

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111023\
 Data File : VW032909.D
 Acq On : 10 Nov 2023 22:42
 Operator : SY/MD
 Sample : 05296-09 10X
 Misc : 5.96gm/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH3S2

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/11/2023
 Supervised By :Mahesh Dadoda 11/13/2023

Quant Time: Nov 11 01:30:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 08 01:37:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	391653	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	386372	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	210123	50.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.278	65	131131	35.202	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.400%
7) Chloroethane-d5	1.523	69	125551	40.299	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.600%
11) 1,1-Dichloroethene-d2	2.056	65	58896	38.278	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.560%
21) 2-Butanone-d5	3.783	46	145178	89.850	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.850%
24) Chloroform-d	4.249	84	251182	42.244	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.480%
26) 1,2-Dichloroethane-d4	4.940	65	166724	45.116	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.240%
32) Benzene-d6	4.960	84	492316	49.558	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.120%
36) 1,2-Dichloropropane-d6	5.989	67	159859	52.967	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.940%
41) Toluene-d8	7.243	98	454506	46.465	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.920%
43) trans-1,3-Dichloroprop...	7.555	79	77252	49.147	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.300%
47) 2-Hexanone-d5	8.024	63	116801	106.008	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.010%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	223247	48.745	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.500%
66) 1,2-Dichlorobenzene-d4	11.561	152	208006	51.370	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.740%

Target Compounds

						Qvalue
20) cis-1,2-Dichloroethene	3.815	96	13622m	4.412	ug/L	
42) Toluene	7.323	91	42029	3.602	ug/L	99
46) Tetrachloroethene	7.911	164	4784	1.859	ug/L	85
51) Chlorobenzene	8.818	112	43660	5.286	ug/L	95
52) Ethylbenzene	8.947	91	461435	35.853	ug/L	99
53) m,p-Xylene	9.072	106	2071746	422.952	ug/L	99
54) o-Xylene	9.480	106	1166524	245.823	ug/L	97
60) Isopropylbenzene	9.873	105	16480	1.293	ug/L	# 95
62) 1,3,5-Trimethylbenzene	10.480	105	19562	1.951	ug/L	94
63) 1,2,4-Trimethylbenzene	10.857	105	43734	4.559	ug/L	98
64) 1,3-Dichlorobenzene	11.120	146	59932	9.028	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	340617	48.628	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	116522	17.193	ug/L	94
70) 1,2,4-trichlorobenzene	13.201	180	1028058	248.048	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	439307	106.161	ug/L	100

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

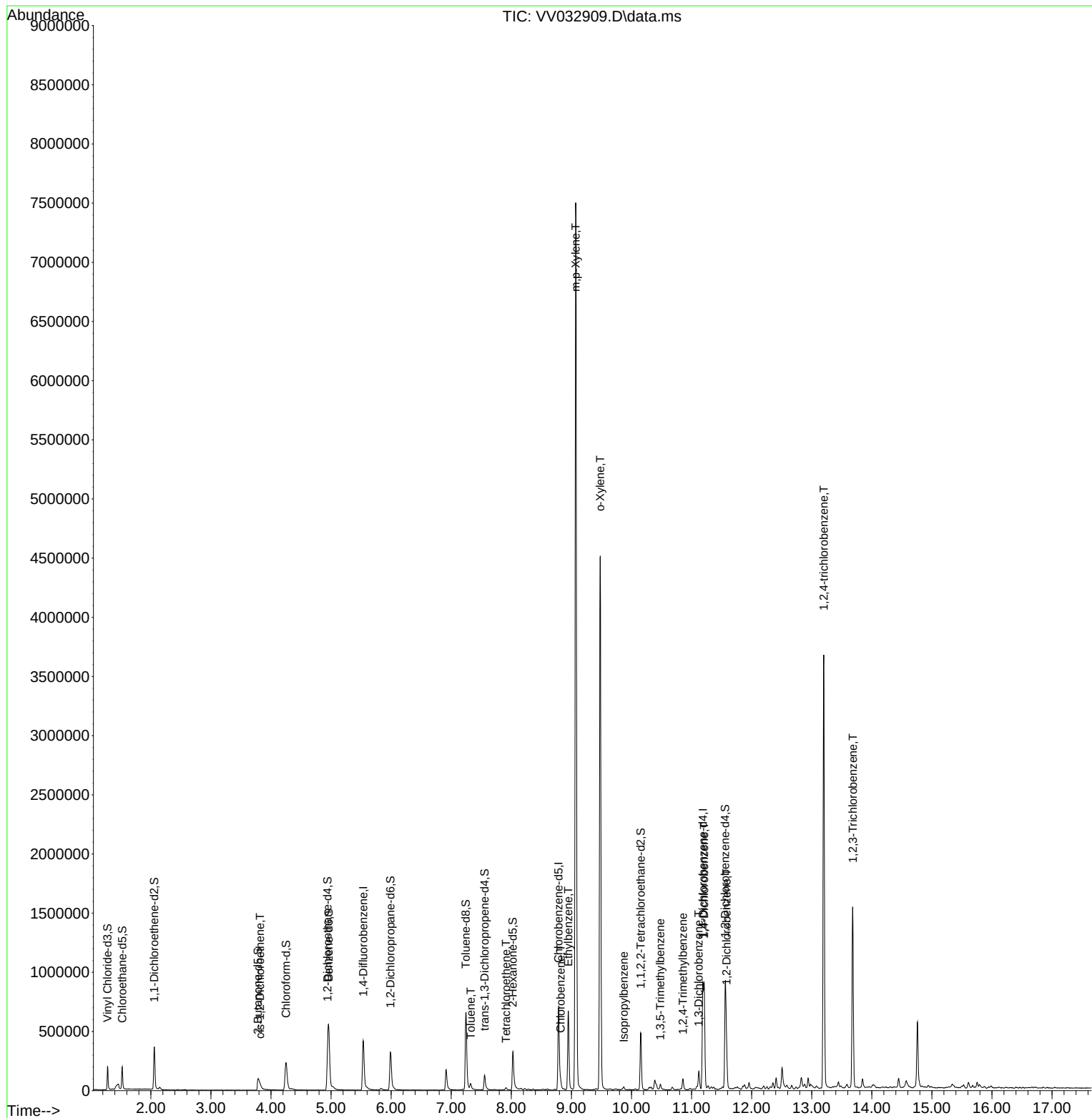
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111023\
Data File : VV032909.D
Acq On : 10 Nov 2023 22:42
Operator : SY/MD
Sample : 05296-09 10X
Misc : 5.96gm/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 30 Sample Multiplier: 1

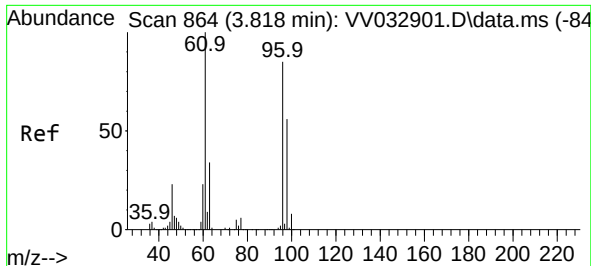
Instrument :
MSVOA_V
ClientSampleId :
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Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023

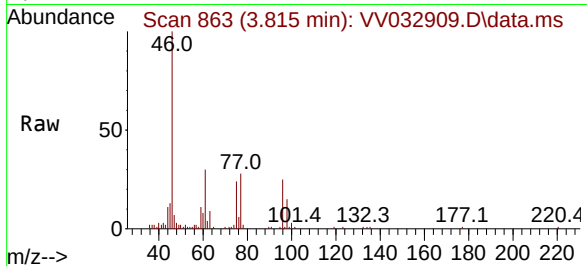
Quant Time: Nov 11 01:30:53 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103123WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 08 01:37:19 2023
Response via : Initial Calibration





#20
cis-1,2-Dichloroethene
Concen: 4.412 ug/L m
RT: 3.815 min Scan# 863
Delta R.T. -0.000 min
Lab File: VV032909.D
Acq: 10 Nov 2023 22:42

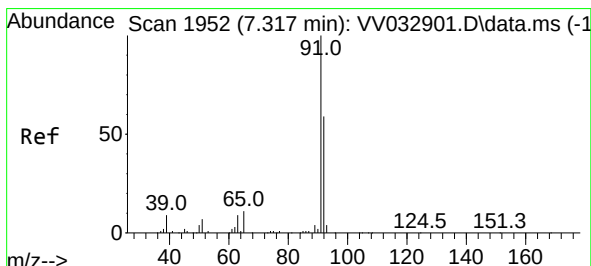
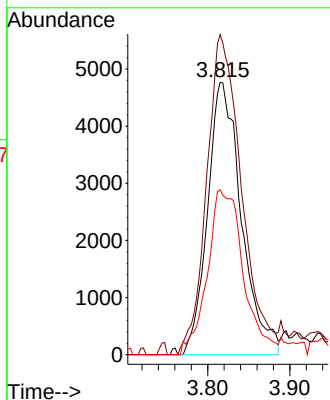
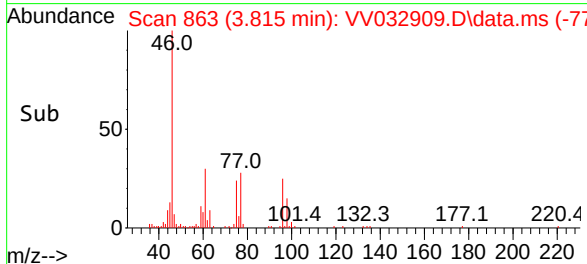
Instrument :
MSVOA_V
ClientSampleId :
BH3S2



Tgt Ion: 96 Resp: 1362
Ion Ratio Lower Upper
96 100
61 117.5 83.3 154.7
98 60.5 44.2 82.2

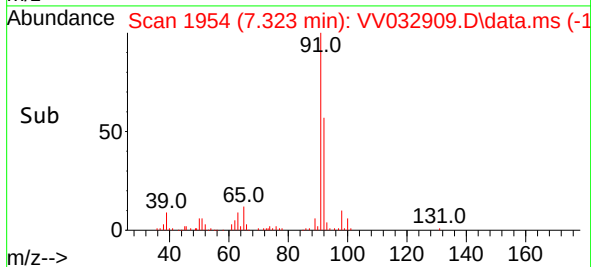
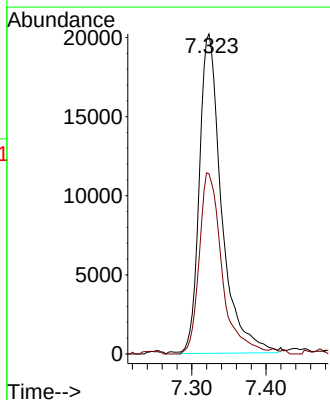
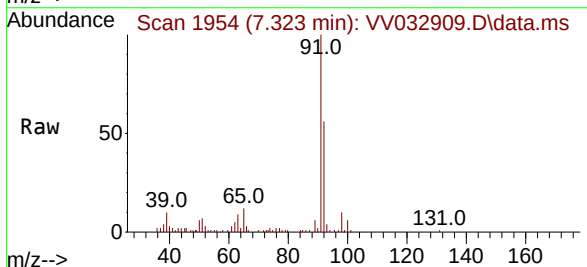
Manual Integrations
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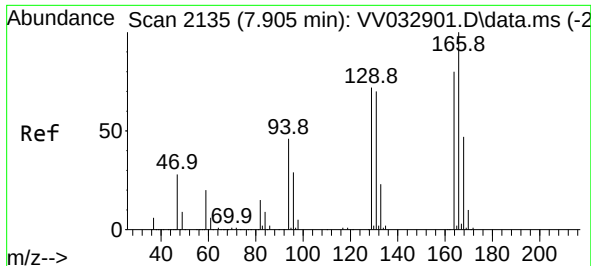
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023



#42
Toluene
Concen: 3.602 ug/L
RT: 7.323 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VV032909.D
Acq: 10 Nov 2023 22:42

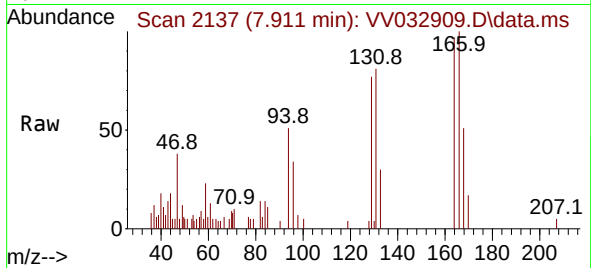
Tgt Ion: 91 Resp: 42029
Ion Ratio Lower Upper
91 100
92 56.3 40.0 74.2





#46
Tetrachloroethene
Concen: 1.859 ug/L
RT: 7.911 min Scan# 2135
Delta R.T. 0.006 min
Lab File: VV032909.D
Acq: 10 Nov 2023 22:42

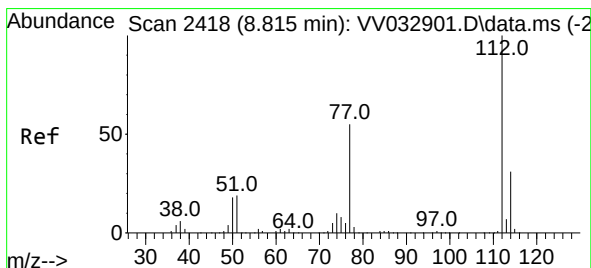
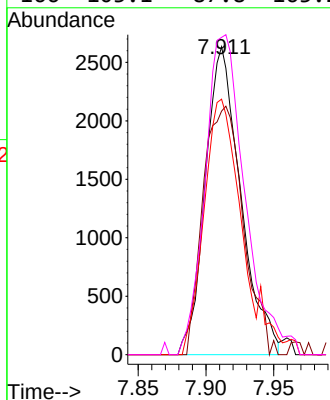
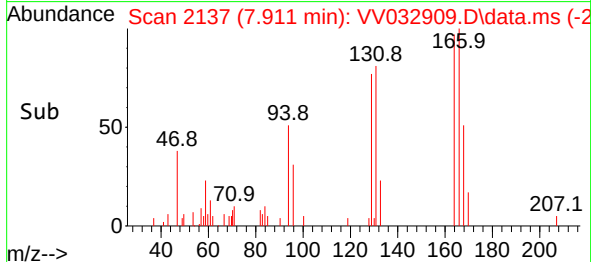
Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion:164 Resp: 4784
Ion Ratio Lower Upper
164 100
129 79.1 65.3 121.3
131 83.0 65.0 120.8
166 103.1 87.8 163.2

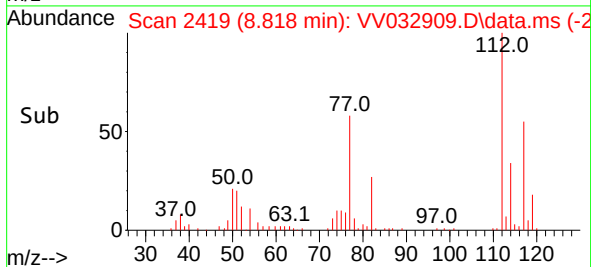
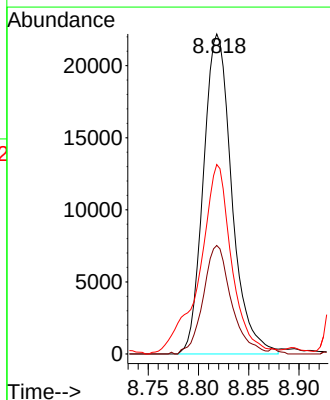
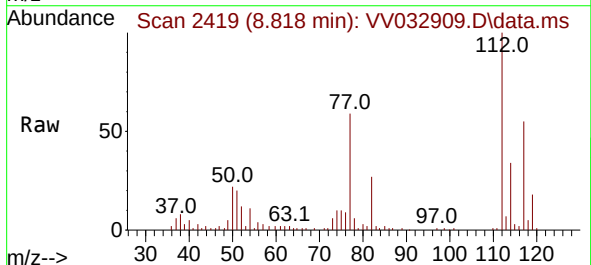
Manual Integrations
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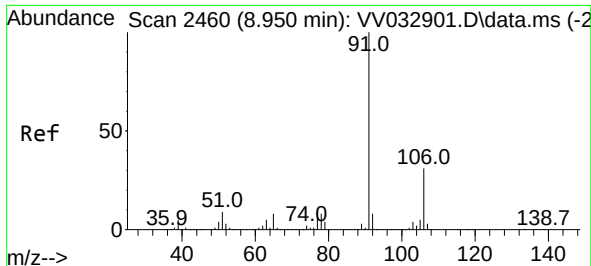
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023



#51
Chlorobenzene
Concen: 5.286 ug/L
RT: 8.818 min Scan# 2419
Delta R.T. 0.003 min
Lab File: VV032909.D
Acq: 10 Nov 2023 22:42

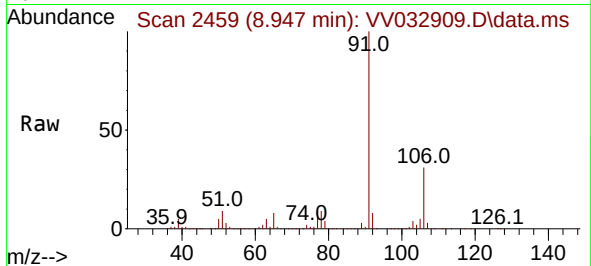
Tgt Ion:112 Resp: 43660
Ion Ratio Lower Upper
112 100
114 33.9 21.6 40.2
77 59.2 44.4 66.6





#52
Ethylbenzene
Concen: 35.853 ug/L
RT: 8.947 min Scan# 2459
Delta R.T. -0.000 min
Lab File: VV032909.D
Acq: 10 Nov 2023 22:42

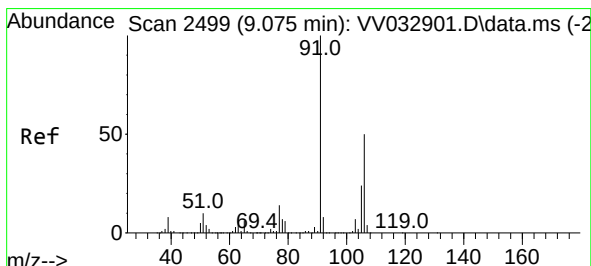
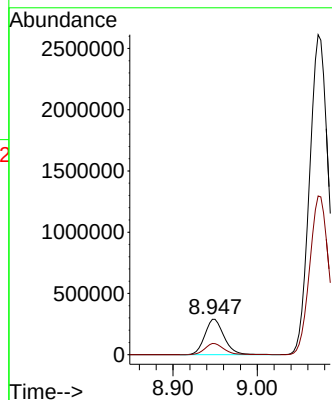
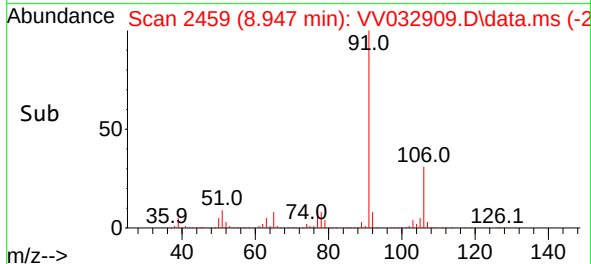
Instrument :
MSVOA_V
ClientSampleId :
BH3S2



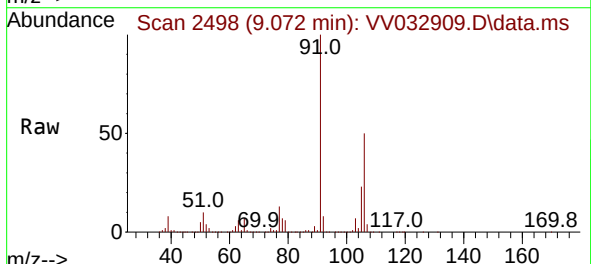
Tgt Ion: 91 Resp: 461435
Ion Ratio Lower Upper
91 100
106 31.5 21.7 40.3

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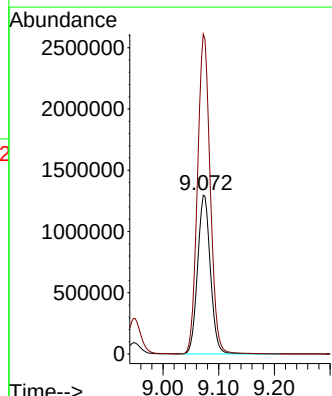
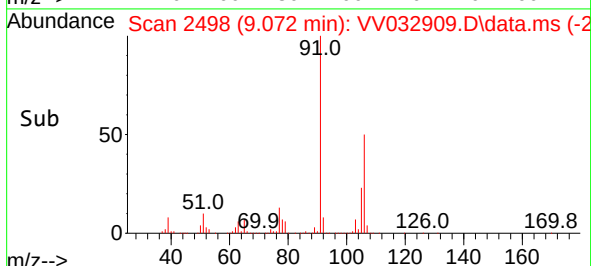
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023

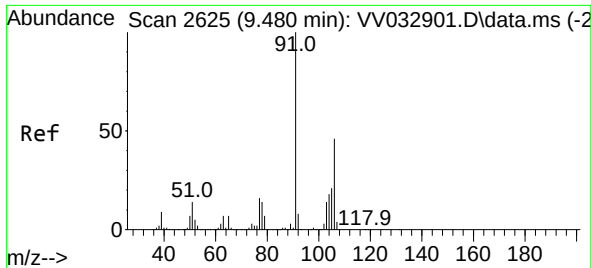


#53
m,p-Xylene
Concen: 422.952 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. -0.003 min
Lab File: VV032909.D
Acq: 10 Nov 2023 22:42



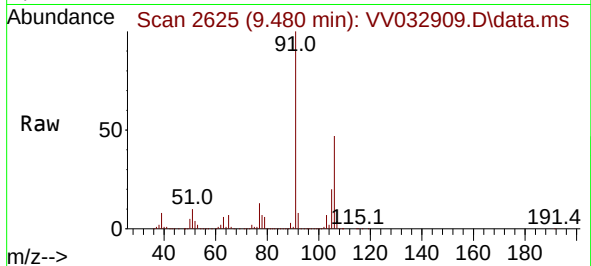
Tgt Ion:106 Resp: 2071746
Ion Ratio Lower Upper
106 100
91 201.5 139.7 259.5





#54
o-Xylene
Concen: 245.823 ug/L
RT: 9.480 min Scan# 2625
Delta R.T. -0.000 min
Lab File: VV032909.D
Acq: 10 Nov 2023 22:42

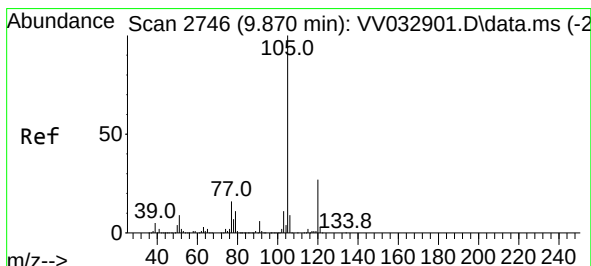
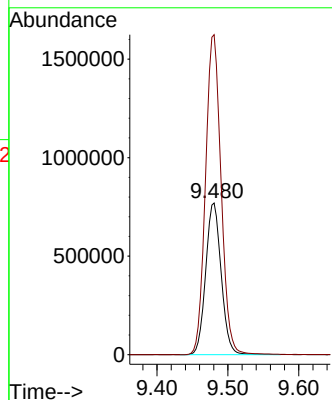
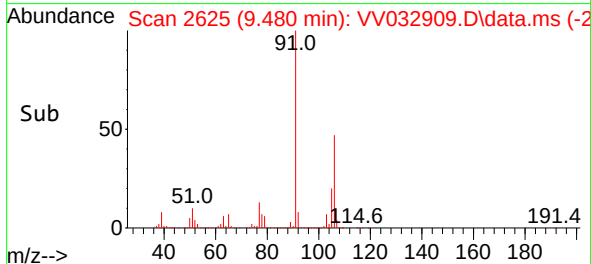
Instrument :
MSVOA_V
ClientSampleId :
BH3S2



Tgt Ion:106 Resp: 1166524
Ion Ratio Lower Upper
106 100
91 210.9 151.0 280.4

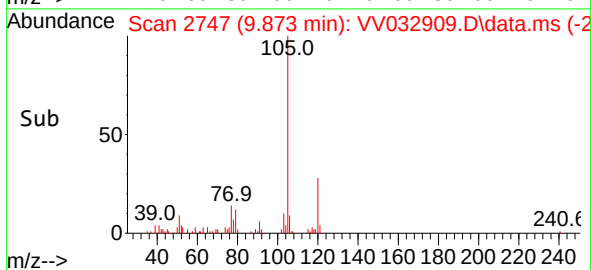
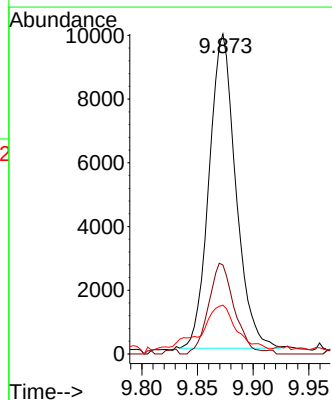
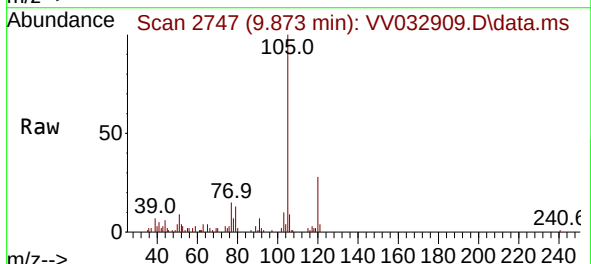
Manual Integrations
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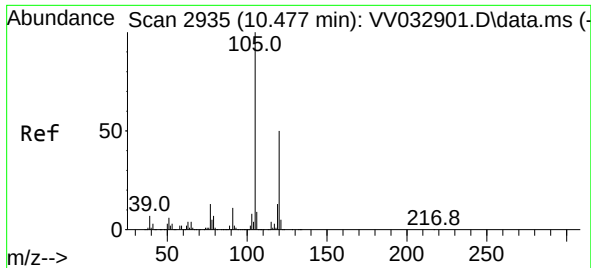
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023



#60
Isopropylbenzene
Concen: 1.293 ug/L
RT: 9.873 min Scan# 2747
Delta R.T. 0.003 min
Lab File: VV032909.D
Acq: 10 Nov 2023 22:42

Tgt Ion:105 Resp: 16480
Ion Ratio Lower Upper
105 100
120 27.8 21.1 31.7
77 11.6 12.6 19.0#





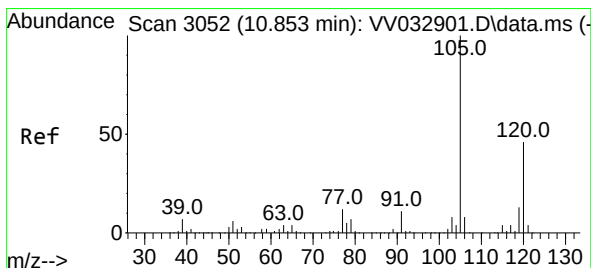
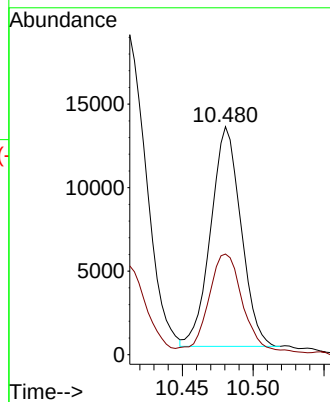
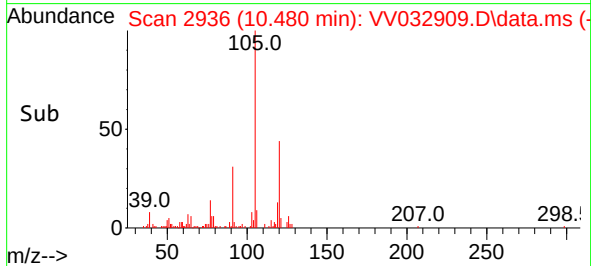
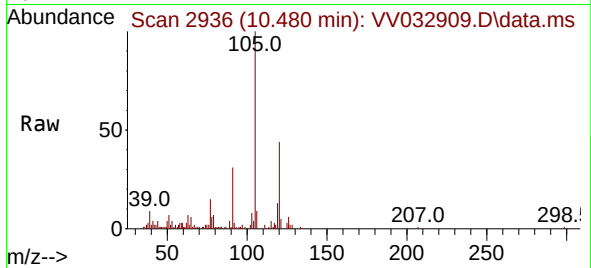
#62
1,3,5-Trimethylbenzene
Concen: 1.951 ug/L
RT: 10.480 min Scan# 2935
Delta R.T. -0.000 min
Lab File: VV032909.D
Acq: 10 Nov 2023 22:42

Instrument :
MSVOA_V
ClientSampleId :
BH3S2

Tgt Ion:105 Resp: 19562
Ion Ratio Lower Upper
105 100
120 54.3 39.9 59.9

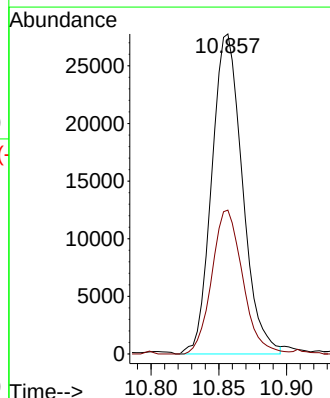
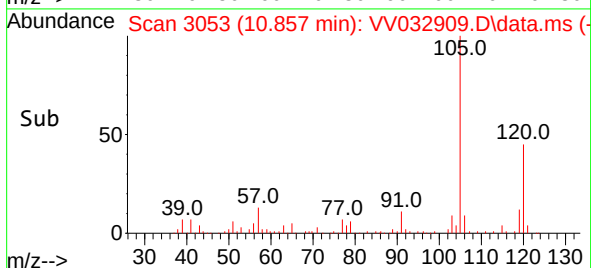
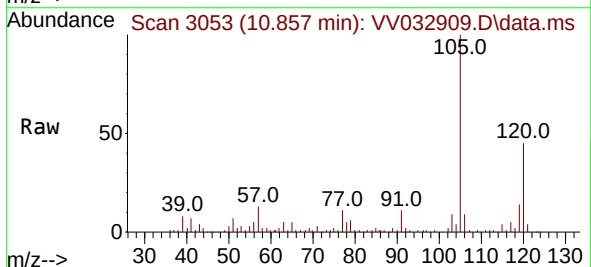
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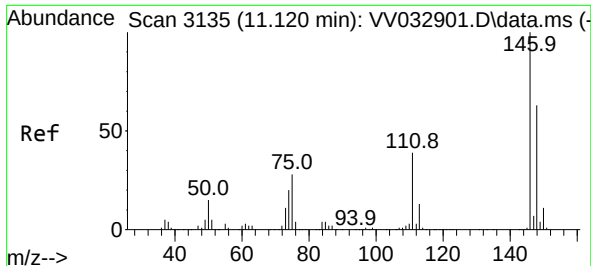
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023



#63
1,2,4-Trimethylbenzene
Concen: 4.559 ug/L
RT: 10.857 min Scan# 3053
Delta R.T. 0.003 min
Lab File: VV032909.D
Acq: 10 Nov 2023 22:42

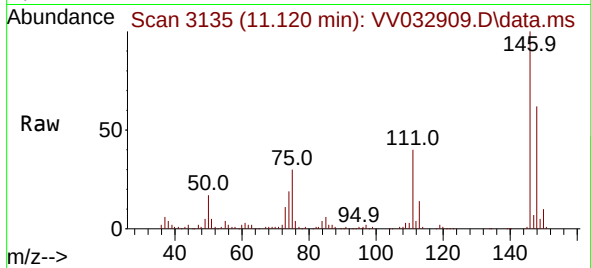
Tgt Ion:105 Resp: 43734
Ion Ratio Lower Upper
105 100
120 45.2 37.0 55.6





#64
1,3-Dichlorobenzene
Concen: 9.028 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. -0.000 min
Lab File: VV032909.D
Acq: 10 Nov 2023 22:42

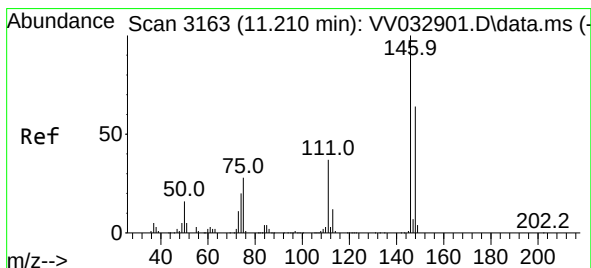
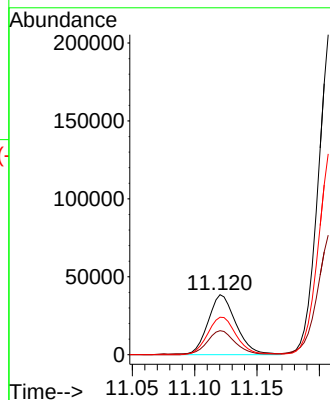
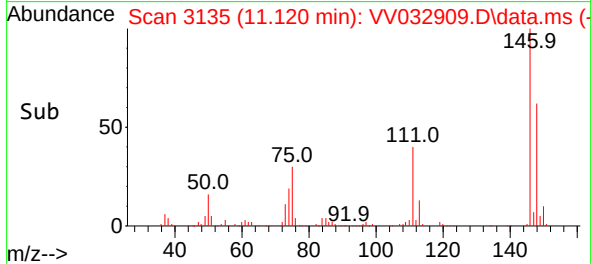
Instrument :
MSVOA_V
ClientSampleId :
BH3S2



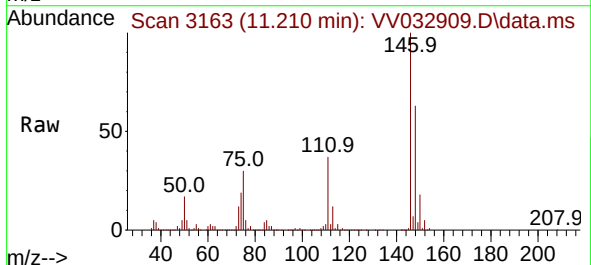
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Ion Ratio Lower Upper
146 100
111 40.2 27.2 50.4
148 62.5 44.6 82.8

Manual Integrations
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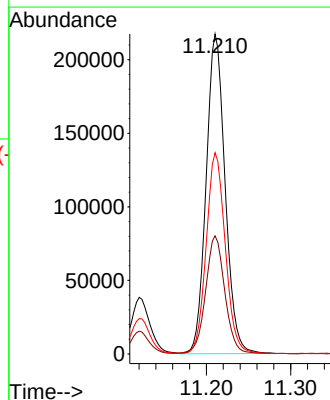
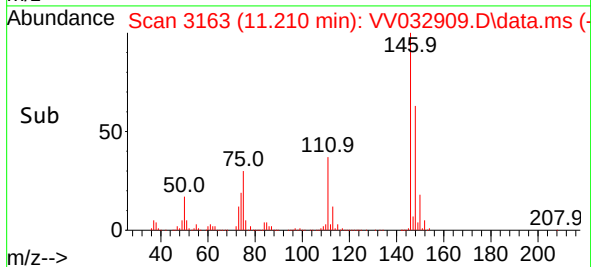
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Supervised By :Mahesh Dadoda 11/13/2023

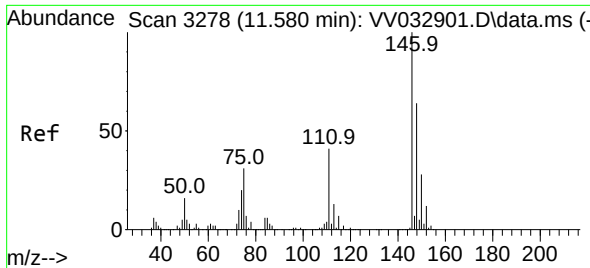


#65
1,4-Dichlorobenzene
Concen: 48.628 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VV032909.D
Acq: 10 Nov 2023 22:42



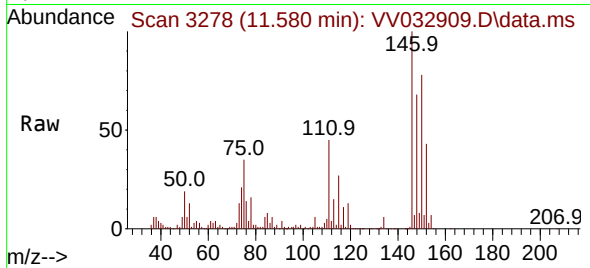
Tgt Ion:146 Resp: 340617
Ion Ratio Lower Upper
146 100
111 36.9 26.5 49.1
148 62.9 44.9 83.5





#67
1,2-Dichlorobenzene
Concen: 17.193 ug/L
RT: 11.580 min Scan# 311
Delta R.T. -0.000 min
Lab File: VV032909.D
Acq: 10 Nov 2023 22:42

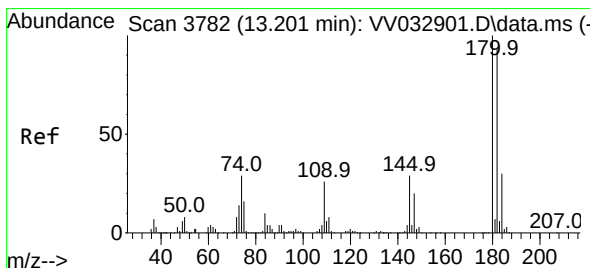
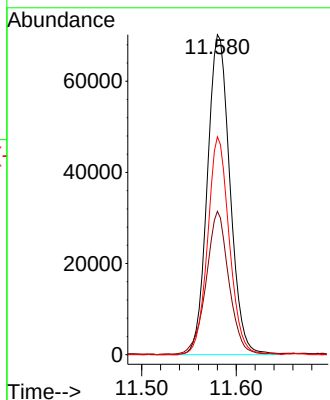
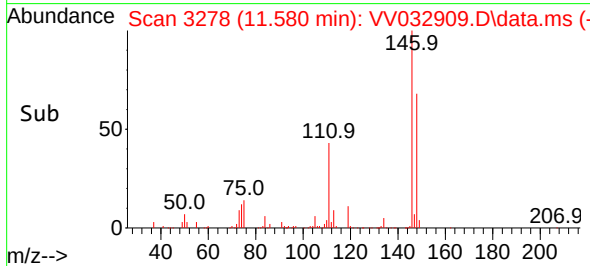
Instrument :
MSVOA_V
ClientSampleId :
BH3S2



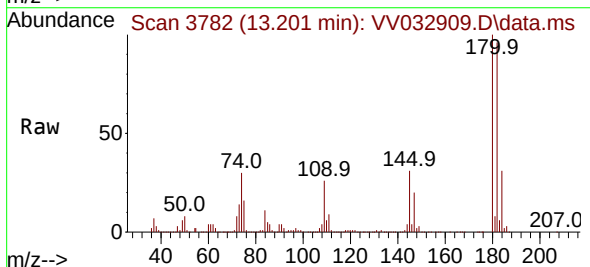
Tgt Ion:146 Resp: 11652
Ion Ratio Lower Upper
146 100
111 44.8 32.5 48.7
148 68.1 50.6 76.0

Manual Integrations
APPROVED

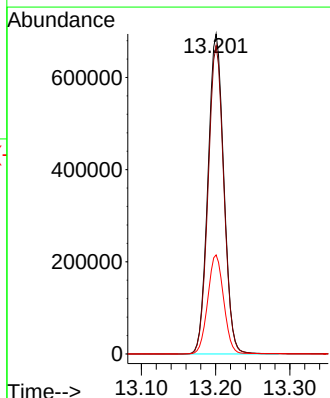
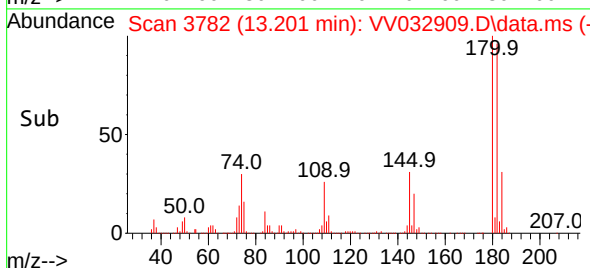
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023

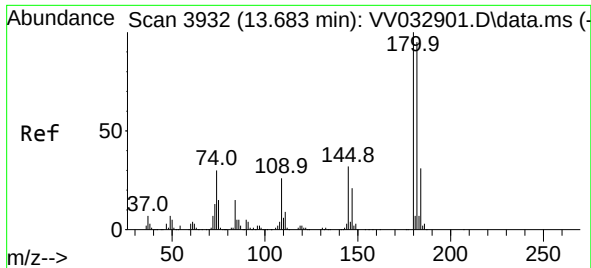


#70
1,2,4-trichlorobenzene
Concen: 248.048 ug/L
RT: 13.201 min Scan# 3782
Delta R.T. -0.000 min
Lab File: VV032909.D
Acq: 10 Nov 2023 22:42



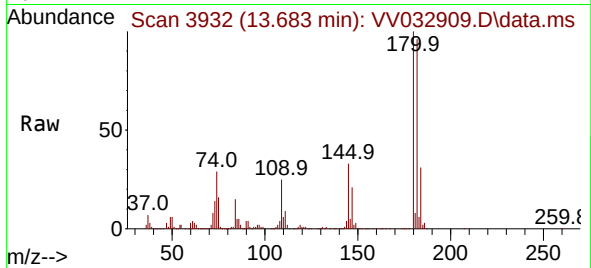
Tgt Ion:180 Resp: 1028058
Ion Ratio Lower Upper
180 100
182 95.4 76.9 115.3
145 31.1 24.7 37.1





#72
 1,2,3-Trichlorobenzene
 Concen: 106.161 ug/L
 RT: 13.683 min Scan# 3932
 Delta R.T. -0.000 min
 Lab File: VV032909.D
 Acq: 10 Nov 2023 22:42

Instrument :
 MSVOA_V
 ClientSampleId :
 BH3S2



Tgt Ion:180 Resp: 439307
 Ion Ratio Lower Upper
 180 100
 182 95.2 76.2 114.4
 145 32.7 25.8 38.8

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/11/2023
 Supervised By :Mahesh Dadoda 11/13/2023

