

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090922\
 Data File : VN074400.D
 Acq On : 10 Sep 2022 02:15
 Operator : JC\MD
 Sample : N4502-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SLUDGE-DRUM-1-4-COMP

Quant Time: Sep 10 07:31:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 06:10:29 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/12/2022
 Supervised By : Mahesh Dadoda 09/12/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	321013	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	576549	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	576481	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	259938	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	230270	41.460	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	82.920%		
35) Dibromofluoromethane	7.951	113	190210	48.869	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.740%		
50) Toluene-d8	10.381	98	662086	43.656	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	87.320%		
62) 4-Bromofluorobenzene	12.674	95	267414	48.565	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.140%		
Target Compounds					Qvalue	
16) Acetone	4.216	43	63715	21.249	ug/l	90
18) Methyl Acetate	4.775	43	9482m	1.073	ug/l	
20) Methylene Chloride	5.010	84	14658	1.884	ug/l #	95
37) Ethyl Acetate	7.340	43	51921	5.582	ug/l	97
43) Isopropyl Acetate	8.492	43	236927	15.575	ug/l #	90

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

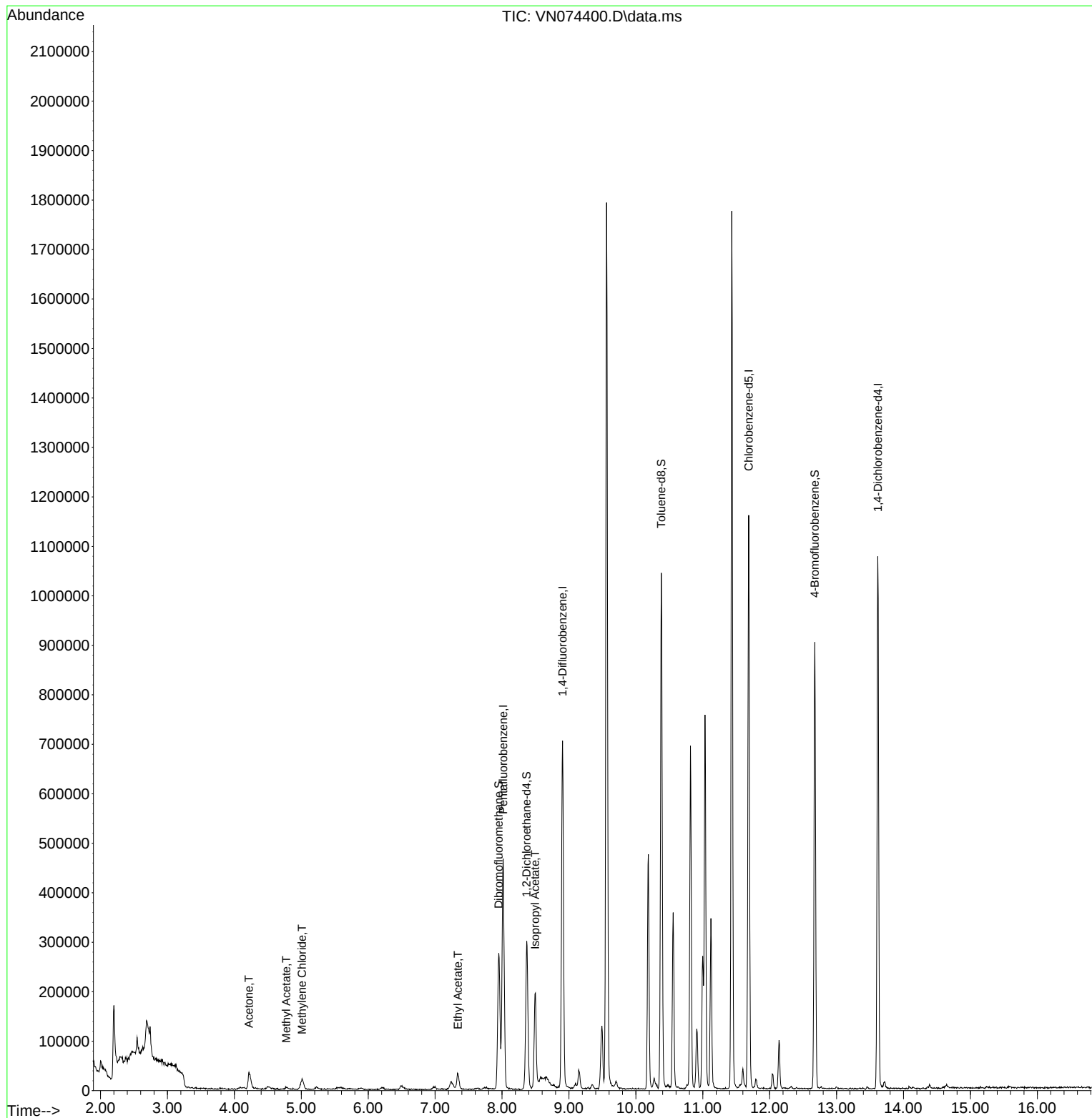
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090922\
Data File : VN074400.D
Acq On : 10 Sep 2022 02:15
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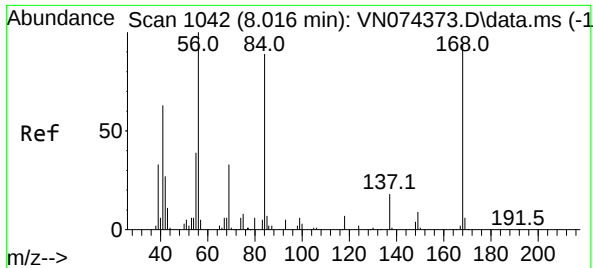
Instrument :
MSVOA_N
ClientSampleId :
SLUDGE-DRUM-1-4-COMP

Quant Time: Sep 10 07:31:40 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090922W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 10 06:10:29 2022
Response via : Initial Calibration

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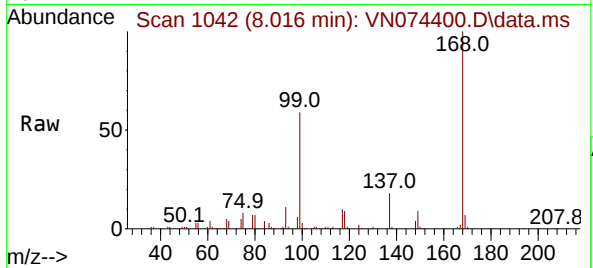
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074400.D
Acq: 10 Sep 2022 02:15

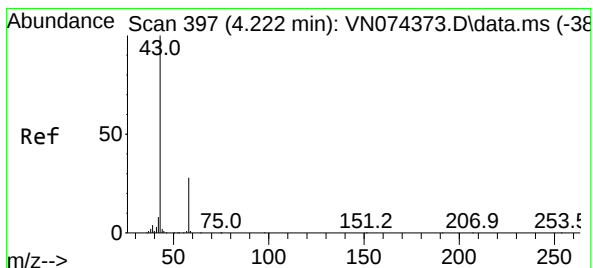
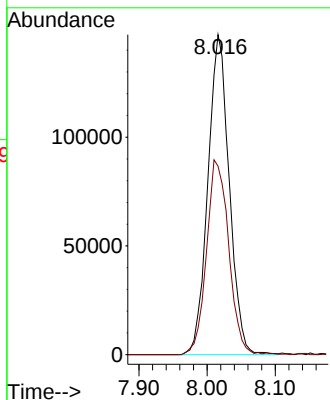
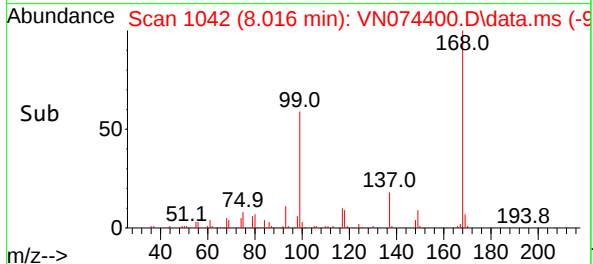
Instrument :
MSVOA_N
ClientSampleId :
SLUDGE-DRUM-1-4-COMP



Tgt Ion:168 Resp: 32101
Ion Ratio Lower Upper
168 100
99 58.9 52.8 79.2

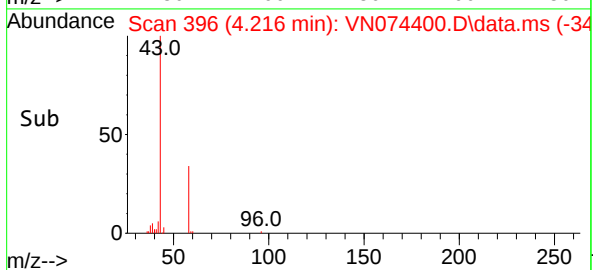
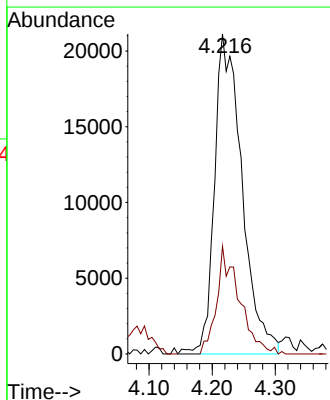
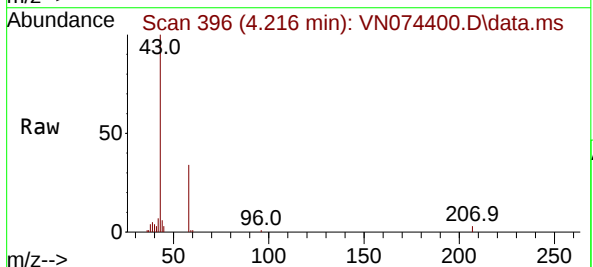
Manual Integrations
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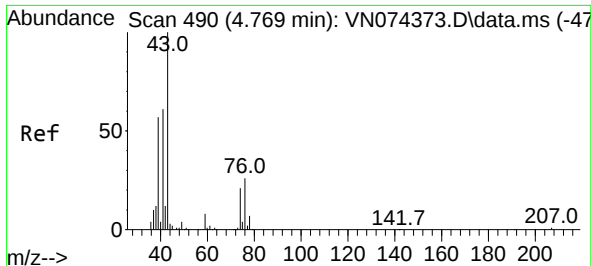
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#16
Acetone
Concen: 21.249 ug/l
RT: 4.216 min Scan# 396
Delta R.T. -0.006 min
Lab File: VN074400.D
Acq: 10 Sep 2022 02:15

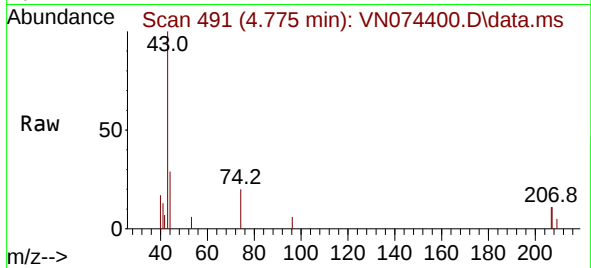
Tgt Ion: 43 Resp: 63715
Ion Ratio Lower Upper
43 100
58 33.7 22.7 34.1





#18
Methyl Acetate
Concen: 1.073 ug/l m
RT: 4.775 min Scan# 491
Delta R.T. 0.006 min
Lab File: VN074400.D
Acq: 10 Sep 2022 02:15

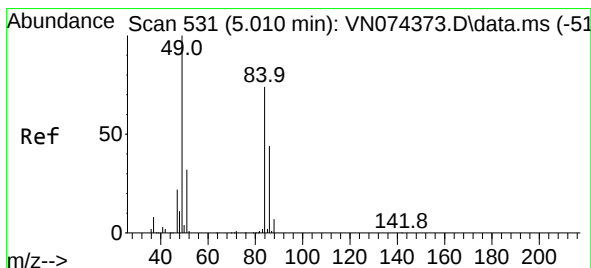
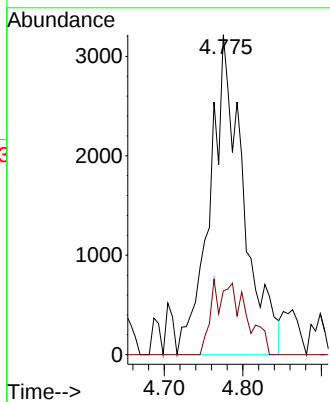
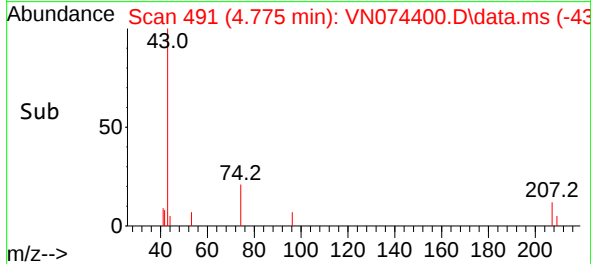
Instrument :
MSVOA_N
ClientSampleId :
SLUDGE-DRUM-1-4-COMP



Tgt Ion: 43 Resp: 948
Ion Ratio Lower Upper
43 100
74 6.2 16.7 25.1

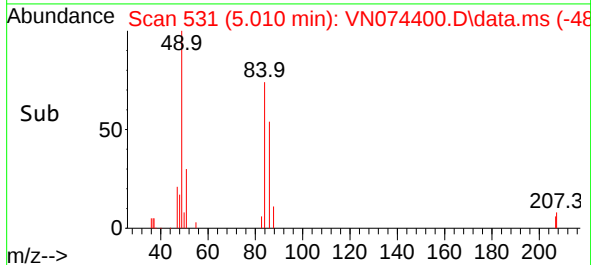
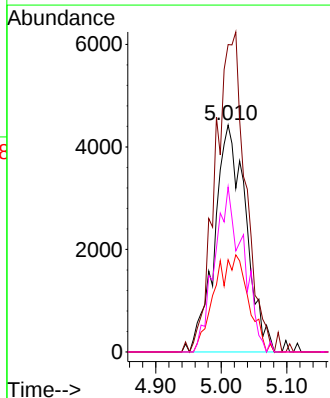
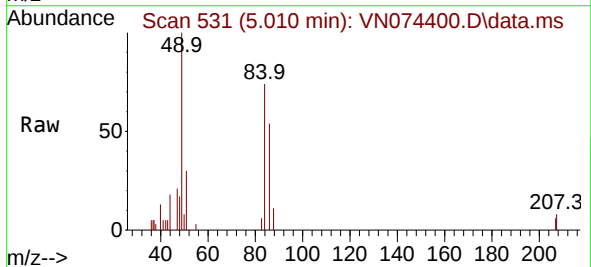
Manual Integrations
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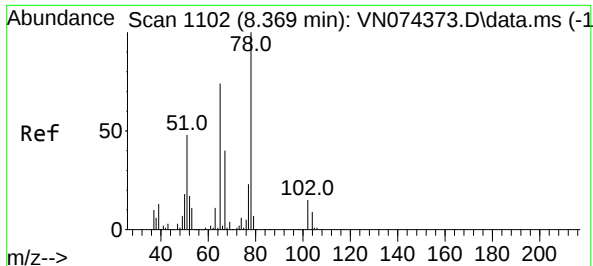
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#20
Methylene Chloride
Concen: 1.884 ug/l
RT: 5.010 min Scan# 531
Delta R.T. 0.000 min
Lab File: VN074400.D
Acq: 10 Sep 2022 02:15

Tgt Ion: 84 Resp: 14658
Ion Ratio Lower Upper
84 100
49 135.4 108.2 162.4
51 40.6 34.3 51.5
86 72.7 48.2 72.2





#33

1,2-Dichloroethane-d4

Concen: 41.460 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN074400.D

Acq: 10 Sep 2022 02:15

Instrument :

MSVOA_N

ClientSampleId :

SLUDGE-DRUM-1-4-COMP

Tgt Ion: 65 Resp: 230270

Ion Ratio Lower Upper

65 100

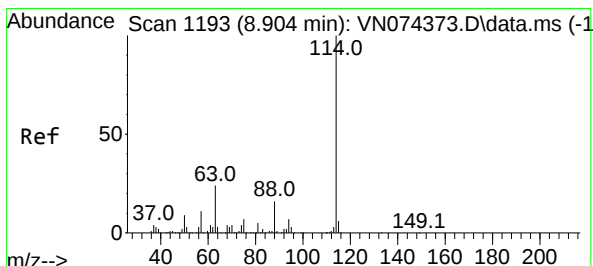
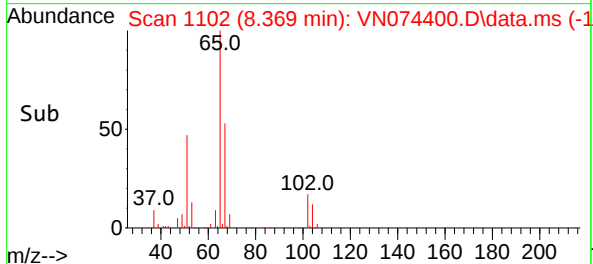
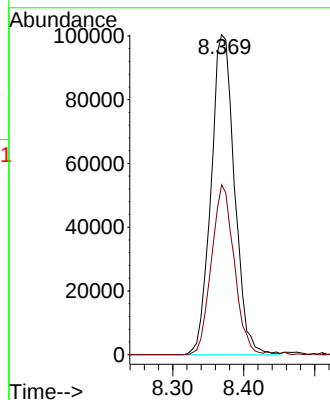
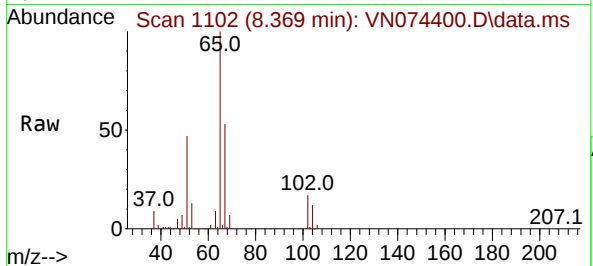
67 51.3 0.0 102.4

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074400.D

Acq: 10 Sep 2022 02:15

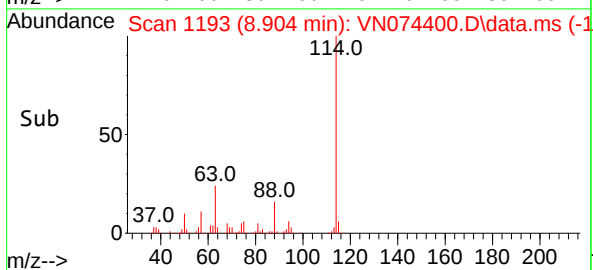
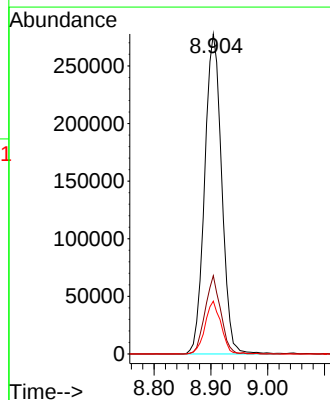
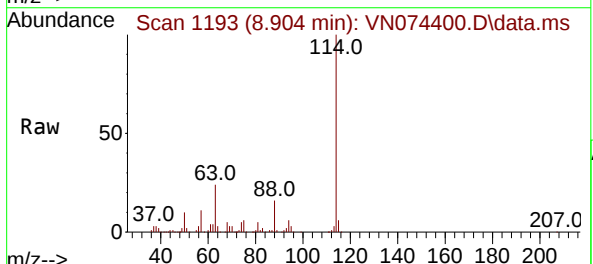
Tgt Ion:114 Resp: 576549

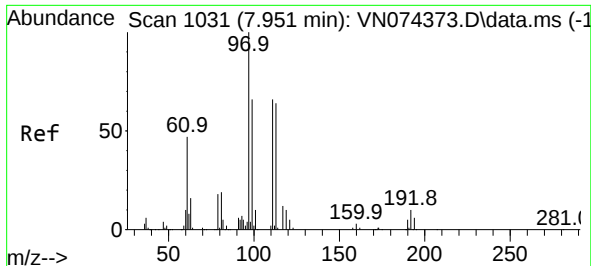
Ion Ratio Lower Upper

114 100

63 24.5 0.0 47.6

88 16.5 0.0 31.4





#35

Dibromofluoromethane

Concen: 48.869 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074400.D

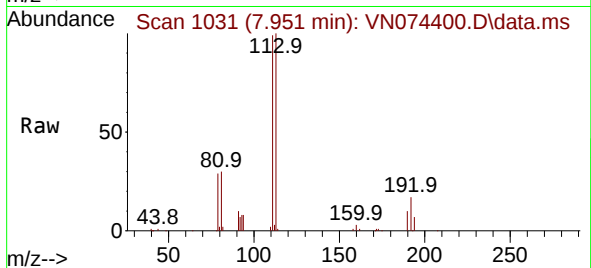
Acq: 10 Sep 2022 02:15

Instrument :

MSVOA_N

ClientSampleId :

SLUDGE-DRUM-1-4-COMP



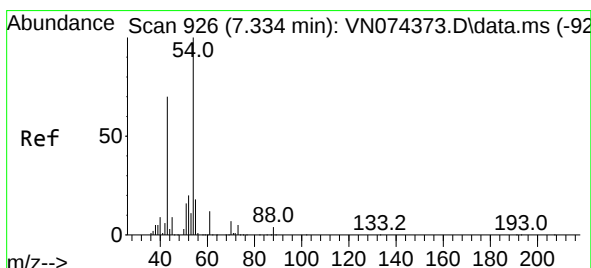
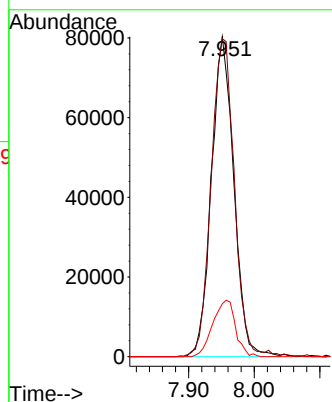
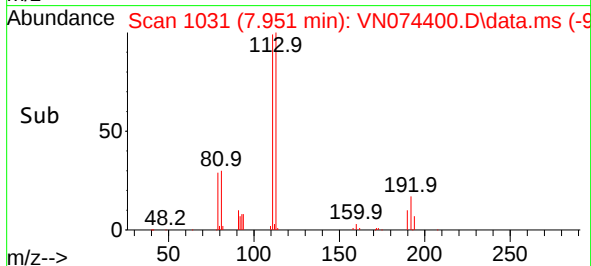
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	83.0	124.4
192	17.9	13.7	20.5

Manual Integrations

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Supervised By :Mahesh Dadoda 09/12/2022



#37

Ethyl Acetate

Concen: 5.582 ug/l

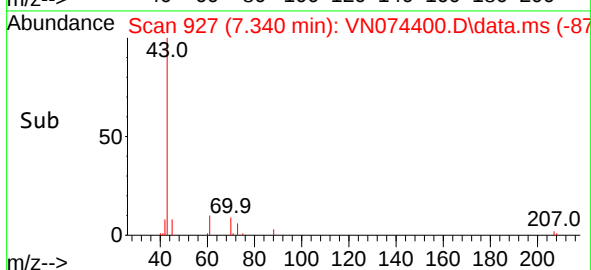
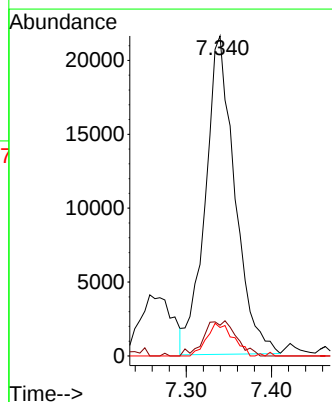
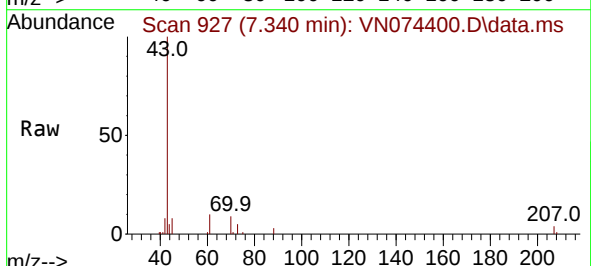
RT: 7.340 min Scan# 927

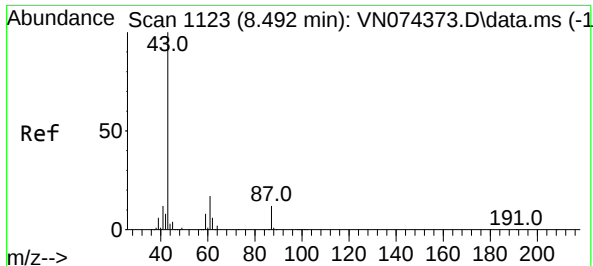
Delta R.T. 0.006 min

Lab File: VN074400.D

Acq: 10 Sep 2022 02:15

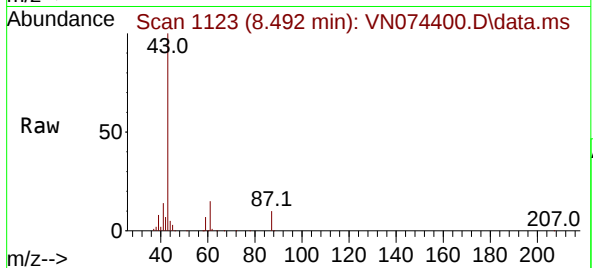
Tgt Ion	Ratio	Lower	Upper
43	100		
61	12.1	11.1	16.7
70	9.1	7.2	10.8





#43
Isopropyl Acetate
Concen: 15.575 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN074400.D
Acq: 10 Sep 2022 02:15

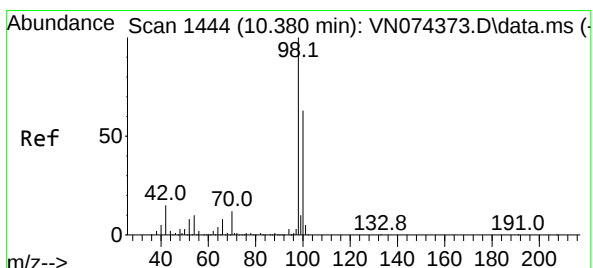
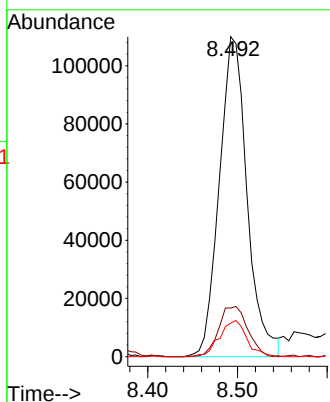
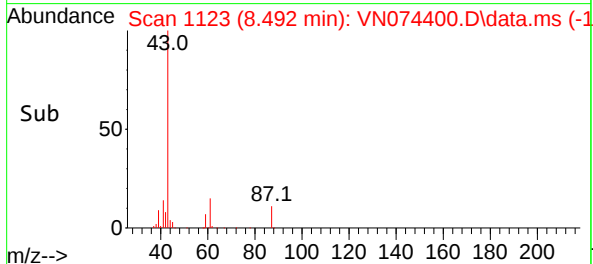
Instrument :
MSVOA_N
ClientSampleId :
SLUDGE-DRUM-1-4-COMP



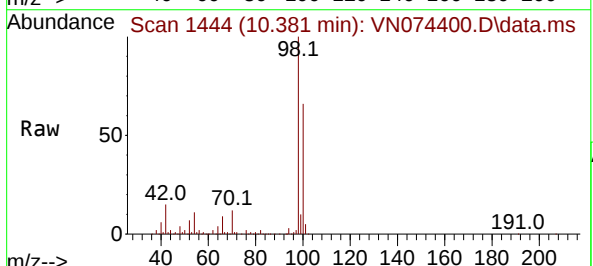
Tgt Ion: 43 Resp: 236927
Ion Ratio Lower Upper
43 100
61 16.4 18.6 27.8
87 11.0 9.4 14.2

Manual Integrations
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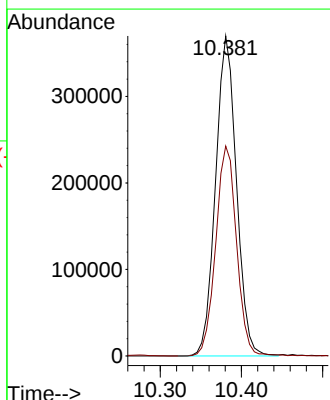
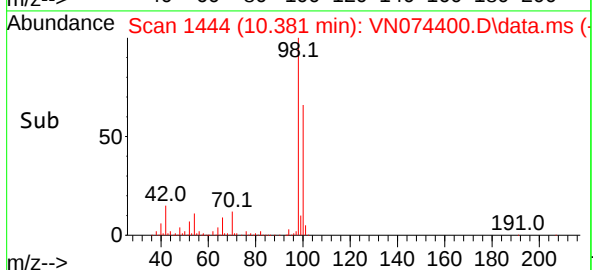
Reviewed By :John Carlone 09/12/2022
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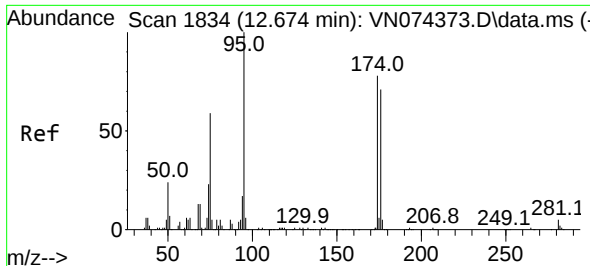


#50
Toluene-d8
Concen: 43.656 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074400.D
Acq: 10 Sep 2022 02:15



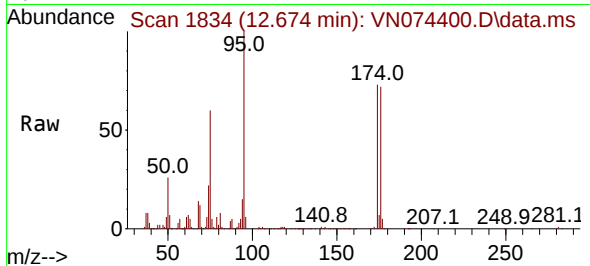
Tgt Ion: 98 Resp: 662086
Ion Ratio Lower Upper
98 100
100 65.5 50.6 76.0





#62
4-Bromofluorobenzene
Concen: 48.565 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074400.D
Acq: 10 Sep 2022 02:15

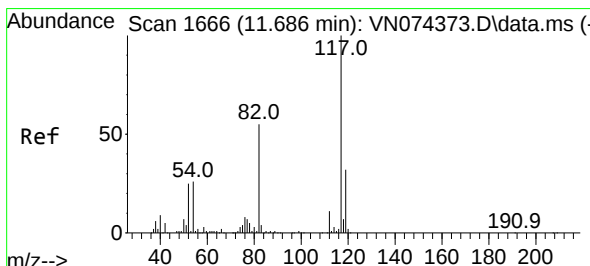
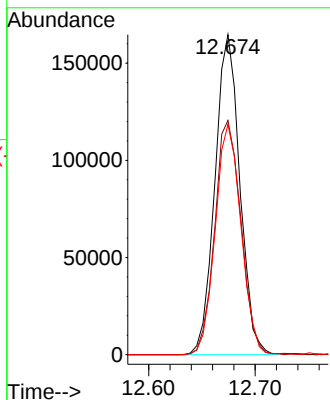
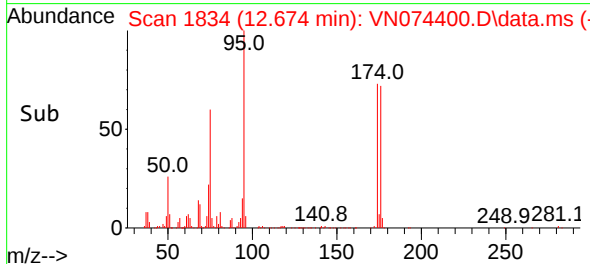
Instrument :
MSVOA_N
ClientSampleId :
SLUDGE-DRUM-1-4-COMP



Tgt Ion: 95 Resp: 267414
Ion Ratio Lower Upper
95 100
174 77.0 0.0 150.6
176 74.3 0.0 143.4

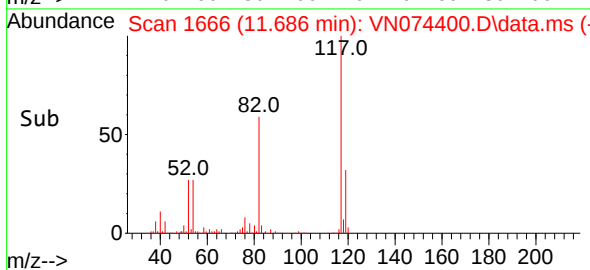
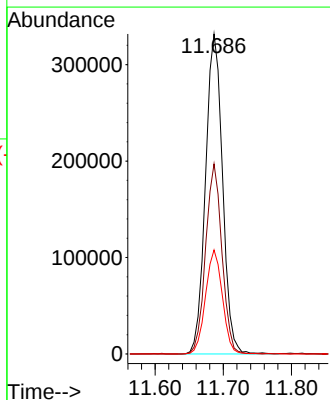
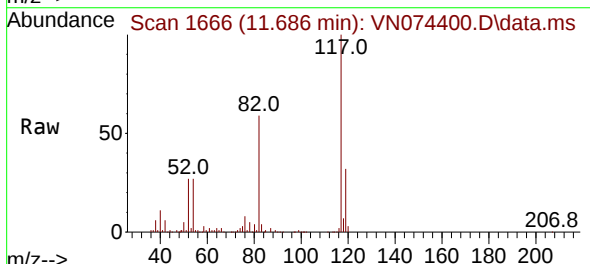
Manual Integrations
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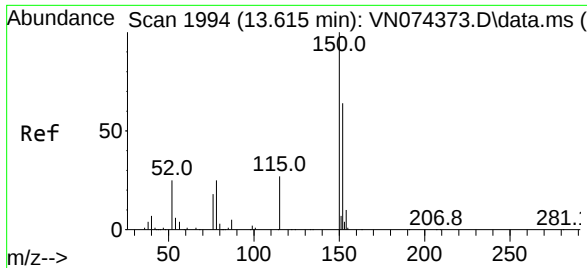
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074400.D
Acq: 10 Sep 2022 02:15

Tgt Ion:117 Resp: 576481
Ion Ratio Lower Upper
117 100
82 59.4 44.3 66.5
119 32.5 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.616 min Scan# 1994

Delta R.T. 0.001 min

Lab File: VN074400.D

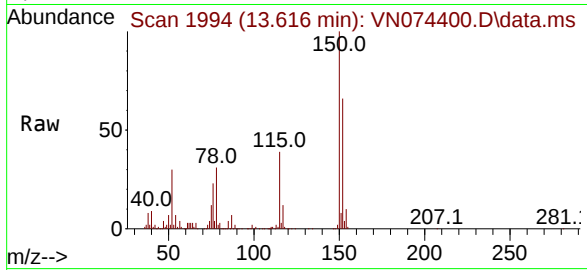
Acq: 10 Sep 2022 02:15

Instrument :

MSVOA_N

ClientSampleId :

SLUDGE-DRUM-1-4-COMP



Tgt Ion:152 Resp: 259938

Ion Ratio Lower Upper

152 100

115 59.6 32.0 96.0

150 156.7 0.0 359.6

Manual Integrations

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