

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030223\
 Data File : VD075437.D
 Acq On : 02 Mar 2023 12:03
 Operator : KP/SY
 Sample : MDL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MDL01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 03/03/2023
 Supervised By :Mahesh Dadoda 03/03/2023

Quant Time: Mar 03 05:02:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM030123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 03 04:38:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	297127	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	260973	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	113905	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	137692	18.664	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	74.640%		
7) Chloroethane-d5	2.811	69	127611	19.988	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	79.960%		
11) 1,1-Dichloroethene-d2	3.928	63	100669	14.609	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	58.440%		
21) 2-Butanone-d5	6.993	46	26999m	39.491	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	78.980%		
24) Chloroform-d	7.569	84	162936	20.925	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	83.680%		
26) 1,2-Dichloroethane-d4	8.234	65	74040	21.948	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	87.800%		
32) Benzene-d6	8.204	84	337880	21.801	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	87.200%		
36) 1,2-Dichloropropane-d6	9.216	67	97660	22.294	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	89.160%		
41) Toluene-d8	10.269	98	296135	20.945	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	83.760%		
43) trans-1,3-Dichloroprop...	10.534	79	38860	21.709	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	86.840%		
47) 2-Hexanone-d5	10.881	63	23187	36.692	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	73.380%		
56) 1,1,2,2-Tetrachloroeth...	12.657	84	73548	20.072	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	80.280%		
66) 1,2-Dichlorobenzene-d4	13.822	152	90432	22.697	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	90.800%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	5497	1.203	ug/L	98
6) Bromomethane	2.699	94	7679	1.676	ug/L	84
49) Dibromochloromethane	11.075	129	4605	1.145	ug/L	92
50) 1,2-Dibromoethane	11.181	107	4261	1.281	ug/L #	93
55) Styrene	12.139	104	13828	0.957	ug/L	95
59) Bromoform	12.304	173	2496	1.214	ug/L #	63
62) 1,3,5-Trimethylbenzene	12.910	105	14319	0.996	ug/L	93
64) 1,3-Dichlorobenzene	13.463	146	9797	1.156	ug/L	85
70) 1,2,4-trichlorobenzene	15.104	180	5251	1.229	ug/L #	92
71) Naphthalene	15.339	128	8959	1.057	ug/L #	92
72) 1,2,3-Trichlorobenzene	15.522	180	4648	1.234	ug/L #	19

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

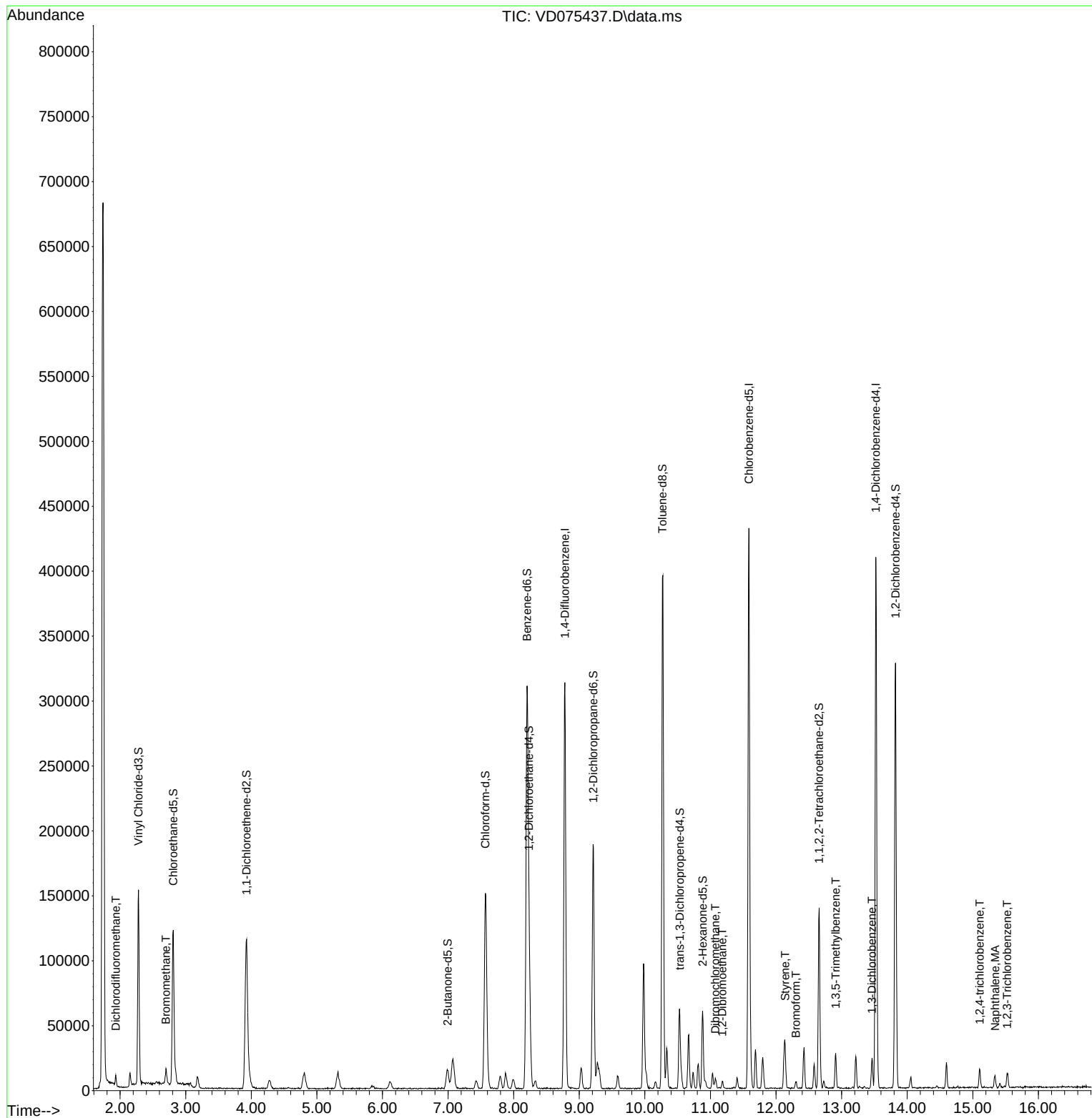
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030223\
Data File : VD075437.D
Acq On : 02 Mar 2023 12:03
Operator : KP/SY
Sample : MDL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

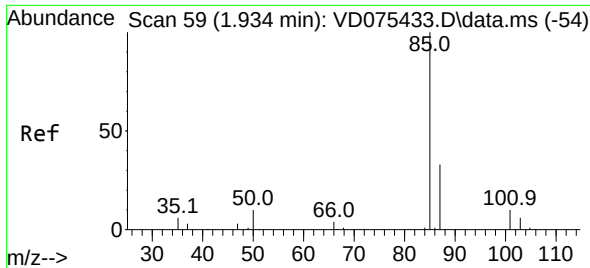
Instrument :
MSVOA_D
ClientSampleId :
MDL01

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 03/03/2023
Supervised By :Mahesh Dadoda 03/03/2023

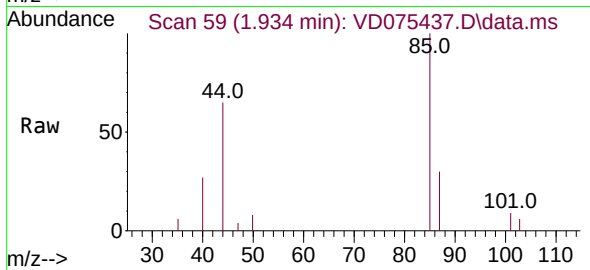
Quant Time: Mar 03 05:02:00 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM030123SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Mar 03 04:38:18 2023
Response via : Initial Calibration





#2
Dichlorodifluoromethane
Concen: 1.203 ug/L
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD075437.D
Acq: 02 Mar 2023 12:03

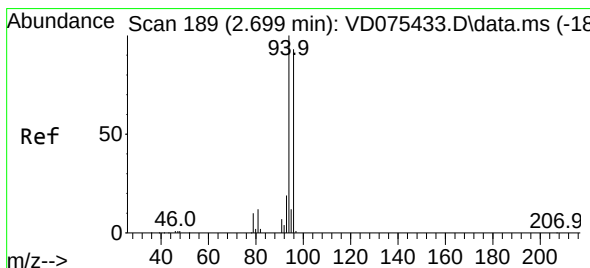
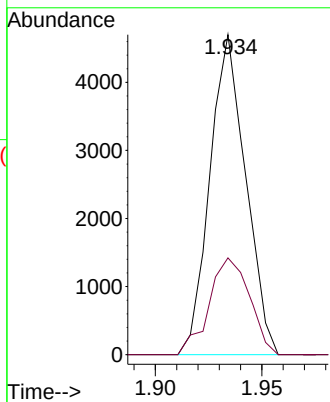
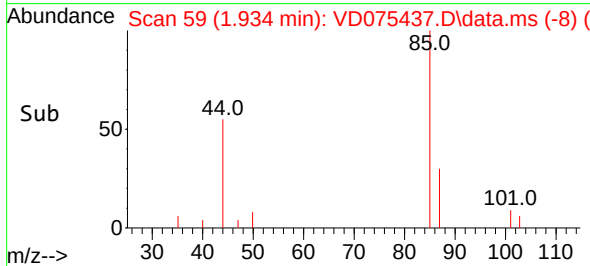
Instrument :
MSVOA_D
ClientSampleId :
MDL01



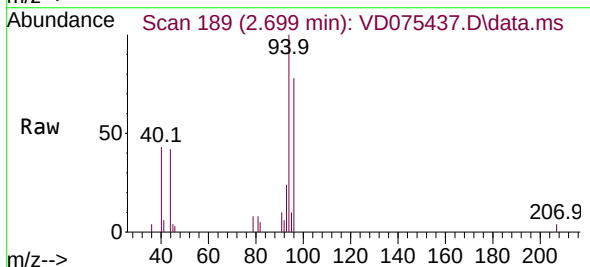
Tgt Ion: 85 Resp: 549
Ion Ratio Lower Upper
85 100
87 34.1 26.4 39.6

Manual Integrations
APPROVED

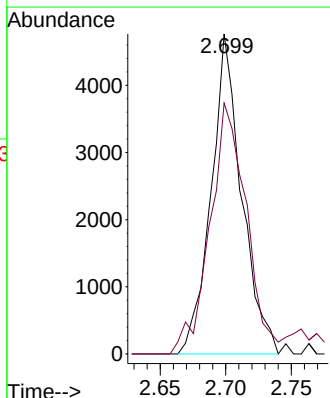
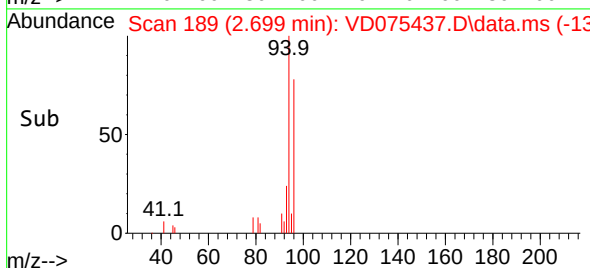
Reviewed By :Krupa Patel 03/03/2023
Supervised By :Mahesh Dadoda 03/03/2023

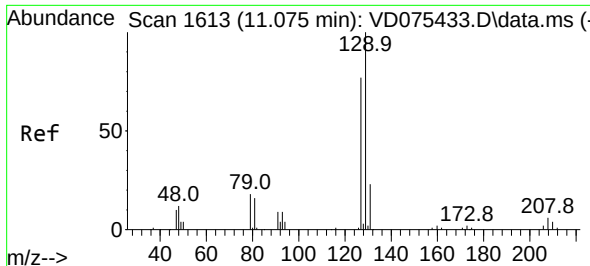


#6
Bromomethane
Concen: 1.676 ug/L
RT: 2.699 min Scan# 189
Delta R.T. -0.000 min
Lab File: VD075437.D
Acq: 02 Mar 2023 12:03



Tgt Ion: 94 Resp: 7679
Ion Ratio Lower Upper
94 100
96 78.4 65.9 122.5





#49

Dibromochloromethane

Concen: 1.145 ug/L

RT: 11.075 min Scan# 1613

Delta R.T. -0.000 min

Lab File: VD075437.D

Acq: 02 Mar 2023 12:03

Instrument :

MSVOA_D

ClientSampleId :

MDL01

Tgt Ion:129 Resp: 4609

Ion Ratio Lower Upper

129 100

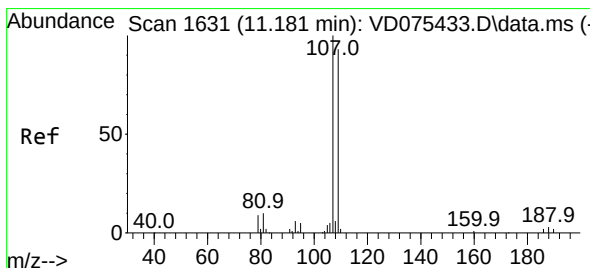
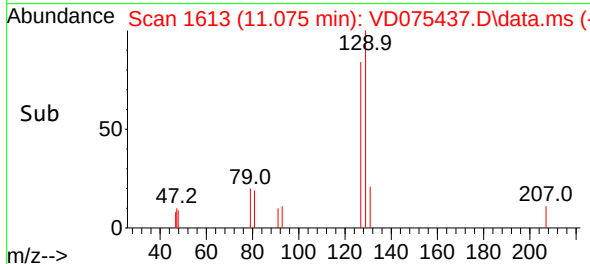
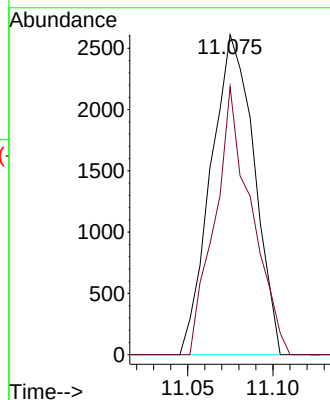
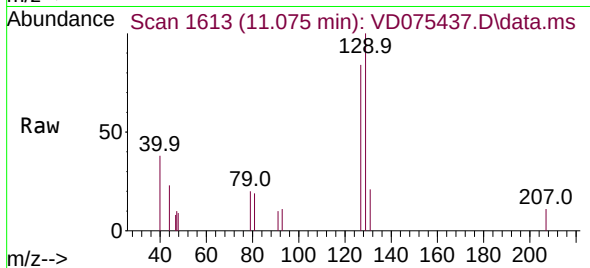
127 83.7 53.7 99.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/03/2023

Supervised By :Mahesh Dadoda 03/03/2023



#50

1,2-Dibromoethane

Concen: 1.281 ug/L

RT: 11.181 min Scan# 1631

Delta R.T. -0.000 min

Lab File: VD075437.D

Acq: 02 Mar 2023 12:03

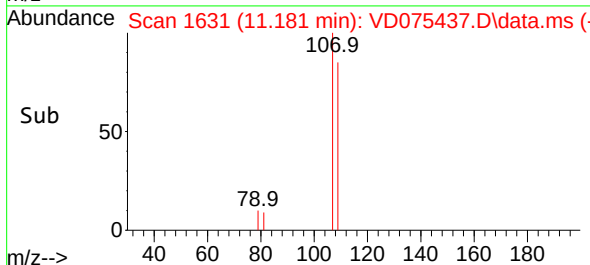
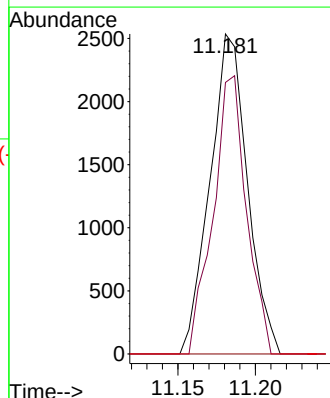
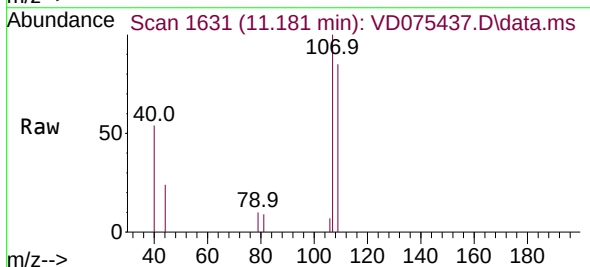
Tgt Ion:107 Resp: 4261

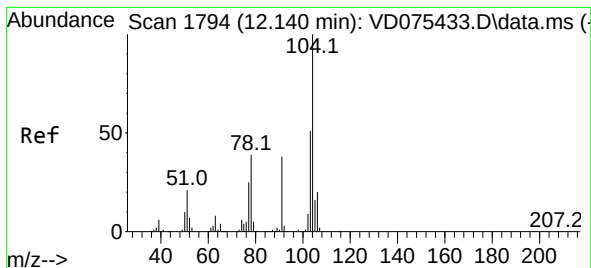
Ion Ratio Lower Upper

107 100

109 84.9 64.2 119.2

188 0.0 2.3 3.5#





#55

Styrene

Concen: 0.957 ug/L

RT: 12.139 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VD075437.D

Acq: 02 Mar 2023 12:03

Instrument :

MSVOA_D

ClientSampleId :

MDL01

Tgt Ion:104 Resp: 13828

Ion Ratio Lower Upper

104 100

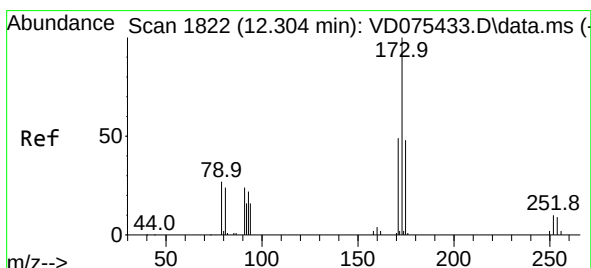
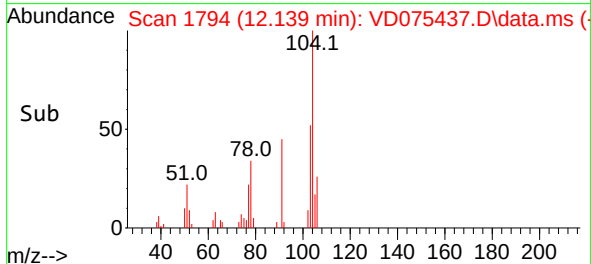
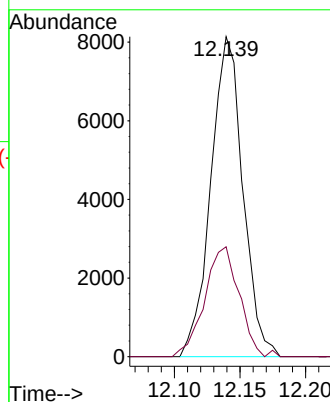
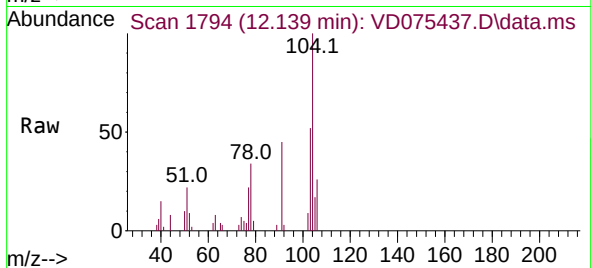
78 34.4 26.0 48.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/03/2023

Supervised By :Mahesh Dadoda 03/03/2023



#59

Bromoform

Concen: 1.214 ug/L

RT: 12.304 min Scan# 1822

Delta R.T. -0.000 min

Lab File: VD075437.D

Acq: 02 Mar 2023 12:03

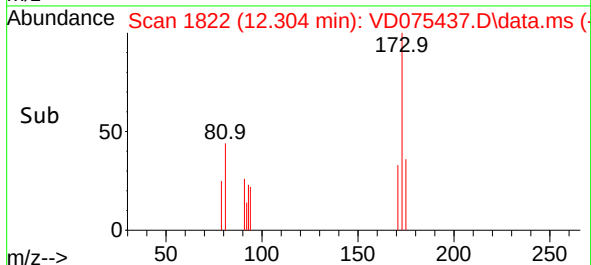
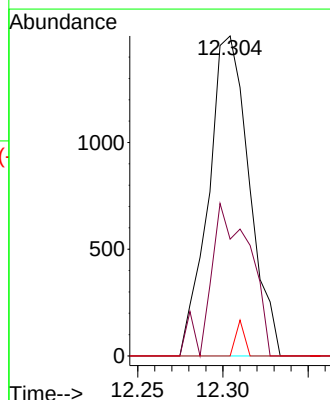
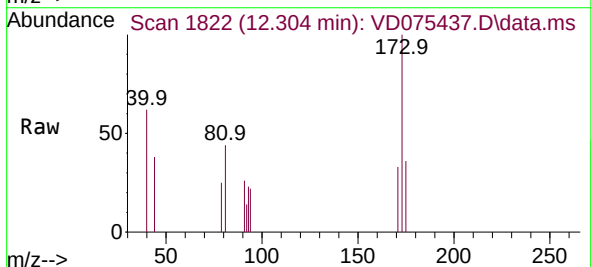
Tgt Ion:173 Resp: 2496

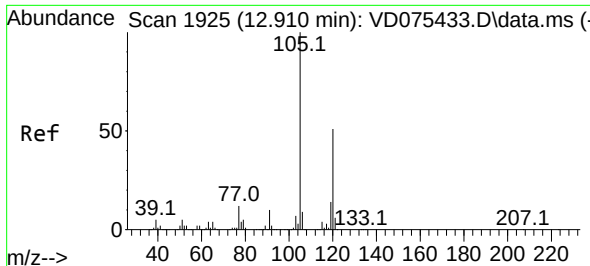
Ion Ratio Lower Upper

173 100

175 22.5 39.3 58.9#

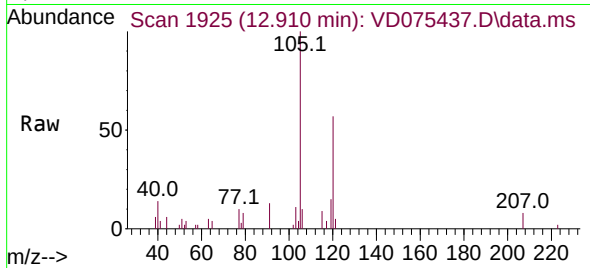
254 0.0 7.3 10.9#





#62
1,3,5-Trimethylbenzene
Concen: 0.996 ug/L
RT: 12.910 min Scan# 1925
Delta R.T. -0.000 min
Lab File: VD075437.D
Acq: 02 Mar 2023 12:03

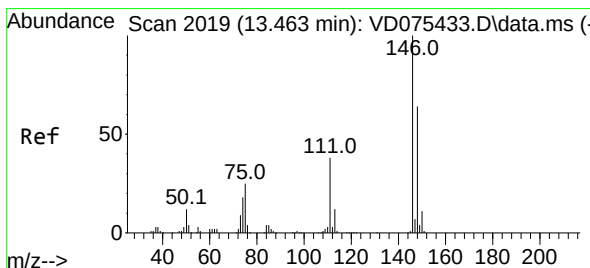
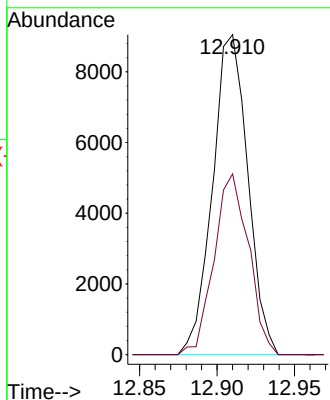
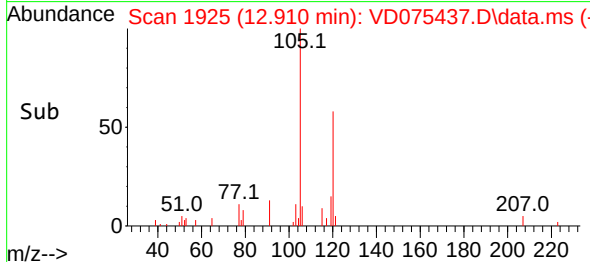
Instrument :
MSVOA_D
ClientSampleId :
MDL01



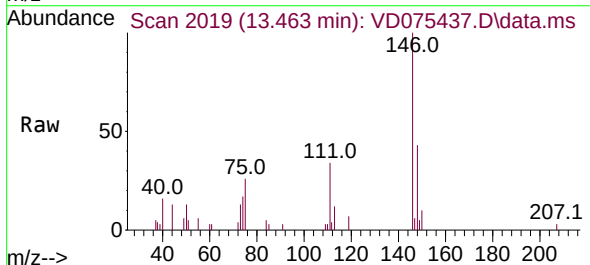
Tgt Ion:105 Resp: 14319
Ion Ratio Lower Upper
105 100
120 55.3 40.6 60.8

Manual Integrations
APPROVED

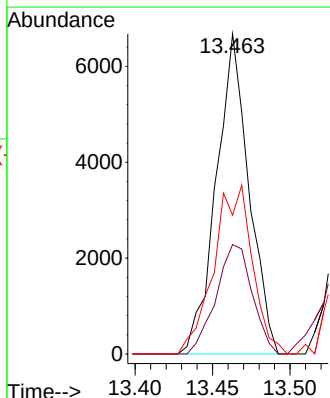
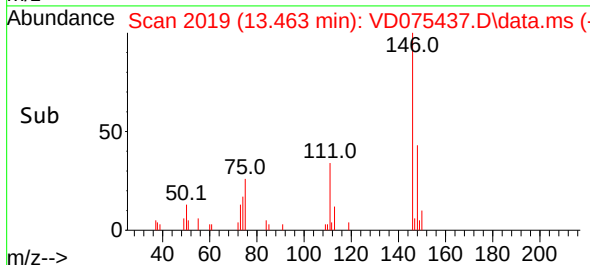
Reviewed By :Krupa Patel 03/03/2023
Supervised By :Mahesh Dadoda 03/03/2023

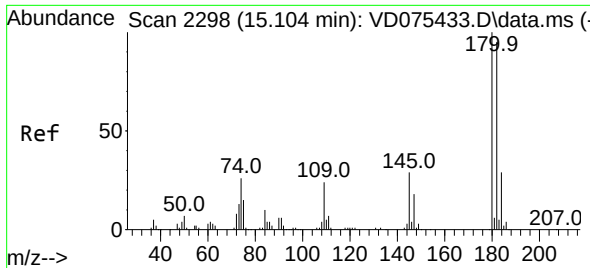


#64
1,3-Dichlorobenzene
Concen: 1.156 ug/L
RT: 13.463 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VD075437.D
Acq: 02 Mar 2023 12:03



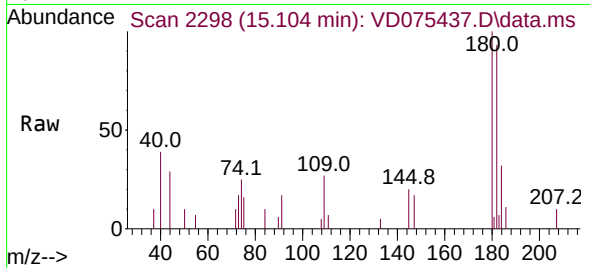
Tgt Ion:146 Resp: 9797
Ion Ratio Lower Upper
146 100
111 38.6 26.0 48.2
148 43.4 42.4 78.6





#70
1,2,4-trichlorobenzene
Concen: 1.229 ug/L
RT: 15.104 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VD075437.D
Acq: 02 Mar 2023 12:03

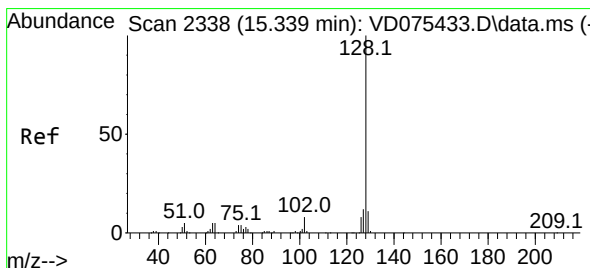
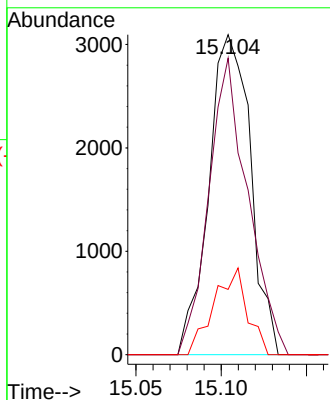
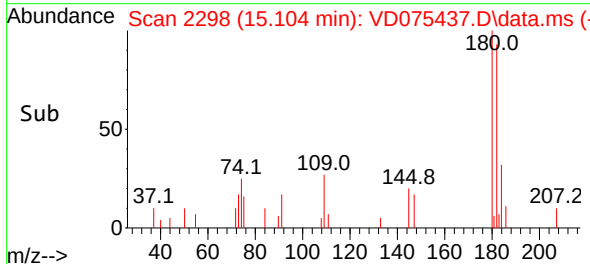
Instrument :
MSVOA_D
ClientSampleId :
MDL01



Tgt Ion:180 Resp: 525
Ion Ratio Lower Upper
180 100
182 87.3 74.3 111.5
145 21.8 23.0 34.6

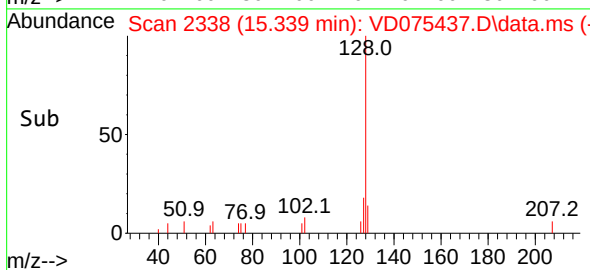
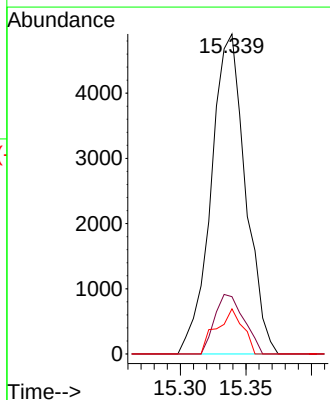
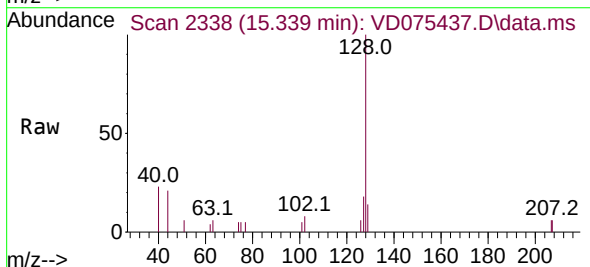
Manual Integrations
APPROVED

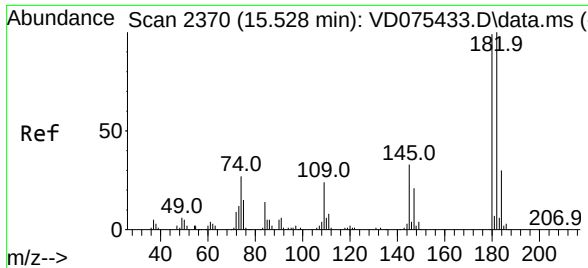
Reviewed By :Krupa Patel 03/03/2023
Supervised By :Mahesh Dadoda 03/03/2023



#71
Naphthalene
Concen: 1.057 ug/L
RT: 15.339 min Scan# 2338
Delta R.T. -0.000 min
Lab File: VD075437.D
Acq: 02 Mar 2023 12:03

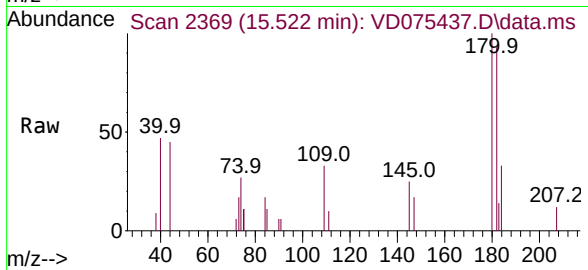
Tgt Ion:128 Resp: 8959
Ion Ratio Lower Upper
128 100
127 15.8 10.1 15.1#
129 7.7 8.8 13.2#





#72
 1,2,3-Trichlorobenzene
 Concen: 1.234 ug/L
 RT: 15.522 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD075437.D
 Acq: 02 Mar 2023 12:03

Instrument :
 MSVOA_D
 ClientSampleId :
 MDL01



Tgt Ion:180 Resp: 4648
 Ion Ratio Lower Upper
 180 100
 182 0.0 75.3 112.9
 145 13.9 25.1 37.7

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 03/03/2023
 Supervised By :Mahesh Dadoda 03/03/2023

