

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW070122\
 Data File : VW026622.D
 Acq On : 01 Jul 2022 11:53
 Operator : SY/MD
 Sample : N3553-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COAH8

Quant Time: Jul 04 02:03:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jul 04 02:01:03 2022
 Response via : Initial Calibration

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

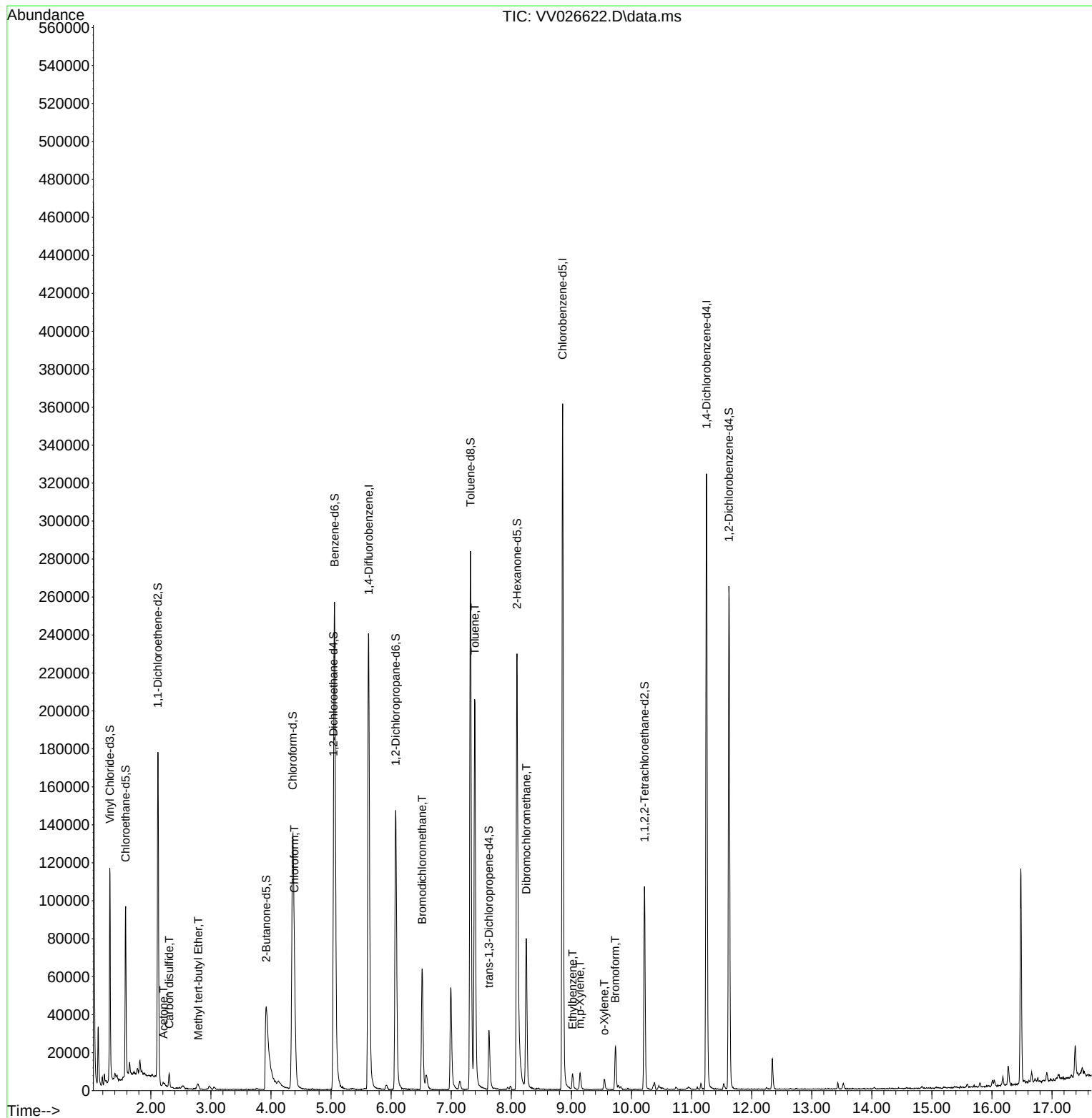
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	219055	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	209195	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	90711	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.317	65	62135	3.527	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.600%
7) Chloroethane-d5	1.580	69	58174	4.111	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.200%
11) 1,1-Dichloroethene-d2	2.117	63	90227	2.882	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.600%#
20) 2-Butanone-d5	3.921	46	108412	61.898	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.800%
24) Chloroform-d	4.362	84	131617	4.570	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
26) 1,2-Dichloroethane-d4	5.040	65	53999	4.868	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	5.059	84	245953	4.093	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.800%
36) 1,2-Dichloropropane-d6	6.075	67	77511	4.691	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.800%
41) Toluene-d8	7.320	98	201213	3.724	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.400%
43) trans-1,3-Dichloroprop...	7.625	79	20428	4.783	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.600%
46) 2-Hexanone-d5	8.095	63	82976	51.005	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.000%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	54571	5.048	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	70905	4.723	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.400%
Target Compounds						Qvalue
13) Acetone	2.211	43	5528	4.975	ug/L	61
14) Carbon disulfide	2.304	76	8578	0.220	ug/L	97
17) Methyl tert-butyl Ether	2.789	73	2326	0.096	ug/L #	70
25) Chloroform	4.387	83	51630	1.781	ug/L	96
38) Bromodichloromethane	6.516	83	44713	2.573	ug/L	97
42) Toluene	7.391	91	158309	2.511	ug/L	97
49) Dibromochloromethane	8.249	129	41651	4.431	ug/L	96
52) Ethylbenzene	9.021	91	6164	0.095	ug/L	97
53) m,p-Xylene	9.143	106	2941	0.116	ug/L	91
54) o-Xylene	9.548	106	1746	0.073	ug/L	97
59) Bromoform	9.731	173	10629	3.180	ug/L	100

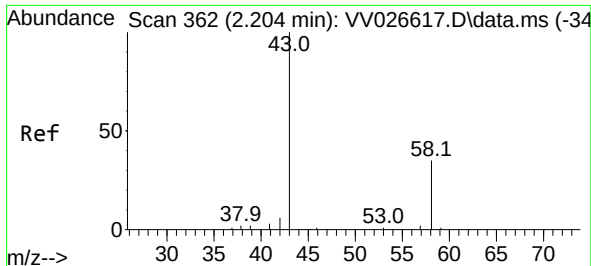
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 04 02:03:15 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Jul 04 02:01:03 2022
Response via : Initial Calibration





#13

Acetone

Concen: 4.975 ug/L

RT: 2.211 min Scan# 3

Delta R.T. 0.006 min

Lab File: VV026622.D

Acq: 01 Jul 2022 11:53

Instrument :

MSVOA_V

ClientSampleId :

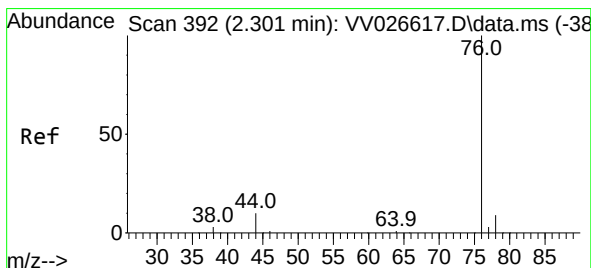
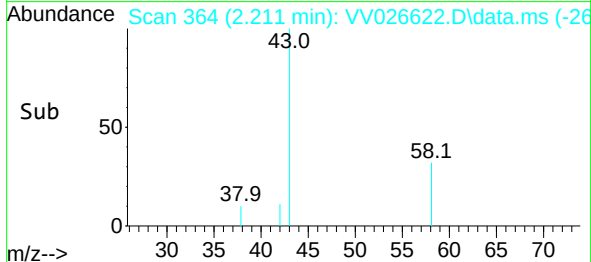
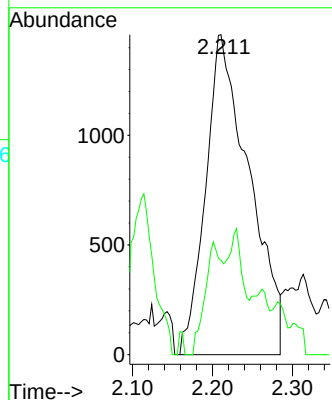
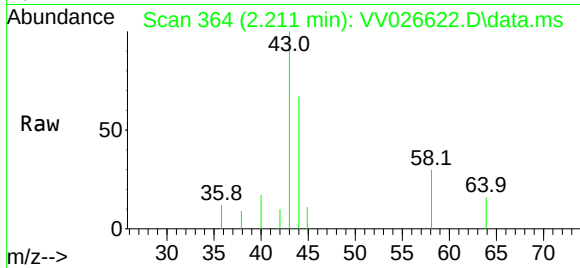
C0AH8

Tgt Ion: 43 Resp: 5528

Ion Ratio Lower Upper

43 100

58 13.9 0.0 75.0



#14

Carbon disulfide

Concen: 0.220 ug/L

RT: 2.304 min Scan# 393

Delta R.T. 0.003 min

Lab File: VV026622.D

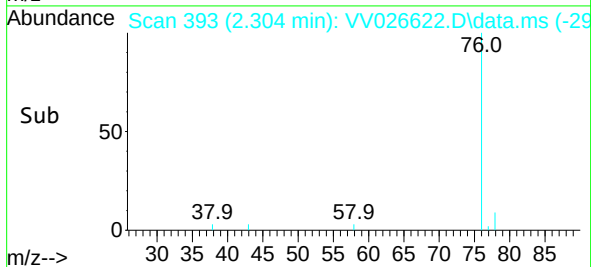
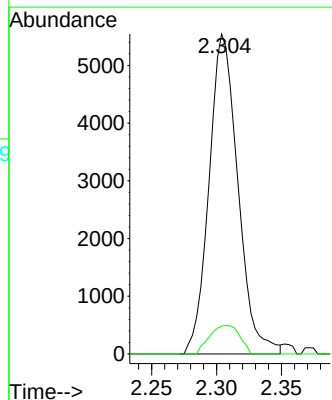
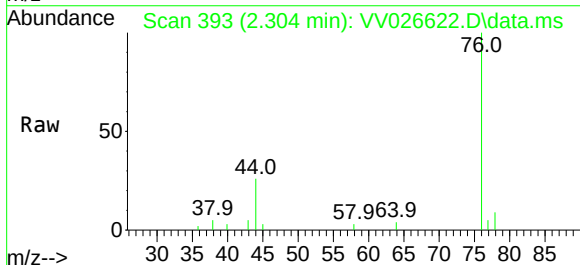
Acq: 01 Jul 2022 11:53

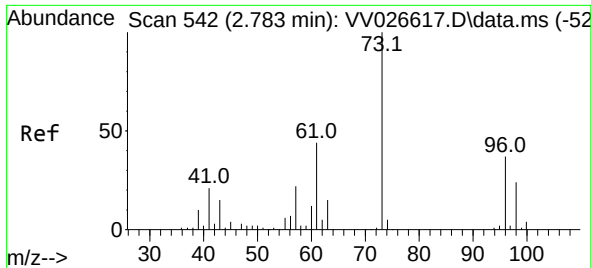
Tgt Ion: 76 Resp: 8578

Ion Ratio Lower Upper

76 100

78 8.7 7.8 11.6

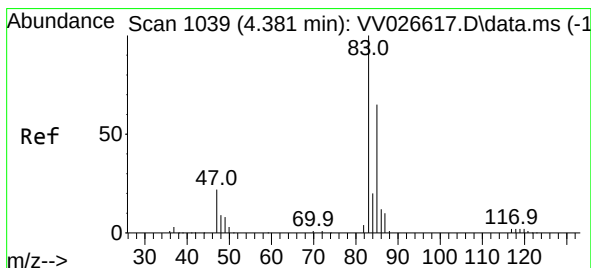
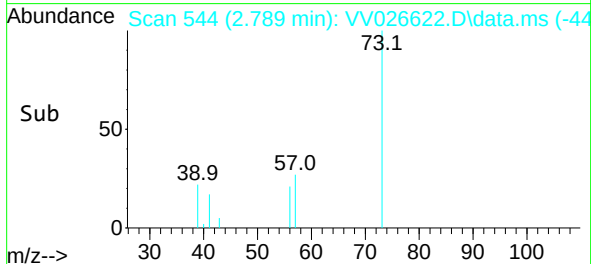
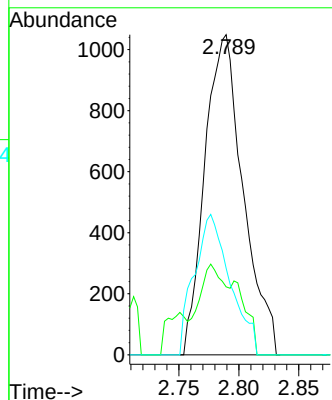
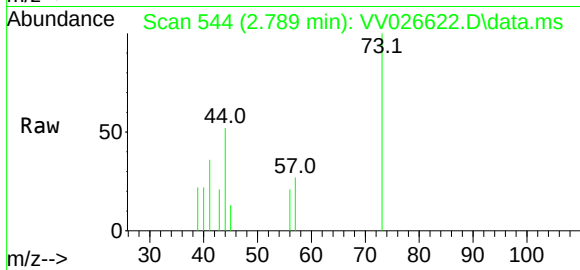




#17
Methyl tert-butyl Ether
Concen: 0.096 ug/L
RT: 2.789 min Scan# 54
Delta R.T. 0.007 min
Lab File: VV026622.D
Acq: 01 Jul 2022 11:53

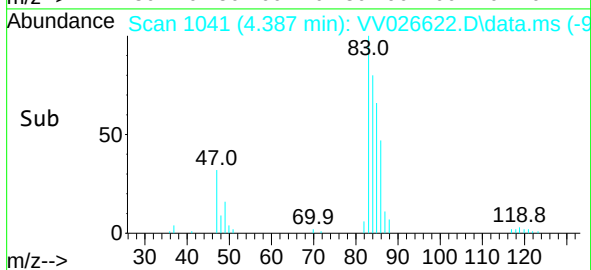
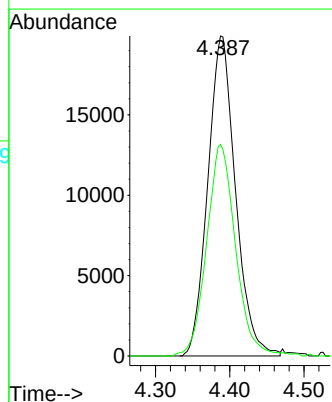
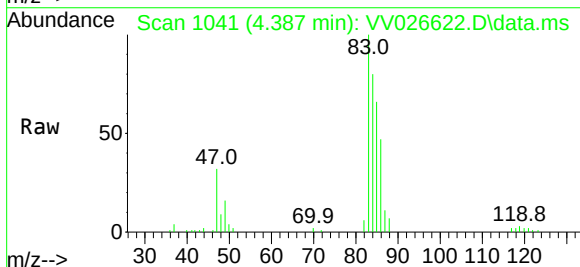
Instrument :
MSVOA_V
ClientSampleId :
C0AH8

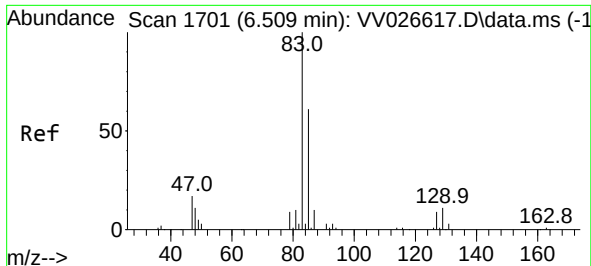
Tgt Ion: 73 Resp: 2326
Ion Ratio Lower Upper
73 100
43 10.4 13.3 19.9#
57 41.1 17.2 25.8#



#25
Chloroform
Concen: 1.781 ug/L
RT: 4.387 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VV026622.D
Acq: 01 Jul 2022 11:53

Tgt Ion: 83 Resp: 51630
Ion Ratio Lower Upper
83 100
85 66.1 44.0 81.8





#38

Bromodichloromethane

Concen: 2.573 ug/L

RT: 6.516 min Scan# 1

Delta R.T. 0.007 min

Lab File: VV026622.D

Acq: 01 Jul 2022 11:53

Instrument :

MSVOA_V

ClientSampleId :

C0AH8

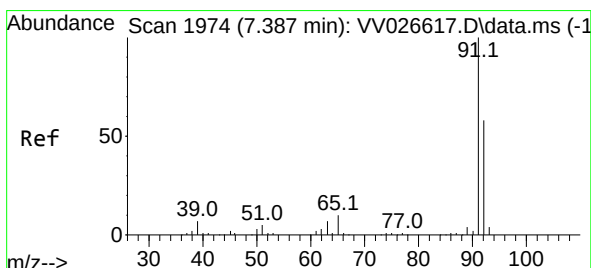
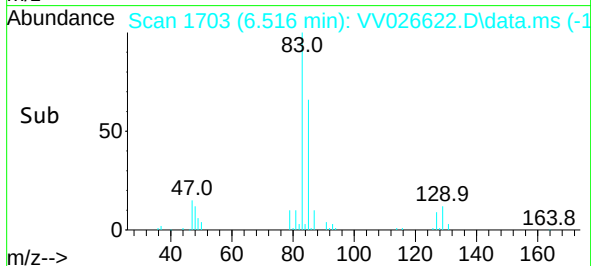
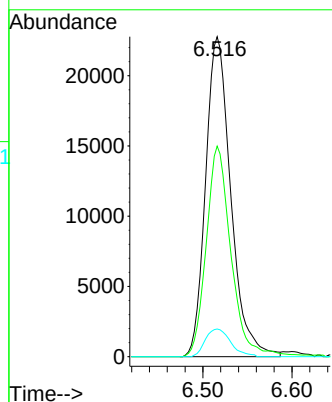
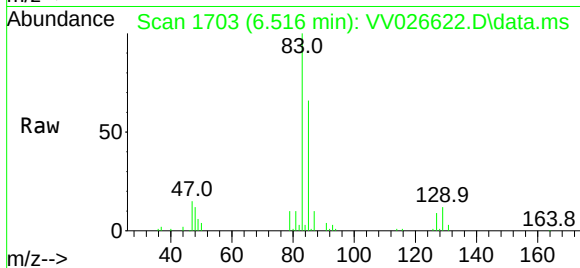
Tgt Ion: 83 Resp: 44713

Ion Ratio Lower Upper

83 100

85 65.8 44.0 81.8

127 8.7 6.6 10.0



#42

Toluene

Concen: 2.511 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. 0.003 min

Lab File: VV026622.D

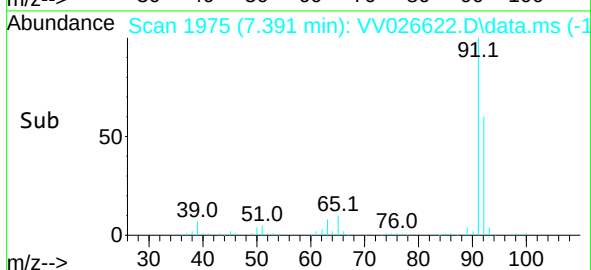
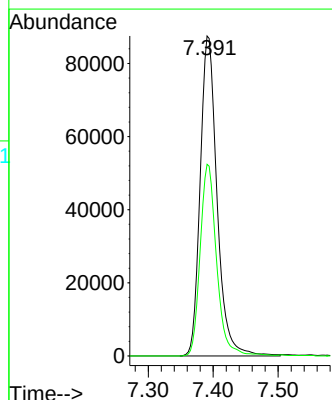
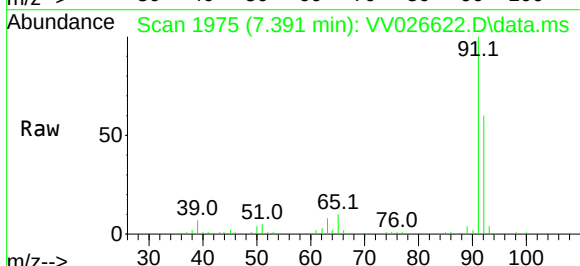
Acq: 01 Jul 2022 11:53

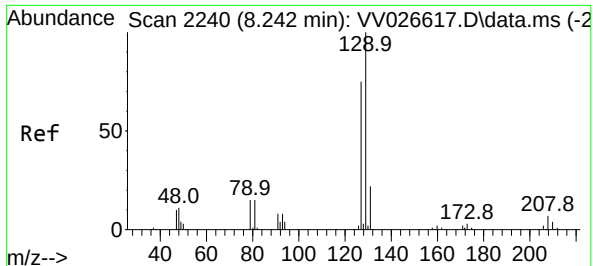
Tgt Ion: 91 Resp: 158309

Ion Ratio Lower Upper

91 100

92 59.9 40.3 74.9





#49

Dibromochloromethane

Concen: 4.431 ug/L

RT: 8.249 min Scan# 21

Delta R.T. 0.007 min

Lab File: VV026622.D

Acq: 01 Jul 2022 11:53

Instrument :

MSVOA_V

ClientSampleId :

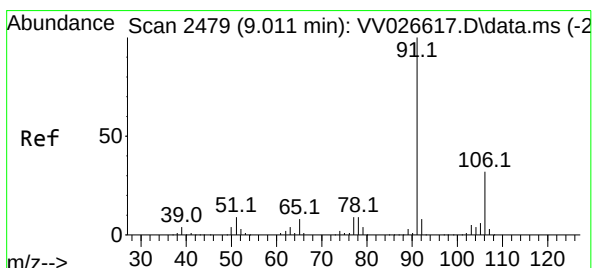
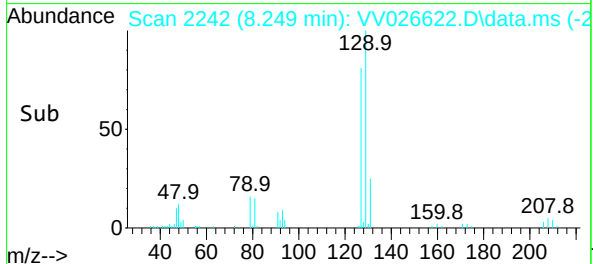
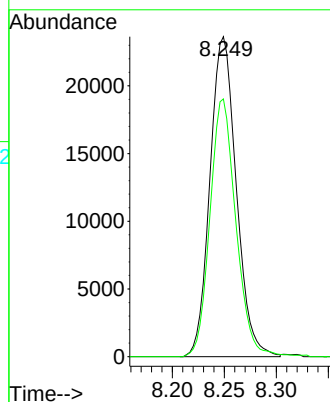
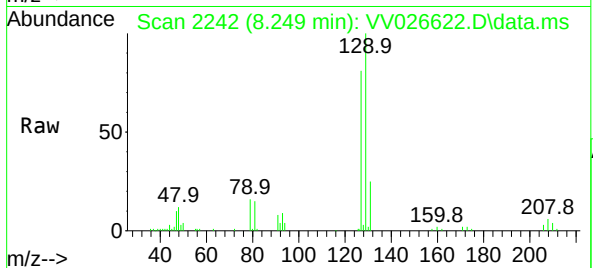
C0AH8

Tgt Ion:129 Resp: 41651

Ion Ratio Lower Upper

129 100

127 80.5 54.2 100.6



#52

Ethylbenzene

Concen: 0.095 ug/L

RT: 9.021 min Scan# 2482

Delta R.T. 0.010 min

Lab File: VV026622.D

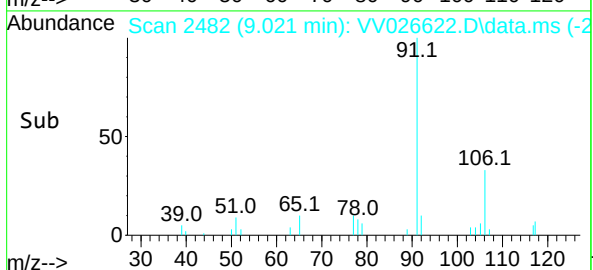
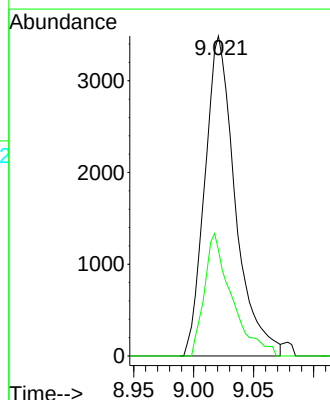
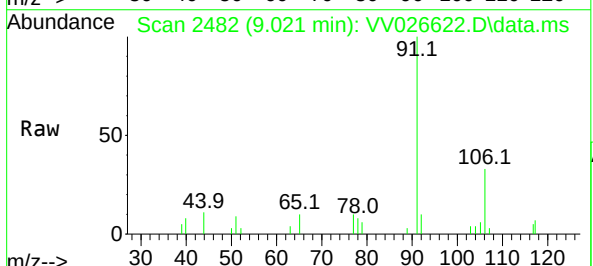
Acq: 01 Jul 2022 11:53

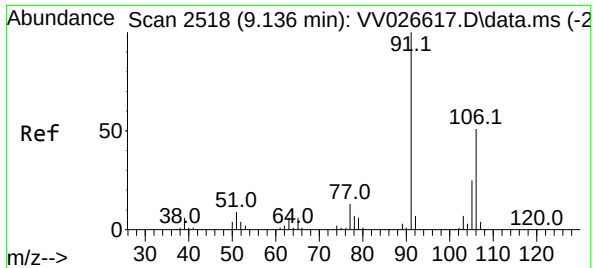
Tgt Ion: 91 Resp: 6164

Ion Ratio Lower Upper

91 100

106 33.1 22.1 41.1

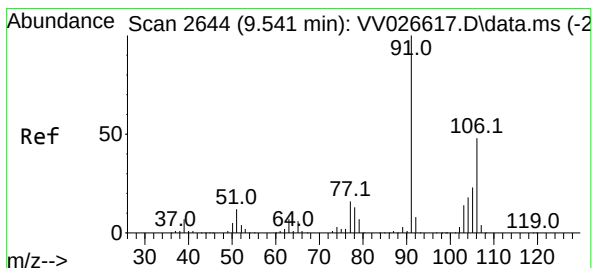
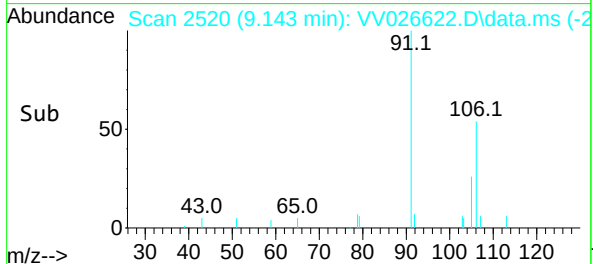
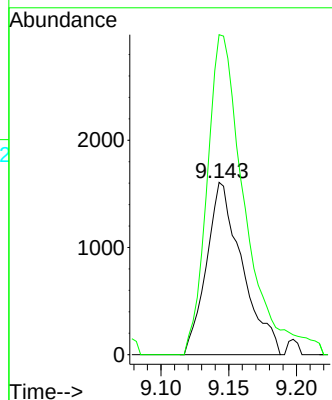
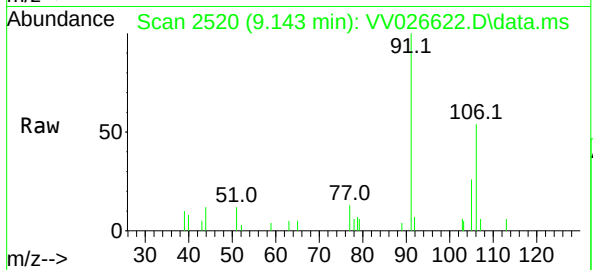




#53
m,p-Xylene
Concen: 0.116 ug/L
RT: 9.143 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV026622.D
Acq: 01 Jul 2022 11:53

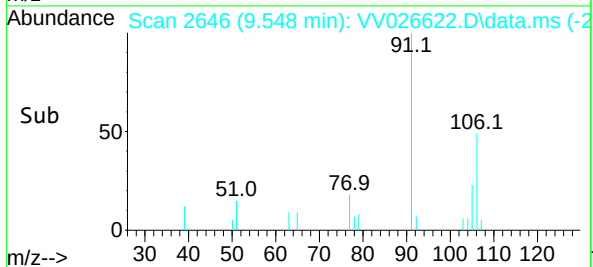
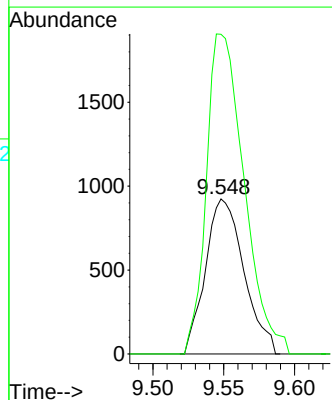
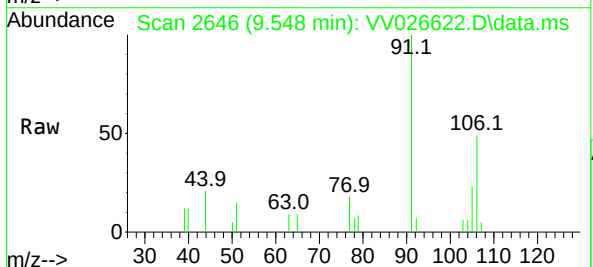
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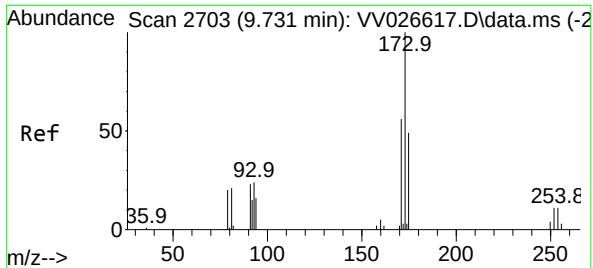
Tgt Ion:106 Resp: 2941
Ion Ratio Lower Upper
106 100
91 185.7 139.9 259.9



#54
o-Xylene
Concen: 0.073 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.007 min
Lab File: VV026622.D
Acq: 01 Jul 2022 11:53

Tgt Ion:106 Resp: 1746
Ion Ratio Lower Upper
106 100
91 206.2 147.5 273.9





#59
 Bromoform
 Concen: 3.180 ug/L
 RT: 9.731 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV026622.D
 Acq: 01 Jul 2022 11:53

Instrument :
 MSVOA_V
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 C0AH8

Tgt Ion:	173	Resp:	10629
Ion	Ratio	Lower	Upper
173	100		
175	47.4	37.9	56.9
254	7.8	6.3	9.5

