

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
 Data File : VV028454.D
 Acq On : 08 Oct 2022 22:14
 Operator : SY/MD
 Sample : N4923-06 100X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E10056

Quant Time: Oct 09 05:54:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 08 02:10:35 2022
 Response via : Initial Calibration

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

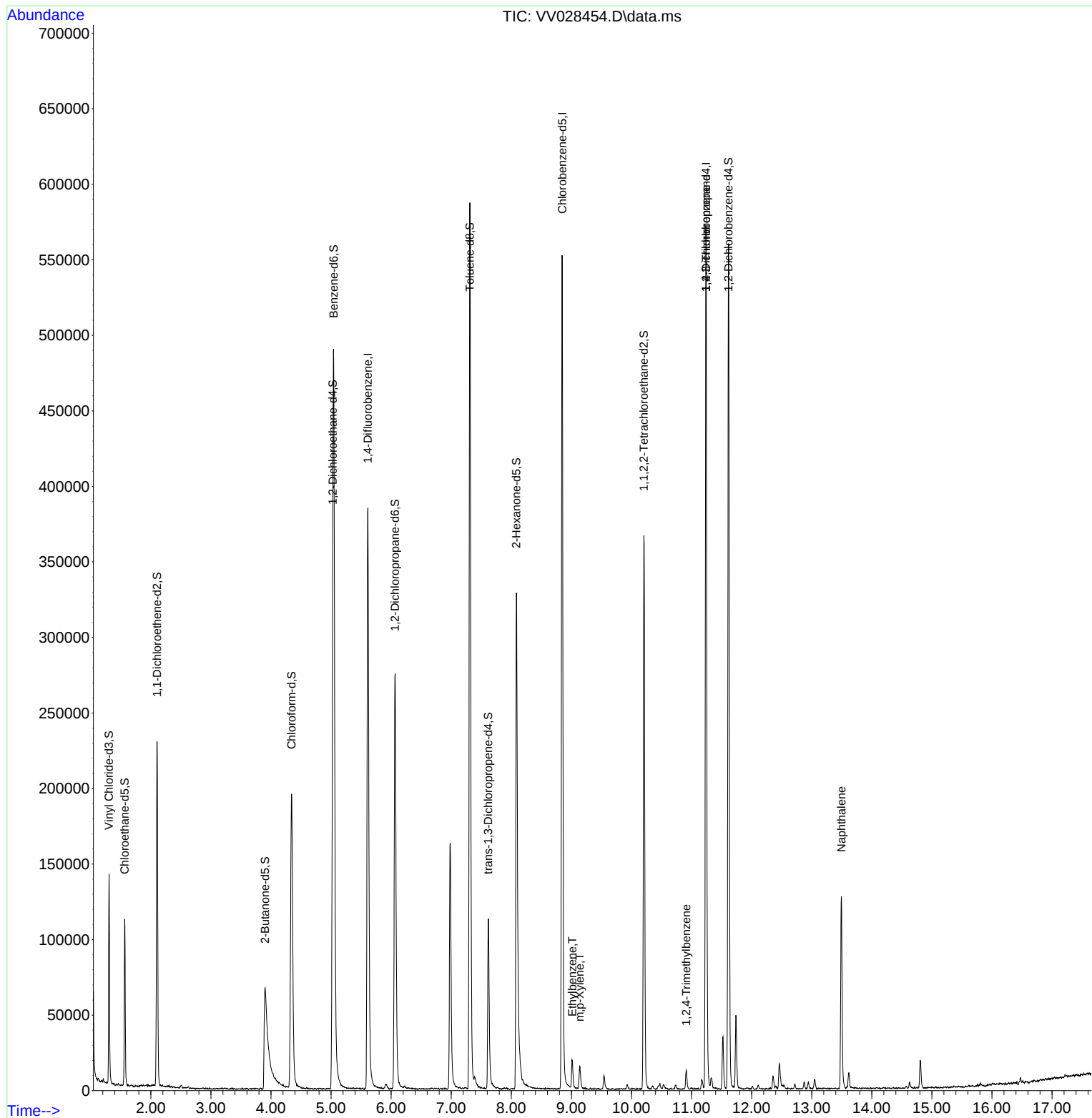
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	326894	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	296995	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	145618	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	89867	35.628	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.260%
7) Chloroethane-d5	1.564	69	69098	34.549	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	69.100%#
11) 1,1-Dichloroethene-d2	2.101	63	118285	27.554	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.100%#
21) 2-Butanone-d5	3.899	46	171503	77.672	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	77.670%
24) Chloroform-d	4.342	84	203254	43.937	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.880%
26) 1,2-Dichloroethane-d4	5.027	65	141636	47.474	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.940%
32) Benzene-d6	5.043	84	420243	44.158	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.320%
36) 1,2-Dichloropropane-d6	6.063	67	131759	42.464	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.920%
41) Toluene-d8	7.310	98	379445	44.534	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.060%
43) trans-1,3-Dichloroprop...	7.616	79	65156	41.198	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.400%
47) 2-Hexanone-d5	8.085	63	130835	77.514	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.510%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	171987	40.506	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.020%
66) 1,2-Dichlorobenzene-d4	11.615	152	139719	46.306	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.620%
Target Compounds						
52) Ethylbenzene	9.014	91	13330	1.215	ug/L	99
53) m,p-Xylene	9.140	106	4568	1.098	ug/L	99
61) 1,2,3-Trichloropropane	11.239	75	18618	6.006	ug/L #	67
63) 1,2,4-Trimethylbenzene	10.911	105	6883	0.763	ug/L	91
71) Naphthalene	13.493	128	96322	10.080	ug/L	100

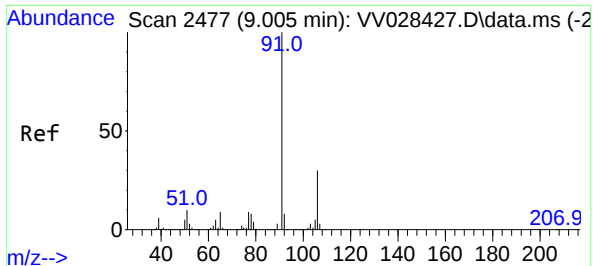
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Oct 08 02:10:35 2022
Response via : Initial Calibration





#52

Ethylbenzene

Concen: 1.215 ug/L

RT: 9.014 min Scan# 2477

Delta R.T. 0.010 min

Lab File: VV028454.D

Acq: 08 Oct 2022 22:14

Instrument :

MSVOA_V

ClientSampleId :

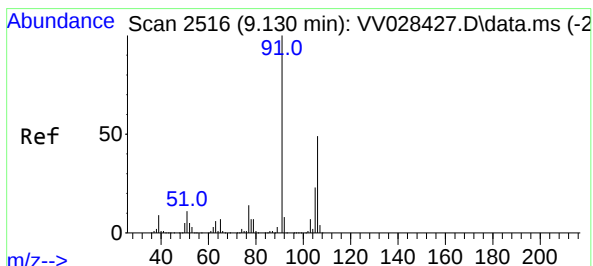
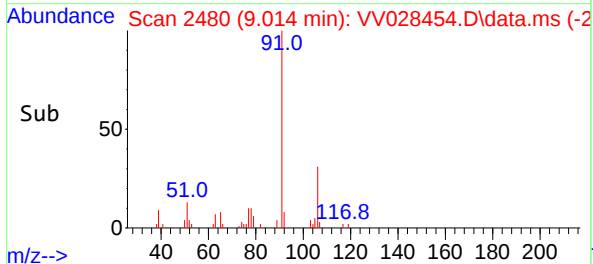
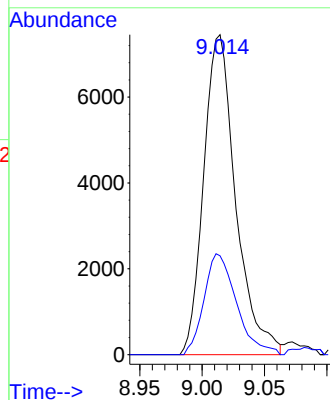
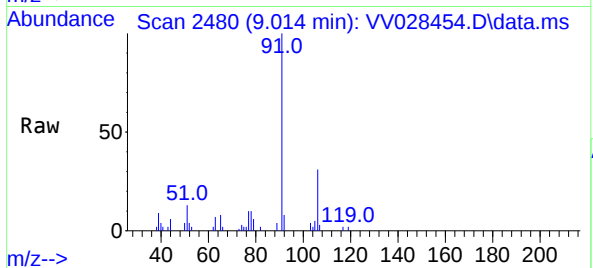
E10056

Tgt Ion: 91 Resp: 13330

Ion Ratio Lower Upper

91 100

106 30.9 21.4 39.8



#53

m,p-Xylene

Concen: 1.098 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. 0.010 min

Lab File: VV028454.D

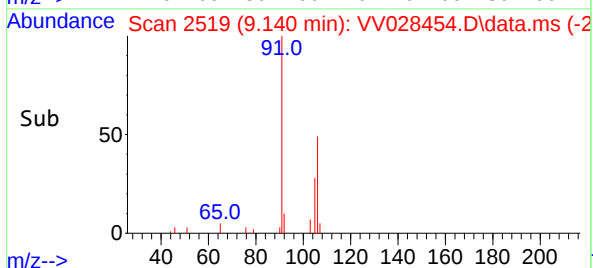
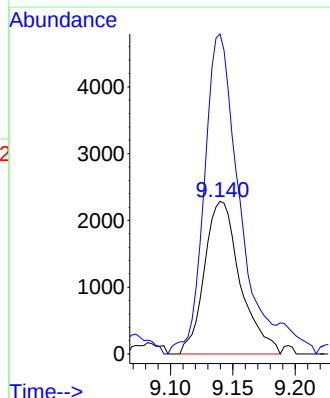
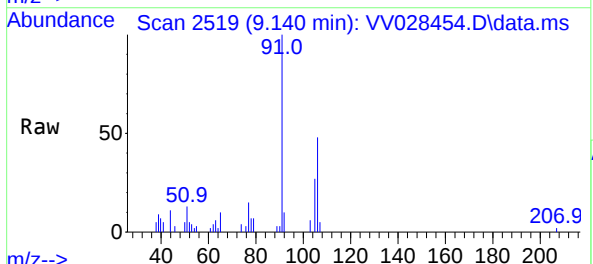
Acq: 08 Oct 2022 22:14

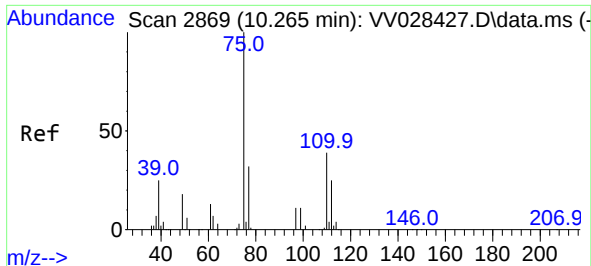
Tgt Ion: 106 Resp: 4568

Ion Ratio Lower Upper

106 100

91 209.7 145.2 269.6

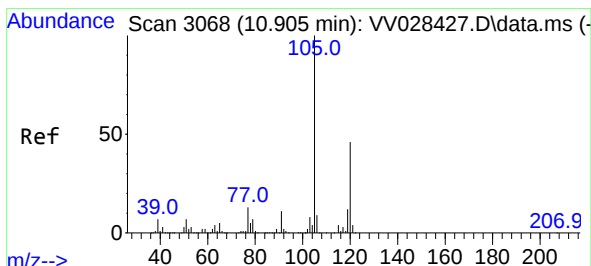
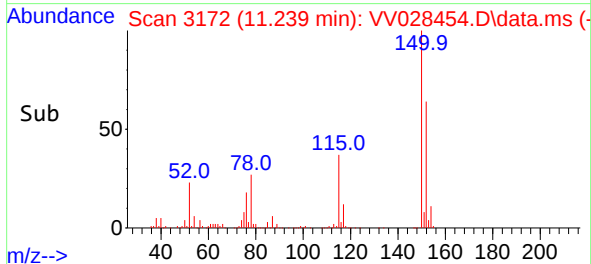
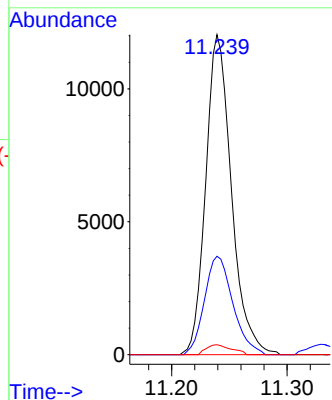
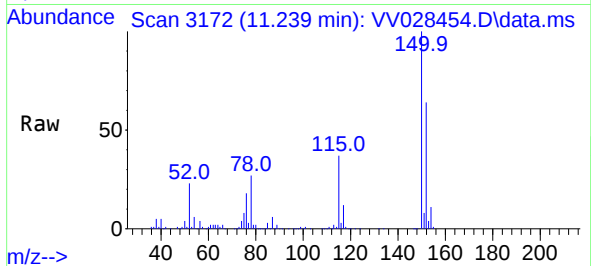




#61
1,2,3-Trichloropropane
Concen: 6.006 ug/L
RT: 11.239 min Scan# 31
Delta R.T. 0.974 min
Lab File: VV028454.D
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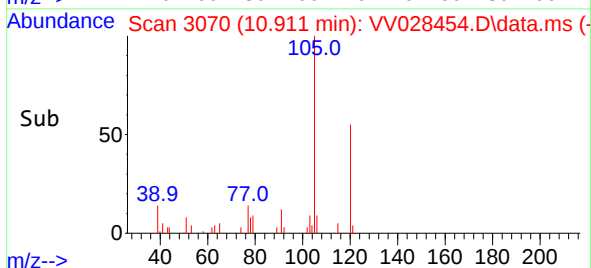
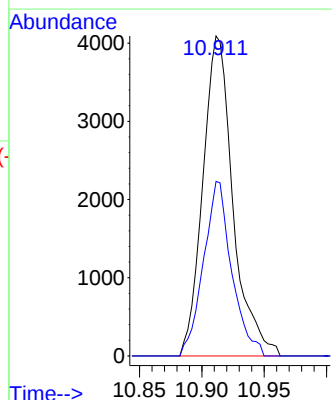
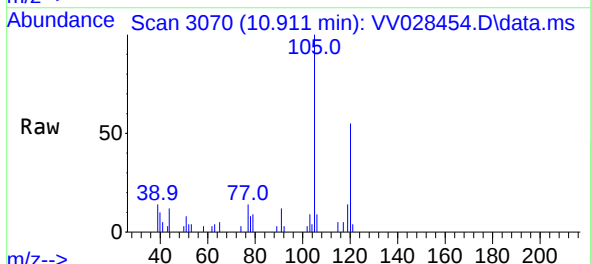
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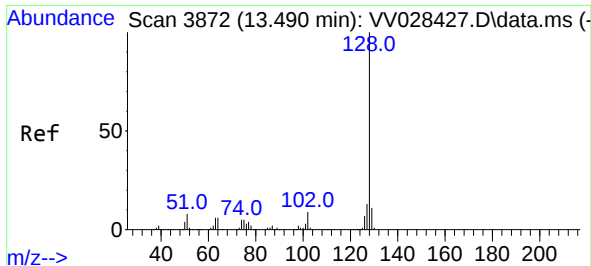
Tgt Ion: 75 Resp: 18618
Ion Ratio Lower Upper
75 100
77 34.0 25.7 38.5
110 3.0 30.0 45.0#



#63
1,2,4-Trimethylbenzene
Concen: 0.763 ug/L
RT: 10.911 min Scan# 3070
Delta R.T. 0.006 min
Lab File: VV028454.D
Acq: 08 Oct 2022 22:14

Tgt Ion: 105 Resp: 6883
Ion Ratio Lower Upper
105 100
120 51.0 35.9 53.9





#71
Naphthalene
Concen: 10.080 ug/L
RT: 13.493 min Scan# 3873
Delta R.T. 0.003 min
Lab File: VV028454.D
Acq: 08 Oct 2022 22:14

Instrument :
MSVOA_V
ClientSampleId :
E10056

Tgt Ion:128 Resp: 96322
Ion Ratio Lower Upper
128 100
127 13.4 10.6 15.8
129 11.1 8.9 13.3

