

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120623\
 Data File : VD077759.D
 Acq On : 06 Dec 2023 14:09
 Operator : JC/SY
 Sample : 05646-02
 Misc : 4.45G/10ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 C0AT6

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/08/2023
 Supervised By :Semsettin Yesilyurt 12/08/2023

Quant Time: Dec 07 00:57:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 06 00:24:24 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	438385	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.593	117	508630	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	104564	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	233951	19.569	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	78.280%	
7) Chloroethane-d5	2.817	69	198522	20.834	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	83.320%	
11) 1,1-Dichloroethene-d2	3.928	65	62111	20.037	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	=	80.160%	
21) 2-Butanone-d5	6.987	46	70604	46.729	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	93.460%	
24) Chloroform-d	7.575	84	270926	22.930	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	=	91.720%	
26) 1,2-Dichloroethane-d4	8.234	65	150258	25.100	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	=	100.400%	
32) Benzene-d6	8.204	84	563529	18.396	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	=	73.600%	
36) 1,2-Dichloropropane-d6	9.210	67	175761	18.805	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	=	75.200%	
41) Toluene-d8	10.275	98	474979	16.846	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	=	67.400%	
43) trans-1,3-Dichloroprop...	10.528	79	75726	18.322	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	=	73.280%	
47) 2-Hexanone-d5	10.881	63	63295	39.299	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	78.600%	
56) 1,1,2,2-Tetrachloroeth...	12.651	84	117113	17.340	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	=	69.360%	
66) 1,2-Dichlorobenzene-d4	13.816	152	88636	23.695	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	=	94.760%	
Target Compounds						
13) Acetone	4.034	43	6795m	3.510	ug/L	
33) Benzene	8.257	78	818779	24.732	ug/L	100
42) Toluene	10.334	91	14918	0.424	ug/L	96
51) Chlorobenzene	11.604	112	21331732m	978.346	ug/L	
64) 1,3-Dichlorobenzene	13.457	146	3624	0.537	ug/L #	87
65) 1,4-Dichlorobenzene	13.540	146	227354	32.461	ug/L	98

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

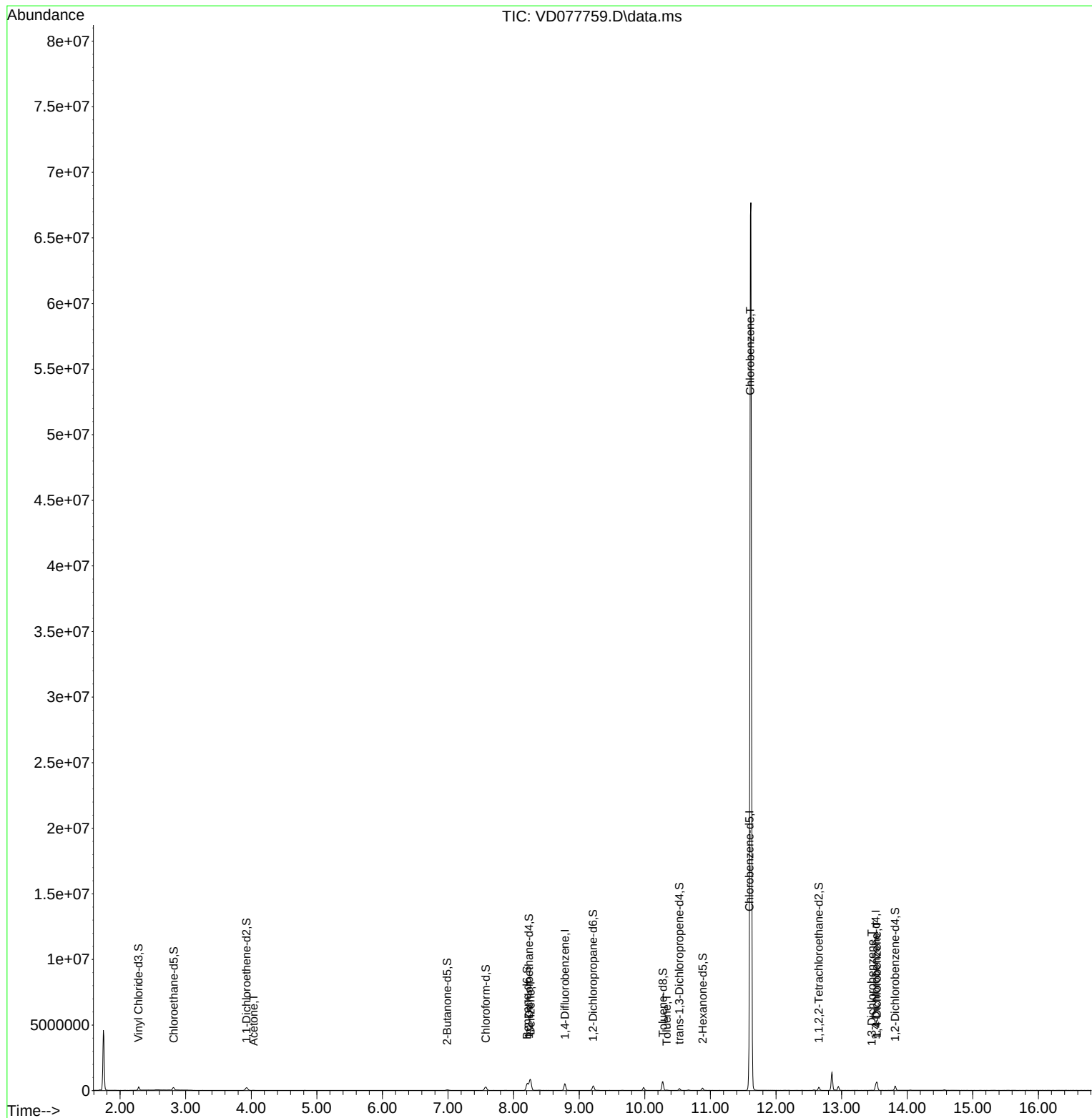
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120623\
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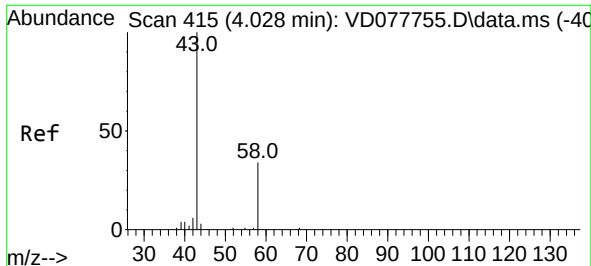
Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Dec 06 00:24:24 2023
Response via : Initial Calibration





#13

Acetone

Concen: 3.510 ug/L m

RT: 4.034 min Scan# 41

Delta R.T. 0.006 min

Lab File: VD077759.D

Acq: 06 Dec 2023 14:09

Instrument :

MSVOA_D

ClientSampleId :

C0AT6

Tgt Ion: 43 Resp: 679

Ion Ratio Lower Upper

43 100

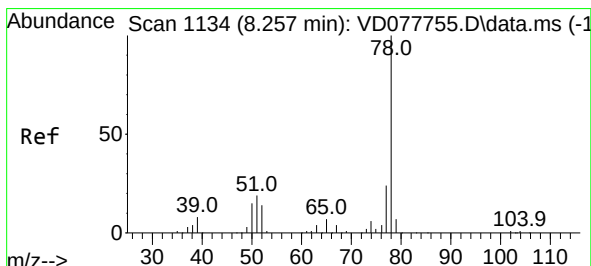
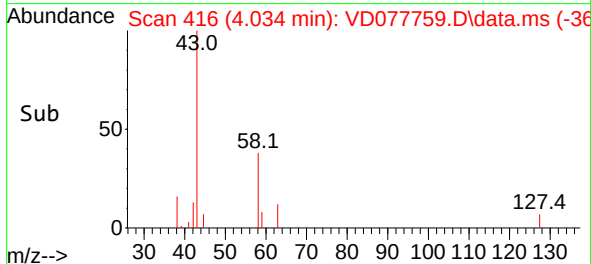
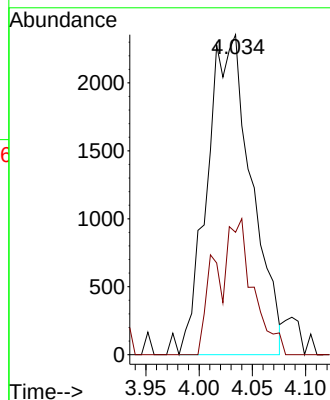
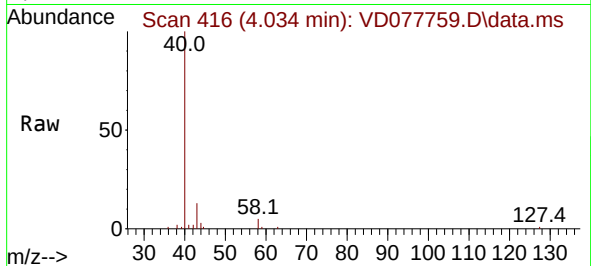
58 23.3 0.0 67.2

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#33

Benzene

Concen: 24.732 ug/L

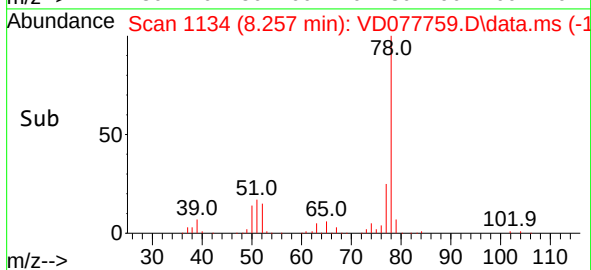
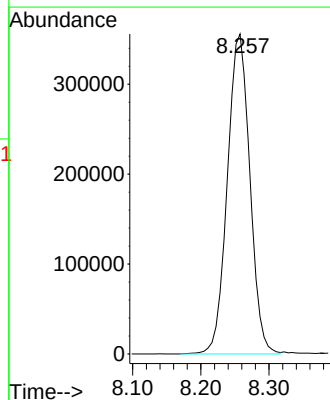
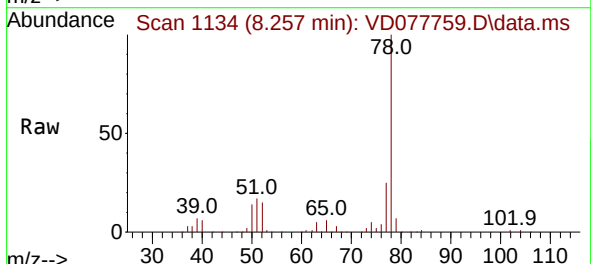
RT: 8.257 min Scan# 1134

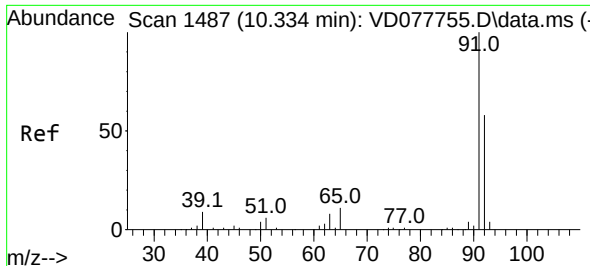
Delta R.T. -0.000 min

Lab File: VD077759.D

Acq: 06 Dec 2023 14:09

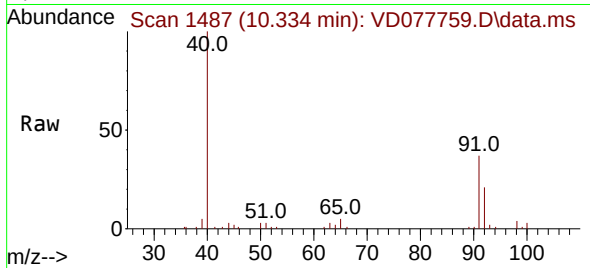
Tgt Ion: 78 Resp: 818779





#42
Toluene
Concen: 0.424 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077759.D
Acq: 06 Dec 2023 14:09

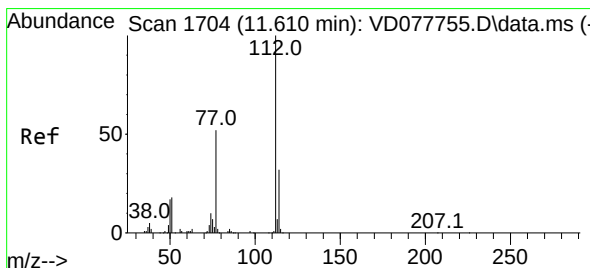
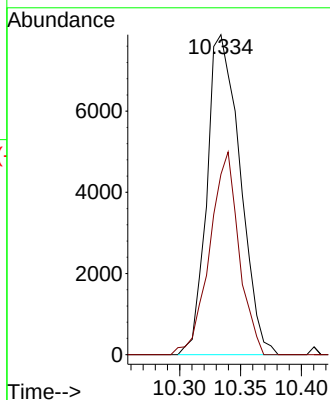
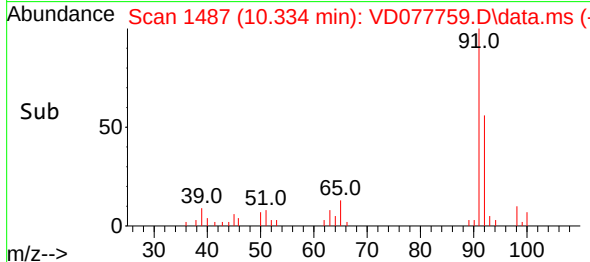
Instrument :
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ClientSampleId :
C0AT6



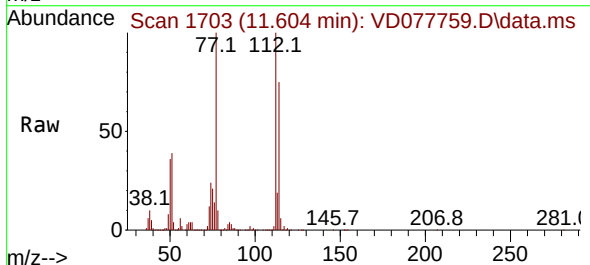
Tgt Ion: 91 Resp: 14918
Ion Ratio Lower Upper
91 100
92 56.3 41.6 77.3

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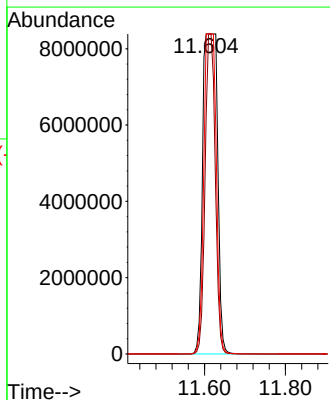
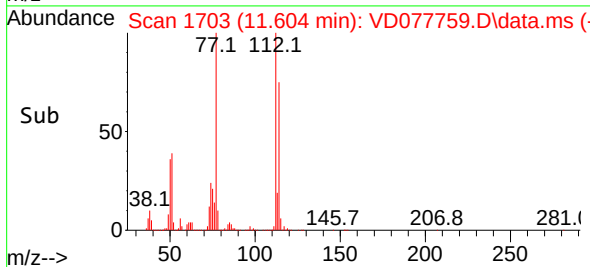
Reviewed By :Mahesh Dadoda 12/08/2023
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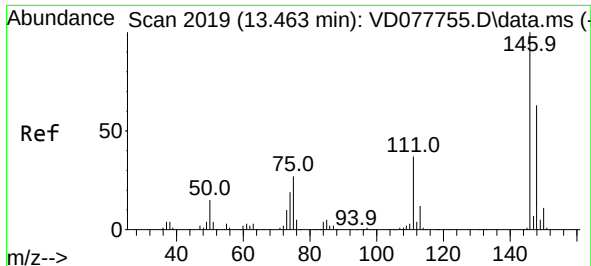


#51
Chlorobenzene
Concen: 978.346 ug/L m
RT: 11.604 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD077759.D
Acq: 06 Dec 2023 14:09



Tgt Ion:112 Resp:21331732
Ion Ratio Lower Upper
112 100
114 74.9 22.5 41.9#
77 100.0 46.4 69.6#





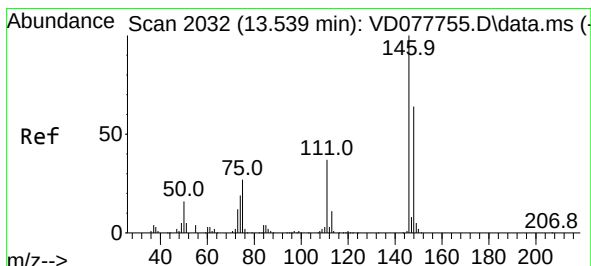
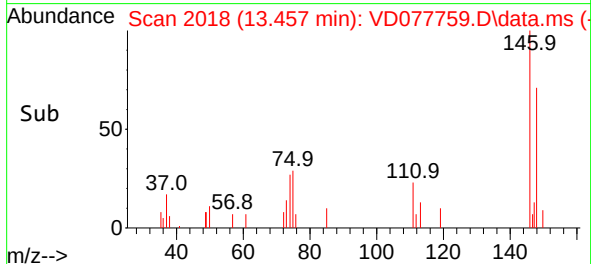
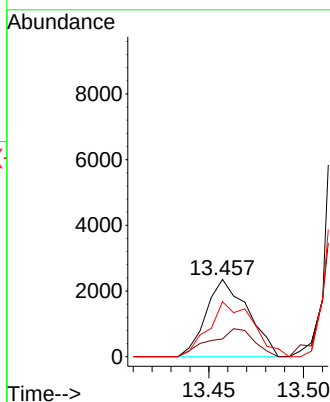
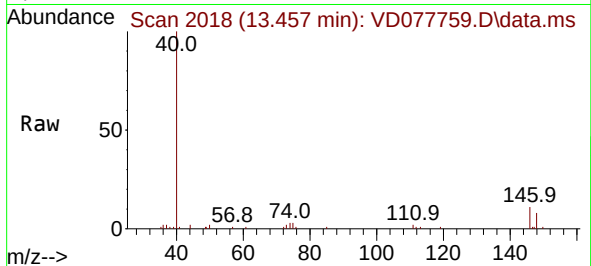
#64
1,3-Dichlorobenzene
Concen: 0.537 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.006 min
Lab File: VD077759.D
Acq: 06 Dec 2023 14:09

Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion:146 Resp: 3624
Ion Ratio Lower Upper
146 100
111 21.5 26.6 49.4
148 66.3 44.0 81.6

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Supervised By :Semsettin Yesilyurt 12/08/2023



#65
1,4-Dichlorobenzene
Concen: 32.461 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD077759.D
Acq: 06 Dec 2023 14:09

Tgt Ion:146 Resp: 227354
Ion Ratio Lower Upper
146 100
111 35.4 26.4 49.0
148 63.0 44.0 81.8

