

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030223\
 Data File : VD075438.D
 Acq On : 02 Mar 2023 12:32
 Operator : KP/SY
 Sample : MDL02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MDL02

Manual Integrations
 APPROVED

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

Quant Time: Mar 03 05:02:35 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	290324	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	260746	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	114324	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	140437	19.482	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	77.920%		
7) Chloroethane-d5	2.811	69	129736	20.797	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	83.200%		
11) 1,1-Dichloroethene-d2	3.922	63	102550	15.230	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	60.920%		
21) 2-Butanone-d5	6.993	46	30291	45.345	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	90.680%		
24) Chloroform-d	7.569	84	166132	21.835	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	87.360%		
26) 1,2-Dichloroethane-d4	8.228	65	73175	22.200	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	88.800%		
32) Benzene-d6	8.204	84	339446	21.921	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	87.680%		
36) 1,2-Dichloropropane-d6	9.210	67	100437	22.948	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	91.800%		
41) Toluene-d8	10.275	98	303282	21.469	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	85.880%		
43) trans-1,3-Dichloroprop...	10.528	79	39690	22.192	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	88.760%		
47) 2-Hexanone-d5	10.881	63	26568	42.079	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	84.160%		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	80810	22.073	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	88.280%		
66) 1,2-Dichlorobenzene-d4	13.822	152	93885	23.477	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	93.920%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	5560	1.245	ug/L	94
6) Bromomethane	2.705	94	7545	1.685	ug/L	98
45) 1,1,2-Trichloroethane	10.740	97	4496	1.222	ug/L	96
49) Dibromochloromethane	11.075	129	4715	1.174	ug/L	95
59) Bromoform	12.304	173	2597	1.259	ug/L #	90
63) 1,2,4-Trimethylbenzene	13.216	105	14209	1.007	ug/L	98
64) 1,3-Dichlorobenzene	13.463	146	9556	1.124	ug/L #	91
70) 1,2,4-trichlorobenzene	15.104	180	4731	1.103	ug/L	90
71) Naphthalene	15.333	128	9378	1.103	ug/L	96
72) 1,2,3-Trichlorobenzene	15.528	180	4491	1.188	ug/L	99

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

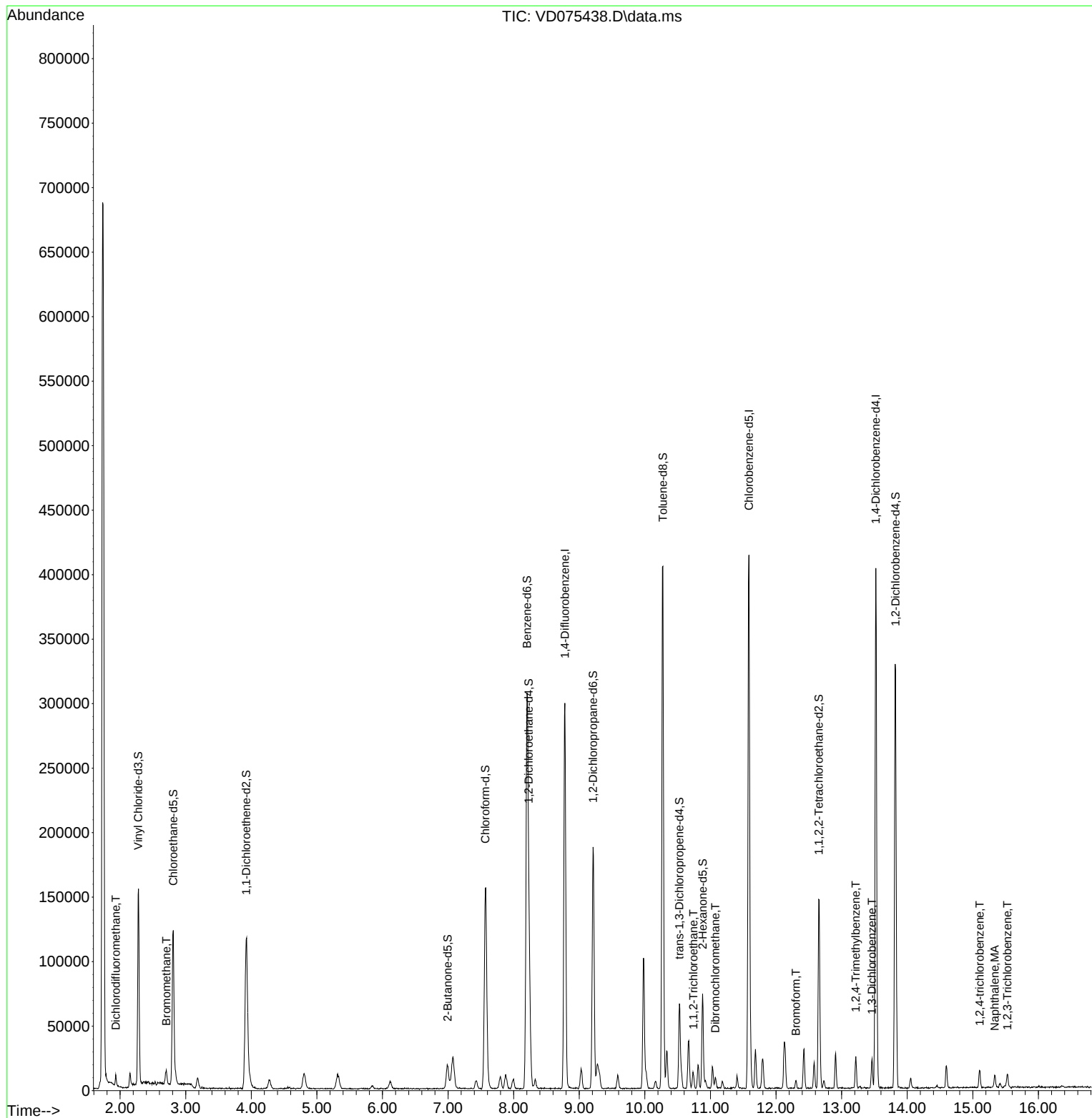
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030223\
Data File : VD075438.D
Acq On : 02 Mar 2023 12:32
Operator : KP/SY
Sample : MDL02
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

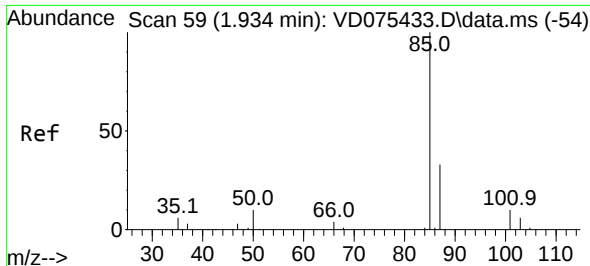
Instrument :
MSVOA_D
ClientSampleId :
MDL02

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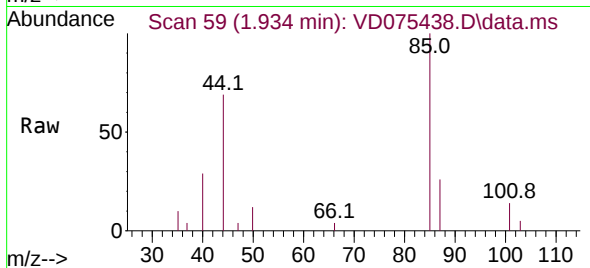
Quant Time: Mar 03 05:02:35 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM030123SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Mar 03 04:38:18 2023
Response via : Initial Calibration





#2
Dichlorodifluoromethane
Concen: 1.245 ug/L
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD075438.D
Acq: 02 Mar 2023 12:32

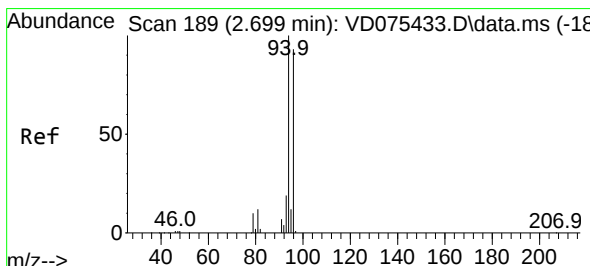
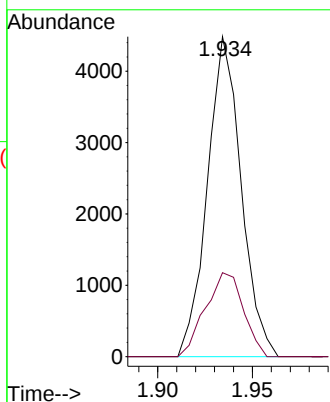
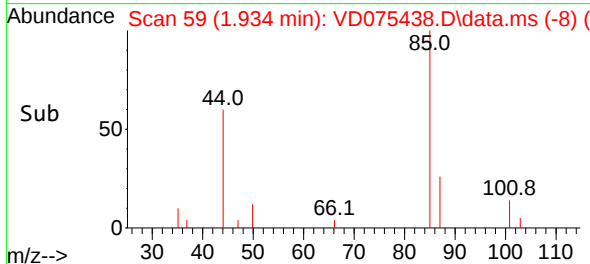
Instrument :
MSVOA_D
ClientSampleId :
MDL02



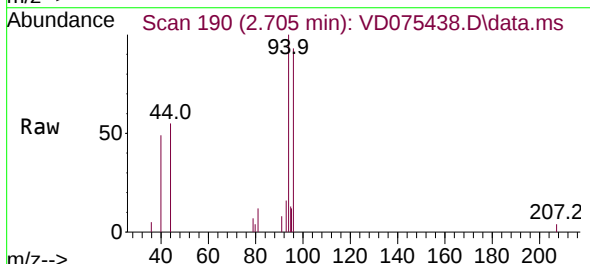
Tgt Ion: 85 Resp: 5560
Ion Ratio Lower Upper
85 100
87 29.4 26.4 39.6

Manual Integrations
APPROVED

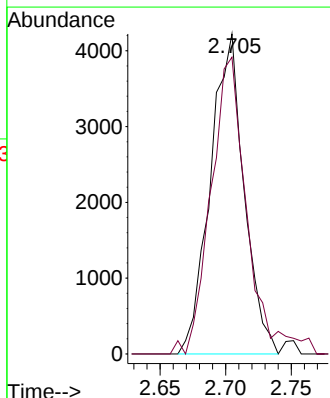
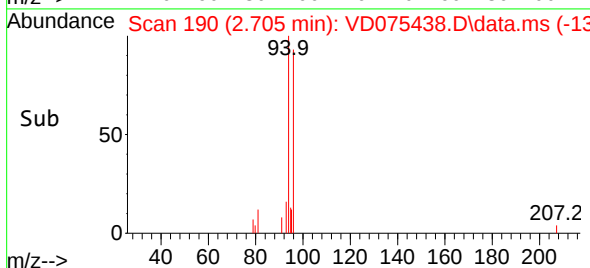
Reviewed By :Krupa Patel 03/03/2023
Supervised By :Mahesh Dadoda 03/03/2023

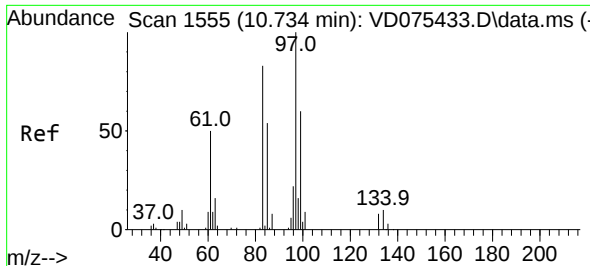


#6
Bromomethane
Concen: 1.685 ug/L
RT: 2.705 min Scan# 190
Delta R.T. 0.006 min
Lab File: VD075438.D
Acq: 02 Mar 2023 12:32



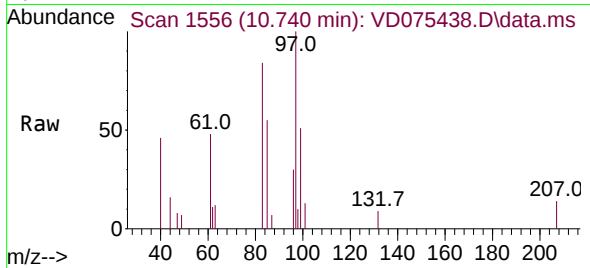
Tgt Ion: 94 Resp: 7545
Ion Ratio Lower Upper
94 100
96 92.7 65.9 122.5





#45
1,1,2-Trichloroethane
Concen: 1.222 ug/L
RT: 10.740 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VD075438.D
Acq: 02 Mar 2023 12:32

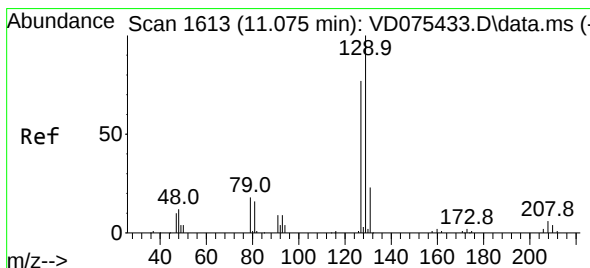
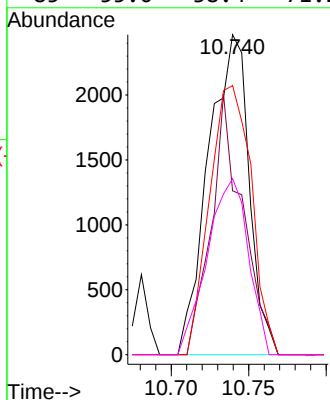
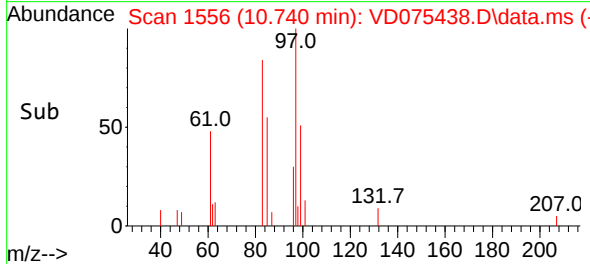
Instrument :
MSVOA_D
ClientSampleId :
MDL02



Tgt Ion: 97 Resp: 4490
Ion Ratio Lower Upper
97 100
99 51.2 40.9 76.0
83 84.1 57.7 107.1
85 55.0 38.4 71.2

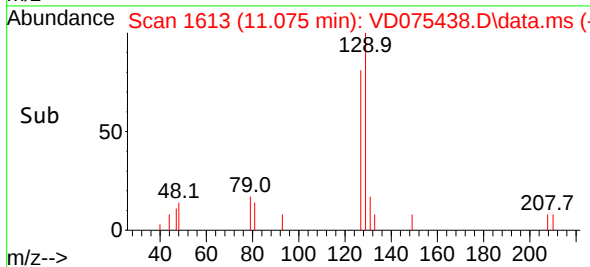
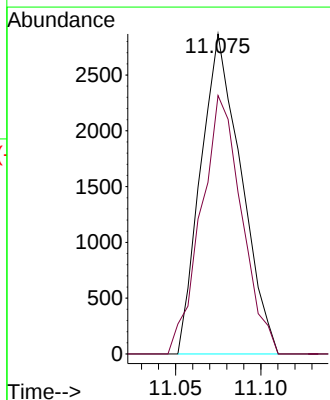
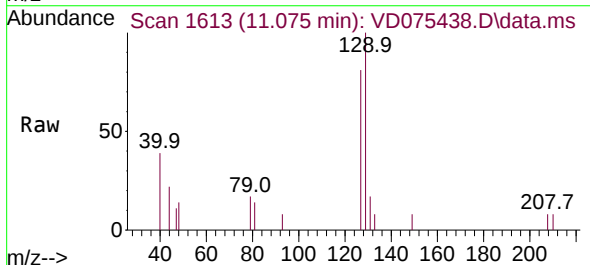
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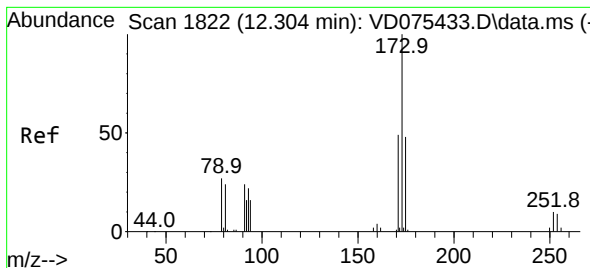
Reviewed By :Krupa Patel 03/03/2023
Supervised By :Mahesh Dadoda 03/03/2023



#49
Dibromochloromethane
Concen: 1.174 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075438.D
Acq: 02 Mar 2023 12:32

Tgt Ion:129 Resp: 4715
Ion Ratio Lower Upper
129 100
127 80.8 53.7 99.7





#59

Bromoform

Concen: 1.259 ug/L

RT: 12.304 min Scan# 1822

Delta R.T. -0.000 min

Lab File: VD075438.D

Acq: 02 Mar 2023 12:32

Instrument :

MSVOA_D

ClientSampleId :

MDL02

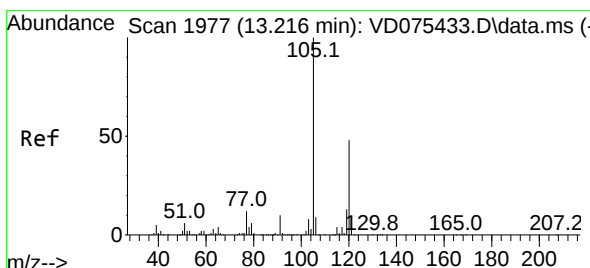
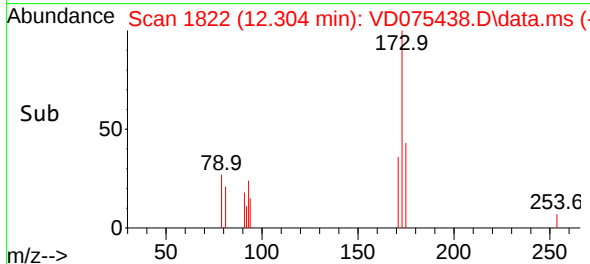
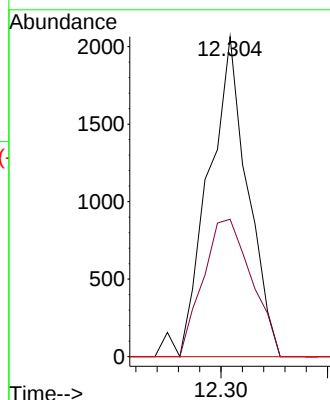
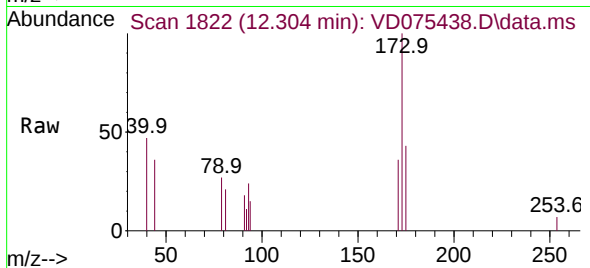
Tgt Ion:	173	Resp:	259
Ion	Ratio	Lower	Upper
173	100		
175	53.9	39.3	58.9
254	0.0	7.3	10.9

Manual Integrations

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Supervised By :Mahesh Dadoda 03/03/2023



#63

1,2,4-Trimethylbenzene

Concen: 1.007 ug/L

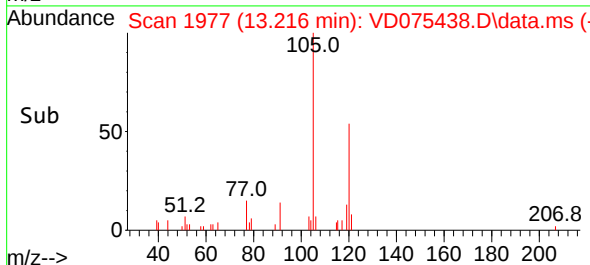
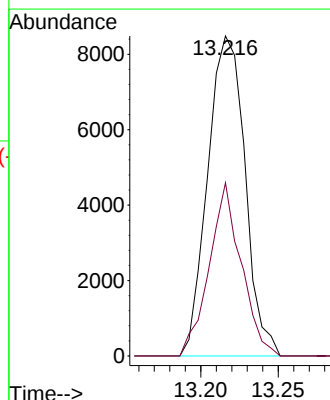
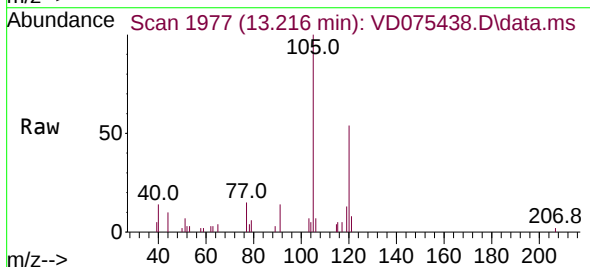
RT: 13.216 min Scan# 1977

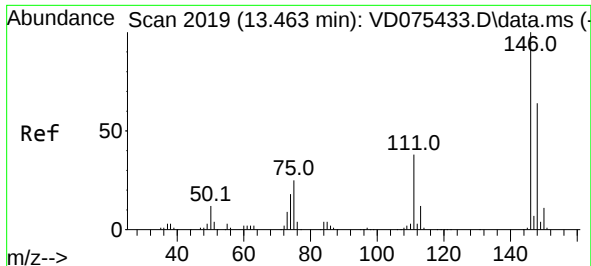
Delta R.T. -0.000 min

Lab File: VD075438.D

Acq: 02 Mar 2023 12:32

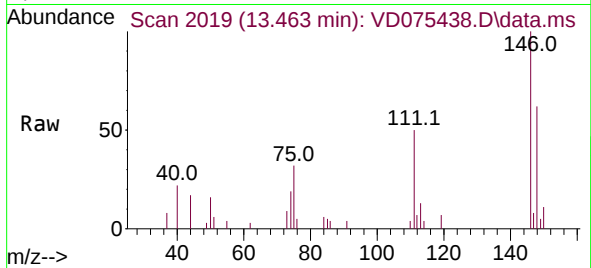
Tgt Ion:	105	Resp:	14209
Ion	Ratio	Lower	Upper
105	100		
120	46.3	38.2	57.2





#64
1,3-Dichlorobenzene
Concen: 1.124 ug/L
RT: 13.463 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VD075438.D
Acq: 02 Mar 2023 12:32

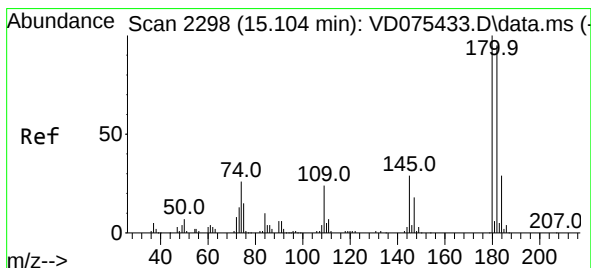
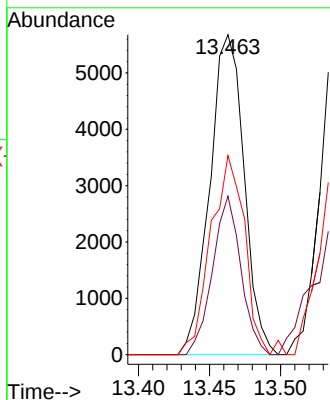
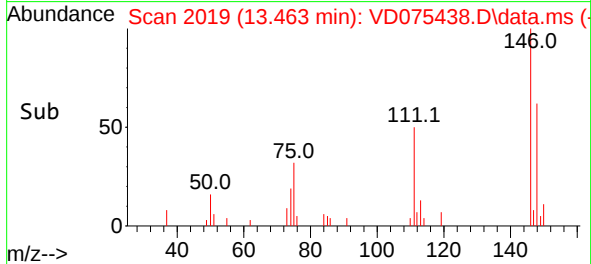
Instrument :
MSVOA_D
ClientSampleId :
MDL02



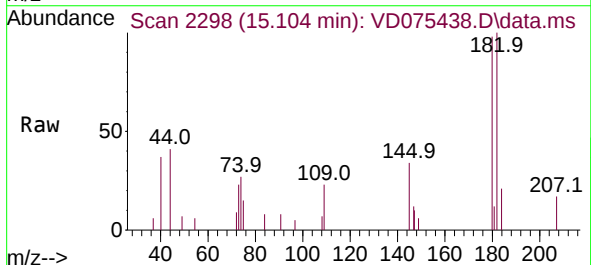
Tgt Ion:146 Resp: 9550
Ion Ratio Lower Upper
146 100
111 49.6 26.0 48.2
148 62.2 42.4 78.6

Manual Integrations
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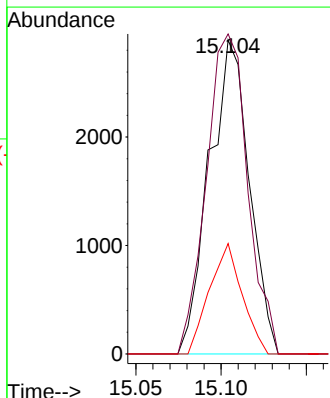
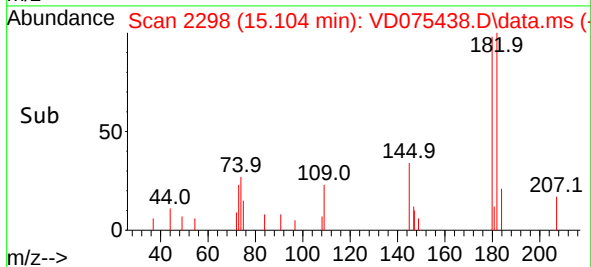
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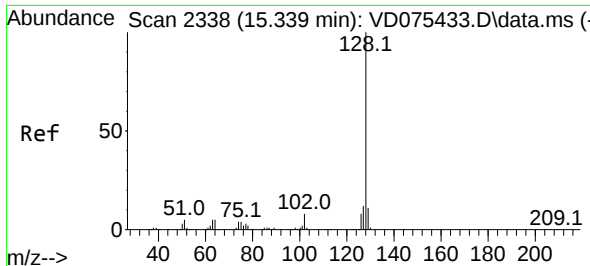


#70
1,2,4-trichlorobenzene
Concen: 1.103 ug/L
RT: 15.104 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VD075438.D
Acq: 02 Mar 2023 12:32



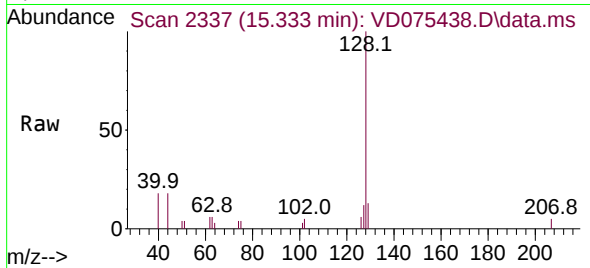
Tgt Ion:180 Resp: 4731
Ion Ratio Lower Upper
180 100
182 105.2 74.3 111.5
145 28.7 23.0 34.6





#71
Naphthalene
Concen: 1.103 ug/L
RT: 15.333 min Scan# 2337
Delta R.T. -0.006 min
Lab File: VD075438.D
Acq: 02 Mar 2023 12:32

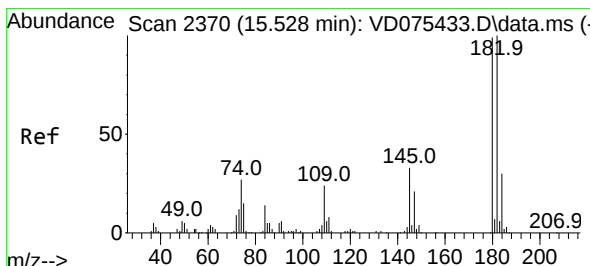
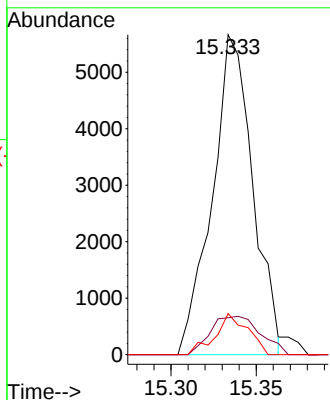
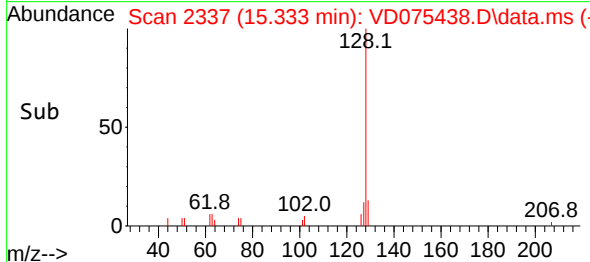
Instrument :
MSVOA_D
ClientSampleId :
MDL02



Tgt Ion:128 Resp: 9378
Ion Ratio Lower Upper
128 100
127 14.8 10.1 15.1
129 10.3 8.8 13.2

Manual Integrations
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Supervised By :Mahesh Dadoda 03/03/2023



#72
1,2,3-Trichlorobenzene
Concen: 1.188 ug/L
RT: 15.528 min Scan# 2370
Delta R.T. -0.000 min
Lab File: VD075438.D
Acq: 02 Mar 2023 12:32

Tgt Ion:180 Resp: 4491
Ion Ratio Lower Upper
180 100
182 94.7 75.3 112.9
145 32.2 25.1 37.7

