

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022122\
 Data File : VW024785.D
 Acq On : 21 Feb 2022 19:02
 Operator : SY/MD
 Sample : N1623-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBD40

Quant Time: Feb 22 03:31:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 22 03:27:30 2022
 Response via : Initial Calibration

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

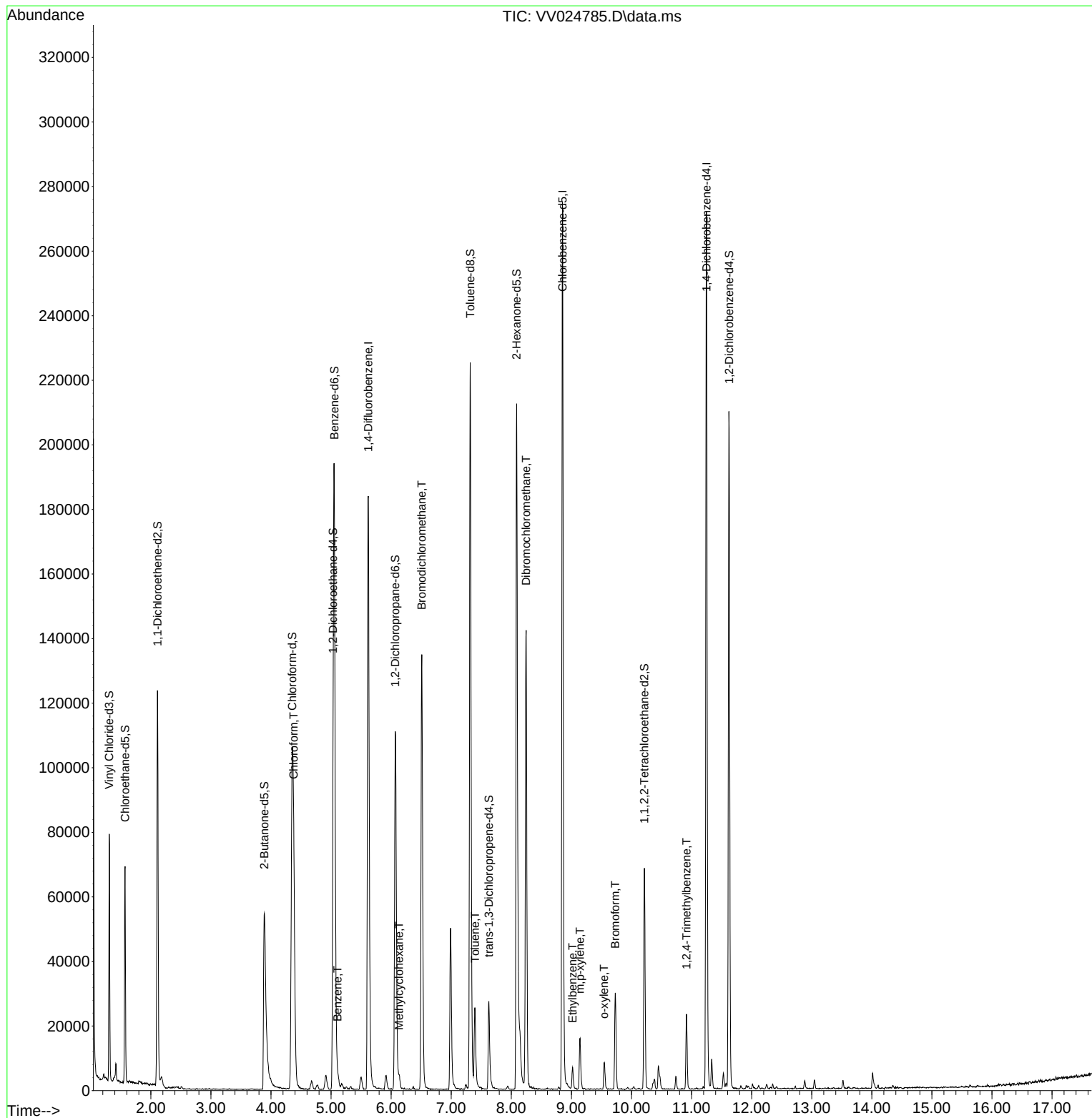
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	163405	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	150366	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	66883	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	46834	3.379	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.600%
7) Chloroethane-d5	1.571	69	42720	3.757	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.200%
11) 1,1-Dichloroethene-d2	2.111	63	64490	2.539	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	50.800%#
20) 2-Butanone-d5	3.889	46	95092	48.033	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.060%
24) Chloroform-d	4.352	84	93691	4.332	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
26) 1,2-Dichloroethane-d4	5.034	65	42454	4.404	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
32) Benzene-d6	5.053	84	179486	4.138	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.800%
36) 1,2-Dichloropropane-d6	6.069	67	57901	4.536	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.800%
41) Toluene-d8	7.317	98	152496	3.869	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.400%
43) trans-1,3-Dichloroprop...	7.625	79	17452	4.104	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.000%
46) 2-Hexanone-d5	8.088	63	75141	44.904	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.800%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	34575	4.494	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	51609	4.460	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.200%
Target Compounds						Qvalue
25) Chloroform	4.378	83	61291	2.578	ug/L	98
33) Benzene	5.104	78	2458	0.048	ug/L	100
35) Methylcyclohexane	6.130	83	1446	0.066	ug/L	94
38) Bromodichloromethane	6.510	83	91269	6.028	ug/L	98
42) Toluene	7.394	91	20183	0.372	ug/L	98
49) Dibromochloromethane	8.246	129	72695	8.372	ug/L	100
52) Ethylbenzene	9.021	91	5309	0.090	ug/L	99
53) m,p-xylene	9.143	106	4691	0.210	ug/L	89
54) o-xylene	9.545	106	2470	0.113	ug/L	81
59) Bromoform	9.731	173	12339	3.644	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	13806	0.302	ug/L	98

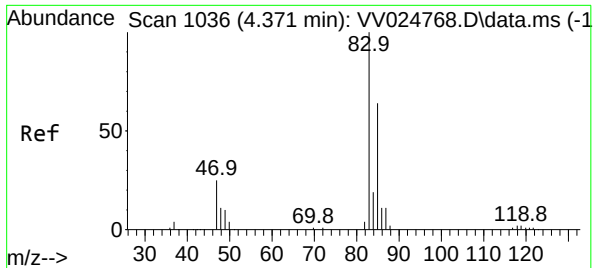
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Chloroform

Concen: 2.578 ug/L

RT: 4.378 min Scan# 1036

Delta R.T. 0.007 min

Lab File: VV024785.D

Acq: 21 Feb 2022 19:02

Instrument :

MSVOA_V

ClientSampleId :

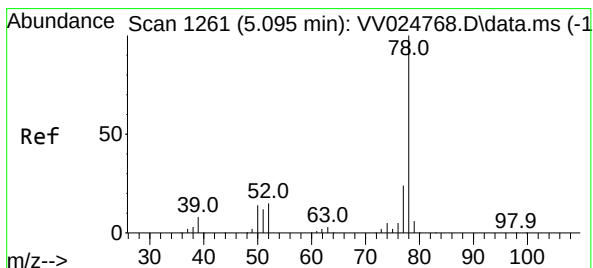
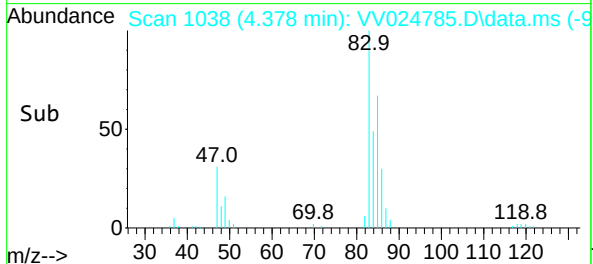
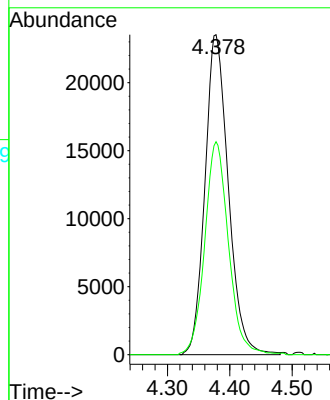
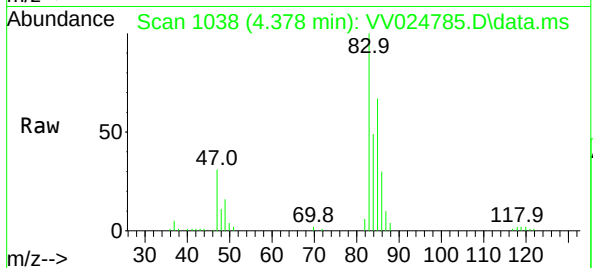
GBD40

Tgt Ion: 83 Resp: 61291

Ion Ratio Lower Upper

83 100

85 66.5 45.5 84.5



#33

Benzene

Concen: 0.048 ug/L

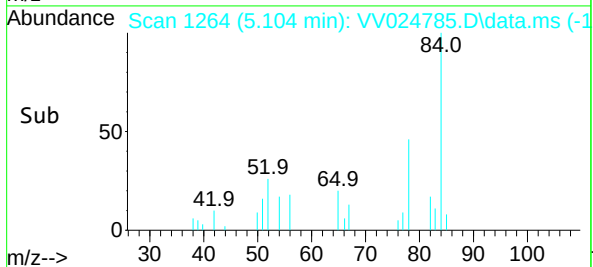
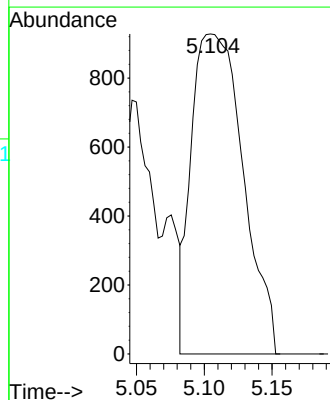
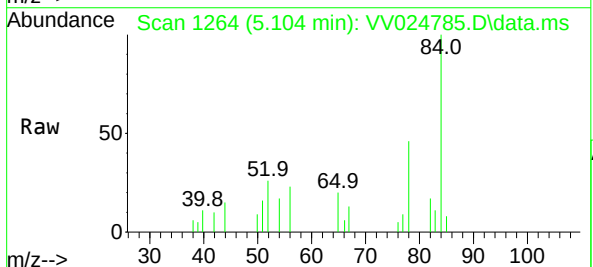
RT: 5.104 min Scan# 1264

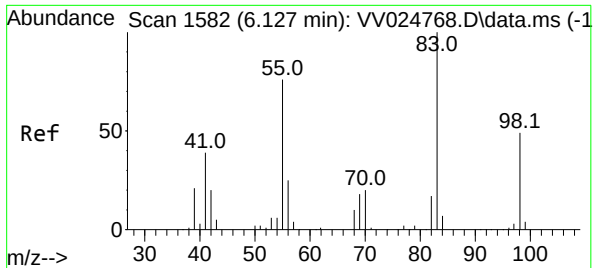
Delta R.T. 0.010 min

Lab File: VV024785.D

Acq: 21 Feb 2022 19:02

Tgt Ion: 78 Resp: 2458

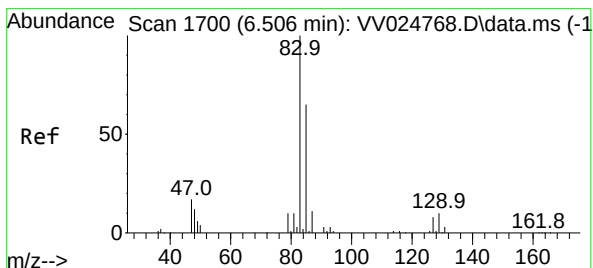
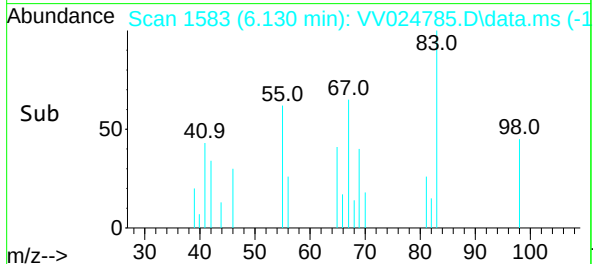
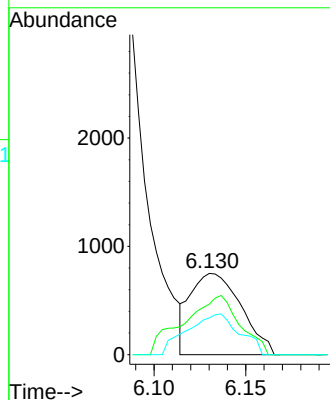
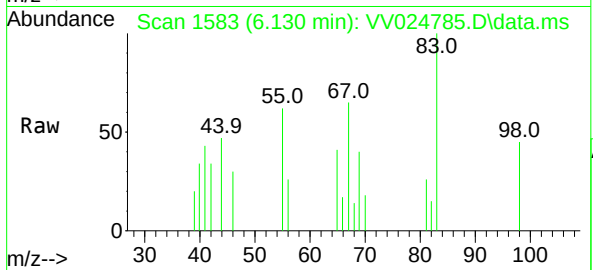




#35
Methylcyclohexane
Concen: 0.066 ug/L
RT: 6.130 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV024785.D
Acq: 21 Feb 2022 19:02

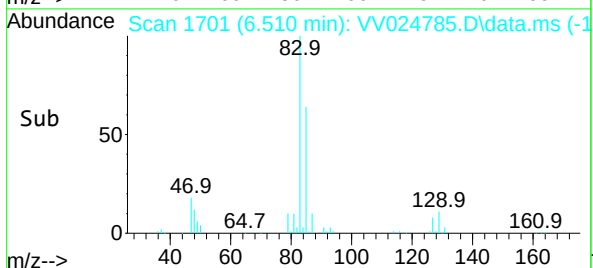
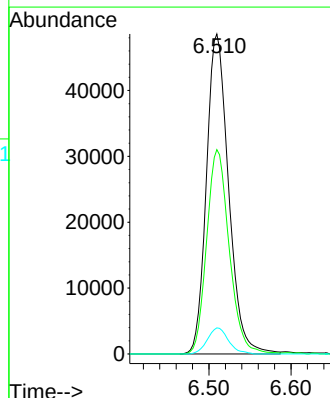
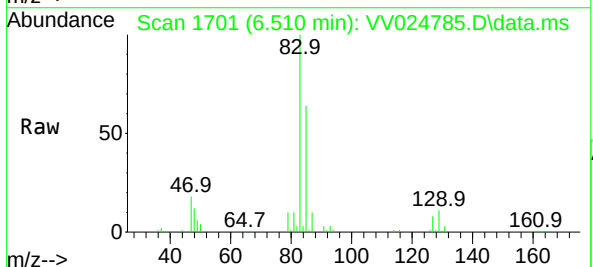
Instrument :
MSVOA_V
ClientSampleId :
GBD40

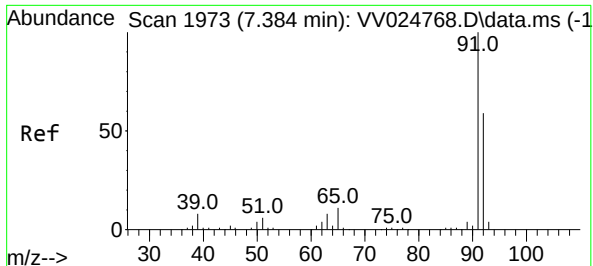
Tgt Ion: 83	Resp:	1446
Ion	Ratio	Lower Upper
83	100	
55	79.9	58.8 88.2
98	51.5	38.6 58.0



#38
Bromodichloromethane
Concen: 6.028 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. 0.003 min
Lab File: VV024785.D
Acq: 21 Feb 2022 19:02

Tgt Ion: 83	Resp:	91269
Ion	Ratio	Lower Upper
83	100	
85	63.9	43.5 80.9
127	8.2	6.6 10.0





#42

Toluene

Concen: 0.372 ug/L

RT: 7.394 min Scan# 1976

Delta R.T. 0.010 min

Lab File: VV024785.D

Acq: 21 Feb 2022 19:02

Instrument :

MSVOA_V

ClientSampleId :

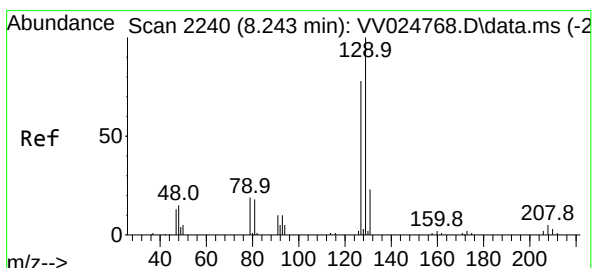
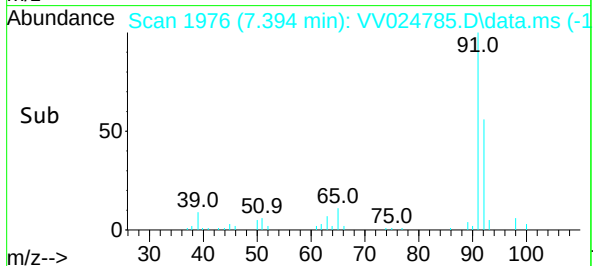
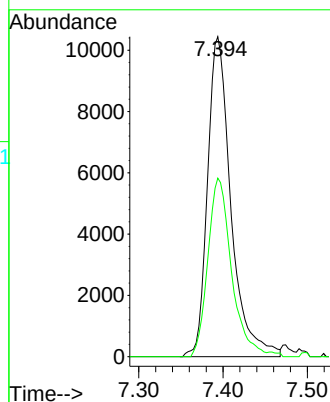
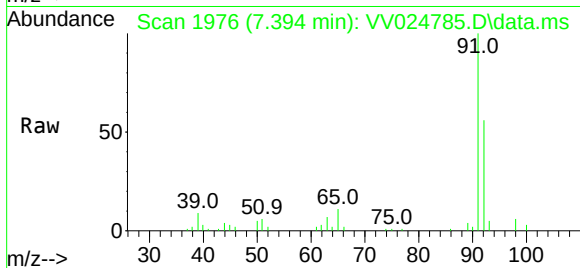
GBD40

Tgt Ion: 91 Resp: 20183

Ion Ratio Lower Upper

91 100

92 55.8 40.3 74.9



#49

Dibromochloromethane

Concen: 8.372 ug/L

RT: 8.246 min Scan# 2241

Delta R.T. 0.003 min

Lab File: VV024785.D

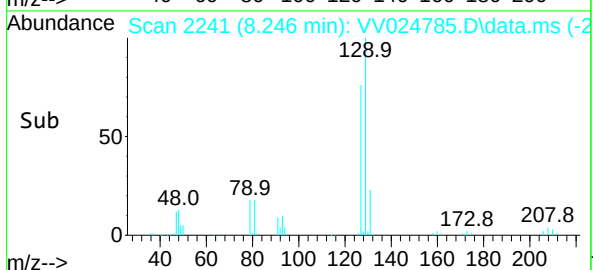
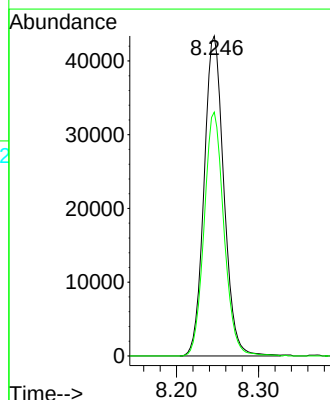
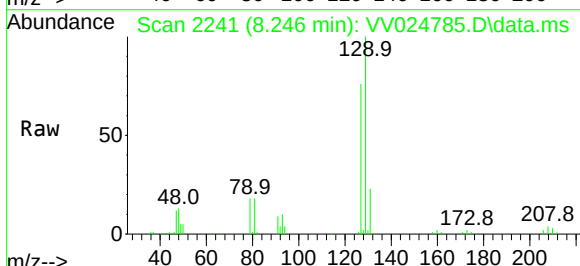
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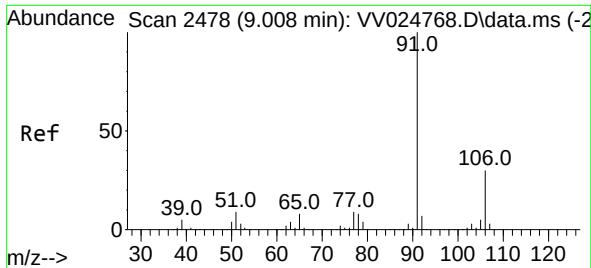
Tgt Ion: 129 Resp: 72695

Ion Ratio Lower Upper

129 100

127 76.2 53.6 99.6

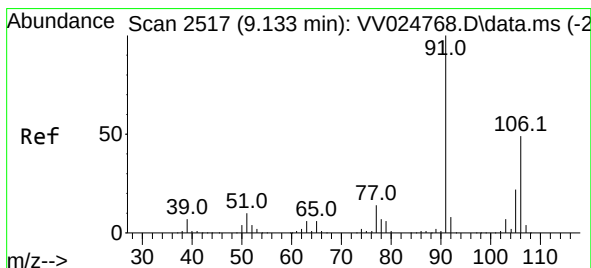
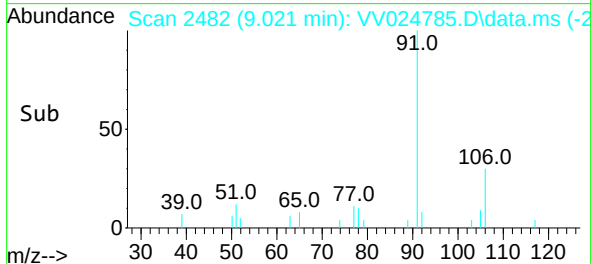
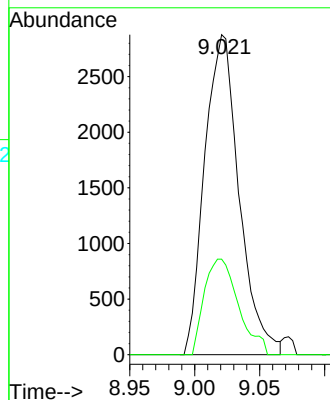
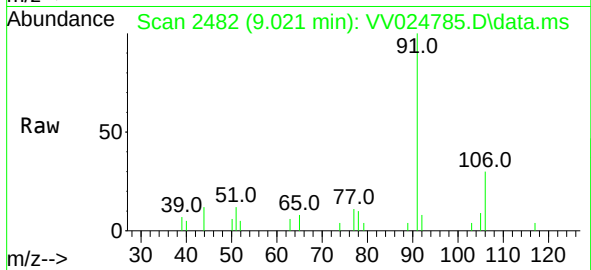




#52
Ethylbenzene
Concen: 0.090 ug/L
RT: 9.021 min Scan# 24
Delta R.T. 0.013 min
Lab File: VV024785.D
Acq: 21 Feb 2022 19:02

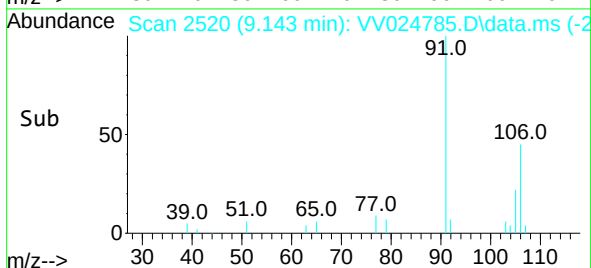
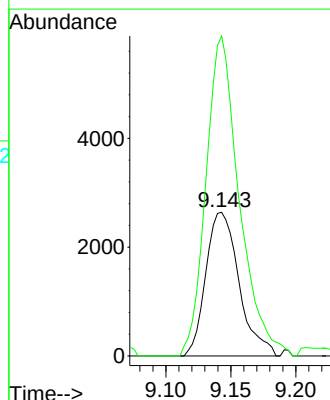
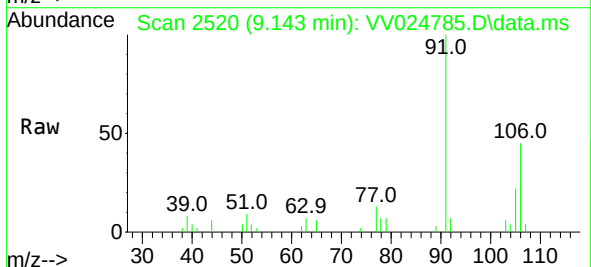
Instrument :
MSVOA_V
ClientSampleId :
GBD40

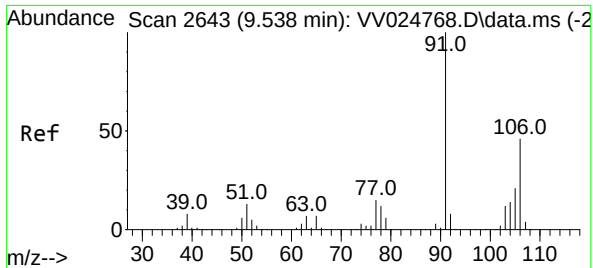
Tgt Ion: 91 Resp: 5309
Ion Ratio Lower Upper
91 100
106 29.9 21.3 39.5



#53
m,p-xylene
Concen: 0.210 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.010 min
Lab File: VV024785.D
Acq: 21 Feb 2022 19:02

Tgt Ion: 106 Resp: 4691
Ion Ratio Lower Upper
106 100
91 222.7 143.6 266.6

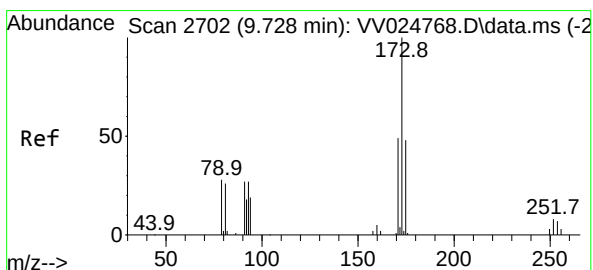
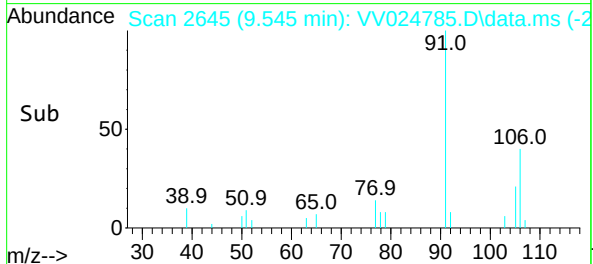
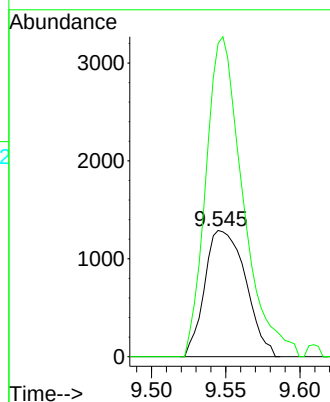
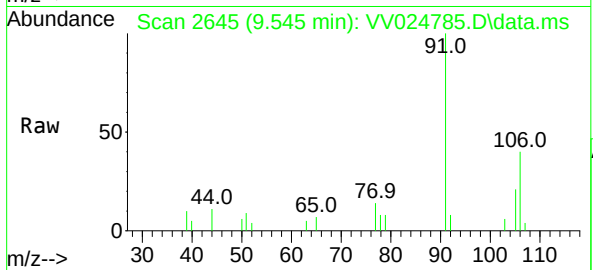




#54
o-xylene
Concen: 0.113 ug/L
RT: 9.545 min Scan# 21
Delta R.T. 0.007 min
Lab File: VV024785.D
Acq: 21 Feb 2022 19:02

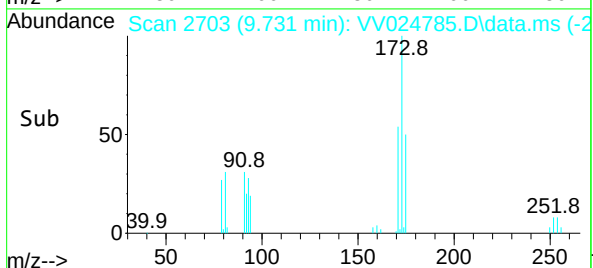
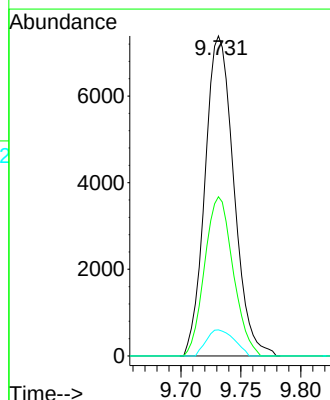
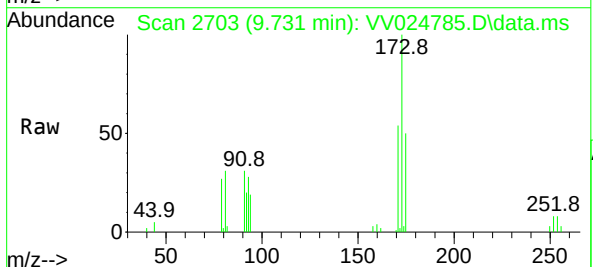
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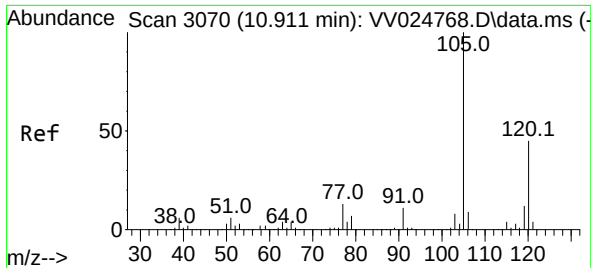
Tgt Ion:106 Resp: 2470
Ion Ratio Lower Upper
106 100
91 248.3 152.2 282.7



#59
Bromoform
Concen: 3.644 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.003 min
Lab File: VV024785.D
Acq: 21 Feb 2022 19:02

Tgt Ion:173 Resp: 12339
Ion Ratio Lower Upper
173 100
175 49.1 39.4 59.0
254 7.9 7.0 10.4





#63
 1,2,4-Trimethylbenzene
 Concen: 0.302 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. 0.003 min
 Lab File: VV024785.D
 Acq: 21 Feb 2022 19:02

Instrument :
 MSVOA_V
 ClientSampleId :
 GBD40

Tgt Ion:105 Resp: 13806
 Ion Ratio Lower Upper
 105 100
 120 43.7 35.9 53.9

