

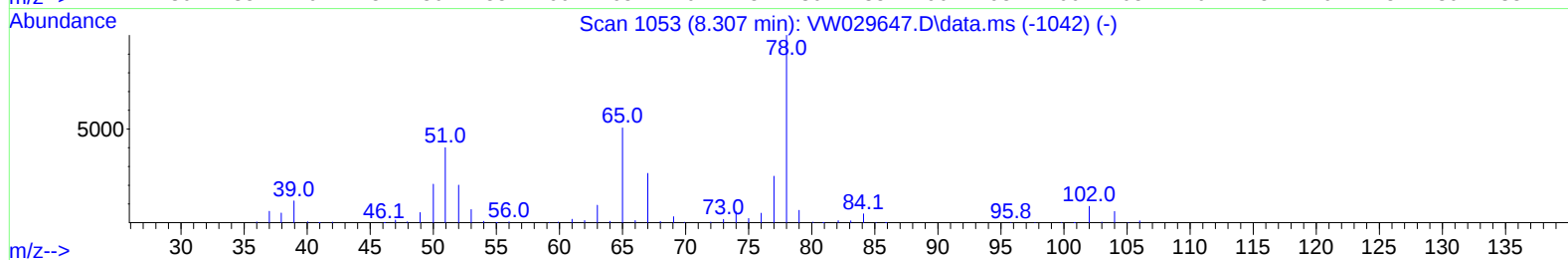
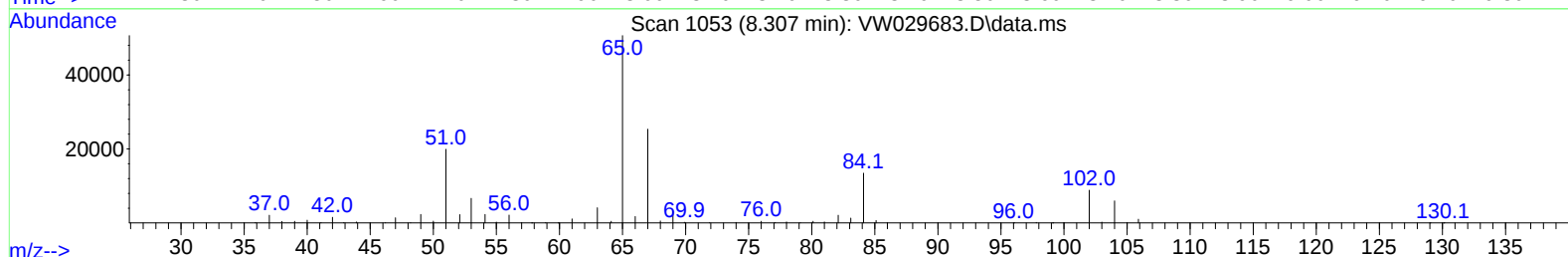
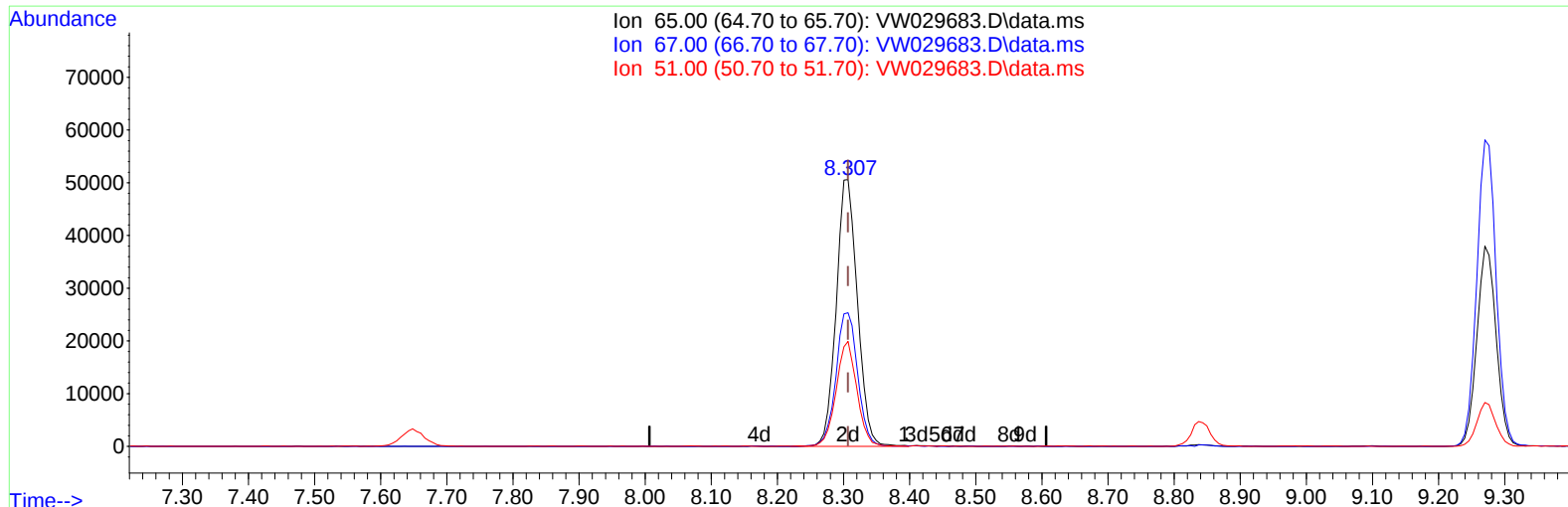
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072224\
Data File : VW029683.D
Acq On : 22 Jul 2024 15:02
Operator : SY/MD
Sample : P3298-11
Misc : 5.57g/10mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BHB31

Manual IntegrationsAPPROVED

Quant Time: Jul 22 15:32:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jul 19 23:16:32 2024
Response via : Initial Calibration

Reviewed By :Romaben Patel 07/23/2024
Supervised By :Mahesh Dadoda 07/24/2024



TIC: VW029683.D\data.ms

(26) 1,2-Dichloroethane-d4 (S)

8.307min (+ 0.000) 17.69 ug/L m

response 112891

Ion	Exp%	Act%
65.00	100.00	100.00
67.00	51.60	0.06#
51.00	101.40	0.12#
0.00	0.00	0.00

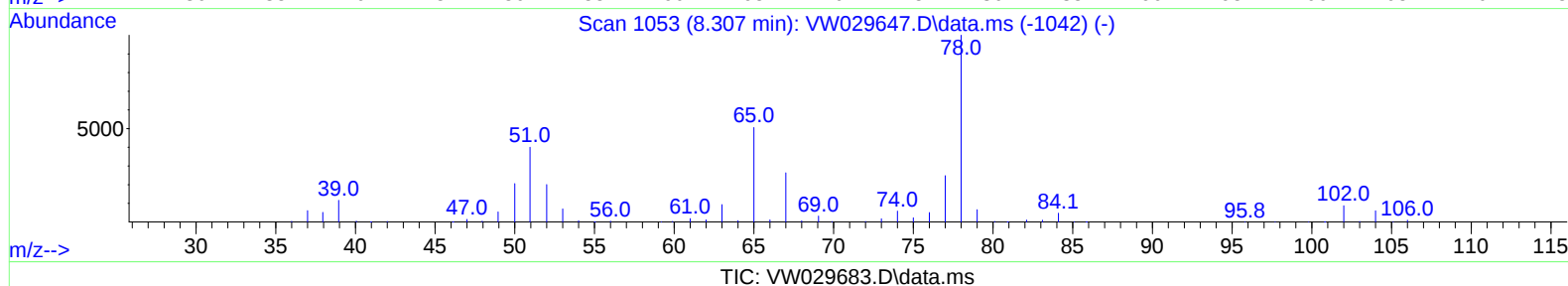
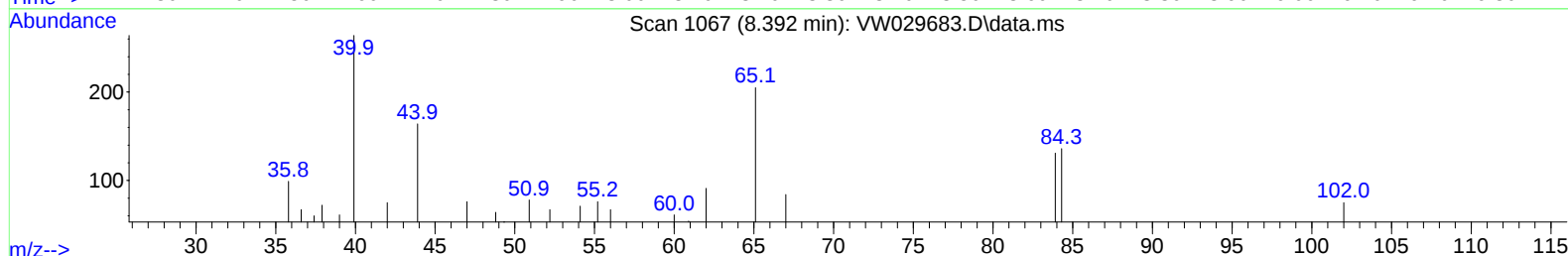
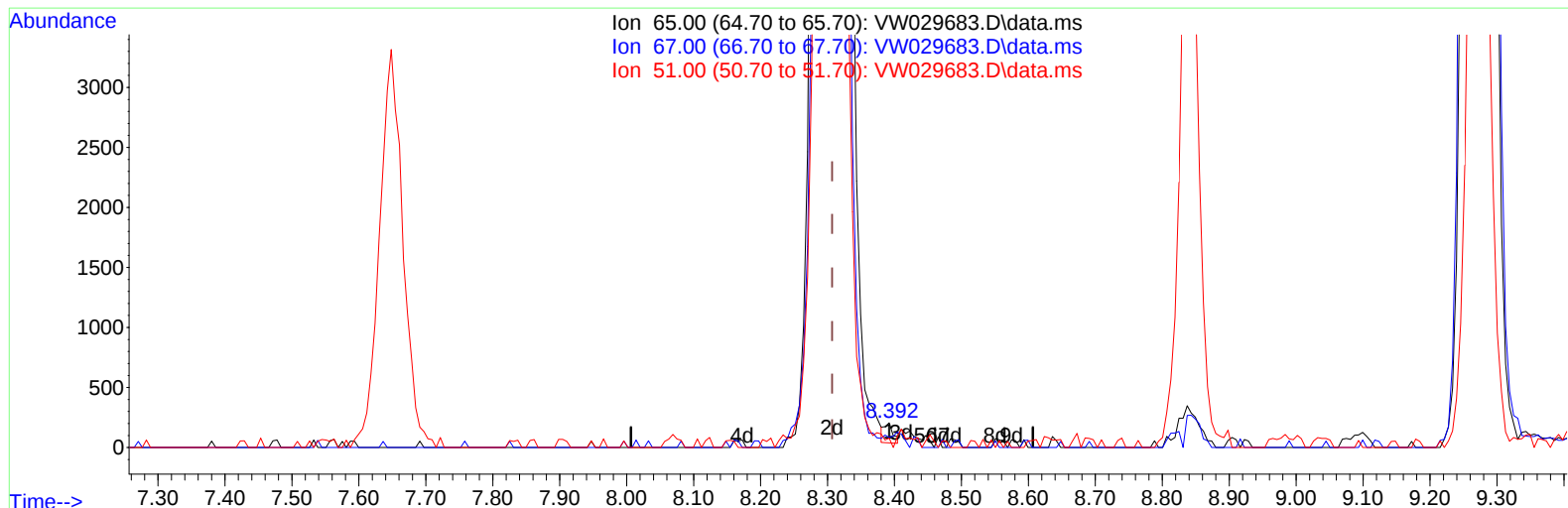
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(26) 1,2-Dichloroethane-d4 (S)

8.392min (+ 0.085) 0.02 ug/L

response 153

Ion	Exp%	Act%
65.00	100.00	100.00
67.00	51.60	45.10
51.00	101.40	90.20
0.00	0.00	0.00

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	376429	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	370006	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	169324	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	71501	11.758	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	47.040%
7) Chloroethane-d5	2.899	69	61116	13.958	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.840%
11) 1,1-Dichloroethene-d2	4.027	65	36704	13.441	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.760%
21) 2-Butanone-d5	7.075	46	60467	33.125	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.240%
24) Chloroform-d	7.648	84	182104	16.734	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	66.920%
26) 1,2-Dichloroethane-d4	8.392	65	153	0.024	ug/L	0.09
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.080%#
32) Benzene-d6	8.276	84	341783	15.420	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	61.680%
36) 1,2-Dichloropropane-d6	9.270	67	118514	16.723	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	66.880%#
41) Toluene-d8	10.319	98	289967	14.875	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	59.520%
43) trans-1,3-Dichloroprop...	10.575	79	43082	14.355	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	57.440%
47) 2-Hexanone-d5	10.922	63	43489	33.770	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.540%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	99003	17.206	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	68.840%
66) 1,2-Dichlorobenzene-d4	13.848	152	104492	17.720	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	70.880%#
Target Compounds						
					Qvalue	
16) Methylene chloride	4.923	84	26776	3.973	ug/L	95
20) cis-1,2-Dichloroethene	7.173	96	184905	32.630	ug/L	91
34) Trichloroethene	9.093	95	7283	1.191	ug/L	97
46) Tetrachloroethene	10.855	164	35449	8.162	ug/L	96

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

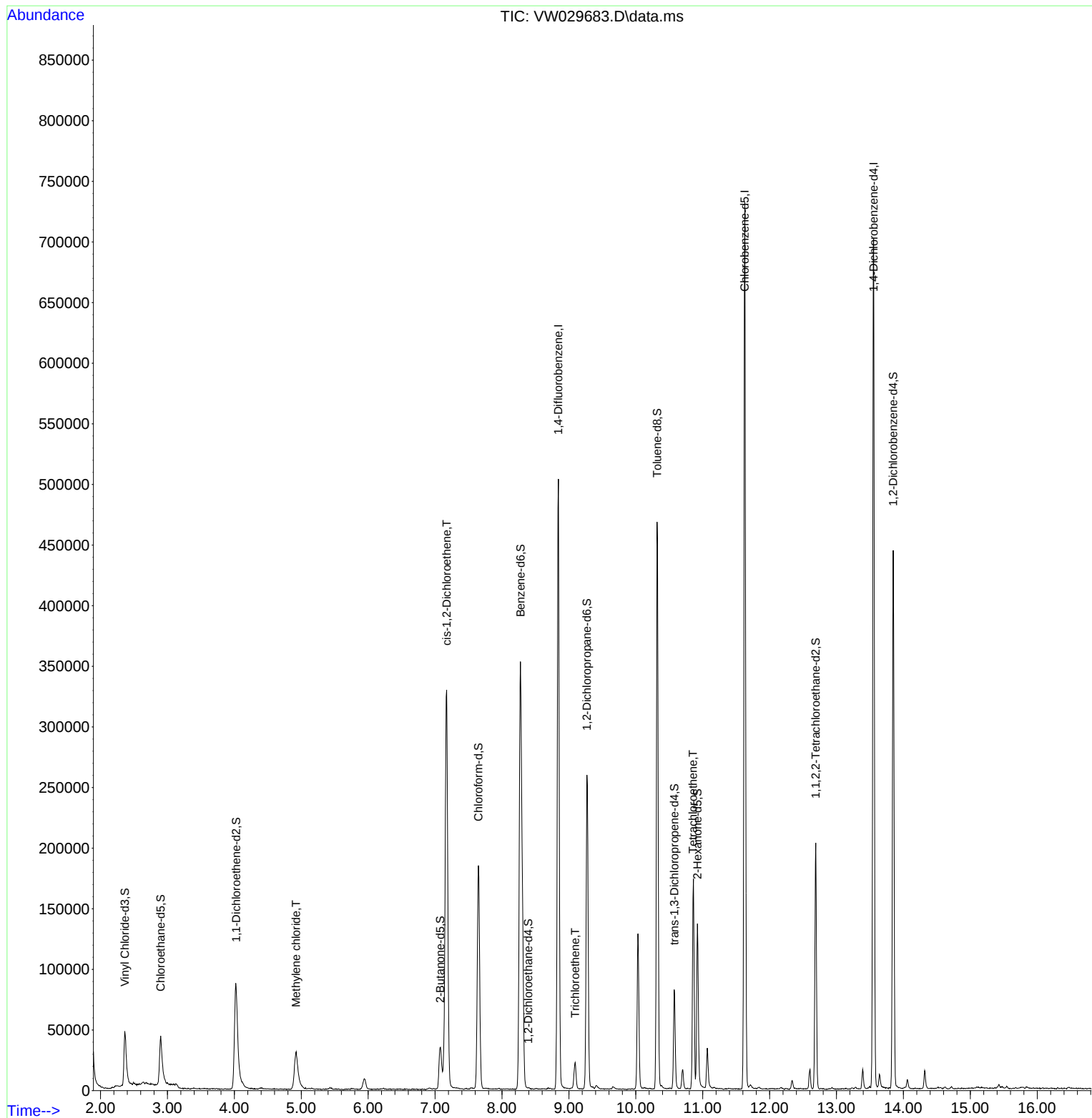
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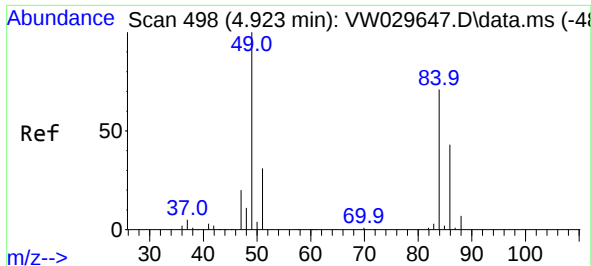
Instrument :
MSVOA_W
ClientSampleId :
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Manual IntegrationsAPPROVED

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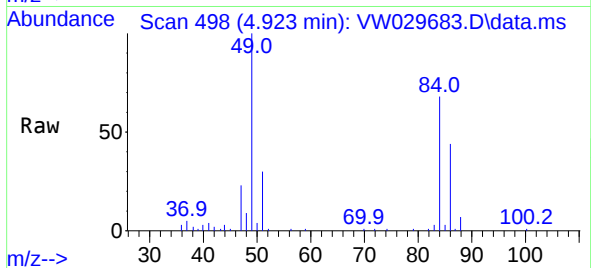
Quant Time: Jul 22 15:32:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jul 19 23:16:32 2024
Response via : Initial Calibration





#16
Methylene chloride
Concen: 3.973 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.000 min
Lab File: VW029683.D
Acq: 22 Jul 2024 15:02

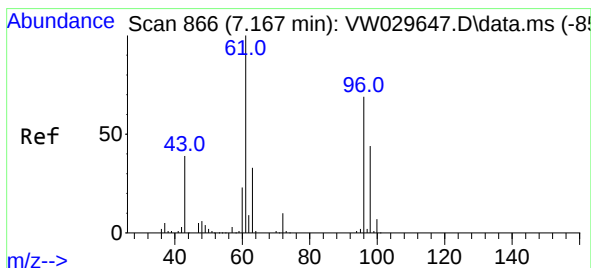
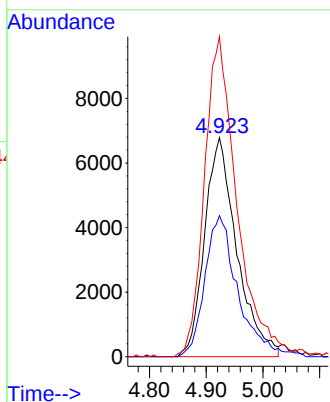
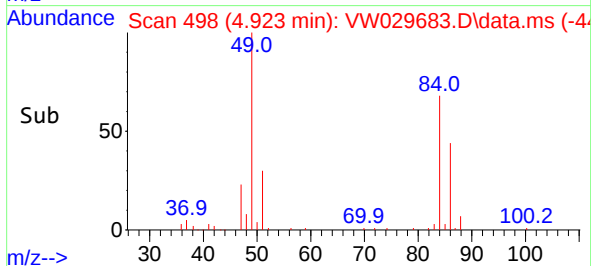
Instrument :
MSVOA_W
ClientSampleId :
BHB31



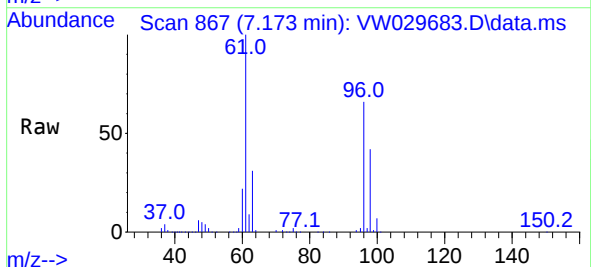
Tgt Ion: 84 Resp: 26770
Ion Ratio Lower Upper
84 100
86 64.4 46.2 85.8
49 146.1 96.7 179.7

Manual IntegrationsAPPROVED

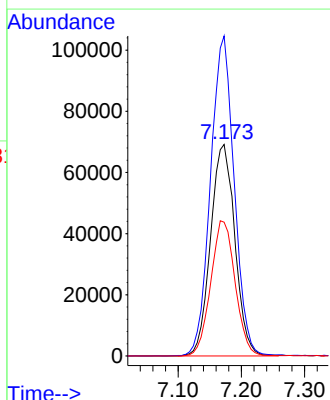
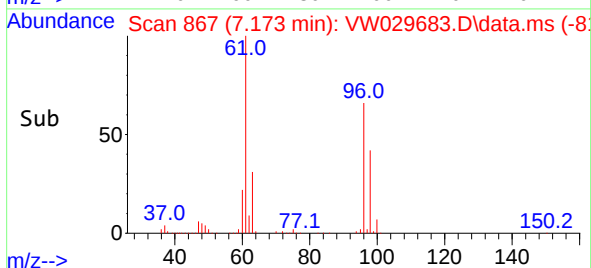
Reviewed By :Romaben Patel 07/23/2024
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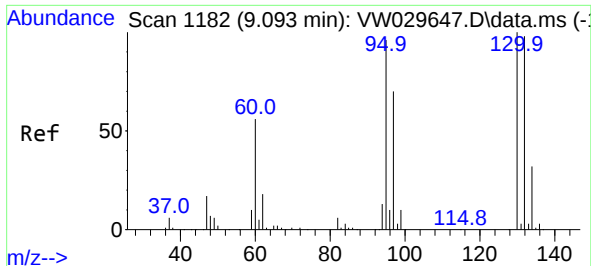


#20
cis-1,2-Dichloroethene
Concen: 32.630 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW029683.D
Acq: 22 Jul 2024 15:02



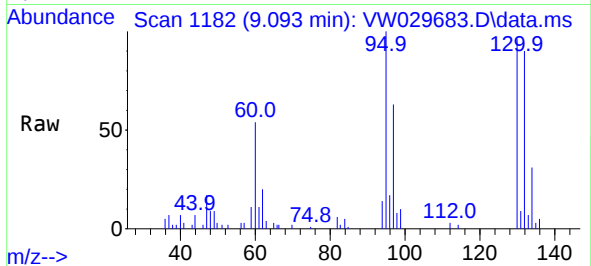
Tgt Ion: 96 Resp: 184905
Ion Ratio Lower Upper
96 100
61 151.2 97.4 180.8
98 63.2 41.6 77.2





#34
Trichloroethene
Concen: 1.191 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.000 min
Lab File: VW029683.D
Acq: 22 Jul 2024 15:02

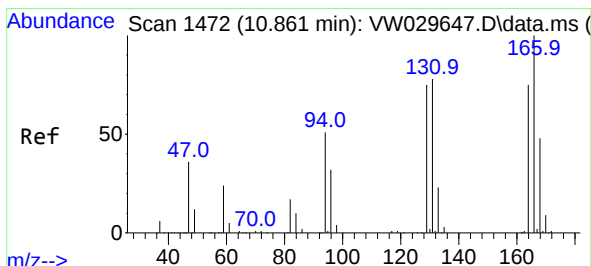
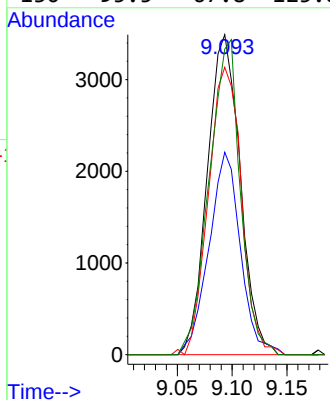
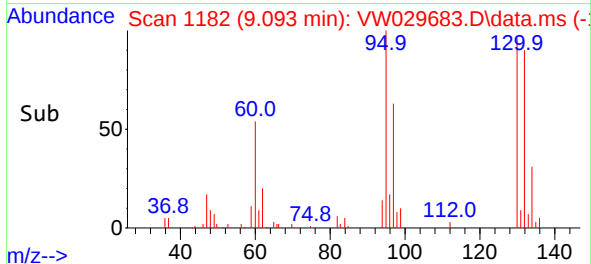
Instrument :
MSVOA_W
ClientSampleId :
BHB31



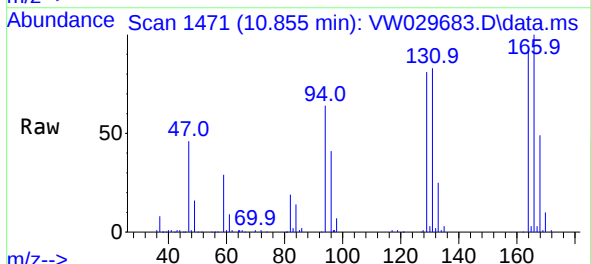
Tgt Ion: 95 Resp: 728
Ion Ratio Lower Upper
95 100
97 63.2 47.3 87.9
132 89.8 65.8 122.2
130 95.5 67.8 125.8

Manual IntegrationsAPPROVED

Reviewed By :Romaben Patel 07/23/2024
Supervised By :Mahesh Dadoda 07/24/2024



#46
Tetrachloroethene
Concen: 8.162 ug/L
RT: 10.855 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VW029683.D
Acq: 22 Jul 2024 15:02



Tgt Ion:164 Resp: 35449
Ion Ratio Lower Upper
164 100
129 88.4 60.0 111.4
131 89.6 64.6 120.0
166 108.6 80.4 149.2

