

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020924\
 Data File : VW034117.D
 Acq On : 09 Feb 2024 17:15
 Operator : SY/MD
 Sample : P1384-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0YD2

Quant Time: Feb 09 23:16:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 09 22:58:56 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/14/2024
 Supervised By :Semsettin Yesilyurt 02/14/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	72606	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	67551	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	34871	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	25848	4.597	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	92.000%	
7) Chloroethane-d5	1.532	69	21474	4.360	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	87.200%	
11) 1,1-Dichloroethene-d2	2.060	65	12602	4.647	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	93.000%	
20) 2-Butanone-d5	3.793	46	44740	47.374	ug/L	-0.03
Spiked Amount	50.000	Range 40 - 130	Recovery	=	94.740%	
24) Chloroform-d	4.253	84	47272	4.626	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.600%	
26) 1,2-Dichloroethane-d4	4.947	65	24585	5.149	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	103.000%	
32) Benzene-d6	4.963	84	89531	4.418	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.400%	
36) 1,2-Dichloropropane-d6	5.992	67	26450	4.669	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.400%	
41) Toluene-d8	7.246	98	83394	4.477	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.600%	
43) trans-1,3-Dichloroprop...	7.561	79	10017	4.683	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	93.600%	
46) 2-Hexanone-d5	8.027	63	41192	53.941	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	107.880%	
56) 1,1,2,2-Tetrachloroeth...	10.156	84	18117	5.275	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	105.400%	
66) 1,2-Dichlorobenzene-d4	11.561	152	29778	4.695	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	94.000%	
Target Compounds						
5) Vinyl chloride	1.282	62	2760	0.398	ug/L	82
8) Chloroethane	1.548	64	1611	0.341	ug/L	94
18) trans-1,2-Dichloroethene	2.703	96	1706	0.330	ug/L	85
19) 1,1-Dichloroethane	3.121	63	1068	0.113	ug/L #	75
22) cis-1,2-Dichloroethene	3.822	96	3086	0.527	ug/L	95
30) Cyclohexane	4.590	56	3224m	0.366	ug/L	
33) Benzene	5.015	78	77892	3.844	ug/L	100
34) Trichloroethene	5.851	95	762	0.130	ug/L	92
35) Methylcyclohexane	6.050	83	3833	0.416	ug/L	95
42) Toluene	7.323	91	11838	0.547	ug/L	93
51) Chlorobenzene	8.818	112	24470	1.787	ug/L	97
52) Ethylbenzene	8.957	91	2448	0.098	ug/L	97
53) m,p-Xylene	9.082	106	1689	0.179	ug/L	94
63) 1,2,4-Trimethylbenzene	10.857	105	3393	0.160	ug/L	90
67) 1,2-Dichlorobenzene	11.580	146	1574	0.163	ug/L #	82

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

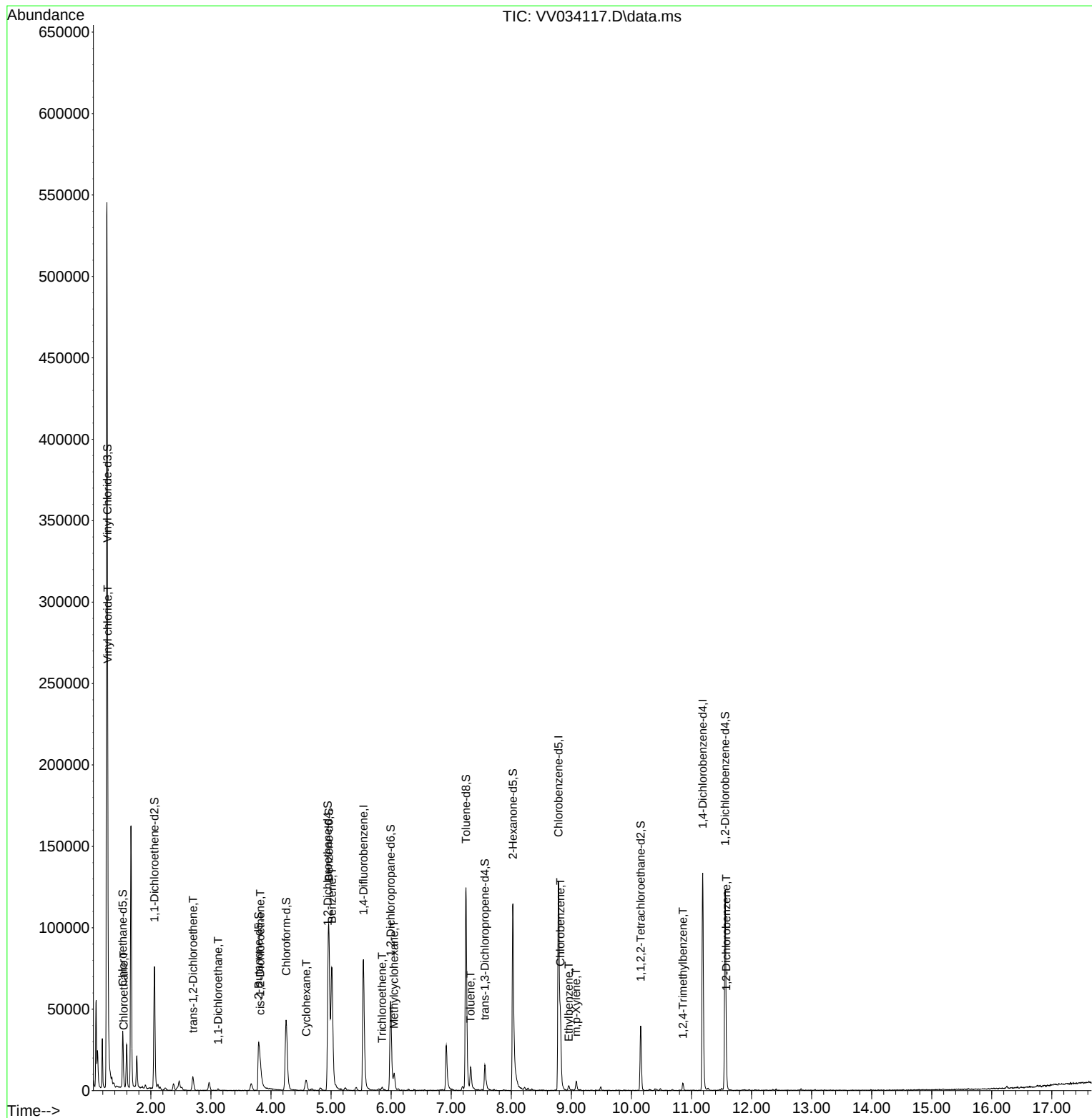
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020924\
Data File : VV034117.D
Acq On : 09 Feb 2024 17:15
Operator : SY/MD
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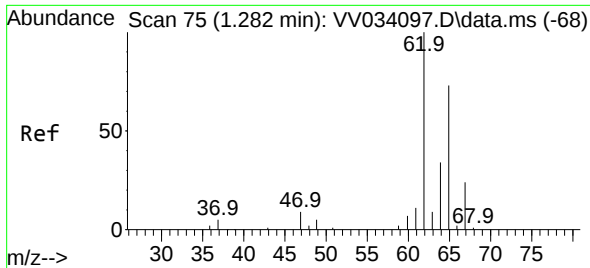
Instrument :
MSVOA_V
ClientSampleId :
E0YD2

Manual Integrations
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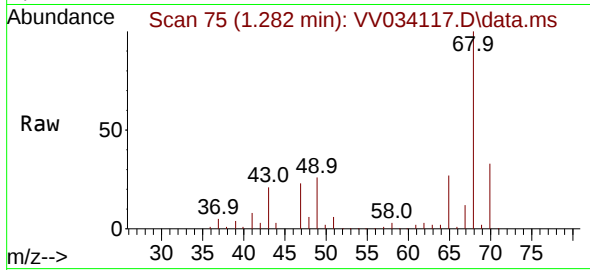
Quant Time: Feb 09 23:16:57 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Feb 09 22:58:56 2024
Response via : Initial Calibration





#5
 Vinyl chloride
 Concen: 0.398 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV034117.D
 Acq: 09 Feb 2024 17:15

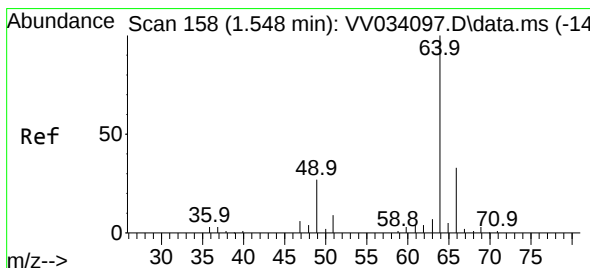
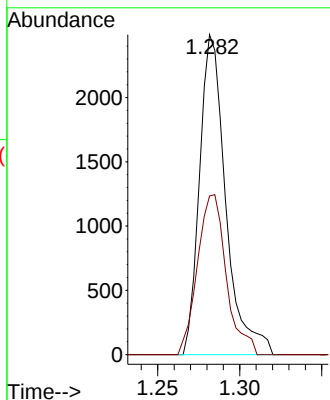
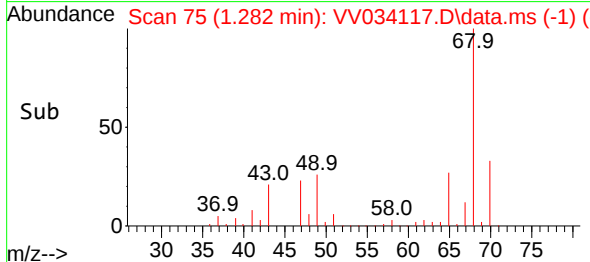
Instrument :
 MSVOA_V
 ClientSampleId :
 E0YD2



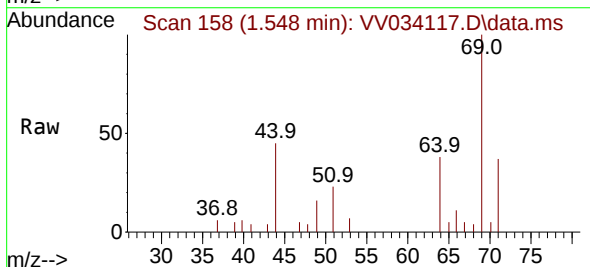
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 Ion Ratio Lower Upper
 62 100
 64 49.6 27.2 50.4

Manual Integrations
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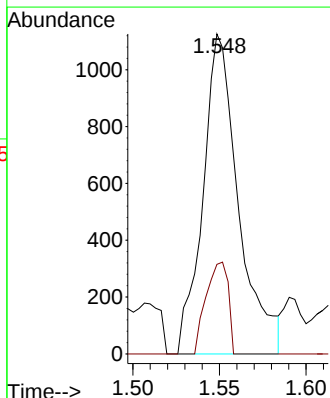
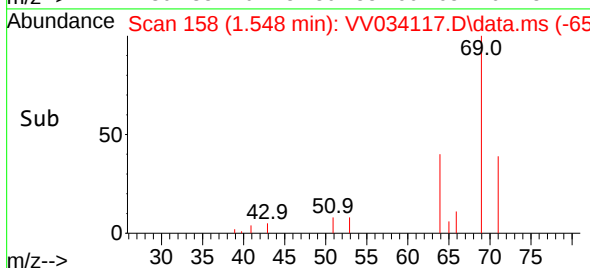
Reviewed By :Mahesh Dadoda 02/14/2024
 Supervised By :Semsettin Yesilyurt 02/14/2024

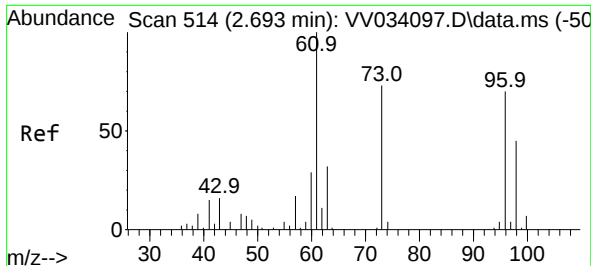


#8
 Chloroethane
 Concen: 0.341 ug/L
 RT: 1.548 min Scan# 158
 Delta R.T. 0.000 min
 Lab File: VV034117.D
 Acq: 09 Feb 2024 17:15



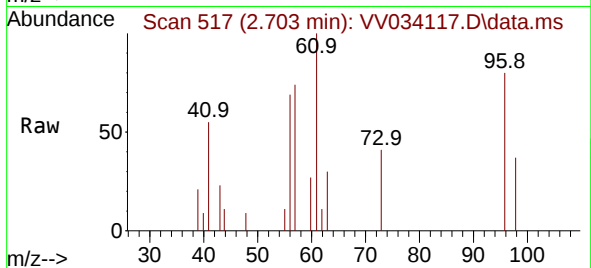
Tgt Ion: 64 Resp: 1611
 Ion Ratio Lower Upper
 64 100
 66 28.0 22.0 41.0





#18
trans-1,2-Dichloroethene
Concen: 0.330 ug/L
RT: 2.703 min Scan# 514
Delta R.T. 0.010 min
Lab File: VV034117.D
Acq: 09 Feb 2024 17:15

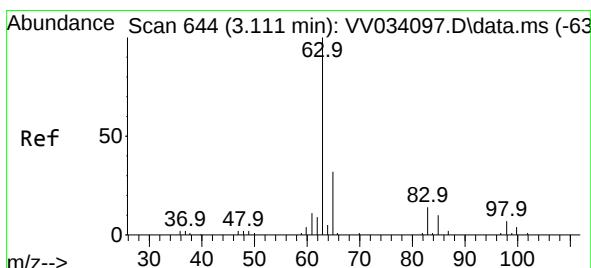
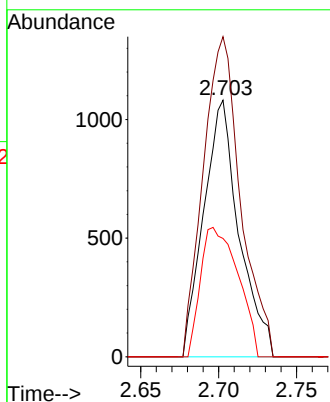
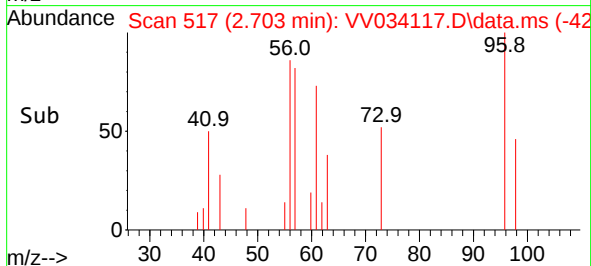
Instrument :
MSVOA_V
ClientSampleId :
E0YD2



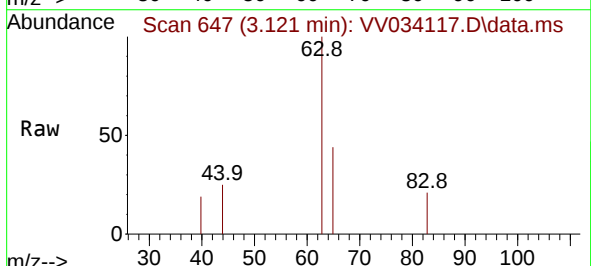
Tgt Ion: 96 Resp: 1700
Ion Ratio Lower Upper
96 100
61 124.8 97.6 181.4
98 46.2 44.4 82.5

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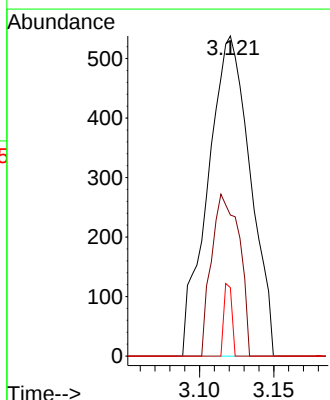
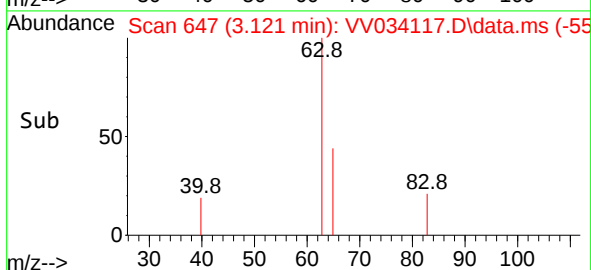
Reviewed By :Mahesh Dadoda 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024

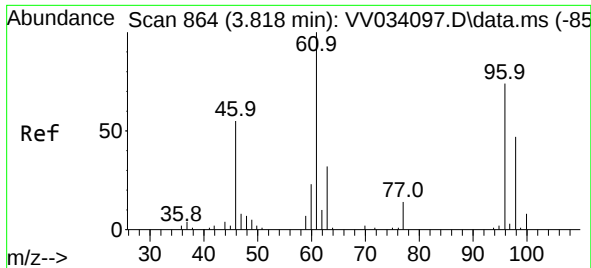


#19
1,1-Dichloroethane
Concen: 0.113 ug/L
RT: 3.121 min Scan# 647
Delta R.T. 0.010 min
Lab File: VV034117.D
Acq: 09 Feb 2024 17:15



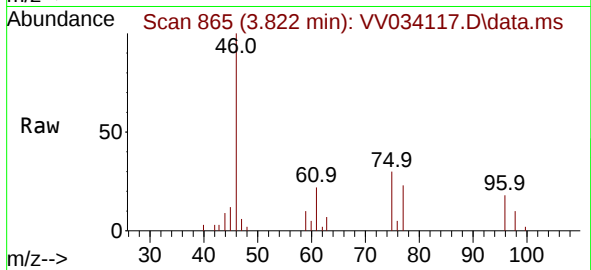
Tgt Ion: 63 Resp: 1068
Ion Ratio Lower Upper
63 100
65 44.1 20.8 38.6#
83 21.4 9.4 17.4#





#22
 cis-1,2-Dichloroethene
 Concen: 0.527 ug/L
 RT: 3.822 min Scan# 80
 Delta R.T. 0.003 min
 Lab File: VV034117.D
 Acq: 09 Feb 2024 17:15

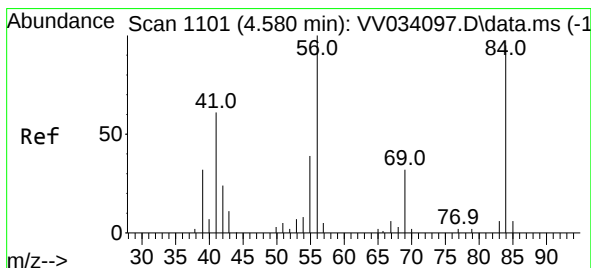
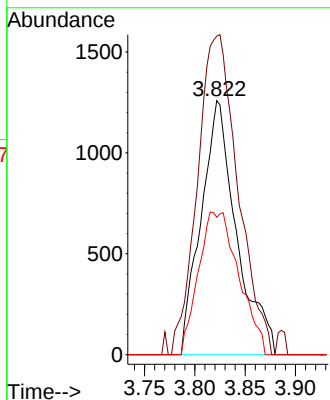
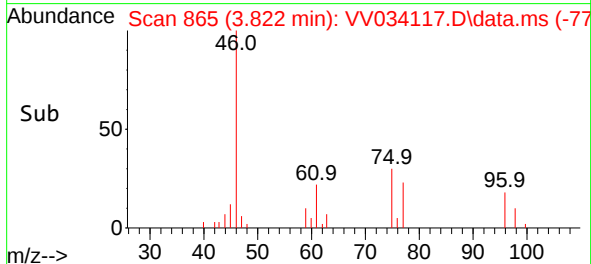
Instrument :
 MSVOA_V
 ClientSampleId :
 E0YD2



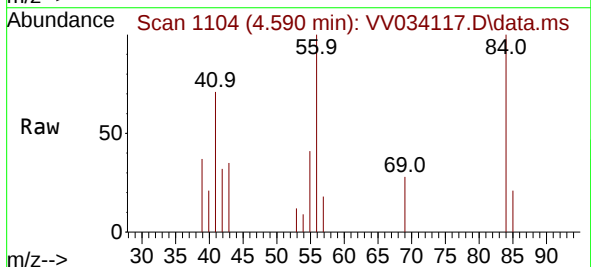
Tgt Ion: 96 Resp: 3080
 Ion Ratio Lower Upper
 96 100
 61 125.4 90.3 167.7
 98 54.1 43.2 80.2

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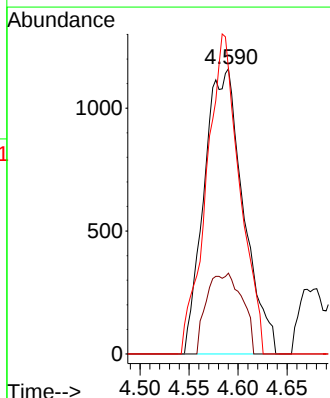
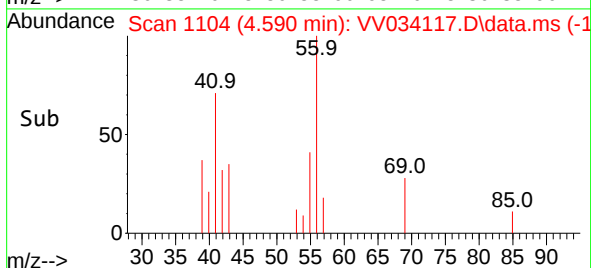
Reviewed By :Mahesh Dadoda 02/14/2024
 Supervised By :Semsettin Yesilyurt 02/14/2024

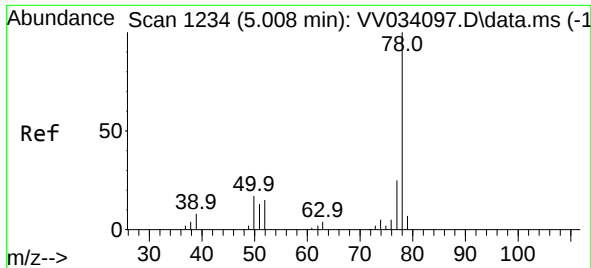


#30
 Cyclohexane
 Concen: 0.366 ug/L m
 RT: 4.590 min Scan# 1104
 Delta R.T. 0.010 min
 Lab File: VV034117.D
 Acq: 09 Feb 2024 17:15



Tgt Ion: 56 Resp: 3224
 Ion Ratio Lower Upper
 56 100
 69 12.2 24.2 36.2#
 84 95.2 70.0 105.0





#33

Benzene

Concen: 3.844 ug/L

RT: 5.015 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV034117.D

Acq: 09 Feb 2024 17:15

Instrument :

MSVOA_V

ClientSampleId :

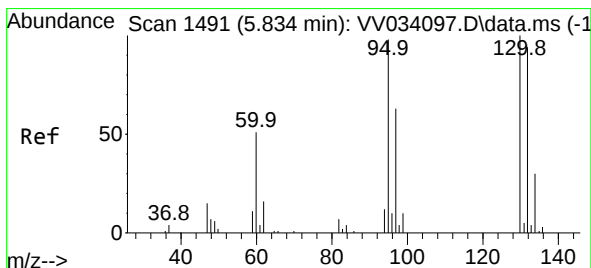
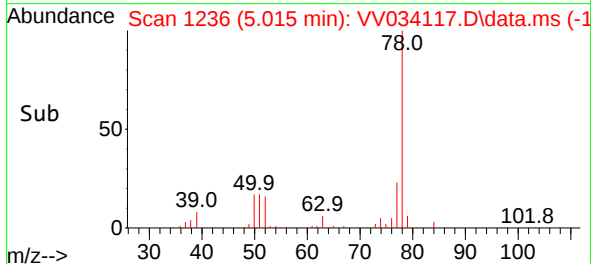
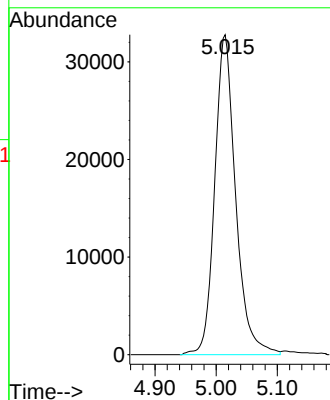
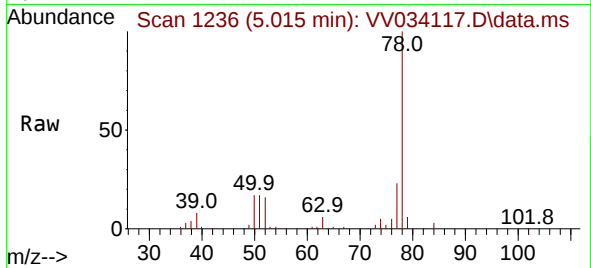
E0YD2

Tgt Ion: 78 Resp: 7789

Manual Integrations

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Reviewed By :Mahesh Dadoda 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024



#34

Trichloroethene

Concen: 0.130 ug/L

RT: 5.851 min Scan# 1496

Delta R.T. 0.016 min

Lab File: VV034117.D

Acq: 09 Feb 2024 17:15

Tgt Ion: 95 Resp: 762

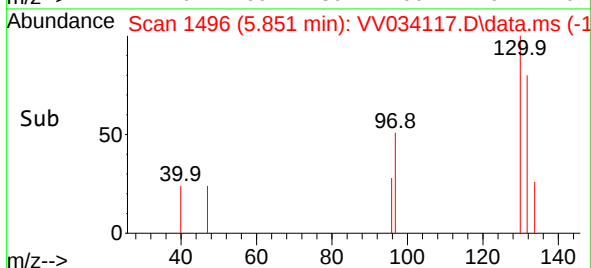
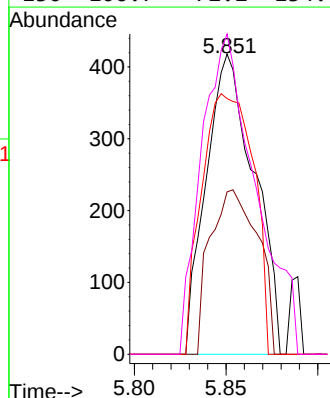
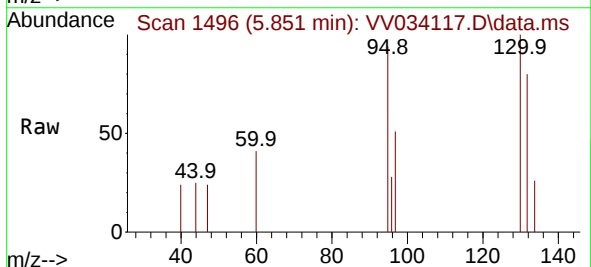
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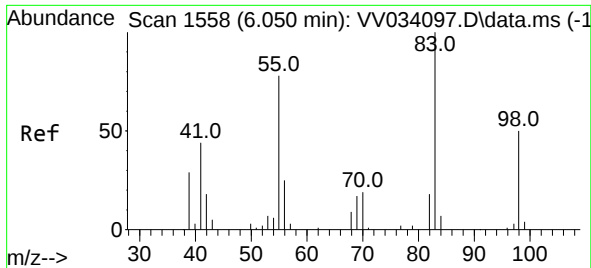
95 100

97 54.1 45.1 83.7

132 85.2 66.0 122.6

130 106.7 72.2 134.0





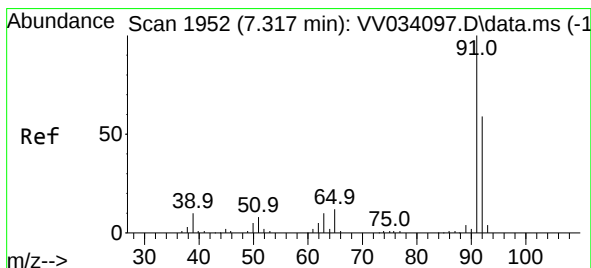
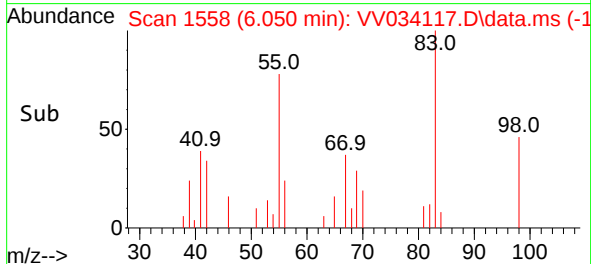
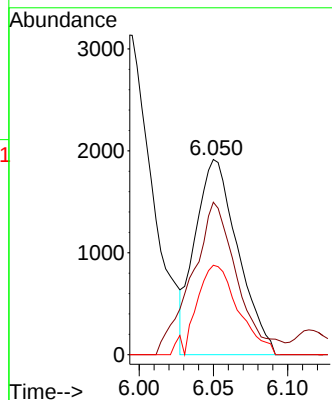
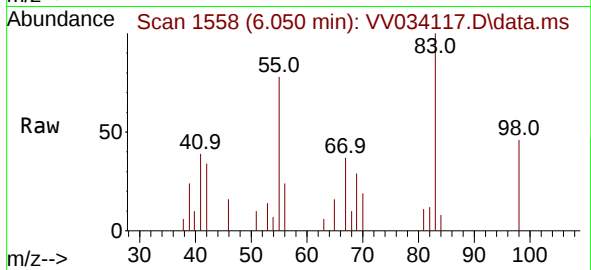
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Methylcyclohexane
Concen: 0.416 ug/L
RT: 6.050 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV034117.D
Acq: 09 Feb 2024 17:15

Instrument :
MSVOA_V
ClientSampleId :
E0YD2

Tgt Ion: 83 Resp: 383
Ion Ratio Lower Upper
83 100
55 83.1 63.5 95.3
98 44.8 39.0 58.4

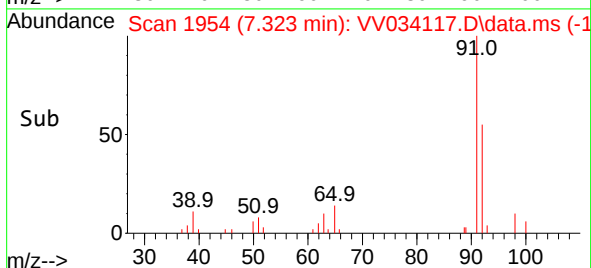
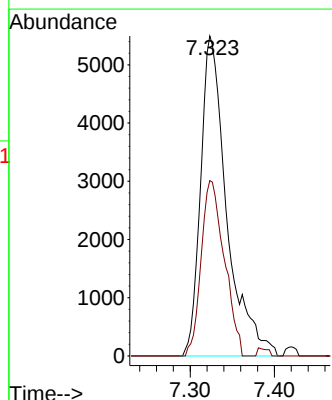
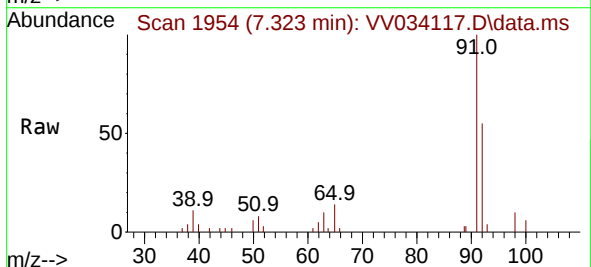
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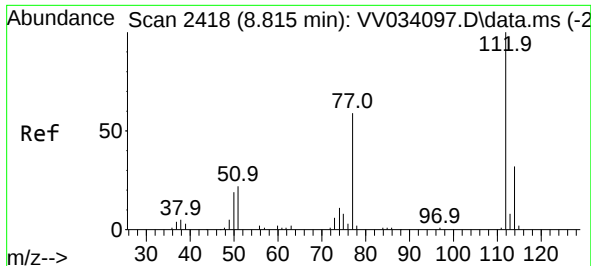
Reviewed By :Mahesh Dadoda 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024



#42
Toluene
Concen: 0.547 ug/L
RT: 7.323 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VV034117.D
Acq: 09 Feb 2024 17:15

Tgt Ion: 91 Resp: 11838
Ion Ratio Lower Upper
91 100
92 54.8 42.1 78.3





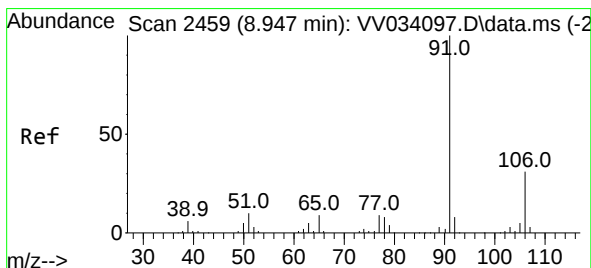
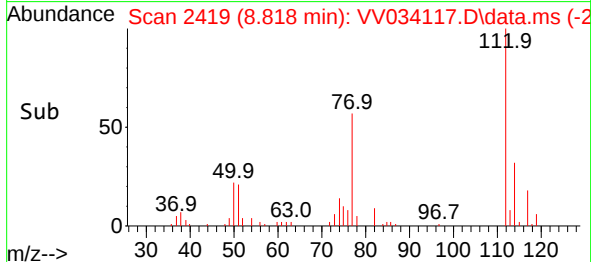
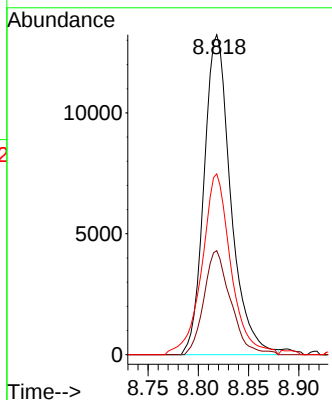
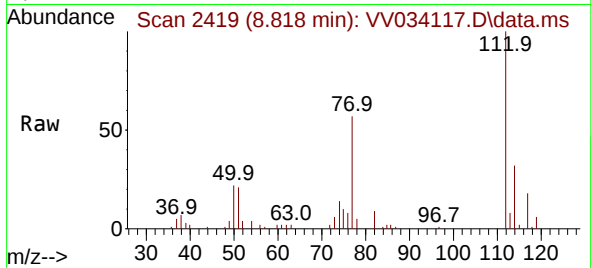
#51
Chlorobenzene
Concen: 1.787 ug/L
RT: 8.818 min Scan# 2418
Delta R.T. 0.003 min
Lab File: VV034117.D
Acq: 09 Feb 2024 17:15

Instrument :
MSVOA_V
ClientSampleId :
E0YD2

Tgt Ion:112 Resp: 24470
Ion Ratio Lower Upper
112 100
114 32.5 22.5 41.7
77 56.5 48.1 72.1

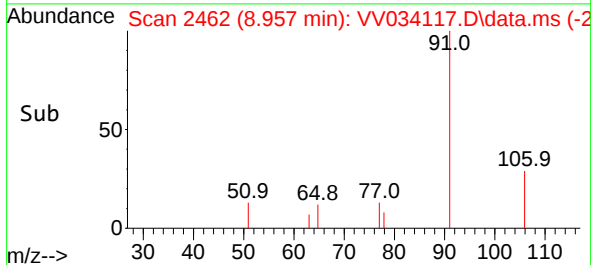
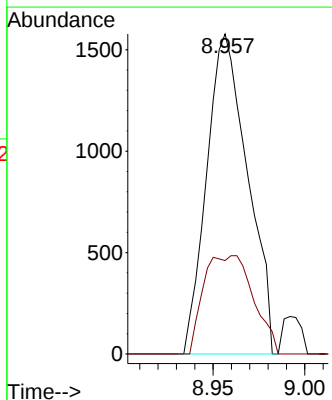
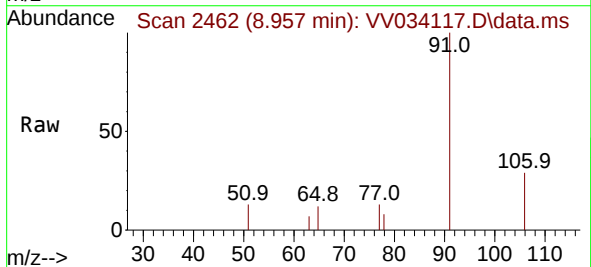
Manual Integrations
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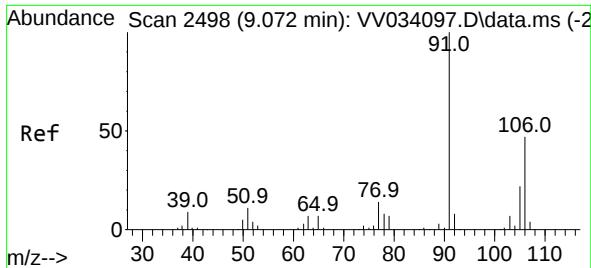
Reviewed By :Mahesh Dadoda 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024



#52
Ethylbenzene
Concen: 0.098 ug/L
RT: 8.957 min Scan# 2462
Delta R.T. 0.010 min
Lab File: VV034117.D
Acq: 09 Feb 2024 17:15

Tgt Ion: 91 Resp: 2448
Ion Ratio Lower Upper
91 100
106 29.2 21.4 39.8





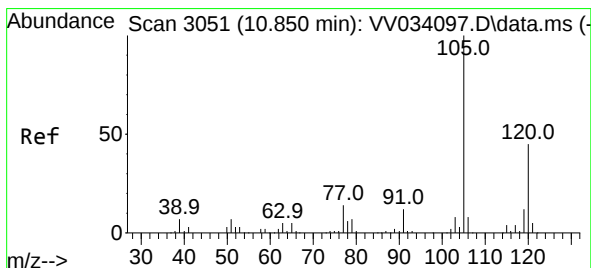
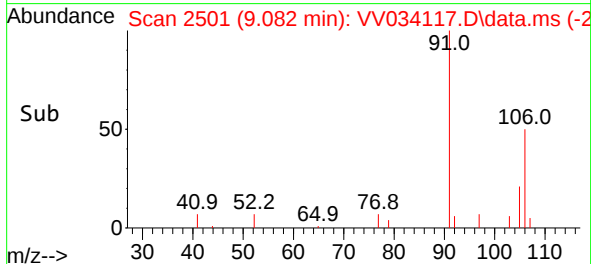
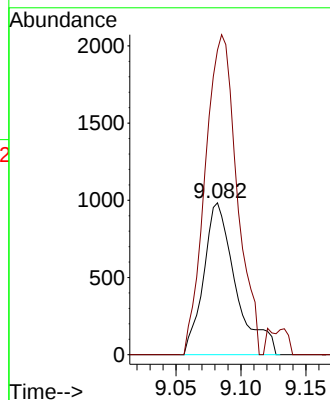
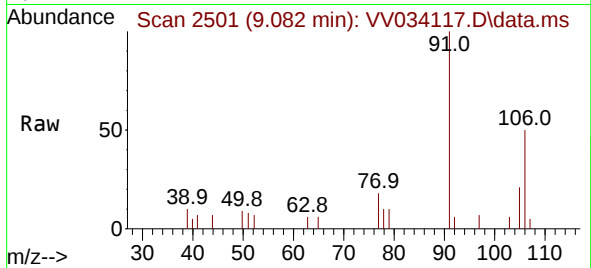
#53
m,p-Xylene
Concen: 0.179 ug/L
RT: 9.082 min Scan# 2498
Delta R.T. 0.010 min
Lab File: VV034117.D
Acq: 09 Feb 2024 17:15

Instrument :
MSVOA_V
ClientSampleId :
E0YD2

Tgt Ion:106 Resp: 1689
Ion Ratio Lower Upper
106 100
91 200.6 147.5 273.9

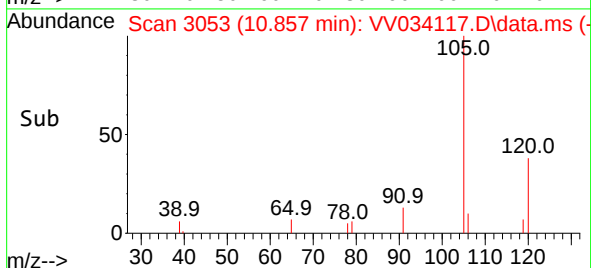
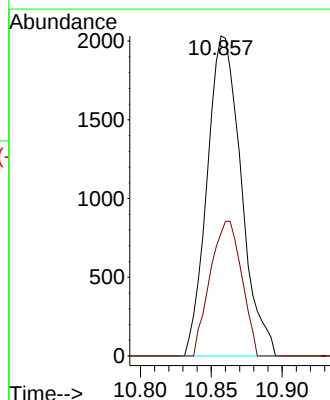
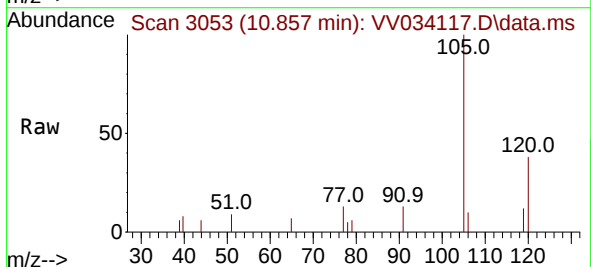
Manual Integrations
APPROVED

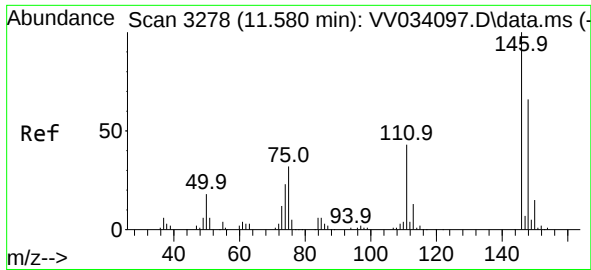
Reviewed By :Mahesh Dadoda 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024



#63
1,2,4-Trimethylbenzene
Concen: 0.160 ug/L
RT: 10.857 min Scan# 3053
Delta R.T. 0.006 min
Lab File: VV034117.D
Acq: 09 Feb 2024 17:15

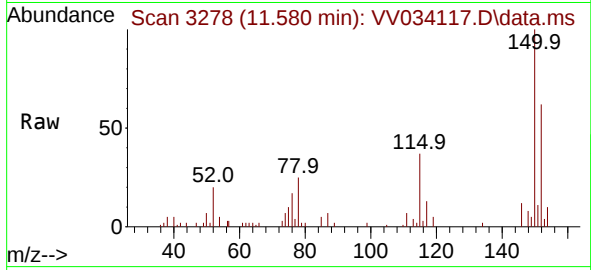
Tgt Ion:105 Resp: 3393
Ion Ratio Lower Upper
105 100
120 38.9 36.2 54.2





#67
 1,2-Dichlorobenzene
 Concen: 0.163 ug/L
 RT: 11.580 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV034117.D
 Acq: 09 Feb 2024 17:15

Instrument :
 MSVOA_V
 ClientSampleId :
 E0YD2



Tgt Ion:146 Resp: 1574

Ion	Ratio	Lower	Upper
146	100		
111	61.3	31.2	46.8
148	67.7	49.8	74.8

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/14/2024
 Supervised By :Semsettin Yesilyurt 02/14/2024

