

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102822\
 Data File : VN075052.D
 Acq On : 28 Oct 2022 10:25
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Oct 31 01:49:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N102522W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 27 10:19:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.824	128	16183	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	93529	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	87019	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	48387	32.701	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	109.000%
60) 4-Bromofluorobenzene	12.847	95	49500	28.951	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	96.500%
63) Toluene-d8	10.571	98	148711	30.555	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.867%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	16178	20.536	ug/l	98
3) Chloromethane	2.377	50	23303	22.487	ug/l	97
4) Vinyl Chloride	2.524	62	34361	21.928	ug/l	97
5) Bromomethane	2.947	94	27496	22.194	ug/l	96
6) Chloroethane	3.118	64	27112	22.431	ug/l	98
7) Trichlorofluoromethane	3.512	101	37930	22.494	ug/l	100
8) Diethyl Ether	3.971	74	14738	21.256	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.383	101	23362	23.634	ug/l	78
10) 1,1-Dichloroethene	4.347	96	20618m	22.238	ug/l	
11) Methyl Iodide	4.600	142	30907	21.368	ug/l	93
12) Methyl Acetate	5.036	43	32524	20.708	ug/l	91
13) Acrolein	4.189	56	16338	84.930	ug/l	100
14) Acrylonitrile	5.730	53	65984	101.688	ug/l	98
15) Acetone	4.441	58	29262	161.410	ug/l	94
16) Carbon Disulfide	4.724	76	43621	21.372	ug/l	97
17) Allyl chloride	5.041	41	28075	22.599	ug/l	92
18) Methylene Chloride	5.289	84	25728	22.150	ug/l	93
19) trans-1,2-Dichloroethene	5.800	96	22064	21.405	ug/l	89
20) Diisopropyl ether	6.683	45	71025	22.027	ug/l #	92
21) 1,1-Dichloroethane	6.583	63	45191	22.566	ug/l	99
22) cis-1,2-Dichloroethene	7.488	96	28600	21.959	ug/l	97
23) tert-Butyl Alcohol	5.536	59	28198	93.874	ug/l #	100
24) Methyl tert-Butyl Ether	5.806	73	83530	22.028	ug/l #	73
25) Chloroform	7.971	83	49026	22.159	ug/l	98
26) Cyclohexane	8.259	56	35192	21.875	ug/l #	91
29) 1,1-Dichloropropene	8.377	75	34442	21.469	ug/l	96
30) 2-Butanone	7.488	43	107835	116.602	ug/l	97
31) 2,2-Dichloropropane	7.494	77	42994	21.939	ug/l #	81
32) 1,1,1-Trichloroethane	8.177	97	44693	21.510	ug/l	100
33) Carbon Tetrachloride	8.365	117	37844	20.685	ug/l	95
34) Benzene	8.612	78	104226	21.251	ug/l	95
35) Methacrylonitrile	7.788	41	17713	19.983	ug/l	95
36) 1,2-Dichloroethane	8.671	62	40968	22.543	ug/l	98
37) Trichloroethene	9.353	130	26484	21.730	ug/l	97
38) Methylcyclohexane	9.600	83	41740	20.984	ug/l	96
39) 1,2-Dichloropropane	9.624	63	26770	21.682	ug/l	95
40) Dibromomethane	9.706	93	19850	21.191	ug/l	97
41) Bromodichloromethane	9.888	83	40158	22.020	ug/l	93
42) Vinyl Acetate	6.612	43	303416m	116.476	ug/l	

10/31/2022
 Supervised By :Mahesh
 Kadoda

10/31/2022

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Manual Integrations

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Quant Time: Oct 31 01:49:27 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N102522W.M

Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

QLast Update : Thu Oct 27 10:19:47 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
43) Ethyl Acetate	7.565	43	36503	19.972	ug/l	98	10/31/2022
44) Isopropyl Acetate	8.694	43	59531	20.306	ug/l	96	Supervised By :Mahesh
45) 1,4-Dioxane	9.700	88	13177	365.167	ug/l #	86	Dadoda
46) Methyl methacrylate	9.682	41	26014	19.780	ug/l	94	
47) n-amyl Acetate	12.494	43	49687	19.728	ug/l	98	
48) t-1,3-Dichloropropene	10.835	75	40195	20.174	ug/l	99	
49) cis-1,3-Dichloropropene	10.318	75	43167	20.614	ug/l	90	10/31/2022
50) 1,1,2-Trichloroethane	11.018	97	28019	20.417	ug/l	95	
51) Ethyl methacrylate	10.876	69	42693	19.967	ug/l	93	
52) 1,3-Dichloropropane	11.165	76	49286	21.473	ug/l	100	
53) Dibromochloromethane	11.359	129	28608	19.273	ug/l	95	
54) 1,2-Dibromoethane	11.470	107	28289	19.924	ug/l	96	
55) 2-Chloroethyl vinyl ether	10.159	63	78983	90.414	ug/l	99	
56) Bromoform	12.582	173	19093	17.520	ug/l #	97	
58) 4-Methyl-2-Pentanone	10.447	43	191136	101.831	ug/l	93	
59) 2-Hexanone	11.200	43	157718	109.535	ug/l	93	
61) Tetrachloroethene	11.106	164	23234	24.008	ug/l	88	
62) Toluene	10.629	91	121782	21.616	ug/l	97	
64) Chlorobenzene	11.894	112	73375	21.016	ug/l	97	
65) 1,1,1,2-Tetrachloroethane	11.965	131	28611	21.452	ug/l	98	
66) Ethyl Benzene	11.965	91	135642	21.362	ug/l	98	
67) m/p-Xylenes	12.070	106	106818	41.947	ug/l	97	
68) o-Xylene	12.400	106	52843	20.644	ug/l	100	
69) Styrene	12.412	104	84691	20.232	ug/l	98	
70) Isopropylbenzene	12.694	105	138069	20.702	ug/l	100	
71) 1,1,2,2-Tetrachloroethane	12.941	83	43940	20.225	ug/l	99	
72) 1,2,3-Trichloropropane	12.994	75	39529m	20.037	ug/l		
73) Bromobenzene	12.982	156	29264	19.713	ug/l	93	
74) n-propylbenzene	13.035	91	159375	21.339	ug/l	98	
75) 2-Chlorotoluene	13.129	91	93979	20.677	ug/l	98	
76) 1,3,5-Trimethylbenzene	13.176	105	115294	20.407	ug/l	98	
77) t-1,4-Dichloro-2-butene	12.735	75	13536	19.643	ug/l	92	
78) 4-Chlorotoluene	13.223	91	92062	20.853	ug/l	97	
79) tert-butylbenzene	13.441	119	101413	20.103	ug/l	99	
80) 1,2,4-Trimethylbenzene	13.482	105	116104m	20.203	ug/l		
81) sec-Butylbenzene	13.617	105	145159	20.469	ug/l	100	
82) p-Isopropyltoluene	13.729	119	115970	19.384	ug/l	100	
83) 1,3-Dichlorobenzene	13.735	146	56963	19.404	ug/l	99	
84) 1,4-Dichlorobenzene	13.811	146	55796	19.700	ug/l	100	
85) n-Butylbenzene	14.059	91	97031	20.221	ug/l	98	
86) Hexachloroethane	14.335	117	21086	19.019	ug/l	91	
87) 1,2-Dichlorobenzene	14.106	146	57174	19.689	ug/l	98	
88) 1,2-Dibromo-3-Chloropr...	14.717	75	8860	19.402	ug/l	98	
89) 1,2,4-Trichlorobenzene	15.394	180	25657	20.004	ug/l	99	
90) Hexachlorobutadiene	15.505	225	11817	20.033	ug/l	95	
91) Naphthalene	15.641	128	92803	18.257	ug/l	99	
92) 1,2,3-Trichlorobenzene	15.841	180	24887	19.169	ug/l	98	

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

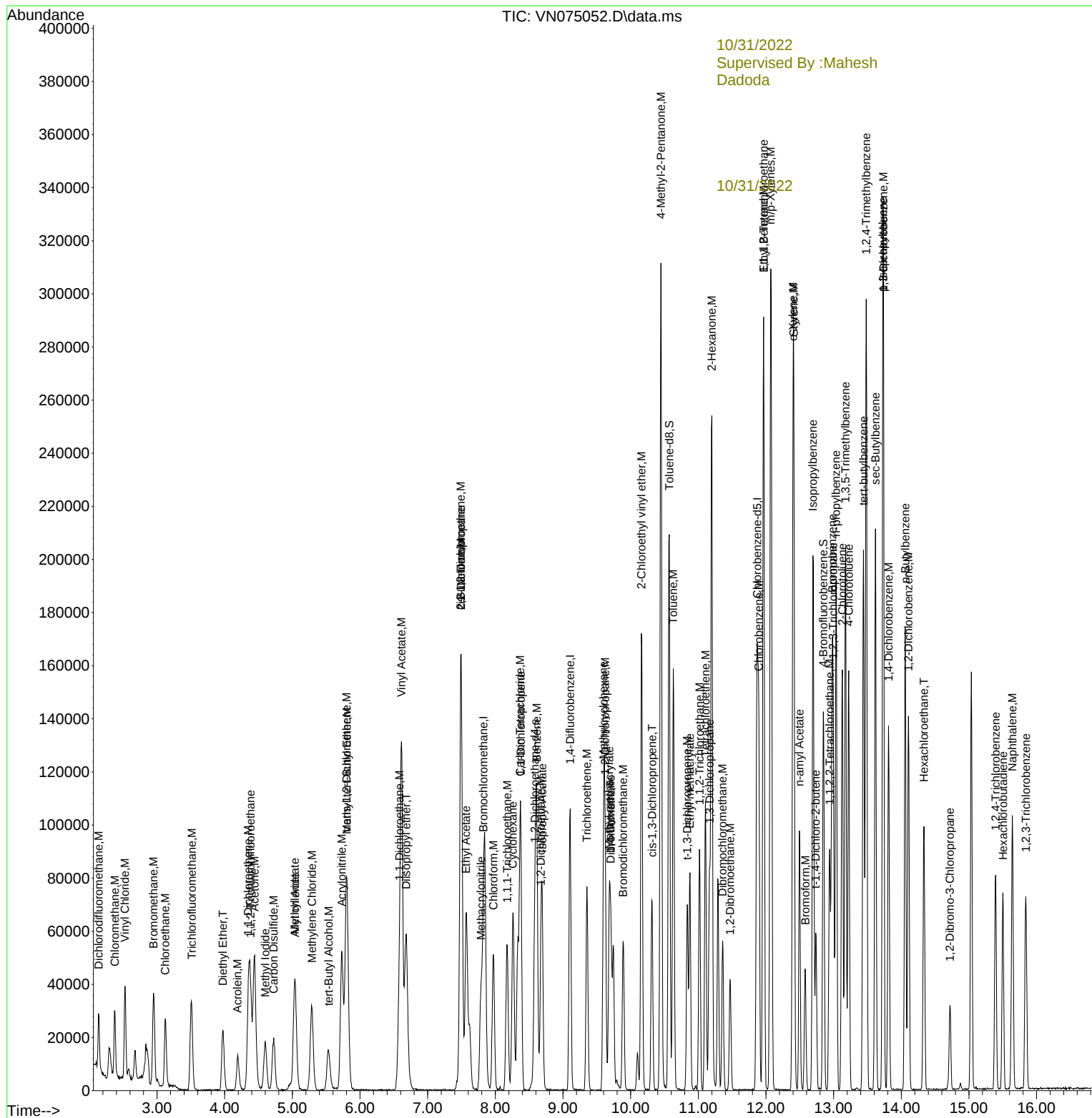
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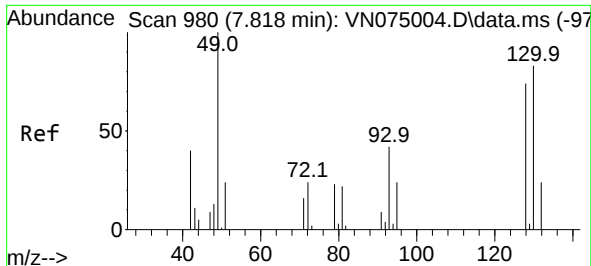
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Manual Integrations
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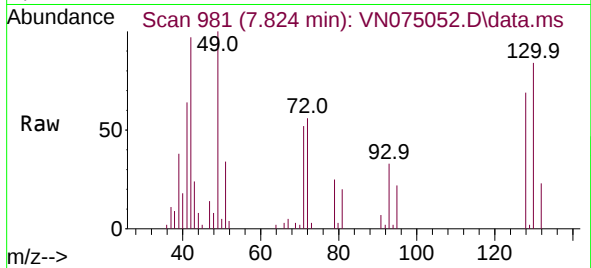
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N102522W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Oct 27 10:19:47 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075052.D
Acq: 28 Oct 2022 10:25

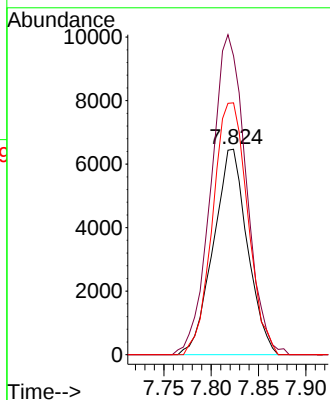
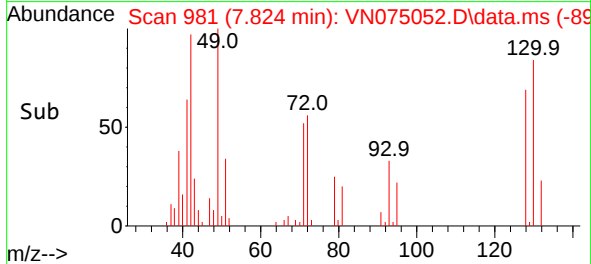
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:128 Resp: 1618
Ion Ratio Lower Upper
128 100
49 159.9 0.0 392.3
130 126.1 0.0 320.2

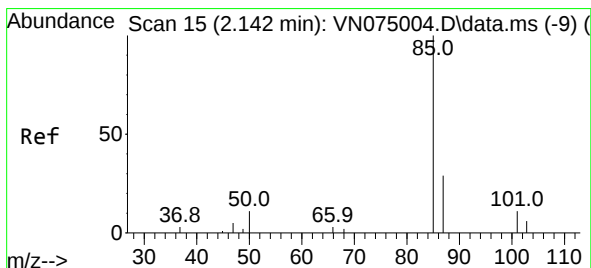
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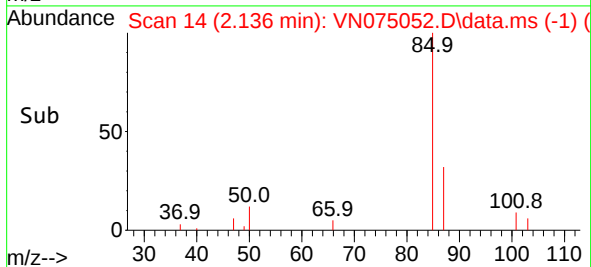
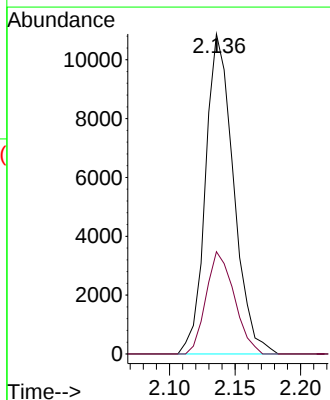
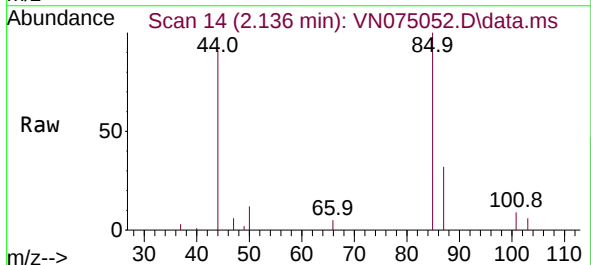
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Supervised By :Mahesh
Dadoda

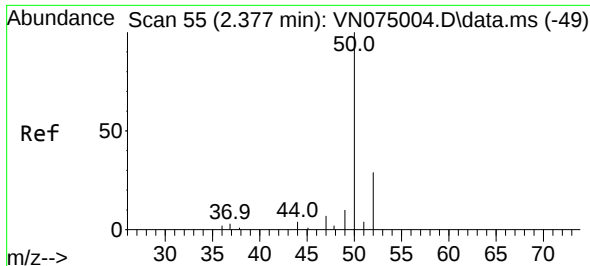
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#2
Dichlorodifluoromethane
Concen: 20.536 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN075052.D
Acq: 28 Oct 2022 10:25

Tgt Ion: 85 Resp: 16178
Ion Ratio Lower Upper
85 100
87 32.0 16.6 49.7





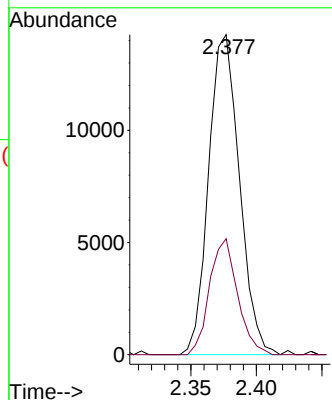
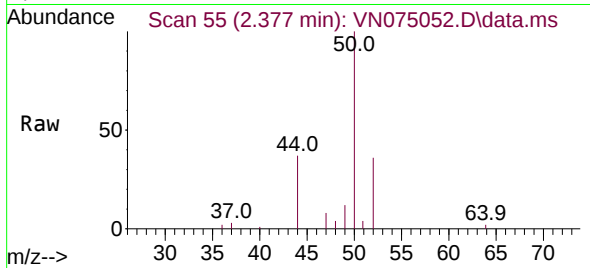
#3
Chloromethane
Concen: 22.487 ug/l
RT: 2.377 min Scan# 50
Delta R.T. -0.000 min
Lab File: VN075052.D
Acq: 28 Oct 2022 10:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 50 Resp: 2330
Ion Ratio Lower Upper
50 100
52 36.3 27.8 41.6

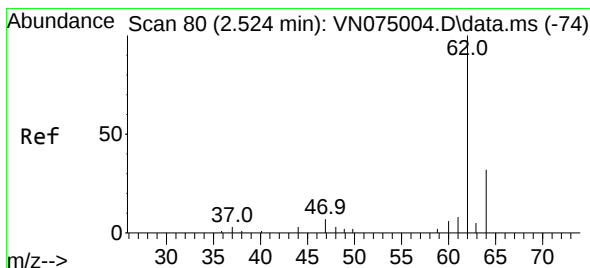
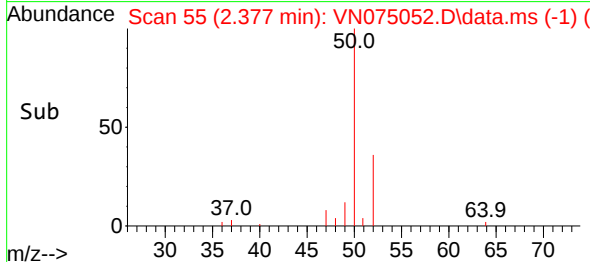
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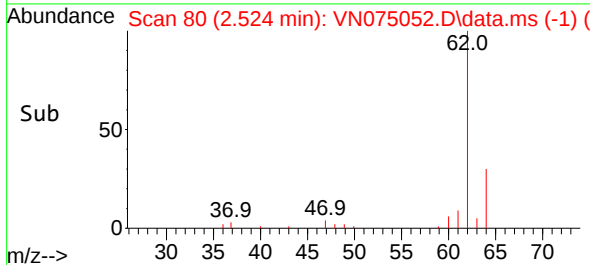
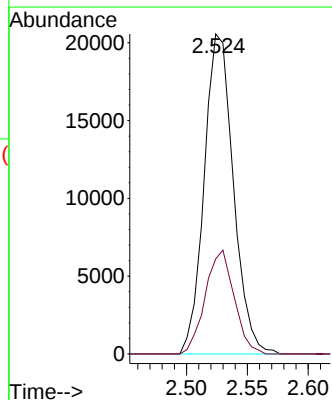
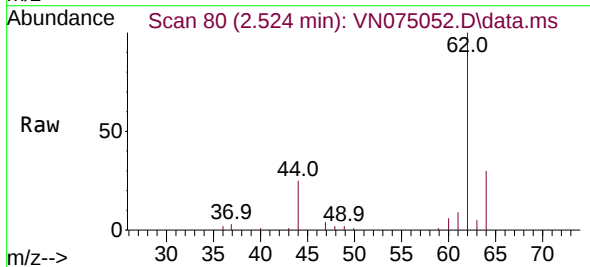
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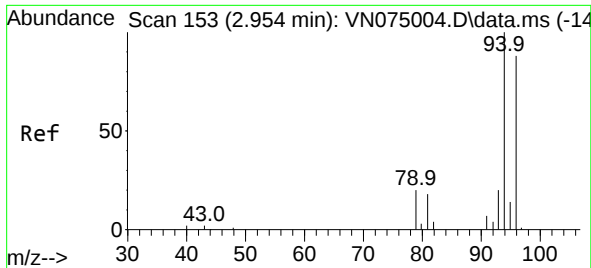
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#4
Vinyl Chloride
Concen: 21.928 ug/l
RT: 2.524 min Scan# 80
Delta R.T. -0.000 min
Lab File: VN075052.D
Acq: 28 Oct 2022 10:25

Tgt Ion: 62 Resp: 34361
Ion Ratio Lower Upper
62 100
64 29.7 25.1 37.7





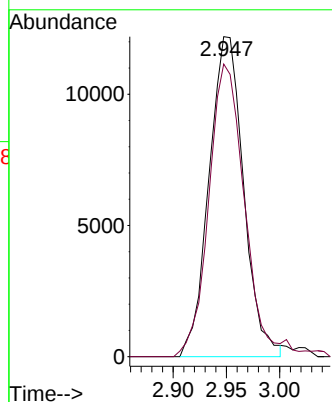
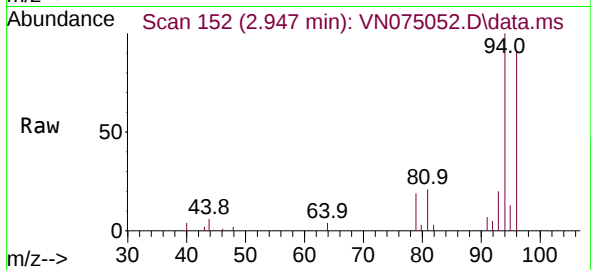
#5
Bromomethane
Concen: 22.194 ug/l
RT: 2.947 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075052.D
Acq: 28 Oct 2022 10:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 94 Resp: 27490
Ion Ratio Lower Upper
94 100
96 89.7 75.2 112.8

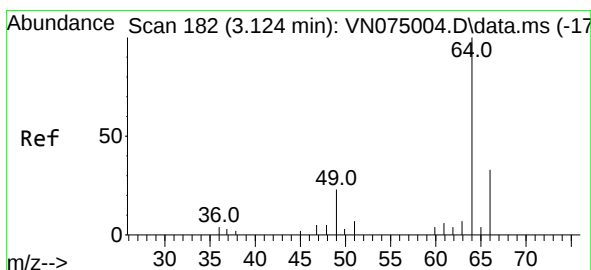
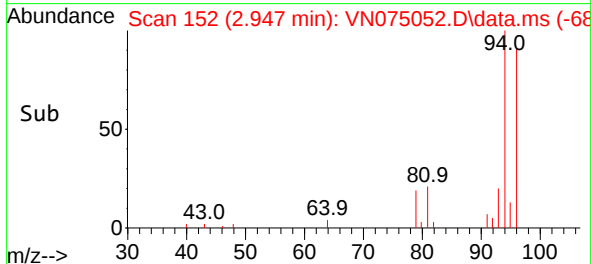
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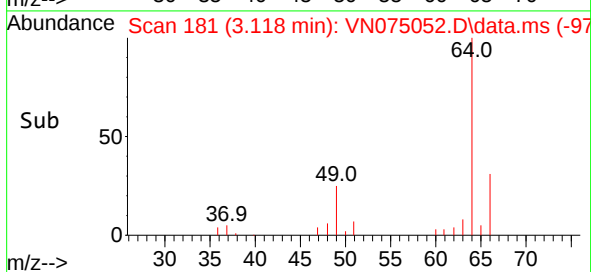
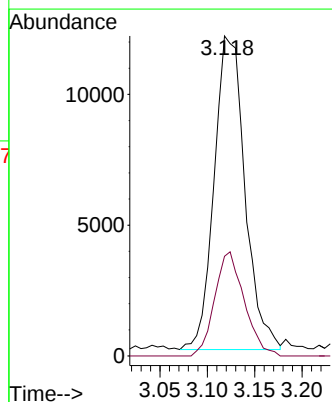
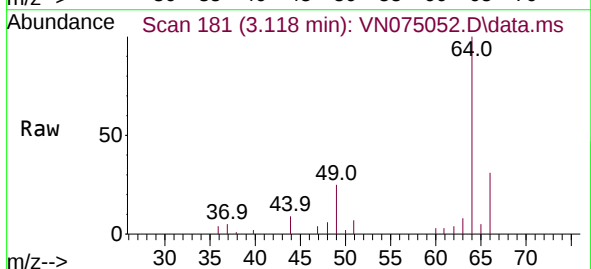
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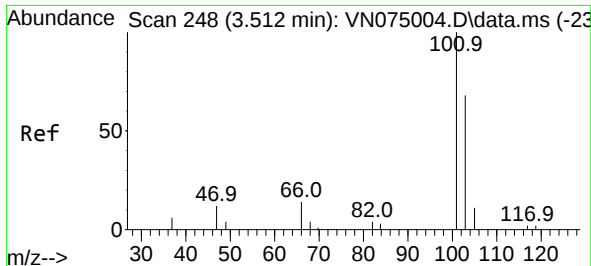
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#6
Chloroethane
Concen: 22.431 ug/l
RT: 3.118 min Scan# 181
Delta R.T. -0.006 min
Lab File: VN075052.D
Acq: 28 Oct 2022 10:25

Tgt Ion: 64 Resp: 27112
Ion Ratio Lower Upper
64 100
66 31.8 24.6 36.8





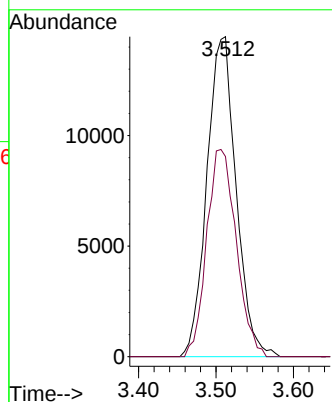
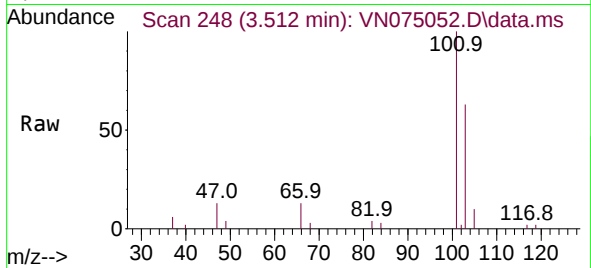
#7
 Trichlorofluoromethane
 Concen: 22.494 ug/l
 RT: 3.512 min Scan# 248
 Delta R.T. -0.000 min
 Lab File: VN075052.D
 Acq: 28 Oct 2022 10:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tgt Ion:101 Resp: 37930
 Ion Ratio Lower Upper
 101 100
 103 62.6 50.1 75.1

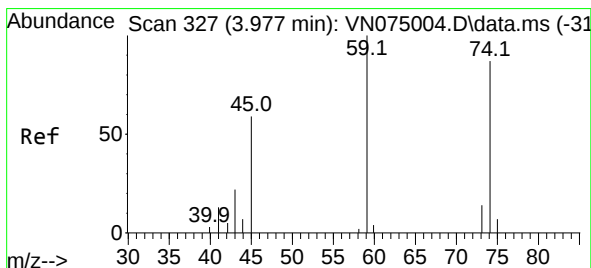
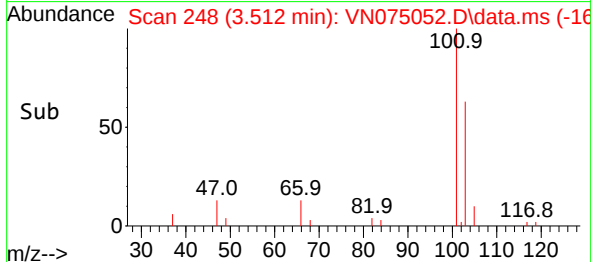
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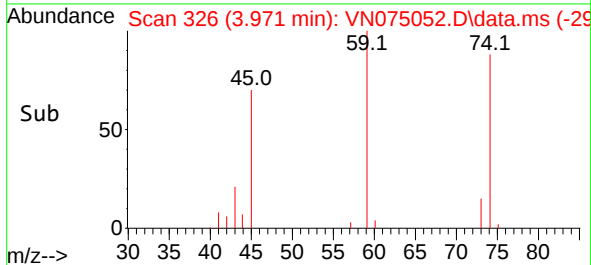
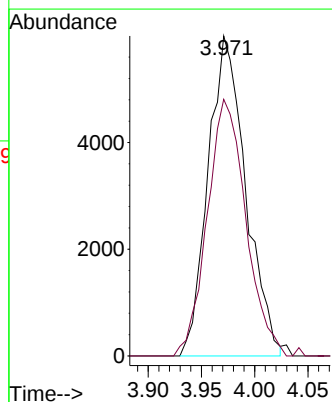
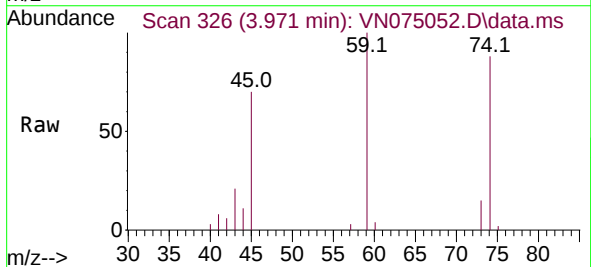
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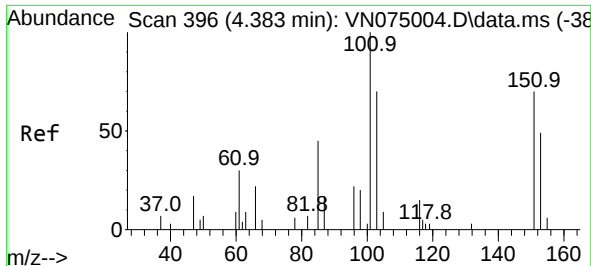
10/31/2022



#8
 Diethyl Ether
 Concen: 21.256 ug/l
 RT: 3.971 min Scan# 326
 Delta R.T. -0.006 min
 Lab File: VN075052.D
 Acq: 28 Oct 2022 10:25

Tgt Ion: 74 Resp: 14738
 Ion Ratio Lower Upper
 74 100
 45 82.1 17.6 158.8





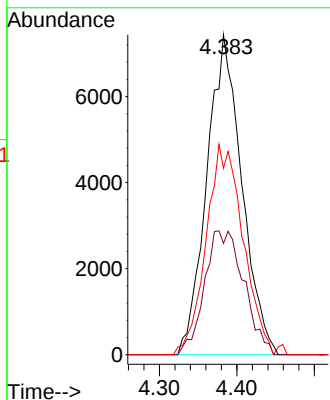
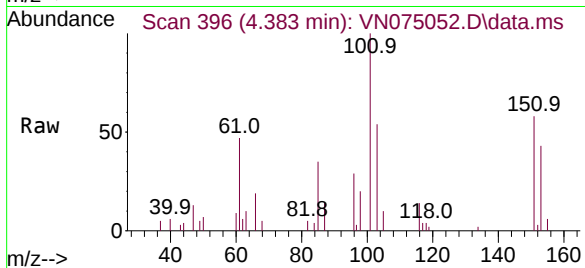
#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.634 ug/l
RT: 4.383 min Scan# 396
Delta R.T. -0.000 min
Lab File: VN075052.D
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Tgt Ion:101 Resp: 2336
Ion Ratio Lower Upper
101 100
85 22.6 0.0 94.0
151 35.5 0.0 74.6

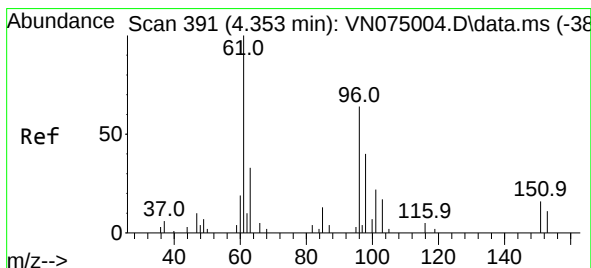
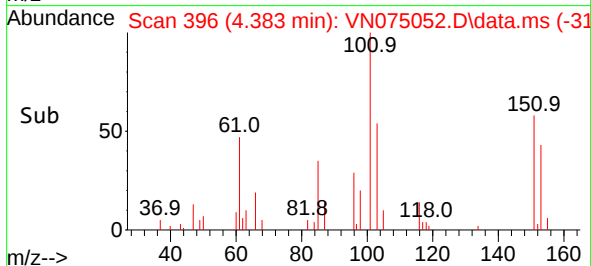
Manual Integrations
APPROVED

Reviewed By :John
Carlone



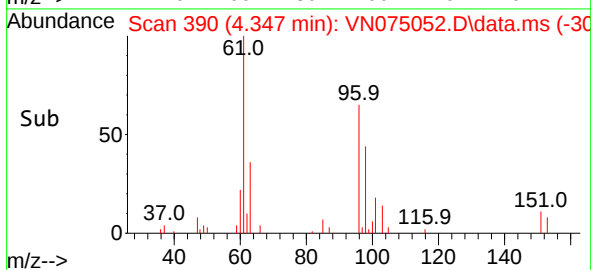
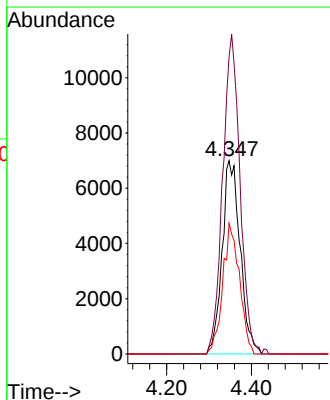
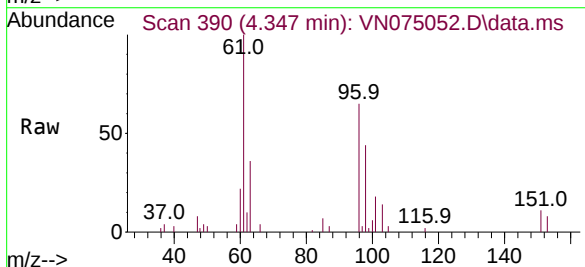
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Supervised By :Mahesh
Dadoda

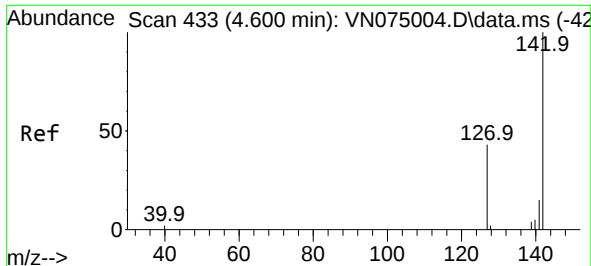
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#10
1,1-Dichloroethene
Concen: 22.238 ug/l m
RT: 4.347 min Scan# 390
Delta R.T. -0.006 min
Lab File: VN075052.D
Acq: 28 Oct 2022 10:25

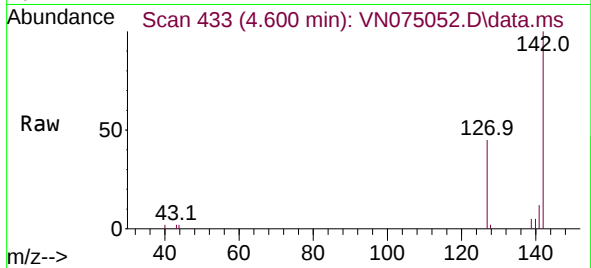
Tgt Ion: 96 Resp: 20618
Ion Ratio Lower Upper
96 100
61 153.8 126.2 189.4
98 67.6 50.9 76.3





#11
Methyl Iodide
Concen: 21.368 ug/l
RT: 4.600 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN075052.D
Acq: 28 Oct 2022 10:25

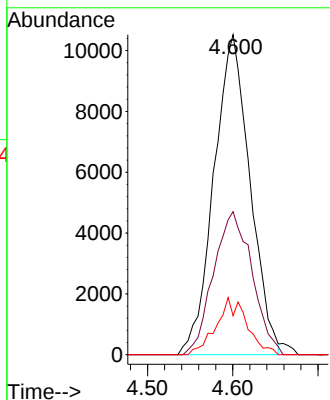
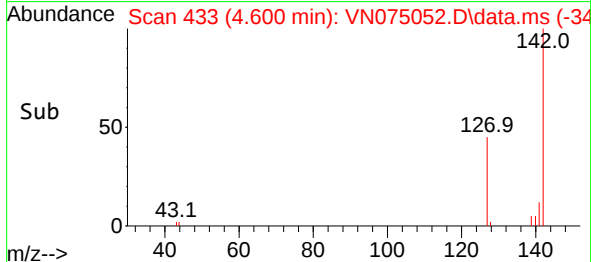
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:142 Resp: 3090
Ion Ratio Lower Upper
142 100
127 44.2 24.0 72.0
141 12.4 8.4 25.2

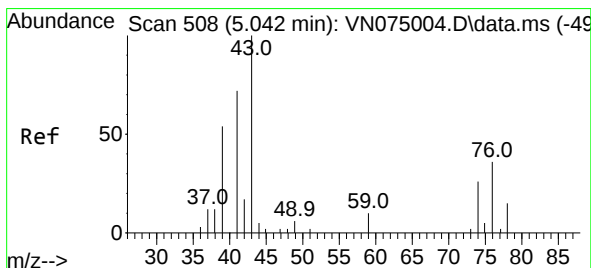
Manual Integrations
APPROVED

Reviewed By :John
Carlone



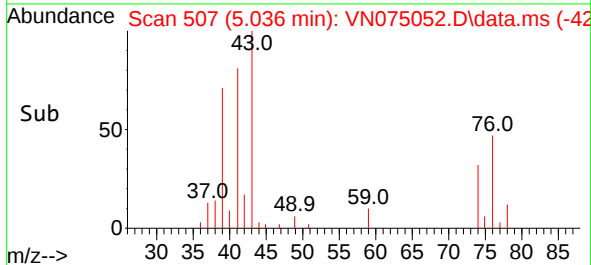
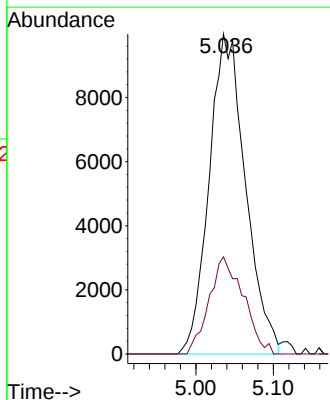
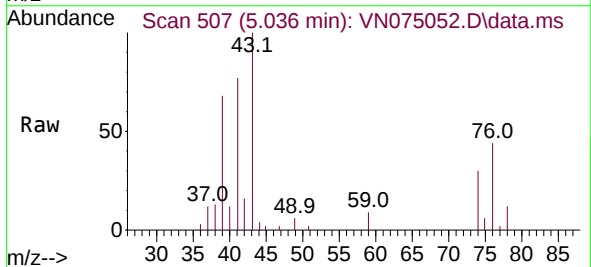
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Supervised By :Mahesh
Dadoda

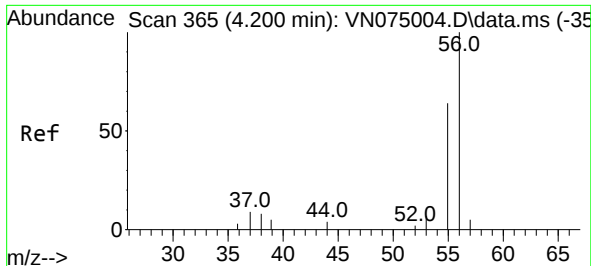
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#12
Methyl Acetate
Concen: 20.708 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.006 min
Lab File: VN075052.D
Acq: 28 Oct 2022 10:25

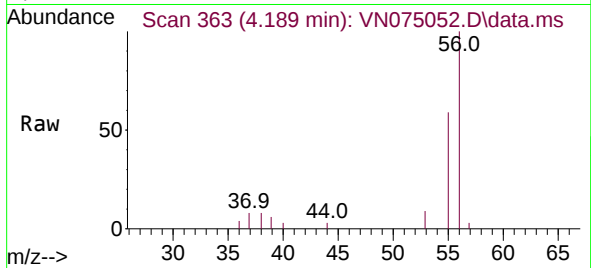
Tgt Ion: 43 Resp: 32524
Ion Ratio Lower Upper
43 100
74 30.8 20.8 31.2





#13
Acrolein
Concen: 84.930 ug/l
RT: 4.189 min Scan# 363
Delta R.T. -0.012 min
Lab File: VN075052.D
Acq: 28 Oct 2022 10:25

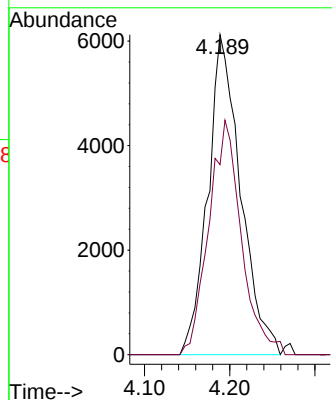
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 56 Resp: 16338
Ion Ratio Lower Upper
56 100
55 72.4 57.6 86.4

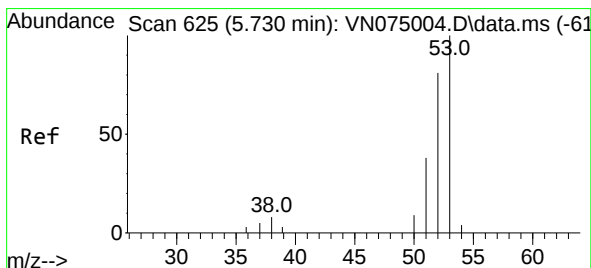
Manual Integrations
APPROVED

Reviewed By :John
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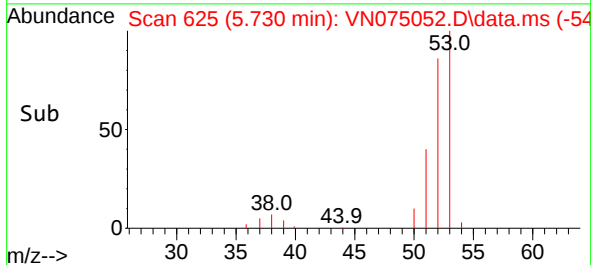
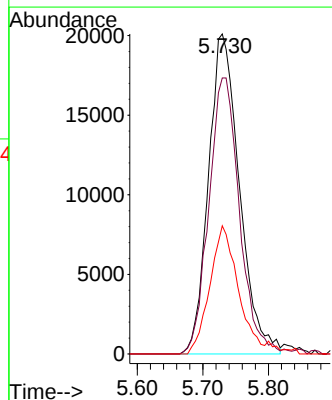
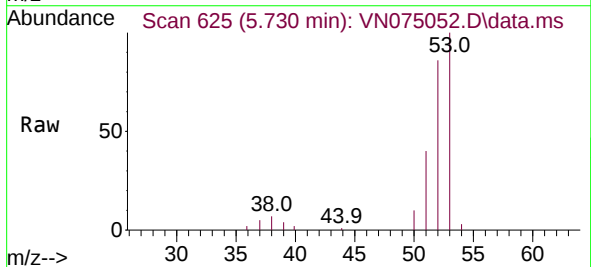
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Supervised By :Mahesh
Dadoda

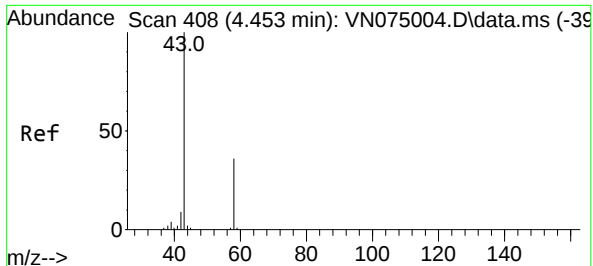
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#14
Acrylonitrile
Concen: 101.688 ug/l
RT: 5.730 min Scan# 625
Delta R.T. -0.000 min
Lab File: VN075052.D
Acq: 28 Oct 2022 10:25

Tgt Ion: 53 Resp: 65984
Ion Ratio Lower Upper
53 100
52 84.9 41.8 125.4
51 36.6 19.0 57.0





#15

Acetone

Concen: 161.410 ug/l

RT: 4.441 min Scan# 408

Delta R.T. -0.012 min

Lab File: VN075052.D

Acq: 28 Oct 2022 10:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 58 Resp: 2926

Ion Ratio Lower Upper

58 100

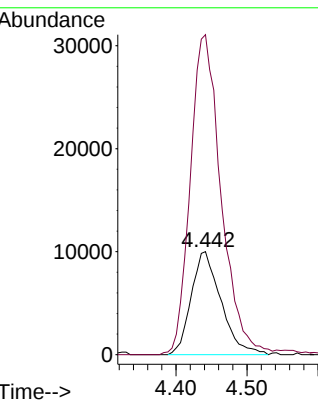
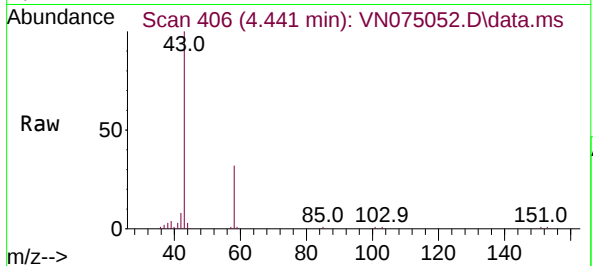
43 307.7 256.6 384.8

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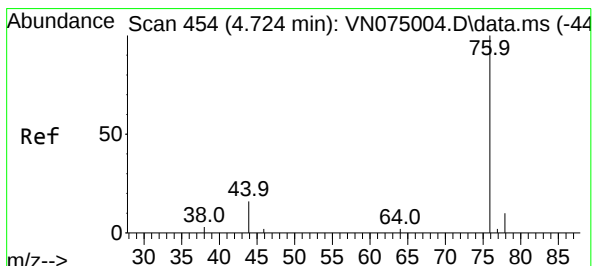
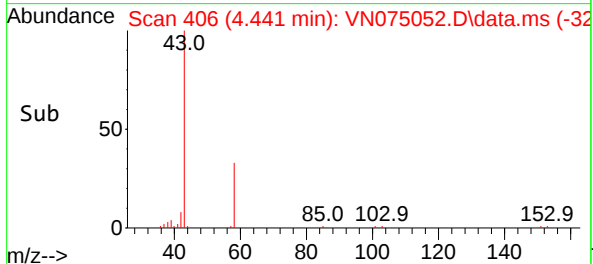


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#16

Carbon Disulfide

Concen: 21.372 ug/l

RT: 4.724 min Scan# 454

Delta R.T. -0.000 min

Lab File: VN075052.D

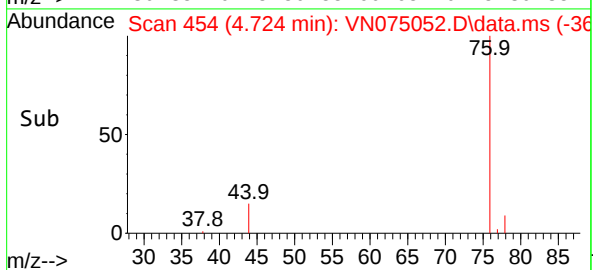
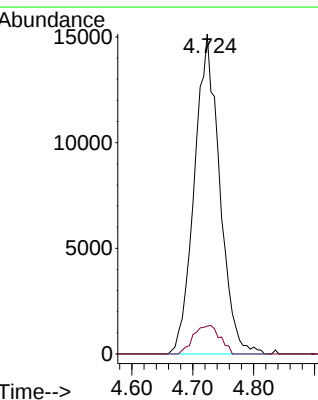
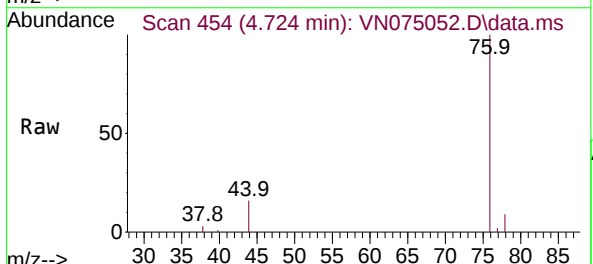
Acq: 28 Oct 2022 10:25

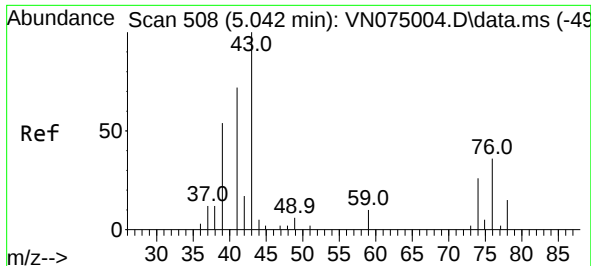
Tgt Ion: 76 Resp: 43621

Ion Ratio Lower Upper

76 100

78 8.7 7.8 11.8





#17

Allyl chloride

Concen: 22.599 ug/l

RT: 5.041 min Scan# 508

Delta R.T. -0.000 min

Lab File: VN075052.D

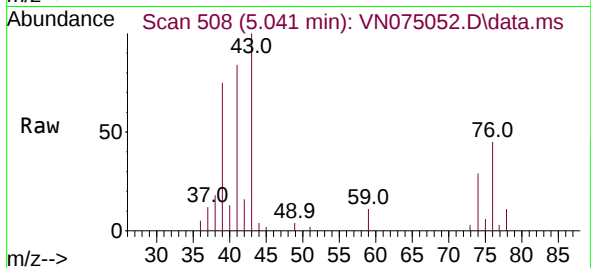
Acq: 28 Oct 2022 10:25

Instrument :

MSVOA_N

ClientSampleId :

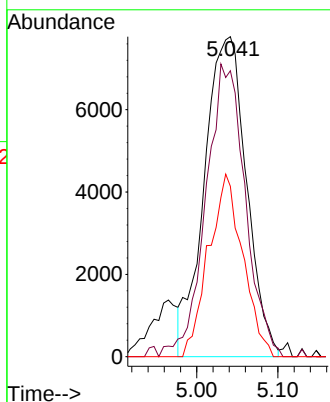
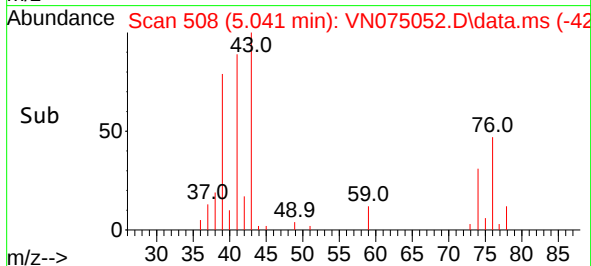
VSTDCCC020



Tgt Ion:	41	Resp:	2807
Ion	Ratio	Lower	Upper
41	100		
39	88.5	44.6	134.0
76	54.4	19.6	58.7

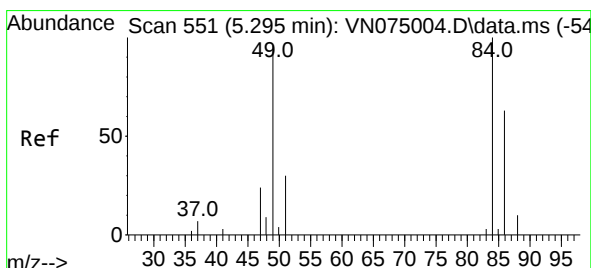
Manual Integrations
APPROVED

Reviewed By :John
Carlone



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Supervised By :Mahesh
Dadoda

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#18

Methylene Chloride

Concen: 22.150 ug/l

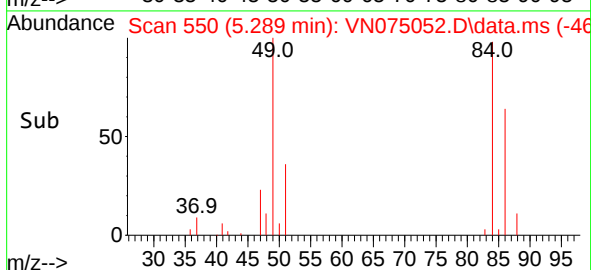
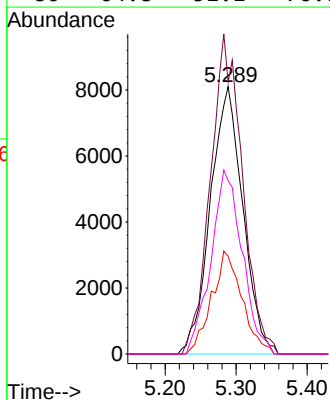
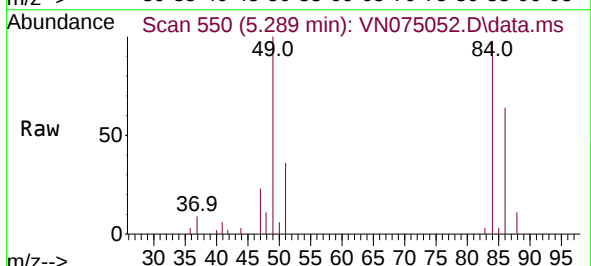
RT: 5.289 min Scan# 550

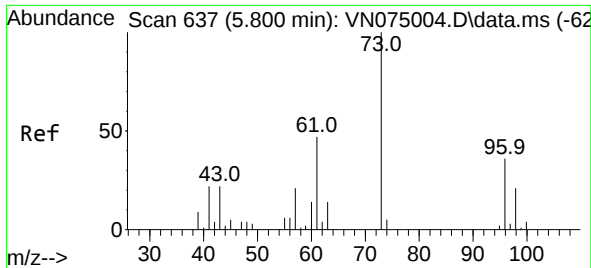
Delta R.T. -0.006 min

Lab File: VN075052.D

Acq: 28 Oct 2022 10:25

Tgt Ion:	84	Resp:	25728
Ion	Ratio	Lower	Upper
84	100		
49	101.7	91.4	137.0
51	36.6	29.4	44.0
86	64.8	51.1	76.7





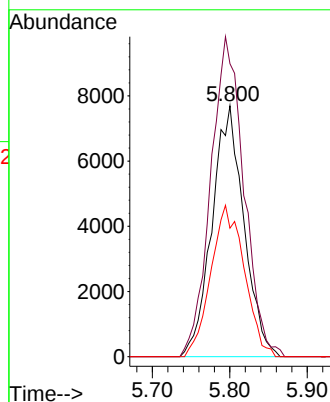
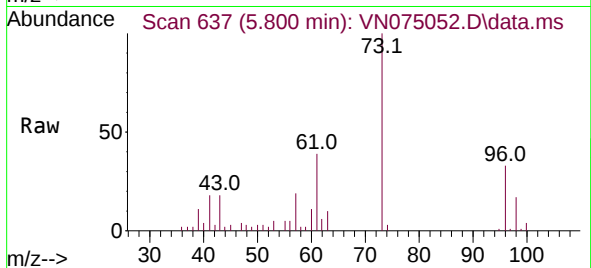
#19
trans-1,2-Dichloroethene
Concen: 21.405 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN075052.D
Acq: 28 Oct 2022 10:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 96 Resp: 22064
Ion Ratio Lower Upper
96 100
61 116.8 102.8 154.2
98 51.3 49.3 73.9

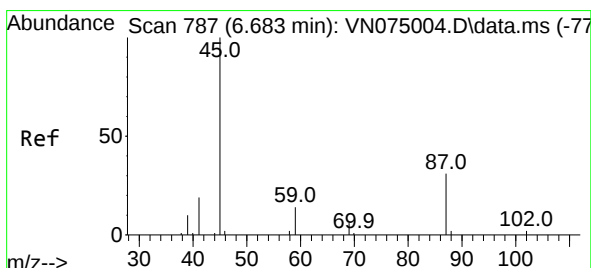
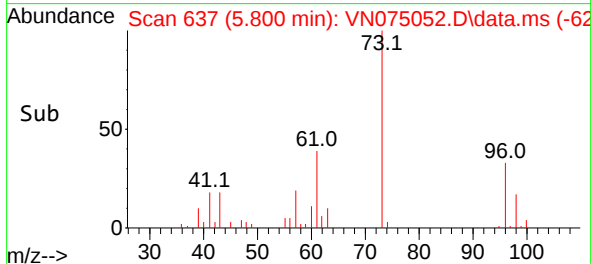
Manual Integrations
APPROVED

Reviewed By :John
Carlone



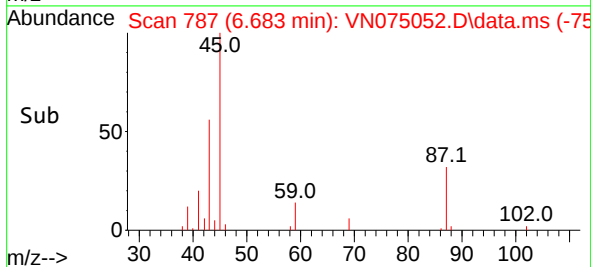
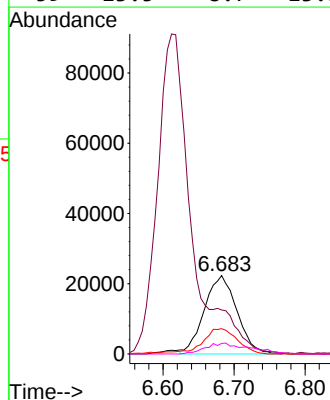
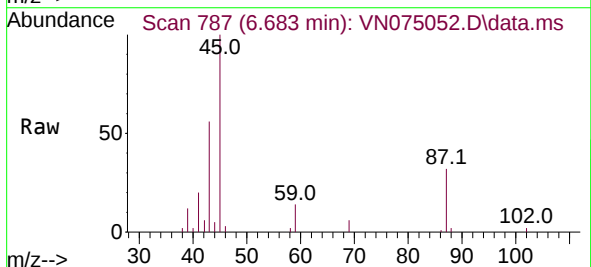
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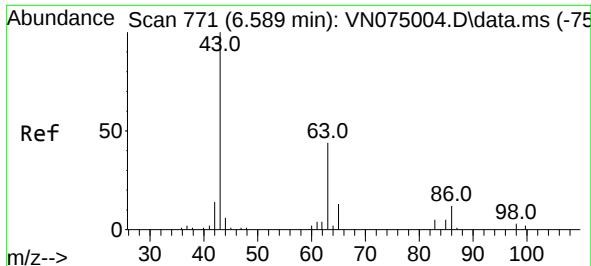
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#20
Diisopropyl ether
Concen: 22.027 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN075052.D
Acq: 28 Oct 2022 10:25

Tgt Ion: 45 Resp: 71025
Ion Ratio Lower Upper
45 100
43 54.5 51.0 76.4
87 32.3 25.0 37.4
59 13.5 8.7 13.1#





#21

1,1-Dichloroethane

Concen: 22.566 ug/l

RT: 6.583 min Scan# 71

Delta R.T. -0.006 min

Lab File: VN075052.D

Acq: 28 Oct 2022 10:25

Instrument :

MSVOA_N

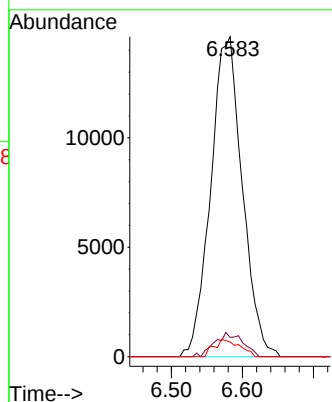
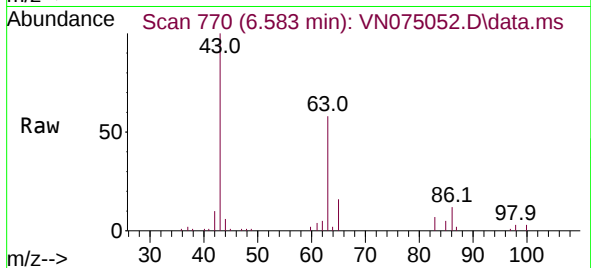
ClientSampleId :

VSTDCCC020

Tgt Ion: 63	Resp: 4519
Ion Ratio	Lower Upper
63 100	
98 6.0	3.2 9.6
100 4.6	2.1 6.2

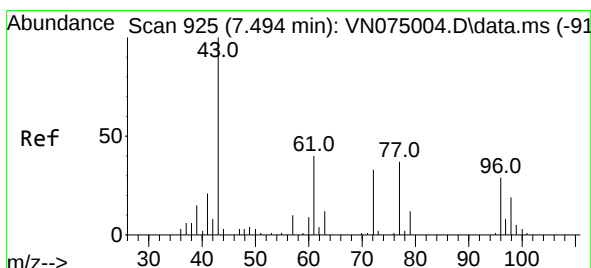
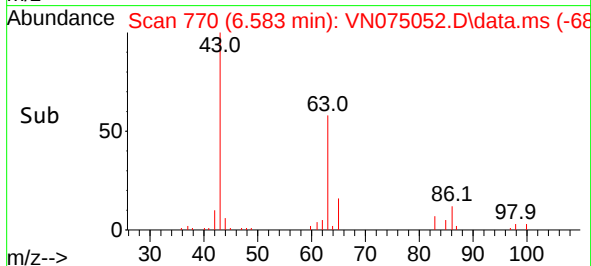
Manual Integrations
APPROVED

Reviewed By :John
Carlone



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Dadoda

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#22

cis-1,2-Dichloroethene

Concen: 21.959 ug/l

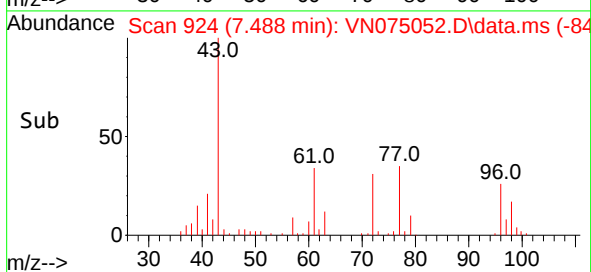
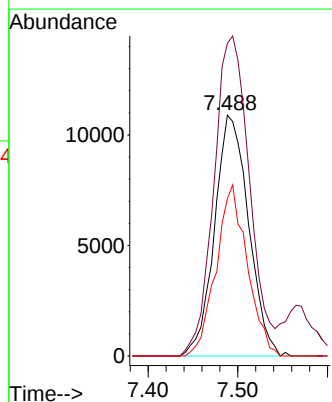
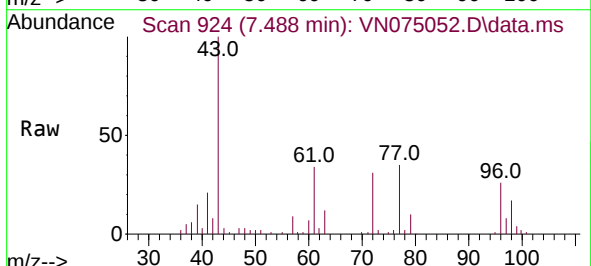
RT: 7.488 min Scan# 924

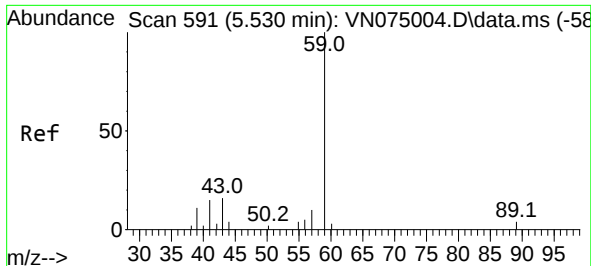
Delta R.T. -0.006 min

Lab File: VN075052.D

Acq: 28 Oct 2022 10:25

Tgt Ion: 96	Resp: 28600
Ion Ratio	Lower Upper
96 100	
61 139.4	115.7 173.5
98 65.2	51.6 77.4





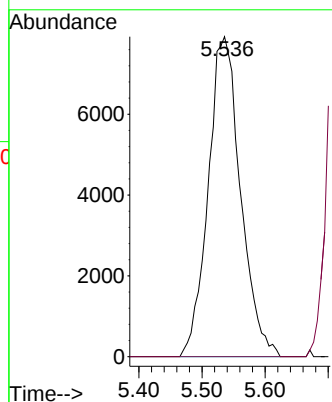
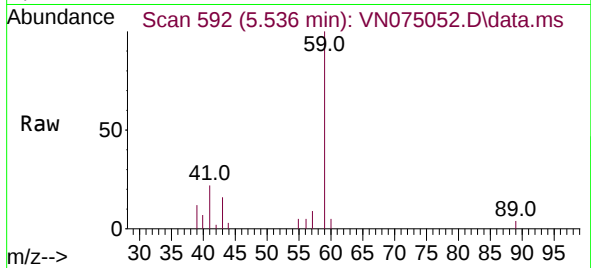
#23
tert-Butyl Alcohol
Concen: 93.874 ug/l
RT: 5.536 min Scan# 591
Delta R.T. 0.006 min
Lab File: VN075052.D
Acq: 28 Oct 2022 10:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 59 Resp: 28198
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

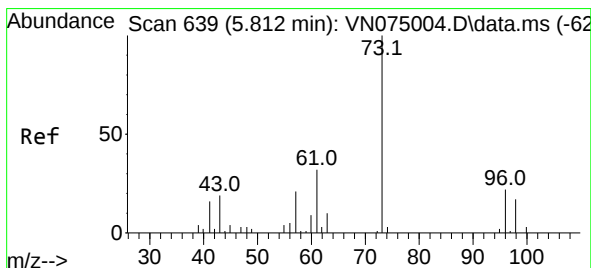
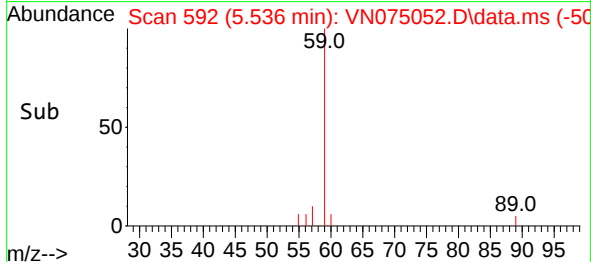
Manual Integrations
APPROVED

Reviewed By :John
Carlone



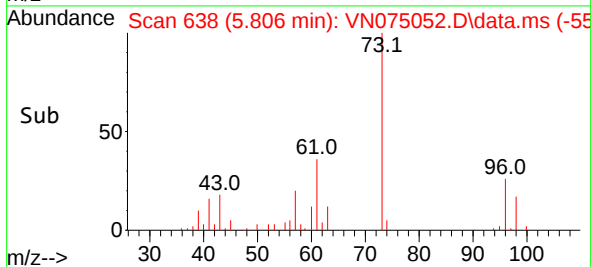
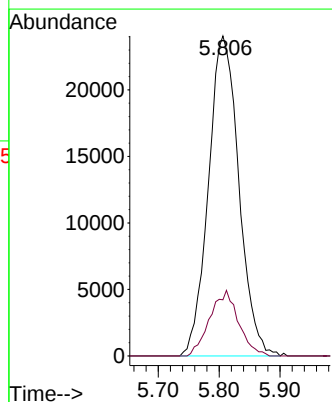
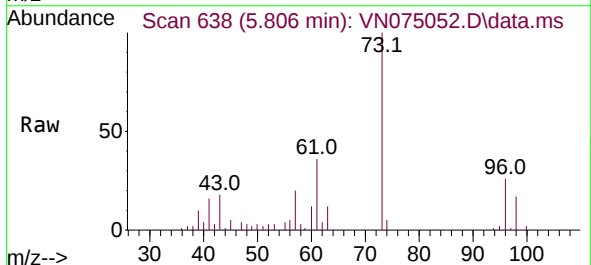
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Supervised By :Mahesh
Dadoda

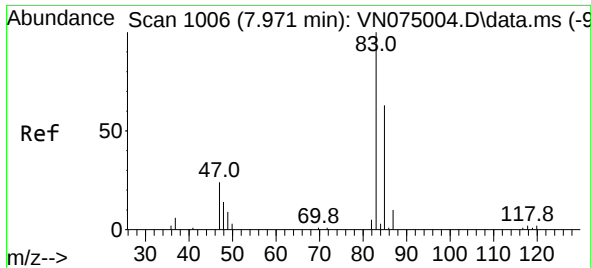
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#24
Methyl tert-Butyl Ether
Concen: 22.028 ug/l
RT: 5.806 min Scan# 638
Delta R.T. -0.006 min
Lab File: VN075052.D
Acq: 28 Oct 2022 10:25

Tgt Ion: 73 Resp: 83530
Ion Ratio Lower Upper
73 100
43 9.5 18.1 27.1#





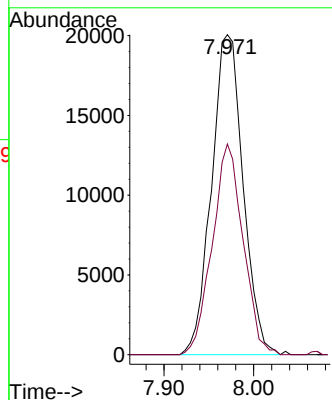
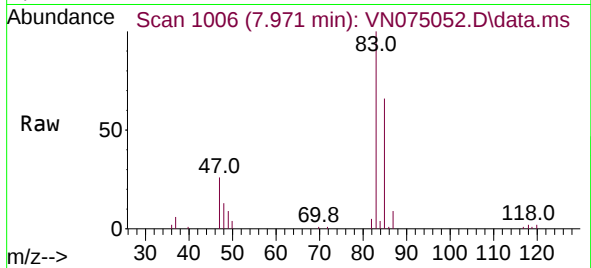
#25
Chloroform
Concen: 22.159 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN075052.D
Acq: 28 Oct 2022 10:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 49020
Ion Ratio Lower Upper
83 100
85 65.8 51.3 76.9

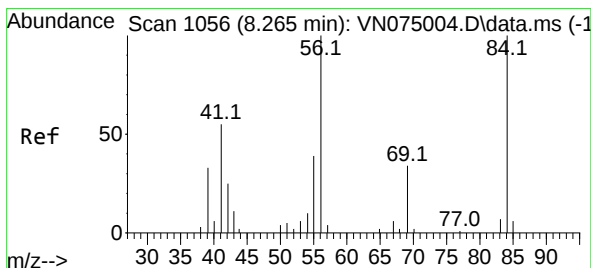
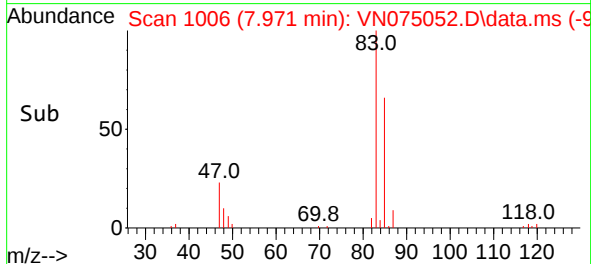
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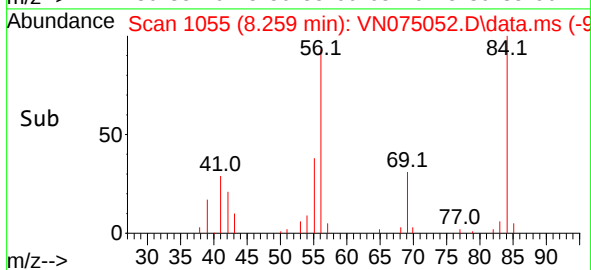
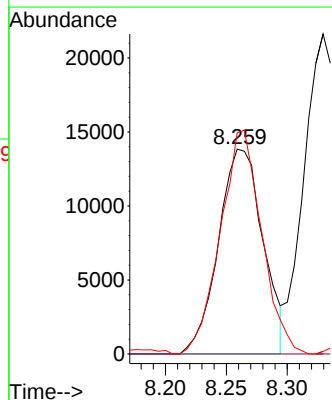
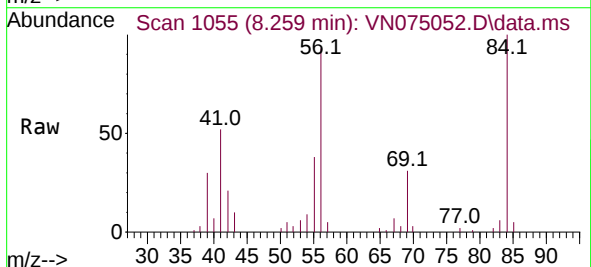
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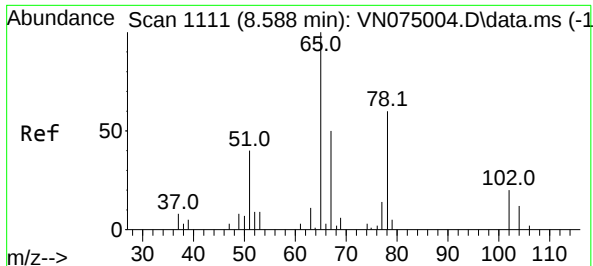
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#26
Cyclohexane
Concen: 21.875 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN075052.D
Acq: 28 Oct 2022 10:25

Tgt Ion: 56 Resp: 35192
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 101.6 74.6 111.8





#27

1,2-Dichloroethane-d4

Concen: 32.701 ug/l

RT: 8.582 min Scan# 1111

Delta R.T. -0.006 min

Lab File: VN075052.D

Acq: 28 Oct 2022 10:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 65 Resp: 4838

Ion Ratio Lower Upper

65 100

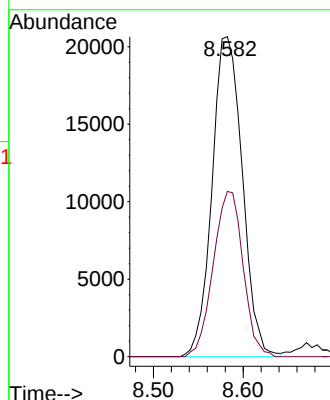
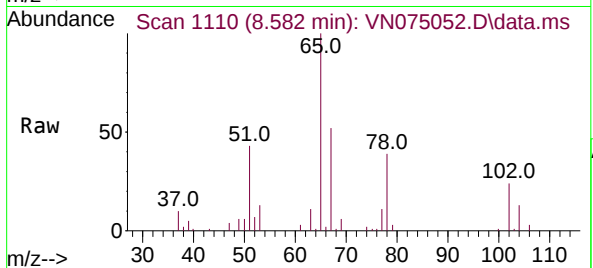
67 50.8 40.2 60.2

Manual Integrations

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Reviewed By :John

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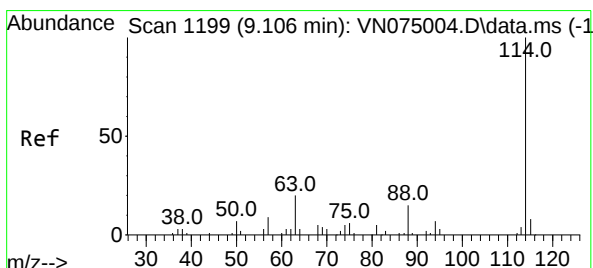
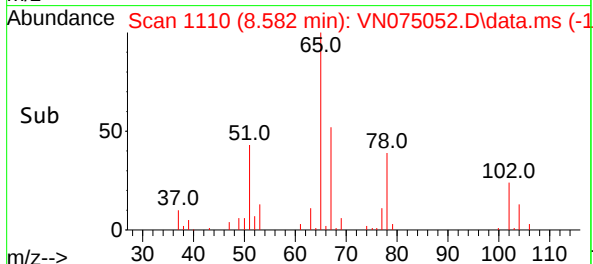


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#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075052.D

Acq: 28 Oct 2022 10:25

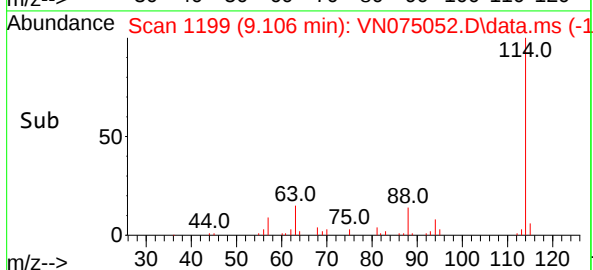
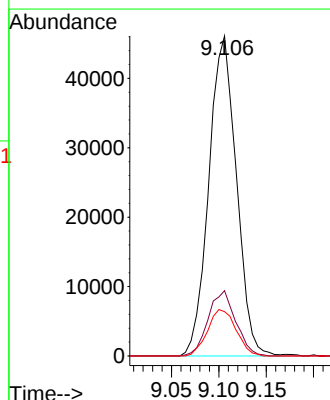
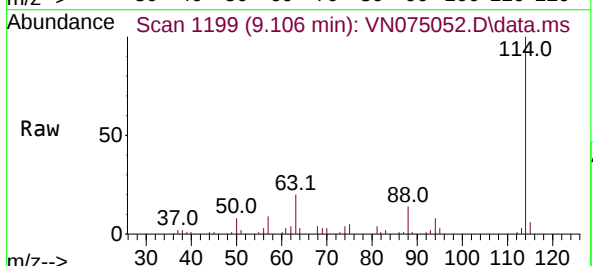
Tgt Ion:114 Resp: 93529

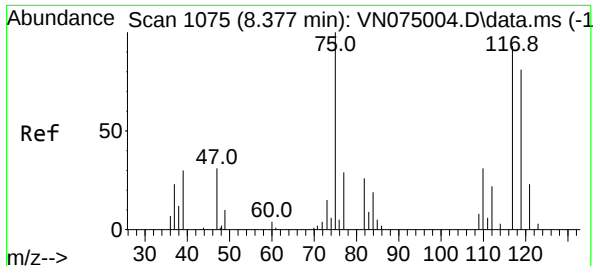
Ion Ratio Lower Upper

114 100

63 20.4 15.8 23.6

88 15.0 11.6 17.4





#29
1,1-Dichloropropene
Concen: 21.469 ug/l
RT: 8.377 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN075052.D
Acq: 28 Oct 2022 10:25

Instrument :

MSVOA_N

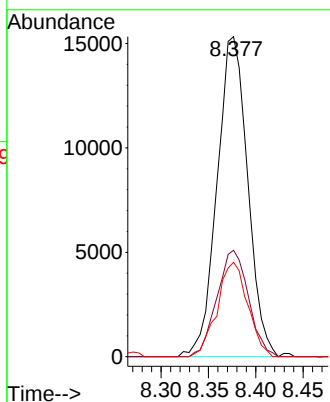
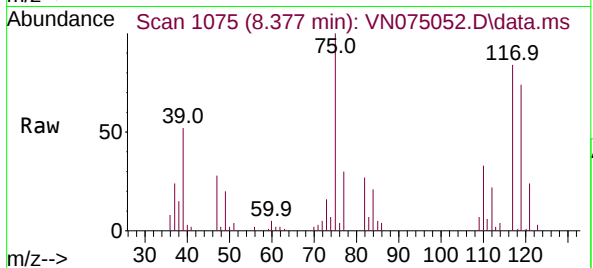
ClientSampleId :

VSTDCCC020

Tgt Ion: 75 Resp: 3444
Ion Ratio Lower Upper
75 100
110 34.3 0.0 74.2
77 29.4 0.0 63.2

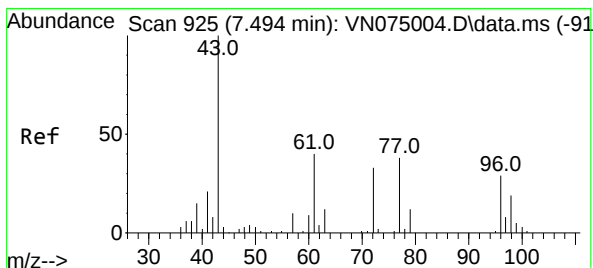
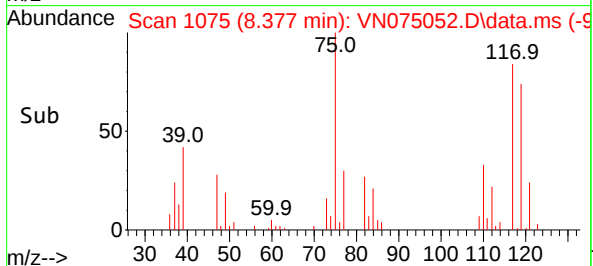
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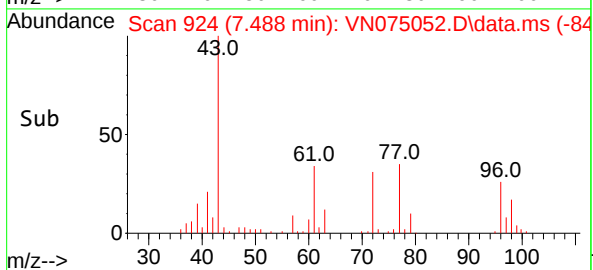
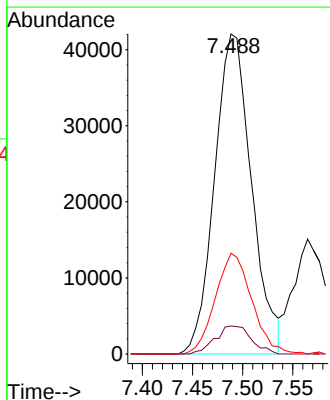
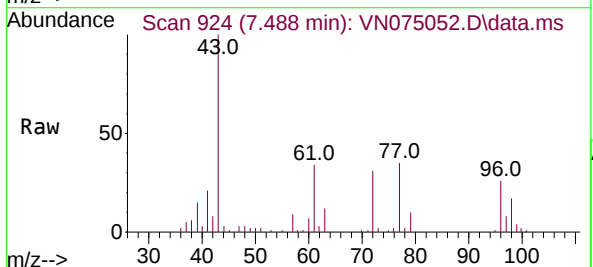
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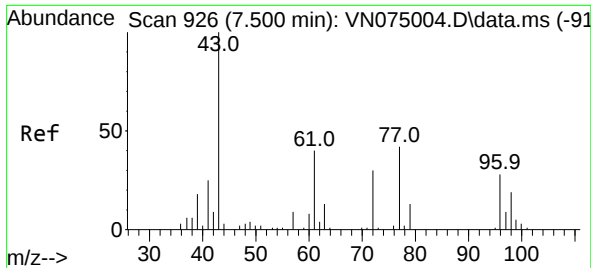
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#30
2-Butanone
Concen: 116.602 ug/l
RT: 7.488 min Scan# 924
Delta R.T. -0.006 min
Lab File: VN075052.D
Acq: 28 Oct 2022 10:25

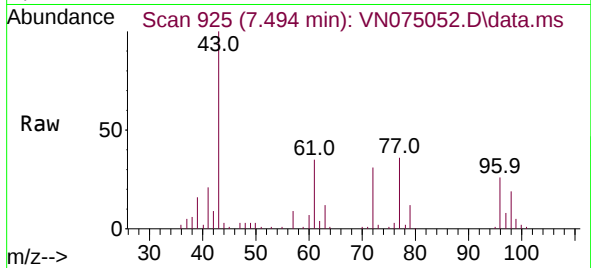
Tgt Ion: 43 Resp: 107835
Ion Ratio Lower Upper
43 100
57 8.5 6.7 10.1
72 31.0 23.2 34.8





#31
2,2-Dichloropropane
Concen: 21.939 ug/l
RT: 7.494 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN075052.D
Acq: 28 Oct 2022 10:25

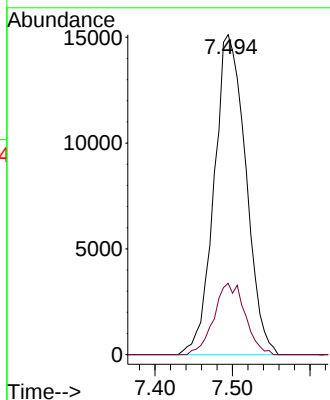
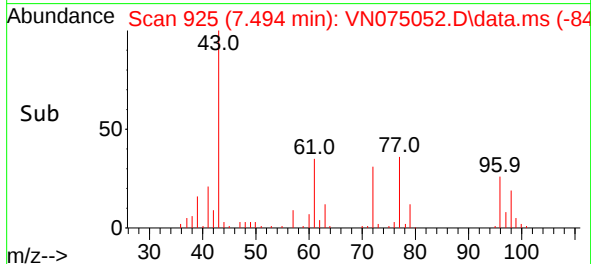
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 77 Resp: 42994
Ion Ratio Lower Upper
77 100
97 13.8 18.3 27.5

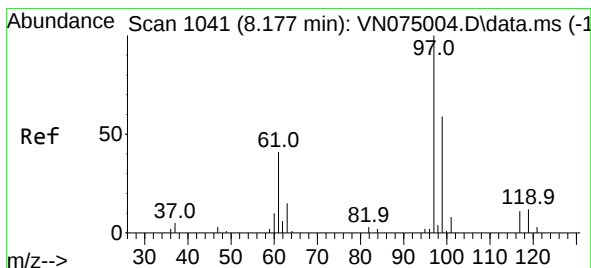
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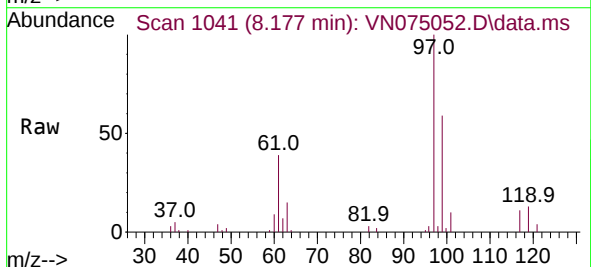


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Supervised By :Mahesh
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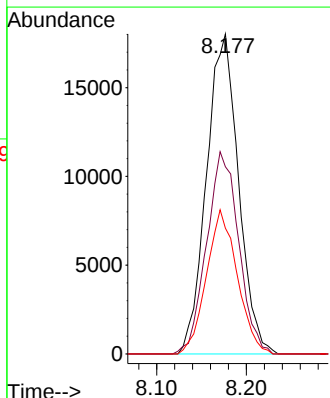
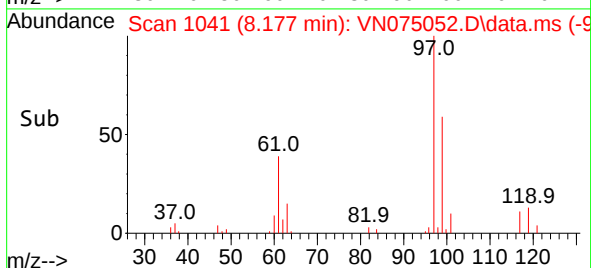
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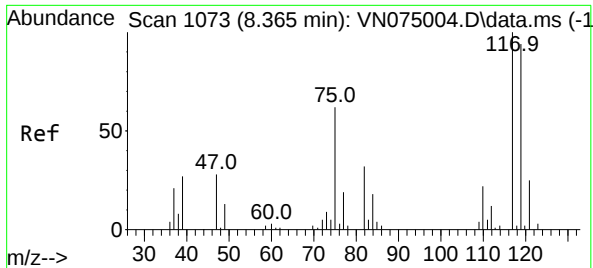


#32
1,1,1-Trichloroethane
Concen: 21.510 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VN075052.D
Acq: 28 Oct 2022 10:25



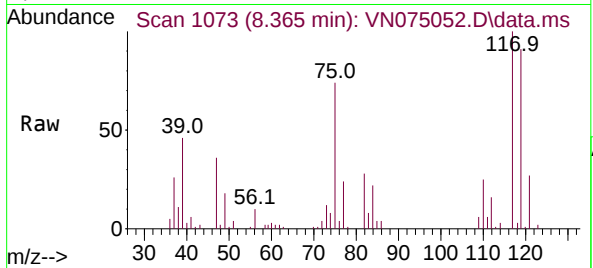
Tgt Ion: 97 Resp: 44693
Ion Ratio Lower Upper
97 100
99 63.3 50.4 75.6
61 43.4 34.6 51.8





#33
Carbon Tetrachloride
Concen: 20.685 ug/l
RT: 8.365 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VN075052.D
Acq: 28 Oct 2022 10:25

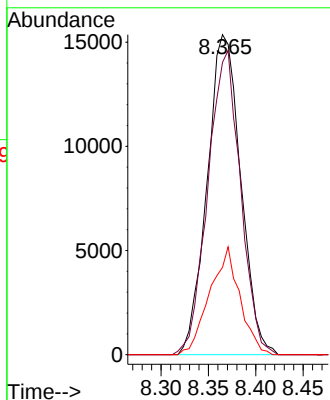
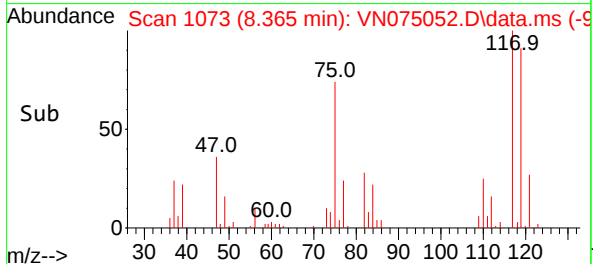
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:117 Resp: 37844
Ion Ratio Lower Upper
117 100
119 91.4 77.5 116.3
121 27.3 23.5 35.3

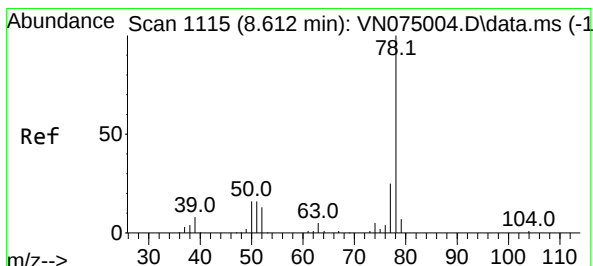
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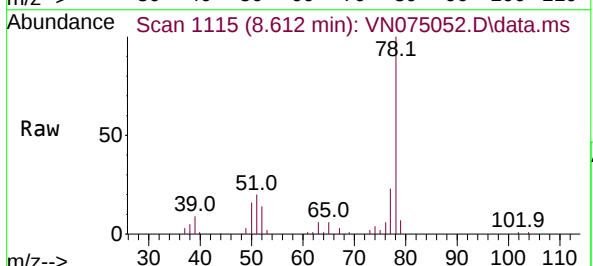


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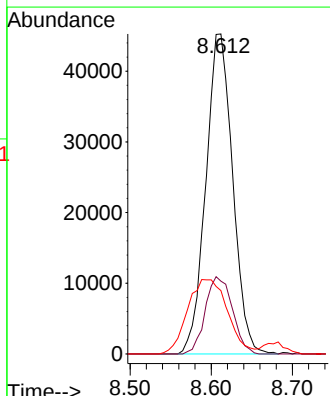
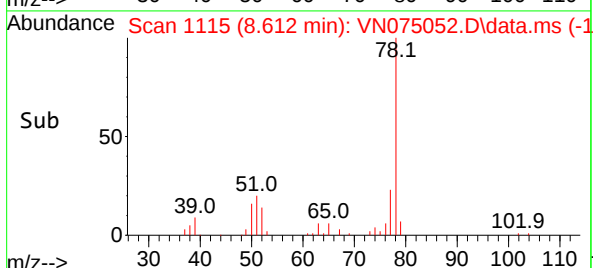
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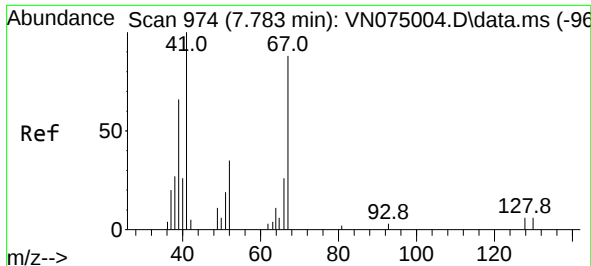


#34
Benzene
Concen: 21.251 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN075052.D
Acq: 28 Oct 2022 10:25



Tgt Ion: 78 Resp: 104226
Ion Ratio Lower Upper
78 100
77 22.7 19.1 28.7
51 16.1 16.0 24.0





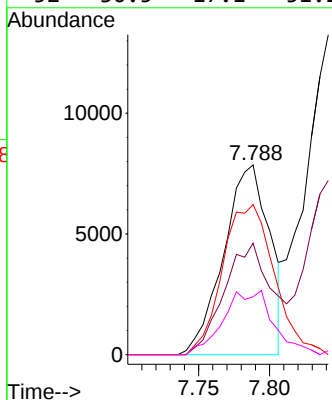
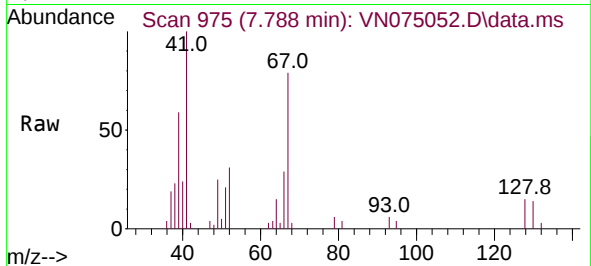
#35
Methacrylonitrile
Concen: 19.983 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075052.D
Acq: 28 Oct 2022 10:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 41 Resp: 1771
Ion Ratio Lower Upper
41 100
39 58.8 28.0 83.9
67 79.1 37.7 113.1
52 30.5 17.1 51.2

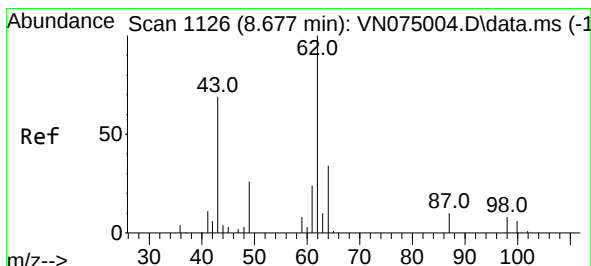
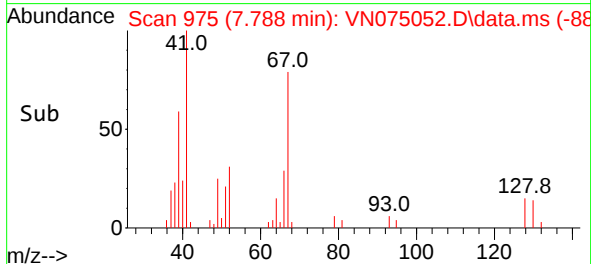
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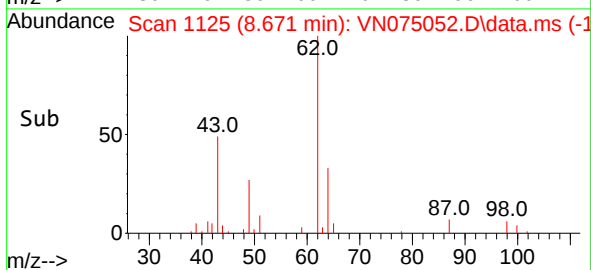
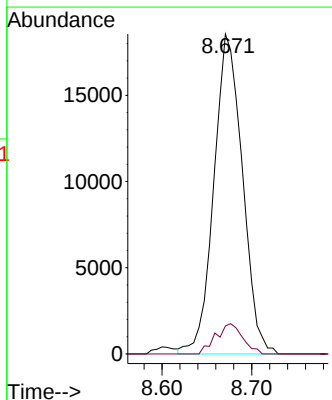
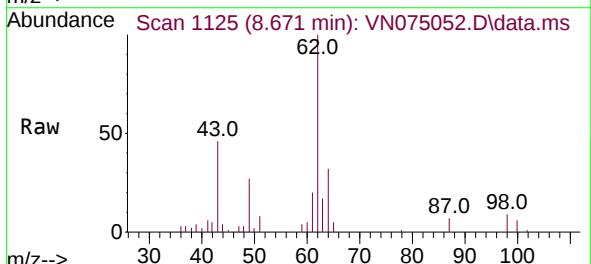
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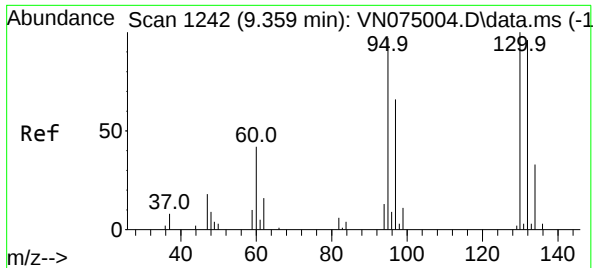
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#36
1,2-Dichloroethane
Concen: 22.543 ug/l
RT: 8.671 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN075052.D
Acq: 28 Oct 2022 10:25

Tgt Ion: 62 Resp: 40968
Ion Ratio Lower Upper
62 100
98 8.9 6.6 10.0





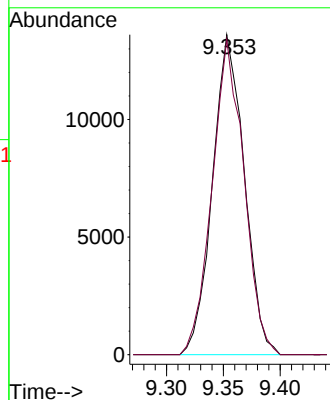
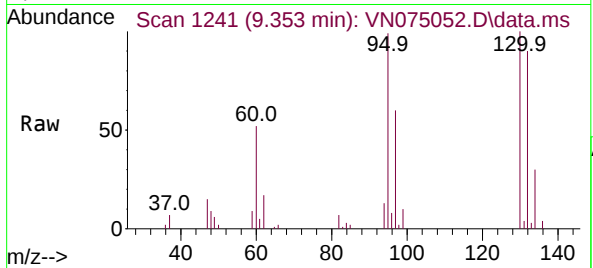
#37
Trichloroethene
Concen: 21.730 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. -0.006 min
Lab File: VN075052.D
Acq: 28 Oct 2022 10:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:130 Resp: 26484
Ion Ratio Lower Upper
130 100
95 98.5 76.6 115.0

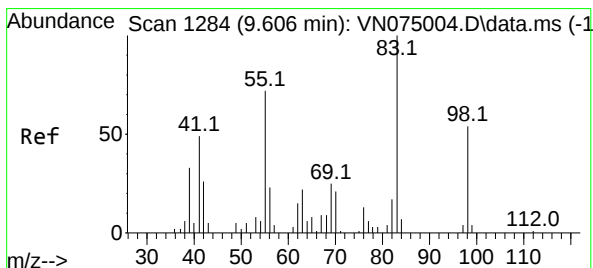
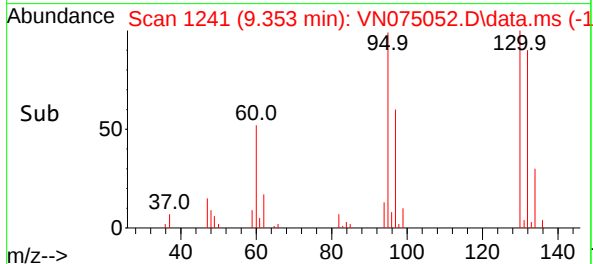
Manual Integrations
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Reviewed By :John
Carlone



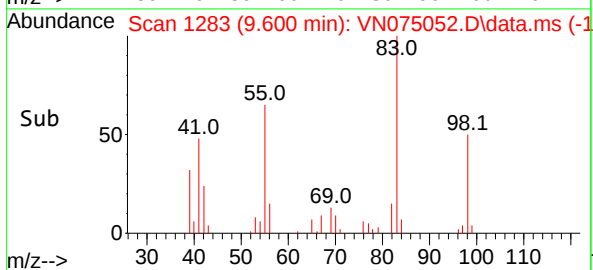
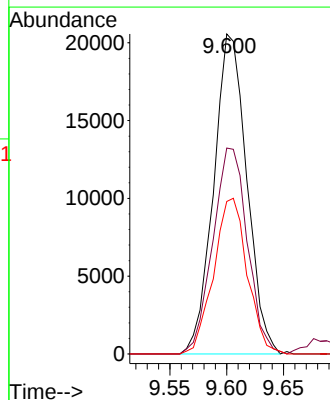
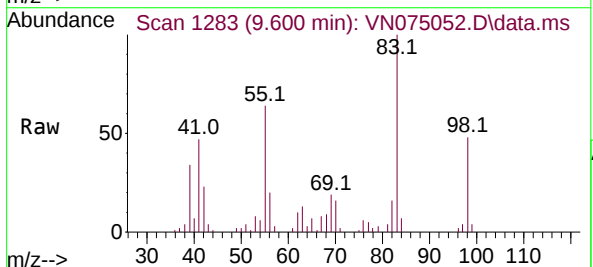
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Supervised By :Mahesh
Dadoda

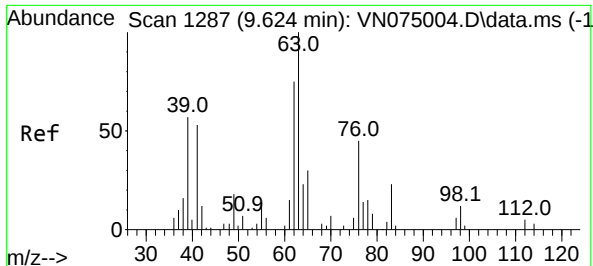
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#38
Methylcyclohexane
Concen: 20.984 ug/l
RT: 9.600 min Scan# 1283
Delta R.T. -0.006 min
Lab File: VN075052.D
Acq: 28 Oct 2022 10:25

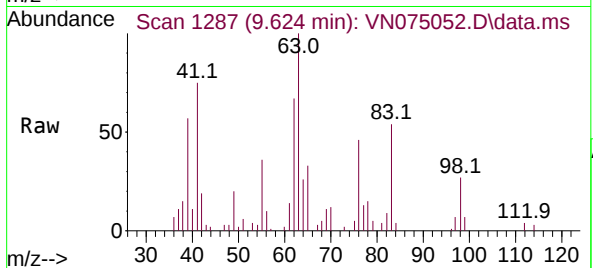
Tgt Ion: 83 Resp: 41740
Ion Ratio Lower Upper
83 100
55 67.2 35.1 105.3
98 49.4 23.4 70.2





#39
1,2-Dichloropropane
Concen: 21.682 ug/l
RT: 9.624 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075052.D
Acq: 28 Oct 2022 10:25

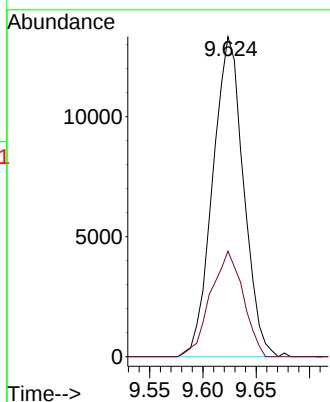
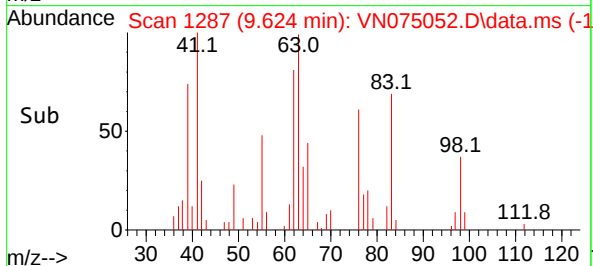
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 63 Resp: 26770
Ion Ratio Lower Upper
63 100
65 33.0 24.2 36.4

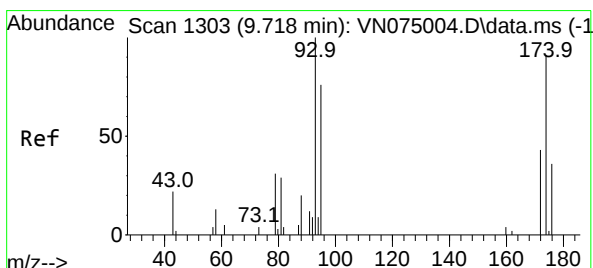
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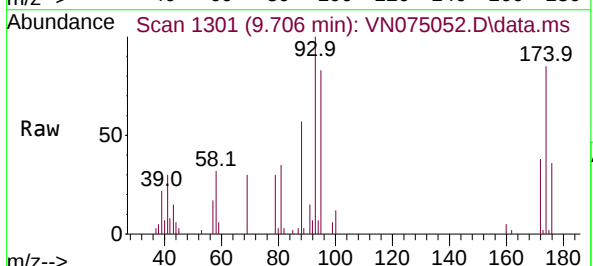


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Supervised By :Mahesh
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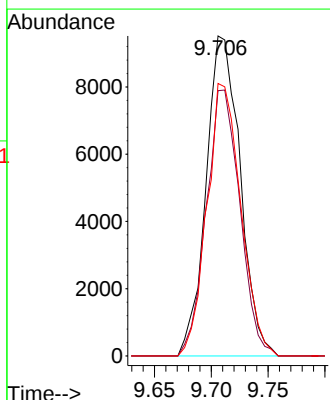
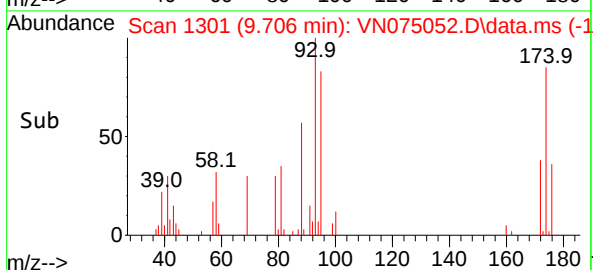
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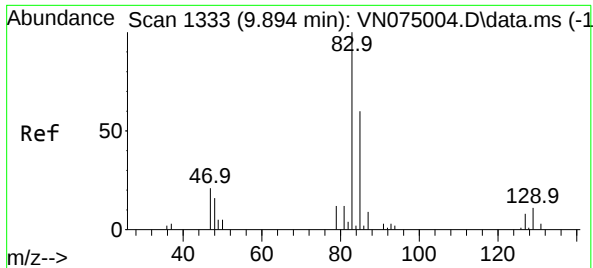


#40
Dibromomethane
Concen: 21.191 ug/l
RT: 9.706 min Scan# 1301
Delta R.T. -0.012 min
Lab File: VN075052.D
Acq: 28 Oct 2022 10:25



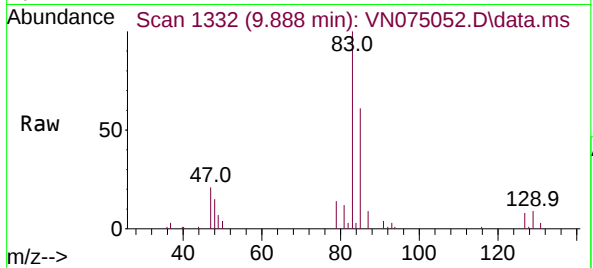
Tgt Ion: 93 Resp: 19850
Ion Ratio Lower Upper
93 100
95 82.0 0.0 168.8
174 84.5 0.0 173.6





#41
Bromodichloromethane
Concen: 22.020 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075052.D
Acq: 28 Oct 2022 10:25

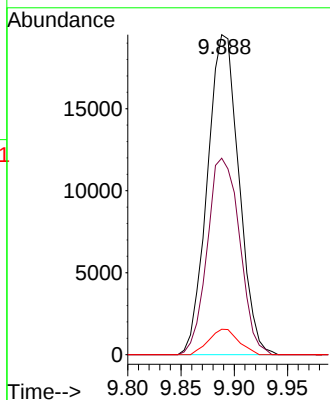
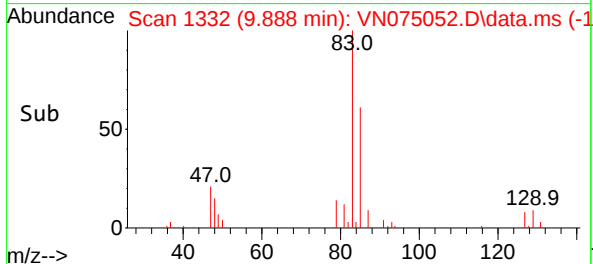
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 83 Resp: 40158
Ion Ratio Lower Upper
83 100
85 61.4 54.1 81.1
127 8.0 7.6 11.4

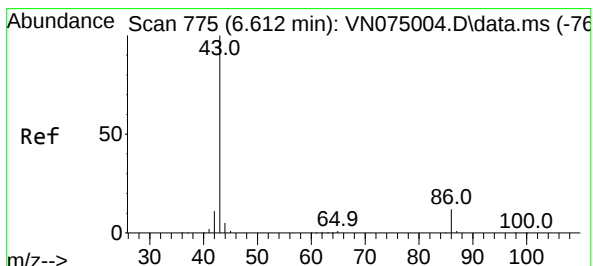
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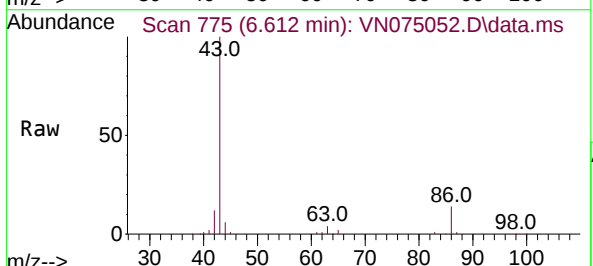


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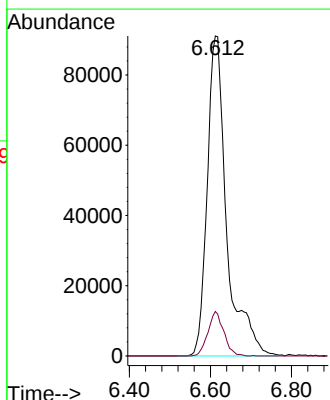
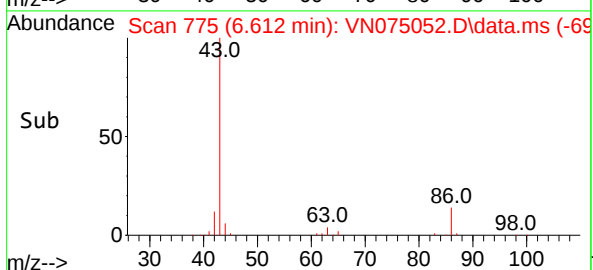
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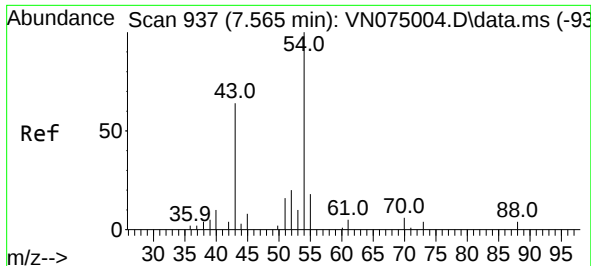


#42
Vinyl Acetate
Concen: 116.476 ug/l m
RT: 6.612 min Scan# 775
Delta R.T. -0.000 min
Lab File: VN075052.D
Acq: 28 Oct 2022 10:25



Tgt Ion: 43 Resp: 303416
Ion Ratio Lower Upper
43 100
86 11.3 7.5 11.3





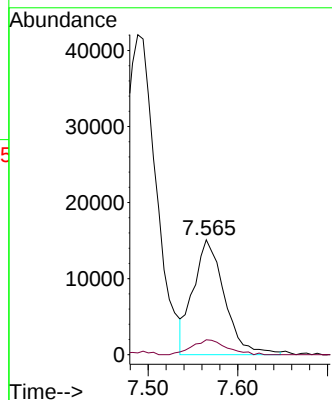
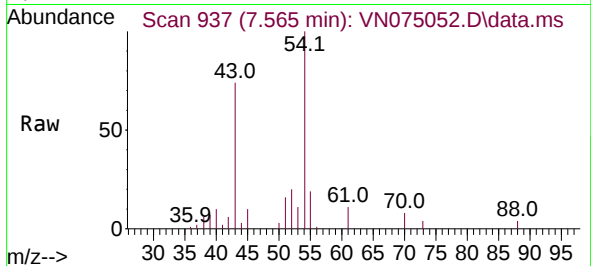
#43
Ethyl Acetate
Concen: 19.972 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075052.D
Acq: 28 Oct 2022 10:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 43 Resp: 3650
Ion Ratio Lower Upper
43 100
45 14.0 10.6 16.0

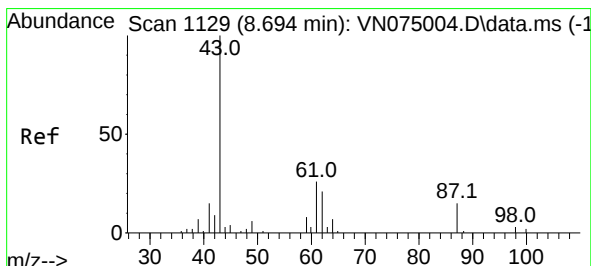
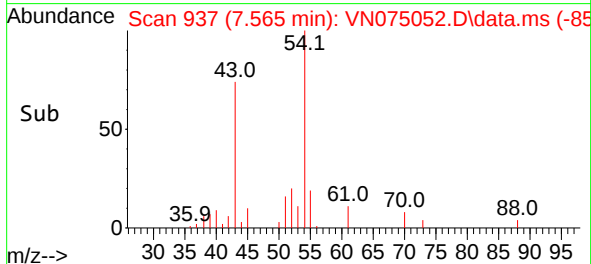
Manual Integrations
APPROVED

Reviewed By :John
Carlone



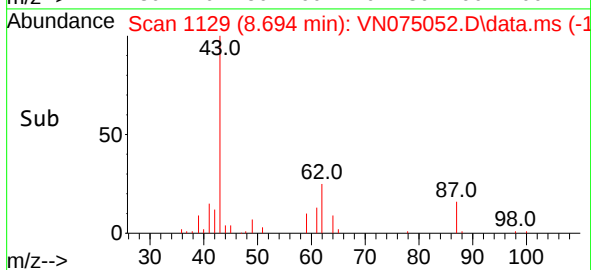
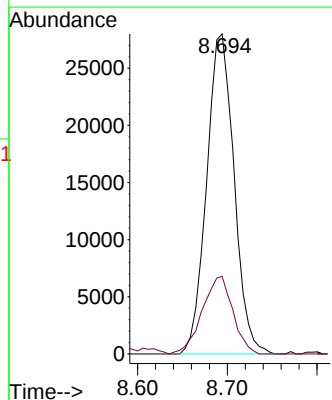
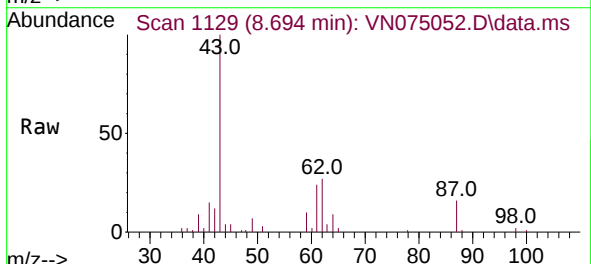
10/31/2022
Supervised By :Mahesh
Dadoda

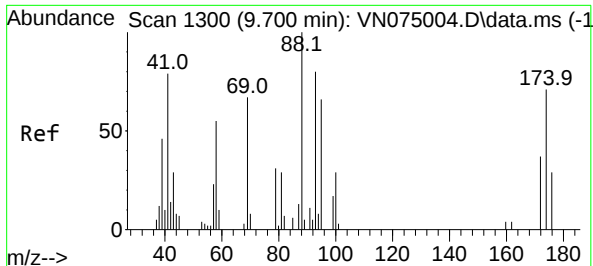
10/31/2022



#44
Isopropyl Acetate
Concen: 20.306 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VN075052.D
Acq: 28 Oct 2022 10:25

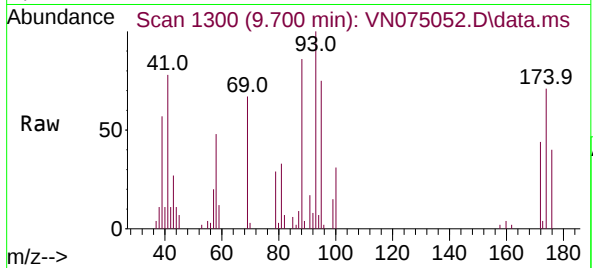
Tgt Ion: 43 Resp: 59531
Ion Ratio Lower Upper
43 100
61 27.0 20.1 30.1





#45
1,4-Dioxane
Concen: 365.167 ug/l
RT: 9.700 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN075052.D
Acq: 28 Oct 2022 10:25

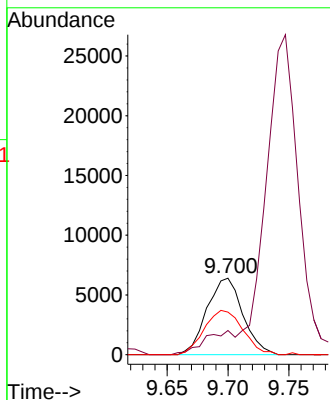
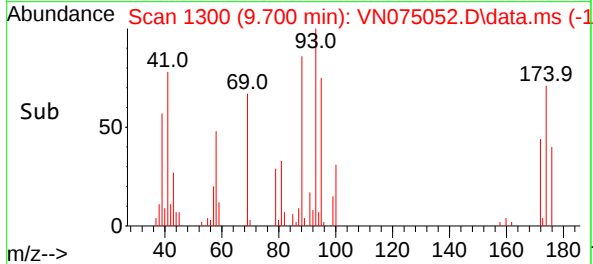
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 88 Resp: 1317
Ion Ratio Lower Upper
88 100
43 8.5 25.0 37.6
58 62.0 49.4 74.2

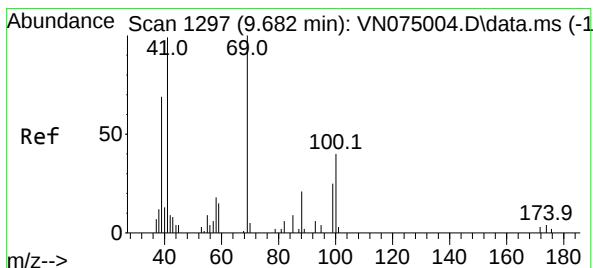
Manual Integrations
APPROVED

Reviewed By :John
Carlone



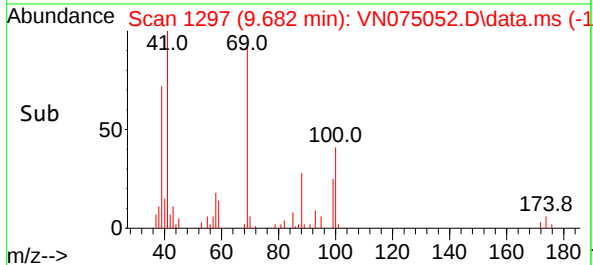
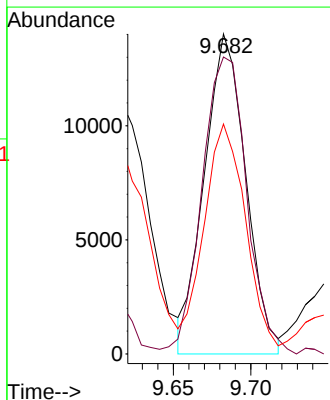
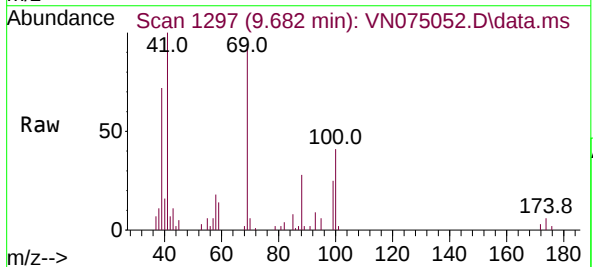
10/31/2022
Supervised By :Mahesh
Dadoda

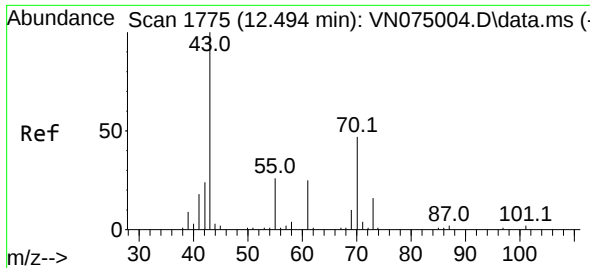
10/31/2022



#46
Methyl methacrylate
Concen: 19.780 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. -0.000 min
Lab File: VN075052.D
Acq: 28 Oct 2022 10:25

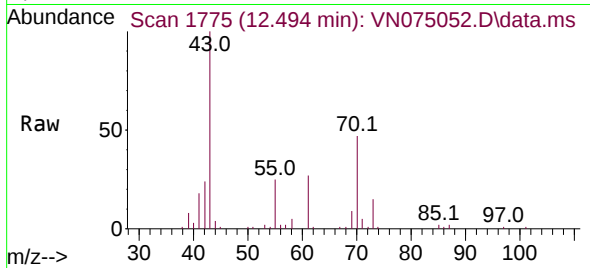
Tgt Ion: 41 Resp: 26014
Ion Ratio Lower Upper
41 100
69 92.7 44.4 133.2
39 72.8 39.9 119.6





#47
n-amyl acetate
Concen: 19.728 ug/l
RT: 12.494 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075052.D
Acq: 28 Oct 2022 10:25

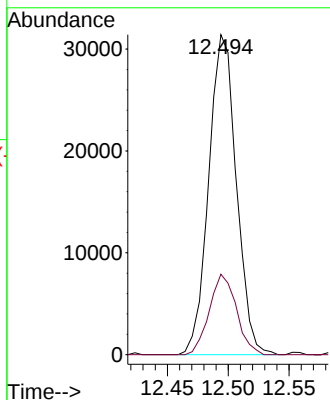
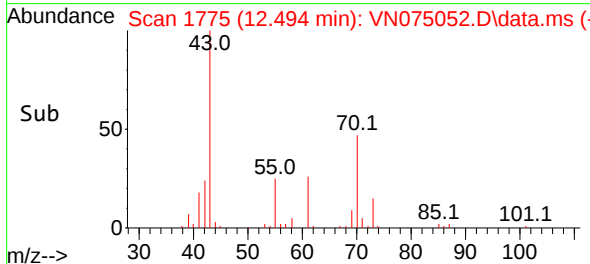
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 43 Resp: 4968
Ion Ratio Lower Upper
43 100
55 24.7 19.0 28.6

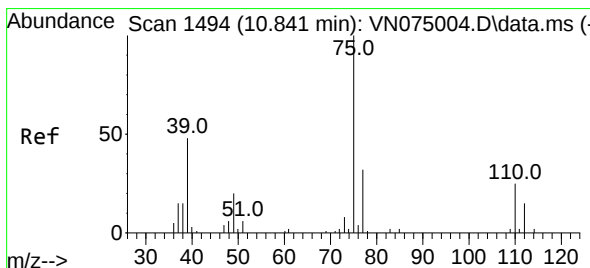
Manual Integrations
APPROVED

Reviewed By :John
Carlone

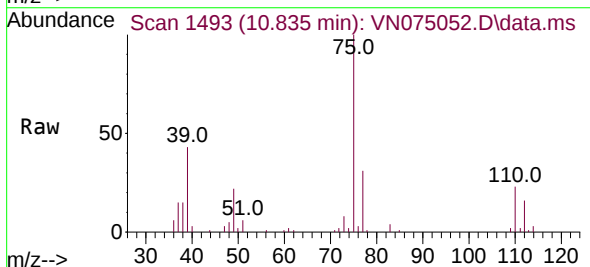


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Supervised By :Mahesh
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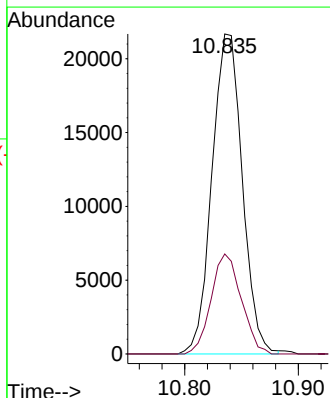
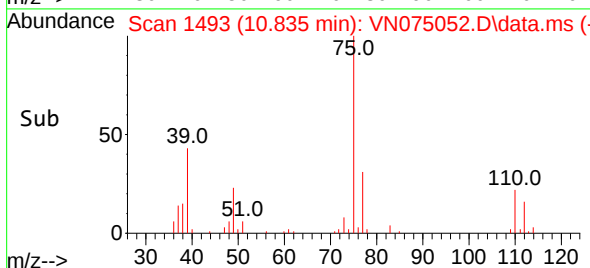
10/31/2022

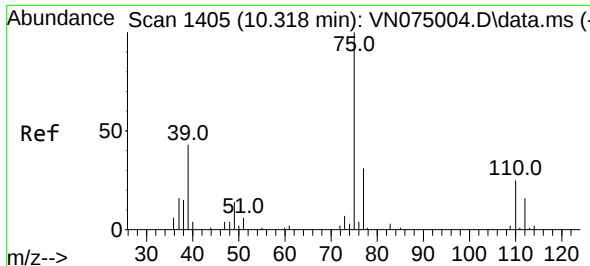


#48
t-1,3-Dichloropropene
Concen: 20.174 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VN075052.D
Acq: 28 Oct 2022 10:25



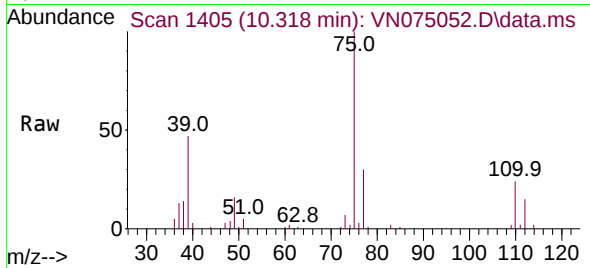
Tgt Ion: 75 Resp: 40195
Ion Ratio Lower Upper
75 100
77 31.2 25.3 37.9





#49
cis-1,3-Dichloropropene
Concen: 20.614 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. -0.000 min
Lab File: VN075052.D
Acq: 28 Oct 2022 10:25

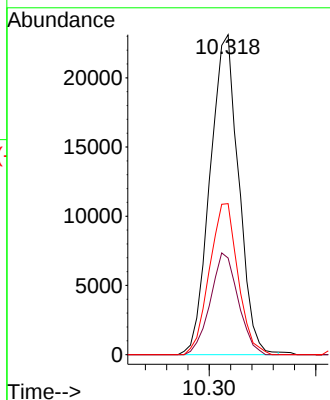
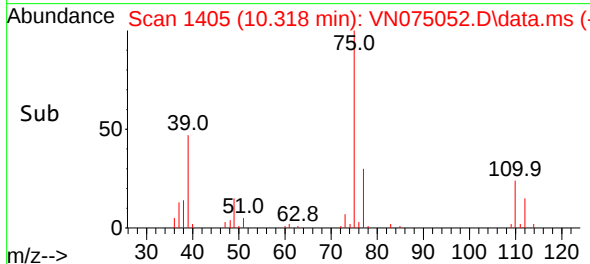
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 75 Resp: 4316
Ion Ratio Lower Upper
75 100
77 30.2 25.3 37.9
39 47.2 46.2 69.4

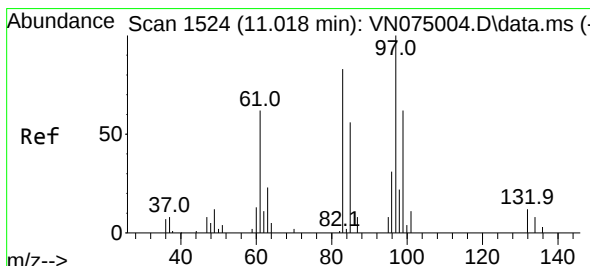
Manual Integrations
APPROVED

Reviewed By :John
Carlone



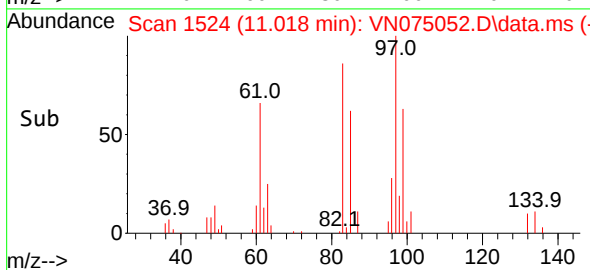
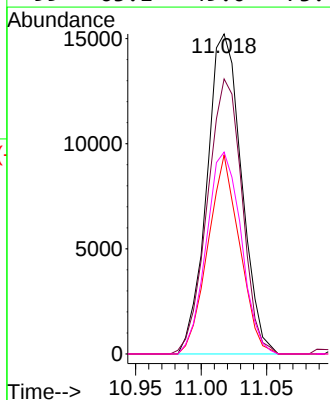
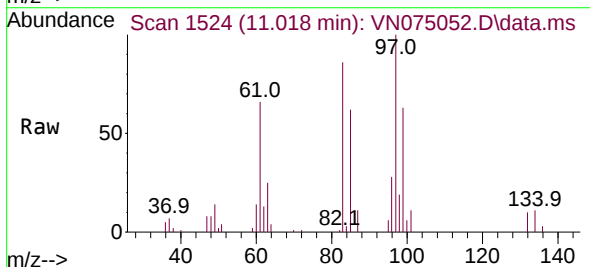
10/31/2022
Supervised By :Mahesh
Dadoda

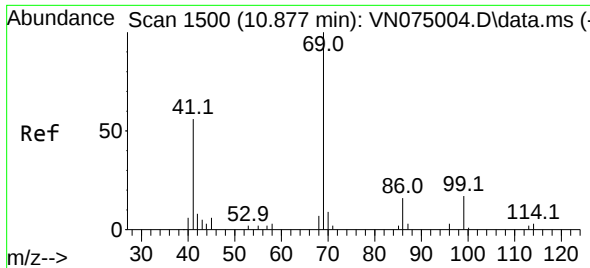
10/31/2022



#50
1,1,2-Trichloroethane
Concen: 20.417 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN075052.D
Acq: 28 Oct 2022 10:25

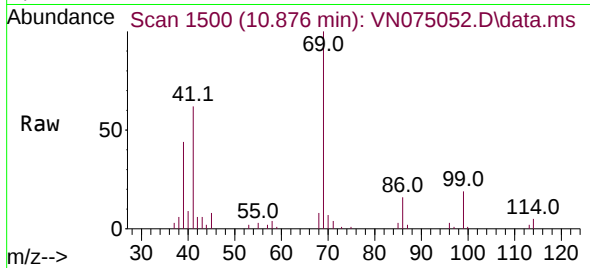
Tgt Ion: 97 Resp: 28019
Ion Ratio Lower Upper
97 100
83 86.0 67.2 100.8
85 62.2 43.0 64.4
99 63.1 49.0 73.4





#51
Ethyl methacrylate
Concen: 19.967 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN075052.D
Acq: 28 Oct 2022 10:25

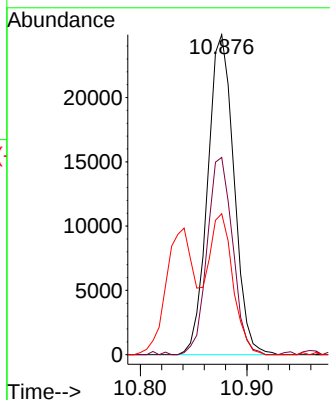
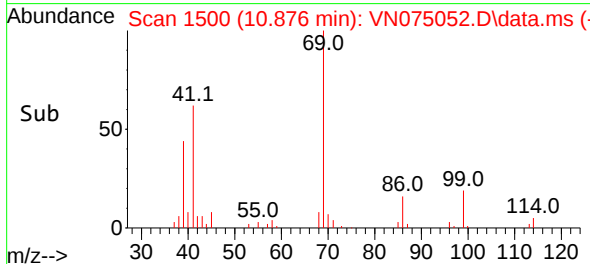
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 69 Resp: 4269
Ion Ratio Lower Upper
69 100
41 61.7 33.0 98.9
39 44.0 25.4 76.4

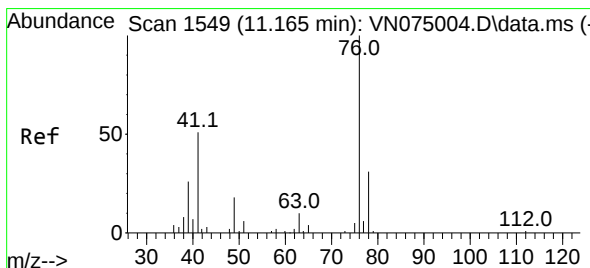
Manual Integrations
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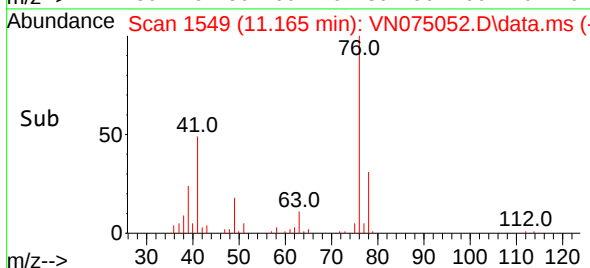
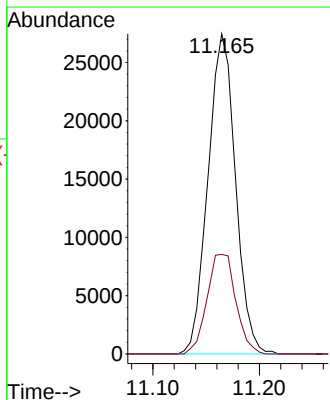
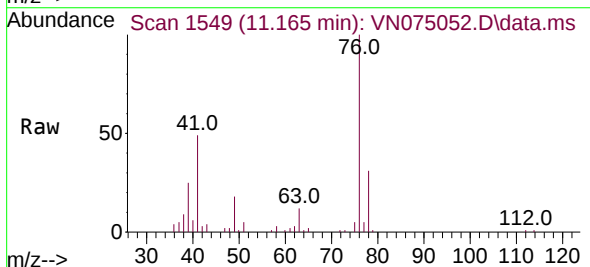
10/31/2022
Supervised By :Mahesh
Dadoda

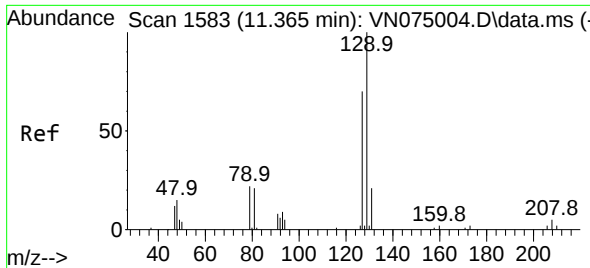
10/31/2022



#52
1,3-Dichloropropane
Concen: 21.473 ug/l
RT: 11.165 min Scan# 1549
Delta R.T. -0.000 min
Lab File: VN075052.D
Acq: 28 Oct 2022 10:25

Tgt Ion: 76 Resp: 49286
Ion Ratio Lower Upper
76 100
78 32.6 0.0 65.4





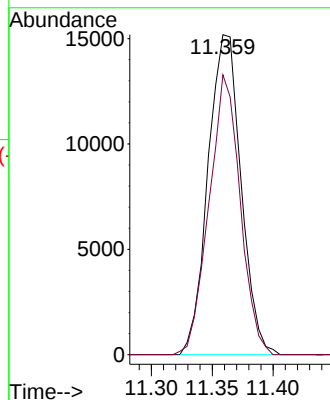
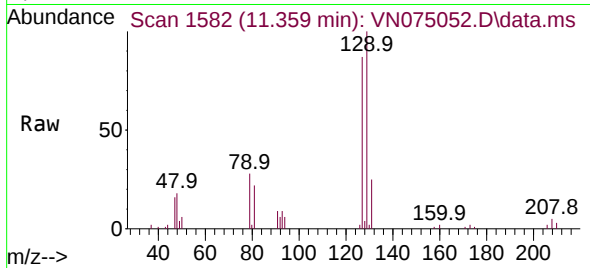
#53
Dibromochloromethane
Concen: 19.273 ug/l
RT: 11.359 min Scan# 1135
Delta R.T. -0.006 min
Lab File: VN075052.D
Acq: 28 Oct 2022 10:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:129 Resp: 28608
Ion Ratio Lower Upper
129 100
127 82.4 39.0 117.0

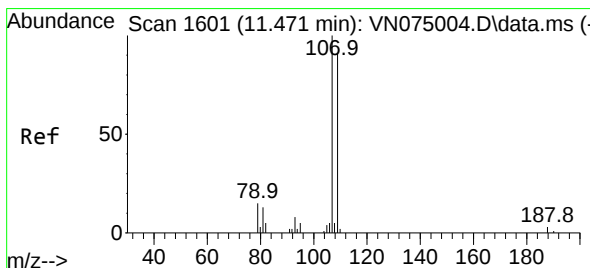
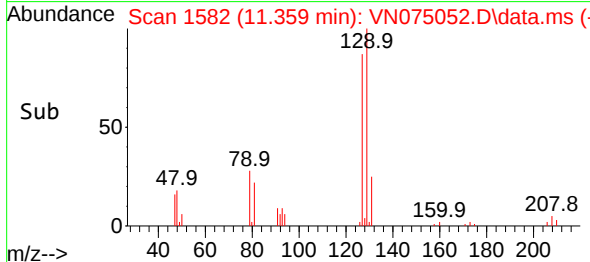
Manual Integrations
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Reviewed By :John
Carlone



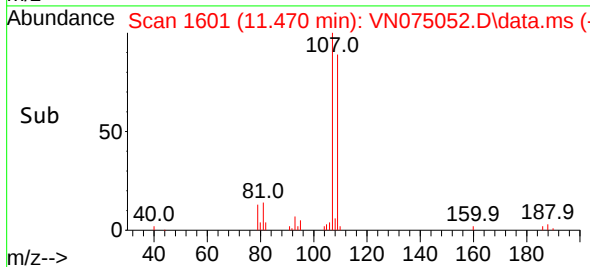
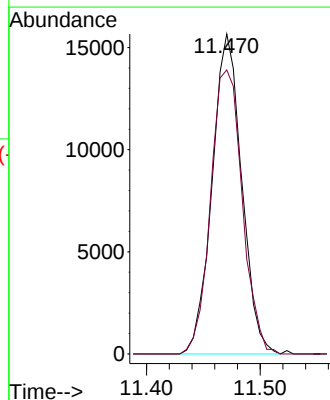
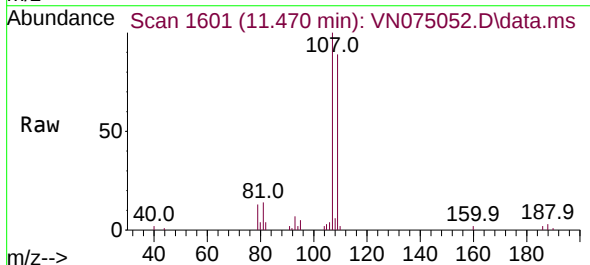
10/31/2022
Supervised By :Mahesh
Dadoda

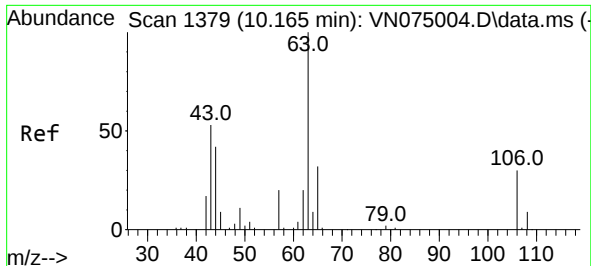
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#54
1,2-Dibromoethane
Concen: 19.924 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075052.D
Acq: 28 Oct 2022 10:25

Tgt Ion:107 Resp: 28289
Ion Ratio Lower Upper
107 100
109 95.2 72.8 109.2





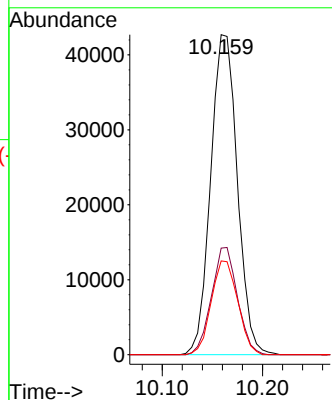
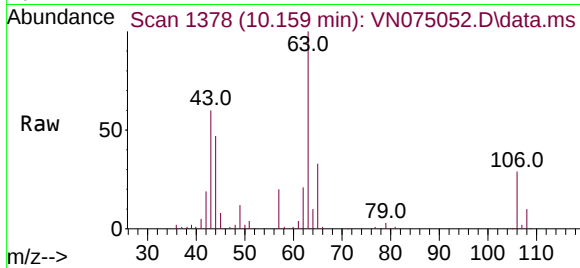
#55
2-Chloroethyl vinyl ether
Concen: 90.414 ug/l
RT: 10.159 min Scan# 1378
Delta R.T. -0.006 min
Lab File: VN075052.D
Acq: 28 Oct 2022 10:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 7898
Ion Ratio Lower Upper
63 100
65 32.5 25.4 38.0
106 29.1 23.2 34.8

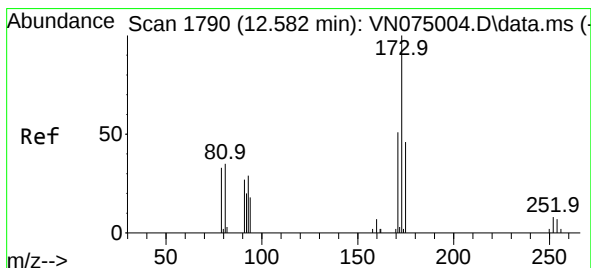
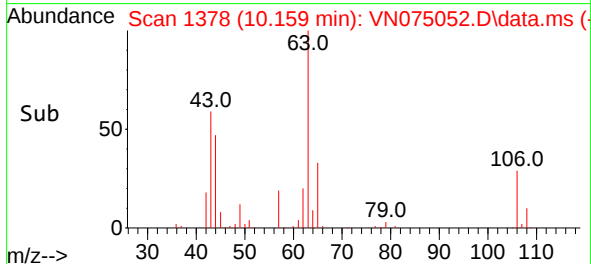
Manual Integrations
APPROVED

Reviewed By :John
Carlone



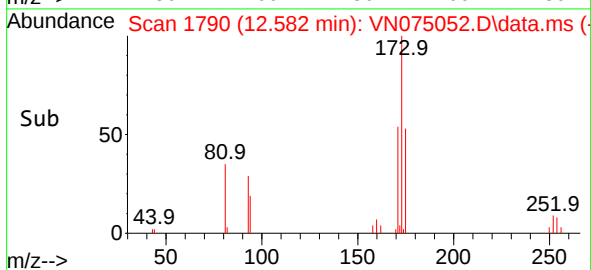
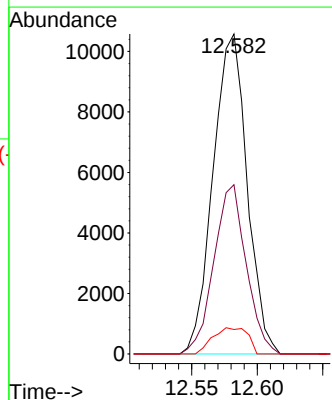
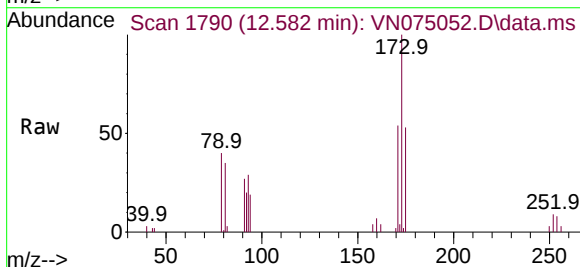
10/31/2022
Supervised By :Mahesh
Dadoda

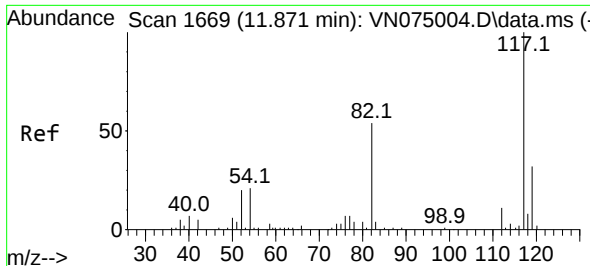
10/31/2022



#56
Bromoform
Concen: 17.520 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VN075052.D
Acq: 28 Oct 2022 10:25

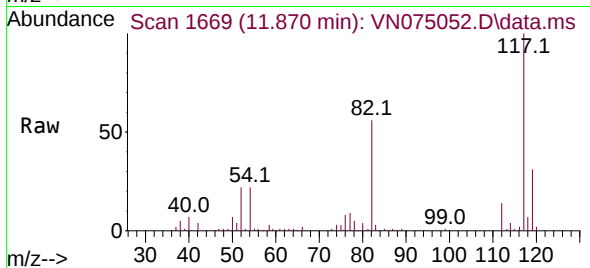
Tgt Ion:173 Resp: 19093
Ion Ratio Lower Upper
173 100
175 50.2 38.6 58.0
254 8.4 0.0 0.0#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VN075052.D
Acq: 28 Oct 2022 10:25

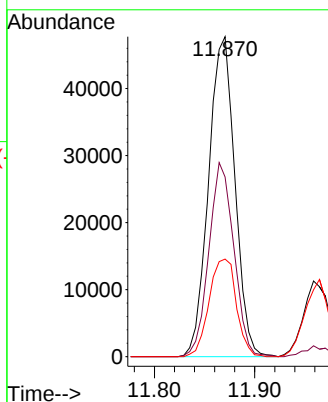
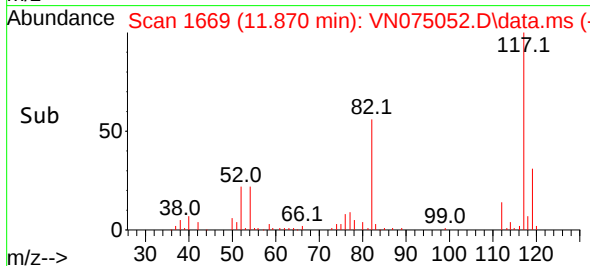
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:117 Resp: 87019
Ion Ratio Lower Upper
117 100
82 57.6 43.6 65.4
119 31.6 25.8 38.6

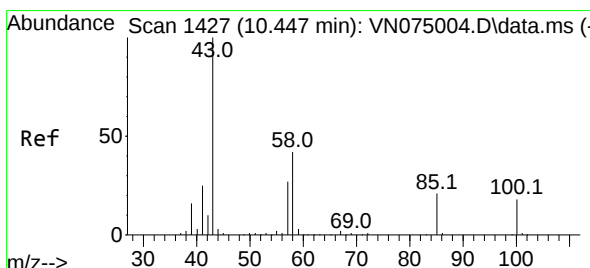
Manual Integrations
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Carlone

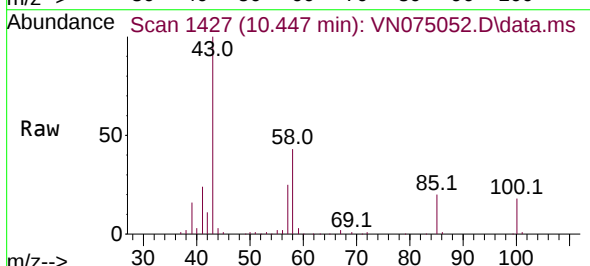


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Supervised By :Mahesh
Dadoda

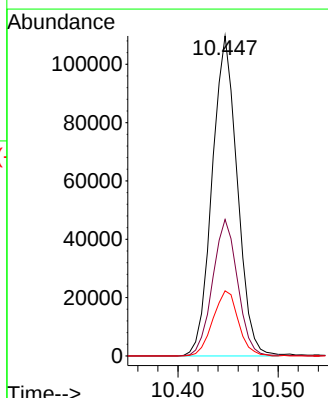
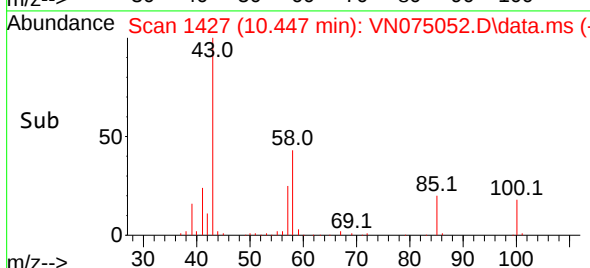
10/31/2022

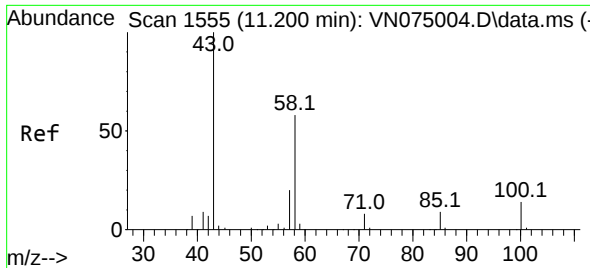


#58
4-Methyl-2-Pentanone
Concen: 101.831 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN075052.D
Acq: 28 Oct 2022 10:25



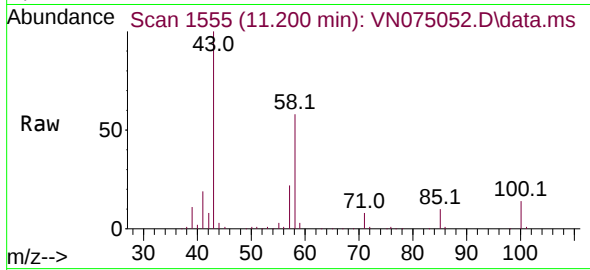
Tgt Ion: 43 Resp: 191136
Ion Ratio Lower Upper
43 100
58 42.4 30.0 45.0
85 20.6 15.0 22.6





#59
2-Hexanone
Concen: 109.535 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN075052.D
Acq: 28 Oct 2022 10:25

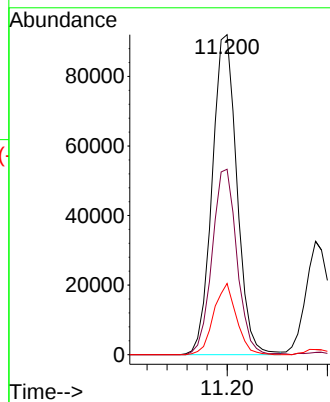
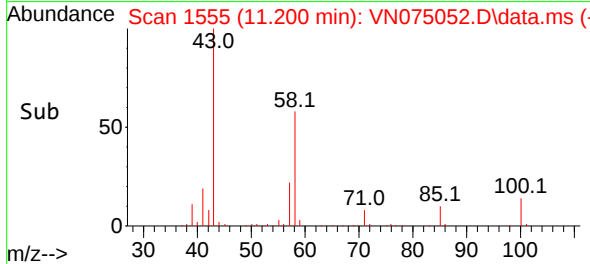
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 43 Resp: 157718
Ion Ratio Lower Upper
43 100
58 58.0 42.2 63.2
57 20.5 15.0 22.4

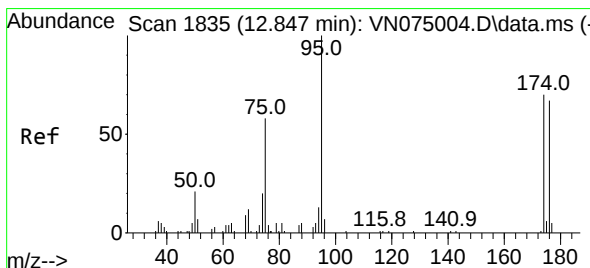
Manual Integrations
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Reviewed By :John
Carlone



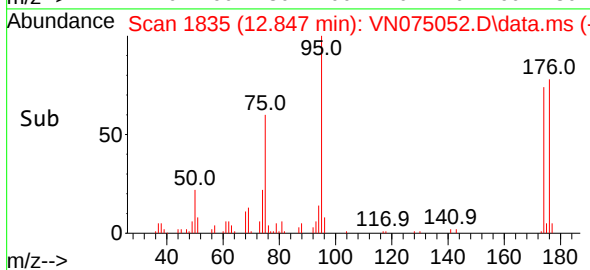
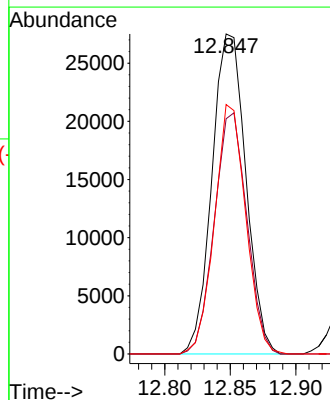
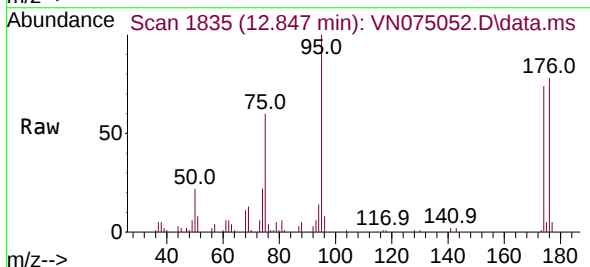
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Supervised By :Mahesh
Dadoda

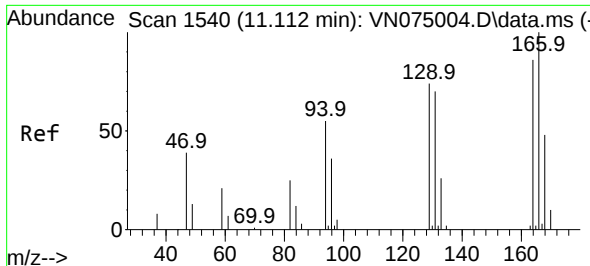
10/31/2022



#60
4-Bromofluorobenzene
Concen: 28.951 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.000 min
Lab File: VN075052.D
Acq: 28 Oct 2022 10:25

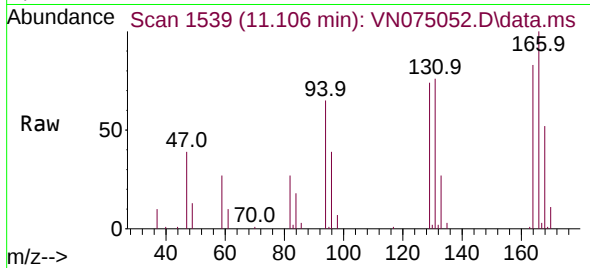
Tgt Ion: 95 Resp: 49500
Ion Ratio Lower Upper
95 100
174 72.3 62.9 94.3
176 71.7 61.0 91.4





#61
Tetrachloroethene
Concen: 24.008 ug/l
RT: 11.106 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075052.D
Acq: 28 Oct 2022 10:25

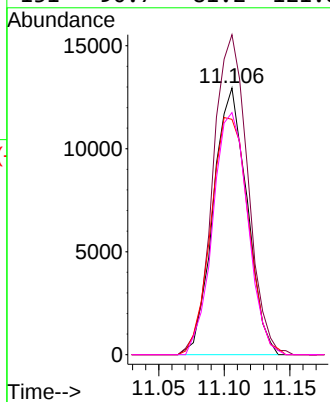
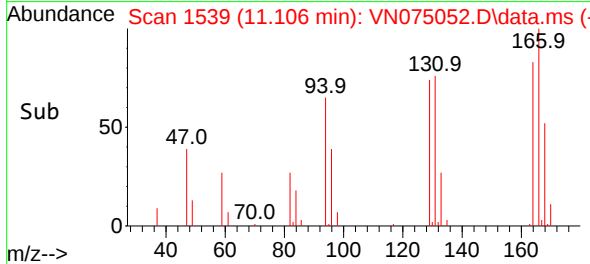
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:164 Resp: 23234
Ion Ratio Lower Upper
164 100
166 119.9 105.8 158.8
129 88.2 82.5 123.7
131 90.7 81.2 121.8

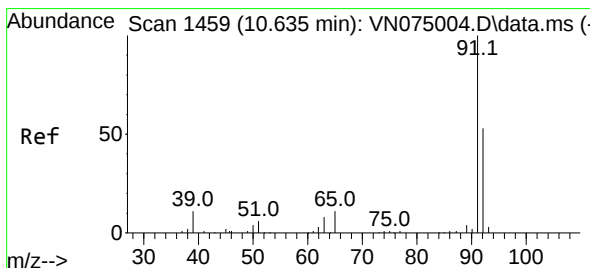
Manual Integrations
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Reviewed By :John
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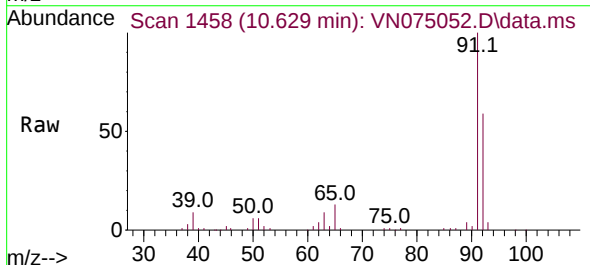


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Supervised By :Mahesh
Dadoda

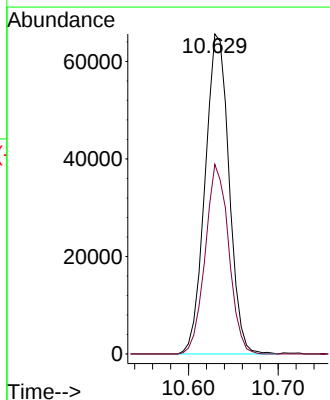
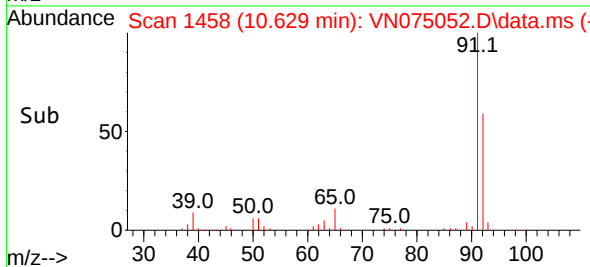
10/31/2022

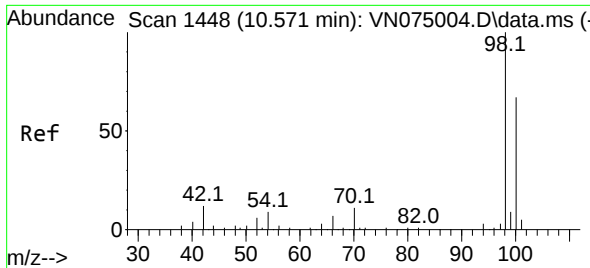


#62
Toluene
Concen: 21.616 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN075052.D
Acq: 28 Oct 2022 10:25



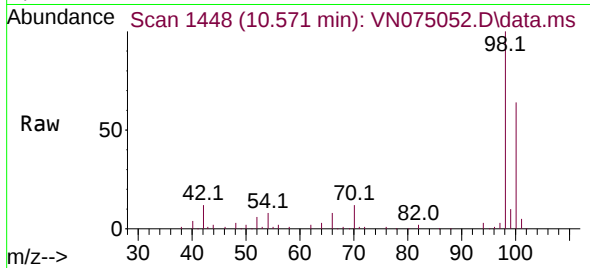
Tgt Ion: 91 Resp: 121782
Ion Ratio Lower Upper
91 100
92 58.0 44.6 67.0





#63
Toluene-d8
Concen: 30.555 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075052.D
Acq: 28 Oct 2022 10:25

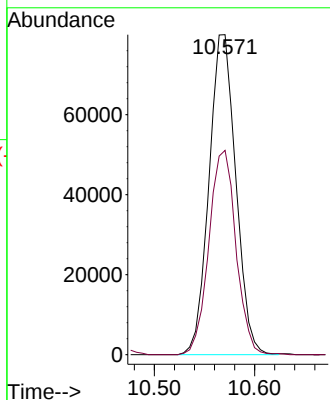
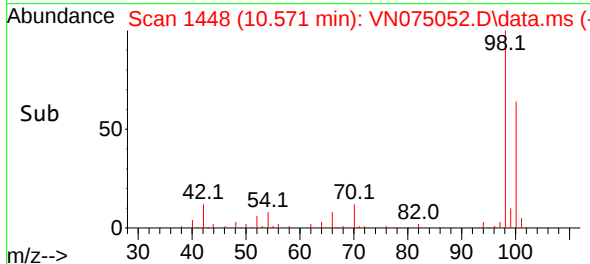
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 98 Resp: 14871
Ion Ratio Lower Upper
98 100
100 64.3 50.6 76.0

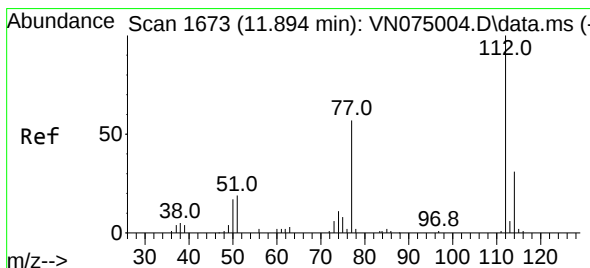
Manual Integrations
APPROVED

Reviewed By :John
Carlone



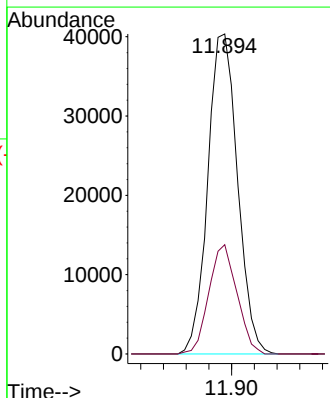
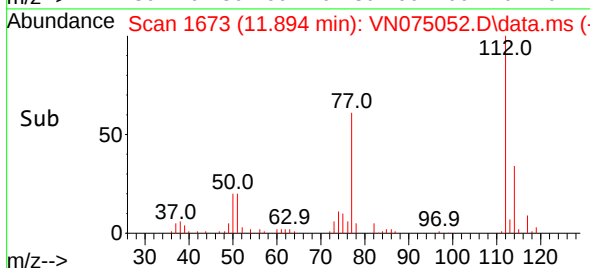
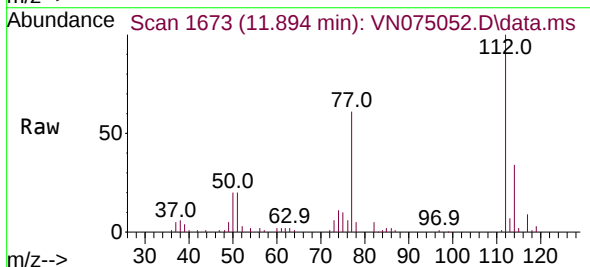
10/31/2022
Supervised By :Mahesh
Dadoda

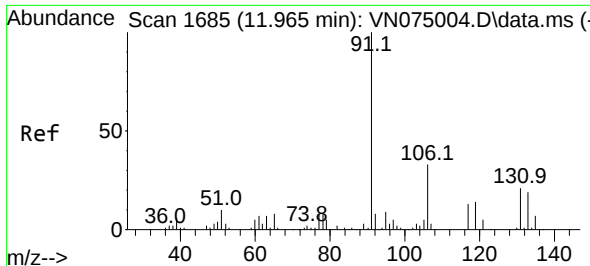
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#64
Chlorobenzene
Concen: 21.016 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN075052.D
Acq: 28 Oct 2022 10:25

Tgt Ion:112 Resp: 73375
Ion Ratio Lower Upper
112 100
114 34.1 25.8 38.6





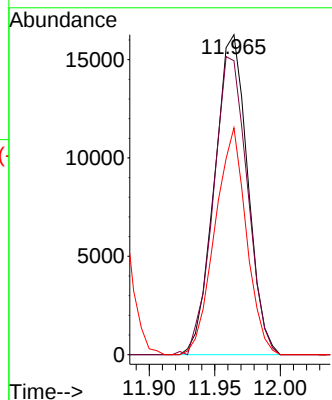
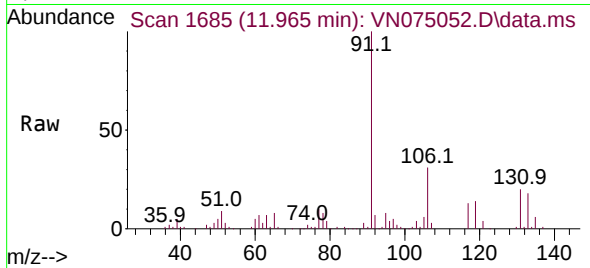
#65
1,1,1,2-Tetrachloroethane
Concen: 21.452 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075052.D
Acq: 28 Oct 2022 10:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:131 Resp: 2861
Ion Ratio Lower Upper
131 100
133 94.9 0.0 191.2
119 67.0 0.0 128.8

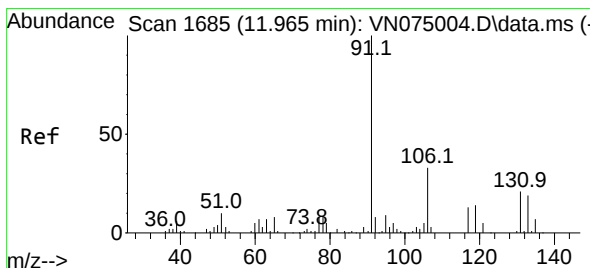
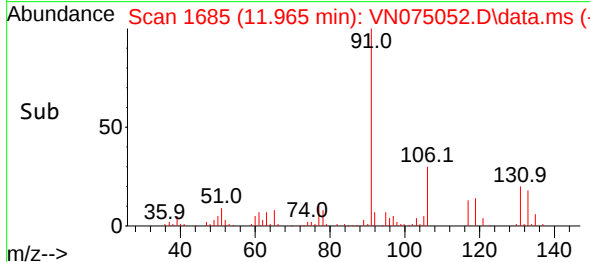
Manual Integrations
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Reviewed By :John
Carlone



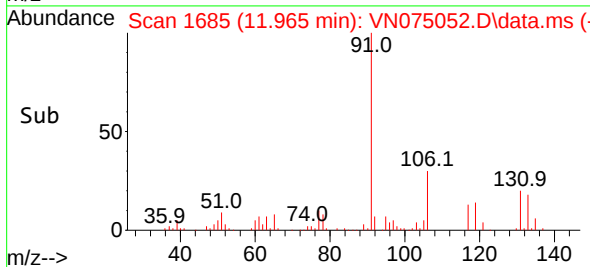
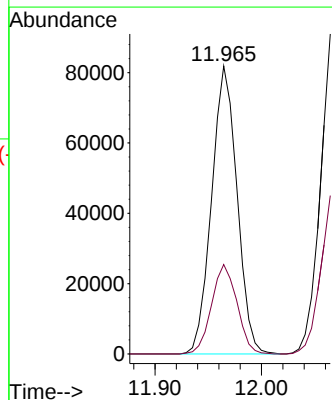
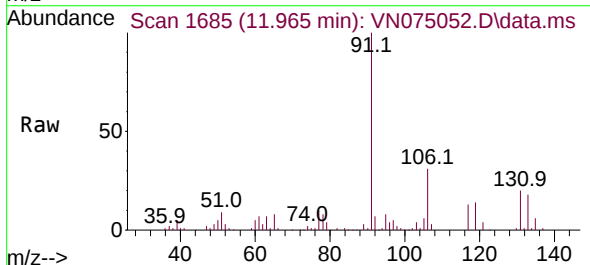
10/31/2022
Supervised By :Mahesh
Dadoda

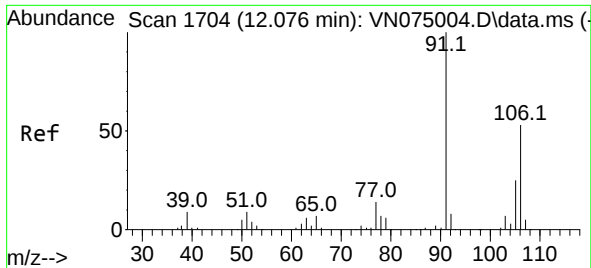
10/31/2022



#66
Ethyl Benzene
Concen: 21.362 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075052.D
Acq: 28 Oct 2022 10:25

Tgt Ion: 91 Resp: 135642
Ion Ratio Lower Upper
91 100
106 31.1 24.0 36.0





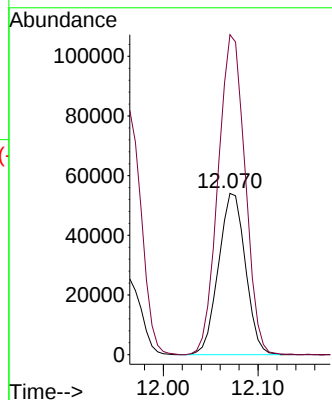
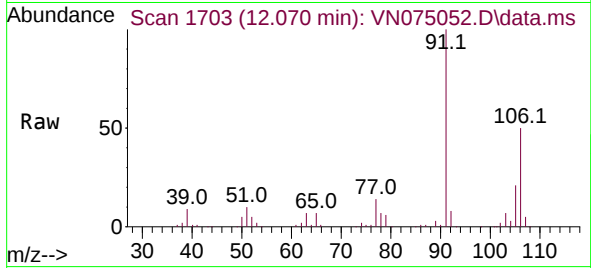
#67
m/p-Xylenes
Concen: 41.947 ug/l
RT: 12.070 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VN075052.D
Acq: 28 Oct 2022 10:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:106 Resp: 106818
Ion Ratio Lower Upper
106 100
91 199.1 162.9 244.3

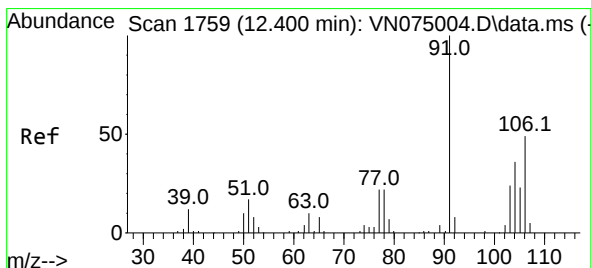
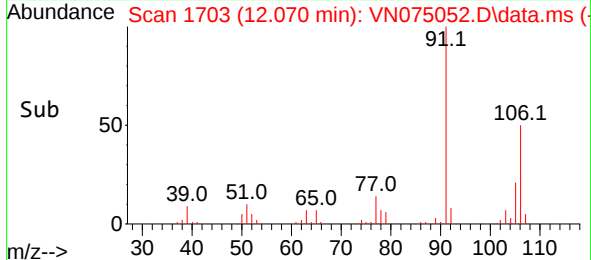
Manual Integrations
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Reviewed By :John
Carlone



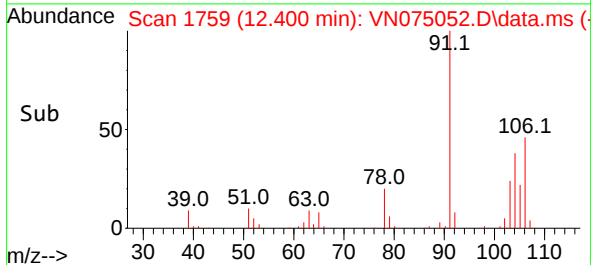
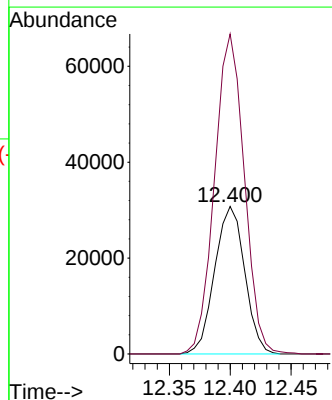
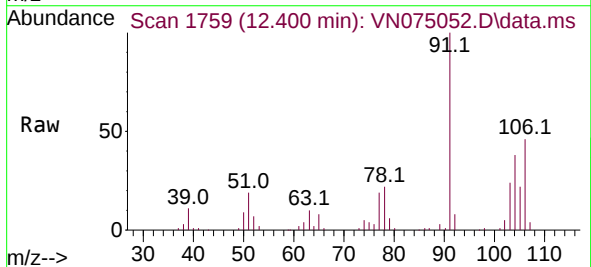
10/31/2022
Supervised By :Mahesh
Dadoda

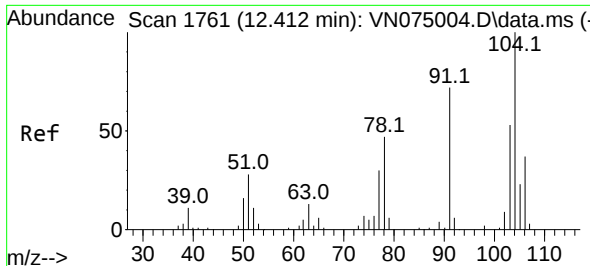
10/31/2022



#68
o-Xylene
Concen: 20.644 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075052.D
Acq: 28 Oct 2022 10:25

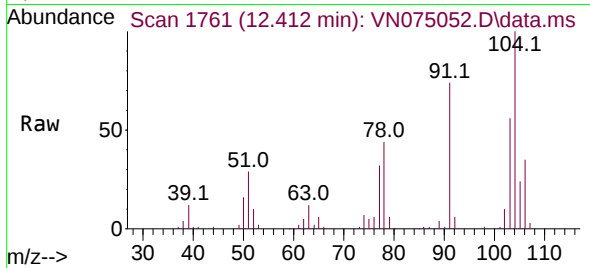
Tgt Ion:106 Resp: 52843
Ion Ratio Lower Upper
106 100
91 214.9 107.7 323.1





#69
Styrene
Concen: 20.232 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075052.D
Acq: 28 Oct 2022 10:25

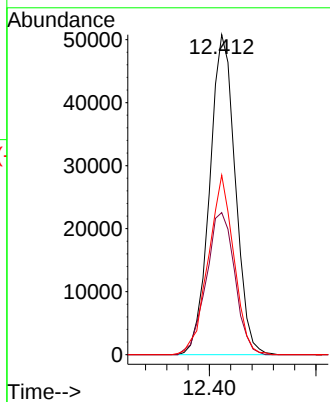
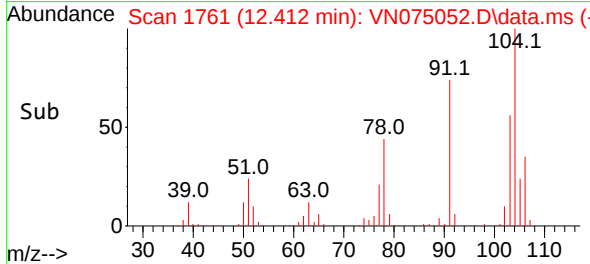
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:104 Resp: 8469
Ion Ratio Lower Upper
104 100
78 49.6 40.7 61.1
103 56.2 45.8 68.8

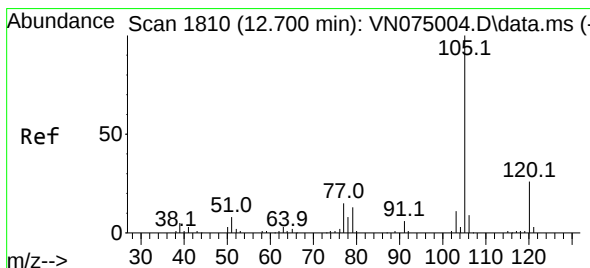
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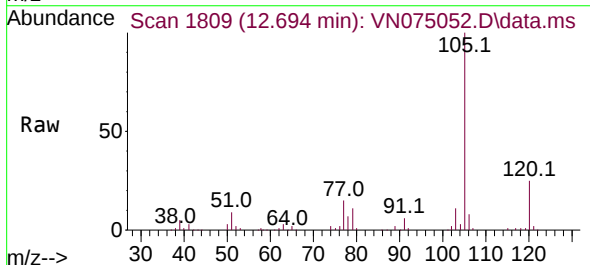


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Supervised By :Mahesh
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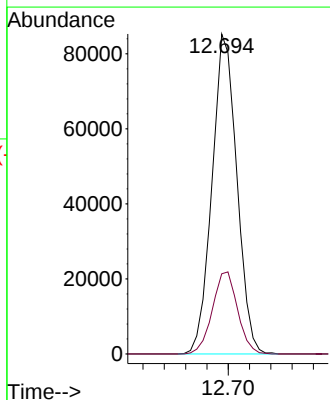
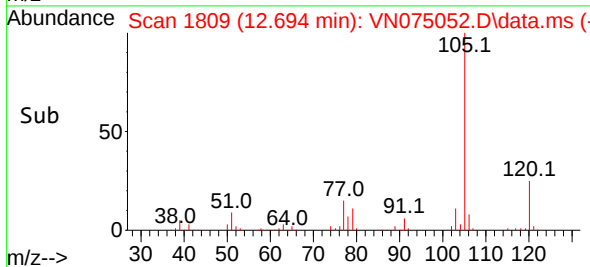
10/31/2022

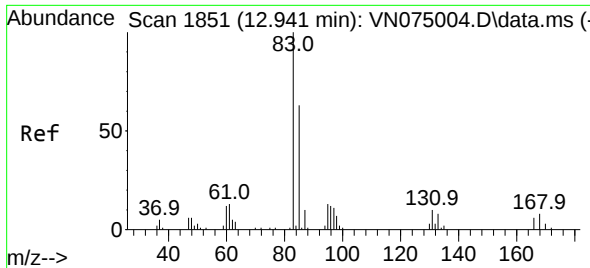


#70
Isopropylbenzene
Concen: 20.702 ug/l
RT: 12.694 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VN075052.D
Acq: 28 Oct 2022 10:25



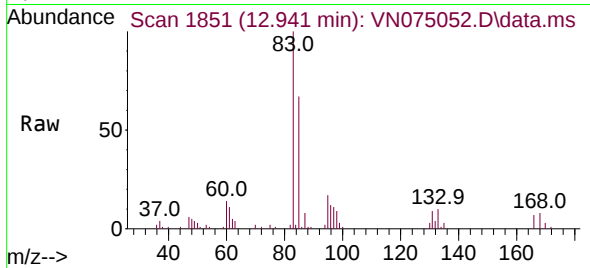
Tgt Ion:105 Resp: 138069
Ion Ratio Lower Upper
105 100
120 26.1 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 20.225 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN075052.D
Acq: 28 Oct 2022 10:25

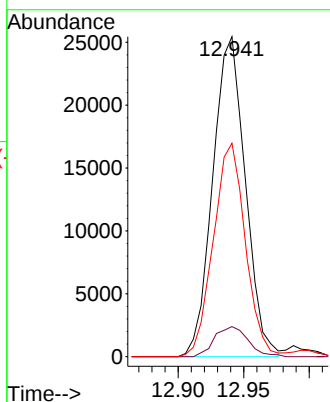
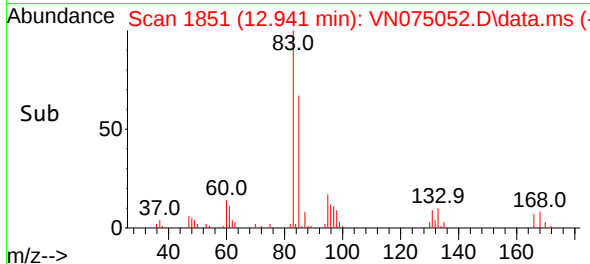
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 83 Resp: 43940
Ion Ratio Lower Upper
83 100
131 9.7 5.1 15.3
85 65.4 33.1 99.2

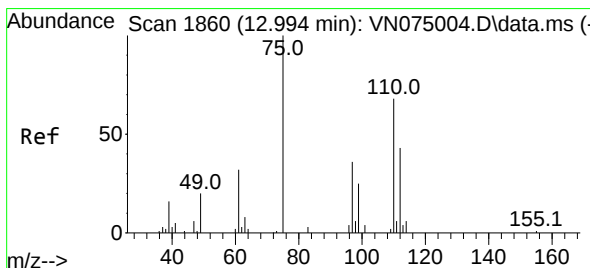
Manual Integrations
APPROVED

Reviewed By :John
Carlone



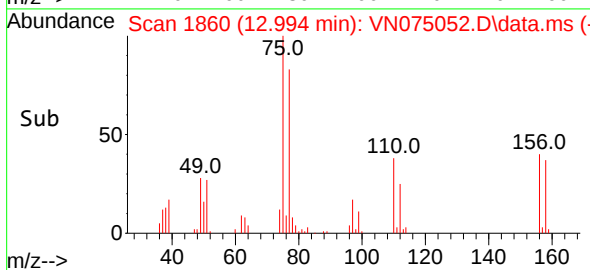
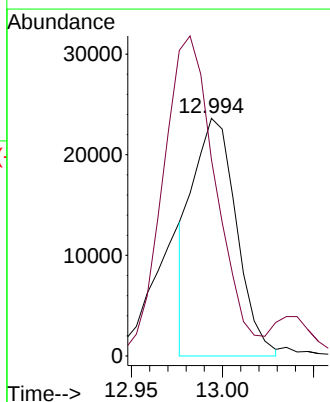
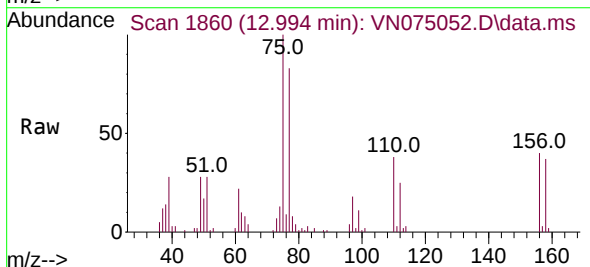
10/31/2022
Supervised By :Mahesh
Dadoda

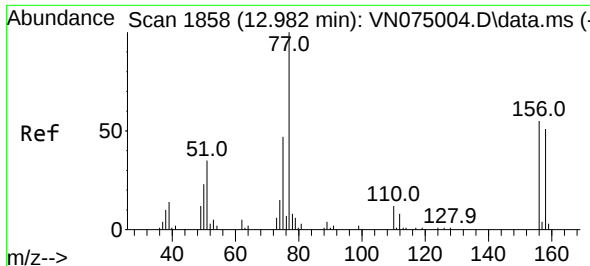
10/31/2022



#72
1,2,3-Trichloropropane
Concen: 20.037 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN075052.D
Acq: 28 Oct 2022 10:25

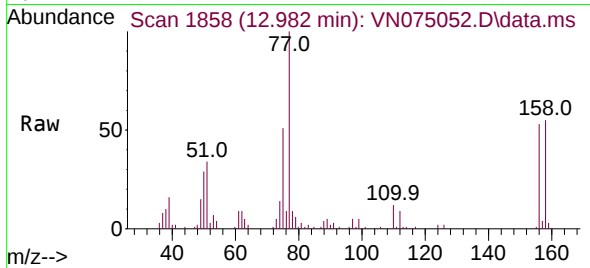
Tgt Ion: 75 Resp: 39529
Ion Ratio Lower Upper
75 100
77 164.0 0.0 378.0





#73
Bromobenzene
Concen: 19.713 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN075052.D
Acq: 28 Oct 2022 10:25

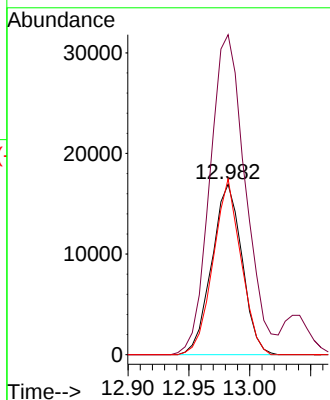
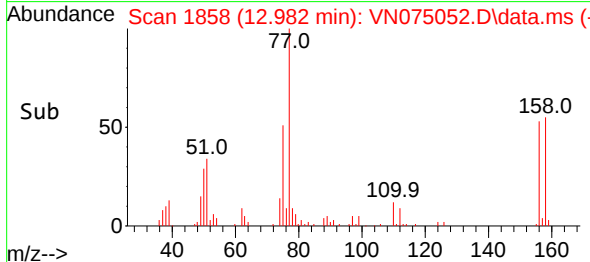
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:156 Resp: 29264
Ion Ratio Lower Upper
156 100
77 221.5 0.0 416.0
158 95.2 0.0 195.4

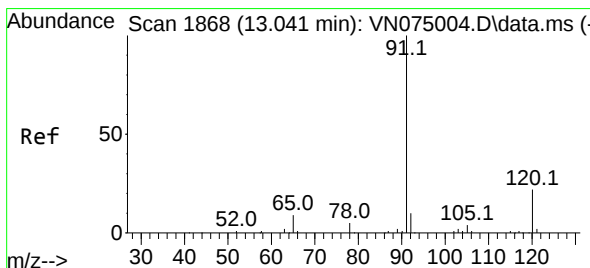
Manual Integrations
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Reviewed By :John
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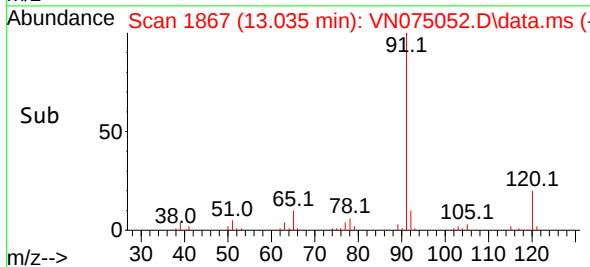
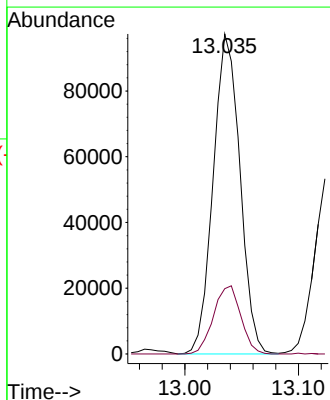
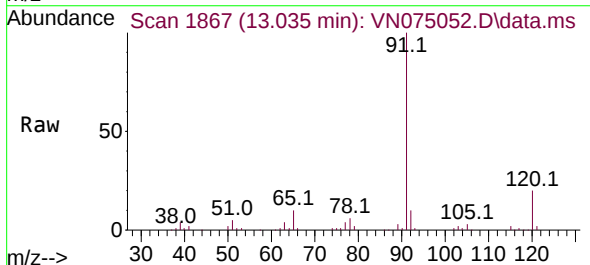
10/31/2022
Supervised By :Mahesh
Dadoda

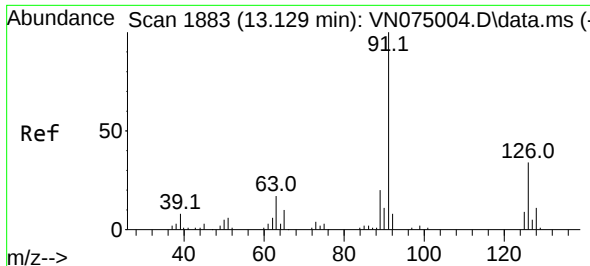
10/31/2022



#74
n-propylbenzene
Concen: 21.339 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN075052.D
Acq: 28 Oct 2022 10:25

Tgt Ion: 91 Resp: 159375
Ion Ratio Lower Upper
91 100
120 21.7 0.0 45.0





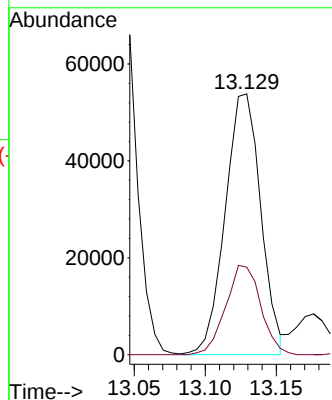
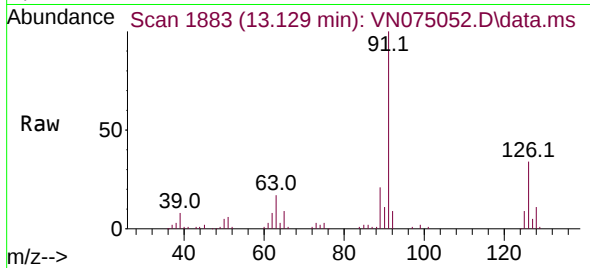
#75
2-Chlorotoluene
Concen: 20.677 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN075052.D
Acq: 28 Oct 2022 10:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 91 Resp: 93979
Ion Ratio Lower Upper
91 100
126 33.7 0.0 69.8

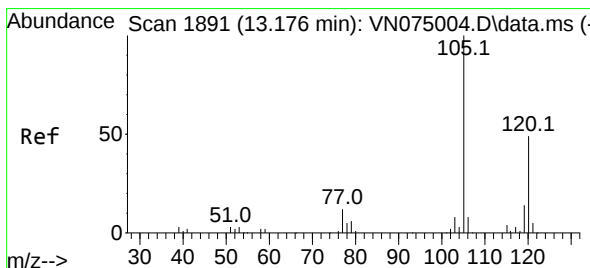
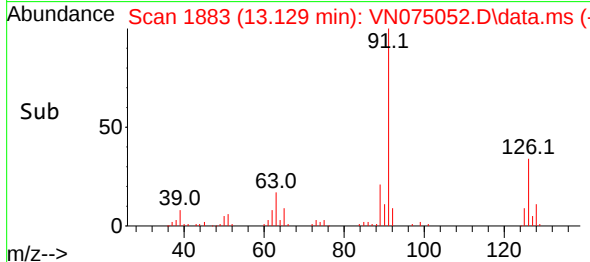
Manual Integrations
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Reviewed By :John
Carlone



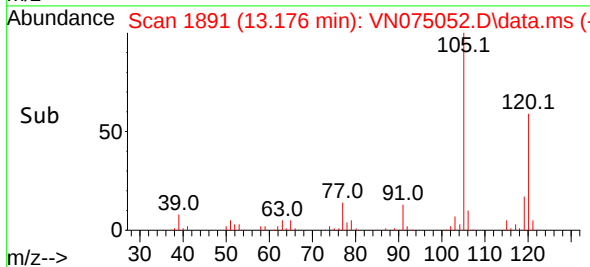
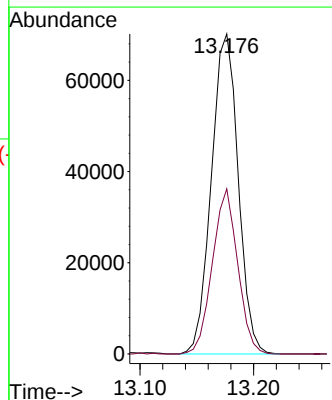
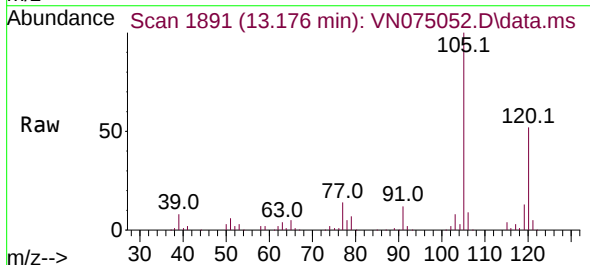
10/31/2022
Supervised By :Mahesh
Dadoda

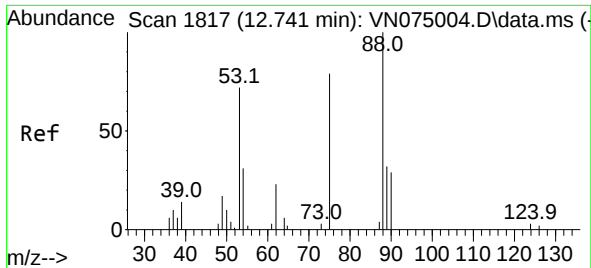
10/31/2022



#76
1,3,5-Trimethylbenzene
Concen: 20.407 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN075052.D
Acq: 28 Oct 2022 10:25

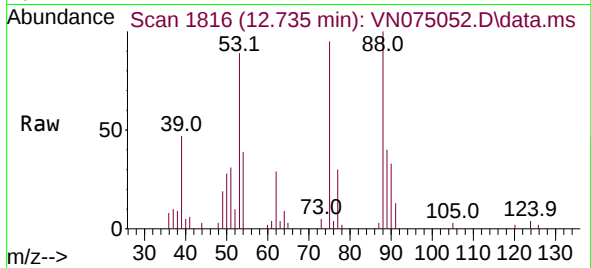
Tgt Ion:105 Resp: 115294
Ion Ratio Lower Upper
105 100
120 48.6 0.0 93.8





#77
t-1,4-Dichloro-2-butene
Concen: 19.643 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. -0.006 min
Lab File: VN075052.D
Acq: 28 Oct 2022 10:25

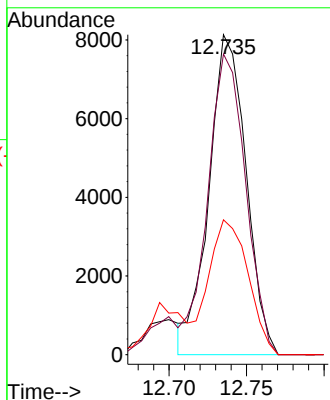
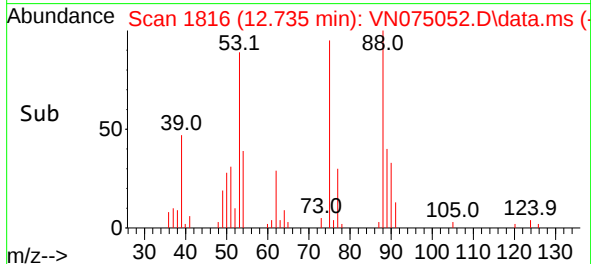
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 75 Resp: 13530
Ion Ratio Lower Upper
75 100
53 93.9 51.8 155.5
89 42.1 22.9 68.7

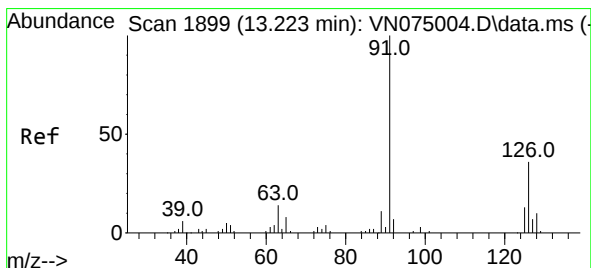
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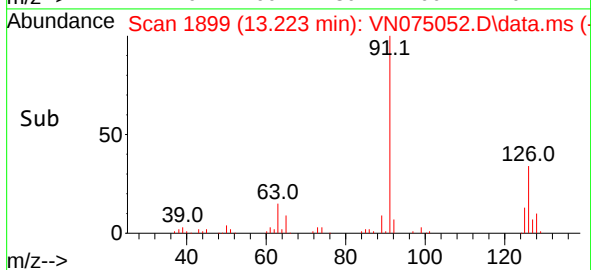
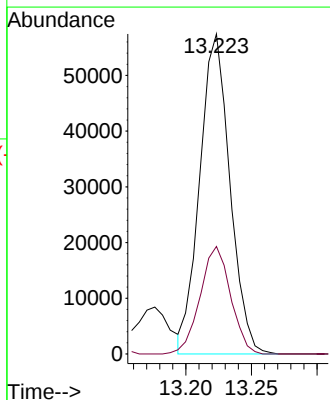
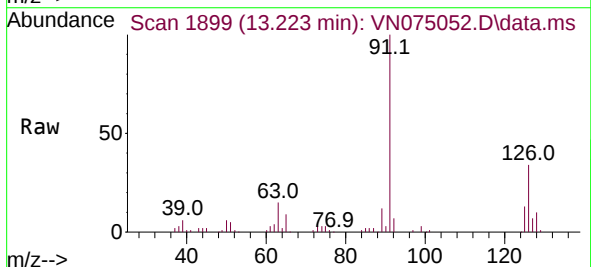
10/31/2022
Supervised By :Mahesh
Dadoda

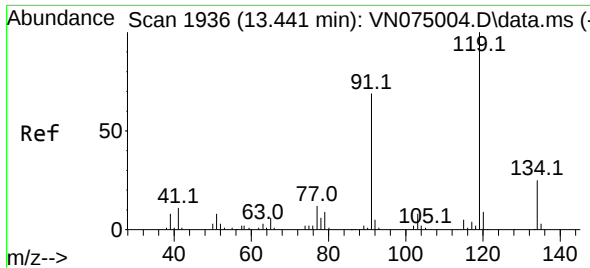
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#78
4-Chlorotoluene
Concen: 20.853 ug/l
RT: 13.223 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN075052.D
Acq: 28 Oct 2022 10:25

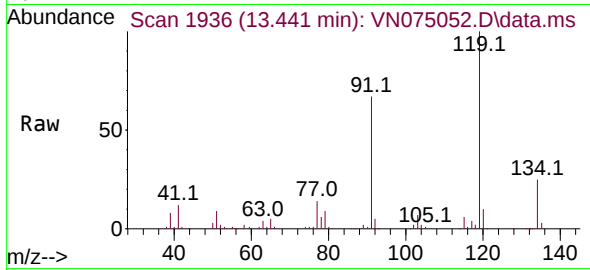
Tgt Ion: 91 Resp: 92062
Ion Ratio Lower Upper
91 100
126 33.8 0.0 70.6





#79
tert-butylbenzene
Concen: 20.103 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN075052.D
Acq: 28 Oct 2022 10:25

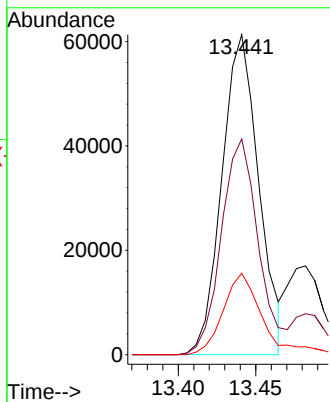
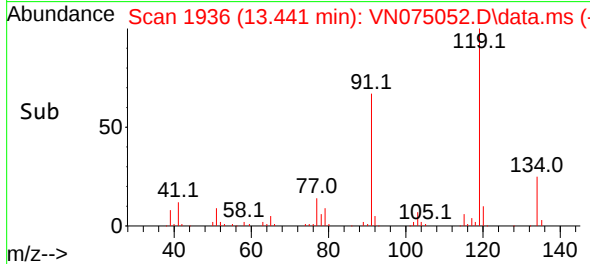
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:119 Resp: 10141
Ion Ratio Lower Upper
119 100
91 68.3 0.0 137.0
134 24.5 0.0 47.6

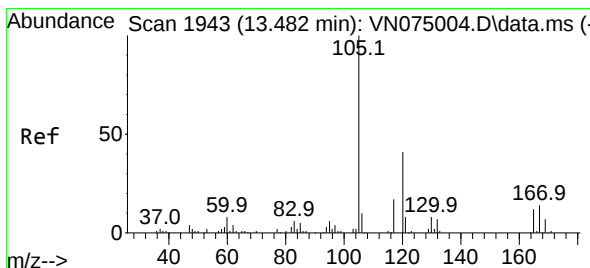
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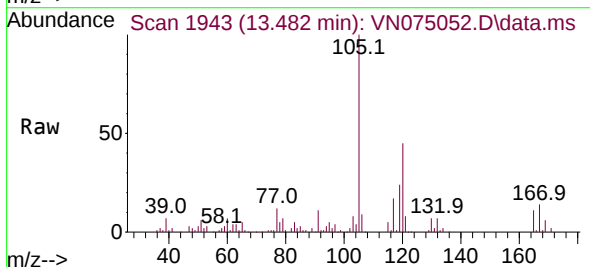


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Supervised By :Mahesh
Dadoda

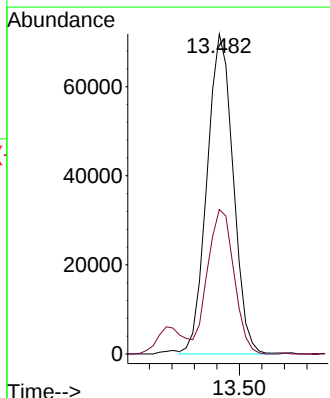
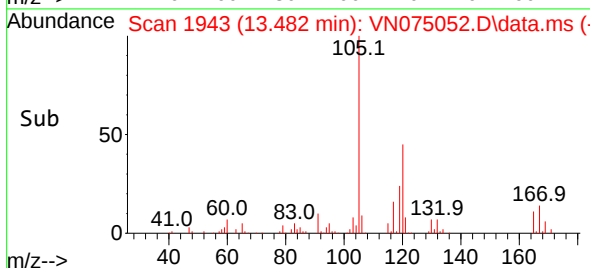
10/31/2022

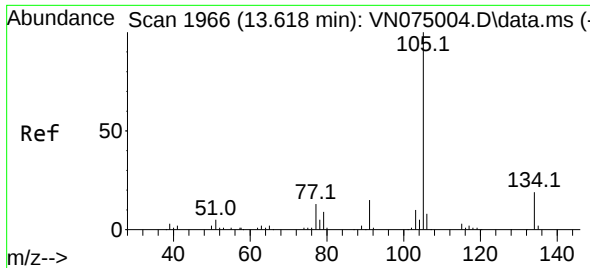


#80
1,2,4-Trimethylbenzene
Concen: 20.203 ug/l m
RT: 13.482 min Scan# 1943
Delta R.T. -0.000 min
Lab File: VN075052.D
Acq: 28 Oct 2022 10:25



Tgt Ion:105 Resp: 116104
Ion Ratio Lower Upper
105 100
120 0.1 0.0 0.2





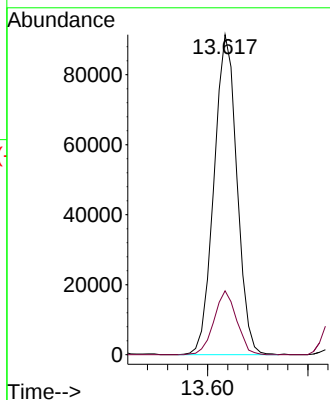
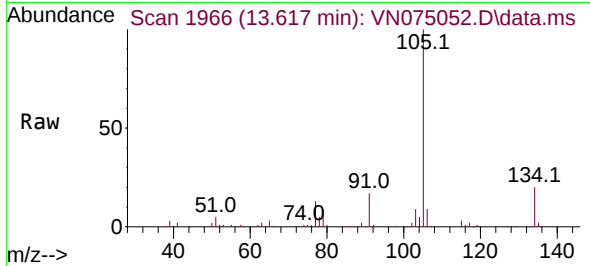
#81
 sec-Butylbenzene
 Concen: 20.469 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN075052.D
 Acq: 28 Oct 2022 10:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tgt Ion:105 Resp: 145159
 Ion Ratio Lower Upper
 105 100
 134 19.7 0.0 39.4

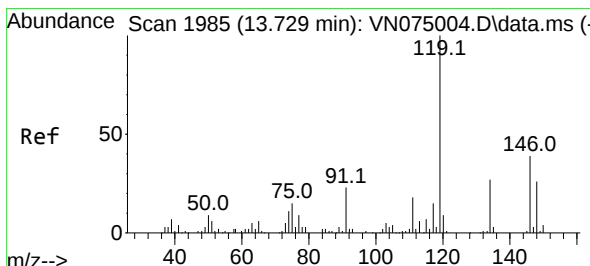
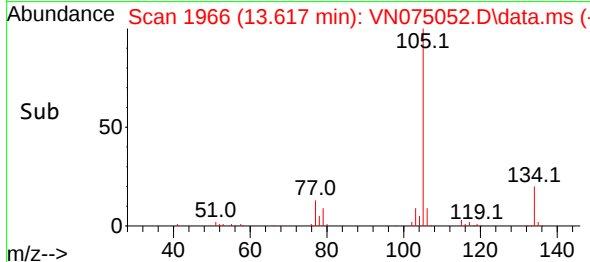
Manual Integrations
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Reviewed By :John
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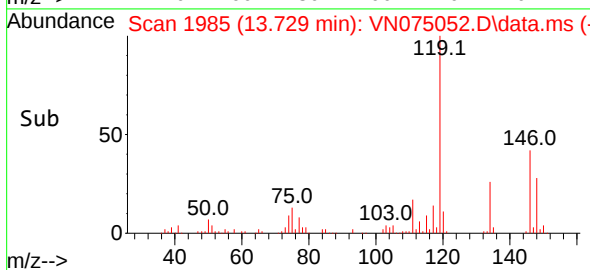
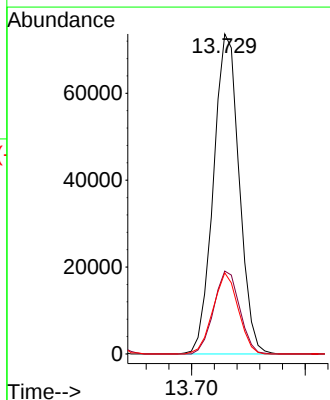
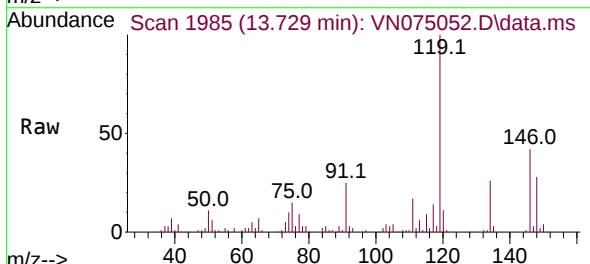
10/31/2022
 Supervised By :Mahesh
 Dadoda

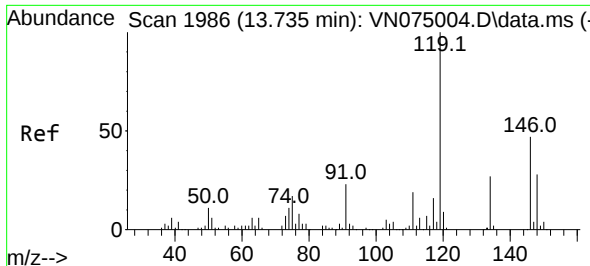
10/31/2022



#82
 p-Isopropyltoluene
 Concen: 19.384 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.000 min
 Lab File: VN075052.D
 Acq: 28 Oct 2022 10:25

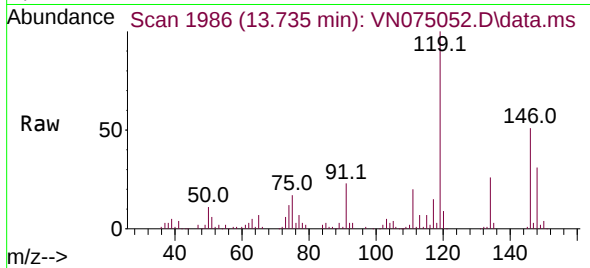
Tgt Ion:119 Resp: 115970
 Ion Ratio Lower Upper
 119 100
 134 26.0 0.0 51.8
 91 24.8 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 19.404 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN075052.D
Acq: 28 Oct 2022 10:25

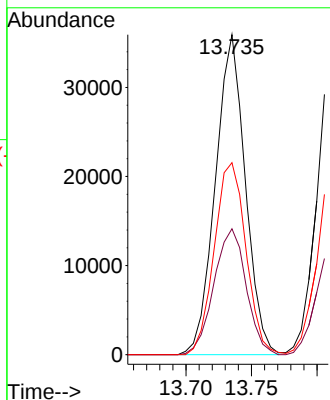
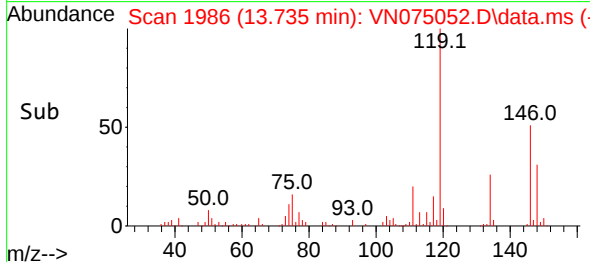
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:146 Resp: 5696
Ion Ratio Lower Upper
146 100
111 42.4 20.8 62.2
148 63.5 31.4 94.3

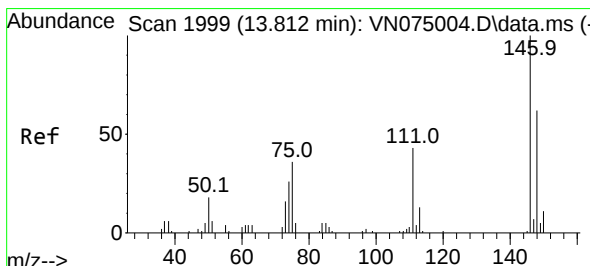
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Carlone

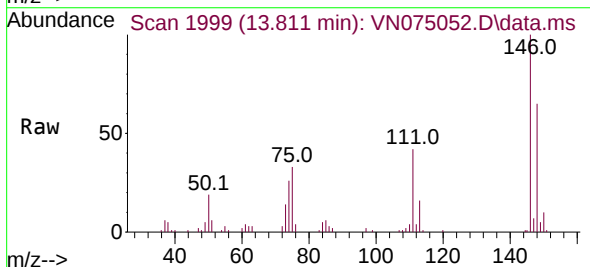


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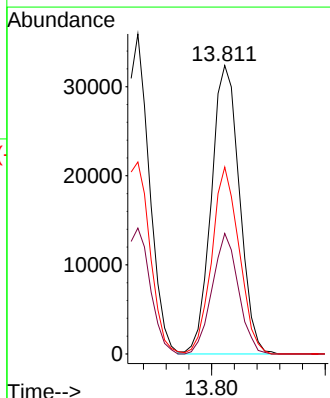
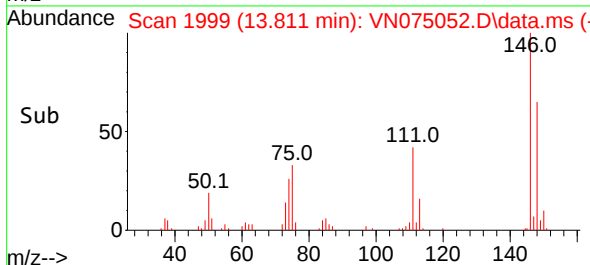
10/31/2022

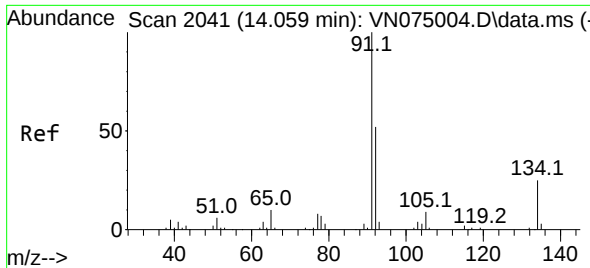


#84
1,4-Dichlorobenzene
Concen: 19.700 ug/l
RT: 13.811 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN075052.D
Acq: 28 Oct 2022 10:25



Tgt Ion:146 Resp: 55796
Ion Ratio Lower Upper
146 100
111 38.9 19.5 58.5
148 62.7 31.1 93.5





#85
n-Butylbenzene
Concen: 20.221 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075052.D
Acq: 28 Oct 2022 10:25

Instrument :

MSVOA_N

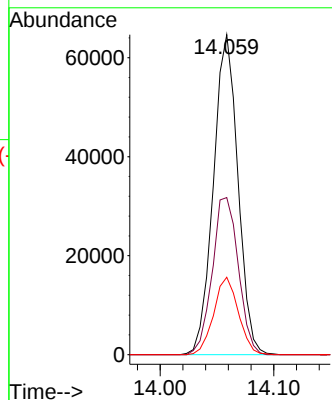
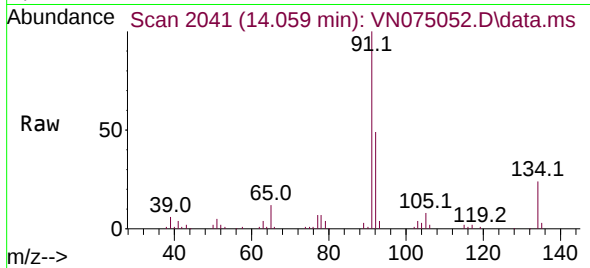
ClientSampleId :

VSTDCCC020

Tgt Ion: 91 Resp: 9703
Ion Ratio Lower Upper
91 100
92 52.2 0.0 100.6
134 24.4 0.0 50.2

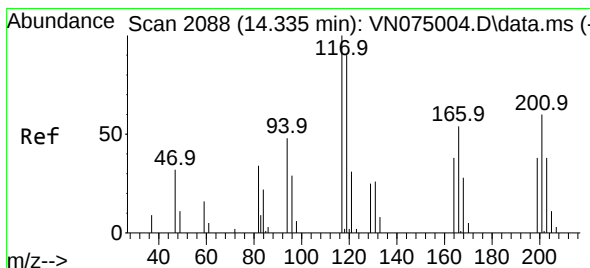
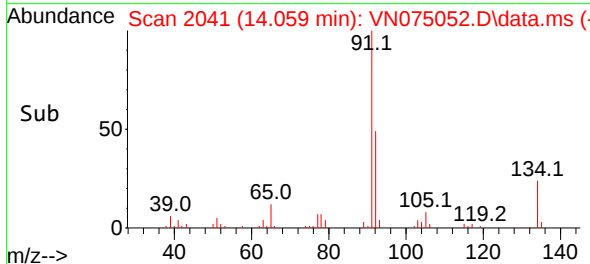
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Reviewed By :John
Carlone



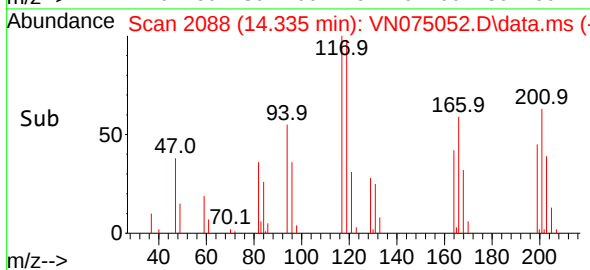
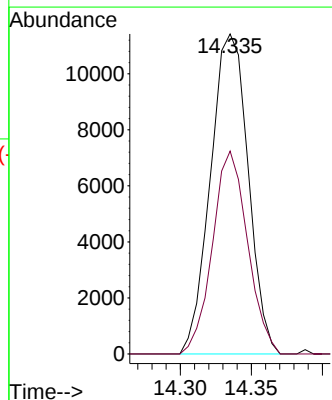
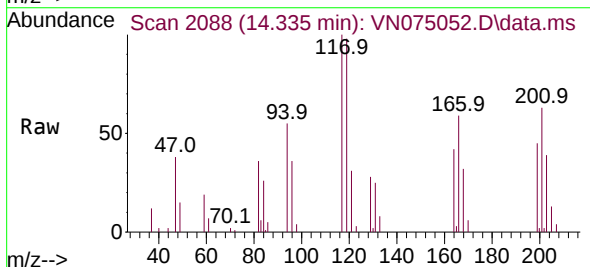
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Supervised By :Mahesh
Dadoda

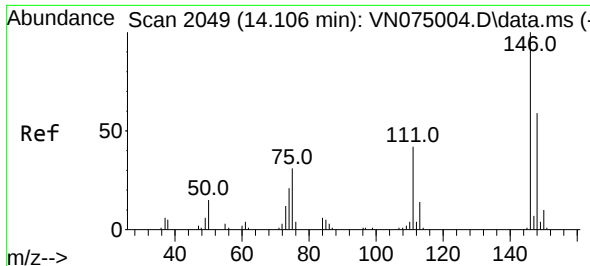
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#86
Hexachloroethane
Concen: 19.019 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VN075052.D
Acq: 28 Oct 2022 10:25

Tgt Ion:117 Resp: 21086
Ion Ratio Lower Upper
117 100
201 59.0 33.3 99.8





#87

1,2-Dichlorobenzene

Concen: 19.689 ug/l

RT: 14.106 min Scan# 2049

Delta R.T. -0.000 min

Lab File: VN075052.D

Acq: 28 Oct 2022 10:25

Instrument :

MSVOA_N

ClientSampleId :

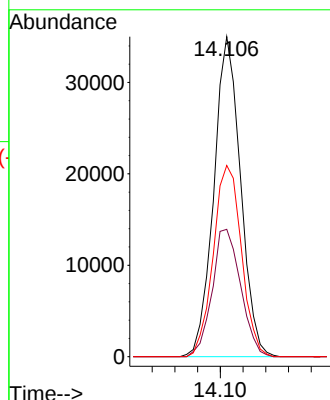
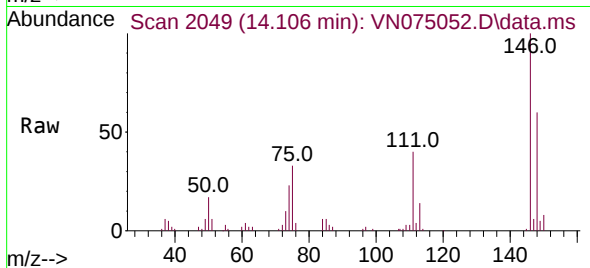
VSTDCCC020

Tgt Ion:146 Resp: 57174

Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.4	64.2
148	62.9	32.5	97.4

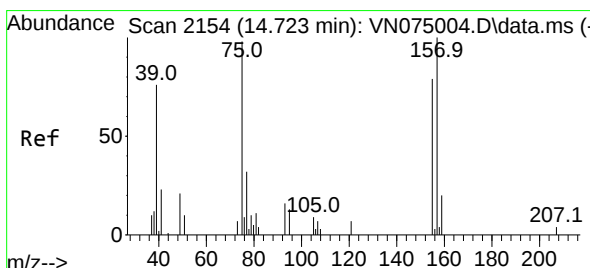
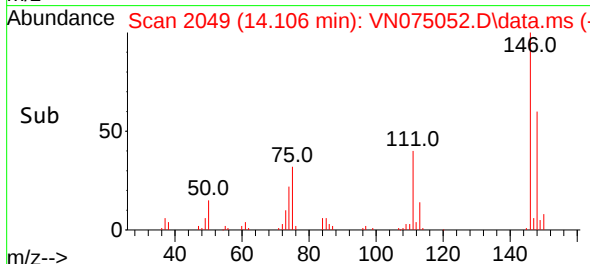
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Carlone



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Supervised By :Mahesh
Dadoda

10/31/2022



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.402 ug/l

RT: 14.717 min Scan# 2153

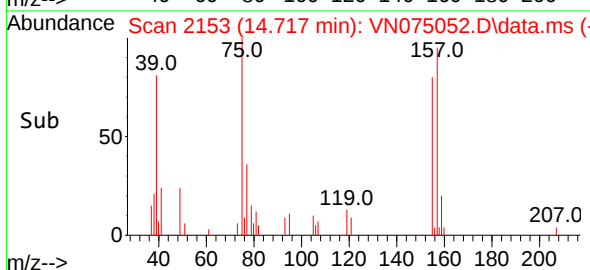
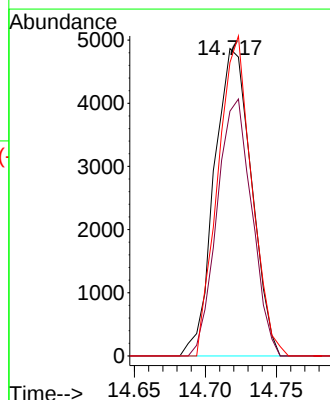
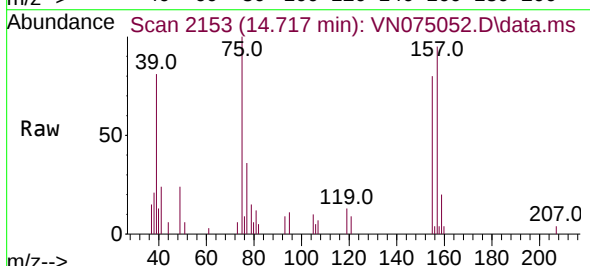
Delta R.T. -0.006 min

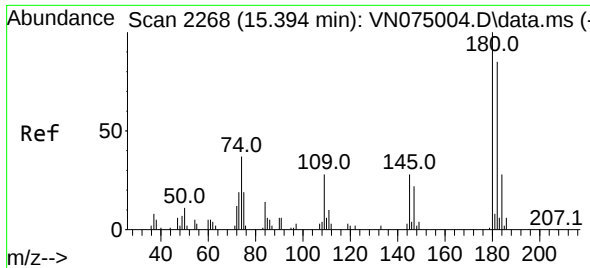
Lab File: VN075052.D

Acq: 28 Oct 2022 10:25

Tgt Ion: 75 Resp: 8860

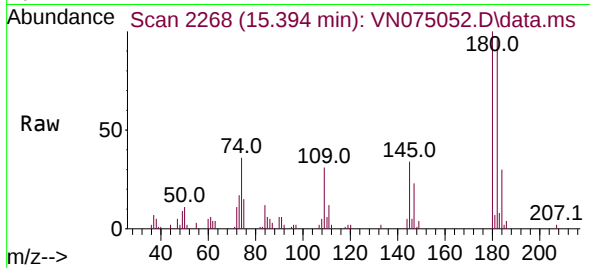
Ion	Ratio	Lower	Upper
75	100		
155	78.1	63.8	95.8
157	94.4	77.9	116.9





#89
1,2,4-Trichlorobenzene
Concen: 20.004 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN075052.D
Acq: 28 Oct 2022 10:25

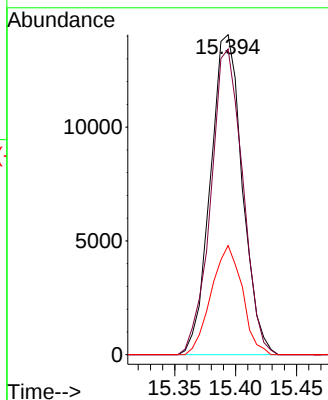
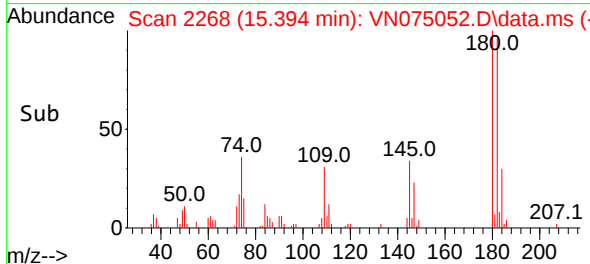
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:180 Resp: 2565
Ion Ratio Lower Upper
180 100
182 95.4 77.7 116.5
145 33.0 26.6 39.8

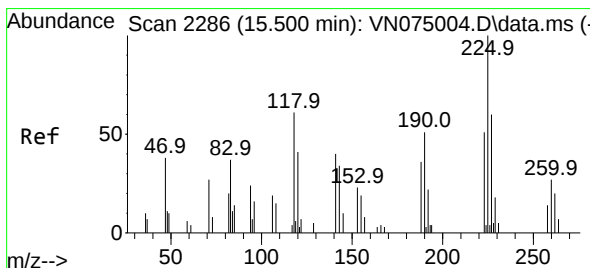
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Carlone

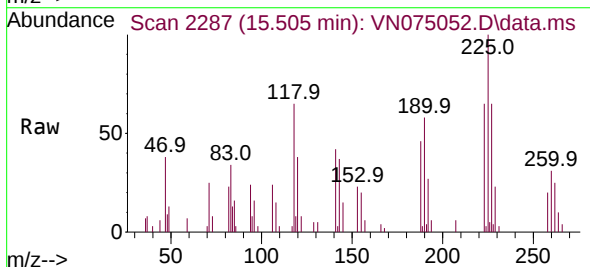


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Supervised By :Mahesh
Dadoda

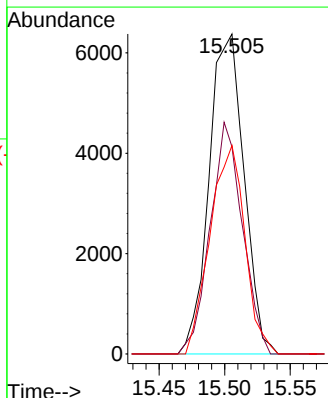
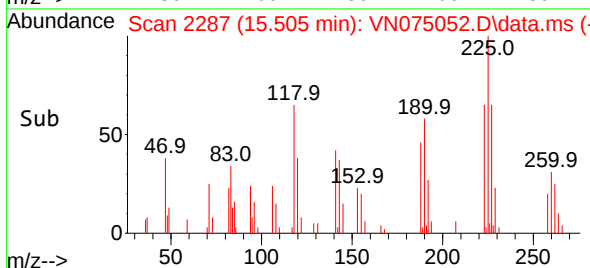
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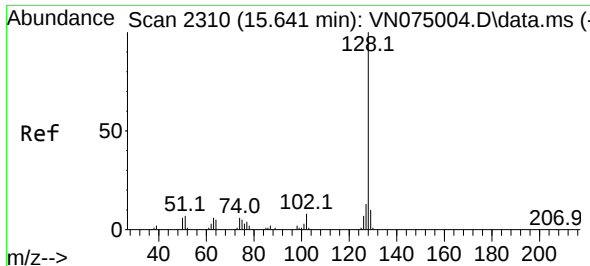


#90
Hexachlorobutadiene
Concen: 20.033 ug/l
RT: 15.505 min Scan# 2287
Delta R.T. 0.006 min
Lab File: VN075052.D
Acq: 28 Oct 2022 10:25



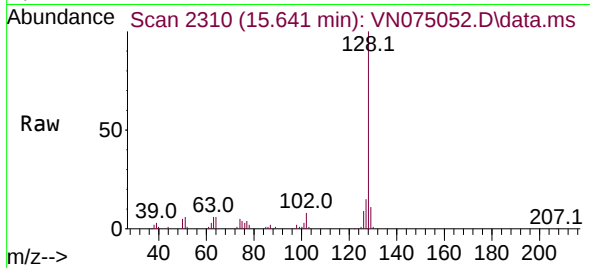
Tgt Ion:225 Resp: 11817
Ion Ratio Lower Upper
225 100
223 67.0 0.0 126.8
227 65.1 0.0 123.0





#91
Naphthalene
Concen: 18.257 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075052.D
Acq: 28 Oct 2022 10:25

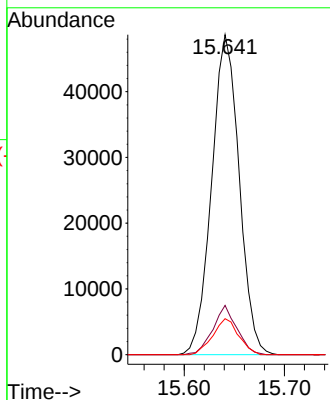
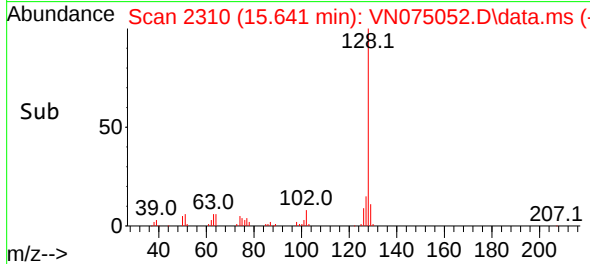
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:128 Resp: 92800
Ion Ratio Lower Upper
128 100
127 13.4 10.7 16.1
129 10.6 9.0 13.6

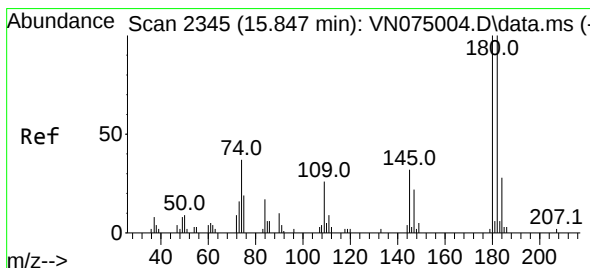
Manual Integrations
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Reviewed By :John
Carlone

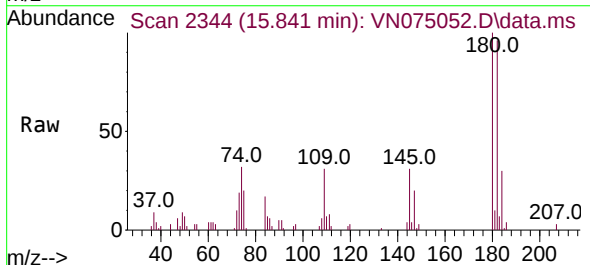


10/31/2022
Supervised By :Mahesh
Dadoda

10/31/2022



#92
1,2,3-Trichlorobenzene
Concen: 19.169 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.006 min
Lab File: VN075052.D
Acq: 28 Oct 2022 10:25



Tgt Ion:180 Resp: 24887
Ion Ratio Lower Upper
180 100
182 98.0 0.0 190.0
145 34.1 0.0 67.8

