

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100722\
 Data File : VV028423.D
 Acq On : 07 Oct 2022 21:36
 Operator : SY/MD
 Sample : N4889-02 100X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ60

Quant Time: Oct 08 01:02:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 07 23:51:49 2022
 Response via : Initial Calibration

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

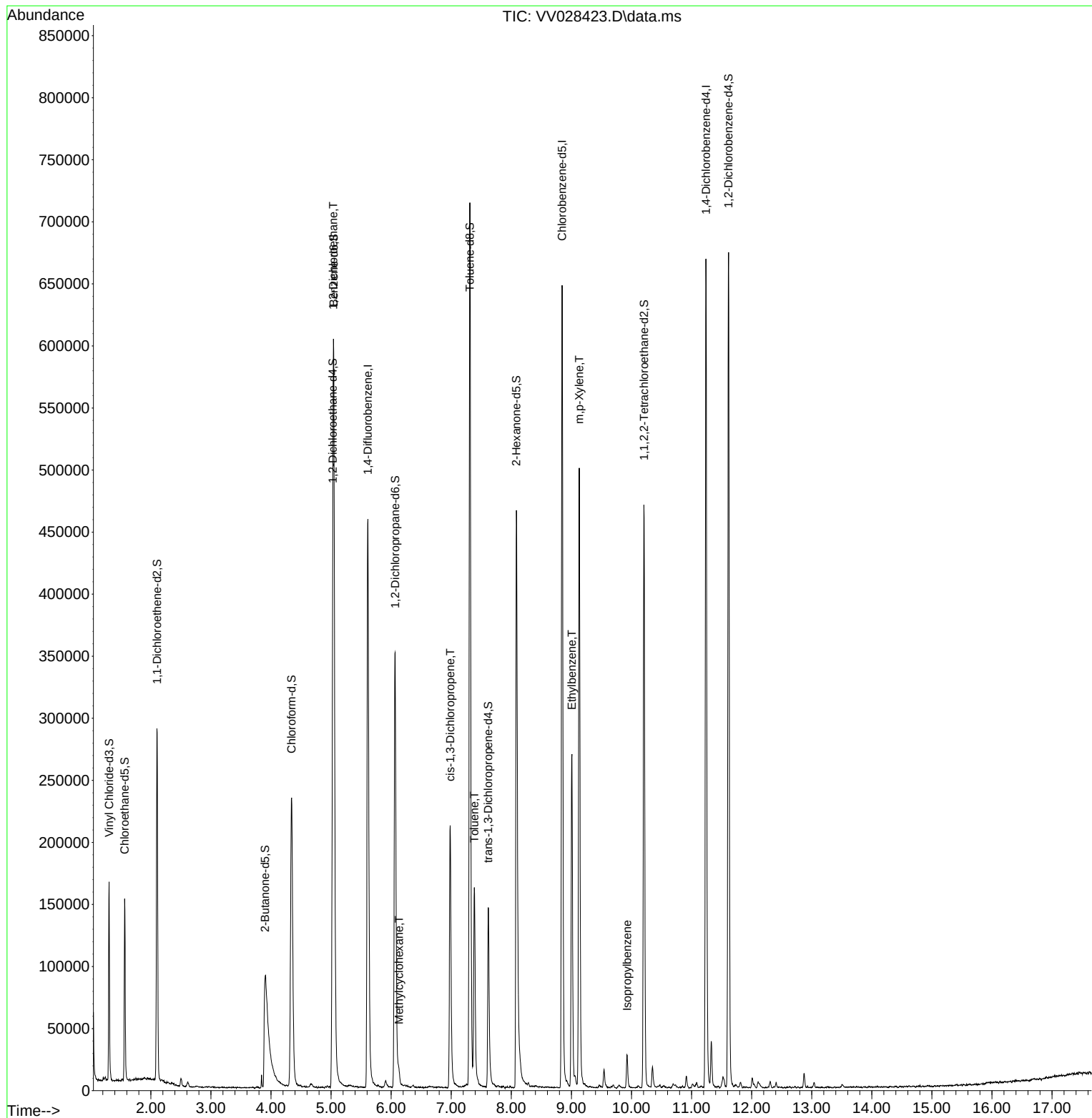
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	391331	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	351756	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	170271	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	104945	34.755	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.520%
7) Chloroethane-d5	1.565	69	94599	39.511	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.020%
11) 1,1-Dichloroethene-d2	2.101	63	150504	29.286	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.580%#
21) 2-Butanone-d5	3.902	46	250142	94.632	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.630%
24) Chloroform-d	4.343	84	246774	44.561	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.120%
26) 1,2-Dichloroethane-d4	5.027	65	170434	47.720	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.440%
32) Benzene-d6	5.043	84	519187	46.062	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.120%
36) 1,2-Dichloropropane-d6	6.066	67	172456	46.927	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.860%
41) Toluene-d8	7.310	98	468947	46.470	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.940%
43) trans-1,3-Dichloroprop...	7.616	79	84908	45.329	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.660%
47) 2-Hexanone-d5	8.085	63	185953	93.018	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.020%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	230848	45.905	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.800%
66) 1,2-Dichlorobenzene-d4	11.616	152	170281	48.264	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.520%
Target Compounds						
					Qvalue	
27) 1,2-Dichloroethane	5.037	62	3119	0.765	ug/L	100
35) Methylcyclohexane	6.130	83	4911	0.984	ug/L	96
39) cis-1,3-Dichloropropene	6.982	75	5331	1.080	ug/L #	66
42) Toluene	7.384	91	118592	9.945	ug/L	98
52) Ethylbenzene	9.008	91	191394	14.726	ug/L	99
53) m,p-Xylene	9.130	106	134839	27.371	ug/L	99
60) Isopropylbenzene	9.928	105	16553	1.349	ug/L	96

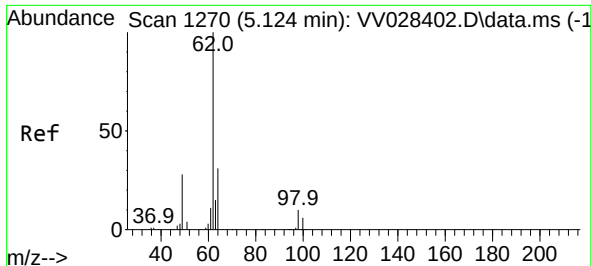
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Oct 07 23:51:49 2022
Response via : Initial Calibration





#27

1,2-Dichloroethane

Concen: 0.765 ug/L

RT: 5.037 min Scan# 11

Delta R.T. -0.087 min

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MSVOA_V

ClientSampleId :

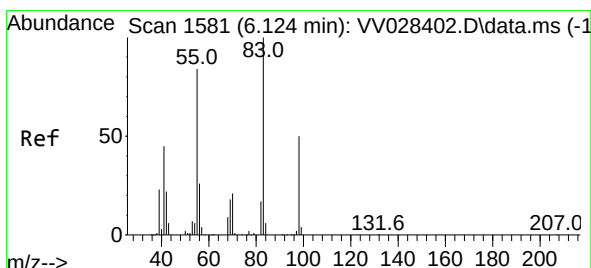
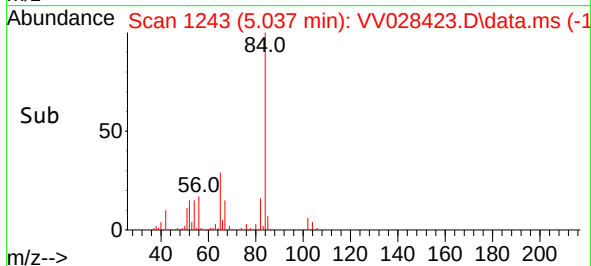
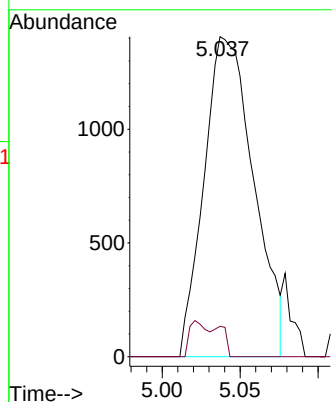
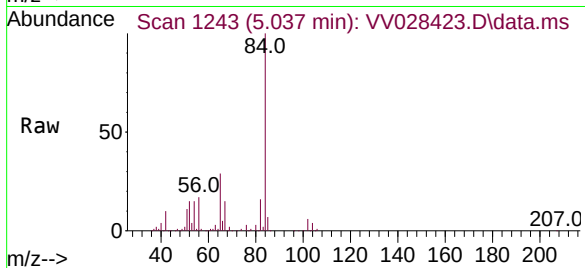
EXZ60

Tgt Ion: 62 Resp: 3119

Ion Ratio Lower Upper

62 100

98 9.5 7.6 11.4



#35

Methylcyclohexane

Concen: 0.984 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. 0.006 min

Lab File: VV028423.D

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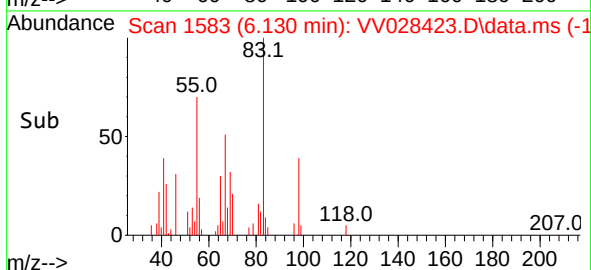
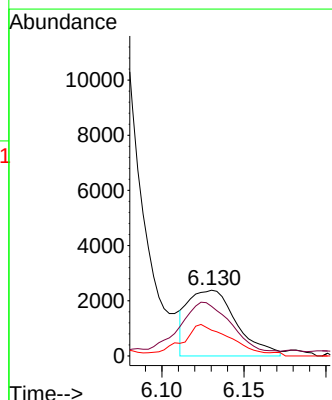
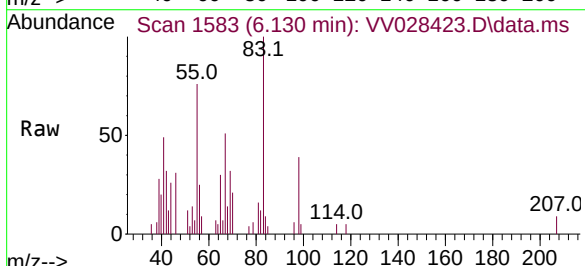
Tgt Ion: 83 Resp: 4911

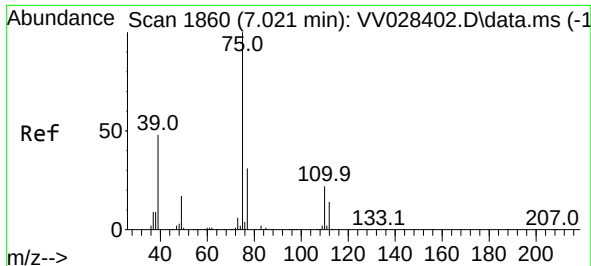
Ion Ratio Lower Upper

83 100

55 79.5 63.7 95.5

98 40.4 38.2 57.2





#39

cis-1,3-Dichloropropene

Concen: 1.080 ug/L

RT: 6.982 min Scan# 1848

Delta R.T. -0.039 min

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MSVOA_V

ClientSampleId :

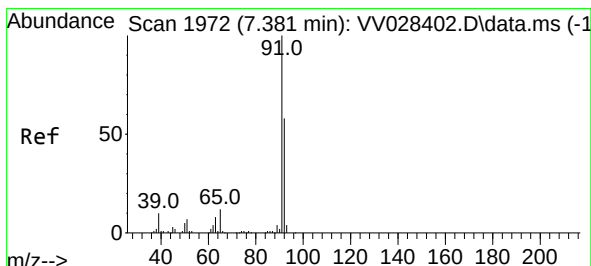
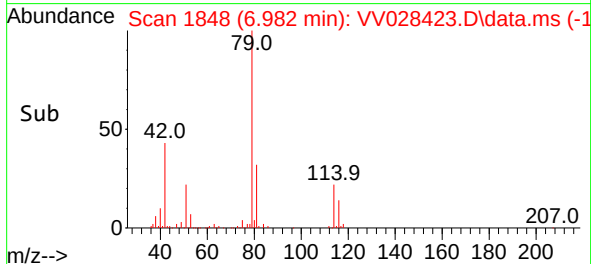
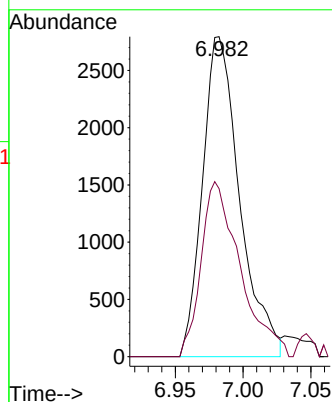
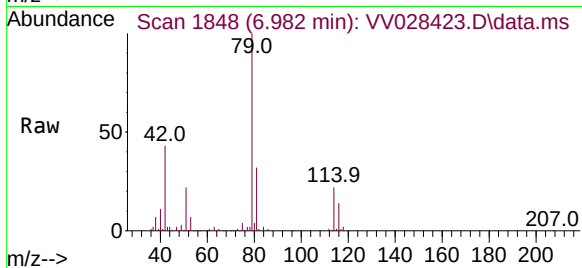
EXZ60

Tgt Ion: 75 Resp: 5331

Ion Ratio Lower Upper

75 100

77 52.5 23.2 43.0#



#42

Toluene

Concen: 9.945 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV028423.D

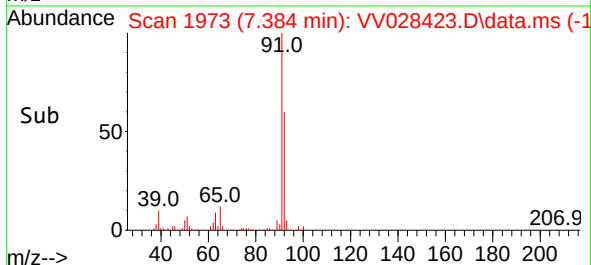
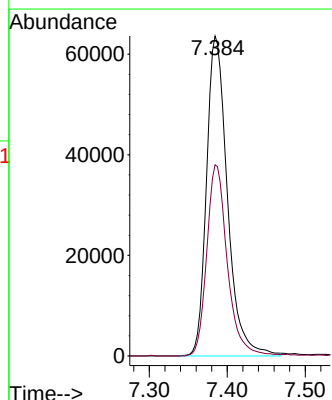
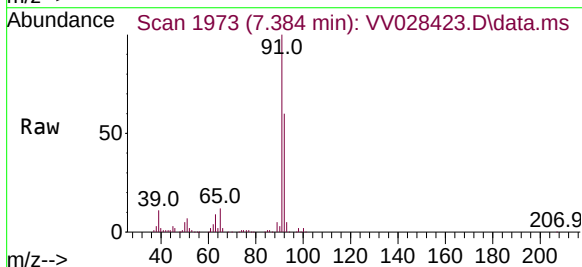
Acq: 07 Oct 2022 21:36

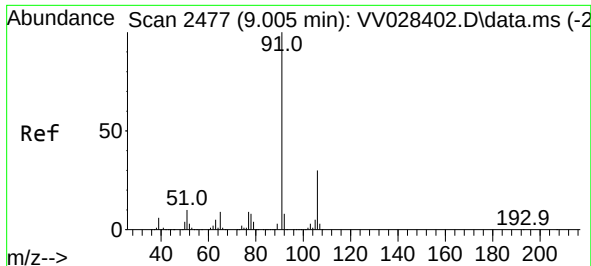
Tgt Ion: 91 Resp: 118592

Ion Ratio Lower Upper

91 100

92 59.8 40.9 76.0

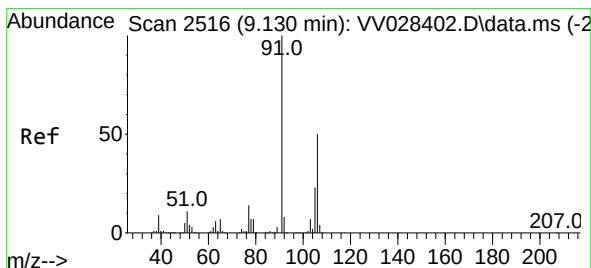
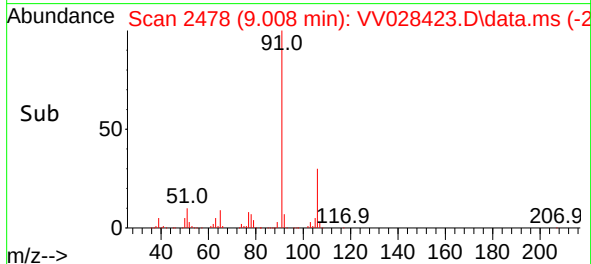
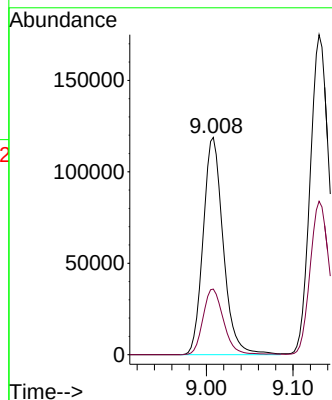
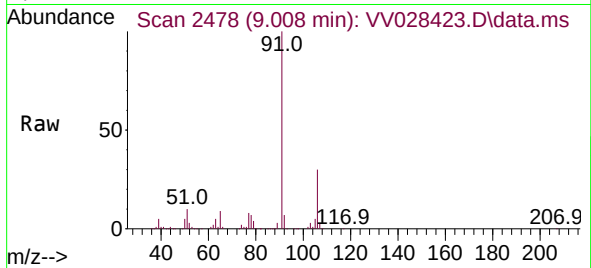




#52
Ethylbenzene
Concen: 14.726 ug/L
RT: 9.008 min Scan# 2477
Delta R.T. 0.003 min
Lab File: VV028423.D
Acq: 07 Oct 2022 21:36

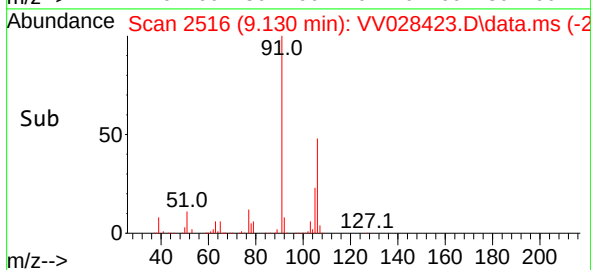
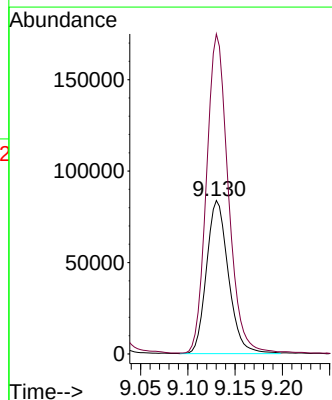
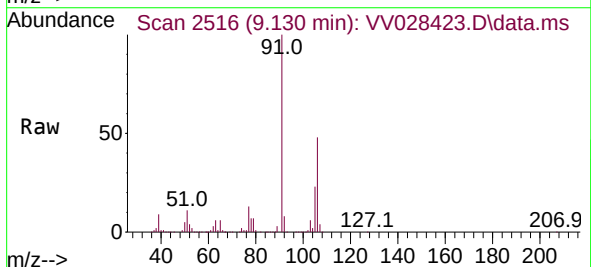
Instrument :
MSVOA_V
ClientSampleId :
EXZ60

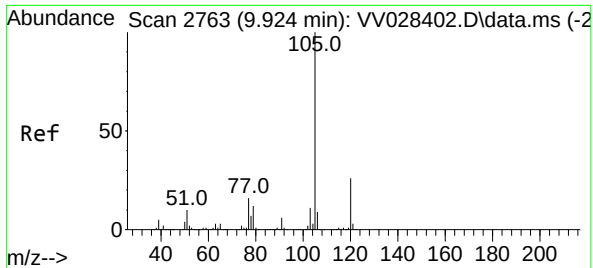
Tgt Ion: 91 Resp: 191394
Ion Ratio Lower Upper
91 100
106 30.2 21.4 39.8



#53
m,p-Xylene
Concen: 27.371 ug/L
RT: 9.130 min Scan# 2516
Delta R.T. -0.000 min
Lab File: VV028423.D
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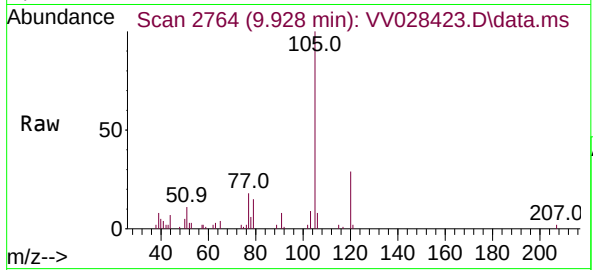
Tgt Ion:106 Resp: 134839
Ion Ratio Lower Upper
106 100
91 208.5 145.2 269.6





#60
Isopropylbenzene
Concen: 1.349 ug/L
RT: 9.928 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV028423.D
Acq: 07 Oct 2022 21:36

Instrument :
MSVOA_V
ClientSampleId :
EXZ60



Tgt Ion:	105	Resp:	16553
Ion	Ratio	Lower	Upper
105	100		
120	26.9	20.5	30.7
77	18.7	12.7	19.1

