

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101322\
 Data File : VN074898.D
 Acq On : 13 Oct 2022 16:45
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Quant Time: Oct 14 05:06:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101222W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 13 07:52:24 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John

Carlone

10/14/2022

Supervised By :Mahesh

Dadoda

10/14/2022

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

Internal Standards						
1) Bromochloromethane	7.830	128	73776	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	416169	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	385932	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	209928	30.393	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.300%
60) 4-Bromofluorobenzene	12.853	95	187188	27.351	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	91.167%
63) Toluene-d8	10.571	98	680690	30.560	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.867%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.148	85	78184	19.084	ug/l	87
3) Chloromethane	2.383	50	133412	20.135	ug/l	99
4) Vinyl Chloride	2.536	62	196789	20.169	ug/l	93
5) Bromomethane	2.953	94	149245	19.293	ug/l	95
6) Chloroethane	3.130	64	162966	22.272	ug/l	95
7) Trichlorofluoromethane	3.512	101	145825	20.049	ug/l	95
8) Diethyl Ether	3.995	74	63935	18.850	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.389	101	91648	20.023	ug/l	98
10) 1,1-Dichloroethene	4.353	96	87071	19.339	ug/l	92
11) Methyl Iodide	4.612	142	106905	19.021	ug/l	93
12) Methyl Acetate	5.047	43	196923	18.146	ug/l	94
13) Acrolein	4.206	56	148781	97.031	ug/l	98
14) Acrylonitrile	5.742	53	395436	97.699	ug/l	99
15) Acetone	4.459	58	100583	90.672	ug/l	96
16) Carbon Disulfide	4.730	76	218062	18.852	ug/l	97
17) Allyl chloride	5.042	41	153276	17.099	ug/l	95
18) Methylene Chloride	5.300	84	113768	19.486	ug/l	91
19) trans-1,2-Dichloroethene	5.812	96	94897	19.200	ug/l	97
20) Diisopropyl ether	6.694	45	404750	19.342	ug/l #	96
21) 1,1-Dichloroethane	6.583	63	208659	19.599	ug/l	99
22) cis-1,2-Dichloroethene	7.500	96	121069	19.561	ug/l #	87
23) tert-Butyl Alcohol	5.553	59	146270	85.766	ug/l #	100
24) Methyl tert-Butyl Ether	5.818	73	366928m	19.513	ug/l	
25) Chloroform	7.977	83	211222	19.979	ug/l	96
26) Cyclohexane	8.259	56	184759	19.757	ug/l #	95
29) 1,1-Dichloropropene	8.383	75	144653	19.264	ug/l	97
30) 2-Butanone	7.500	43	563428	94.041	ug/l #	80
31) 2,2-Dichloropropane	7.500	77	169461	18.436	ug/l	98
32) 1,1,1-Trichloroethane	8.183	97	174246	19.350	ug/l	96
33) Carbon Tetrachloride	8.371	117	146946	19.870	ug/l	92
34) Benzene	8.618	78	476600	19.201	ug/l #	88
35) Methacrylonitrile	7.794	41	110551	17.954	ug/l	94
36) 1,2-Dichloroethane	8.677	62	168829	20.425	ug/l #	91
37) Trichloroethene	9.353	130	103551	20.060	ug/l	91
38) Methylcyclohexane	9.606	83	180474	19.784	ug/l	100
39) 1,2-Dichloropropane	9.630	63	126948	19.729	ug/l #	89
40) Dibromomethane	9.712	93	85771	20.116	ug/l	95
41) Bromodichloromethane	9.894	83	156307	18.823	ug/l	95
42) Vinyl Acetate	6.624	43	1810251m	101.432	ug/l	

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Reviewed By :John
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 10/14/2022

Supervised By :Mahesh
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.577	43	202773	17.407	ug/l	100
44) Isopropyl Acetate	8.700	43	343116	19.048	ug/l	98
45) 1,4-Dioxane	9.700	88	59540	360.458	ug/l #	91
46) Methyl methacrylate	9.682	41	143865	18.441	ug/l	94
47) n-amyl Acetate	12.494	43	293771	18.639	ug/l	96
48) t-1,3-Dichloropropene	10.841	75	176573	18.533	ug/l	98
49) cis-1,3-Dichloropropene	10.318	75	191703	18.975	ug/l	93
50) 1,1,2-Trichloroethane	11.024	97	120629	19.225	ug/l	97
51) Ethyl methacrylate	10.876	69	201445	18.880	ug/l	96
52) 1,3-Dichloropropane	11.165	76	213854	19.746	ug/l	97
53) Dibromochloromethane	11.359	129	111640	18.160	ug/l	97
54) 1,2-Dibromoethane	11.476	107	121987	20.235	ug/l	93
55) 2-Chloroethyl vinyl ether	10.165	63	380483	91.165	ug/l	98
56) Bromoform	12.582	173	77833	17.570	ug/l	99
58) 4-Methyl-2-Pentanone	10.447	43	1152513	96.022	ug/l	98
59) 2-Hexanone	11.200	43	845527	91.535	ug/l	98
61) Tetrachloroethene	11.106	164	80153	19.481	ug/l	96
62) Toluene	10.635	91	518500	19.446	ug/l	97
64) Chlorobenzene	11.894	112	301344	19.884	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.965	131	107804	18.885	ug/l	97
66) Ethyl Benzene	11.965	91	563035	19.419	ug/l	99
67) m/p-Xylenes	12.076	106	433748	39.822	ug/l	93
68) o-Xylene	12.400	106	208016	18.788	ug/l	100
69) Styrene	12.412	104	337421	18.620	ug/l	98
70) Isopropylbenzene	12.700	105	542876	19.012	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.941	83	202628	18.970	ug/l	95
72) 1,2,3-Trichloropropane	12.994	75	180689m	20.135	ug/l	
73) Bromobenzene	12.988	156	114388	19.116	ug/l	92
74) n-propylbenzene	13.041	91	638520	19.179	ug/l	97
75) 2-Chlorotoluene	13.129	91	363030	18.639	ug/l	99
76) 1,3,5-Trimethylbenzene	13.176	105	442318	19.062	ug/l	99
77) t-1,4-Dichloro-2-butene	12.741	75	61793	16.574	ug/l	91
78) 4-Chlorotoluene	13.223	91	348910	18.773	ug/l	97
79) tert-butylbenzene	13.447	119	389677	18.878	ug/l	98
80) 1,2,4-Trimethylbenzene	13.482	105	450009	19.274	ug/l	95
81) sec-Butylbenzene	13.617	105	555084	18.711	ug/l	100
82) p-Isopropyltoluene	13.729	119	445467	18.899	ug/l	98
83) 1,3-Dichlorobenzene	13.735	146	208210	17.832	ug/l	99
84) 1,4-Dichlorobenzene	13.817	146	205118	18.290	ug/l	99
85) n-Butylbenzene	14.059	91	380592	18.292	ug/l	98
86) Hexachloroethane	14.335	117	86659	18.773	ug/l	97
87) 1,2-Dichlorobenzene	14.112	146	215393	18.580	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.729	75	40598	18.832	ug/l	90
89) 1,2,4-Trichlorobenzene	15.400	180	99607	18.813	ug/l	97
90) Hexachlorobutadiene	15.506	225	48436	18.763	ug/l	97
91) Naphthalene	15.647	128	370847	17.652	ug/l	98
92) 1,2,3-Trichlorobenzene	15.841	180	95139	17.177	ug/l	99

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

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Reviewed By :John

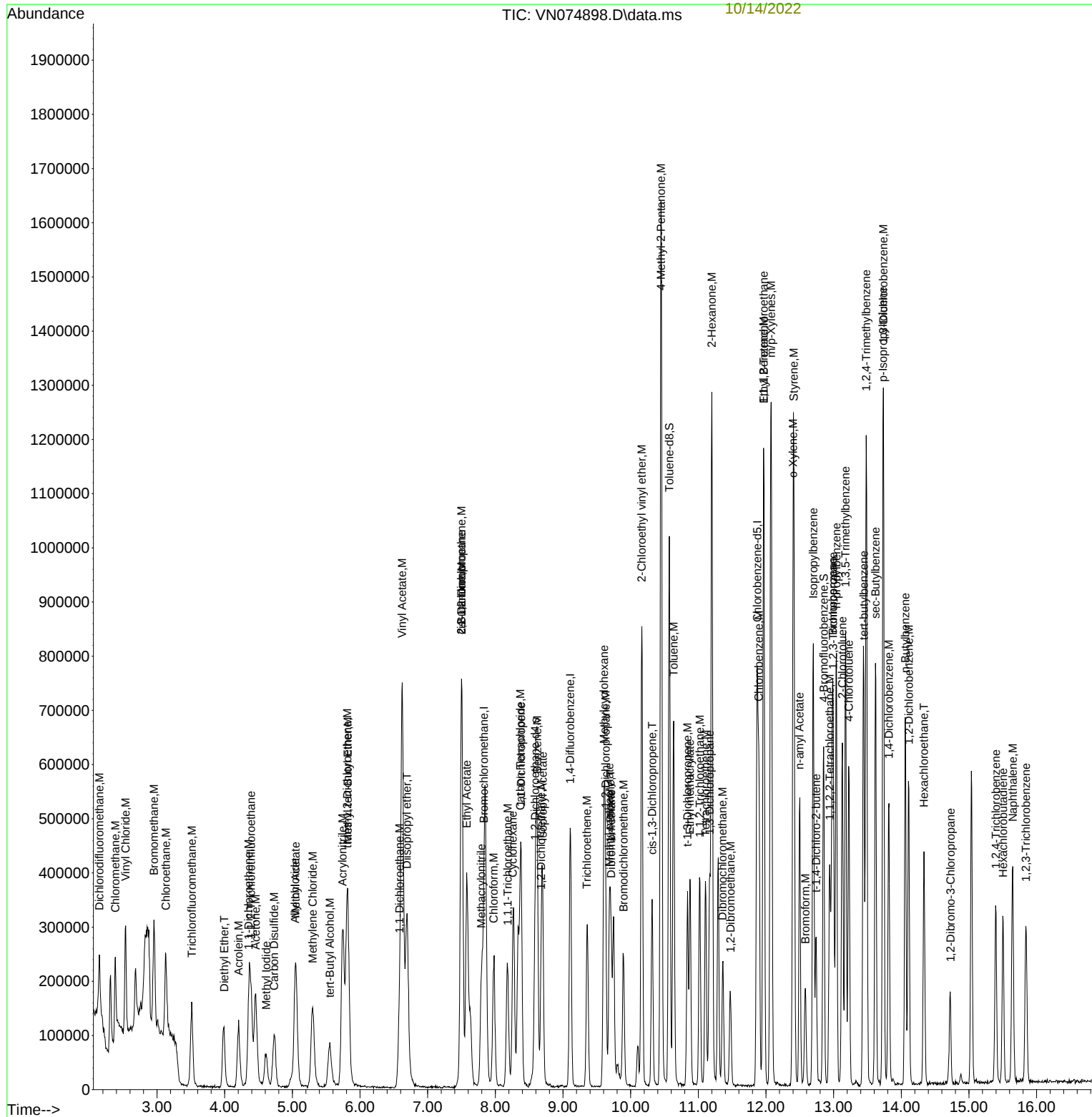
Carlone

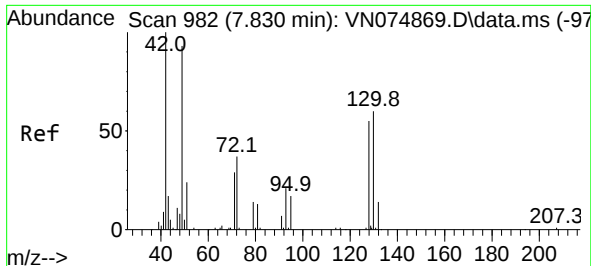
10/14/2022

Supervised By :Mahesh

Dadoda

10/14/2022





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.830 min Scan# 982
Delta R.T. -0.000 min
Lab File: VN074898.D
Acq: 13 Oct 2022 16:45

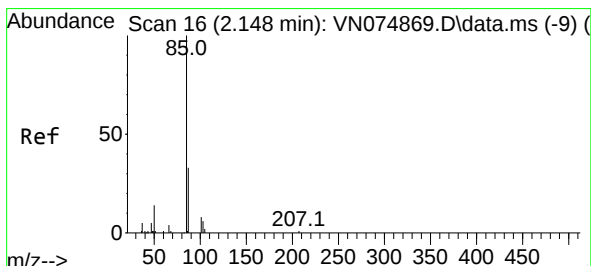
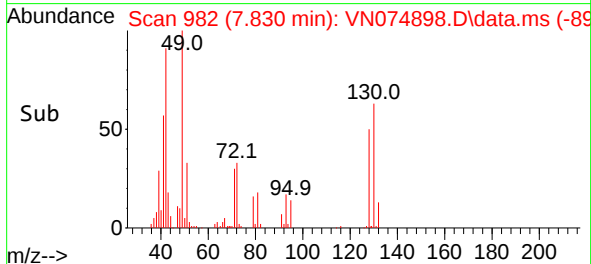
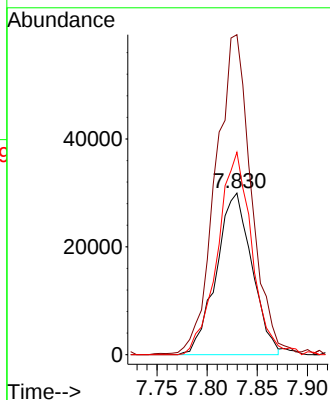
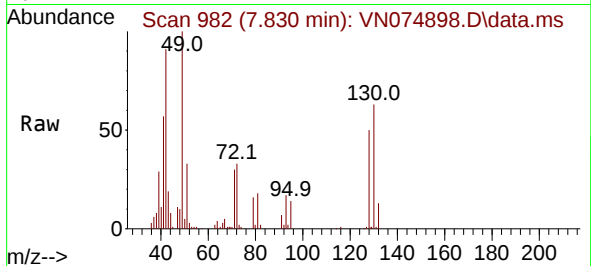
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:128 Resp: 73770
Ion Ratio Lower Upper
128 100
49 198.7 0.0 492.0
130 119.3 0.0 313.3

Manual Integrations
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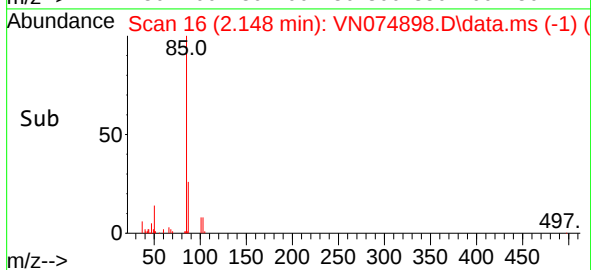
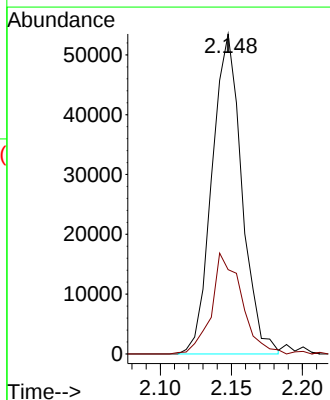
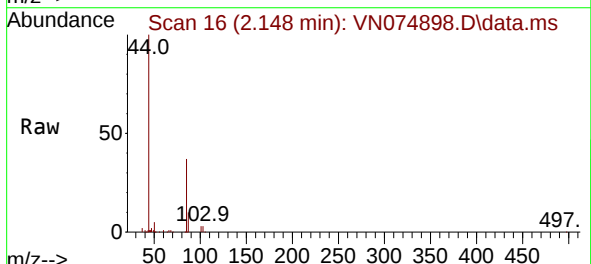
Reviewed By :John
Carlone
10/14/2022

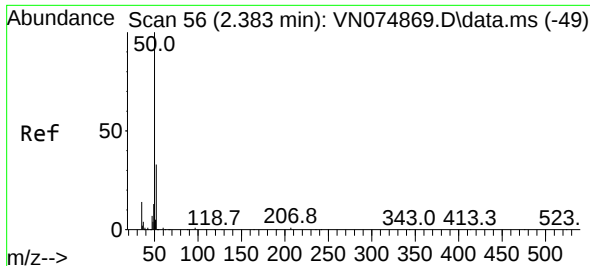
Supervised By :Mahesh
Dadoda
10/14/2022



#2
Dichlorodifluoromethane
Concen: 19.084 ug/l
RT: 2.148 min Scan# 16
Delta R.T. -0.000 min
Lab File: VN074898.D
Acq: 13 Oct 2022 16:45

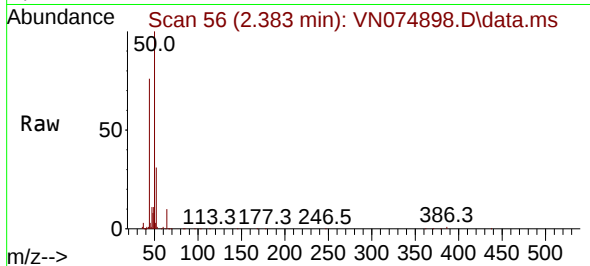
Tgt Ion: 85 Resp: 78184
Ion Ratio Lower Upper
85 100
87 25.9 16.7 50.1





#3
Chloromethane
Concen: 20.135 ug/l
RT: 2.383 min Scan# 50
Delta R.T. -0.000 min
Lab File: VN074898.D
Acq: 13 Oct 2022 16:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

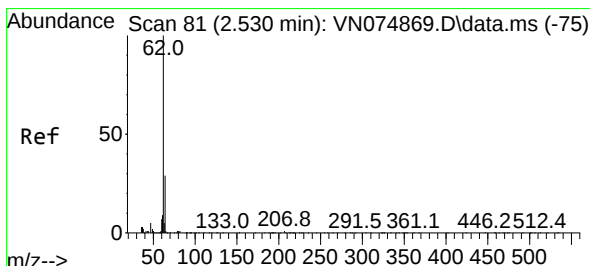
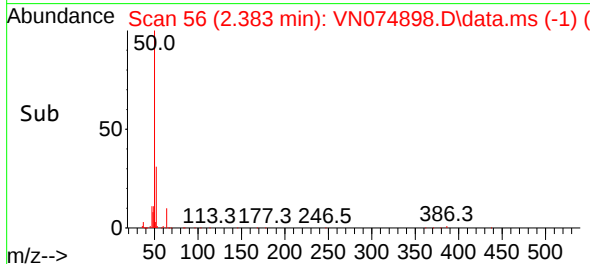
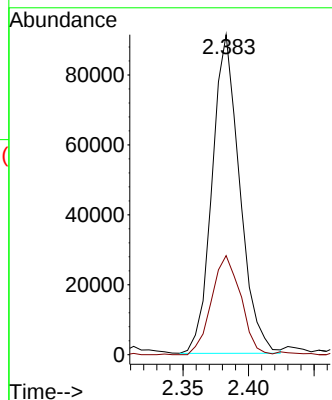


Tgt Ion: 50 Resp: 133412
Ion Ratio Lower Upper
50 100
52 31.1 25.5 38.3

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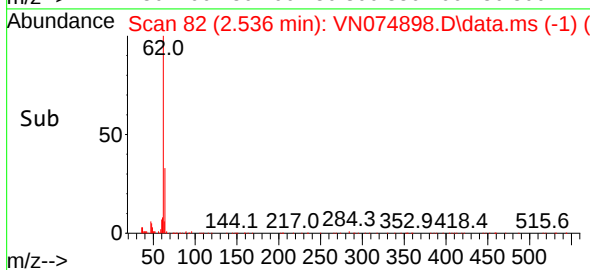
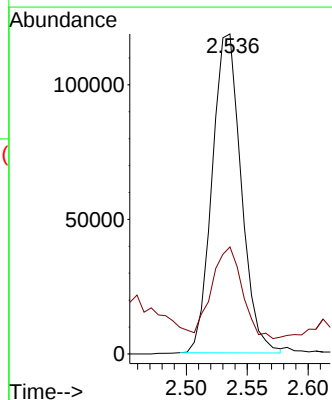
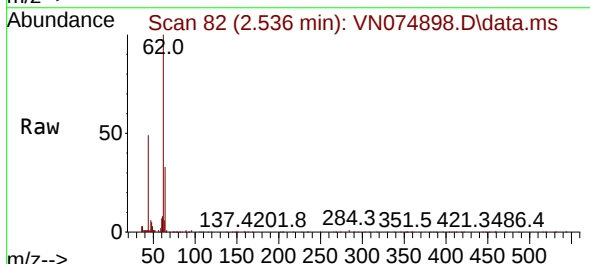
Reviewed By :John
Carlone
10/14/2022

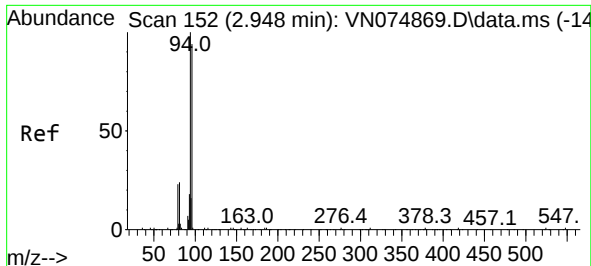
Supervised By :Mahesh
Dadoda
10/14/2022



#4
Vinyl Chloride
Concen: 20.169 ug/l
RT: 2.536 min Scan# 82
Delta R.T. 0.006 min
Lab File: VN074898.D
Acq: 13 Oct 2022 16:45

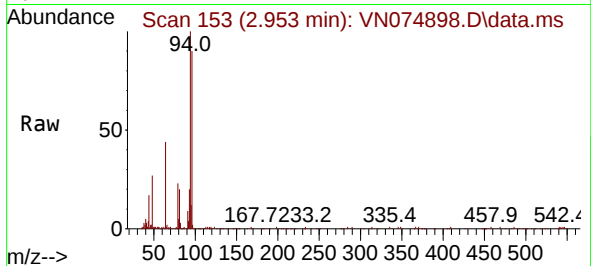
Tgt Ion: 62 Resp: 196789
Ion Ratio Lower Upper
62 100
64 28.4 25.6 38.4





#5
Bromomethane
Concen: 19.293 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN074898.D
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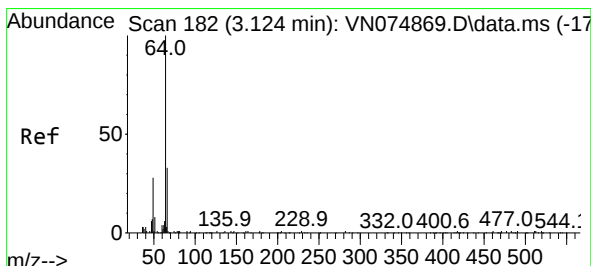
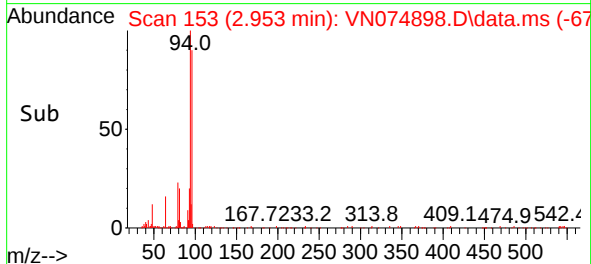
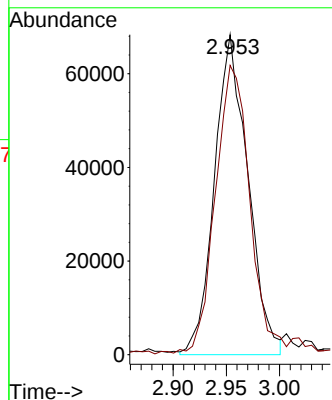


Tgt Ion: 94 Resp: 149245
Ion Ratio Lower Upper
94 100
96 89.6 68.3 102.5

Manual Integrations
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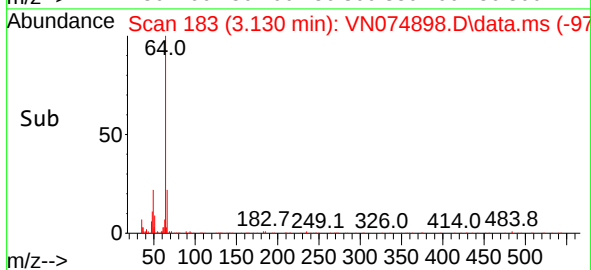
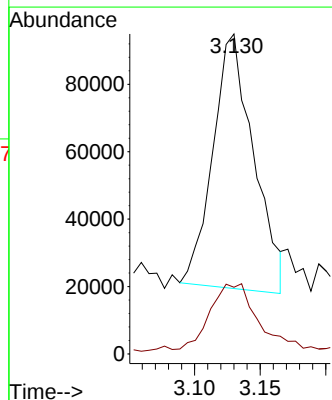
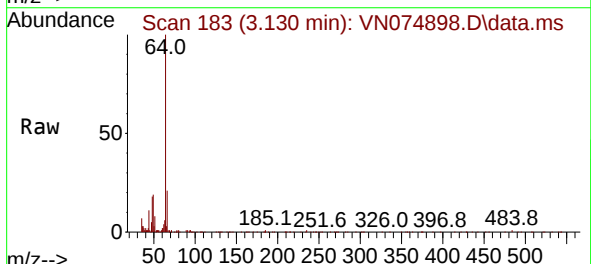
Reviewed By :John
Carlone
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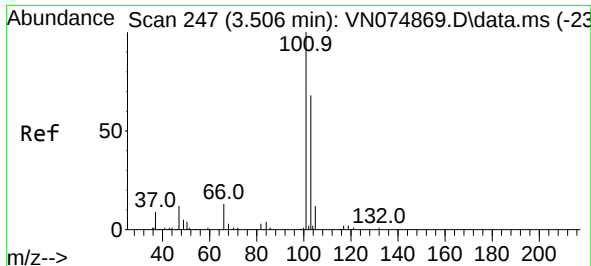
Supervised By :Mahesh
Dadoda
10/14/2022



#6
Chloroethane
Concen: 22.272 ug/l
RT: 3.130 min Scan# 183
Delta R.T. 0.006 min
Lab File: VN074898.D
Acq: 13 Oct 2022 16:45

Tgt Ion: 64 Resp: 162966
Ion Ratio Lower Upper
64 100
66 24.9 21.8 32.8





#7
 Trichlorofluoromethane
 Concen: 20.049 ug/l
 RT: 3.512 min Scan# 247
 Delta R.T. 0.006 min
 Lab File: VN074898.D
 Acq: 13 Oct 2022 16:45

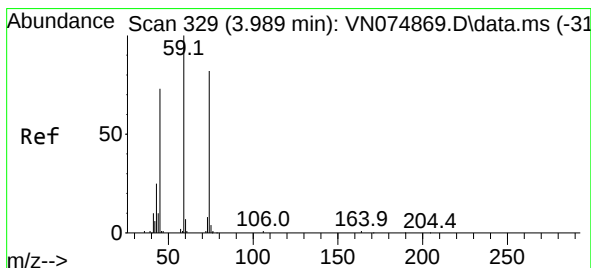
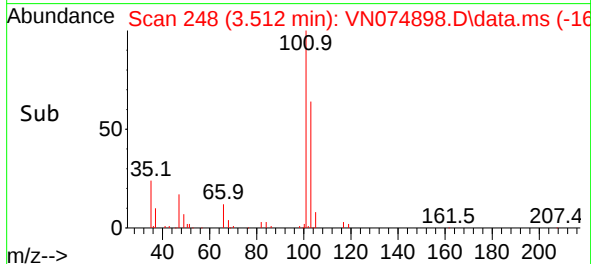
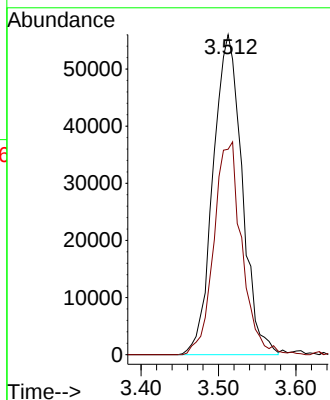
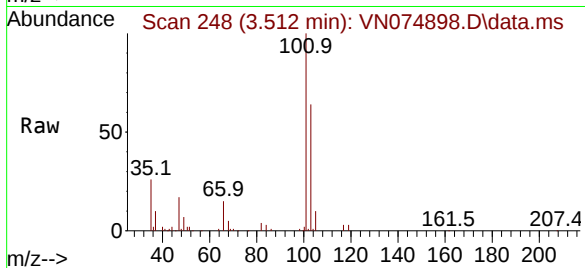
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tgt Ion:101 Resp: 145825
 Ion Ratio Lower Upper
 101 100
 103 64.2 54.8 82.2

Manual Integrations
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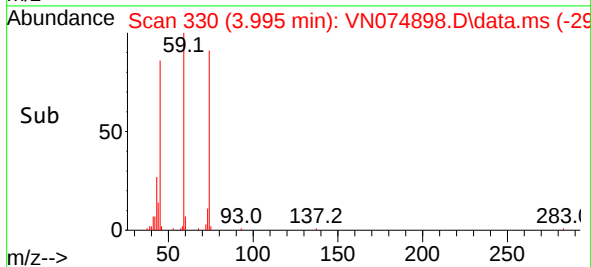
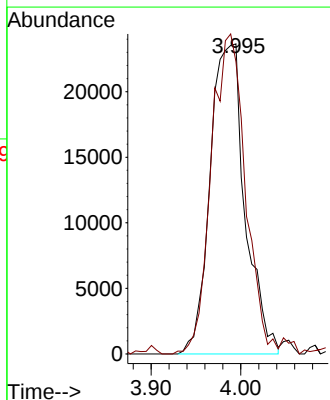
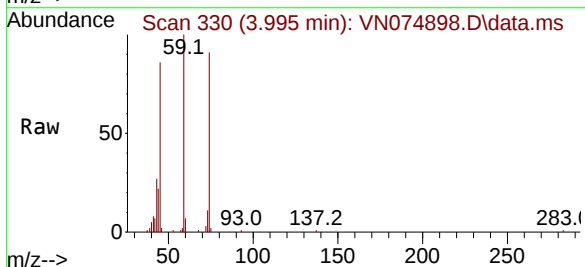
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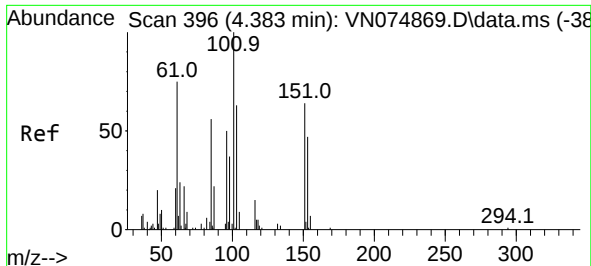
Supervised By :Mahesh
 Dadoda
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#8
 Diethyl Ether
 Concen: 18.850 ug/l
 RT: 3.995 min Scan# 330
 Delta R.T. 0.006 min
 Lab File: VN074898.D
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Tgt Ion: 74 Resp: 63935
 Ion Ratio Lower Upper
 74 100
 45 100.9 19.0 171.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.023 ug/l
RT: 4.389 min Scan# 396
Delta R.T. 0.006 min
Lab File: VN074898.D
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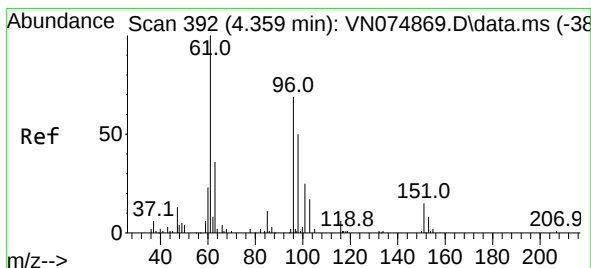
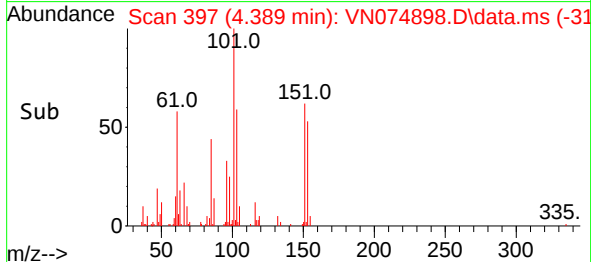
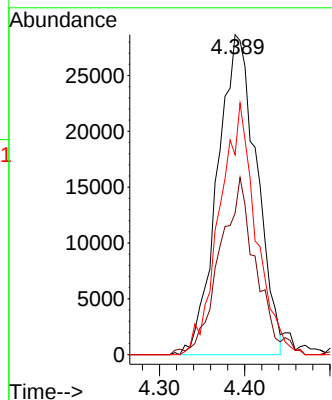
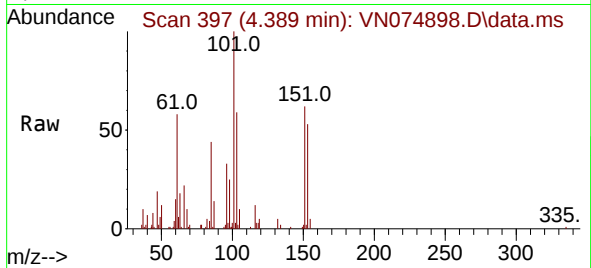
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 91648
Ion Ratio Lower Upper
101 100
85 49.6 0.0 94.6
151 73.1 0.0 144.8

Manual Integrations
APPROVED

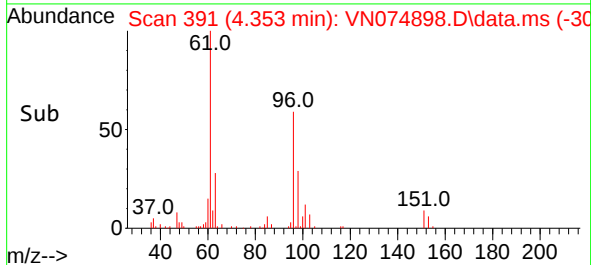
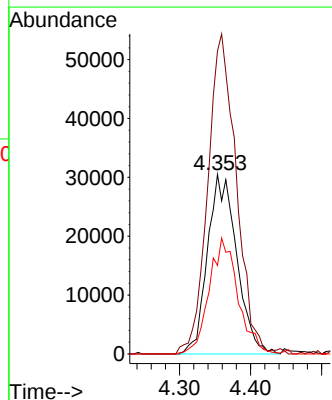
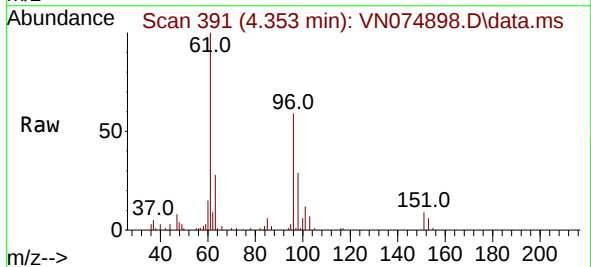
Reviewed By :John
Carlone
10/14/2022

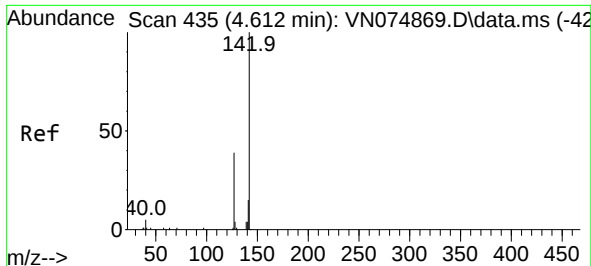
Supervised By :Mahesh
Dadoda
10/14/2022



#10
1,1-Dichloroethene
Concen: 19.339 ug/l
RT: 4.353 min Scan# 391
Delta R.T. -0.006 min
Lab File: VN074898.D
Acq: 13 Oct 2022 16:45

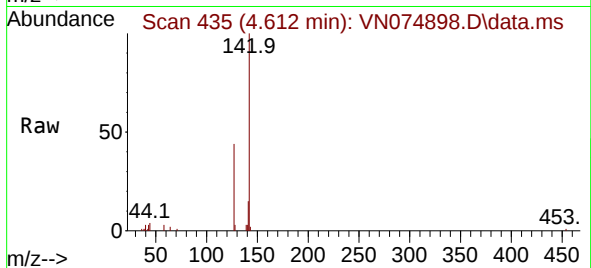
Tgt Ion: 96 Resp: 87071
Ion Ratio Lower Upper
96 100
61 165.8 125.5 188.3
98 48.8 45.0 67.4





#11
Methyl Iodide
Concen: 19.021 ug/l
RT: 4.612 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN074898.D
Acq: 13 Oct 2022 16:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

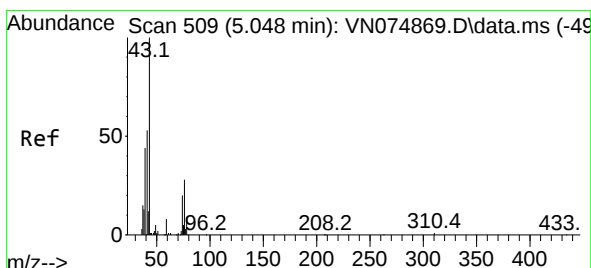
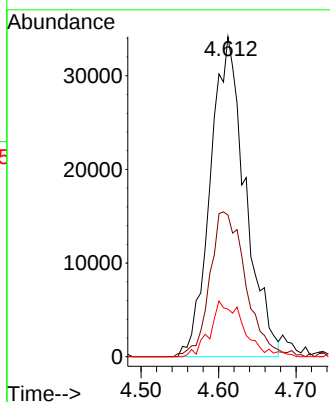
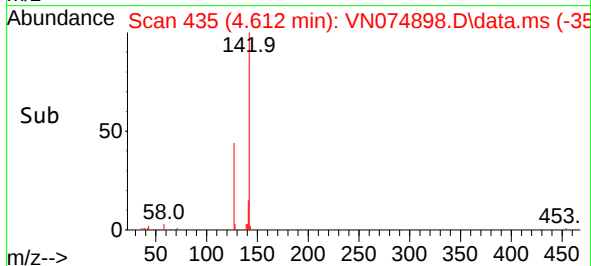


Tgt Ion:142 Resp: 10690
Ion Ratio Lower Upper
142 100
127 43.6 19.3 57.8
141 14.4 7.7 23.1

Manual Integrations
APPROVED

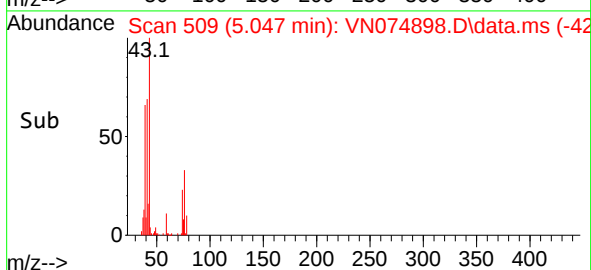
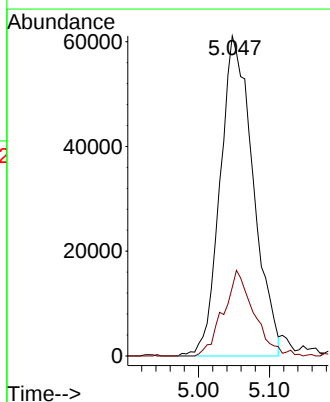
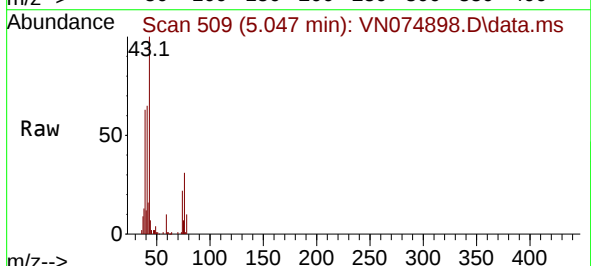
Reviewed By :John
Carlone
10/14/2022

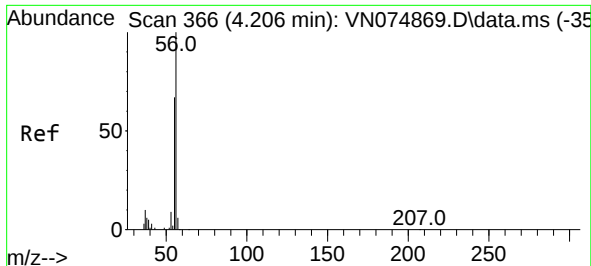
Supervised By :Mahesh
Dadoda
10/14/2022



#12
Methyl Acetate
Concen: 18.146 ug/l
RT: 5.047 min Scan# 509
Delta R.T. -0.000 min
Lab File: VN074898.D
Acq: 13 Oct 2022 16:45

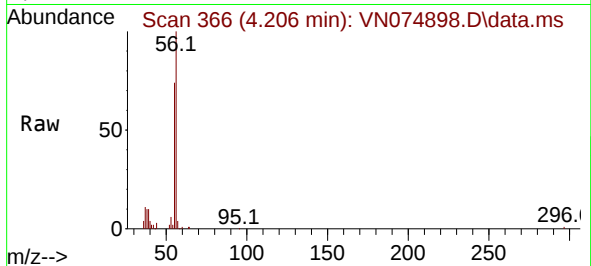
Tgt Ion: 43 Resp: 196923
Ion Ratio Lower Upper
43 100
74 20.7 19.0 28.6





#13
Acrolein
Concen: 97.031 ug/l
RT: 4.206 min Scan# 366
Delta R.T. -0.000 min
Lab File: VN074898.D
Acq: 13 Oct 2022 16:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

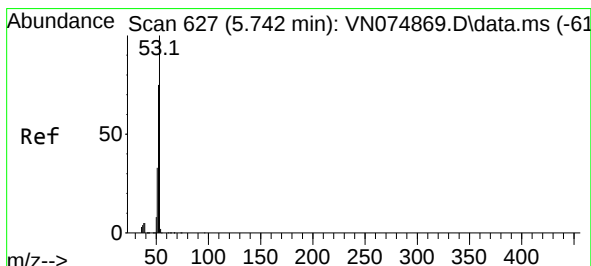
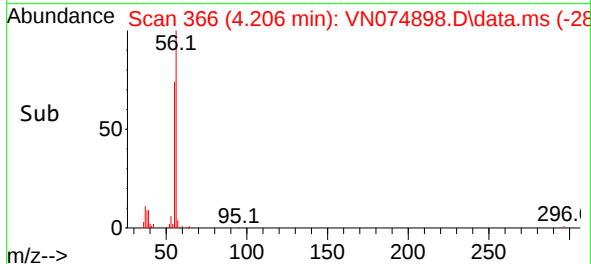
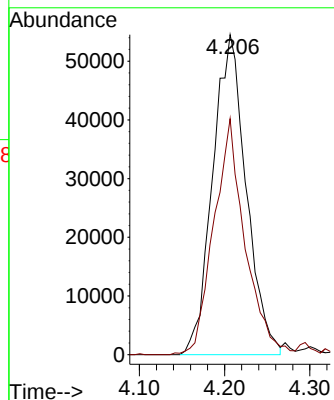


Tgt Ion: 56 Resp: 14878
Ion Ratio Lower Upper
56 100
55 68.6 56.2 84.2

Manual Integrations
APPROVED

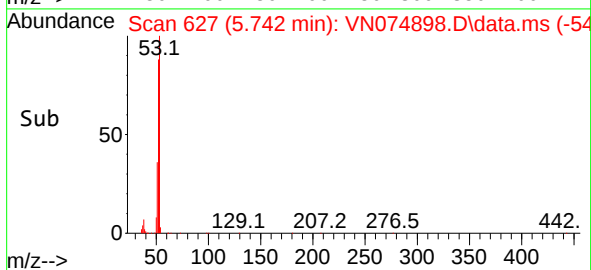
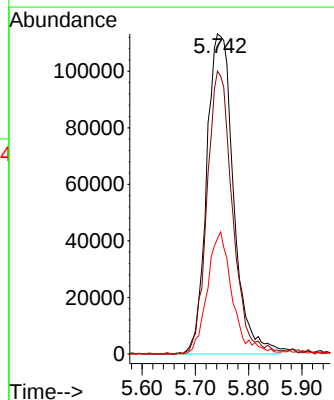
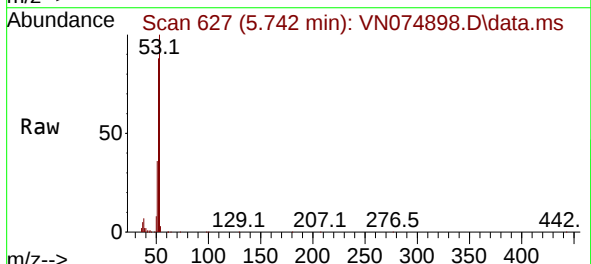
Reviewed By :John
Carlone
10/14/2022

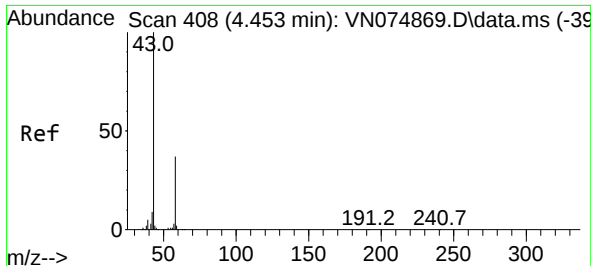
Supervised By :Mahesh
Dadoda
10/14/2022



#14
Acrylonitrile
Concen: 97.699 ug/l
RT: 5.742 min Scan# 627
Delta R.T. -0.000 min
Lab File: VN074898.D
Acq: 13 Oct 2022 16:45

Tgt Ion: 53 Resp: 395436
Ion Ratio Lower Upper
53 100
52 82.2 40.8 122.4
51 35.2 17.0 51.0





#15
Acetone
Concen: 90.672 ug/l
RT: 4.459 min Scan# 408
Delta R.T. 0.006 min
Lab File: VN074898.D
Acq: 13 Oct 2022 16:45

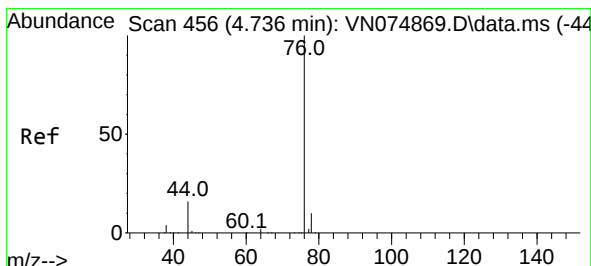
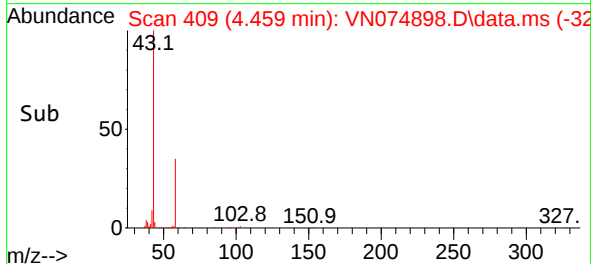
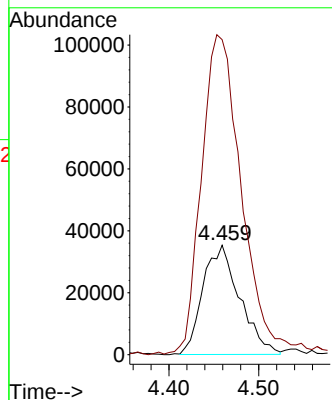
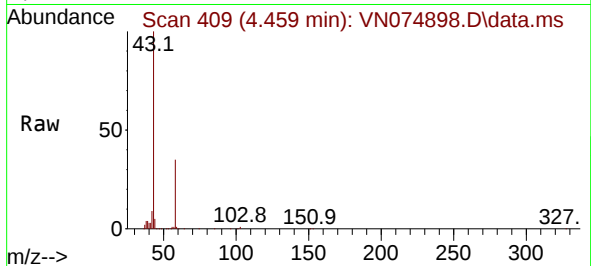
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 58 Resp: 100583
Ion Ratio Lower Upper
58 100
43 281.7 232.2 348.4

Manual Integrations
APPROVED

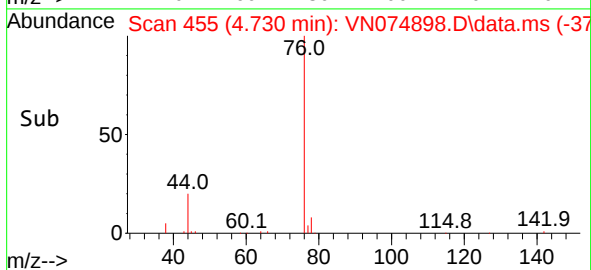
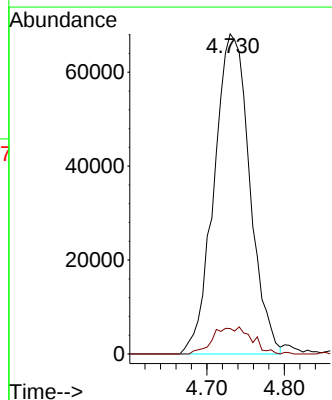
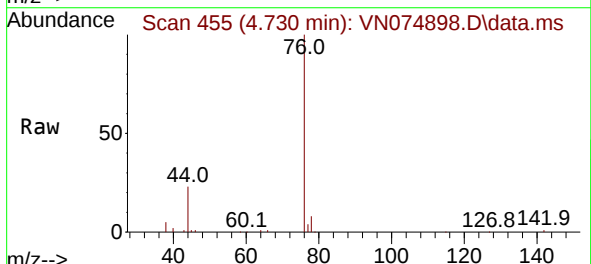
Reviewed By :John
Carlone
10/14/2022

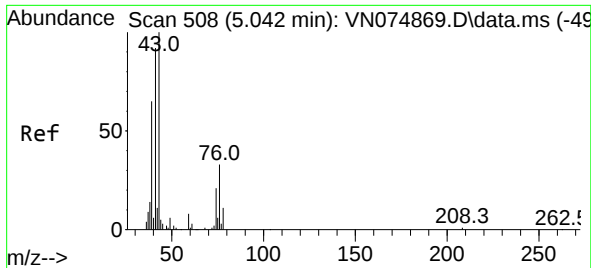
Supervised By :Mahesh
Dadoda
10/14/2022



#16
Carbon Disulfide
Concen: 18.852 ug/l
RT: 4.730 min Scan# 455
Delta R.T. -0.006 min
Lab File: VN074898.D
Acq: 13 Oct 2022 16:45

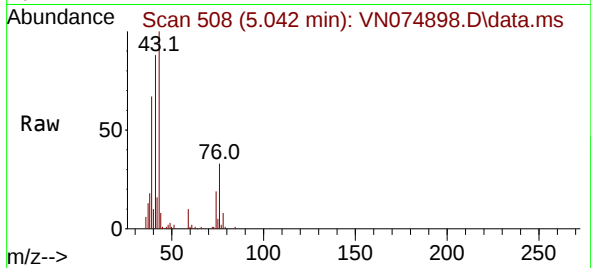
Tgt Ion: 76 Resp: 218062
Ion Ratio Lower Upper
76 100
78 7.9 7.2 10.8





#17
 Allyl chloride
 Concen: 17.099 ug/l
 RT: 5.042 min Scan# 508
 Delta R.T. -0.000 min
 Lab File: VN074898.D
 Acq: 13 Oct 2022 16:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

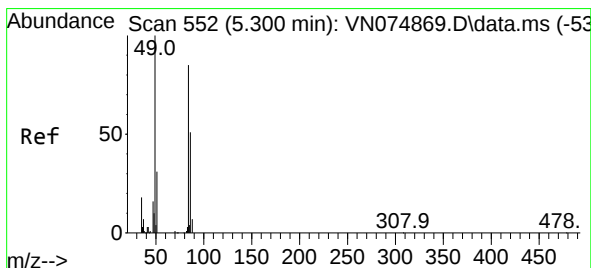
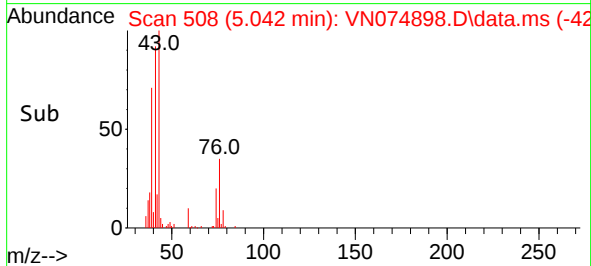
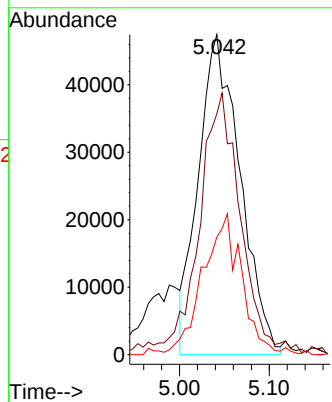


Tgt Ion:	41	Resp:	153270
Ion	Ratio	Lower	Upper
41	100		
39	73.5	39.1	117.5
76	36.5	19.8	59.4

Manual Integrations
 APPROVED

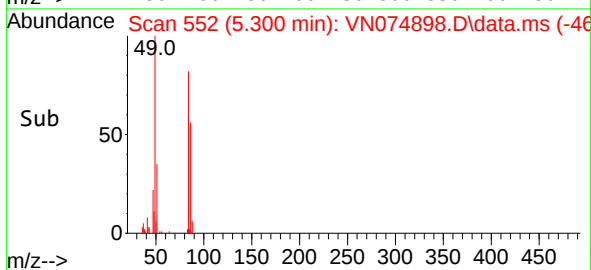
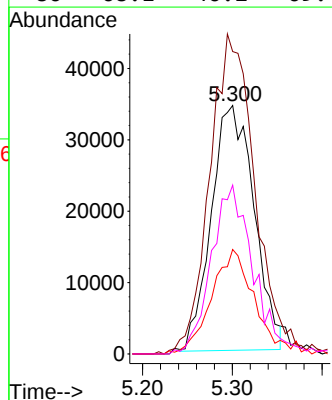
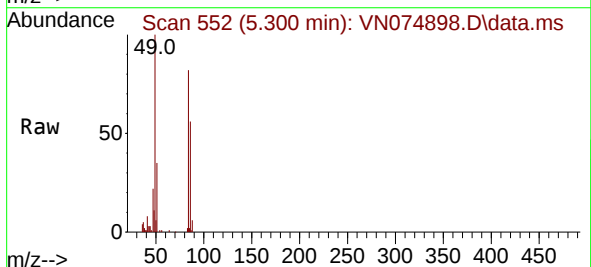
Reviewed By :John
 Carlone
 10/14/2022

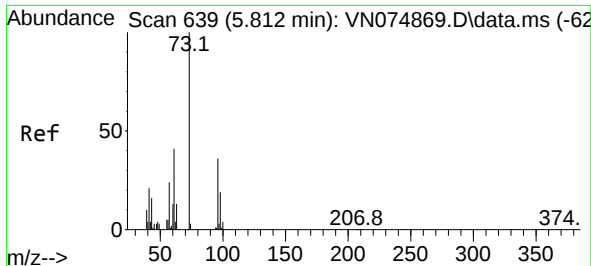
Supervised By :Mahesh
 Dadoda
 10/14/2022



#18
 Methylene Chloride
 Concen: 19.486 ug/l
 RT: 5.300 min Scan# 552
 Delta R.T. -0.000 min
 Lab File: VN074898.D
 Acq: 13 Oct 2022 16:45

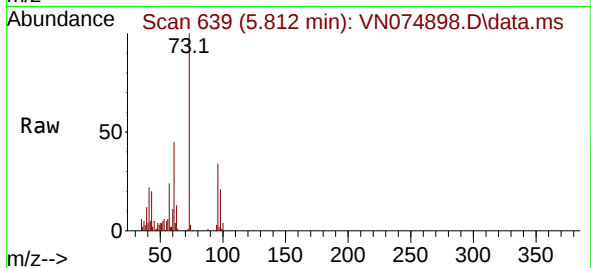
Tgt Ion:	84	Resp:	113768
Ion	Ratio	Lower	Upper
84	100		
49	118.0	99.6	149.4
51	41.2	28.2	42.2
86	68.1	46.2	69.4





#19
trans-1,2-Dichloroethene
Concen: 19.200 ug/l
RT: 5.812 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN074898.D
Acq: 13 Oct 2022 16:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

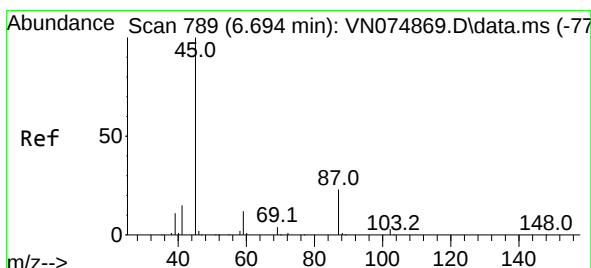
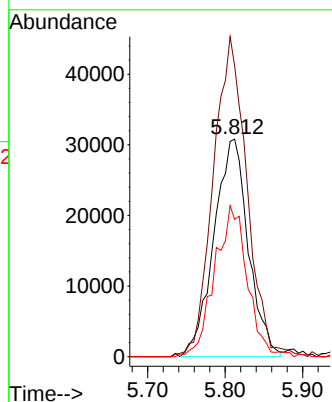
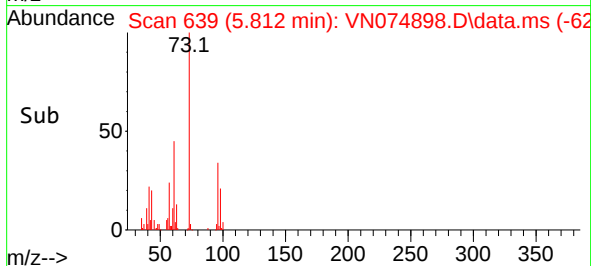


Tgt Ion: 96 Resp: 9489
Ion Ratio Lower Upper
96 100
61 132.3 110.2 165.4
98 61.9 50.0 75.0

Manual Integrations
APPROVED

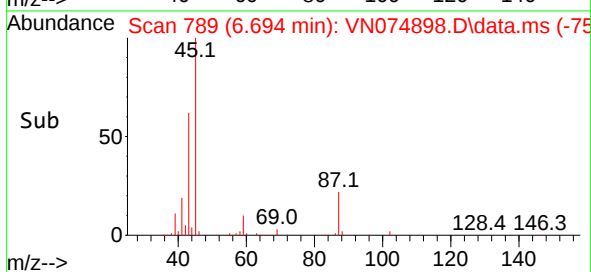
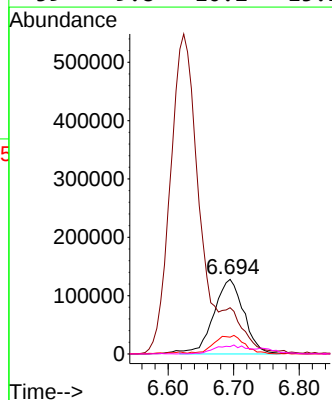
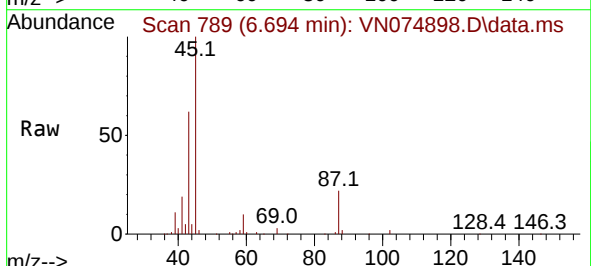
Reviewed By :John
Carlone
10/14/2022

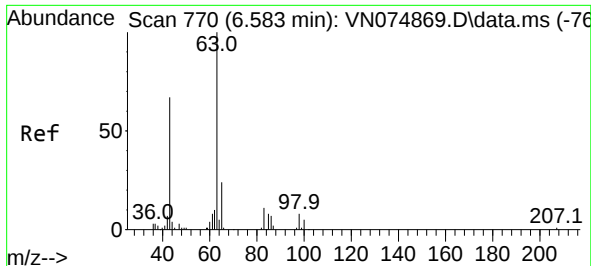
Supervised By :Mahesh
Dadoda
10/14/2022



#20
Diisopropyl ether
Concen: 19.342 ug/l
RT: 6.694 min Scan# 789
Delta R.T. -0.000 min
Lab File: VN074898.D
Acq: 13 Oct 2022 16:45

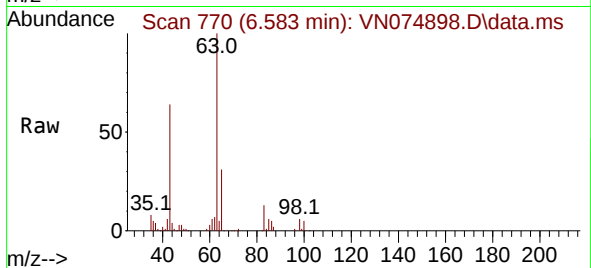
Tgt Ion: 45 Resp: 404750
Ion Ratio Lower Upper
45 100
43 58.2 47.3 70.9
87 22.2 21.8 32.8
59 9.8 10.2 15.2#





#21
1,1-Dichloroethane
Concen: 19.599 ug/l
RT: 6.583 min Scan# 770
Delta R.T. -0.000 min
Lab File: VN074898.D
Acq: 13 Oct 2022 16:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

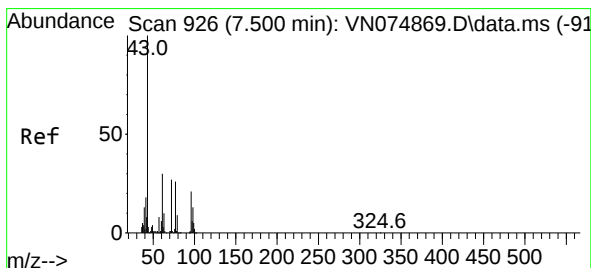
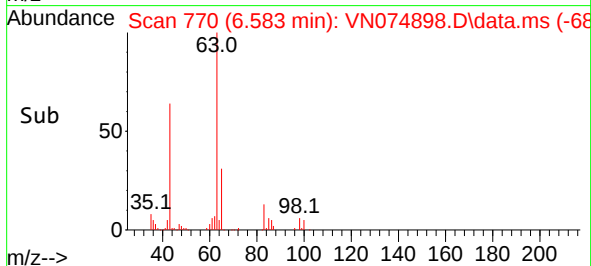
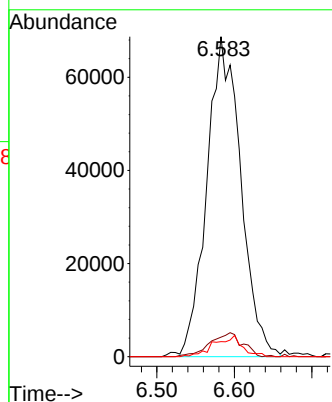


Tgt Ion: 63 Resp: 208659
Ion Ratio Lower Upper
63 100
98 6.2 3.3 9.9
100 4.7 2.2 6.6

Manual Integrations
APPROVED

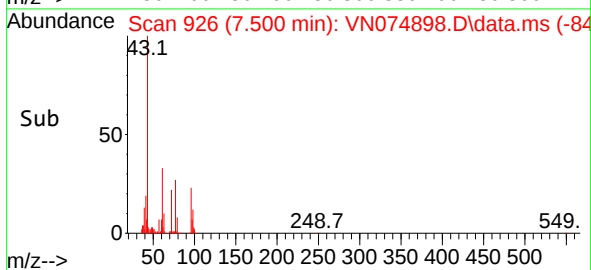
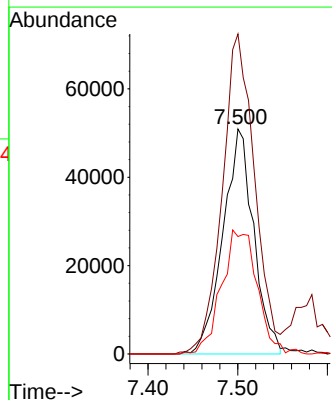
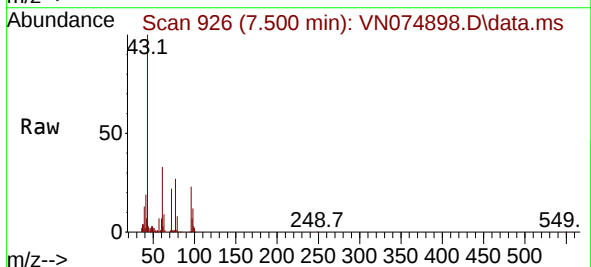
Reviewed By :John
Carlone
10/14/2022

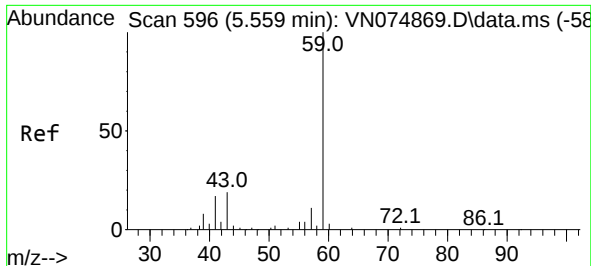
Supervised By :Mahesh
Dadoda
10/14/2022



#22
cis-1,2-Dichloroethene
Concen: 19.561 ug/l
RT: 7.500 min Scan# 926
Delta R.T. -0.000 min
Lab File: VN074898.D
Acq: 13 Oct 2022 16:45

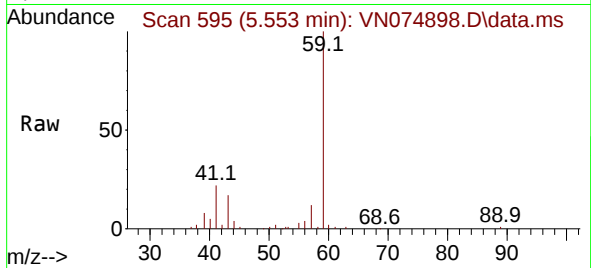
Tgt Ion: 96 Resp: 121069
Ion Ratio Lower Upper
96 100
61 149.9 118.8 178.2
98 32.3 52.1 78.1#





#23
tert-Butyl Alcohol
Concen: 85.766 ug/l
RT: 5.553 min Scan# 596
Delta R.T. -0.006 min
Lab File: VN074898.D
Acq: 13 Oct 2022 16:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

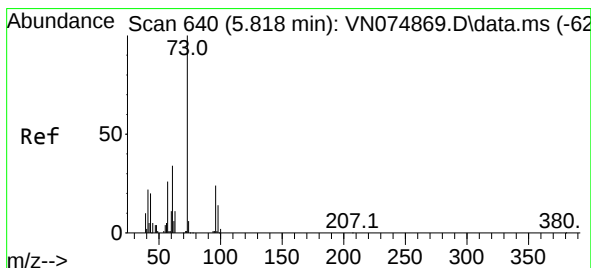
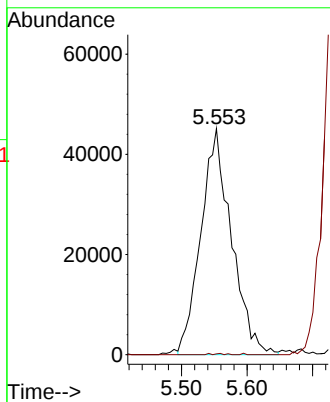
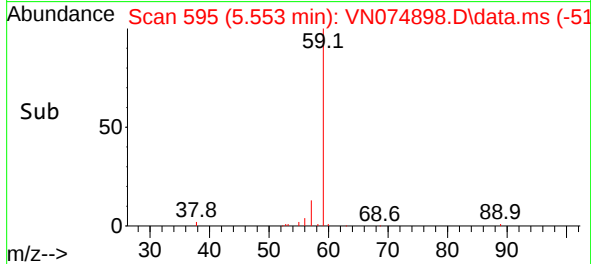


Tgt Ion: 59 Resp: 146270
Ion Ratio Lower Upper
59 100
52 0.1 0.2 0.4

Manual Integrations
APPROVED

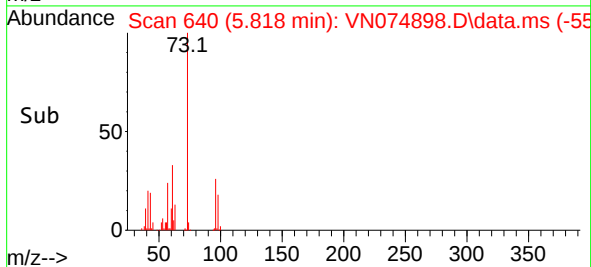
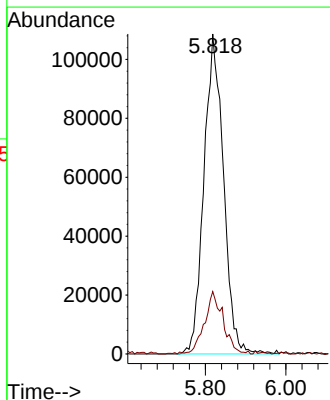
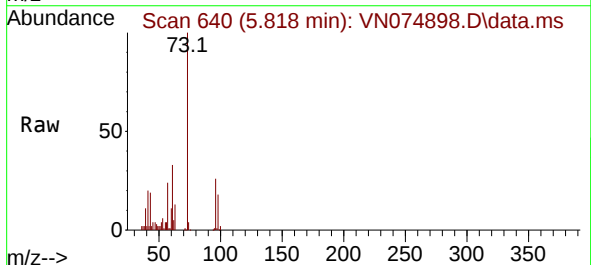
Reviewed By :John
Carlone
10/14/2022

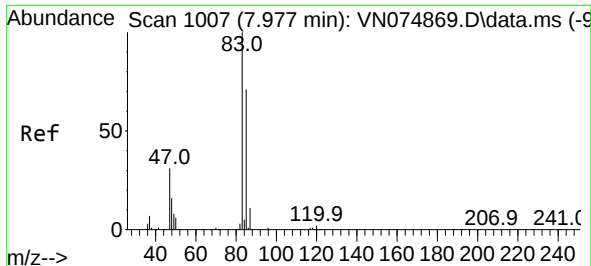
Supervised By :Mahesh
Dadoda
10/14/2022



#24
Methyl tert-Butyl Ether
Concen: 19.513 ug/l m
RT: 5.818 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN074898.D
Acq: 13 Oct 2022 16:45

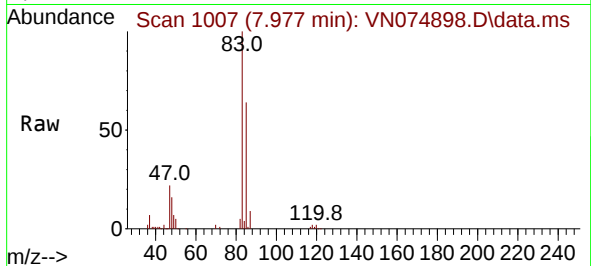
Tgt Ion: 73 Resp: 366928
Ion Ratio Lower Upper
73 100
43 0.0 15.6 23.4





#25
Chloroform
Concen: 19.979 ug/l
RT: 7.977 min Scan# 1007
Delta R.T. -0.000 min
Lab File: VN074898.D
Acq: 13 Oct 2022 16:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

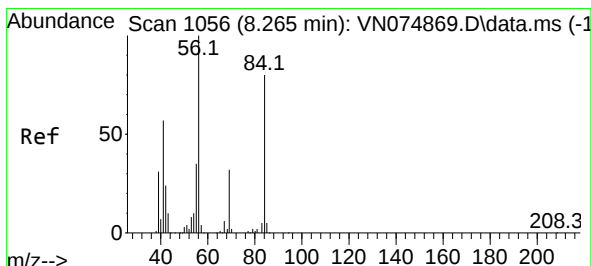
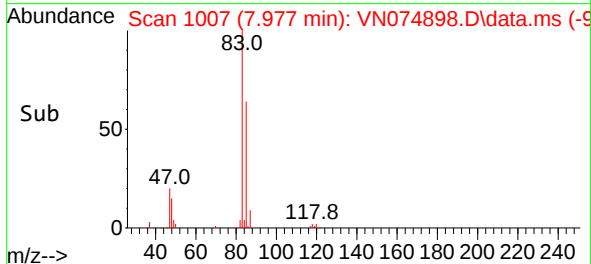
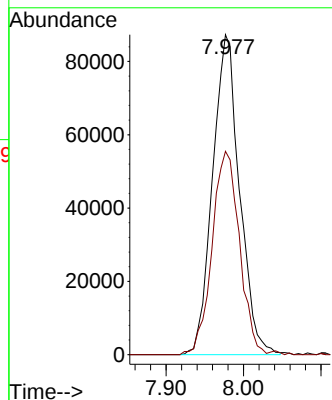


Tgt Ion: 83 Resp: 21122
Ion Ratio Lower Upper
83 100
85 63.5 53.6 80.4

Manual Integrations
APPROVED

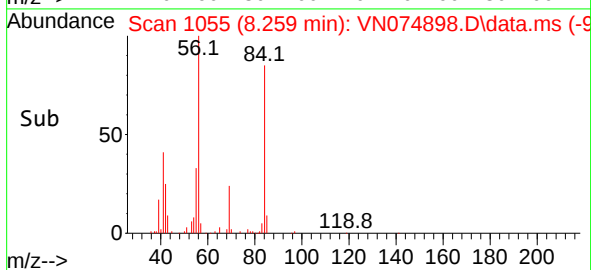
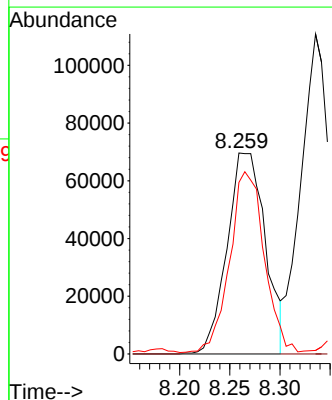
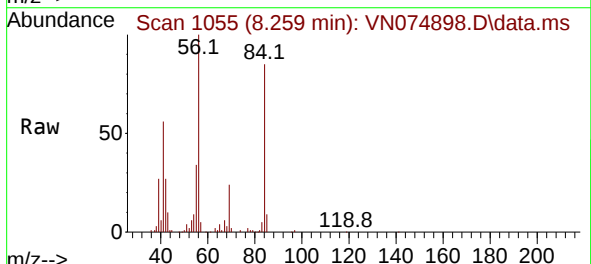
Reviewed By :John
Carlone
10/14/2022

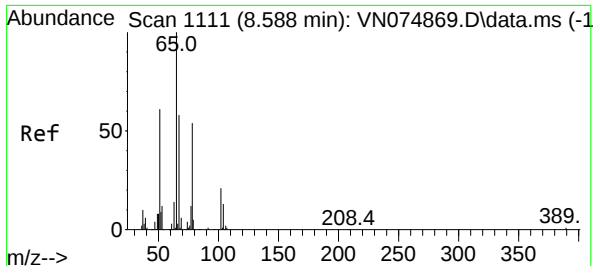
Supervised By :Mahesh
Dadoda
10/14/2022



#26
Cyclohexane
Concen: 19.757 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN074898.D
Acq: 13 Oct 2022 16:45

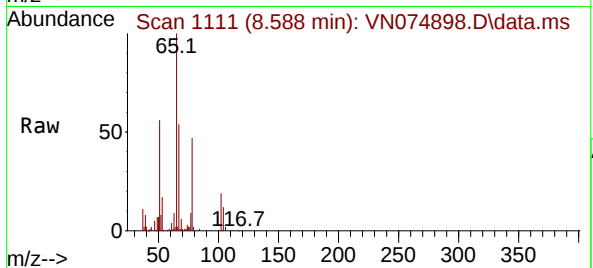
Tgt Ion: 56 Resp: 184759
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 81.0 68.4 102.6





#27
1,2-Dichloroethane-d4
Concen: 30.393 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VN074898.D
Acq: 13 Oct 2022 16:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

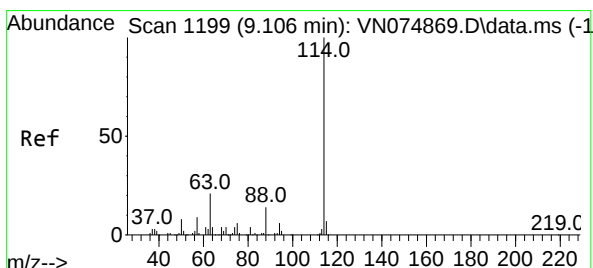
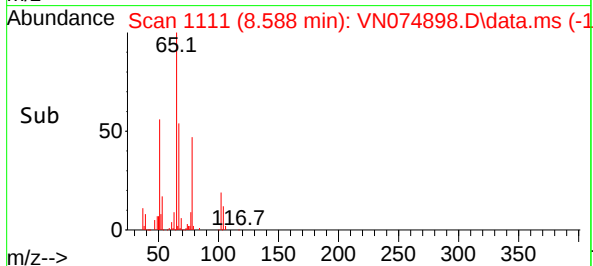
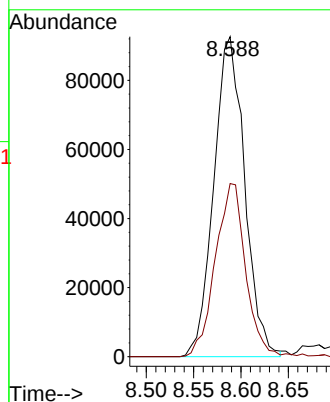


Tgt Ion: 65 Resp: 209928
Ion Ratio Lower Upper
65 100
67 52.8 45.2 67.8

Manual Integrations
APPROVED

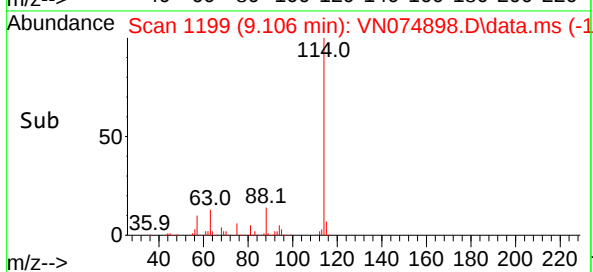
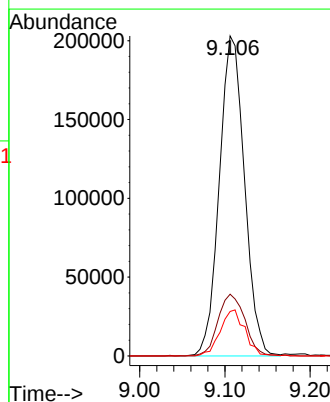
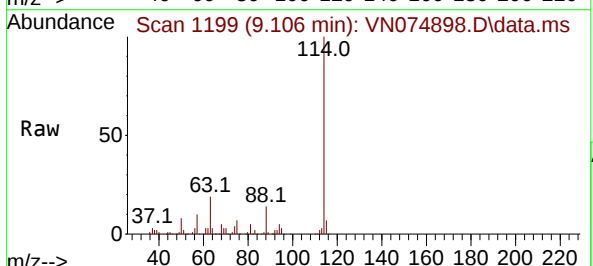
Reviewed By :John
Carlone
10/14/2022

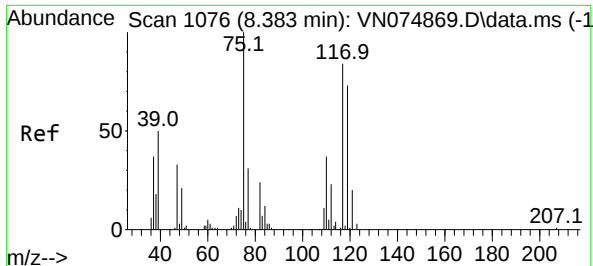
Supervised By :Mahesh
Dadoda
10/14/2022



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VN074898.D
Acq: 13 Oct 2022 16:45

Tgt Ion:114 Resp: 416169
Ion Ratio Lower Upper
114 100
63 20.7 16.6 25.0
88 14.0 12.2 18.4





#29
1,1-Dichloropropene
Concen: 19.264 ug/l
RT: 8.383 min Scan# 1076
Delta R.T. -0.000 min
Lab File: VN074898.D
Acq: 13 Oct 2022 16:45

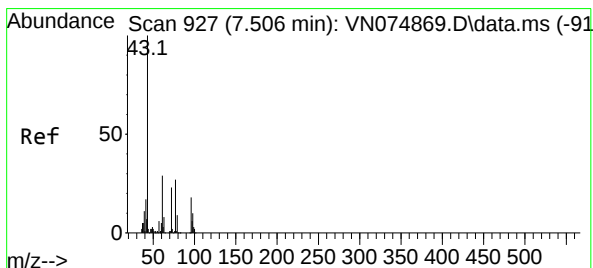
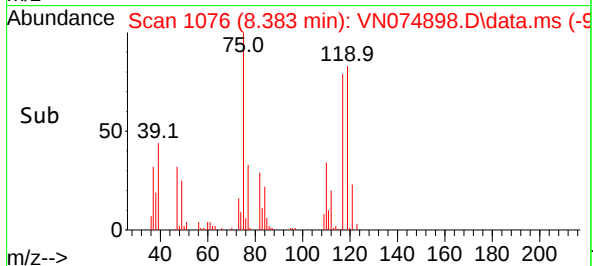
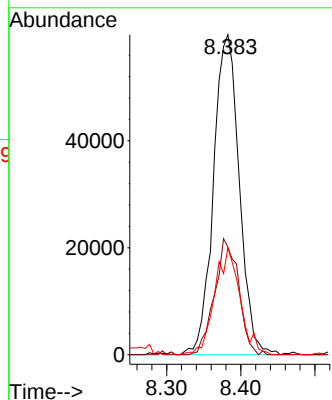
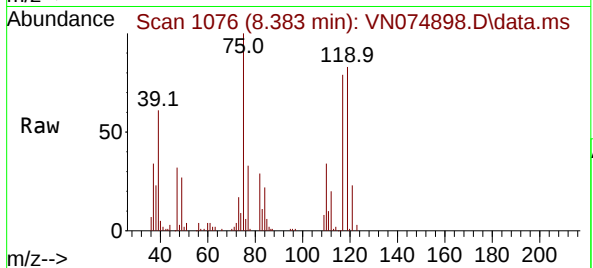
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 75 Resp: 14465
Ion Ratio Lower Upper
75 100
110 33.4 0.0 72.2
77 32.6 0.0 64.0

Manual Integrations
APPROVED

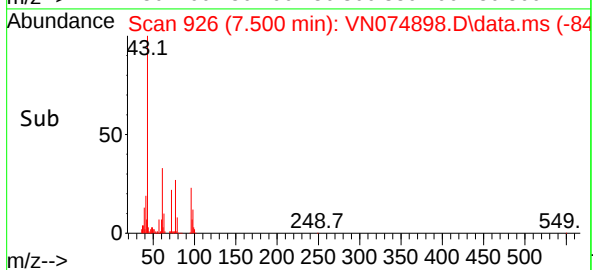
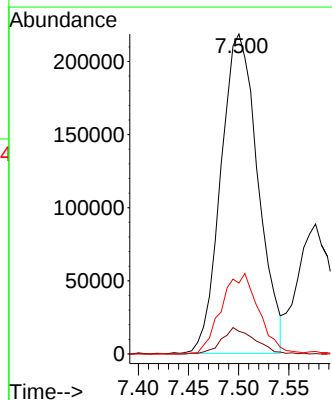
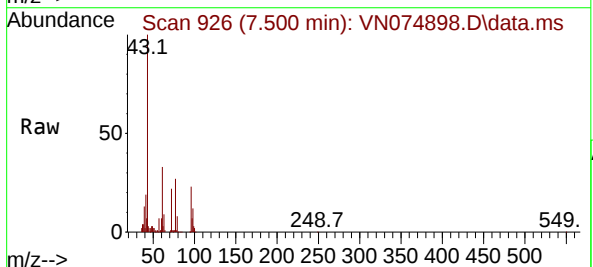
Reviewed By :John
Carlone
10/14/2022

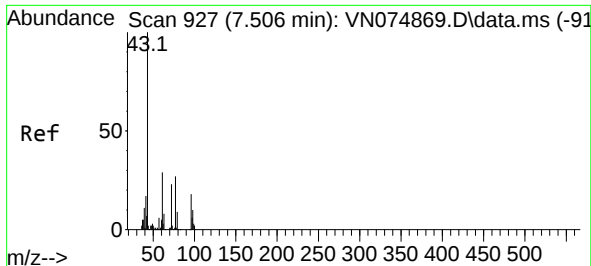
Supervised By :Mahesh
Dadoda
10/14/2022



#30
2-Butanone
Concen: 94.041 ug/l
RT: 7.500 min Scan# 926
Delta R.T. -0.006 min
Lab File: VN074898.D
Acq: 13 Oct 2022 16:45

Tgt Ion: 43 Resp: 563428
Ion Ratio Lower Upper
43 100
57 7.4 6.3 9.5
72 13.2 21.0 31.4#





#31

2,2-Dichloropropane

Concen: 18.436 ug/l

RT: 7.500 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN074898.D

Acq: 13 Oct 2022 16:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 77 Resp: 16946

Ion Ratio Lower Upper

77 100

97 24.0 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :John

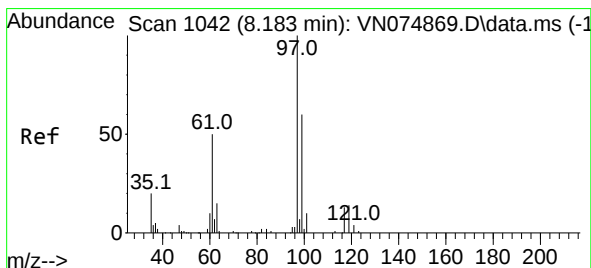
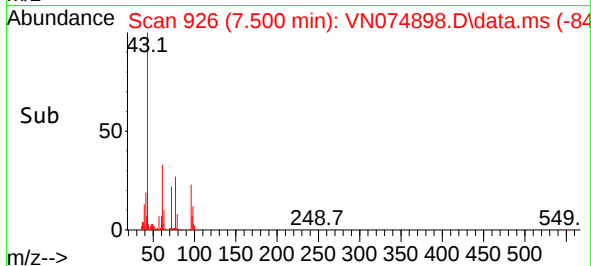
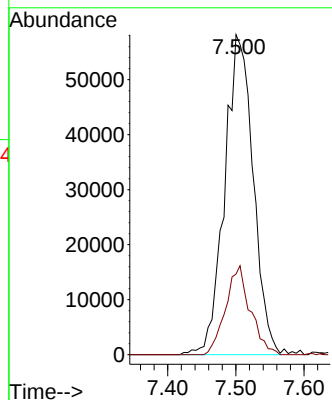
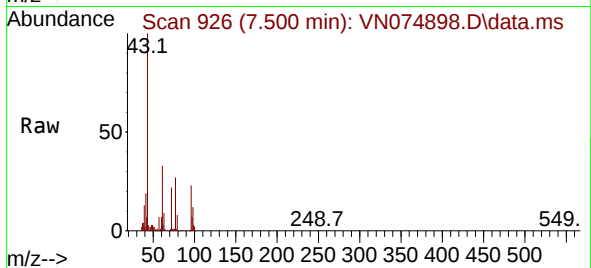
Carlone

10/14/2022

Supervised By :Mahesh

Dadoda

10/14/2022



#32

1,1,1-Trichloroethane

Concen: 19.350 ug/l

RT: 8.183 min Scan# 1042

Delta R.T. -0.000 min

Lab File: VN074898.D

Acq: 13 Oct 2022 16:45

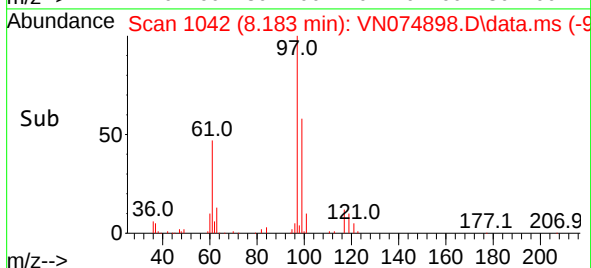
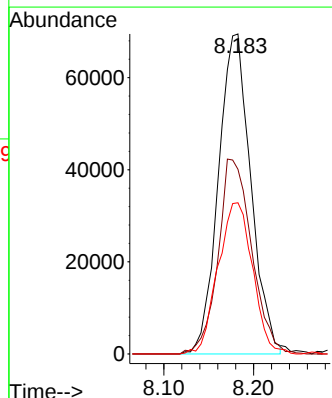
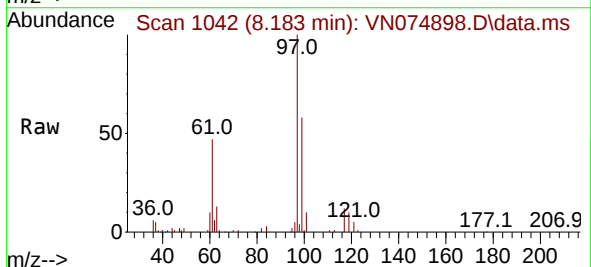
Tgt Ion: 97 Resp: 174246

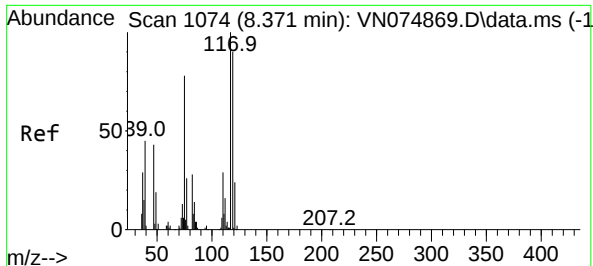
Ion Ratio Lower Upper

97 100

99 63.2 50.0 75.0

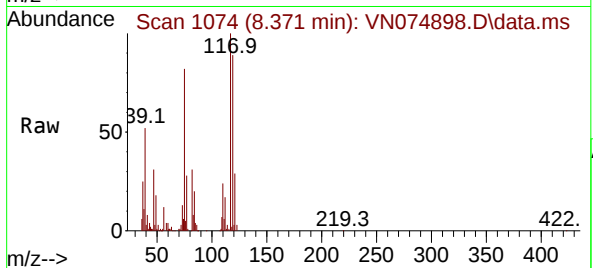
61 50.4 36.1 54.1





#33
Carbon Tetrachloride
Concen: 19.870 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. -0.000 min
Lab File: VN074898.D
Acq: 13 Oct 2022 16:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

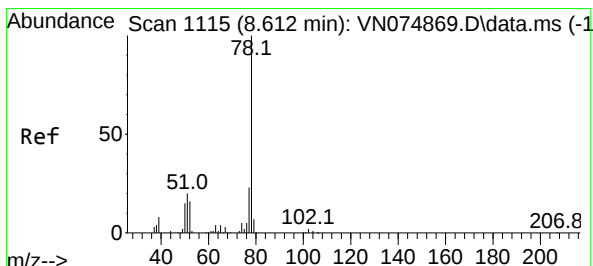
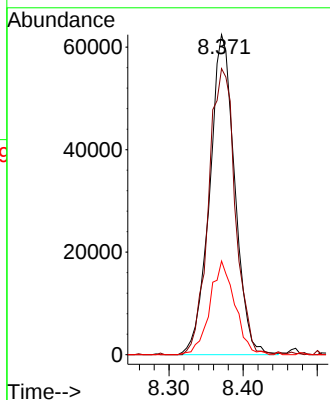
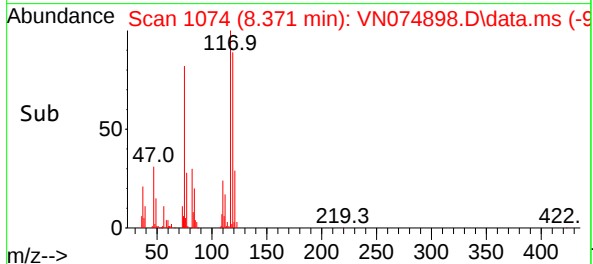


Tgt Ion: 117 Resp: 146940
Ion Ratio Lower Upper
117 100
119 89.4 77.8 116.6
121 29.3 27.6 41.4

Manual Integrations
APPROVED

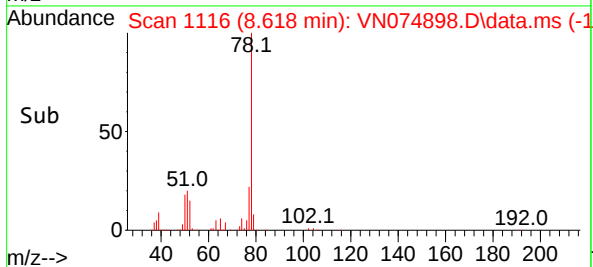
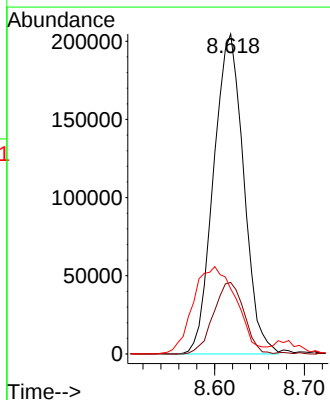
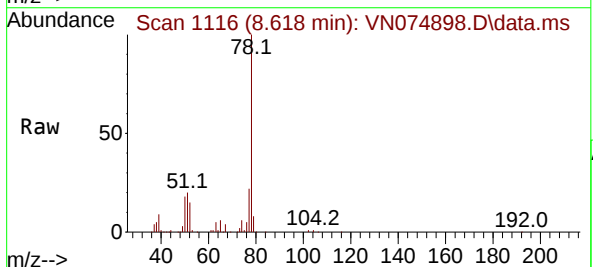
Reviewed By :John
Carlone
10/14/2022

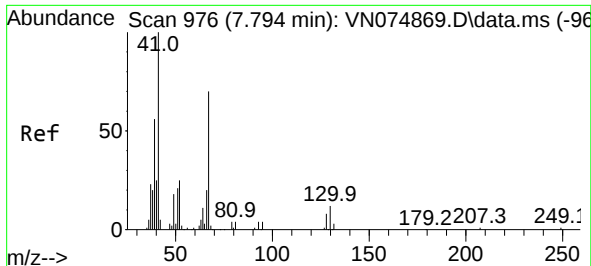
Supervised By :Mahesh
Dadoda
10/14/2022



#34
Benzene
Concen: 19.201 ug/l
RT: 8.618 min Scan# 1116
Delta R.T. 0.006 min
Lab File: VN074898.D
Acq: 13 Oct 2022 16:45

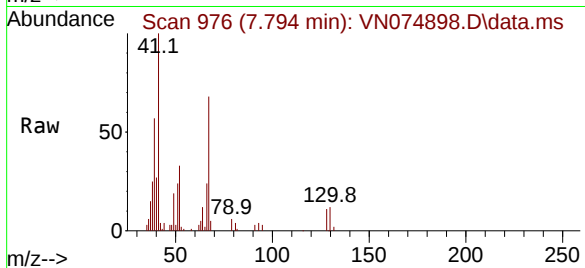
Tgt Ion: 78 Resp: 476600
Ion Ratio Lower Upper
78 100
77 22.3 19.9 29.9
51 16.8 21.1 31.7#





#35
Methacrylonitrile
Concen: 17.954 ug/l
RT: 7.794 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN074898.D
Acq: 13 Oct 2022 16:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

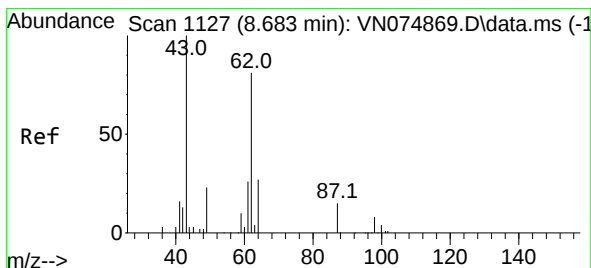
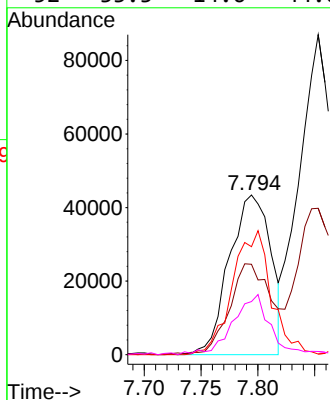
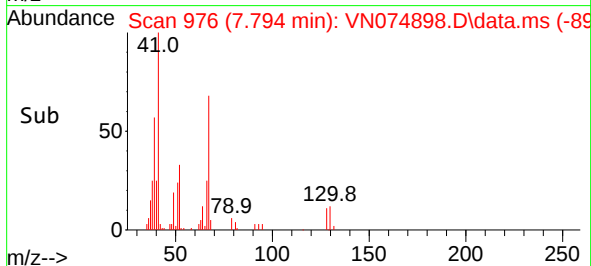


Tgt Ion: 41 Resp: 11055
Ion Ratio Lower Upper
41 100
39 55.6 27.7 83.1
67 67.7 38.0 113.9
52 33.3 14.6 44.0

Manual Integrations
APPROVED

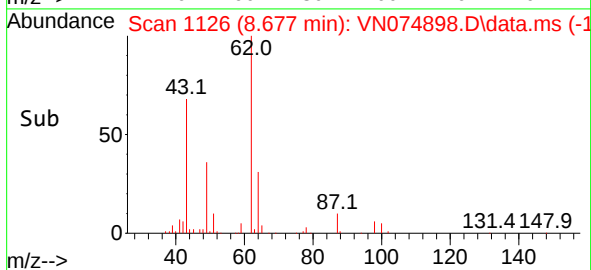
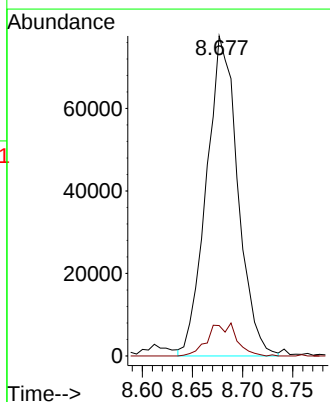
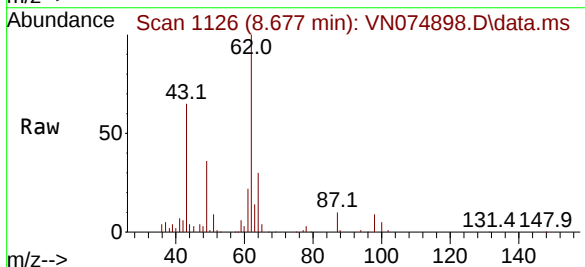
Reviewed By :John
Carlone
10/14/2022

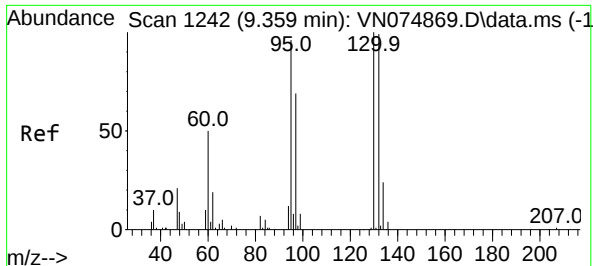
Supervised By :Mahesh
Dadoda
10/14/2022



#36
1,2-Dichloroethane
Concen: 20.425 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN074898.D
Acq: 13 Oct 2022 16:45

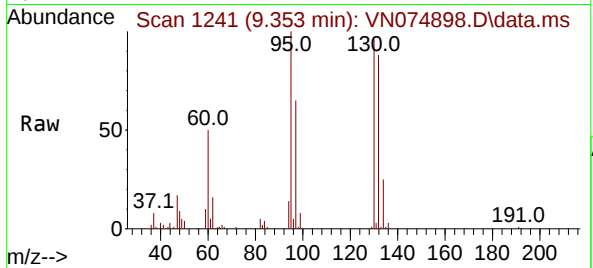
Tgt Ion: 62 Resp: 168829
Ion Ratio Lower Upper
62 100
98 6.0 7.4 11.2#





#37
Trichloroethene
Concen: 20.060 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. -0.006 min
Lab File: VN074898.D
Acq: 13 Oct 2022 16:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

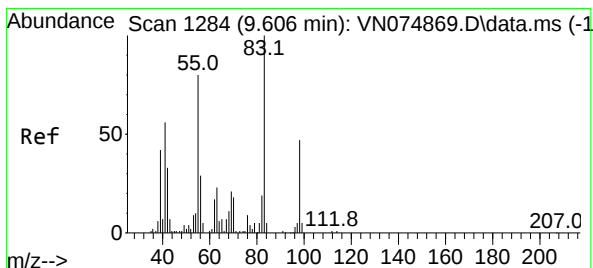
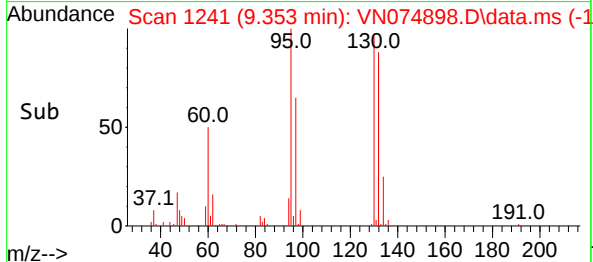
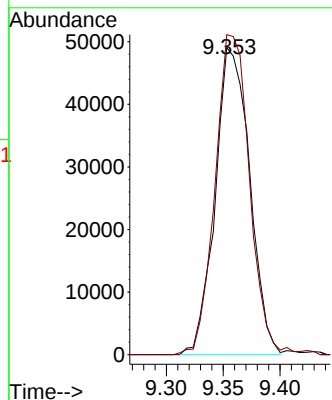


Tgt Ion:130 Resp: 10355
Ion Ratio Lower Upper
130 100
95 103.6 75.9 113.9

Manual Integrations
APPROVED

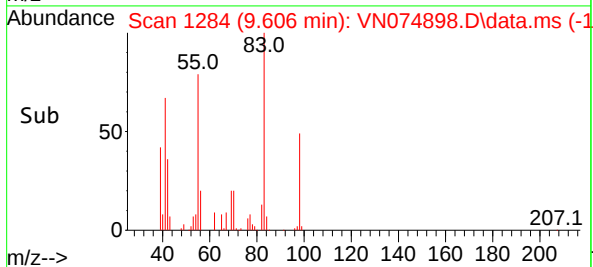
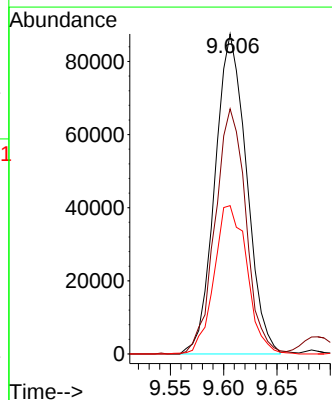
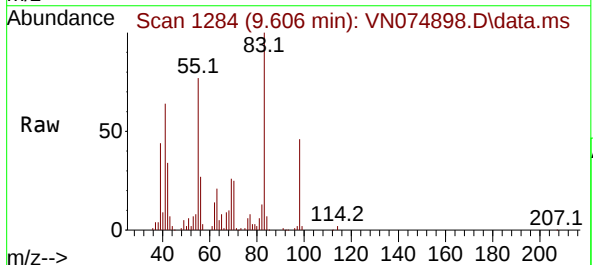
Reviewed By :John
Carlone
10/14/2022

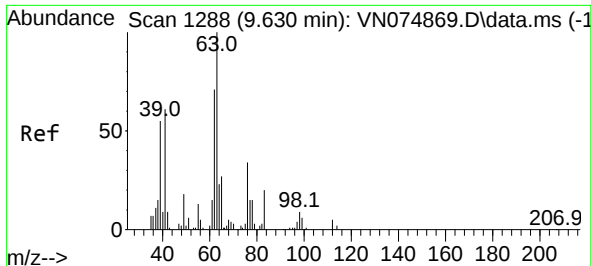
Supervised By :Mahesh
Dadoda
10/14/2022



#38
Methylcyclohexane
Concen: 19.784 ug/l
RT: 9.606 min Scan# 1284
Delta R.T. -0.000 min
Lab File: VN074898.D
Acq: 13 Oct 2022 16:45

Tgt Ion: 83 Resp: 180474
Ion Ratio Lower Upper
83 100
55 74.8 37.4 112.2
98 48.2 24.5 73.5





#39

1,2-Dichloropropane

Concen: 19.729 ug/l

RT: 9.630 min Scan# 1288

Delta R.T. -0.000 min

Lab File: VN074898.D

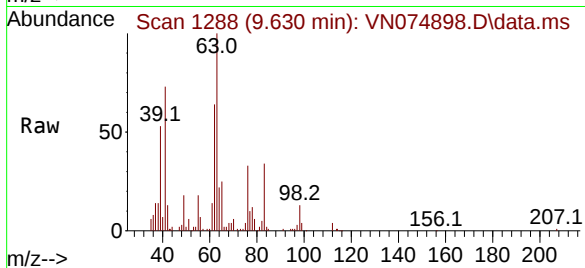
Acq: 13 Oct 2022 16:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



Tgt Ion: 63 Resp: 12694

Ion Ratio Lower Upper

63 100

65 25.0 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John

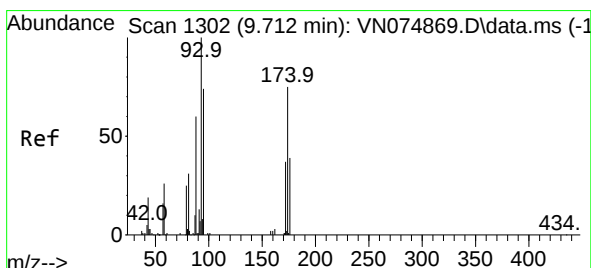
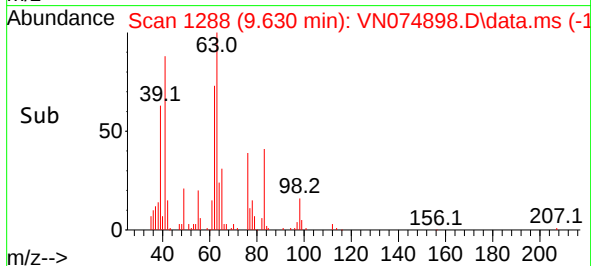
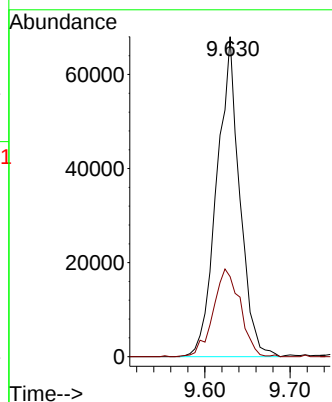
Carlone

10/14/2022

Supervised By :Mahesh

Dadoda

10/14/2022



#40

Dibromomethane

Concen: 20.116 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN074898.D

Acq: 13 Oct 2022 16:45

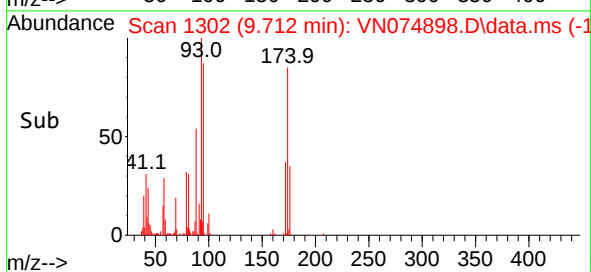
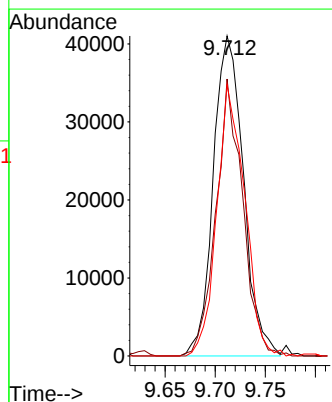
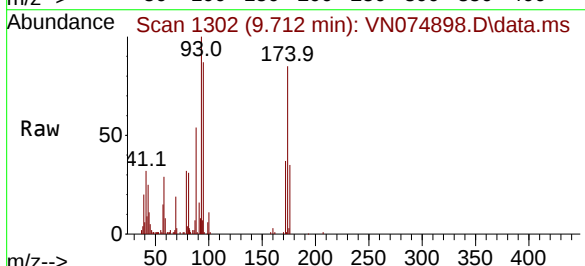
Tgt Ion: 93 Resp: 85771

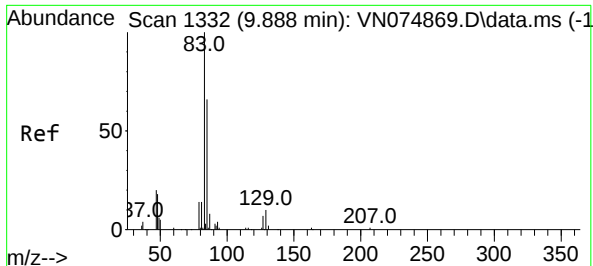
Ion Ratio Lower Upper

93 100

95 76.6 0.0 168.0

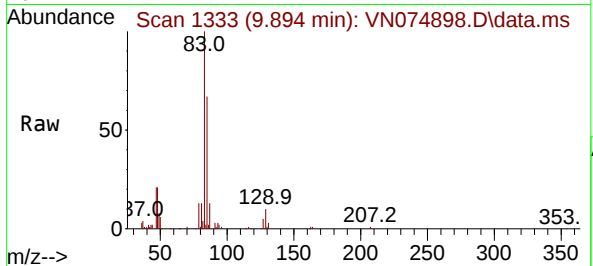
174 78.5 0.0 158.4





#41
Bromodichloromethane
Concen: 18.823 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN074898.D
Acq: 13 Oct 2022 16:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

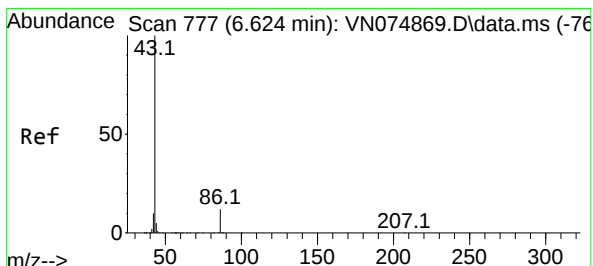
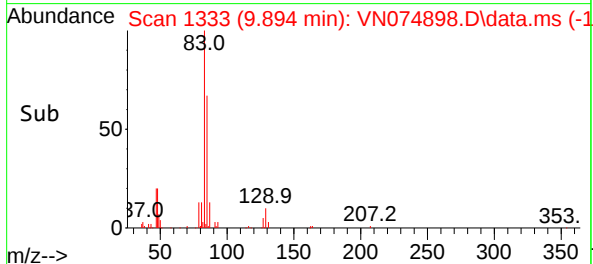
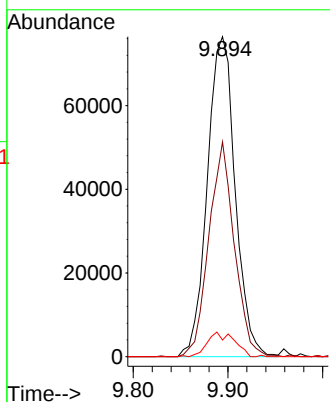


Tgt Ion: 83 Resp: 156307
Ion Ratio Lower Upper
83 100
85 67.1 50.2 75.4
127 5.2 5.1 7.7

Manual Integrations
APPROVED

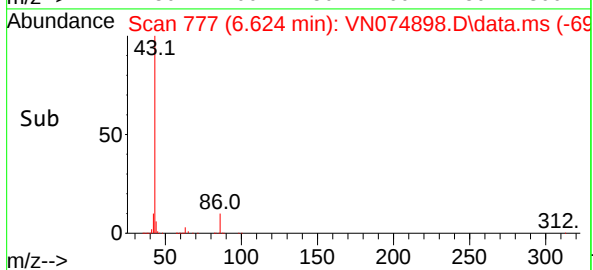
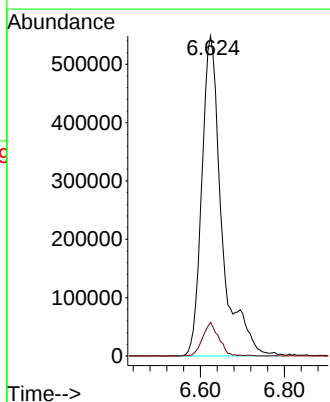
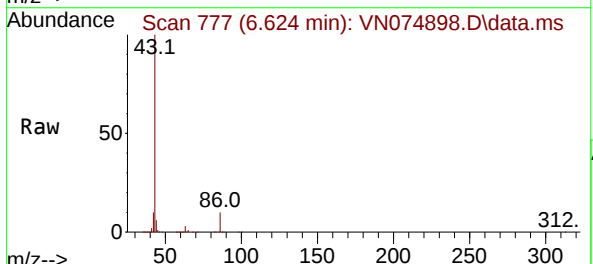
Reviewed By :John
Carlone
10/14/2022

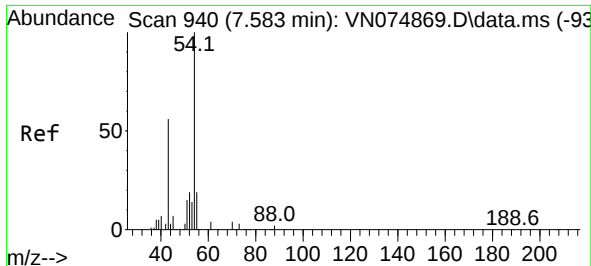
Supervised By :Mahesh
Dadoda
10/14/2022



#42
Vinyl Acetate
Concen: 101.432 ug/l m
RT: 6.624 min Scan# 777
Delta R.T. -0.000 min
Lab File: VN074898.D
Acq: 13 Oct 2022 16:45

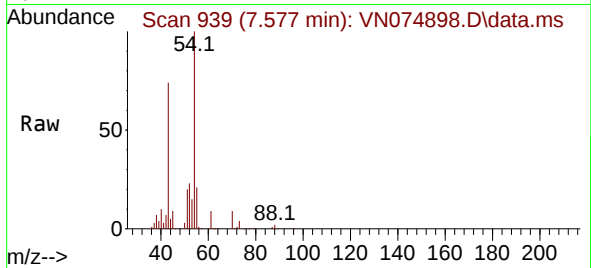
Tgt Ion: 43 Resp: 1810251
Ion Ratio Lower Upper
43 100
86 8.4 7.5 11.3





#43
Ethyl Acetate
Concen: 17.407 ug/l
RT: 7.577 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN074898.D
Acq: 13 Oct 2022 16:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

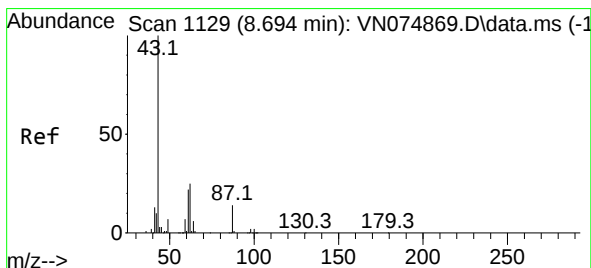
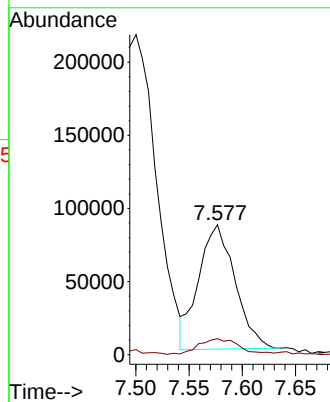
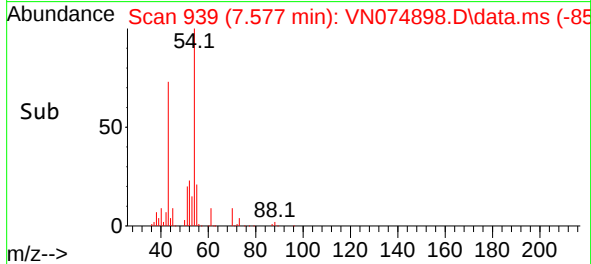


Tgt Ion: 43 Resp: 20277
Ion Ratio Lower Upper
43 100
45 14.4 11.5 17.3

Manual Integrations
APPROVED

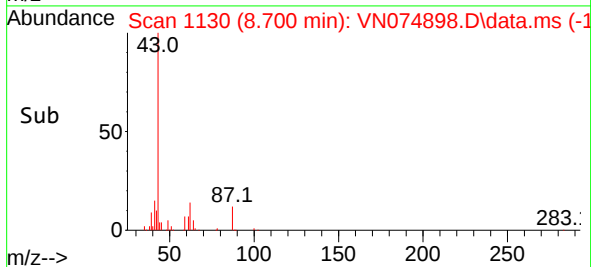
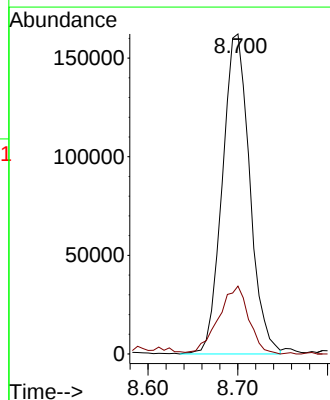
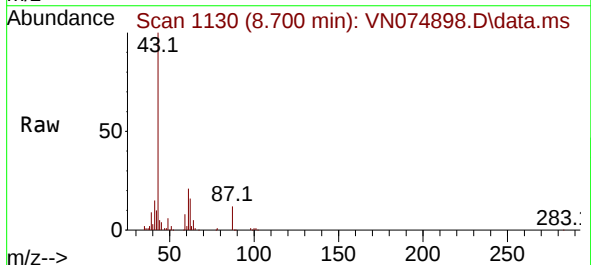
Reviewed By :John
Carlone
10/14/2022

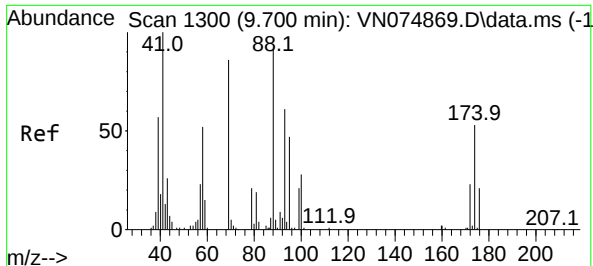
Supervised By :Mahesh
Dadoda
10/14/2022



#44
Isopropyl Acetate
Concen: 19.048 ug/l
RT: 8.700 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VN074898.D
Acq: 13 Oct 2022 16:45

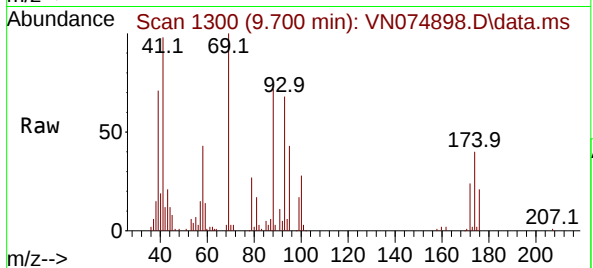
Tgt Ion: 43 Resp: 343116
Ion Ratio Lower Upper
43 100
61 23.5 19.5 29.3





#45
1,4-Dioxane
Concen: 360.458 ug/l
RT: 9.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074898.D
Acq: 13 Oct 2022 16:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

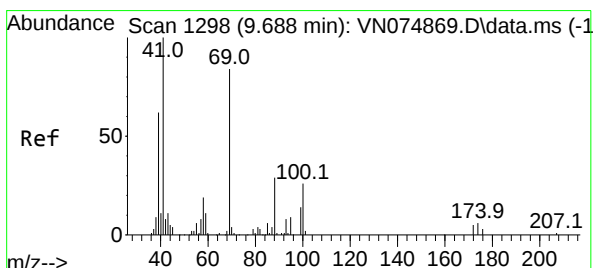
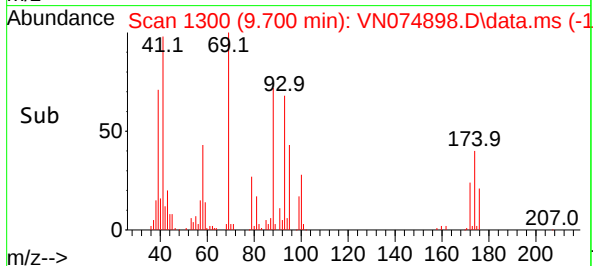
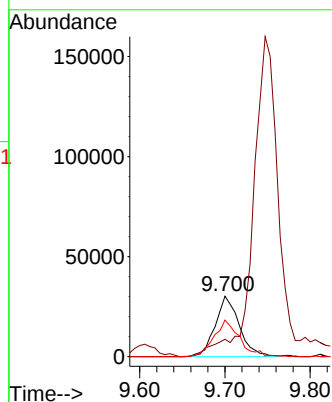


Tgt Ion: 88 Resp: 59540
Ion Ratio Lower Upper
88 100
43 24.5 25.7 38.5
58 61.2 53.4 80.2

Manual Integrations
APPROVED

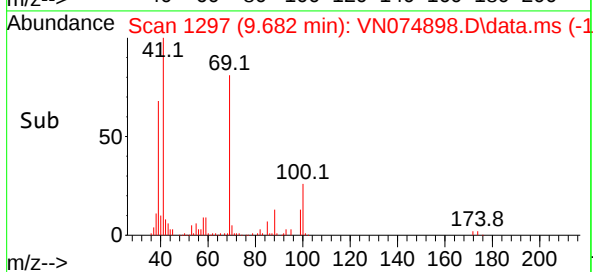
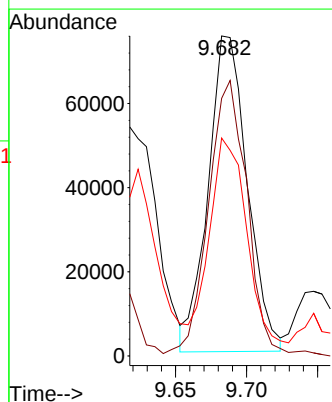
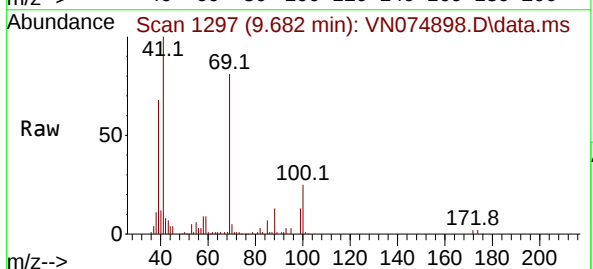
Reviewed By :John
Carlone
10/14/2022

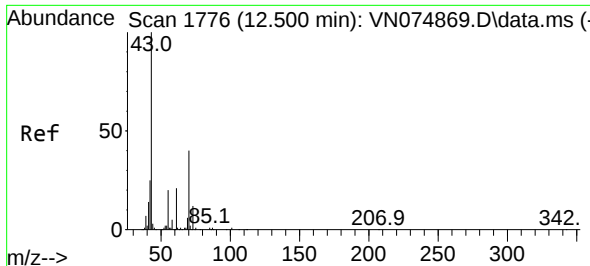
Supervised By :Mahesh
Dadoda
10/14/2022



#46
Methyl methacrylate
Concen: 18.441 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. -0.006 min
Lab File: VN074898.D
Acq: 13 Oct 2022 16:45

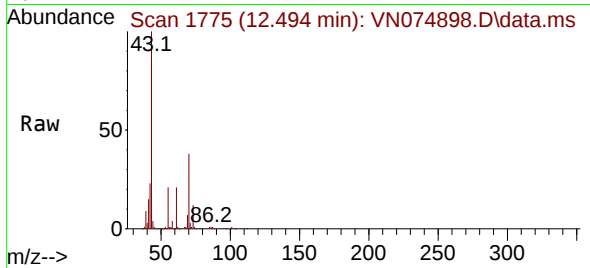
Tgt Ion: 41 Resp: 143865
Ion Ratio Lower Upper
41 100
69 82.8 45.6 136.7
39 67.1 32.3 96.9





#47
n-amy1 Acetate
Concen: 18.639 ug/l
RT: 12.494 min Scan# 1776
Delta R.T. -0.006 min
Lab File: VN074898.D
Acq: 13 Oct 2022 16:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

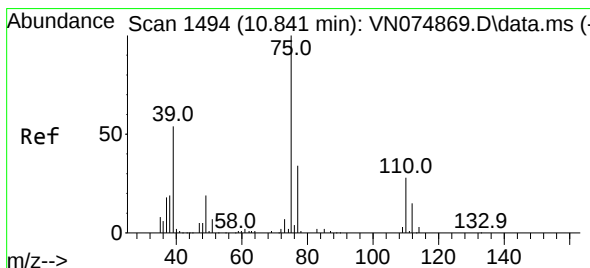
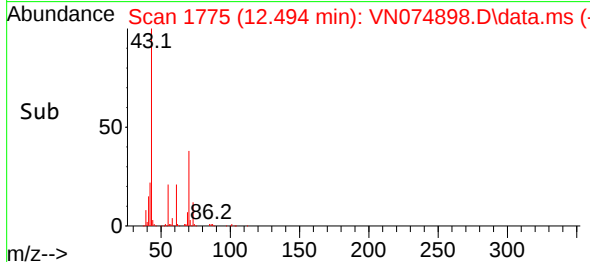
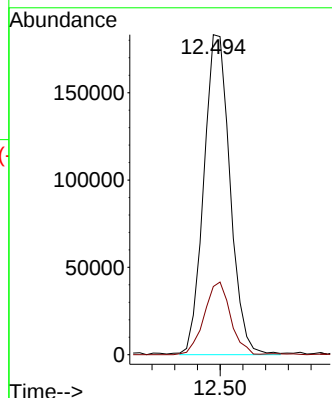


Tgt Ion: 43 Resp: 29377
Ion Ratio Lower Upper
43 100
55 22.7 16.8 25.2

Manual Integrations
APPROVED

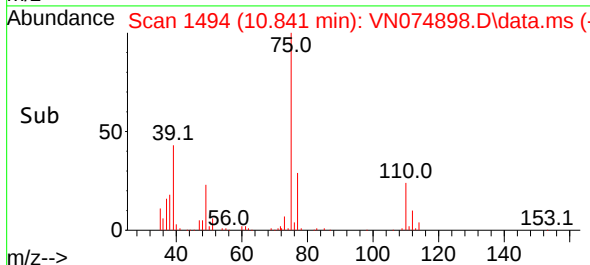
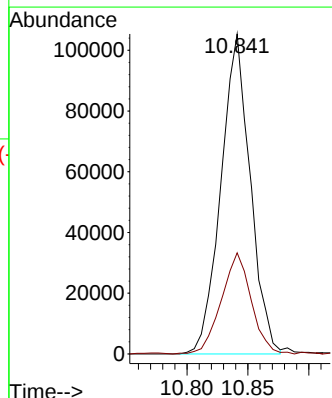
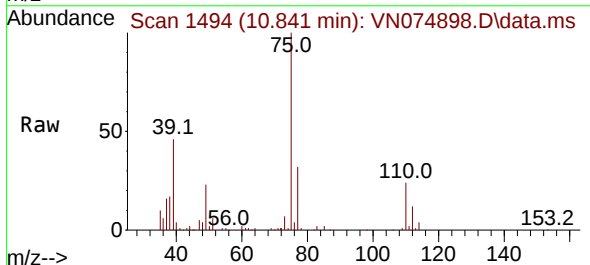
Reviewed By :John
Carlone
10/14/2022

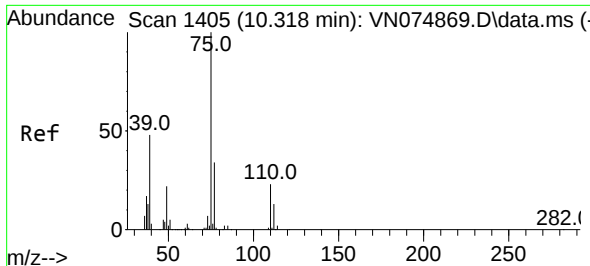
Supervised By :Mahesh
Dadoda
10/14/2022



#48
t-1,3-Dichloropropene
Concen: 18.533 ug/l
RT: 10.841 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VN074898.D
Acq: 13 Oct 2022 16:45

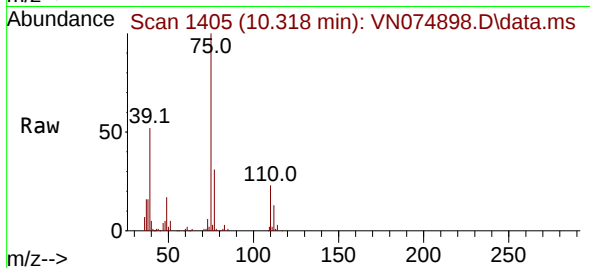
Tgt Ion: 75 Resp: 176573
Ion Ratio Lower Upper
75 100
77 31.4 25.8 38.8





#49
cis-1,3-Dichloropropene
Concen: 18.975 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. -0.000 min
Lab File: VN074898.D
Acq: 13 Oct 2022 16:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

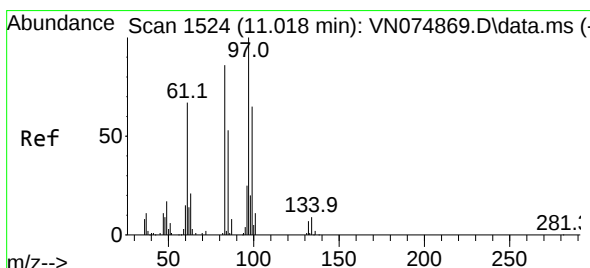
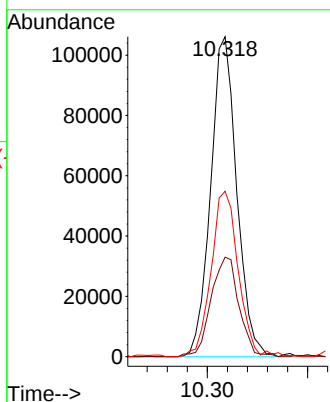
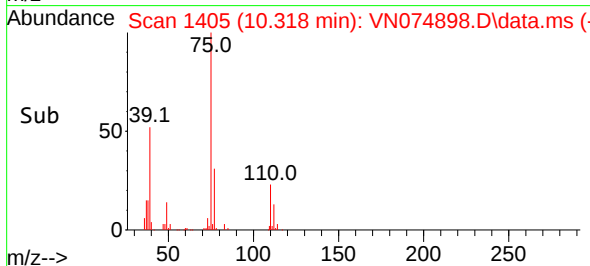


Tgt Ion: 75 Resp: 19170
Ion Ratio Lower Upper
75 100
77 31.1 22.5 33.7
39 51.7 37.6 56.4

Manual Integrations
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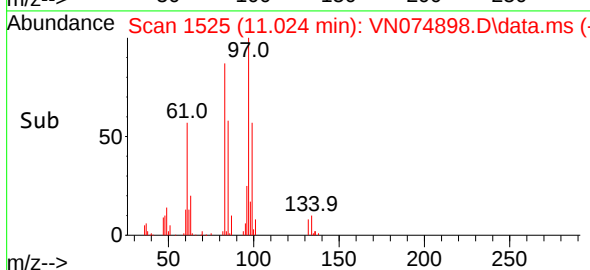
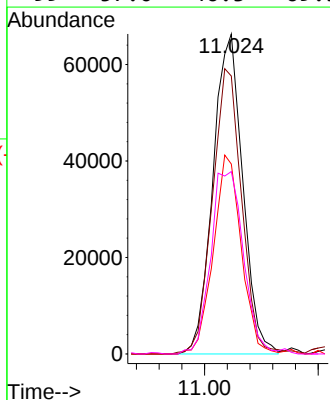
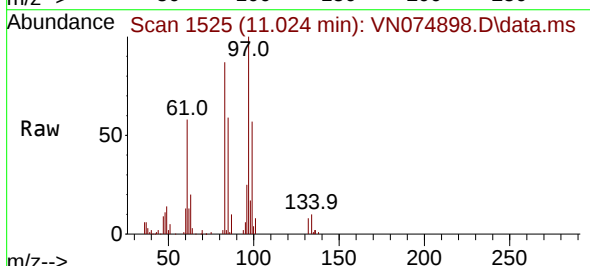
Reviewed By :John
Carlone
10/14/2022

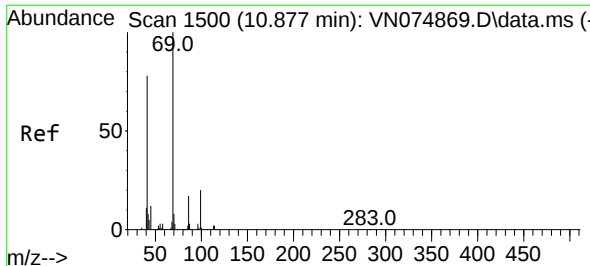
Supervised By :Mahesh
Dadoda
10/14/2022



#50
1,1,2-Trichloroethane
Concen: 19.225 ug/l
RT: 11.024 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VN074898.D
Acq: 13 Oct 2022 16:45

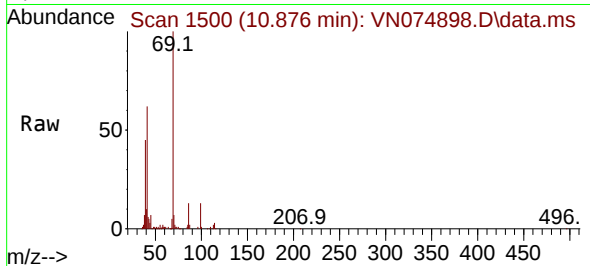
Tgt Ion: 97 Resp: 120629
Ion Ratio Lower Upper
97 100
83 86.3 69.2 103.8
85 59.4 41.4 62.2
99 57.0 46.3 69.5





#51
Ethyl methacrylate
Concen: 18.880 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN074898.D
Acq: 13 Oct 2022 16:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

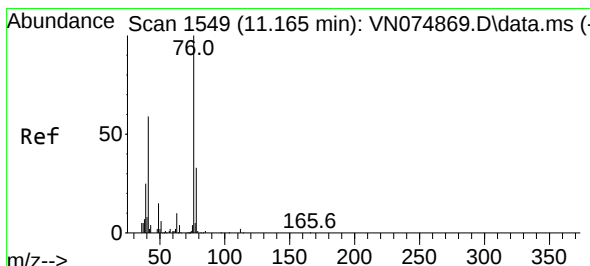
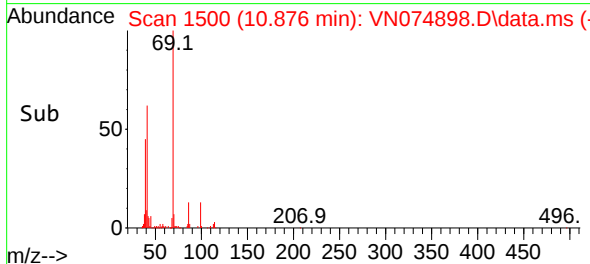
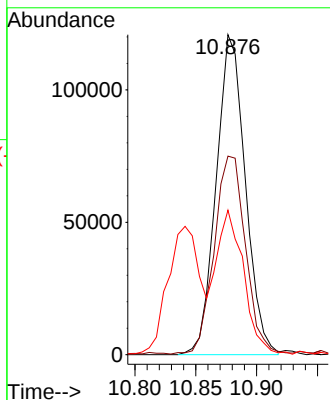


Tgt Ion: 69 Resp: 201445
Ion Ratio Lower Upper
69 100
41 61.4 32.5 97.5
39 44.5 21.5 64.5

Manual Integrations
APPROVED

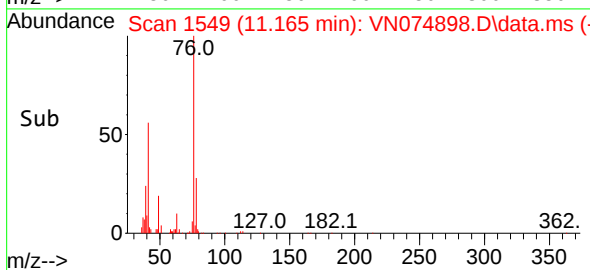
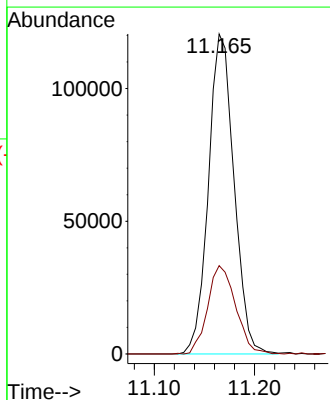
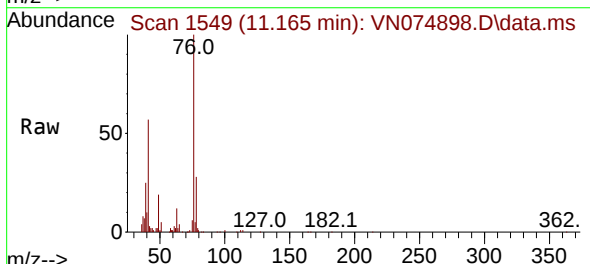
Reviewed By :John
Carlone
10/14/2022

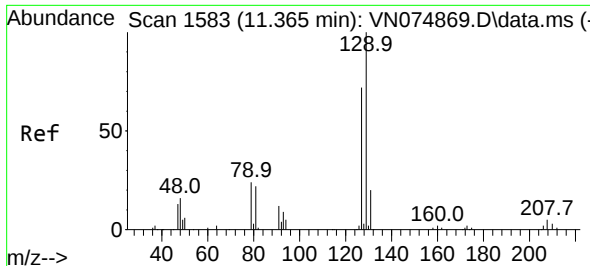
Supervised By :Mahesh
Dadoda
10/14/2022



#52
1,3-Dichloropropane
Concen: 19.746 ug/l
RT: 11.165 min Scan# 1549
Delta R.T. -0.000 min
Lab File: VN074898.D
Acq: 13 Oct 2022 16:45

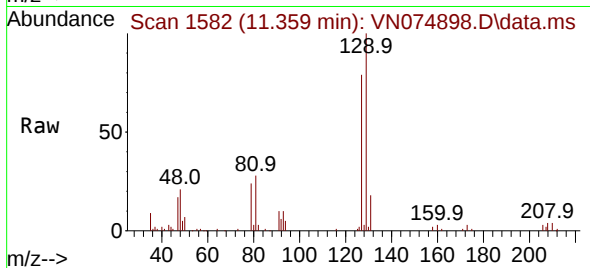
Tgt Ion: 76 Resp: 213854
Ion Ratio Lower Upper
76 100
78 30.1 0.0 63.8





#53
Dibromochloromethane
Concen: 18.160 ug/l
RT: 11.359 min Scan# 111640
Delta R.T. -0.006 min
Lab File: VN074898.D
Acq: 13 Oct 2022 16:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

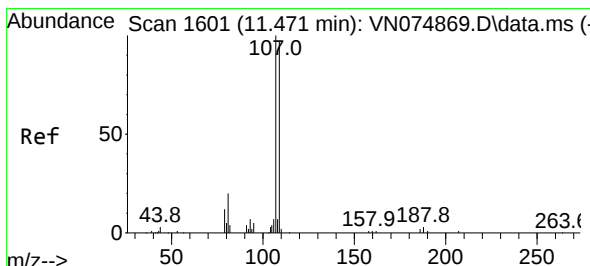
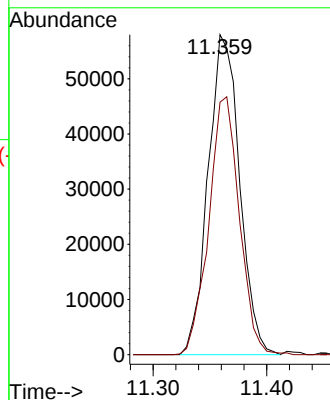
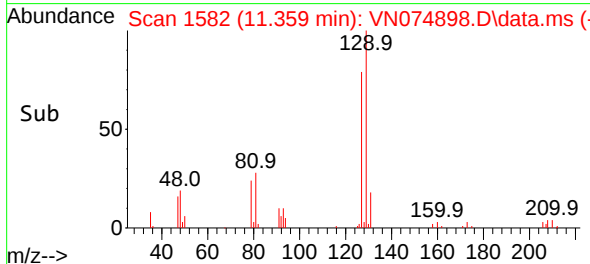


Tgt Ion:129 Resp: 111640
Ion Ratio Lower Upper
129 100
127 78.1 40.6 121.7

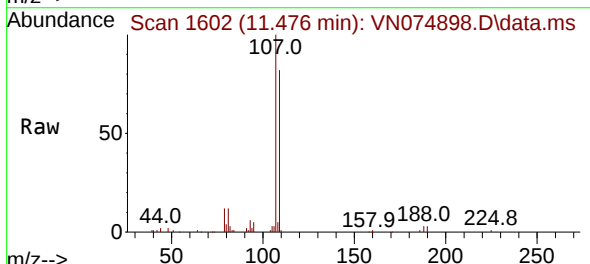
Manual Integrations
APPROVED

Reviewed By :John
Carlone
10/14/2022

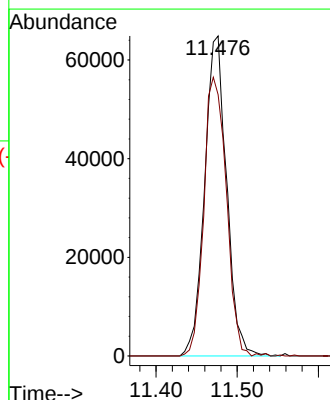
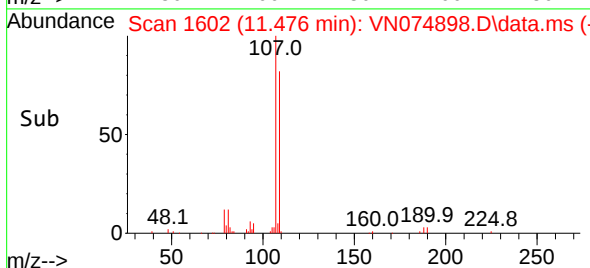
Supervised By :Mahesh
Dadoda
10/14/2022

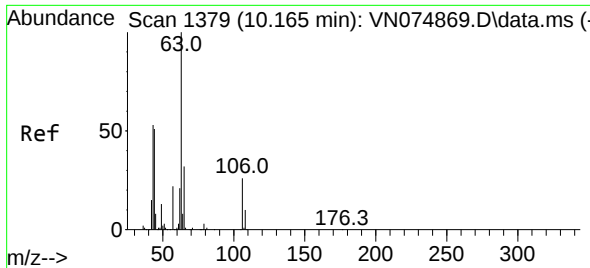


#54
1,2-Dibromoethane
Concen: 20.235 ug/l
RT: 11.476 min Scan# 1602
Delta R.T. 0.006 min
Lab File: VN074898.D
Acq: 13 Oct 2022 16:45



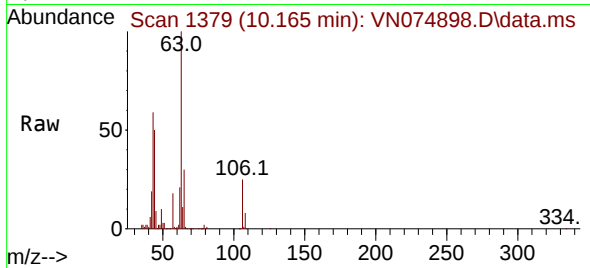
Tgt Ion:107 Resp: 121987
Ion Ratio Lower Upper
107 100
109 88.8 76.2 114.2





#55
2-Chloroethyl vinyl ether
Concen: 91.165 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VN074898.D
Acq: 13 Oct 2022 16:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

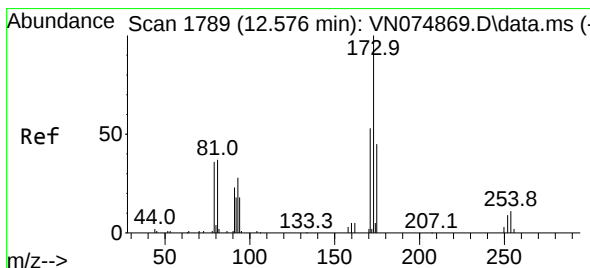
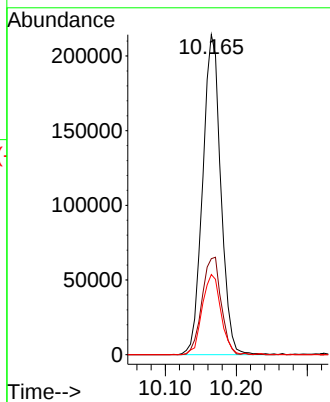
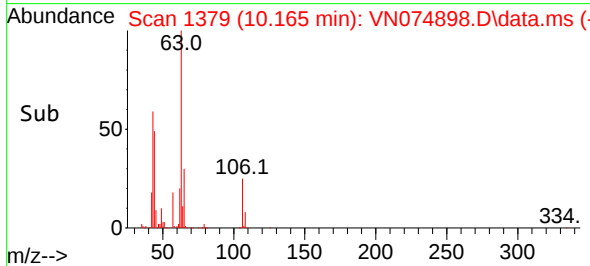


Tgt Ion: 63 Resp: 38048
Ion Ratio Lower Upper
63 100
65 32.0 24.6 36.8
106 26.0 21.3 31.9

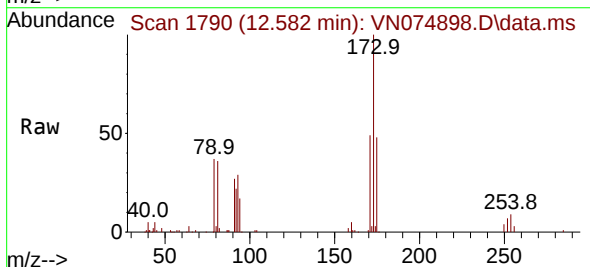
Manual Integrations
APPROVED

Reviewed By :John
Carlone
10/14/2022

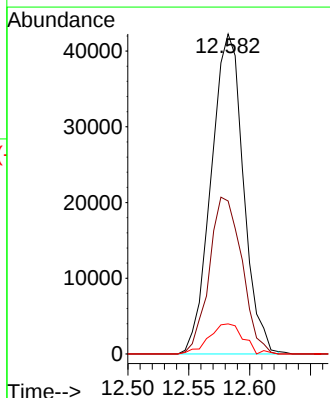
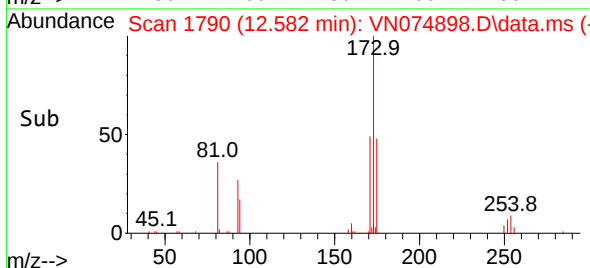
Supervised By :Mahesh
Dadoda
10/14/2022

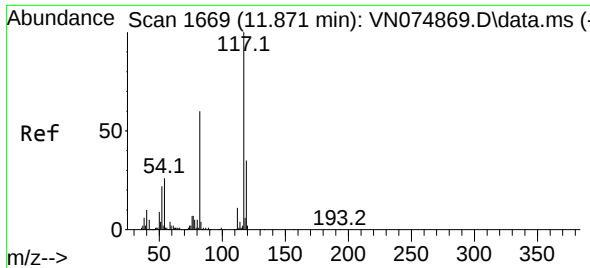


#56
Bromoform
Concen: 17.570 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.006 min
Lab File: VN074898.D
Acq: 13 Oct 2022 16:45



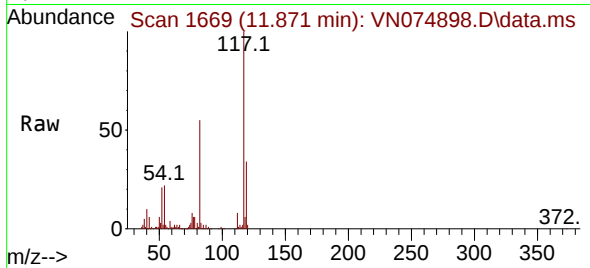
Tgt Ion:173 Resp: 77833
Ion Ratio Lower Upper
173 100
175 49.7 39.1 58.7
254 9.8 7.0 10.6





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VN074898.D
Acq: 13 Oct 2022 16:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

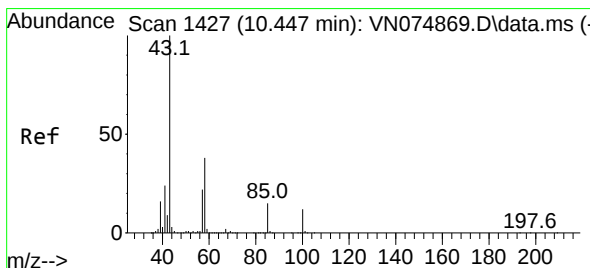
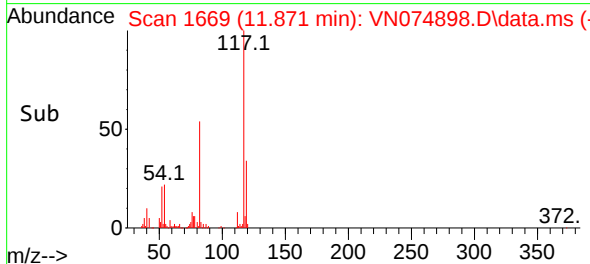
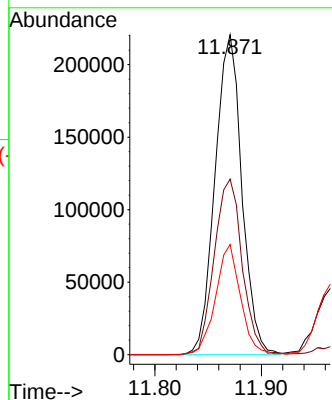


Tgt Ion: 117 Resp: 385932
Ion Ratio Lower Upper
117 100
82 56.8 44.6 67.0
119 32.2 25.6 38.4

Manual Integrations
APPROVED

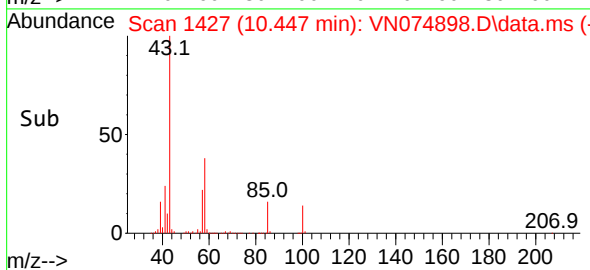
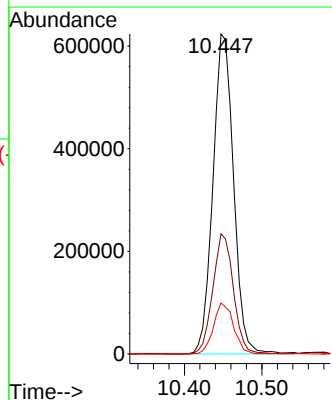
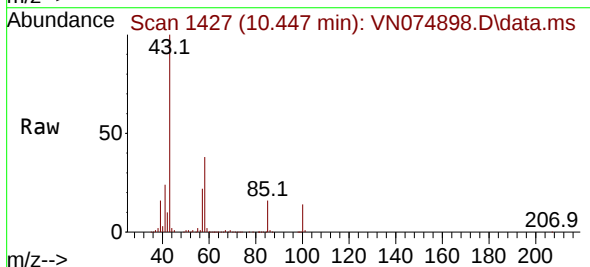
Reviewed By :John
Carlone
10/14/2022

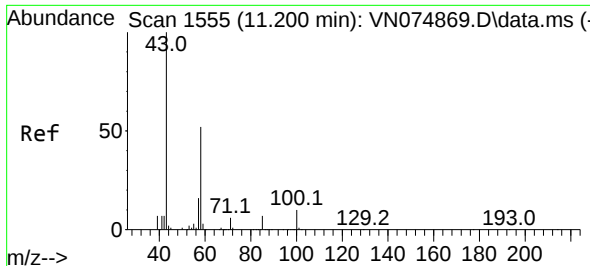
Supervised By :Mahesh
Dadoda
10/14/2022



#58
4-Methyl-2-Pentanone
Concen: 96.022 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN074898.D
Acq: 13 Oct 2022 16:45

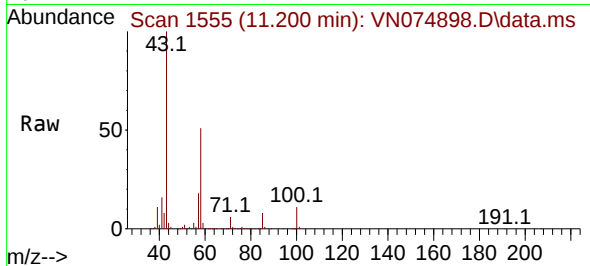
Tgt Ion: 43 Resp: 1152513
Ion Ratio Lower Upper
43 100
58 37.4 30.8 46.2
85 15.5 13.3 19.9





#59
2-Hexanone
Concen: 91.535 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN074898.D
Acq: 13 Oct 2022 16:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

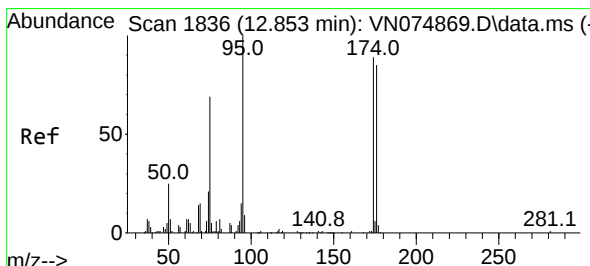
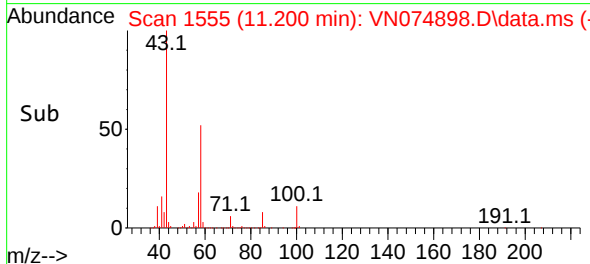
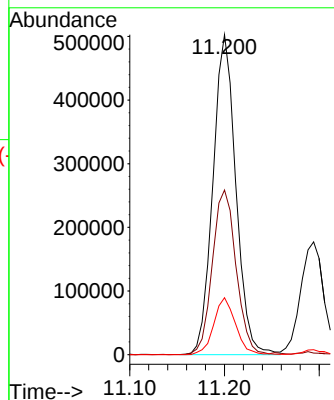


Tgt Ion: 43 Resp: 84552
Ion Ratio Lower Upper
43 100
58 53.3 43.6 65.4
57 17.0 14.3 21.5

Manual Integrations
APPROVED

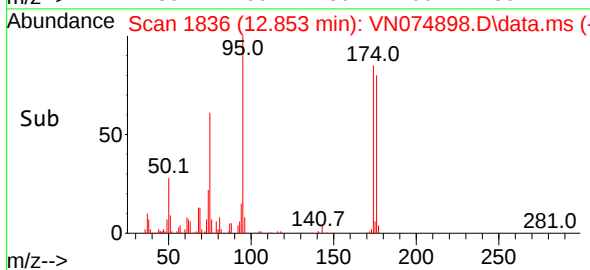
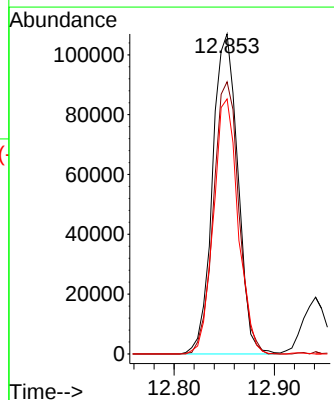
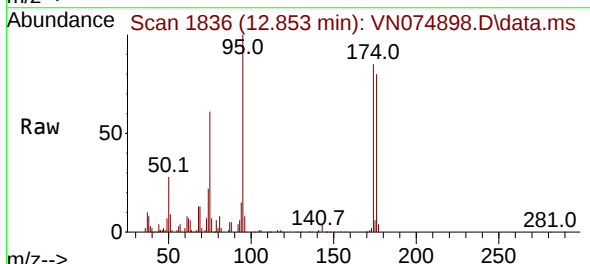
Reviewed By :John
Carlone
10/14/2022

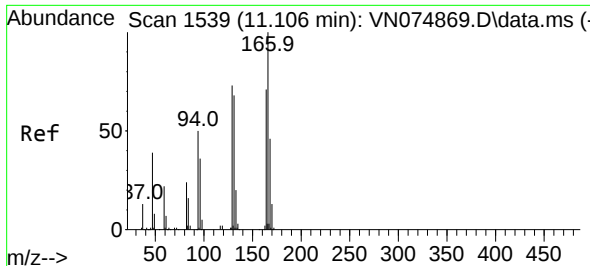
Supervised By :Mahesh
Dadoda
10/14/2022



#60
4-Bromofluorobenzene
Concen: 27.351 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN074898.D
Acq: 13 Oct 2022 16:45

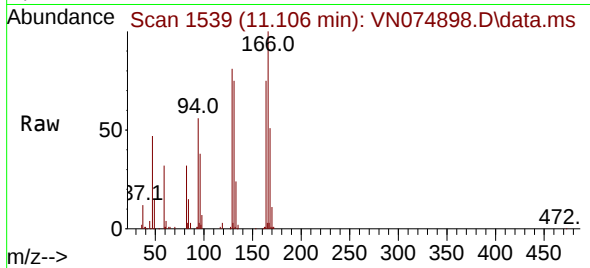
Tgt Ion: 95 Resp: 187188
Ion Ratio Lower Upper
95 100
174 84.7 57.8 86.8
176 77.7 57.0 85.4





#61
Tetrachloroethene
Concen: 19.481 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN074898.D
Acq: 13 Oct 2022 16:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

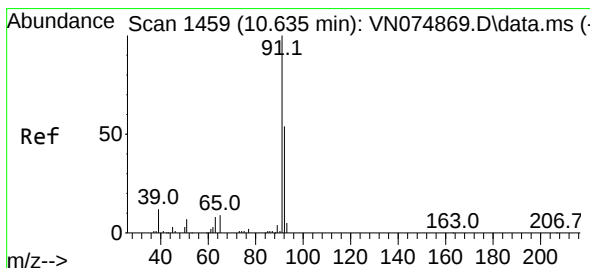
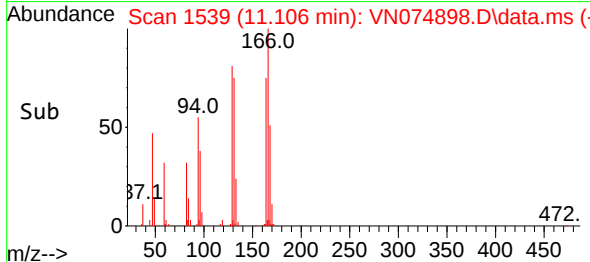
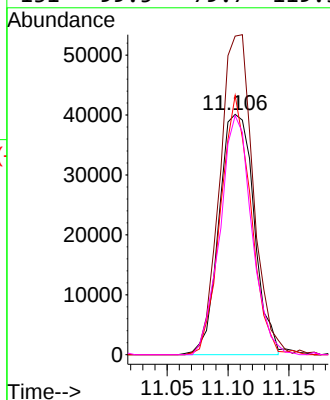


Tgt Ion:164 Resp: 8015
Ion Ratio Lower Upper
164 100
166 132.6 99.6 149.4
129 107.9 84.0 126.0
131 99.5 79.7 119.5

Manual Integrations
APPROVED

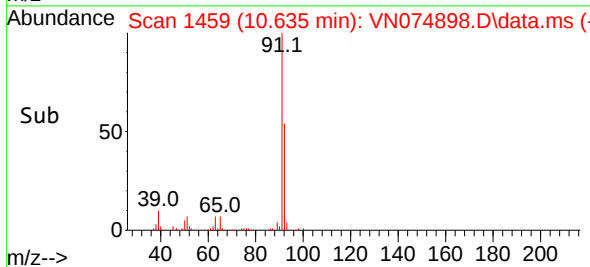
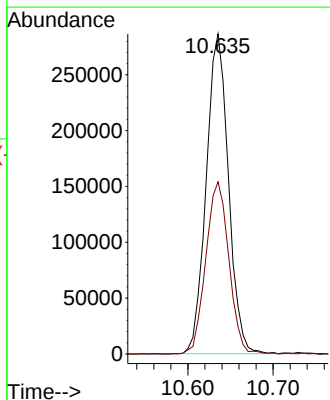
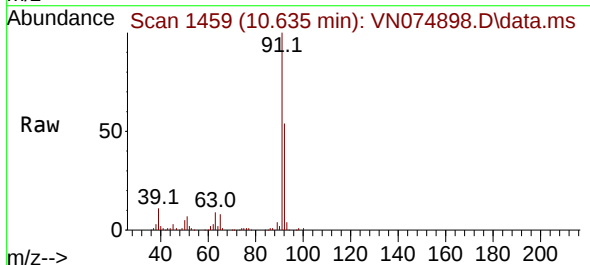
Reviewed By :John
Carlone
10/14/2022

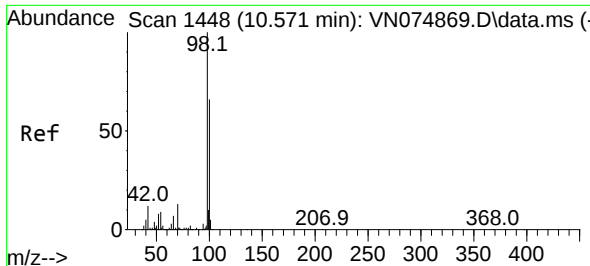
Supervised By :Mahesh
Dadoda
10/14/2022



#62
Toluene
Concen: 19.446 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN074898.D
Acq: 13 Oct 2022 16:45

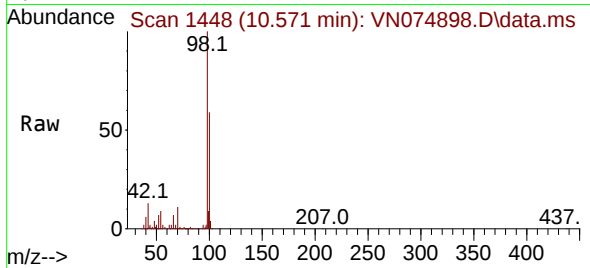
Tgt Ion: 91 Resp: 518500
Ion Ratio Lower Upper
91 100
92 55.4 46.0 69.0





#63
Toluene-d8
Concen: 30.560 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN074898.D
Acq: 13 Oct 2022 16:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

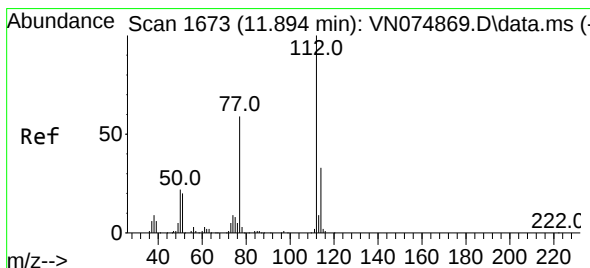
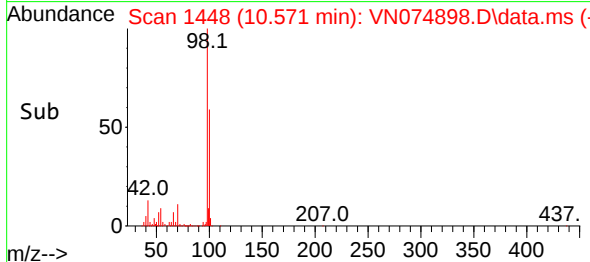
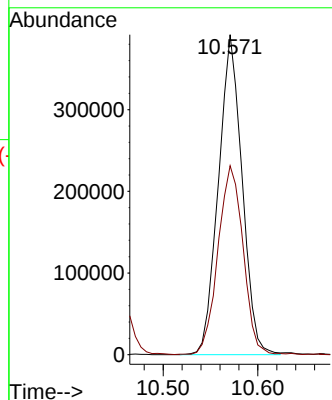


Tgt Ion: 98 Resp: 680690
Ion Ratio Lower Upper
98 100
100 62.5 52.7 79.1

Manual Integrations
APPROVED

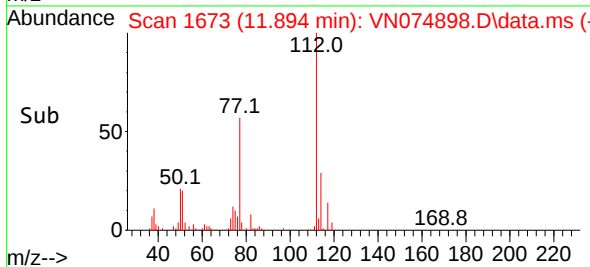
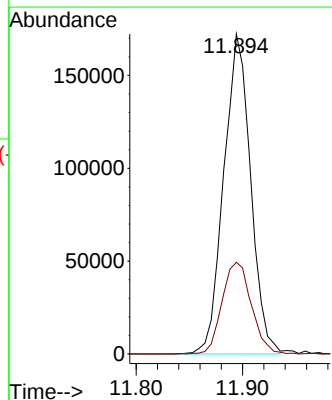
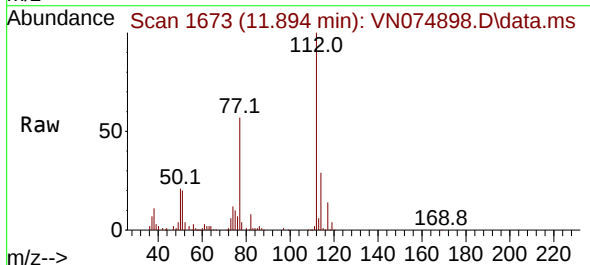
Reviewed By :John
Carlone
10/14/2022

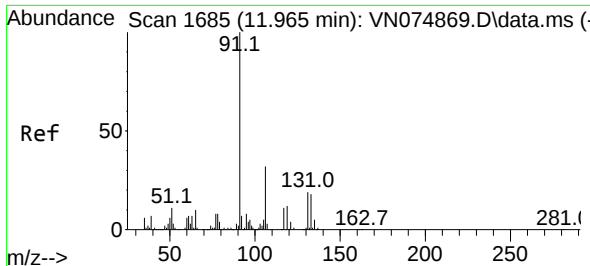
Supervised By :Mahesh
Dadoda
10/14/2022



#64
Chlorobenzene
Concen: 19.884 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN074898.D
Acq: 13 Oct 2022 16:45

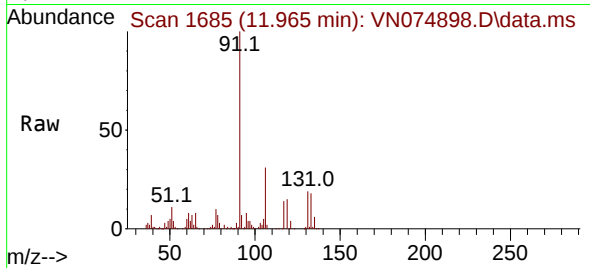
Tgt Ion:112 Resp: 301344
Ion Ratio Lower Upper
112 100
114 28.5 24.7 37.1





#65
1,1,1,2-Tetrachloroethane
Concen: 18.885 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN074898.D
Acq: 13 Oct 2022 16:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

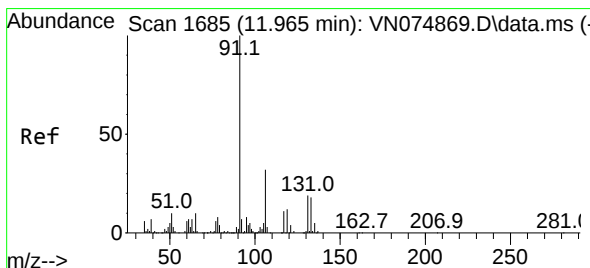
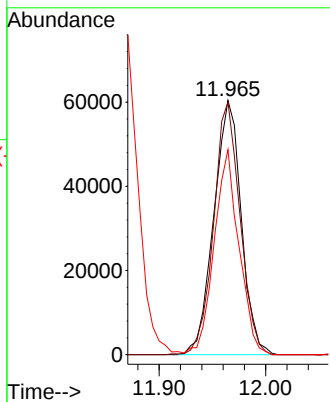
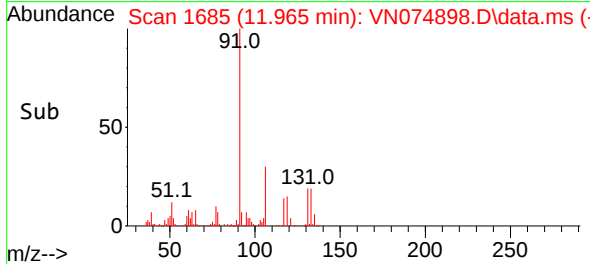


Tgt Ion:131 Resp: 107804
Ion Ratio Lower Upper
131 100
133 95.6 0.0 191.8
119 73.0 0.0 135.8

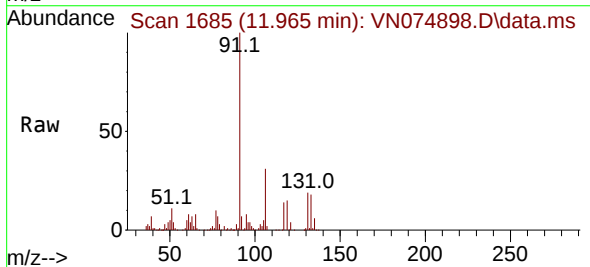
Manual Integrations
APPROVED

Reviewed By :John
Carlone
10/14/2022

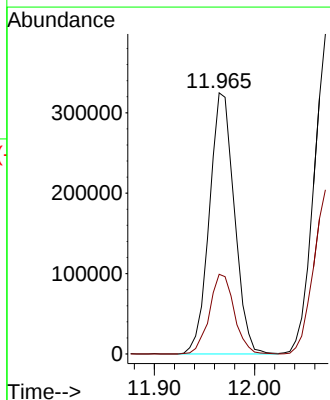
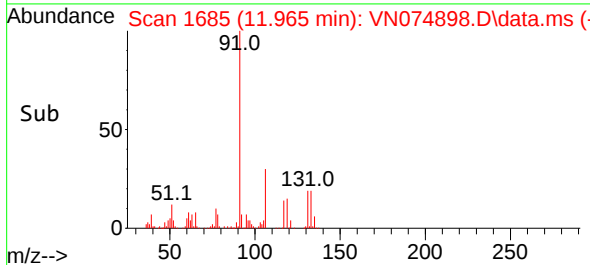
Supervised By :Mahesh
Dadoda
10/14/2022

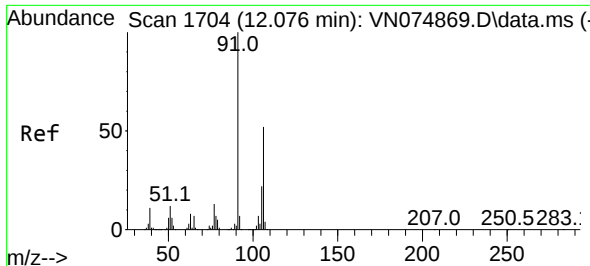


#66
Ethyl Benzene
Concen: 19.419 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN074898.D
Acq: 13 Oct 2022 16:45



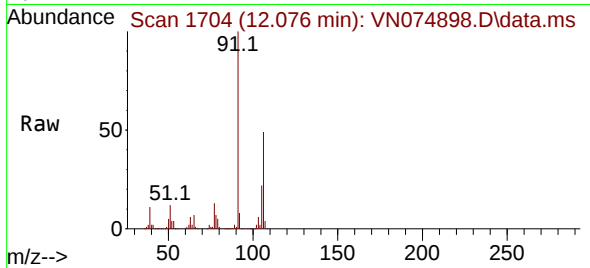
Tgt Ion: 91 Resp: 563035
Ion Ratio Lower Upper
91 100
106 30.5 24.1 36.1





#67
m/p-Xylenes
Concen: 39.822 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN074898.D
Acq: 13 Oct 2022 16:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

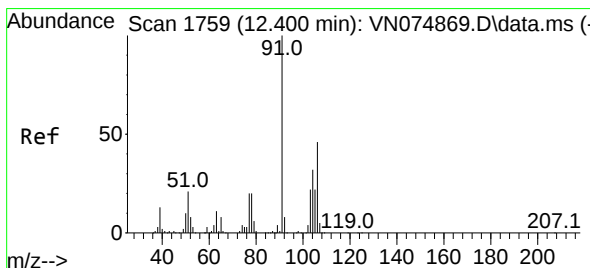
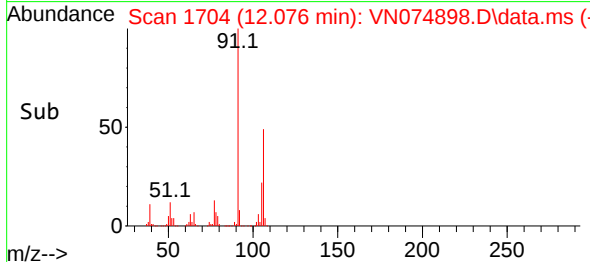
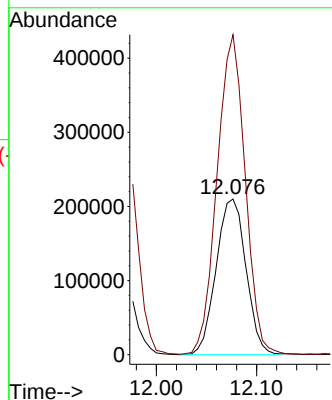


Tgt Ion:106 Resp: 433748
Ion Ratio Lower Upper
106 100
91 193.8 164.2 246.4

Manual Integrations
APPROVED

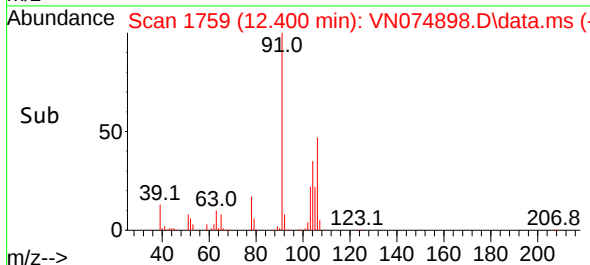
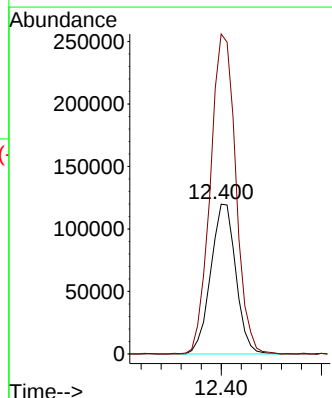
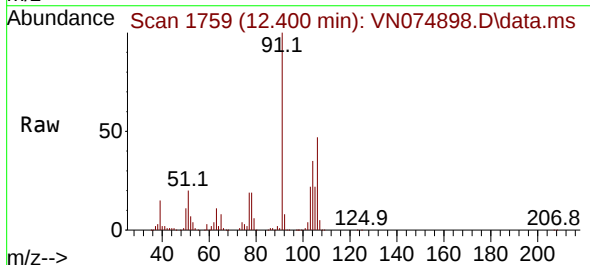
Reviewed By :John
Carlone
10/14/2022

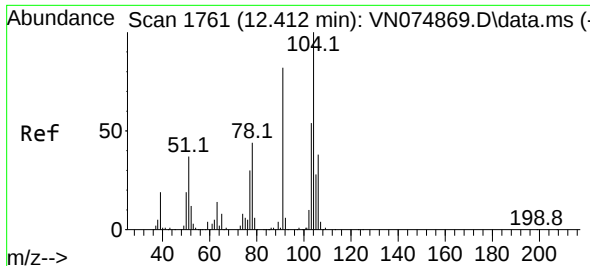
Supervised By :Mahesh
Dadoda
10/14/2022



#68
o-Xylene
Concen: 18.788 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN074898.D
Acq: 13 Oct 2022 16:45

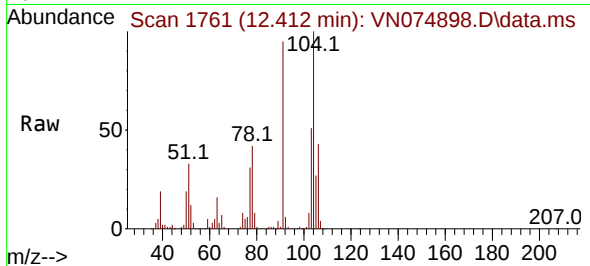
Tgt Ion:106 Resp: 208016
Ion Ratio Lower Upper
106 100
91 216.9 108.5 325.5





#69
Styrene
Concen: 18.620 ug/l
RT: 12.412 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074898.D
Acq: 13 Oct 2022 16:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

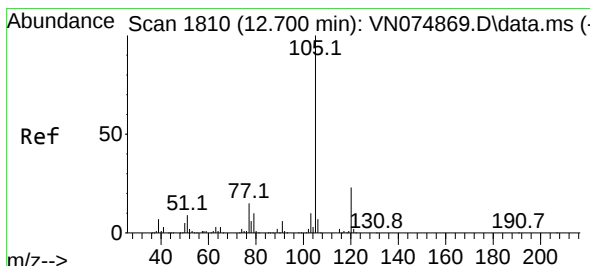
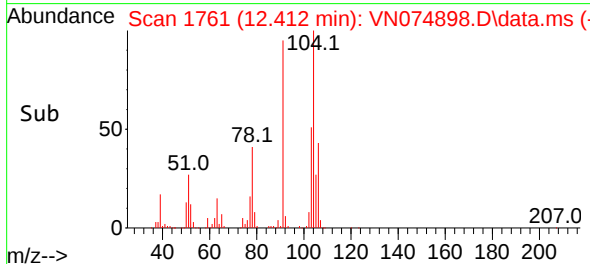
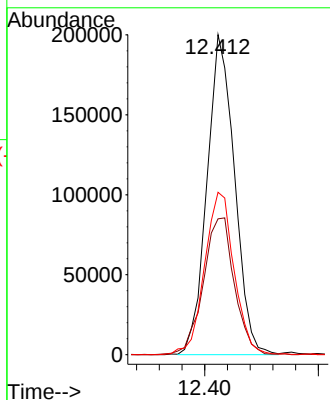


Tgt Ion:104 Resp: 33742
Ion Ratio Lower Upper
104 100
78 48.2 39.9 59.9
103 54.2 43.8 65.8

Manual Integrations
APPROVED

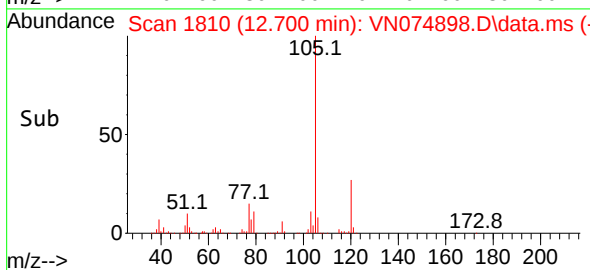
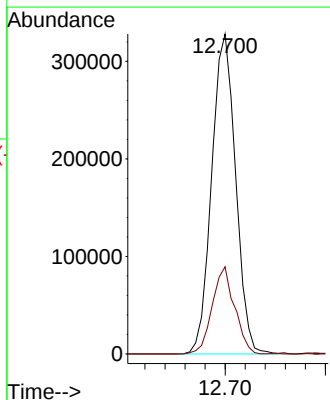
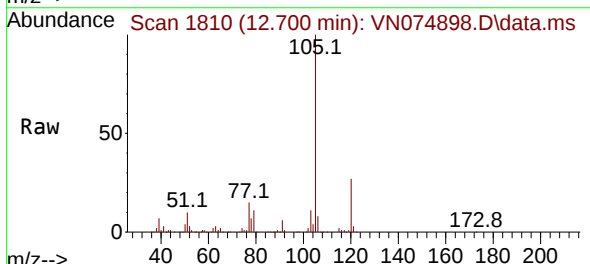
Reviewed By :John
Carlone
10/14/2022

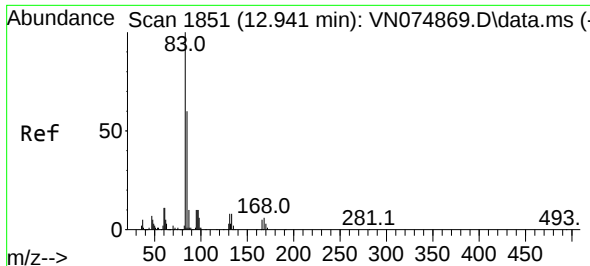
Supervised By :Mahesh
Dadoda
10/14/2022



#70
Isopropylbenzene
Concen: 19.012 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN074898.D
Acq: 13 Oct 2022 16:45

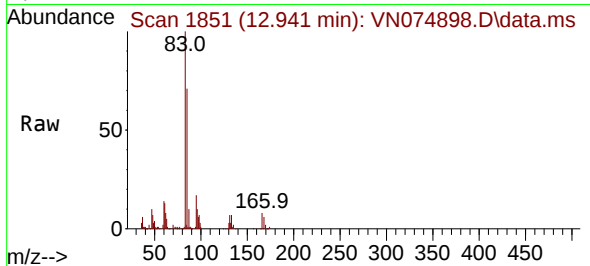
Tgt Ion:105 Resp: 542876
Ion Ratio Lower Upper
105 100
120 25.4 18.5 34.3





#71
1,1,2,2-Tetrachloroethane
Concen: 18.970 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN074898.D
Acq: 13 Oct 2022 16:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

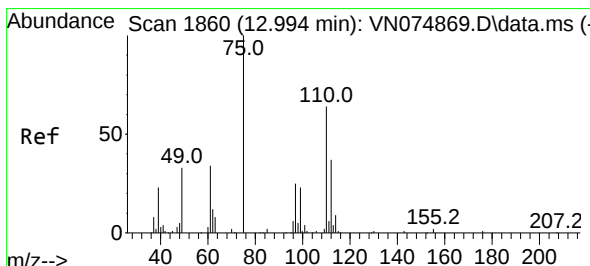
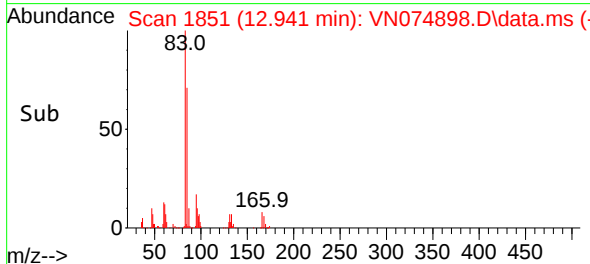
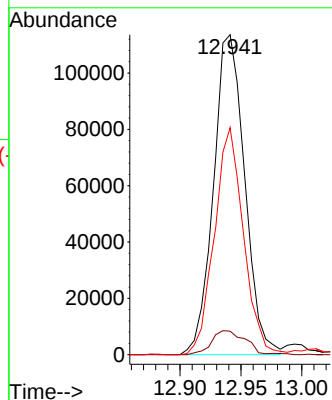


Tgt Ion: 83 Resp: 202628
Ion Ratio Lower Upper
83 100
131 8.0 4.5 13.5
85 66.2 30.9 92.7

Manual Integrations
APPROVED

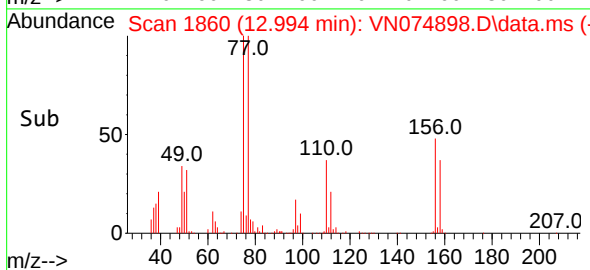
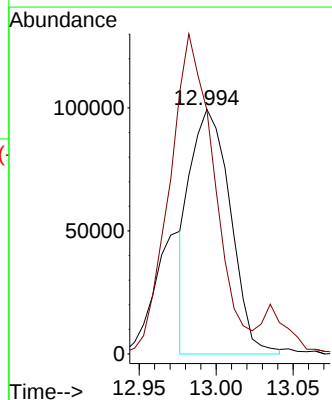
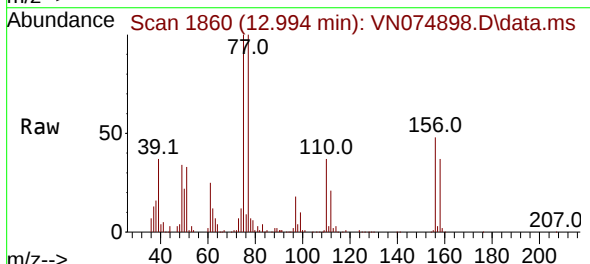
Reviewed By :John
Carlone
10/14/2022

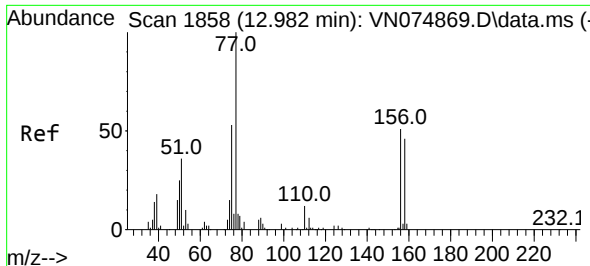
Supervised By :Mahesh
Dadoda
10/14/2022



#72
1,2,3-Trichloropropane
Concen: 20.135 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN074898.D
Acq: 13 Oct 2022 16:45

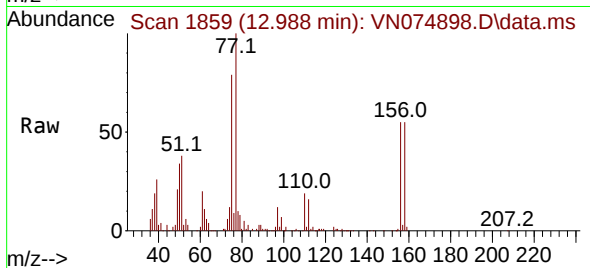
Tgt Ion: 75 Resp: 180689
Ion Ratio Lower Upper
75 100
77 145.7 0.0 372.4





#73
Bromobenzene
Concen: 19.116 ug/l
RT: 12.988 min Scan# 1859
Delta R.T. 0.006 min
Lab File: VN074898.D
Acq: 13 Oct 2022 16:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

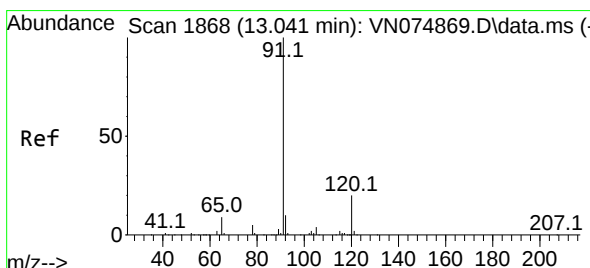
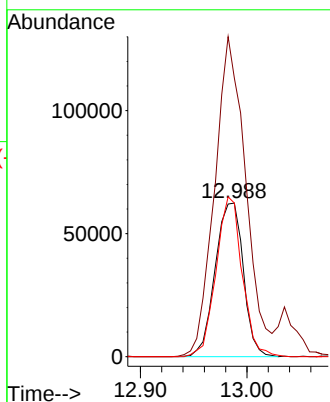
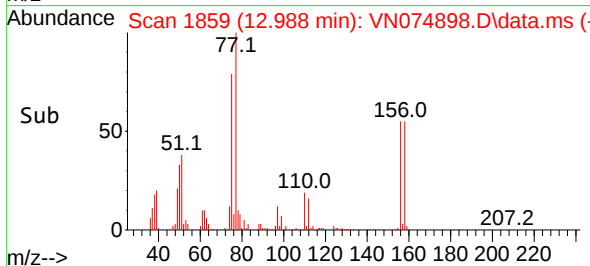


Tgt Ion:156 Resp: 114388
Ion Ratio Lower Upper
156 100
77 230.1 0.0 491.8
158 97.1 0.0 185.0

Manual Integrations
APPROVED

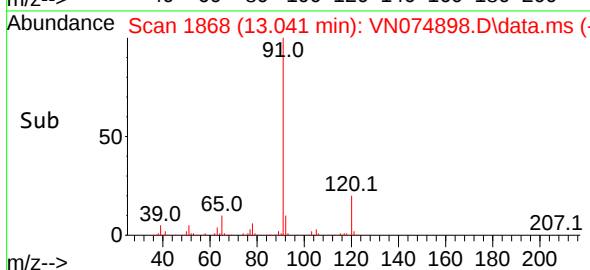
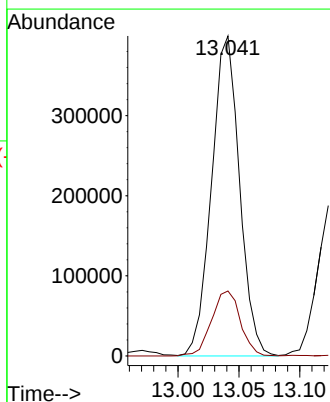
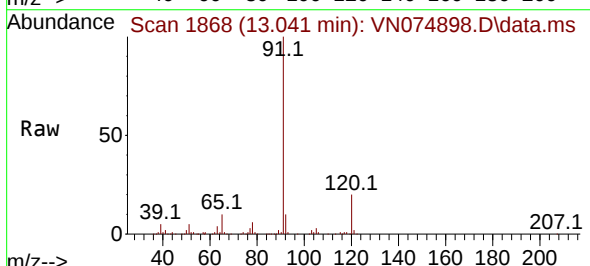
Reviewed By :John
Carlone
10/14/2022

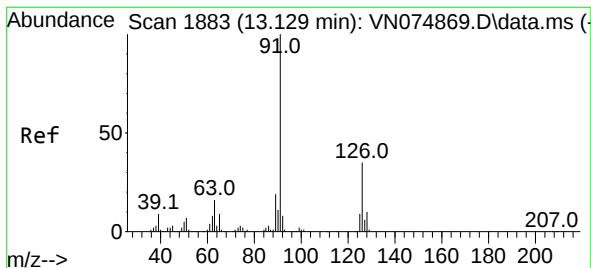
Supervised By :Mahesh
Dadoda
10/14/2022



#74
n-propylbenzene
Concen: 19.179 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN074898.D
Acq: 13 Oct 2022 16:45

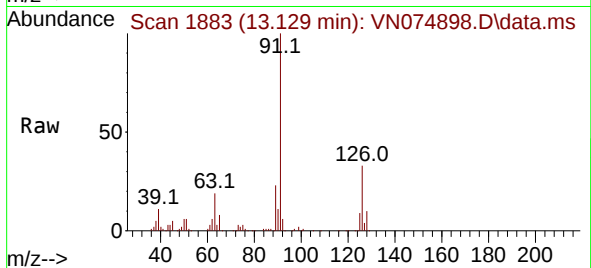
Tgt Ion: 91 Resp: 638520
Ion Ratio Lower Upper
91 100
120 20.9 0.0 44.6





#75
2-Chlorotoluene
Concen: 18.639 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN074898.D
Acq: 13 Oct 2022 16:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

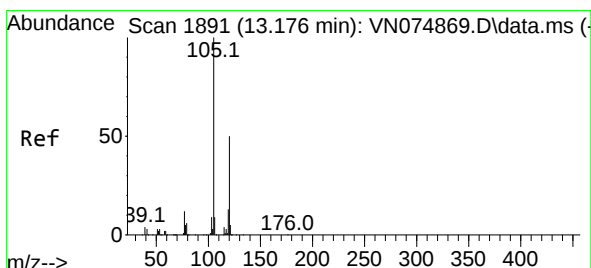
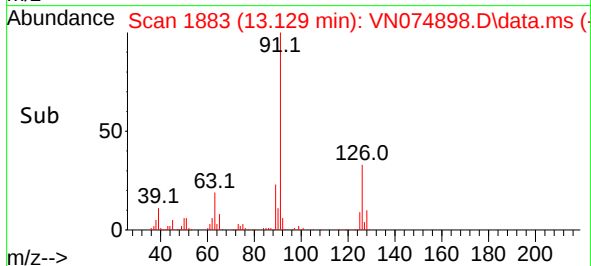
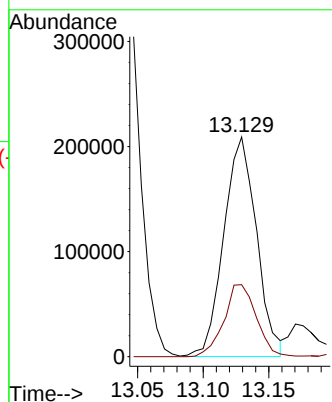


Tgt Ion: 91 Resp: 363030
Ion Ratio Lower Upper
91 100
126 32.6 0.0 66.2

Manual Integrations
APPROVED

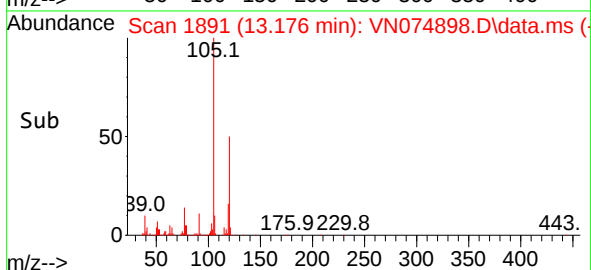
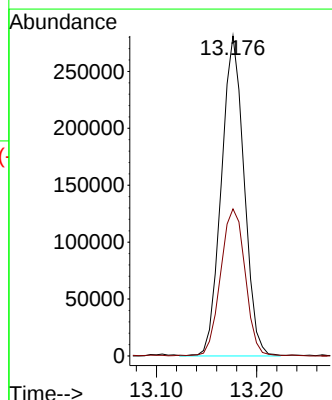
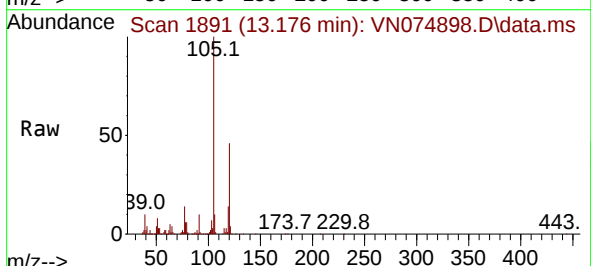
Reviewed By :John
Carlone
10/14/2022

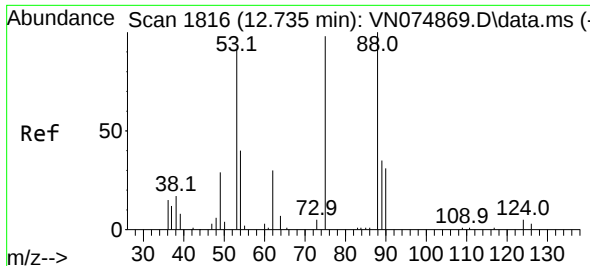
Supervised By :Mahesh
Dadoda
10/14/2022



#76
1,3,5-Trimethylbenzene
Concen: 19.062 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN074898.D
Acq: 13 Oct 2022 16:45

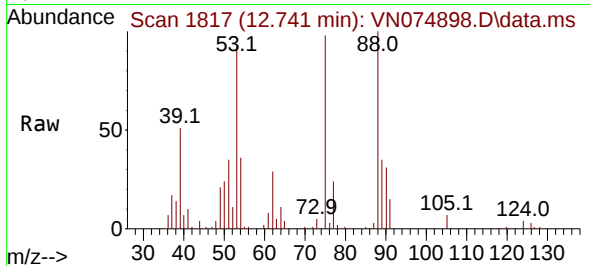
Tgt Ion:105 Resp: 442318
Ion Ratio Lower Upper
105 100
120 49.5 0.0 97.4





#77
t-1,4-Dichloro-2-butene
Concen: 16.574 ug/l
RT: 12.741 min Scan# 1816
Delta R.T. 0.006 min
Lab File: VN074898.D
Acq: 13 Oct 2022 16:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

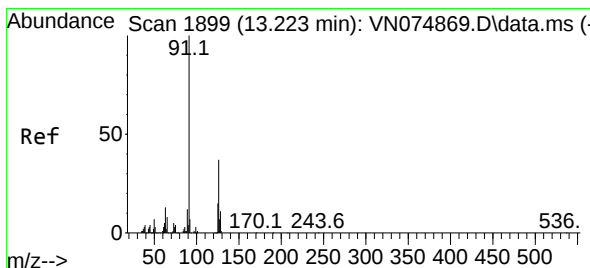
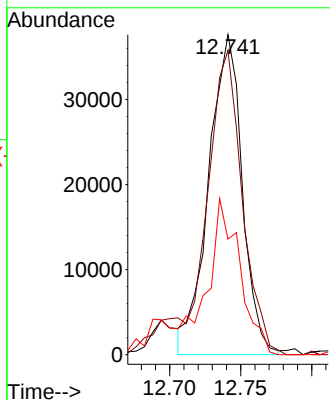
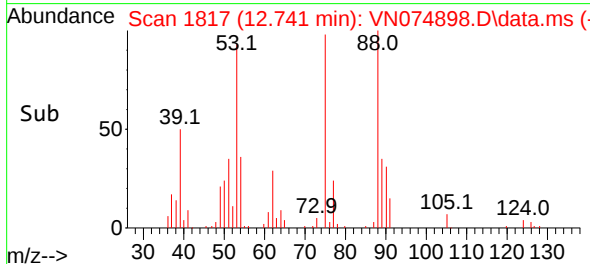


Tgt Ion: 75 Resp: 6179
Ion Ratio Lower Upper
75 100
53 94.9 43.3 129.9
89 36.6 21.1 63.1

Manual Integrations
APPROVED

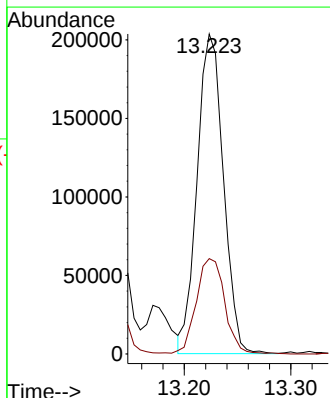
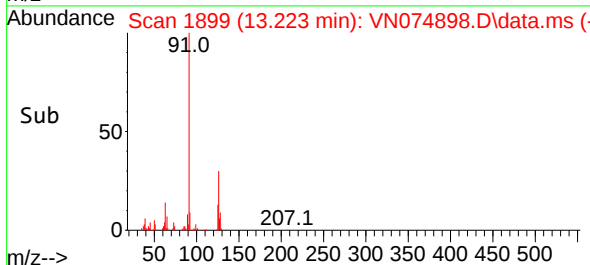
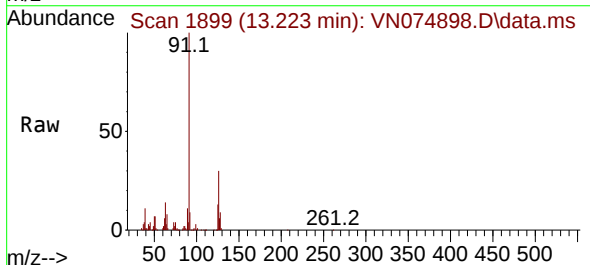
Reviewed By :John
Carlone
10/14/2022

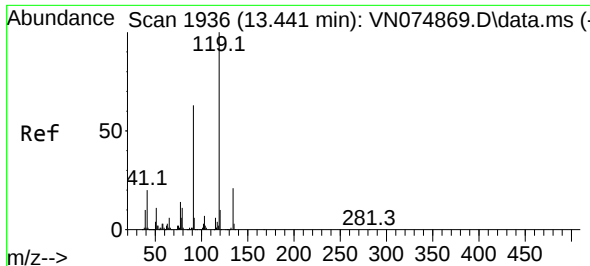
Supervised By :Mahesh
Dadoda
10/14/2022



#78
4-Chlorotoluene
Concen: 18.773 ug/l
RT: 13.223 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN074898.D
Acq: 13 Oct 2022 16:45

Tgt Ion: 91 Resp: 348910
Ion Ratio Lower Upper
91 100
126 32.3 0.0 67.8





#79
tert-butylbenzene
Concen: 18.878 ug/l
RT: 13.447 min Scan# 1936
Delta R.T. 0.006 min
Lab File: VN074898.D
Acq: 13 Oct 2022 16:45

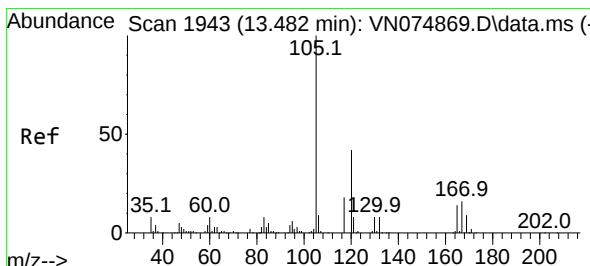
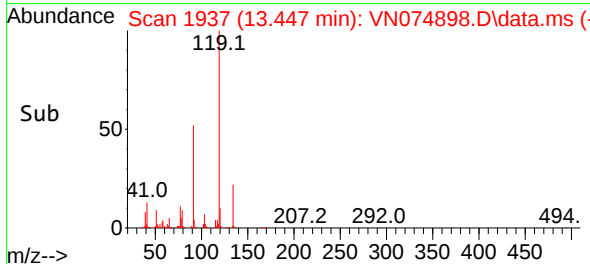
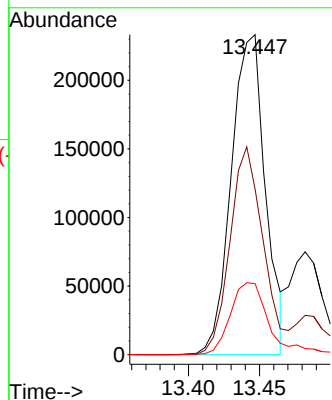
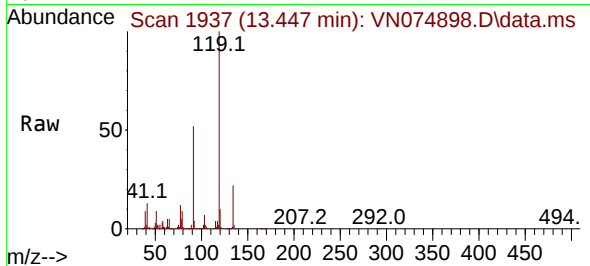
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:119 Resp: 38967
Ion Ratio Lower Upper
119 100
91 63.8 0.0 129.0
134 23.8 0.0 52.2

Manual Integrations
APPROVED

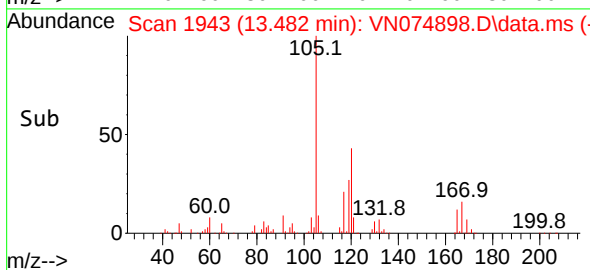
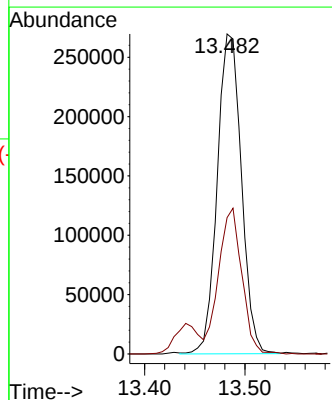
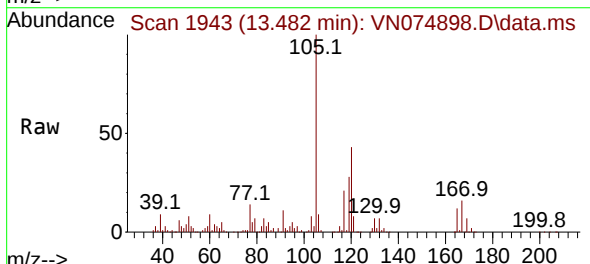
Reviewed By :John
Carlone
10/14/2022

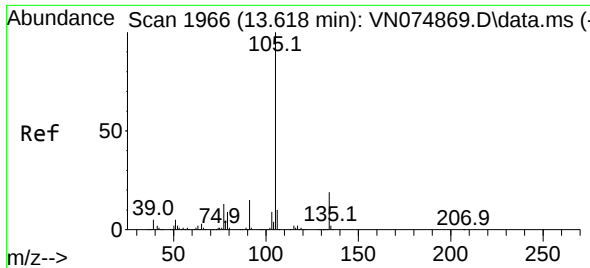
Supervised By :Mahesh
Dadoda
10/14/2022



#80
1,2,4-Trimethylbenzene
Concen: 19.274 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.000 min
Lab File: VN074898.D
Acq: 13 Oct 2022 16:45

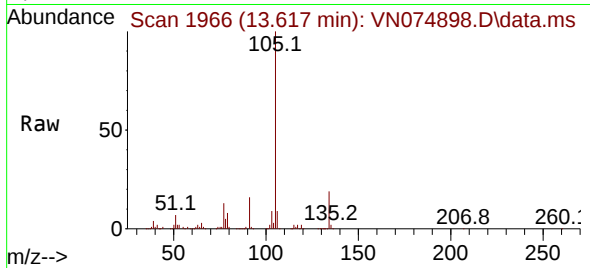
Tgt Ion:105 Resp: 450009
Ion Ratio Lower Upper
105 100
120 43.5 0.0 93.2





#81
 sec-Butylbenzene
 Concen: 18.711 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN074898.D
 Acq: 13 Oct 2022 16:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

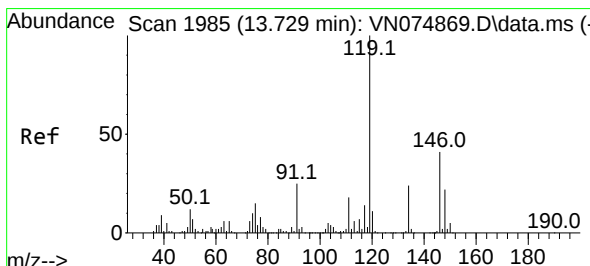
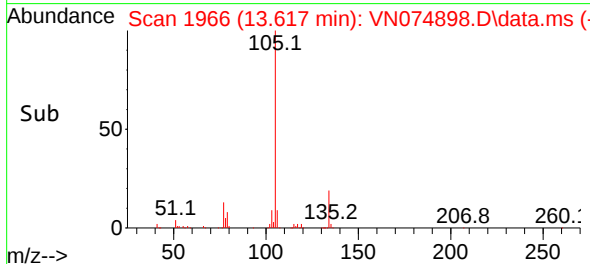
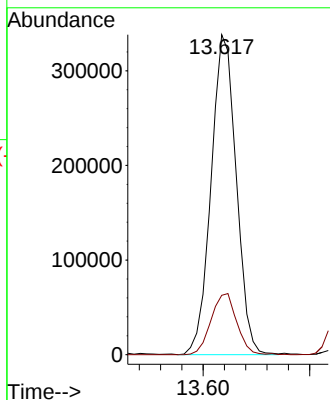


Tgt Ion:105 Resp: 555084
 Ion Ratio Lower Upper
 105 100
 134 19.4 0.0 38.8

Manual Integrations
 APPROVED

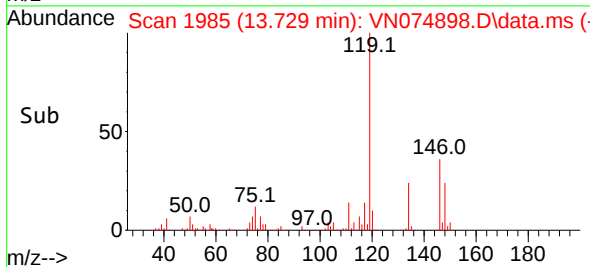
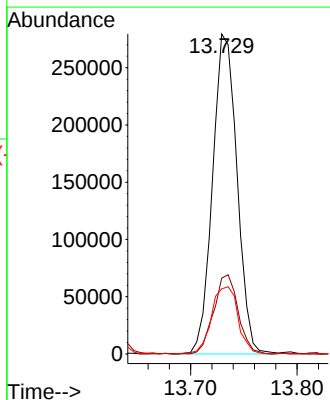
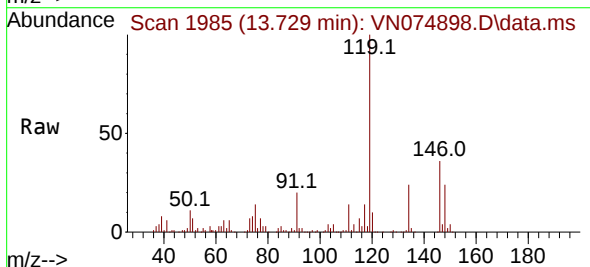
Reviewed By :John
 Carlone
 10/14/2022

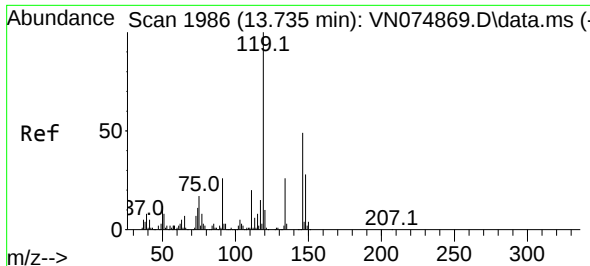
Supervised By :Mahesh
 Dadoda
 10/14/2022



#82
 p-Isopropyltoluene
 Concen: 18.899 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.000 min
 Lab File: VN074898.D
 Acq: 13 Oct 2022 16:45

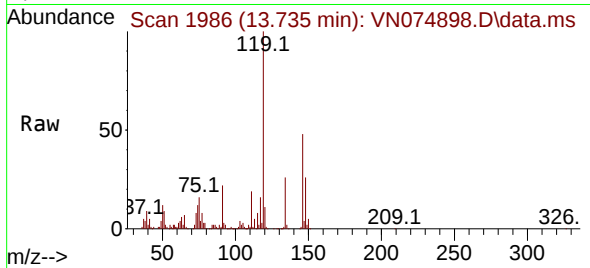
Tgt Ion:119 Resp: 445467
 Ion Ratio Lower Upper
 119 100
 134 24.7 0.0 51.4
 91 22.8 0.0 46.8





#83
1,3-Dichlorobenzene
Concen: 17.832 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN074898.D
Acq: 13 Oct 2022 16:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

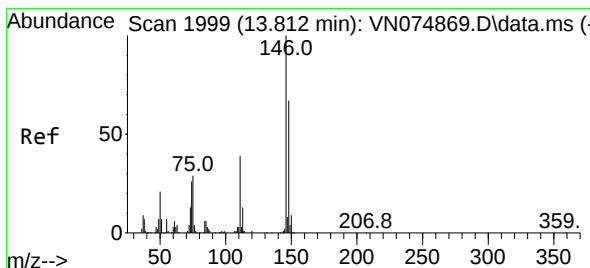
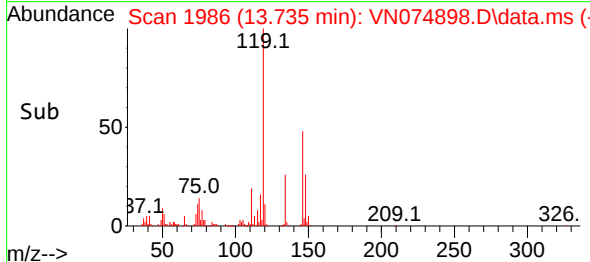
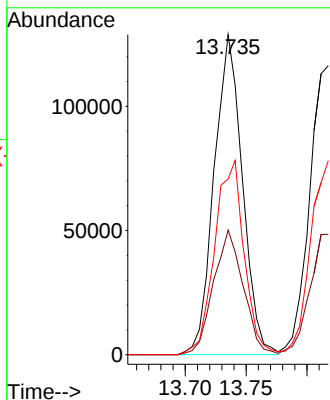


Tgt Ion:146 Resp: 208210
Ion Ratio Lower Upper
146 100
111 41.1 20.5 61.5
148 63.3 31.0 93.0

Manual Integrations
APPROVED

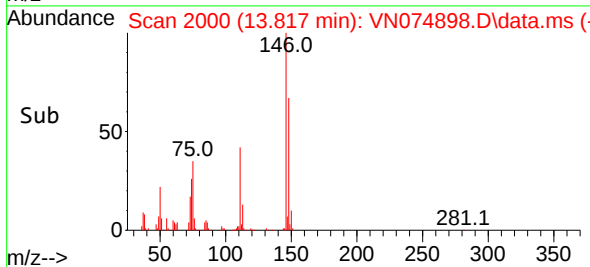
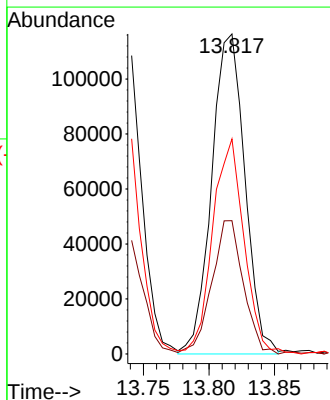
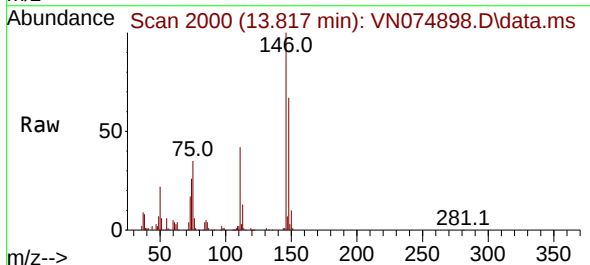
Reviewed By :John
Carlone
10/14/2022

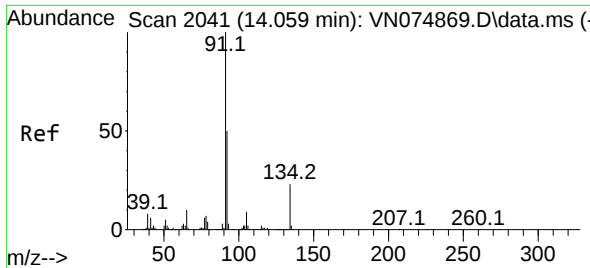
Supervised By :Mahesh
Dadoda
10/14/2022



#84
1,4-Dichlorobenzene
Concen: 18.290 ug/l
RT: 13.817 min Scan# 2000
Delta R.T. 0.006 min
Lab File: VN074898.D
Acq: 13 Oct 2022 16:45

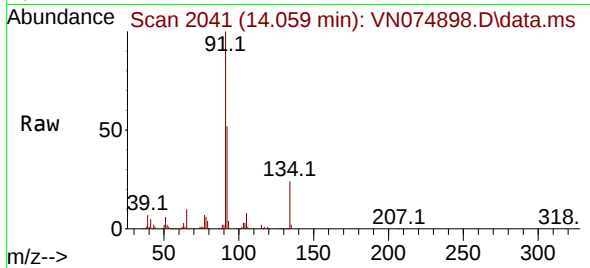
Tgt Ion:146 Resp: 205118
Ion Ratio Lower Upper
146 100
111 39.5 19.1 57.5
148 63.5 31.7 95.1





#85
n-Butylbenzene
Concen: 18.292 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN074898.D
Acq: 13 Oct 2022 16:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

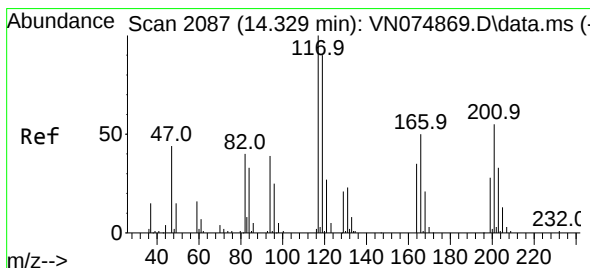
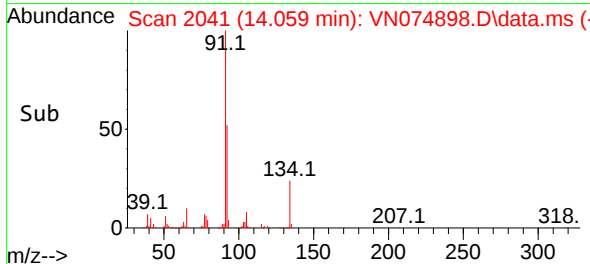
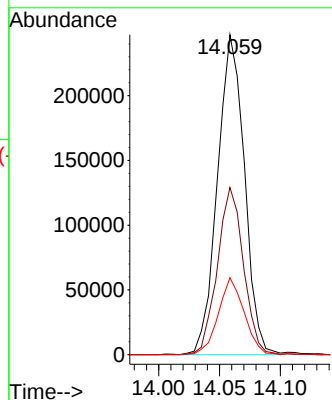


Tgt Ion: 91 Resp: 380592
Ion Ratio Lower Upper
91 100
92 50.6 0.0 105.4
134 23.0 0.0 46.4

Manual Integrations
APPROVED

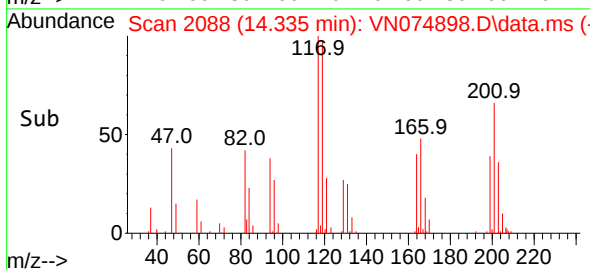
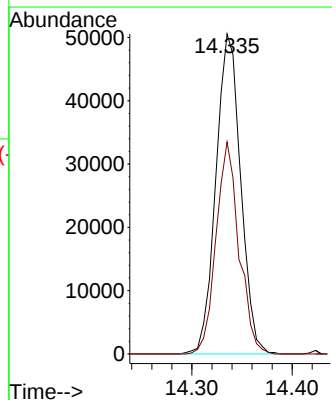
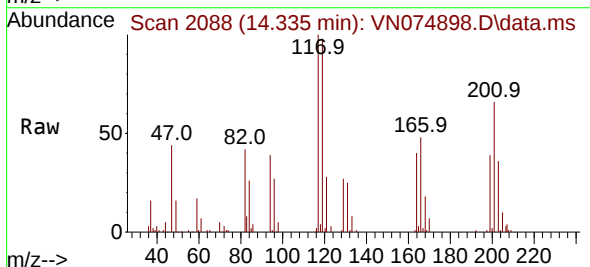
Reviewed By :John
Carlone
10/14/2022

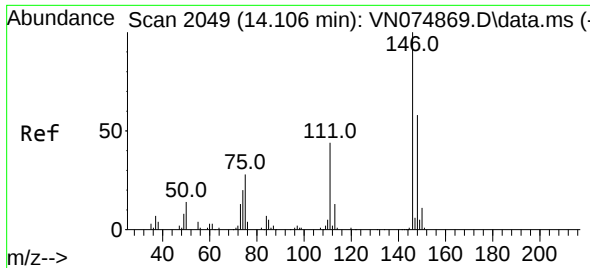
Supervised By :Mahesh
Dadoda
10/14/2022



#86
Hexachloroethane
Concen: 18.773 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.006 min
Lab File: VN074898.D
Acq: 13 Oct 2022 16:45

Tgt Ion:117 Resp: 86659
Ion Ratio Lower Upper
117 100
201 61.5 29.4 88.3





#87
1,2-Dichlorobenzene
Concen: 18.580 ug/l
RT: 14.112 min Scan# 2049
Delta R.T. 0.006 min
Lab File: VN074898.D
Acq: 13 Oct 2022 16:45

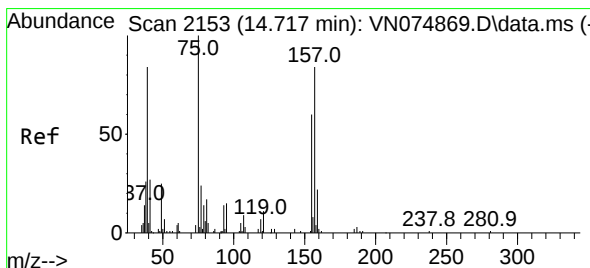
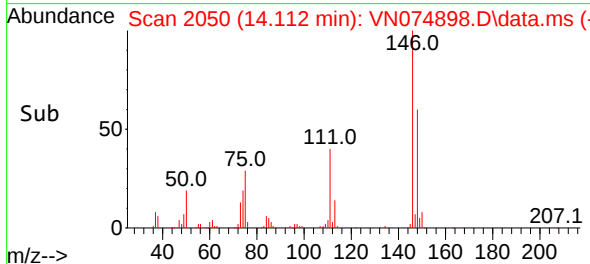
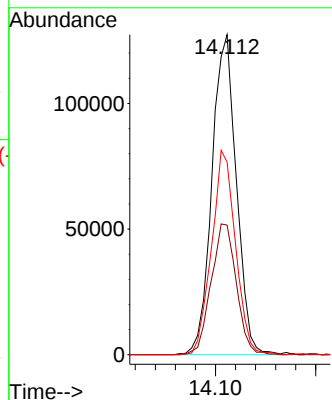
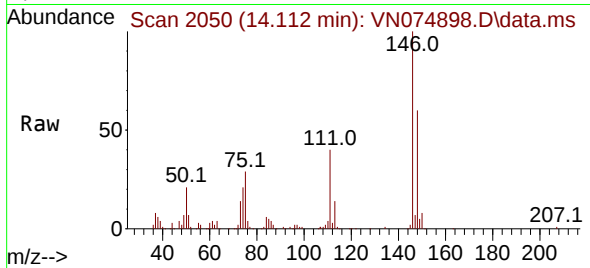
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:146 Resp: 21539
Ion Ratio Lower Upper
146 100
111 42.3 21.4 64.2
148 62.7 30.6 92.0

Manual Integrations
APPROVED

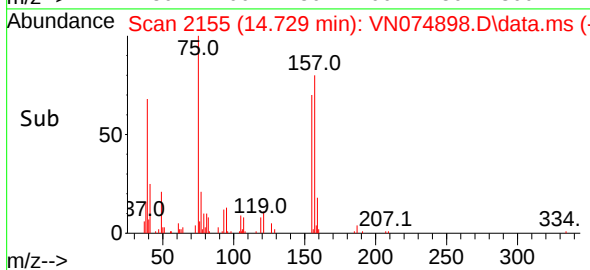
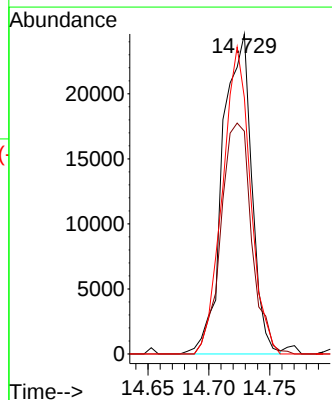
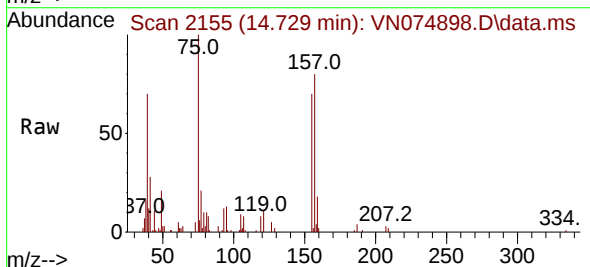
Reviewed By :John
Carlone
10/14/2022

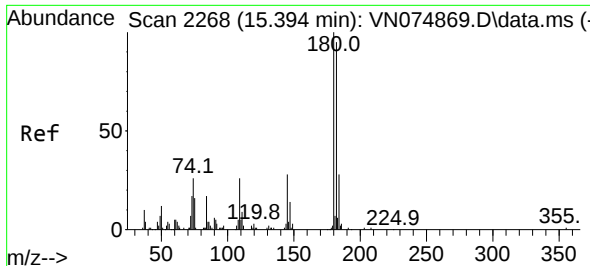
Supervised By :Mahesh
Dadoda
10/14/2022



#88
1,2-Dibromo-3-Chloropropane
Concen: 18.832 ug/l
RT: 14.729 min Scan# 2155
Delta R.T. 0.012 min
Lab File: VN074898.D
Acq: 13 Oct 2022 16:45

Tgt Ion: 75 Resp: 40598
Ion Ratio Lower Upper
75 100
155 76.7 66.3 99.5
157 92.5 84.3 126.5





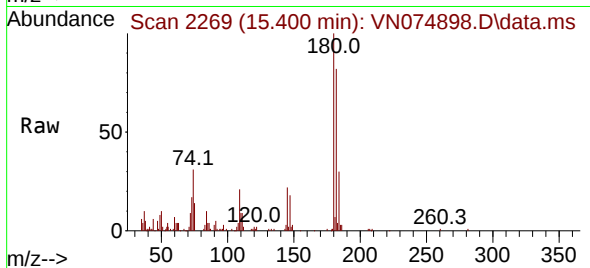
#89
1,2,4-Trichlorobenzene
Concen: 18.813 ug/l
RT: 15.400 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN074898.D
Acq: 13 Oct 2022 16:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



Tgt Ion:180 Resp: 9960
Ion Ratio Lower Upper
180 100
182 94.1 74.9 112.3
145 28.3 26.3 39.5

Manual Integrations
APPROVED

Reviewed By :John

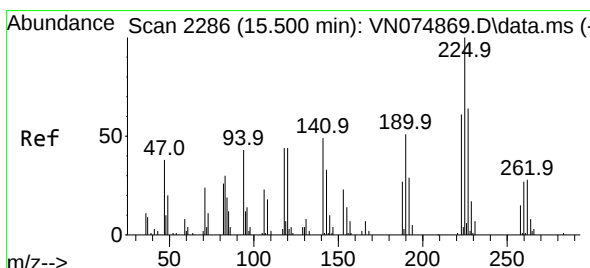
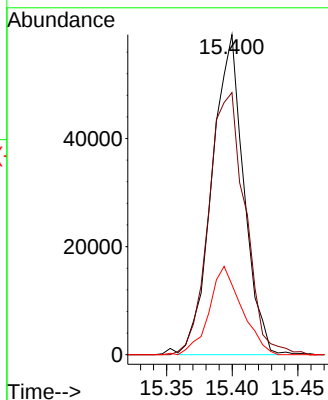
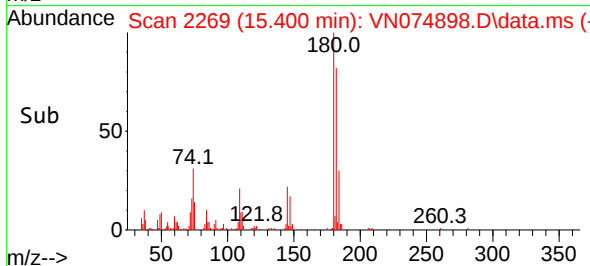
Carlone

10/14/2022

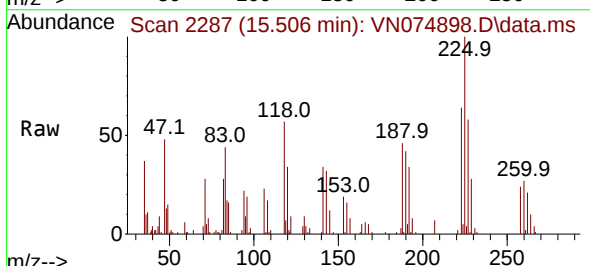
Supervised By :Mahesh

Dadoda

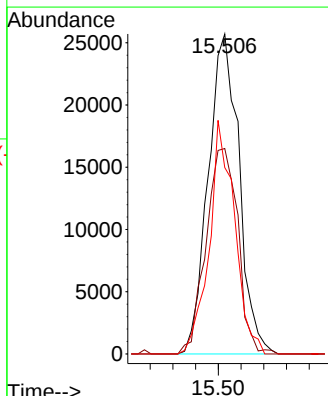
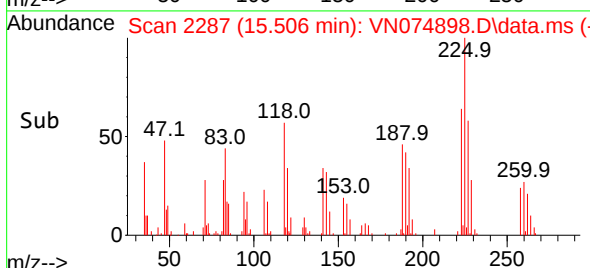
10/14/2022

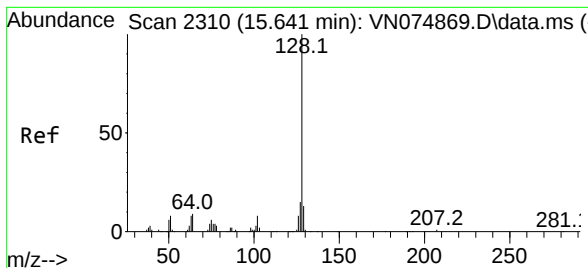


#90
Hexachlorobutadiene
Concen: 18.763 ug/l
RT: 15.506 min Scan# 2287
Delta R.T. 0.006 min
Lab File: VN074898.D
Acq: 13 Oct 2022 16:45



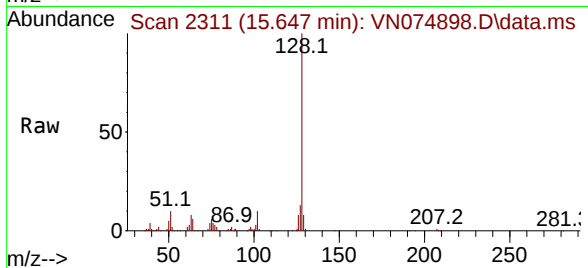
Tgt Ion:225 Resp: 48436
Ion Ratio Lower Upper
225 100
223 65.8 0.0 125.0
227 60.0 0.0 123.0





#91
Naphthalene
Concen: 17.652 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.006 min
Lab File: VN074898.D
Acq: 13 Oct 2022 16:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

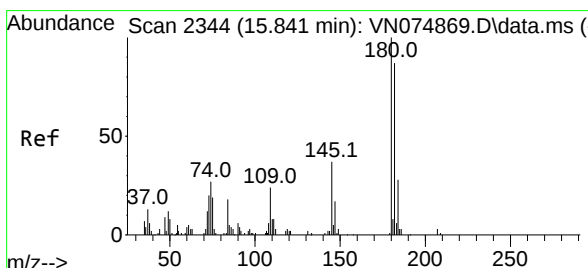
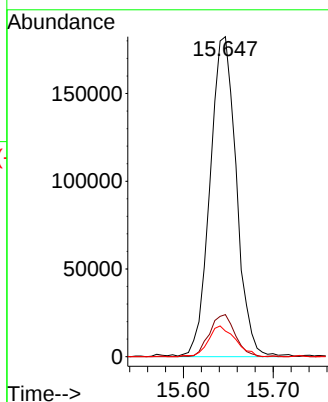
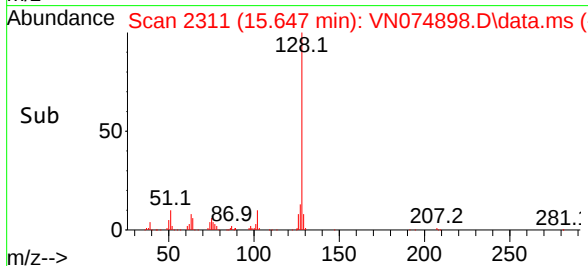


Tgt Ion:128 Resp: 37084
Ion Ratio Lower Upper
128 100
127 12.8 10.7 16.1
129 9.7 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John
Carlone
10/14/2022

Supervised By :Mahesh
Dadoda
10/14/2022



#92
1,2,3-Trichlorobenzene
Concen: 17.177 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN074898.D
Acq: 13 Oct 2022 16:45

Tgt Ion:180 Resp: 95139
Ion Ratio Lower Upper
180 100
182 94.2 0.0 185.4
145 35.0 0.0 68.6

