

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100422\
 Data File : VW028353.D
 Acq On : 05 Oct 2022 02:36
 Operator : SY/MD
 Sample : N4872-14
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXFX8

Quant Time: Oct 05 04:18:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 04 02:28:45 2022
 Response via : Initial Calibration

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

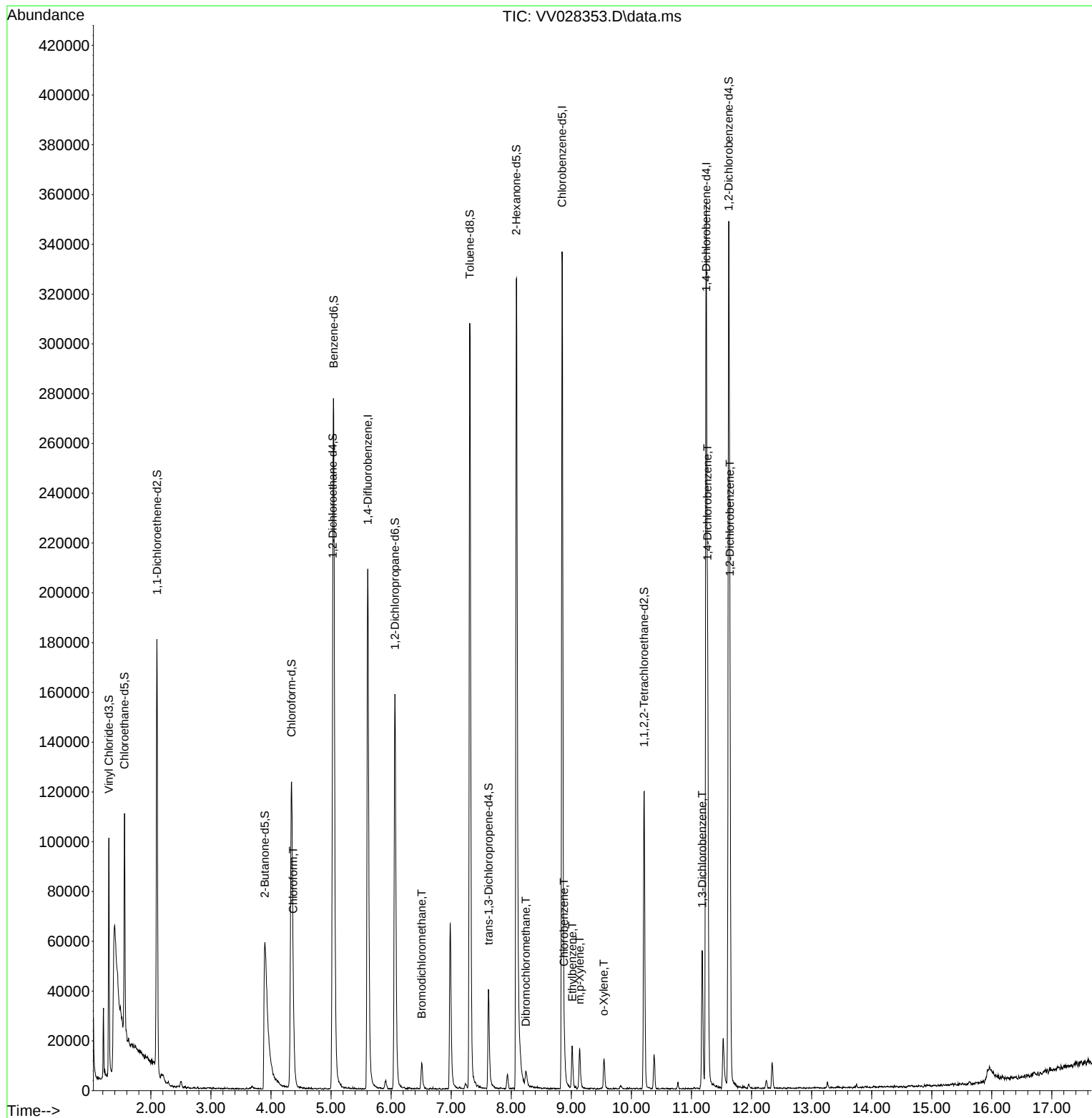
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	193509	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	196864	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	93113	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	59357	4.082	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.600%
7) Chloroethane-d5	1.561	69	56808	4.615	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.400%
11) 1,1-Dichloroethene-d2	2.101	63	87472	3.192	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.800%
20) 2-Butanone-d5	3.899	46	157103	63.860	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.720%
24) Chloroform-d	4.342	84	131264	4.983	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
26) 1,2-Dichloroethane-d4	5.027	65	65408	5.356	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.200%
32) Benzene-d6	5.043	84	262512	4.861	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
36) 1,2-Dichloropropane-d6	6.063	67	83032	5.360	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.200%
41) Toluene-d8	7.310	98	215144	4.332	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.600%
43) trans-1,3-Dichloroprop...	7.622	79	25235	4.277	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.600%
46) 2-Hexanone-d5	8.085	63	126454	52.361	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.720%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	61529	5.240	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.800%
66) 1,2-Dichlorobenzene-d4	11.619	152	87149	5.438	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.800%
Target Compounds						Qvalue
25) Chloroform	4.368	83	19683	0.729	ug/L	97
38) Bromodichloromethane	6.510	83	7514	0.401	ug/L	95
49) Dibromochloromethane	8.243	129	2433	0.191	ug/L	81
51) Chlorobenzene	8.879	112	7942	0.194	ug/L	94
52) Ethylbenzene	9.014	91	12485	0.193	ug/L	99
53) m,p-Xylene	9.140	106	5329	0.206	ug/L	86
54) o-Xylene	9.542	106	3684	0.151	ug/L	93
64) 1,3-Dichlorobenzene	11.181	146	25244	0.902	ug/L	97
65) 1,4-Dichlorobenzene	11.268	146	70555	2.517	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	62964	2.480	ug/L	97

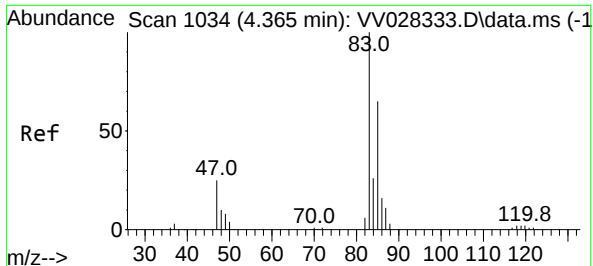
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Chloroform

Concen: 0.729 ug/L

RT: 4.368 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV028353.D

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Instrument :

MSVOA_V

ClientSampleId :

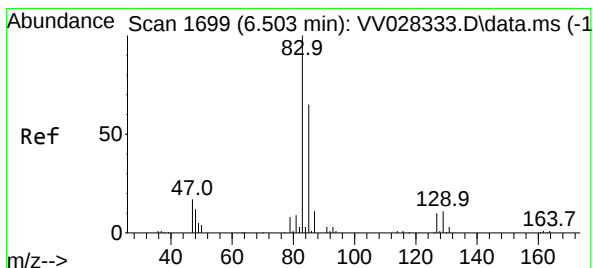
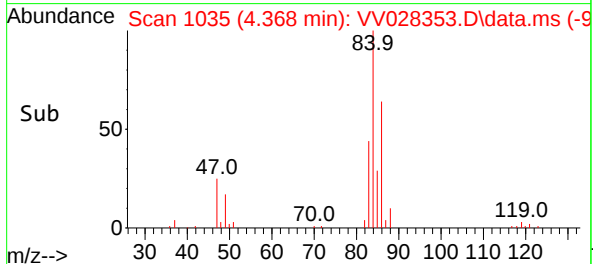
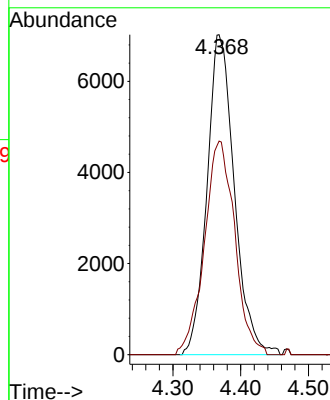
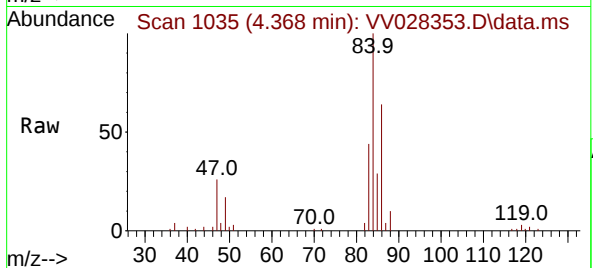
EXFX8

Tgt Ion: 83 Resp: 19683

Ion Ratio Lower Upper

83 100

85 66.8 45.1 83.7



#38

Bromodichloromethane

Concen: 0.401 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VV028353.D

Acq: 05 Oct 2022 02:36

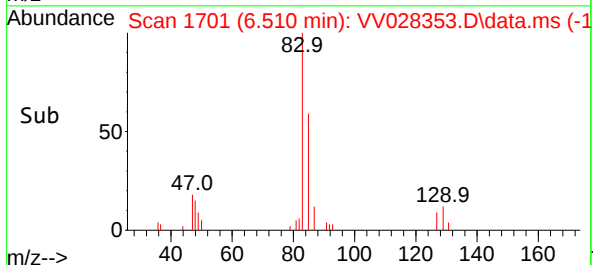
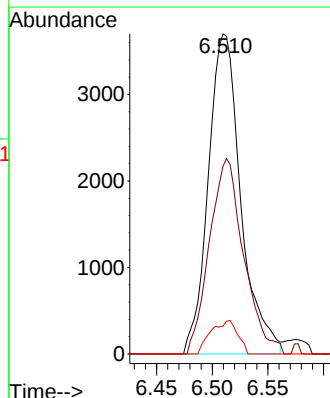
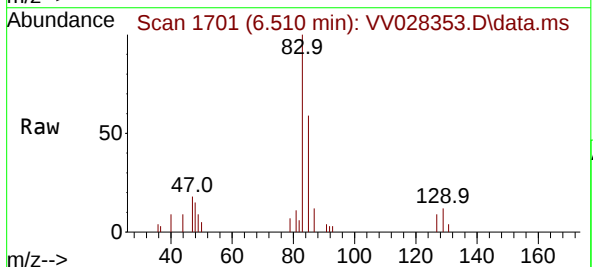
Tgt Ion: 83 Resp: 7514

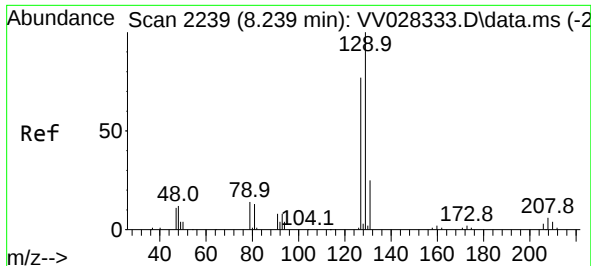
Ion Ratio Lower Upper

83 100

85 58.6 43.8 81.4

127 8.7 6.3 9.5





#49

Dibromochloromethane

Concen: 0.191 ug/L

RT: 8.243 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV028353.D

Acq: 05 Oct 2022 02:36

Instrument :

MSVOA_V

ClientSampleId :

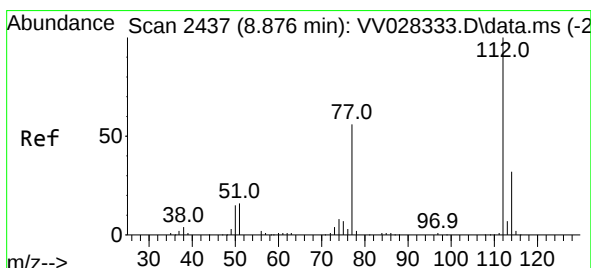
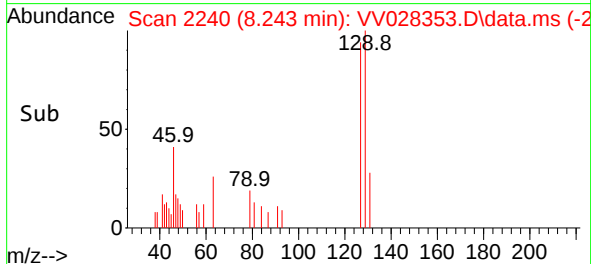
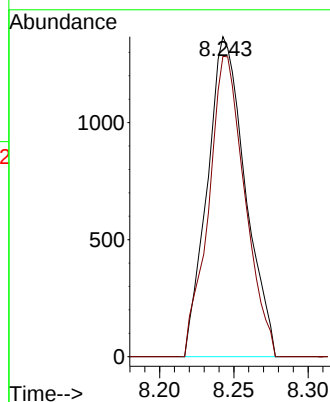
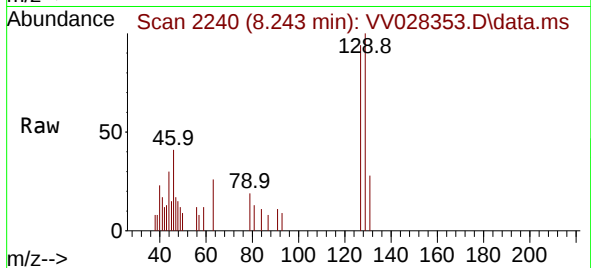
EXFX8

Tgt Ion:129 Resp: 2433

Ion Ratio Lower Upper

129 100

127 93.9 54.3 100.9



#51

Chlorobenzene

Concen: 0.194 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.000 min

Lab File: VV028353.D

Acq: 05 Oct 2022 02:36

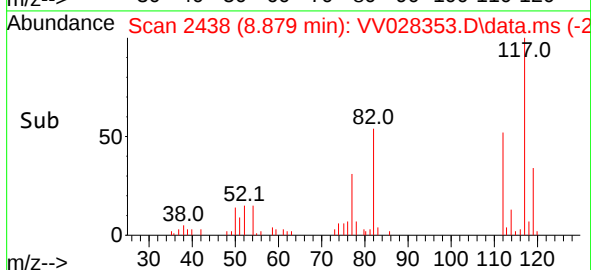
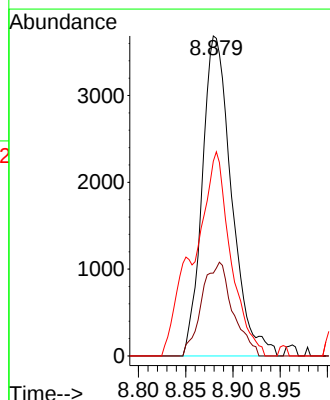
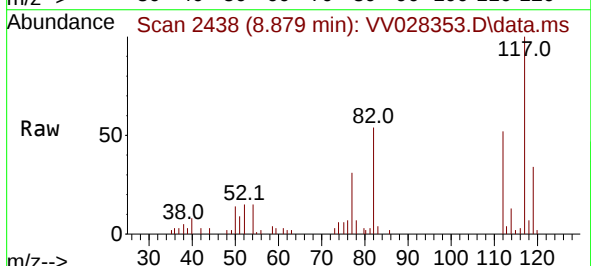
Tgt Ion:112 Resp: 7942

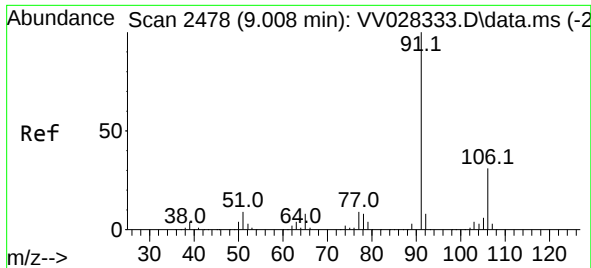
Ion Ratio Lower Upper

112 100

114 24.2 22.5 41.7

77 56.9 46.1 69.1

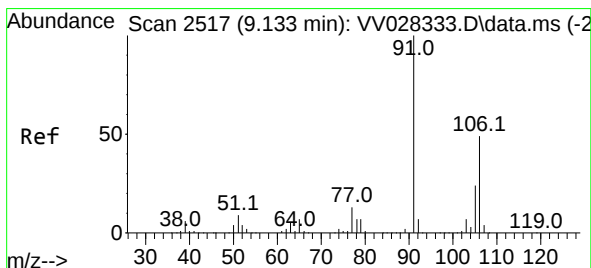
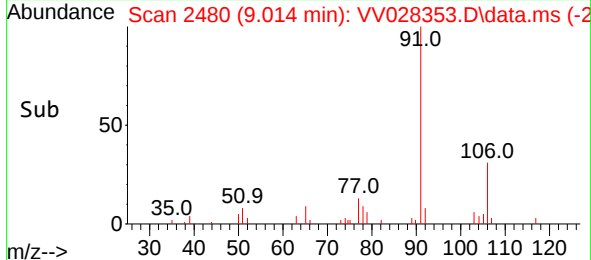
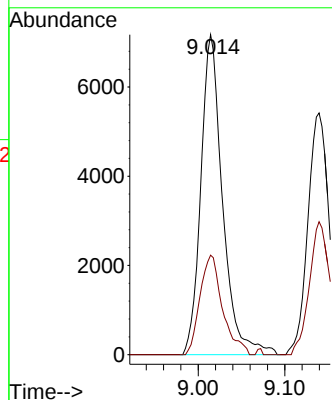
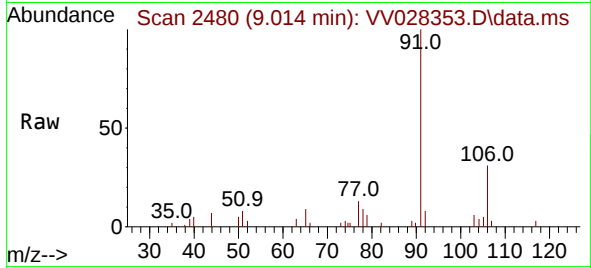




#52
Ethylbenzene
Concen: 0.193 ug/L
RT: 9.014 min Scan# 2478
Delta R.T. 0.006 min
Lab File: VV028353.D
Acq: 05 Oct 2022 02:36

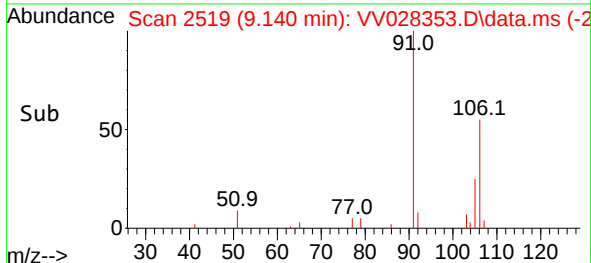
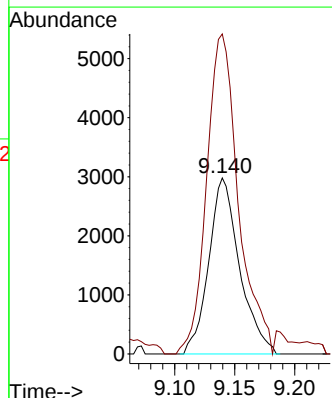
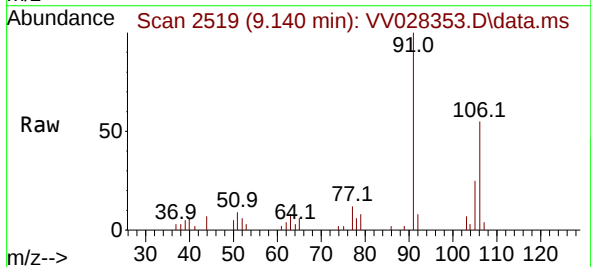
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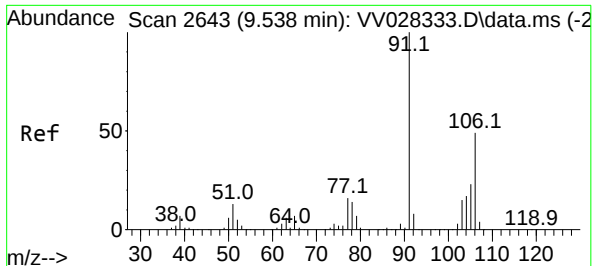
Tgt Ion: 91 Resp: 12485
Ion Ratio Lower Upper
91 100
106 31.1 21.5 39.9



#53
m,p-Xylene
Concen: 0.206 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.006 min
Lab File: VV028353.D
Acq: 05 Oct 2022 02:36

Tgt Ion: 106 Resp: 5329
Ion Ratio Lower Upper
106 100
91 181.8 141.9 263.5

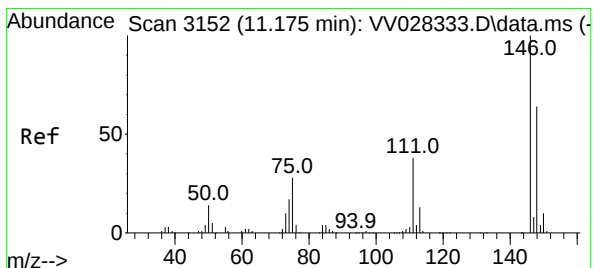
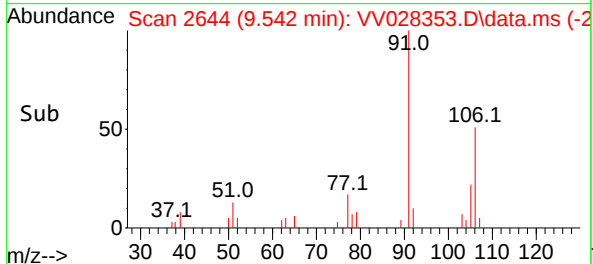
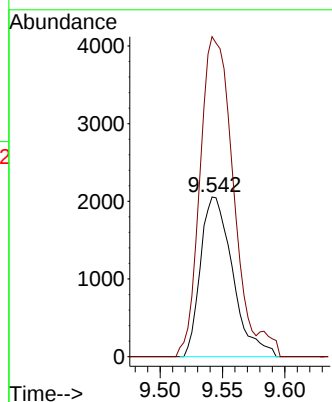
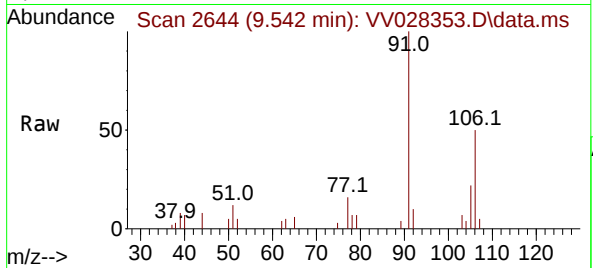




#54
o-Xylene
Concen: 0.151 ug/L
RT: 9.542 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV028353.D
Acq: 05 Oct 2022 02:36

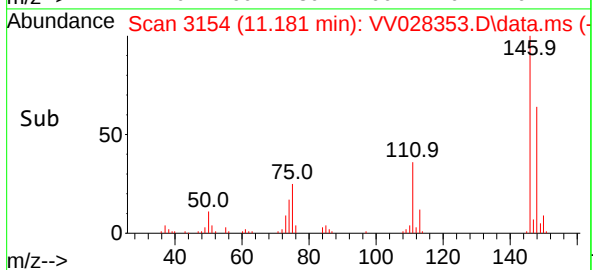
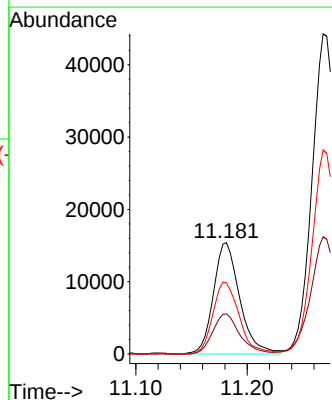
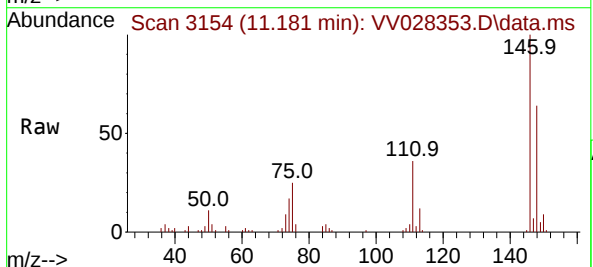
Instrument :
MSVOA_V
ClientSampleId :
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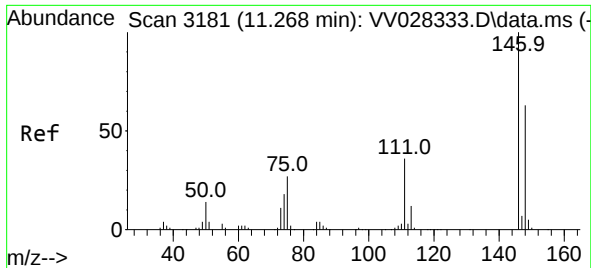
Tgt Ion:106 Resp: 3684
Ion Ratio Lower Upper
106 100
91 200.4 148.1 275.0



#64
1,3-Dichlorobenzene
Concen: 0.902 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.003 min
Lab File: VV028353.D
Acq: 05 Oct 2022 02:36

Tgt Ion:146 Resp: 25244
Ion Ratio Lower Upper
146 100
111 35.9 27.1 50.3
148 63.8 45.7 84.9

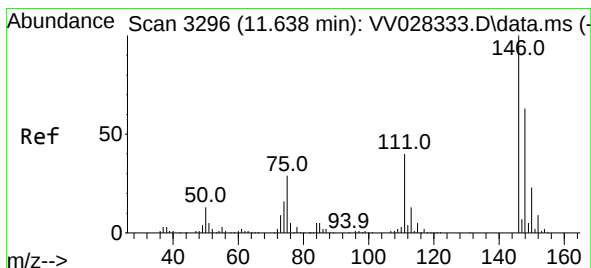
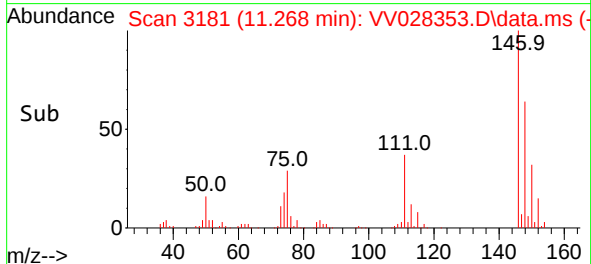
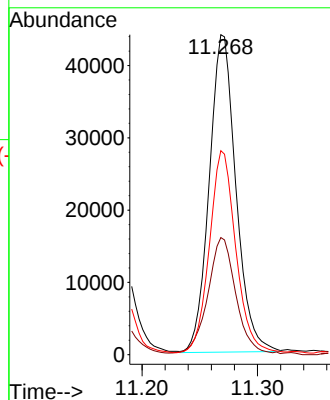
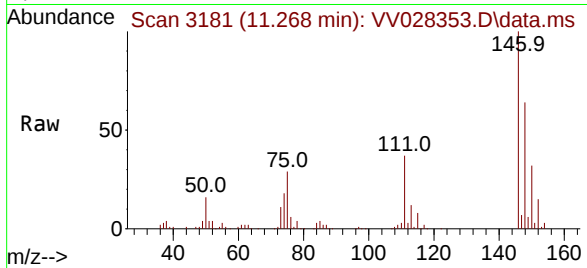




#65
1,4-Dichlorobenzene
Concen: 2.517 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. 0.000 min
Lab File: VV028353.D
Acq: 05 Oct 2022 02:36

Instrument :
MSVOA_V
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Tgt Ion:146 Resp: 70555
Ion Ratio Lower Upper
146 100
111 36.6 26.2 48.8
148 63.8 45.8 85.2



#67
1,2-Dichlorobenzene
Concen: 2.480 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. 0.000 min
Lab File: VV028353.D
Acq: 05 Oct 2022 02:36

Tgt Ion:146 Resp: 62964
Ion Ratio Lower Upper
146 100
111 41.2 32.6 49.0
148 66.6 50.1 75.1

