0.074 min
 Lab File: VV033280.D
 Acq: 13 Dec 2023 16:47

Instrument :
 MSVOA_V
 ClientSampleId :
 E0Y52

Tgt Ion: 62 Resp: 2819
 Ion Ratio Lower Upper
 62 100
 64 48.0 23.0 42.8

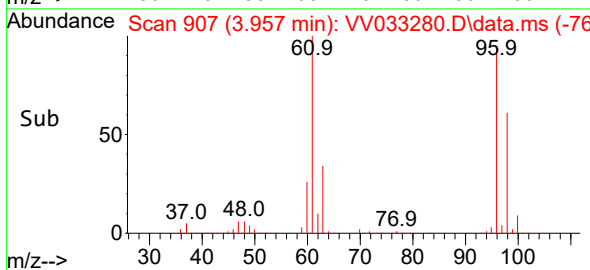
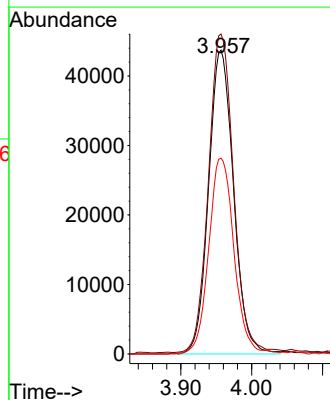
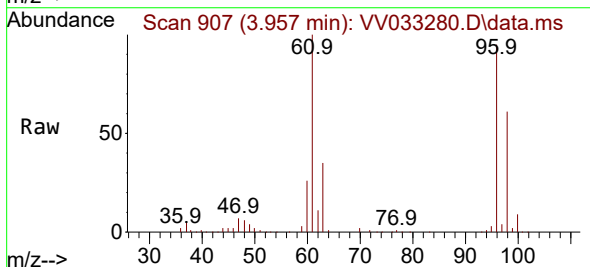
Manual Integrations
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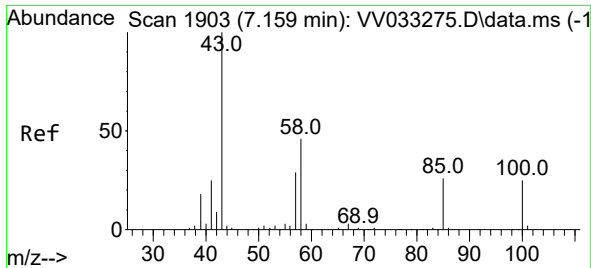
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#22
 cis-1,2-Dichloroethene
 Concen: 10.434 ug/L
 RT: 3.957 min Scan# 907
 Delta R.T. 0.145 min
 Lab File: VV033280.D
 Acq: 13 Dec 2023 16:47

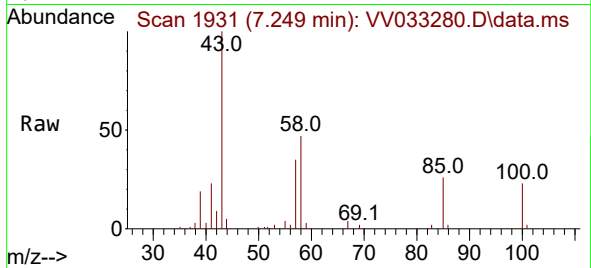
Tgt Ion: 96 Resp: 106909
 Ion Ratio Lower Upper
 96 100
 61 105.3 69.9 129.9
 98 64.5 42.4 78.8





#40
4-Methyl-2-pentanone
Concen: 7.889 ug/L
RT: 7.249 min Scan# 1903
Delta R.T. 0.090 min
Lab File: VV033280.D
Acq: 13 Dec 2023 16:47

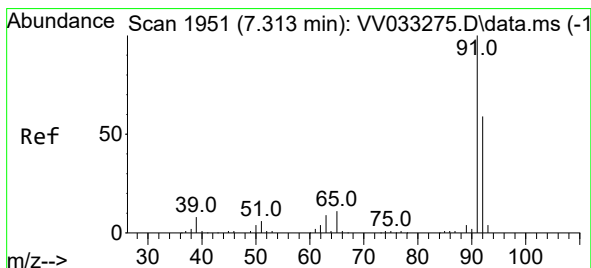
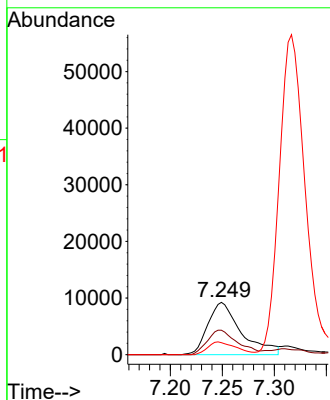
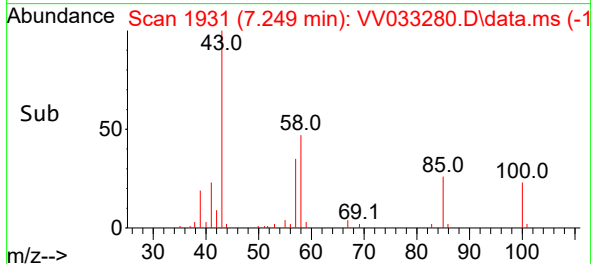
Instrument :
MSVOA_V
ClientSampleId :
E0Y52



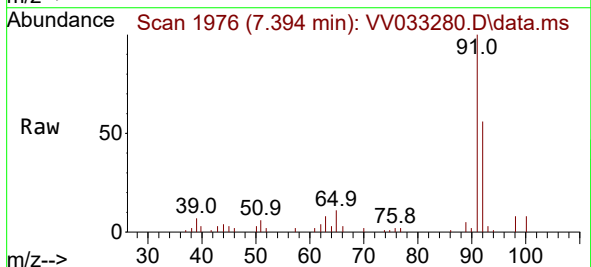
Tgt Ion: 43 Resp: 20650
Ion Ratio Lower Upper
43 100
58 42.7 36.2 54.2
100 20.8 18.8 28.2

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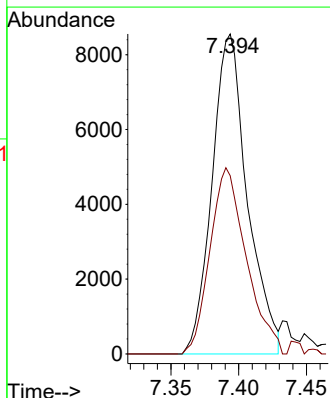
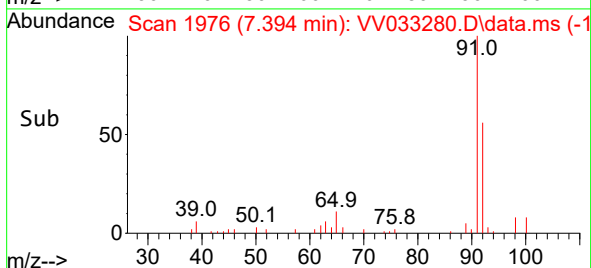
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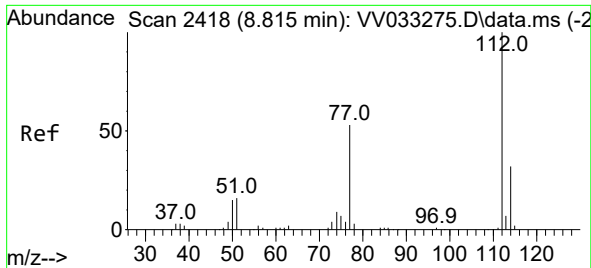


#42
Toluene
Concen: 0.368 ug/L
RT: 7.394 min Scan# 1976
Delta R.T. 0.080 min
Lab File: VV033280.D
Acq: 13 Dec 2023 16:47



Tgt Ion: 91 Resp: 15501
Ion Ratio Lower Upper
91 100
92 55.7 40.2 74.6





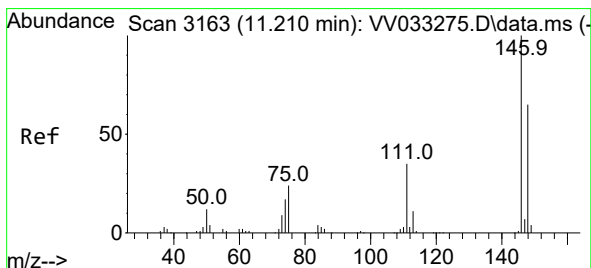
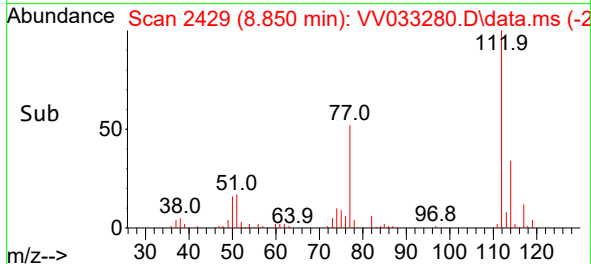
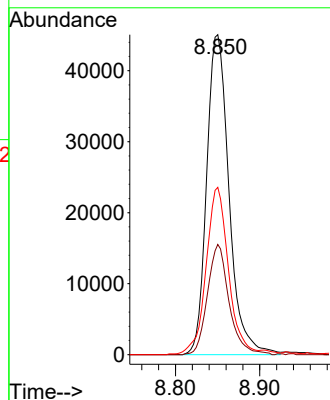
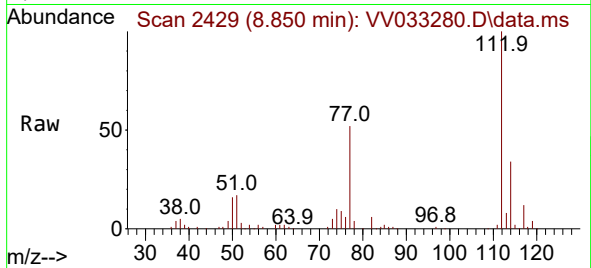
#51
Chlorobenzene
Concen: 2.888 ug/L
RT: 8.850 min Scan# 2418
Delta R.T. 0.035 min
Lab File: VV033280.D
Acq: 13 Dec 2023 16:47

Instrument :
MSVOA_V
ClientSampleId :
E0Y52

Tgt Ion:112 Resp: 83320
Ion Ratio Lower Upper
112 100
114 34.5 22.8 42.4
77 52.3 41.3 61.9

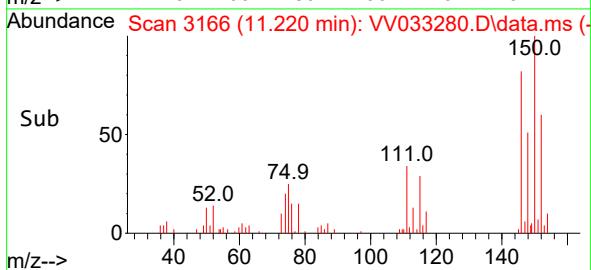
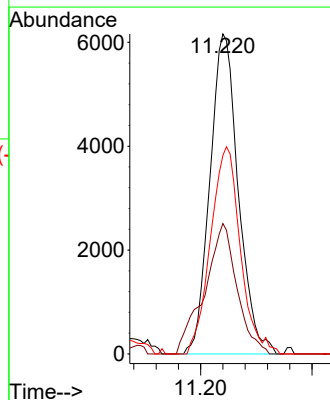
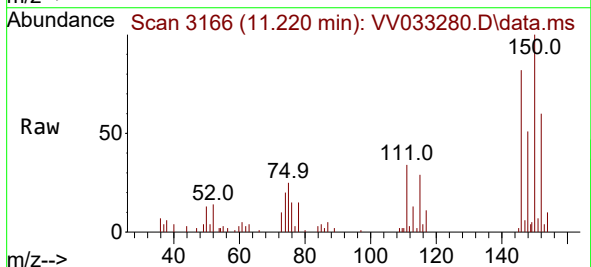
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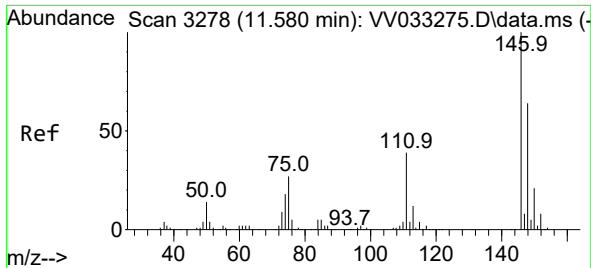
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#65
1,4-Dichlorobenzene
Concen: 0.460 ug/L
RT: 11.220 min Scan# 3166
Delta R.T. 0.010 min
Lab File: VV033280.D
Acq: 13 Dec 2023 16:47

Tgt Ion:146 Resp: 10915
Ion Ratio Lower Upper
146 100
111 40.8 25.6 47.4
148 62.0 44.7 82.9





#67

1,2-Dichlorobenzene

Concen: 0.149 ug/L

RT: 11.586 min Scan# 31

Delta R.T. 0.006 min

Lab File: VV033280.D

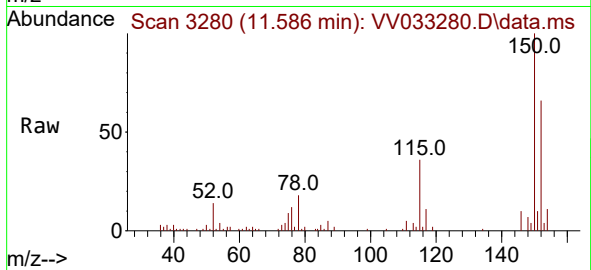
Acq: 13 Dec 2023 16:47

Instrument :

MSVOA_V

ClientSampleId :

E0Y52



Tgt Ion:	146	Resp:	305
Ion	Ratio	Lower	Upper
146	100		
111	49.2	31.0	46.4
148	70.2	52.6	79.0

Manual Integrations

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