

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121323\
 Data File : VW033308.D
 Acq On : 14 Dec 2023 04:19
 Operator : SY/MD
 Sample : 05770-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EOY80

Manual Integrations
 APPROVED

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

Quant Time: Dec 14 05:45:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 14 01:07:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	132004	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	128437	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	65832	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	44609	5.271	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	105.400%	
7) Chloroethane-d5	1.532	69	33643	5.345	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	107.000%	
11) 1,1-Dichloroethene-d2	2.060	65	17732	5.265	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	105.200%	
20) 2-Butanone-d5	3.841	46	53873m	53.797	ug/L	0.05
Spiked Amount	50.000	Range 40 - 130	Recovery	=	107.600%	
24) Chloroform-d	4.249	84	93071	5.273	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	105.400%	
26) 1,2-Dichloroethane-d4	4.944	65	42965	5.602	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	112.000%	
32) Benzene-d6	4.960	84	177236	5.335	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	106.600%	
36) 1,2-Dichloropropane-d6	5.989	67	41484	5.485	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	109.800%	
41) Toluene-d8	7.243	98	162375	5.015	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.400%	
43) trans-1,3-Dichloroprop...	7.558	79	16594	4.810	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	96.200%	
46) 2-Hexanone-d5	8.034	63	53445	55.490	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	110.980%	
56) 1,1,2,2-Tetrachloroeth...	10.156	84	27878	5.451	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	109.000%	
66) 1,2-Dichlorobenzene-d4	11.561	152	64309	5.546	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	111.000%	
Target Compounds						
14) Carbon disulfide	2.240	76	42104	1.711	ug/L	100
22) cis-1,2-Dichloroethene	3.822	96	5450	0.576	ug/L	92
34) Trichloroethene	5.838	95	4369	0.435	ug/L	96
42) Toluene	7.317	91	72809	1.847	ug/L	97
51) Chlorobenzene	8.818	112	10180	0.377	ug/L	95
63) 1,2,4-Trimethylbenzene	10.857	105	3963	0.112	ug/L	94
65) 1,4-Dichlorobenzene	11.214	146	3234	0.146	ug/L	86
67) 1,2-Dichlorobenzene	11.580	146	6971	0.365	ug/L	92

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

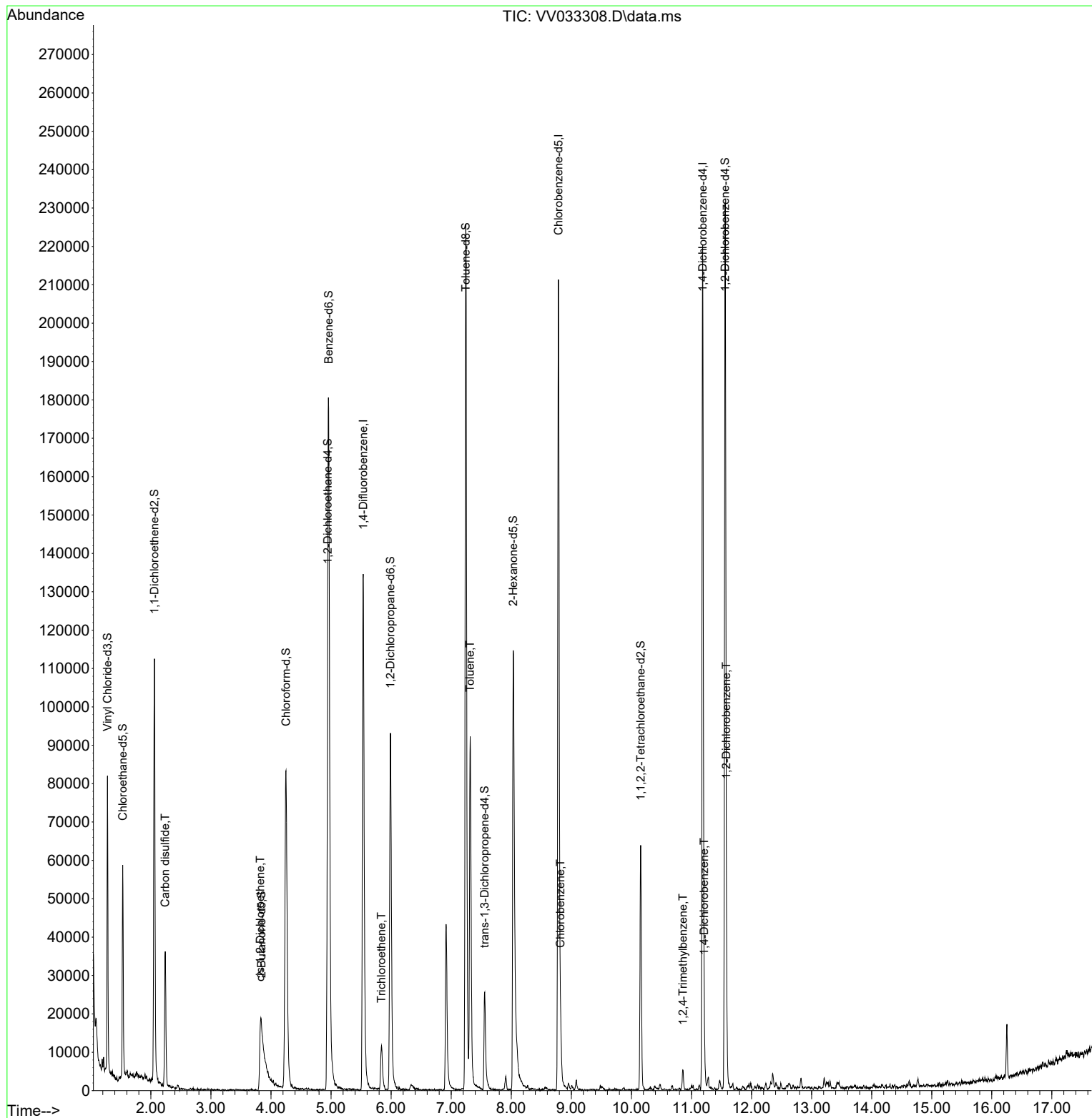
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Data File : VV033308.D
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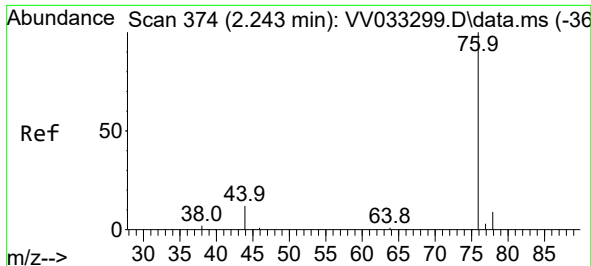
Instrument :
MSVOA_V
ClientSampleId :
EOY80

Quant Time: Dec 14 05:45:58 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 14 01:07:25 2023
Response via : Initial Calibration

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#14

Carbon disulfide

Concen: 1.711 ug/L

RT: 2.240 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV033308.D

Acq: 14 Dec 2023 04:19

Instrument :

MSVOA_V

ClientSampleId :

E0Y80

Tgt Ion: 76 Resp: 42104

Ion Ratio Lower Upper

76 100

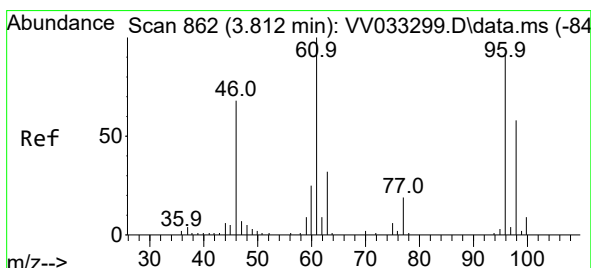
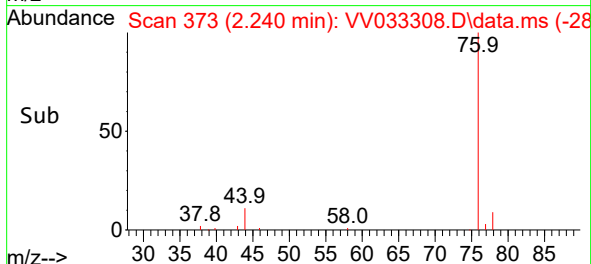
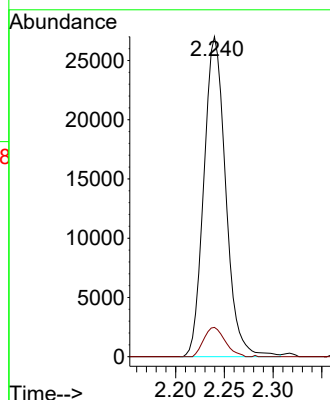
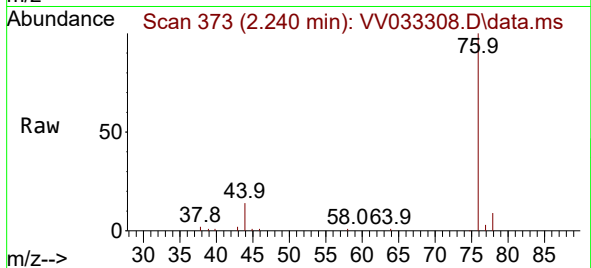
78 9.1 7.4 11.0

Manual Integrations

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#22

cis-1,2-Dichloroethene

Concen: 0.576 ug/L

RT: 3.822 min Scan# 865

Delta R.T. 0.010 min

Lab File: VV033308.D

Acq: 14 Dec 2023 04:19

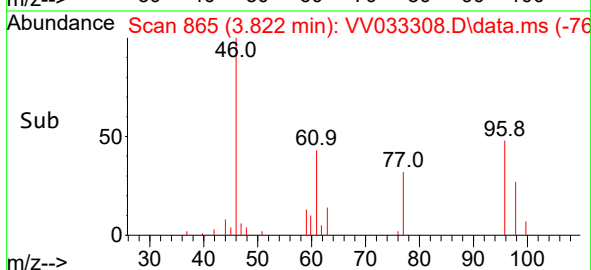
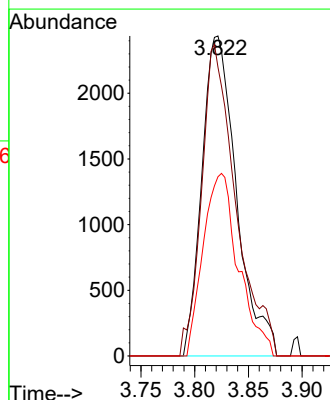
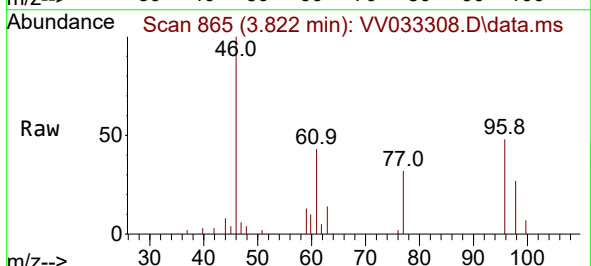
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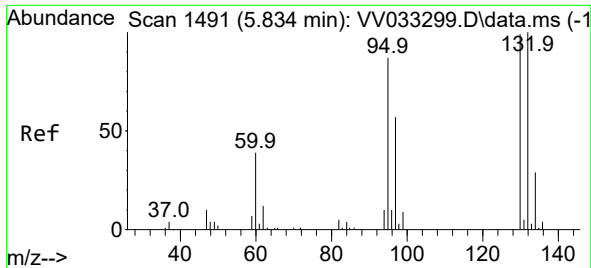
Ion Ratio Lower Upper

96 100

61 90.2 69.9 129.9

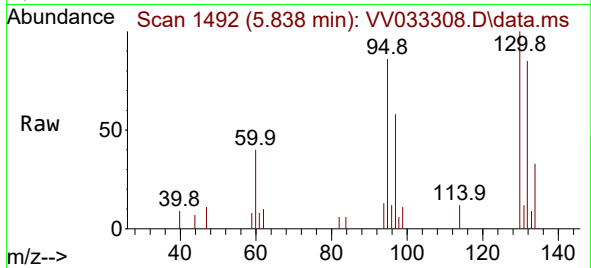
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#34
Trichloroethene
Concen: 0.435 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. 0.003 min
Lab File: VV033308.D
Acq: 14 Dec 2023 04:19

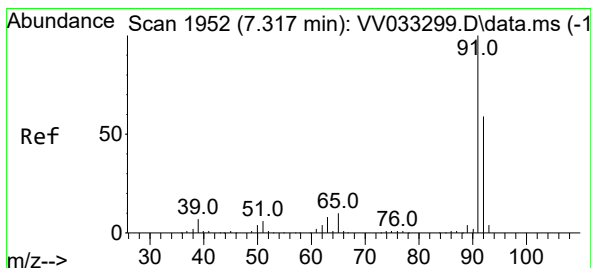
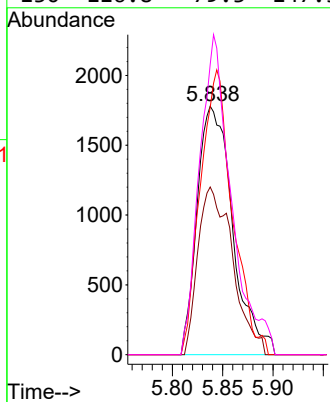
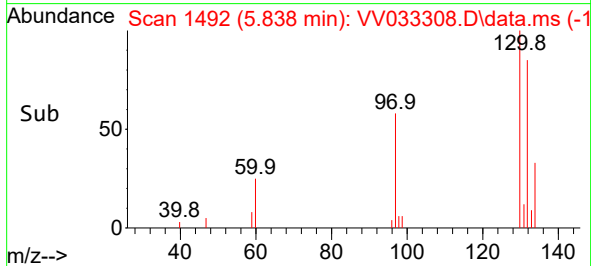
Instrument :
MSVOA_V
ClientSampleId :
E0Y80



Tgt Ion: 95 Resp: 4369
Ion Ratio Lower Upper
95 100
97 67.5 46.5 86.5
132 99.6 75.1 139.5
130 116.8 79.3 147.3

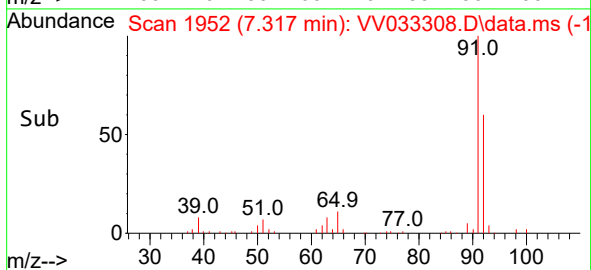
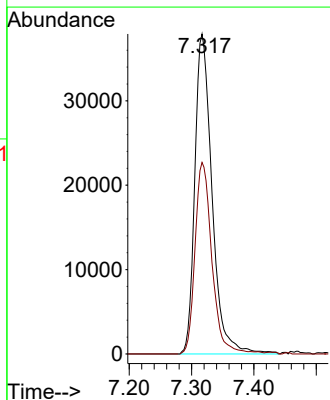
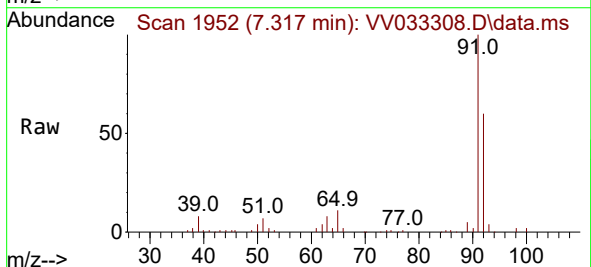
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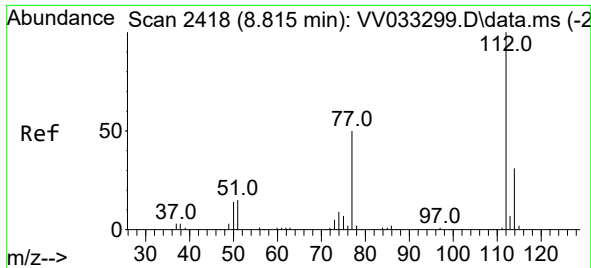
Reviewed By :Semsettin Yesilyurt 12/16/2023
Supervised By :Mahesh Dadoda 12/18/2023



#42
Toluene
Concen: 1.847 ug/L
RT: 7.317 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VV033308.D
Acq: 14 Dec 2023 04:19

Tgt Ion: 91 Resp: 72809
Ion Ratio Lower Upper
91 100
92 59.8 40.2 74.6





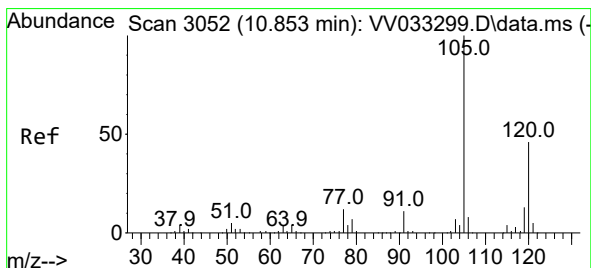
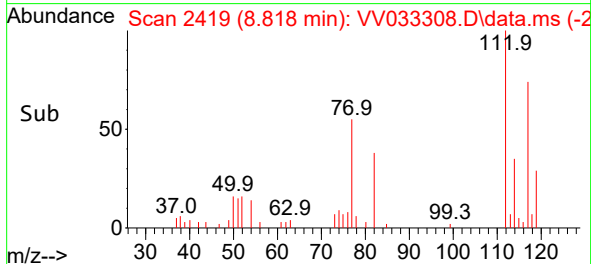
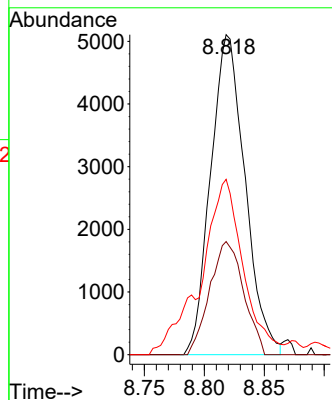
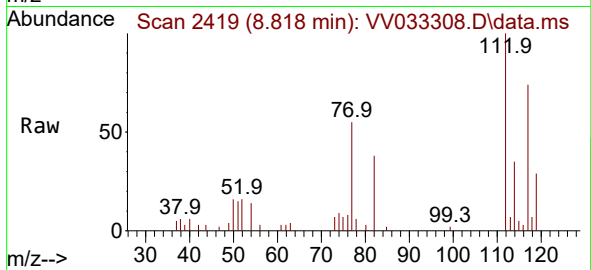
#51
Chlorobenzene
Concen: 0.377 ug/L
RT: 8.818 min Scan# 2418
Delta R.T. 0.003 min
Lab File: VV033308.D
Acq: 14 Dec 2023 04:19

Instrument :
MSVOA_V
ClientSampleId :
E0Y80

Tgt Ion:112 Resp: 10180
Ion Ratio Lower Upper
112 100
114 35.3 22.8 42.4
77 54.8 41.3 61.9

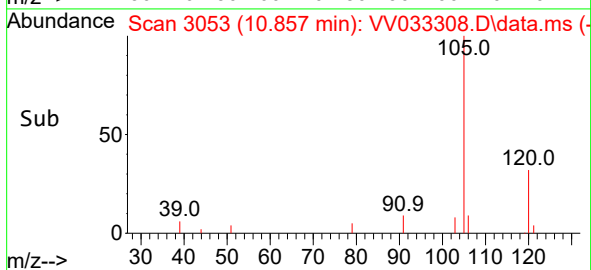
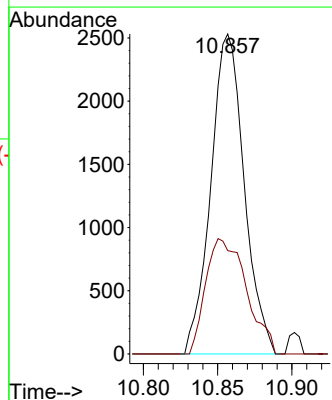
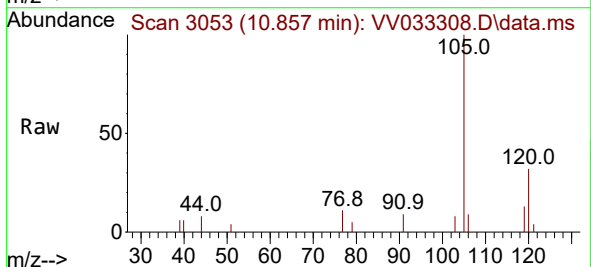
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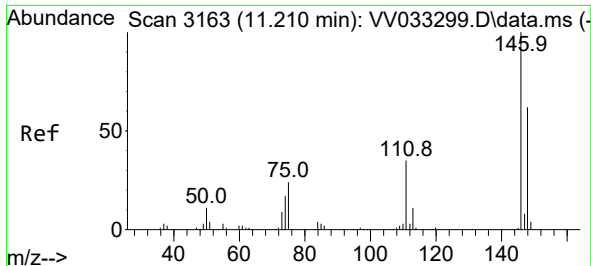
Reviewed By :Semsettin Yesilyurt 12/16/2023
Supervised By :Mahesh Dadoda 12/18/2023



#63
1,2,4-Trimethylbenzene
Concen: 0.112 ug/L
RT: 10.857 min Scan# 3053
Delta R.T. 0.003 min
Lab File: VV033308.D
Acq: 14 Dec 2023 04:19

Tgt Ion:105 Resp: 3963
Ion Ratio Lower Upper
105 100
120 43.8 38.1 57.1





#65

1,4-Dichlorobenzene

Concen: 0.146 ug/L

RT: 11.214 min Scan# 3163

Delta R.T. 0.003 min

Lab File: VV033308.D

Acq: 14 Dec 2023 04:19

Instrument :

MSVOA_V

ClientSampleId :

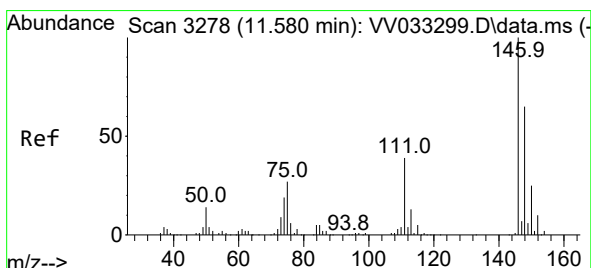
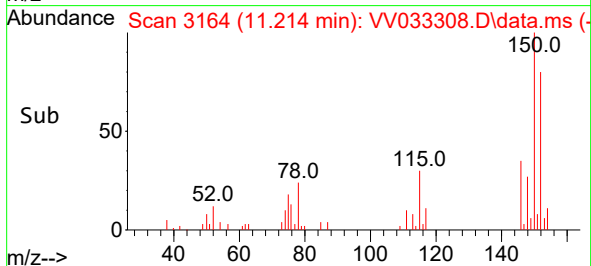
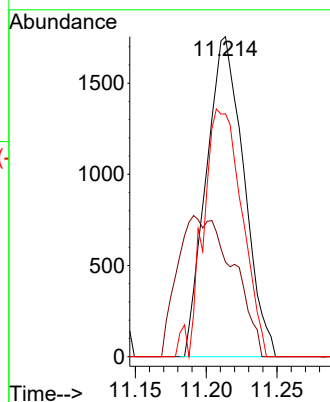
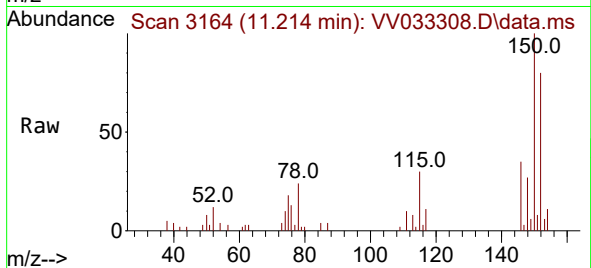
E0Y80

Tgt Ion:	146	Resp:	3234
Ion Ratio	Lower	Upper	
146	100		
111	29.5	25.6	47.4
148	75.9	44.7	82.9

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#67

1,2-Dichlorobenzene

Concen: 0.365 ug/L

RT: 11.580 min Scan# 3278

Delta R.T. 0.000 min

Lab File: VV033308.D

Acq: 14 Dec 2023 04:19

Tgt Ion:	146	Resp:	6971
Ion Ratio	Lower	Upper	
146	100		
111	37.2	31.0	46.4
148	56.5	52.6	79.0

