

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101922\
 Data File : VN074932.D
 Acq On : 19 Oct 2022 15:44
 Operator : JC\MD
 Sample : VSTDIC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/20/2022
 Supervised By : Mahesh Dadoda 10/20/2022

Quant Time: Oct 20 05:46:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101922W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 20 05:43:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	238631	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	421648	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	430971	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	211735	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	54988	9.709	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	19.420%#
35) Dibromofluoromethane	8.171	113	41233	8.916	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	17.840%#
50) Toluene-d8	10.571	98	169023	9.010	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	18.020%#
62) 4-Bromofluorobenzene	12.853	95	41015	8.004	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	16.000%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.154	85	39223	9.501	ug/l	99
3) Chloromethane	2.389	50	57340	9.195	ug/l	98
4) Vinyl Chloride	2.536	62	100610	10.146	ug/l	92
5) Bromomethane	2.948	94	82533	8.245	ug/l	96
6) Chloroethane	3.130	64	84992	8.665	ug/l	96
7) Trichlorofluoromethane	3.506	101	65864	10.111	ug/l #	83
8) Diethyl Ether	3.983	74	30046	10.062	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.400	101	43843	10.750	ug/l	95
10) Methyl Iodide	4.606	142	55787	10.262	ug/l #	75
11) Tert butyl alcohol	5.553	59	70186	52.578	ug/l	95
12) 1,1-Dichloroethene	4.359	96	36168	9.698	ug/l	95
13) Acrolein	4.212	56	44943	45.982	ug/l	97
14) Allyl chloride	5.053	41	71249	9.807	ug/l	94
15) Acrylonitrile	5.742	53	166279	49.935	ug/l	98
16) Acetone	4.459	43	140344	48.747	ug/l	100
17) Carbon Disulfide	4.736	76	77779	8.974	ug/l #	93
18) Methyl Acetate	5.059	43	103505	10.137	ug/l #	83
19) Methyl tert-butyl Ether	5.818	73	148248	10.181	ug/l	92
20) Methylene Chloride	5.306	84	54984	9.615	ug/l	87
21) trans-1,2-Dichloroethene	5.812	96	41992	10.105	ug/l	91
22) Diisopropyl ether	6.683	45	159914	10.138	ug/l #	94
23) Vinyl Acetate	6.624	43	632693	52.998	ug/l	99
24) 1,1-Dichloroethane	6.589	63	89149	10.206	ug/l	97
25) 2-Butanone	7.500	43	232063	49.632	ug/l	93
26) 2,2-Dichloropropane	7.500	77	71292	9.813	ug/l	98
27) cis-1,2-Dichloroethene	7.500	96	52184	9.507	ug/l	93
28) Bromochloromethane	7.824	49	35369	9.114	ug/l	96
29) Tetrahydrofuran	7.853	42	150502	49.938	ug/l	97
30) Chloroform	7.983	83	88703	10.153	ug/l	98
31) Cyclohexane	8.265	56	71541	9.858	ug/l #	90
32) 1,1,1-Trichloroethane	8.177	97	71064	9.607	ug/l	93
36) 1,1-Dichloropropene	8.377	75	62668	9.928	ug/l	95
37) Ethyl Acetate	7.577	43	88150	9.447	ug/l	98
38) Carbon Tetrachloride	8.371	117	59217	9.568	ug/l #	97
39) Methylcyclohexane	9.606	83	70428	9.602	ug/l	94
40) Benzene	8.618	78	197822	9.741	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	46133	9.421	ug/l	98
42) 1,2-Dichloroethane	8.683	62	67136	9.675	ug/l	99
43) Isopropyl Acetate	8.694	43	136848	9.709	ug/l	99
44) Trichloroethene	9.359	130	43150	9.160	ug/l	99
45) 1,2-Dichloropropane	9.630	63	52516	9.412	ug/l #	87
46) Dibromomethane	9.718	93	34255	9.433	ug/l	93
47) Bromodichloromethane	9.894	83	70478	10.294	ug/l	97
48) Methyl methacrylate	9.688	41	58182	9.441	ug/l	96
49) 1,4-Dioxane	9.700	88	25022	182.236	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	457475	48.382	ug/l	99
52) Toluene	10.629	92	121139	9.529	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	69417	9.514	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	77265	9.598	ug/l #	86
55) 1,1,2-Trichloroethane	11.018	97	50078	9.491	ug/l #	86
56) Ethyl methacrylate	10.877	69	79394	9.736	ug/l	97
57) 1,3-Dichloropropane	11.165	76	87410	9.479	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.165	63	154706	45.021	ug/l	98
59) 2-Hexanone	11.200	43	331015	47.581	ug/l	98
60) Dibromochloromethane	11.359	129	47240	9.146	ug/l	98
61) 1,2-Dibromoethane	11.471	107	48682	9.340	ug/l	96
64) Tetrachloroethene	11.100	164	37180	10.345	ug/l #	77
65) Chlorobenzene	11.894	112	121024	9.693	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	46223	9.791	ug/l	98
67) Ethyl Benzene	11.965	91	214331	9.939	ug/l	98
68) m/p-Xylenes	12.076	106	160224	19.285	ug/l	99
69) o-Xylene	12.400	106	80077	9.379	ug/l	98
70) Styrene	12.412	104	121237	9.450	ug/l	98
71) Bromoform	12.576	173	28362	8.775	ug/l #	94
73) Isopropylbenzene	12.694	105	195279	10.115	ug/l	97
74) N-amyl acetate	12.494	43	97011	10.047	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	79060	10.669	ug/l	97
76) 1,2,3-Trichloropropane	13.000	75	54175m	10.243	ug/l	
77) Bromobenzene	12.982	156	38848	9.205	ug/l	83
78) n-propylbenzene	13.041	91	211963	9.825	ug/l	98
79) 2-Chlorotoluene	13.123	91	126817	10.152	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	152435	9.917	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	19404	9.386	ug/l	94
82) 4-Chlorotoluene	13.123	91	126817	10.152	ug/l	98
83) tert-Butylbenzene	13.441	119	141524	10.247	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	139486	9.478	ug/l	98
85) sec-Butylbenzene	13.618	105	180916	9.678	ug/l	100
86) p-Isopropyltoluene	13.729	119	137185	9.475	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	70303	9.468	ug/l	93
88) 1,4-Dichlorobenzene	13.817	146	68937	9.406	ug/l	96
89) n-Butylbenzene	14.059	91	116414	9.707	ug/l	97
90) Hexachloroethane	14.329	117	29958	9.411	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	69443	9.733	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	12622	9.945	ug/l	88
93) 1,2,4-Trichlorobenzene	15.394	180	34683	10.040	ug/l	98
94) Hexachlorobutadiene	15.506	225	18974	10.326	ug/l	90
95) Naphthalene	15.641	128	129617	9.614	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	34905	9.246	ug/l	90

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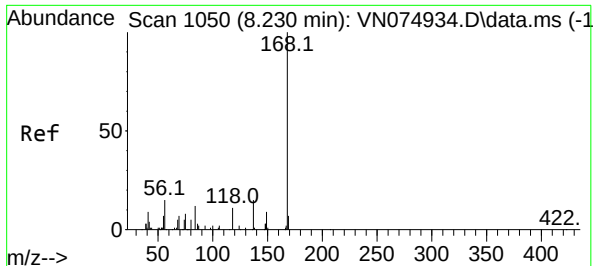
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 10/20/2022

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101922W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 20 05:43:46 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



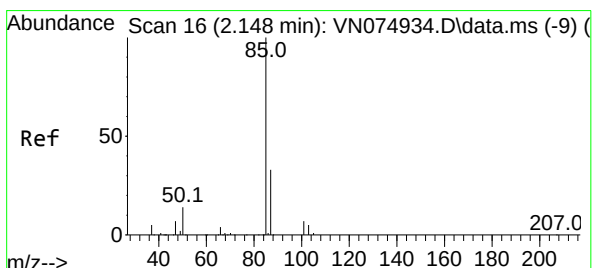
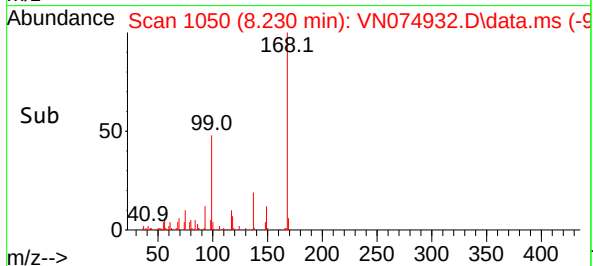
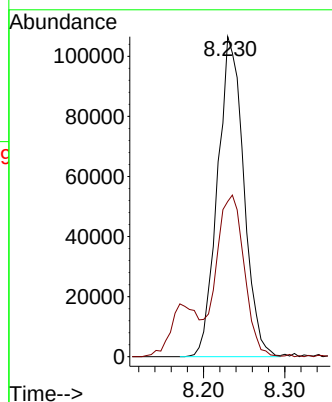
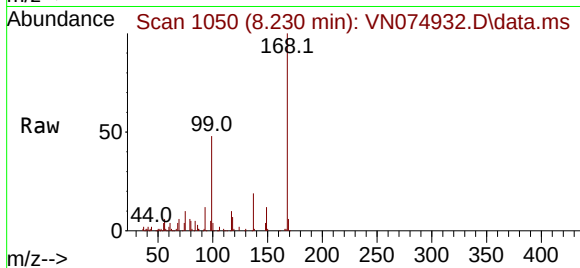
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN074932.D
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Instrument :
MSVOA_N
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Tgt Ion:168 Resp: 23863
Ion Ratio Lower Upper
168 100
99 48.3 39.9 59.9

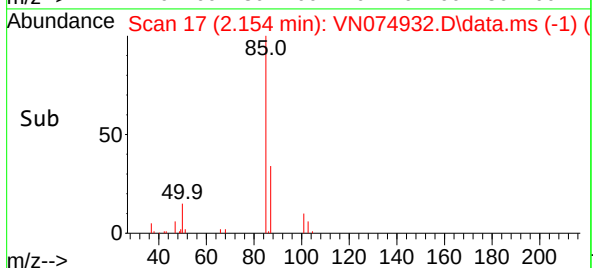
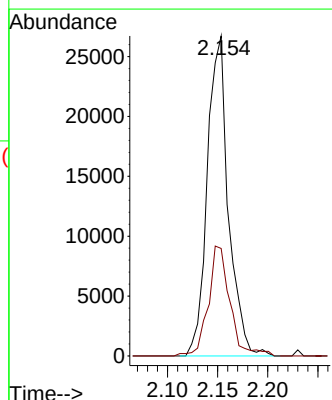
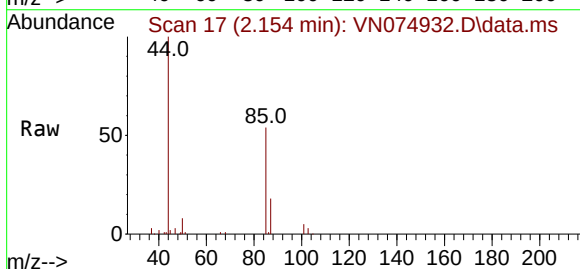
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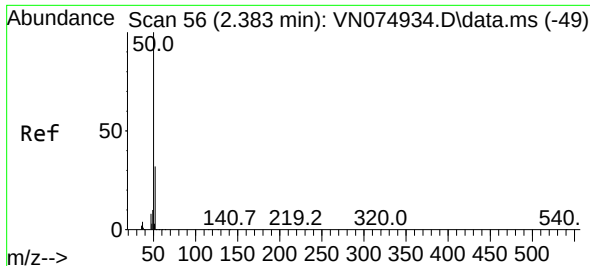
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#2
Dichlorodifluoromethane
Concen: 9.501 ug/l
RT: 2.154 min Scan# 17
Delta R.T. 0.006 min
Lab File: VN074932.D
Acq: 19 Oct 2022 15:44

Tgt Ion: 85 Resp: 39223
Ion Ratio Lower Upper
85 100
87 33.6 16.4 49.4





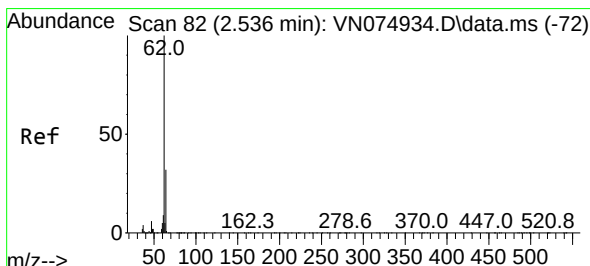
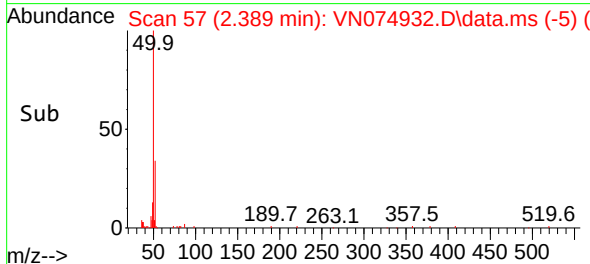
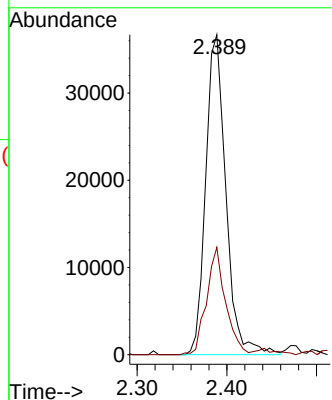
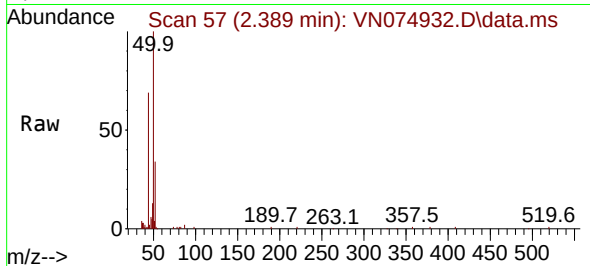
#3
Chloromethane
Concen: 9.195 ug/l
RT: 2.389 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN074932.D
Acq: 19 Oct 2022 15:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 50 Resp: 57340
Ion Ratio Lower Upper
50 100
52 33.6 26.0 39.0

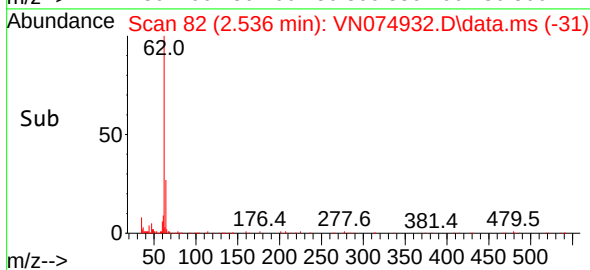
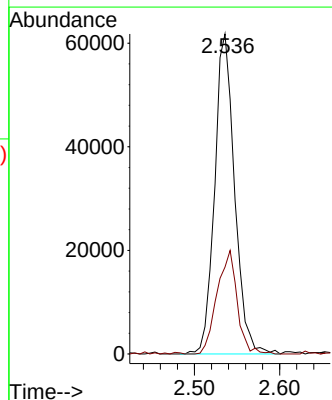
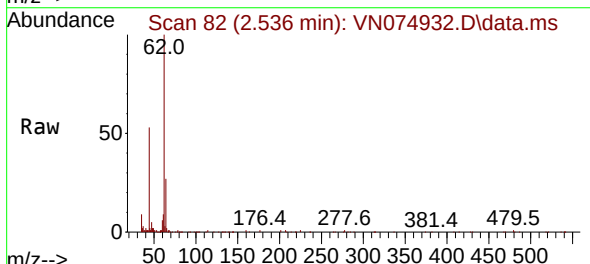
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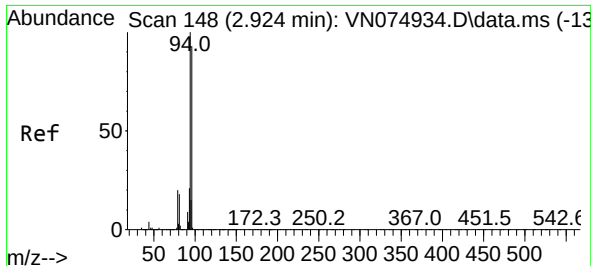
Reviewed By :John Carlone 10/20/2022
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#4
Vinyl Chloride
Concen: 10.146 ug/l
RT: 2.536 min Scan# 82
Delta R.T. 0.000 min
Lab File: VN074932.D
Acq: 19 Oct 2022 15:44

Tgt Ion: 62 Resp: 100610
Ion Ratio Lower Upper
62 100
64 27.1 25.4 38.2





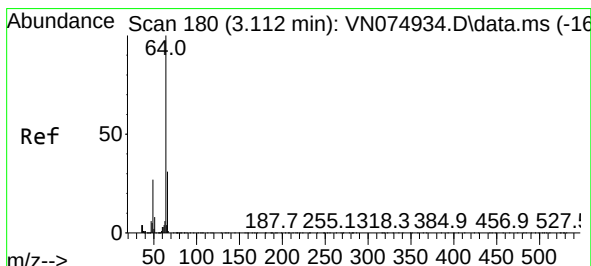
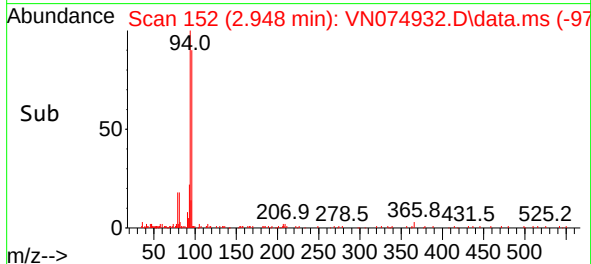
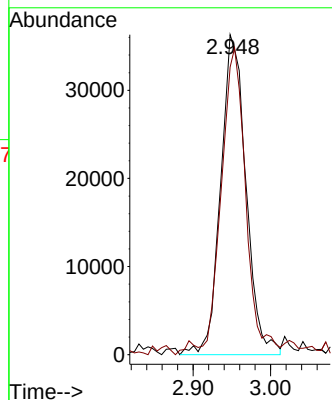
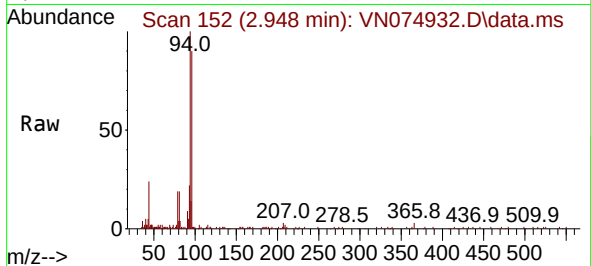
#5
Bromomethane
Concen: 8.245 ug/l
RT: 2.948 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN074932.D
Acq: 19 Oct 2022 15:44

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Tgt Ion: 94 Resp: 8253
Ion Ratio Lower Upper
94 100
96 88.5 73.8 110.6

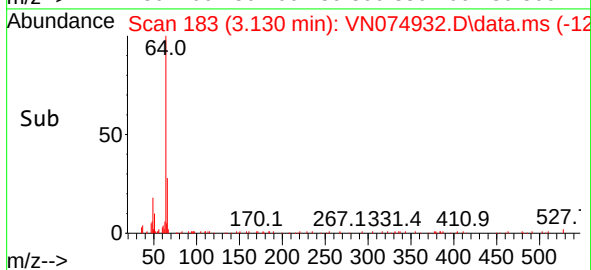
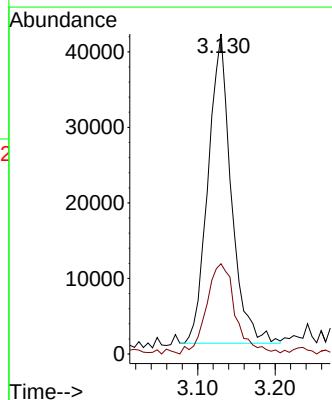
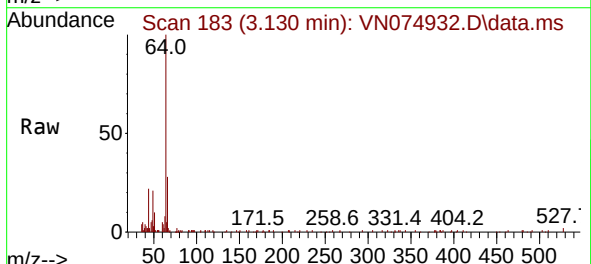
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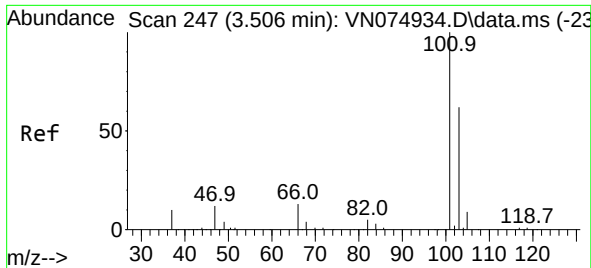
Reviewed By :John Carlone 10/20/2022
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#6
Chloroethane
Concen: 8.665 ug/l
RT: 3.130 min Scan# 183
Delta R.T. 0.018 min
Lab File: VN074932.D
Acq: 19 Oct 2022 15:44

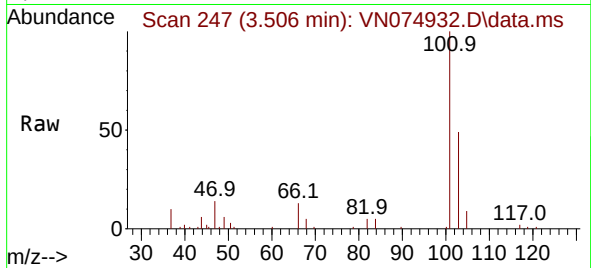
Tgt Ion: 64 Resp: 84992
Ion Ratio Lower Upper
64 100
66 28.8 24.9 37.3





#7
Trichlorofluoromethane
Concen: 10.111 ug/l
RT: 3.506 min Scan# 247
Delta R.T. 0.000 min
Lab File: VN074932.D
Acq: 19 Oct 2022 15:44

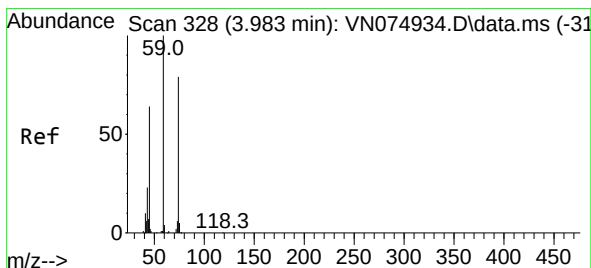
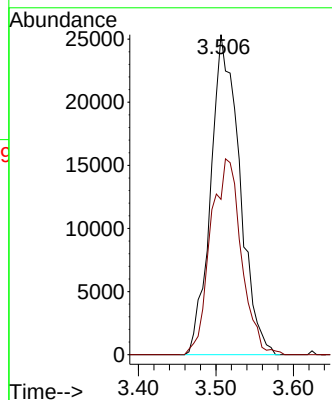
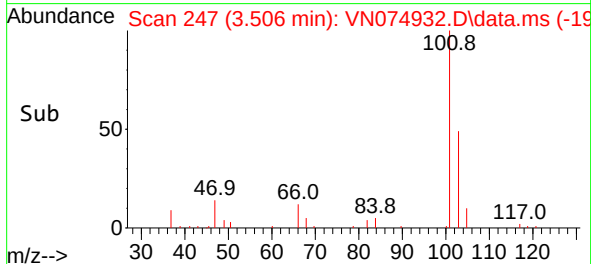
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion:101 Resp: 65864
Ion Ratio Lower Upper
101 100
103 48.6 49.5 74.3

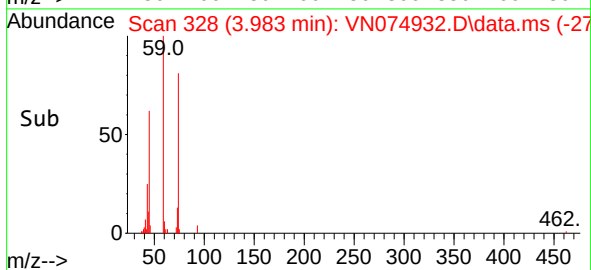
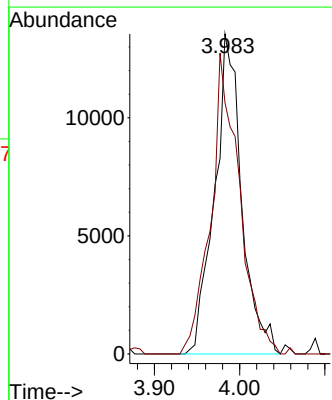
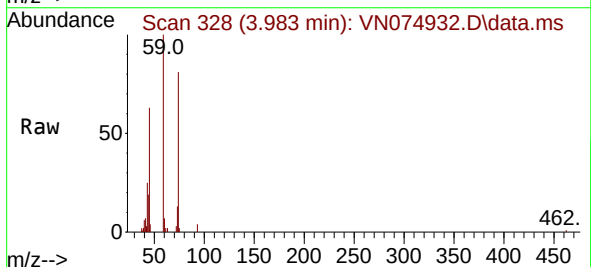
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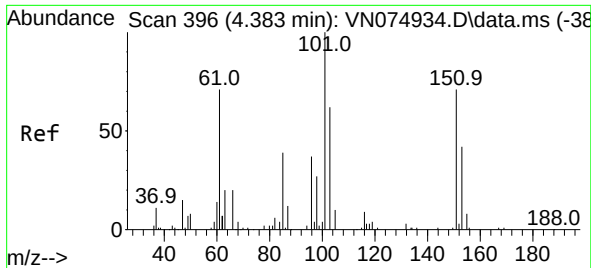
Reviewed By :John Carlone 10/20/2022
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#8
Diethyl Ether
Concen: 10.062 ug/l
RT: 3.983 min Scan# 328
Delta R.T. 0.000 min
Lab File: VN074932.D
Acq: 19 Oct 2022 15:44

Tgt Ion: 74 Resp: 30046
Ion Ratio Lower Upper
74 100
45 98.4 46.8 140.3





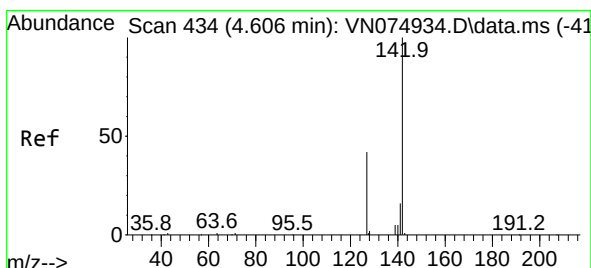
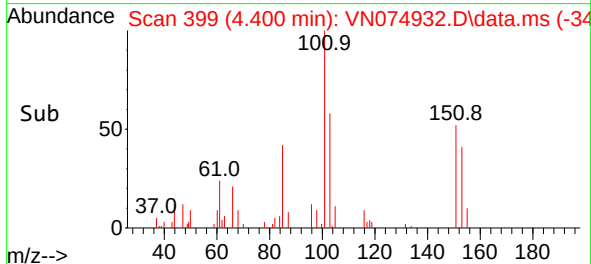
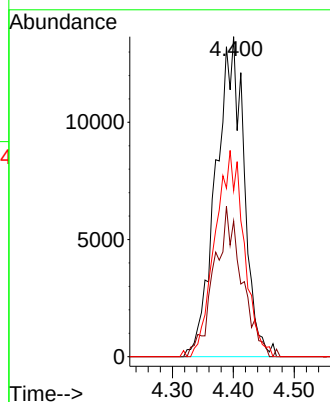
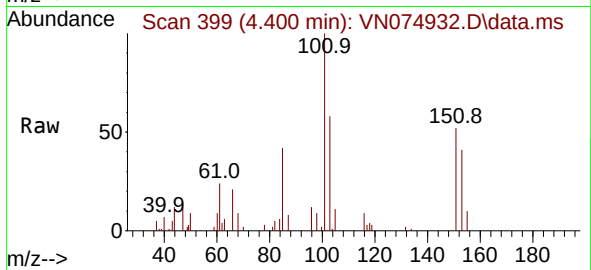
#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.750 ug/l
RT: 4.400 min Scan# 396
Delta R.T. 0.018 min
Lab File: VN074932.D
Acq: 19 Oct 2022 15:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:101 Resp: 4384
Ion Ratio Lower Upper
101 100
85 46.2 37.4 56.0
151 66.0 58.0 87.0

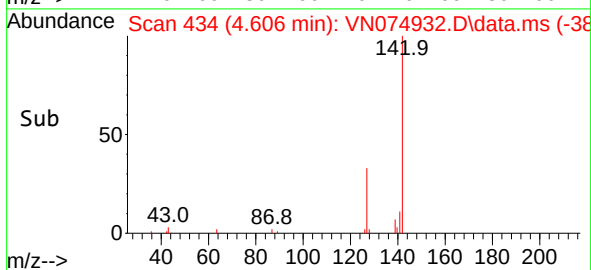
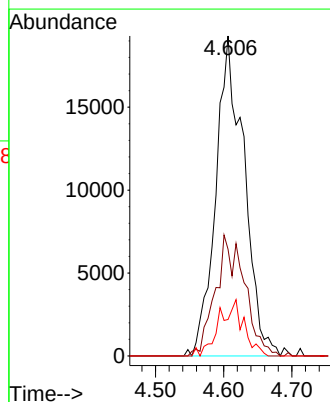
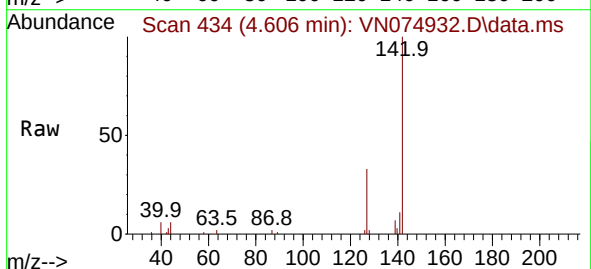
Manual Integrations
APPROVED

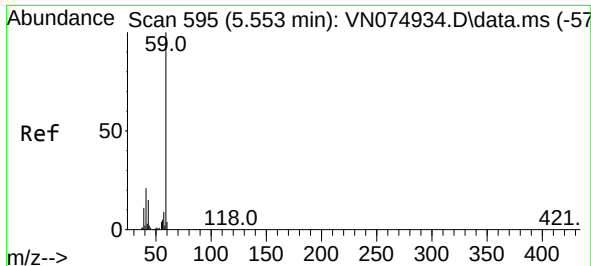
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#10
Methyl Iodide
Concen: 10.262 ug/l
RT: 4.606 min Scan# 434
Delta R.T. 0.000 min
Lab File: VN074932.D
Acq: 19 Oct 2022 15:44

Tgt Ion:142 Resp: 55787
Ion Ratio Lower Upper
142 100
127 22.2 35.3 52.9#
141 15.3 12.3 18.5





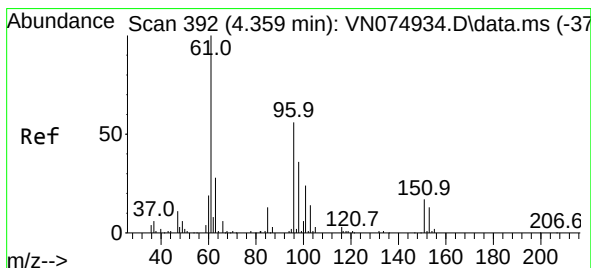
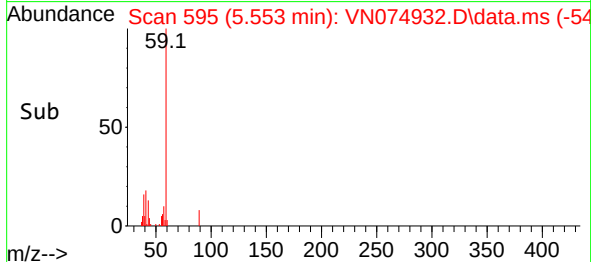
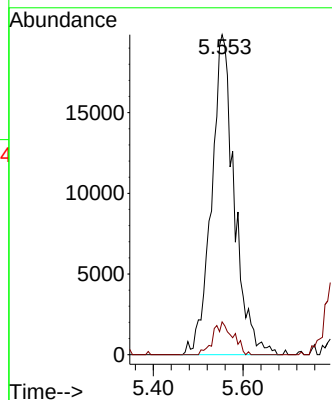
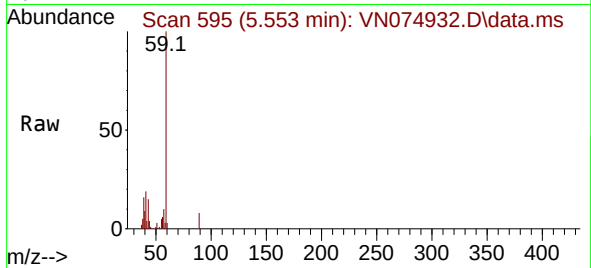
#11
Tert butyl alcohol
Concen: 52.578 ug/l
RT: 5.553 min Scan# 595
Delta R.T. 0.000 min
Lab File: VN074932.D
Acq: 19 Oct 2022 15:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 59 Resp: 70180
Ion Ratio Lower Upper
59 100
57 8.9 8.6 13.0

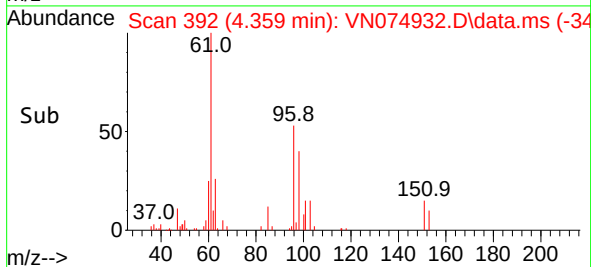
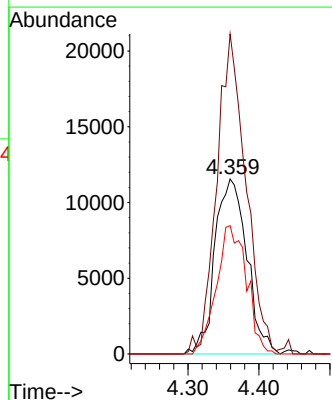
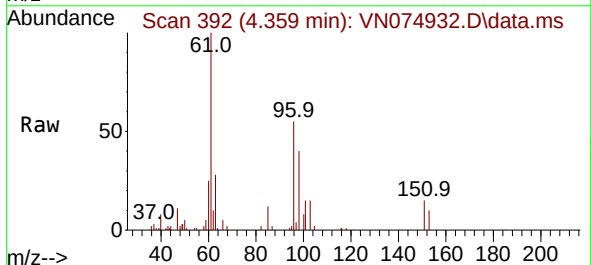
Manual Integrations
APPROVED

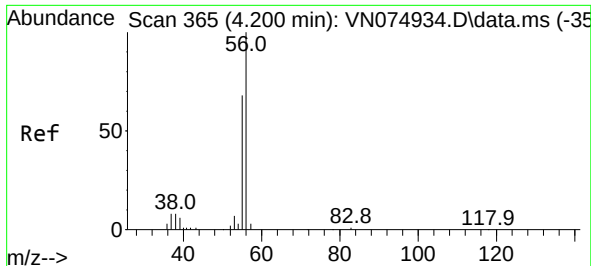
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#12
1,1-Dichloroethene
Concen: 9.698 ug/l
RT: 4.359 min Scan# 392
Delta R.T. 0.000 min
Lab File: VN074932.D
Acq: 19 Oct 2022 15:44

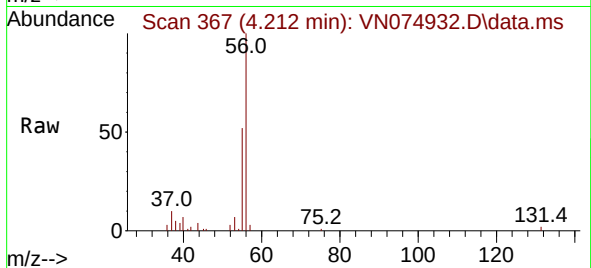
Tgt Ion: 96 Resp: 36168
Ion Ratio Lower Upper
96 100
61 182.7 142.9 214.3
98 73.3 51.8 77.6





#13
Acrolein
Concen: 45.982 ug/l
RT: 4.212 min Scan# 30
Delta R.T. 0.012 min
Lab File: VN074932.D
Acq: 19 Oct 2022 15:44

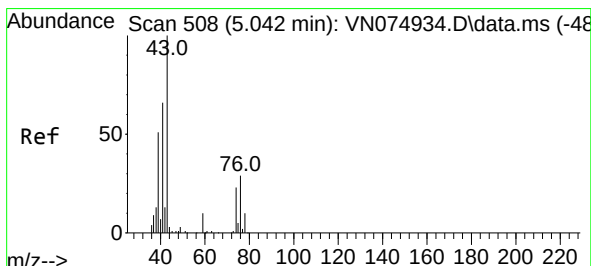
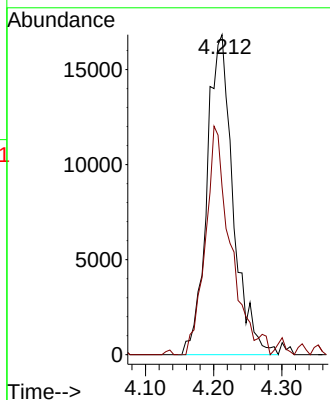
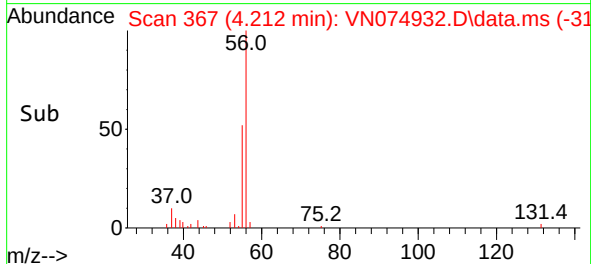
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 56 Resp: 4494
Ion Ratio Lower Upper
56 100
55 68.8 57.0 85.6

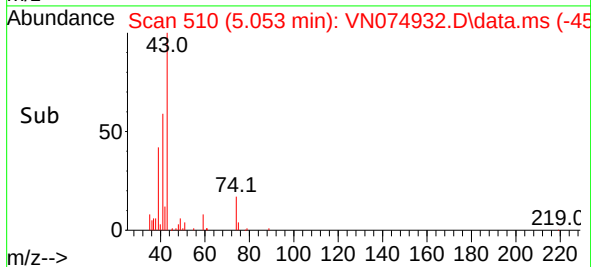
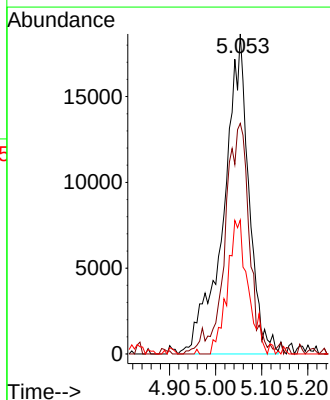
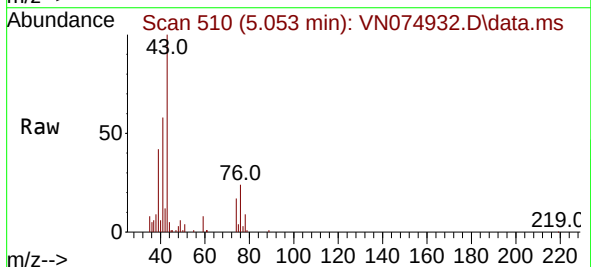
Manual Integrations
APPROVED

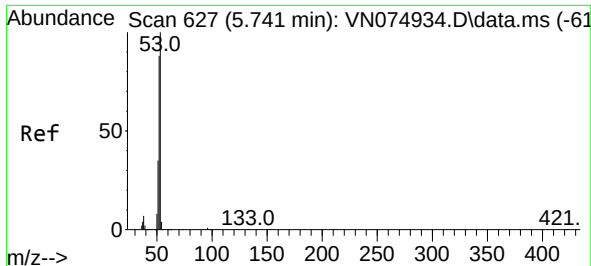
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#14
Allyl chloride
Concen: 9.807 ug/l
RT: 5.053 min Scan# 510
Delta R.T. 0.012 min
Lab File: VN074932.D
Acq: 19 Oct 2022 15:44

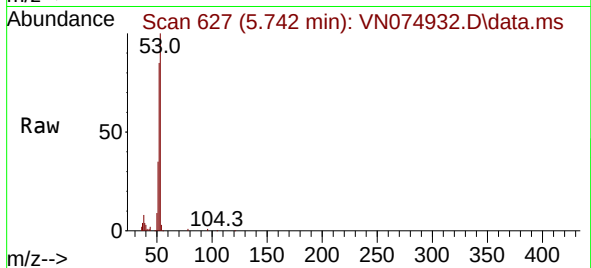
Tgt Ion: 41 Resp: 71249
Ion Ratio Lower Upper
41 100
39 65.6 56.9 85.3
76 33.9 29.0 43.6





#15
Acrylonitrile
Concen: 49.935 ug/l
RT: 5.742 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN074932.D
Acq: 19 Oct 2022 15:44

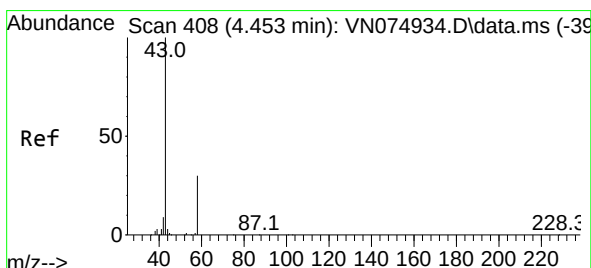
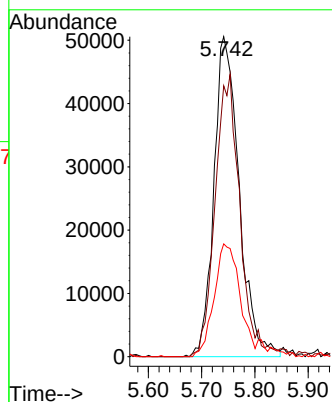
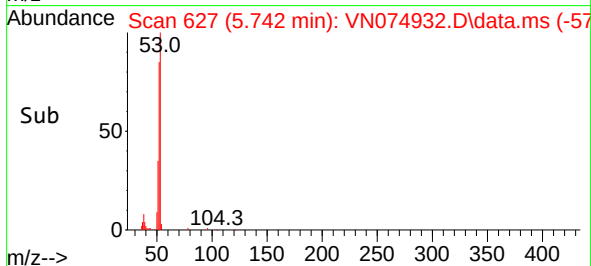
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



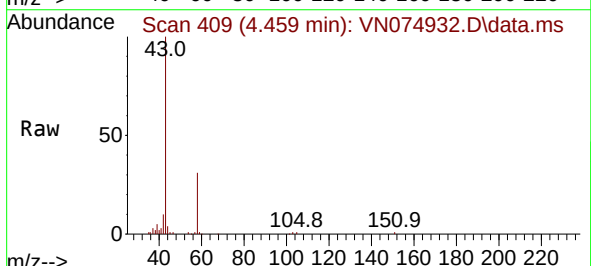
Tgt Ion: 53 Resp: 166279
Ion Ratio Lower Upper
53 100
52 85.8 66.5 99.7
51 35.8 29.2 43.8

Manual Integrations
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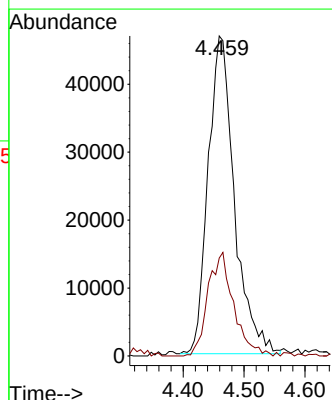
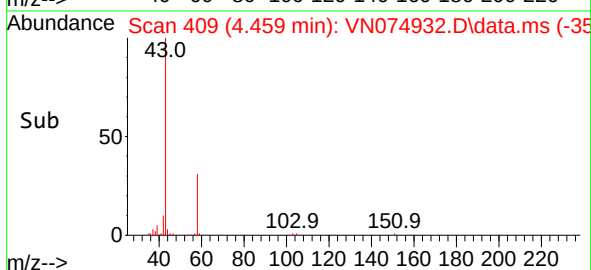
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

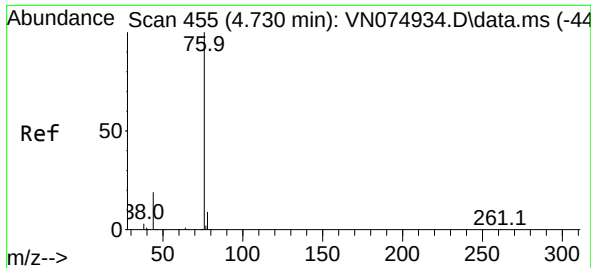


#16
Acetone
Concen: 48.747 ug/l
RT: 4.459 min Scan# 409
Delta R.T. 0.006 min
Lab File: VN074932.D
Acq: 19 Oct 2022 15:44



Tgt Ion: 43 Resp: 140344
Ion Ratio Lower Upper
43 100
58 30.8 24.5 36.7





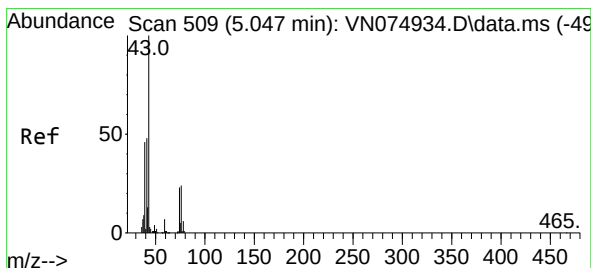
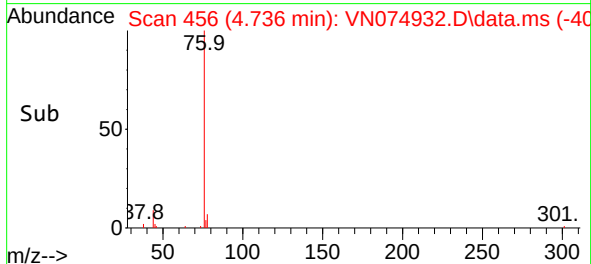
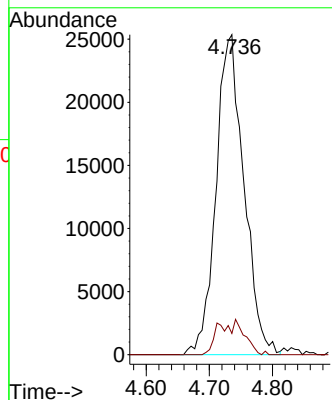
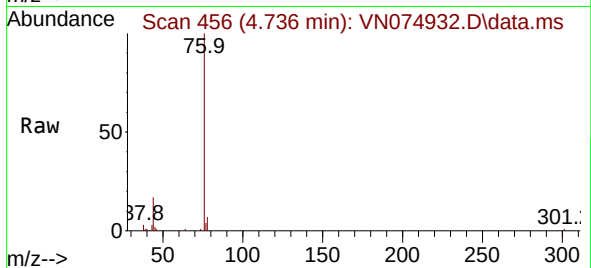
#17
Carbon Disulfide
Concen: 8.974 ug/l
RT: 4.736 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN074932.D
Acq: 19 Oct 2022 15:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 76 Resp: 77779
Ion Ratio Lower Upper
76 100
78 6.6 7.2 10.8

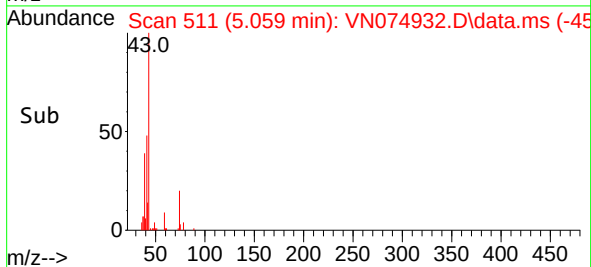
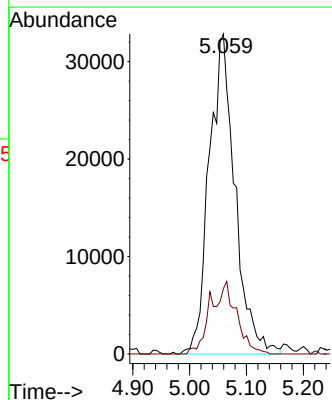
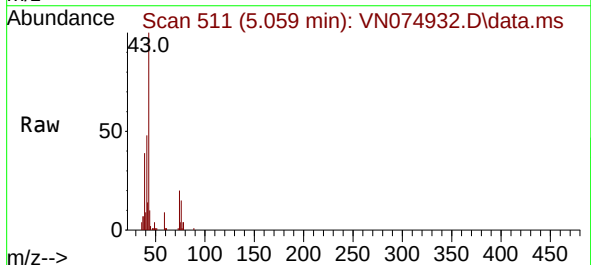
Manual Integrations
APPROVED

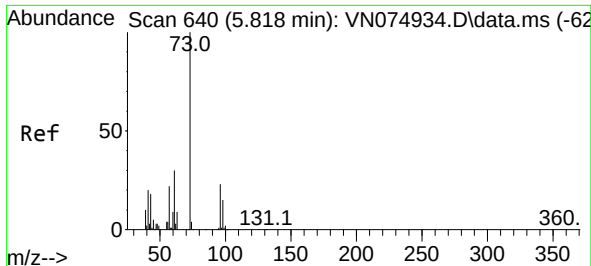
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#18
Methyl Acetate
Concen: 10.137 ug/l
RT: 5.059 min Scan# 511
Delta R.T. 0.012 min
Lab File: VN074932.D
Acq: 19 Oct 2022 15:44

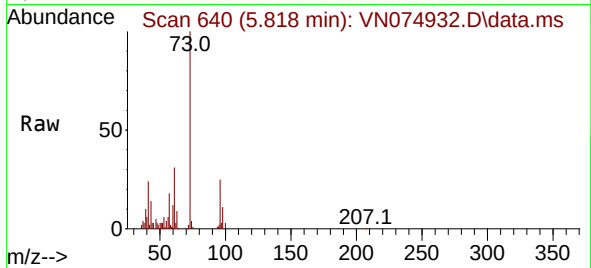
Tgt Ion: 43 Resp: 103505
Ion Ratio Lower Upper
43 100
74 14.7 18.4 27.6





#19
Methyl tert-butyl Ether
Concen: 10.181 ug/l
RT: 5.818 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN074932.D
Acq: 19 Oct 2022 15:44

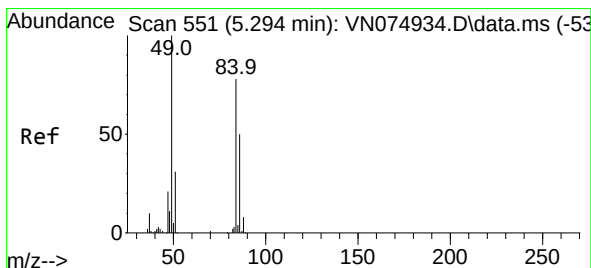
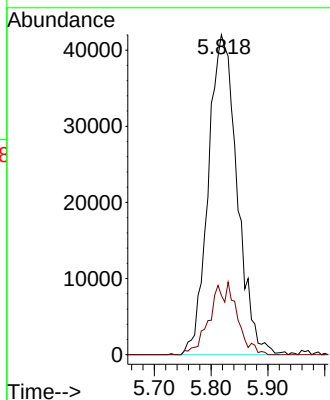
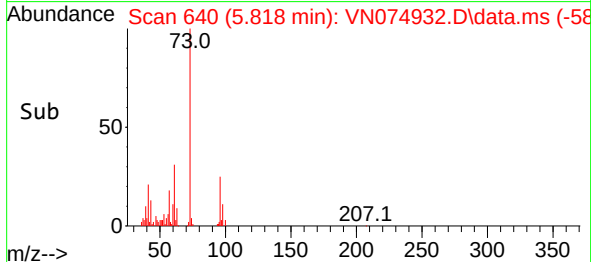
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 73 Resp: 14824
Ion Ratio Lower Upper
73 100
57 18.5 17.7 26.5

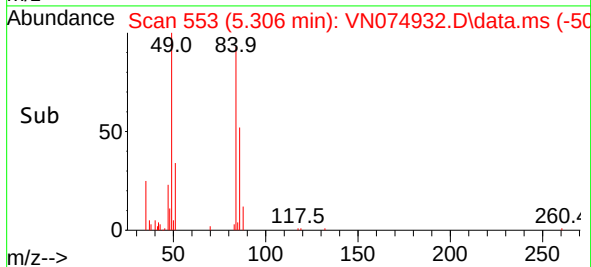
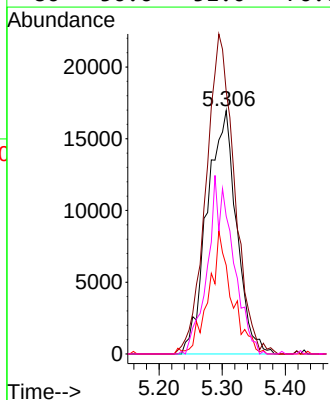
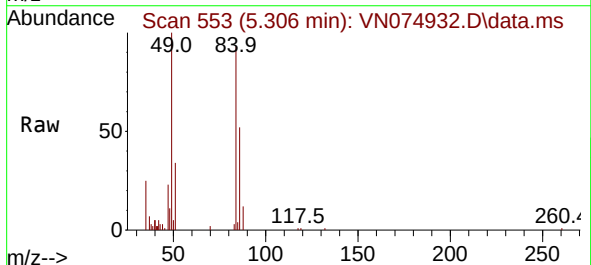
Manual Integrations
APPROVED

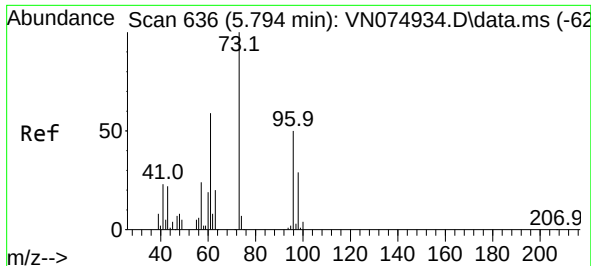
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#20
Methylene Chloride
Concen: 9.615 ug/l
RT: 5.306 min Scan# 553
Delta R.T. 0.012 min
Lab File: VN074932.D
Acq: 19 Oct 2022 15:44

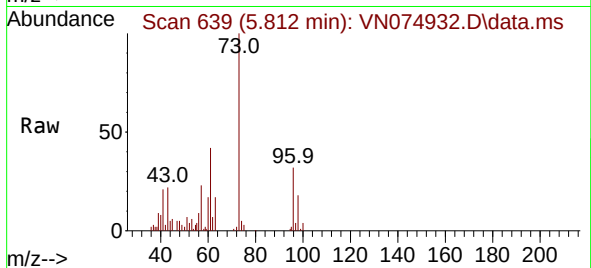
Tgt Ion: 84 Resp: 54984
Ion Ratio Lower Upper
84 100
49 107.9 102.1 153.1
51 36.4 32.1 48.1
86 56.6 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 10.105 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.018 min
Lab File: VN074932.D
Acq: 19 Oct 2022 15:44

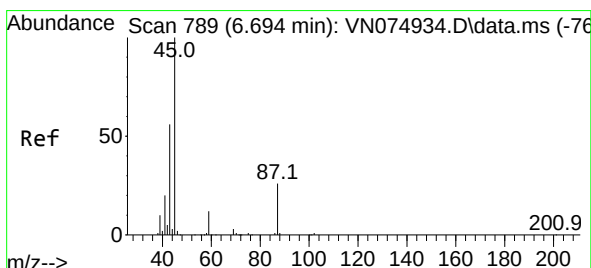
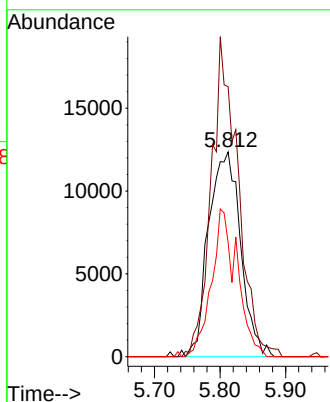
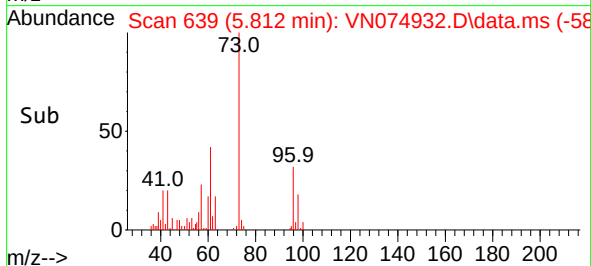
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 96 Resp: 41992
Ion Ratio Lower Upper
96 100
61 131.8 95.8 143.8
98 55.8 47.4 71.0

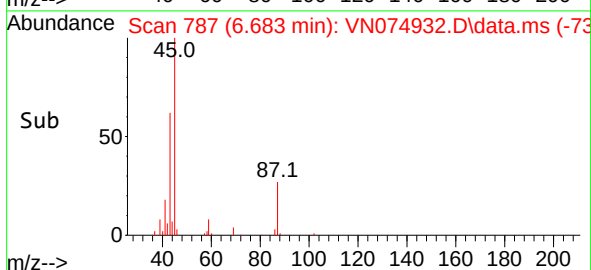
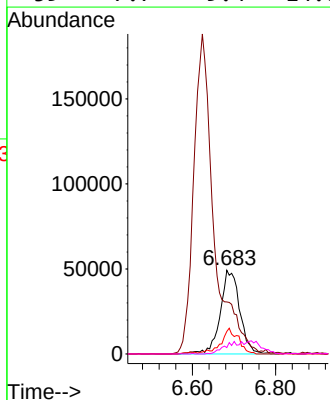
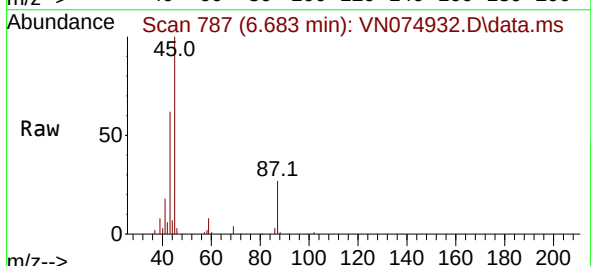
Manual Integrations
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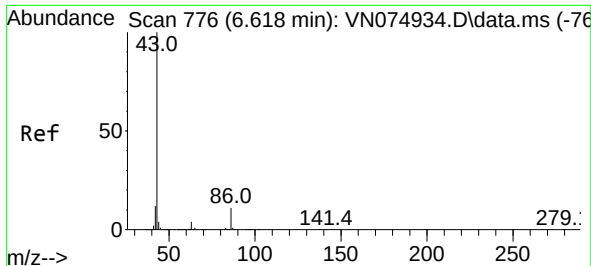
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#22
Diisopropyl ether
Concen: 10.138 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.012 min
Lab File: VN074932.D
Acq: 19 Oct 2022 15:44

Tgt Ion: 45 Resp: 159914
Ion Ratio Lower Upper
45 100
43 60.3 44.5 66.7
87 26.9 20.8 31.2
59 7.7 9.4 14.0#





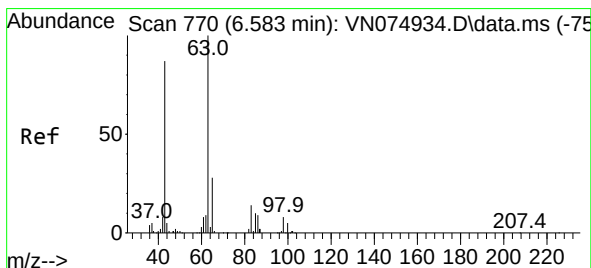
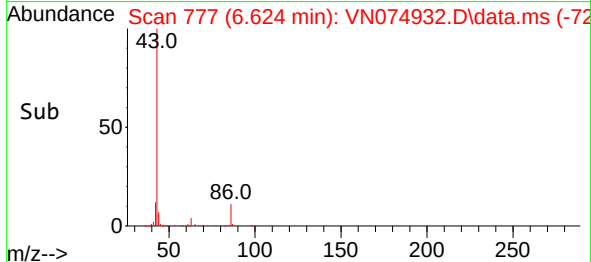
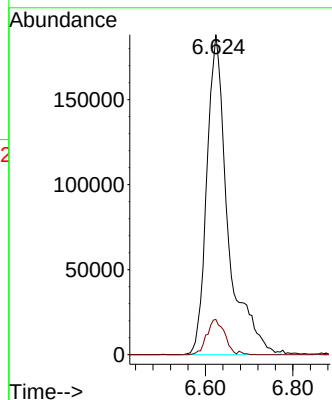
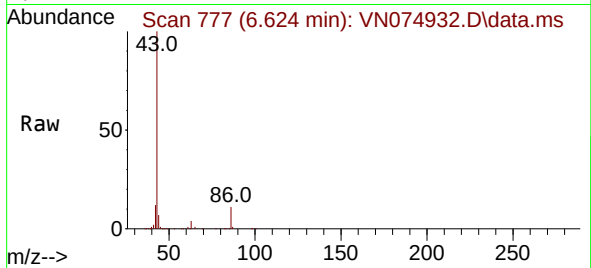
#23
 Vinyl Acetate
 Concen: 52.998 ug/l
 RT: 6.624 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VN074932.D
 Acq: 19 Oct 2022 15:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Tgt Ion: 43 Resp: 63269
 Ion Ratio Lower Upper
 43 100
 86 11.0 9.0 13.4

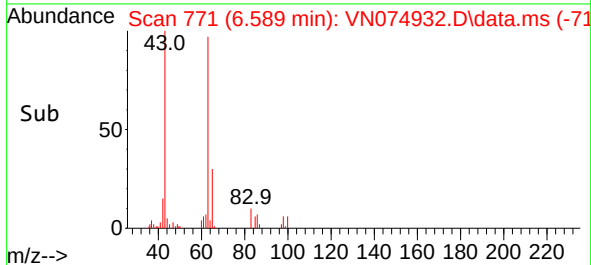
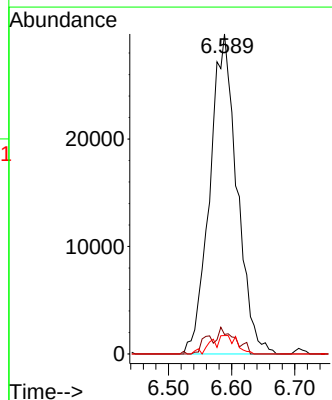
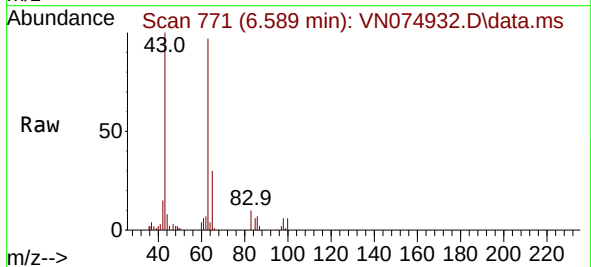
Manual Integrations
 APPROVED

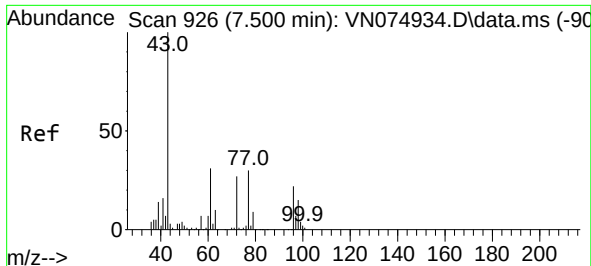
Reviewed By :John Carlone 10/20/2022
 Supervised By :Mahesh Dadoda 10/20/2022



#24
 1,1-Dichloroethane
 Concen: 10.206 ug/l
 RT: 6.589 min Scan# 771
 Delta R.T. 0.006 min
 Lab File: VN074932.D
 Acq: 19 Oct 2022 15:44

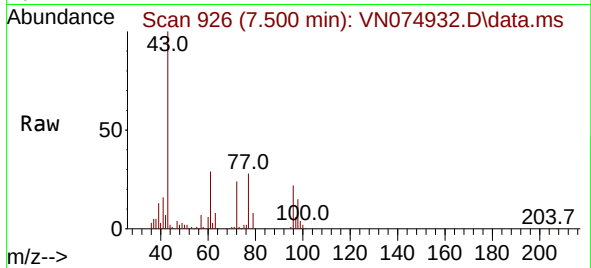
Tgt Ion: 63 Resp: 89149
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.9 11.5
 100 5.7 2.6 7.8





#25
2-Butanone
Concen: 49.632 ug/l
RT: 7.500 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN074932.D
Acq: 19 Oct 2022 15:44

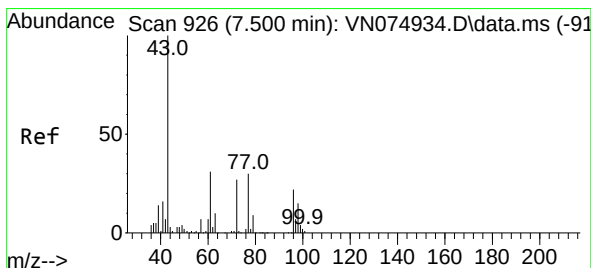
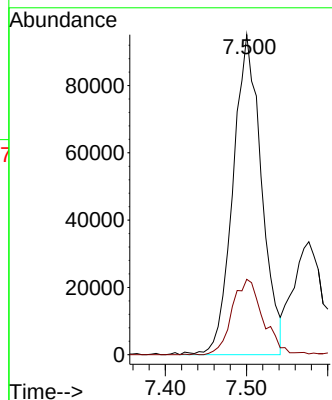
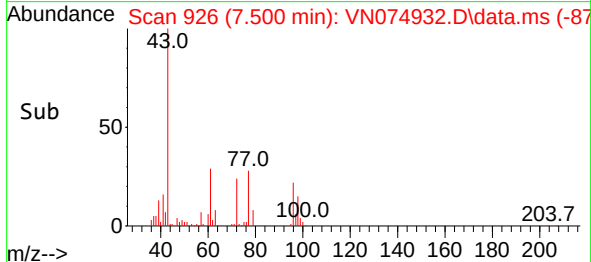
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



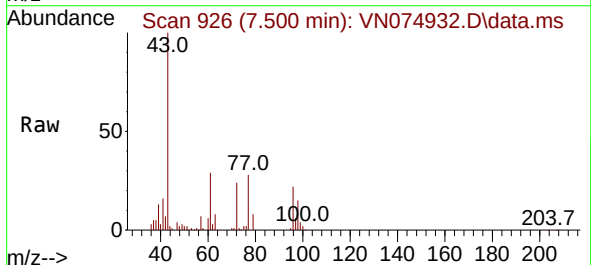
Tgt Ion: 43 Resp: 23206
Ion Ratio Lower Upper
43 100
72 23.6 21.6 32.4

Manual Integrations
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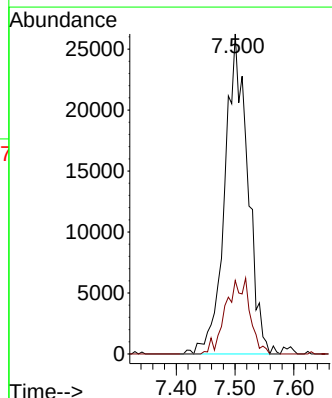
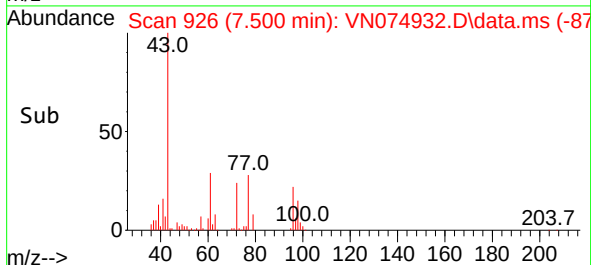
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

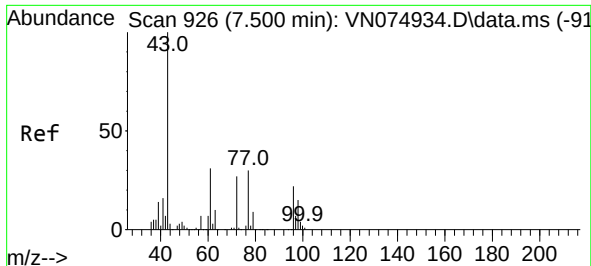


#26
2,2-Dichloropropane
Concen: 9.813 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.000 min
Lab File: VN074932.D
Acq: 19 Oct 2022 15:44



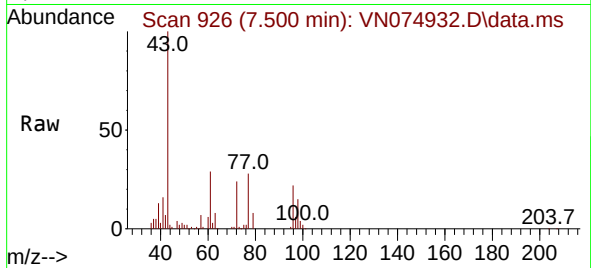
Tgt Ion: 77 Resp: 71292
Ion Ratio Lower Upper
77 100
97 24.7 11.8 35.3





#27
 cis-1,2-Dichloroethene
 Concen: 9.507 ug/l
 RT: 7.500 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN074932.D
 Acq: 19 Oct 2022 15:44

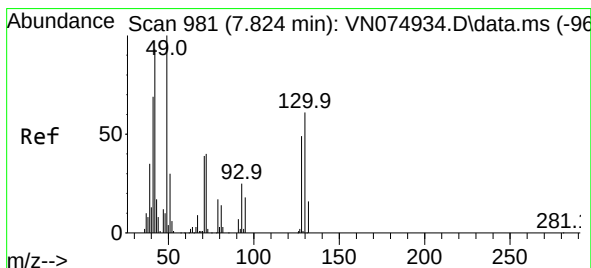
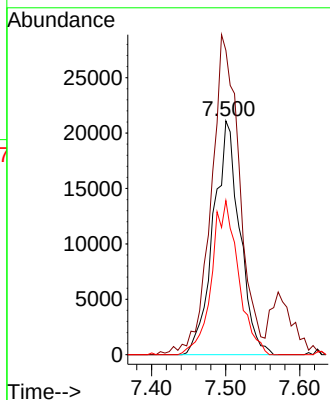
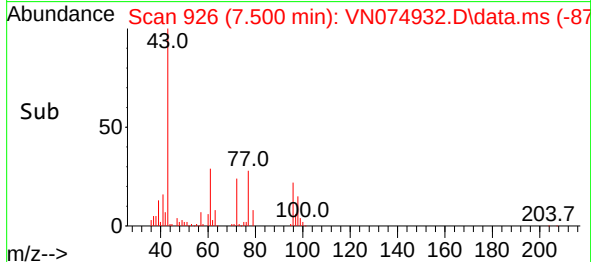
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



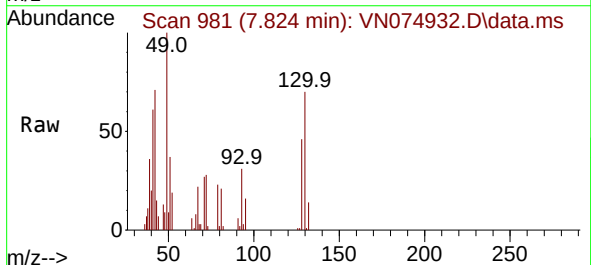
Tgt Ion: 96 Resp: 52184
 Ion Ratio Lower Upper
 96 100
 61 147.2 0.0 274.0
 98 66.7 0.0 126.8

Manual Integrations
 APPROVED

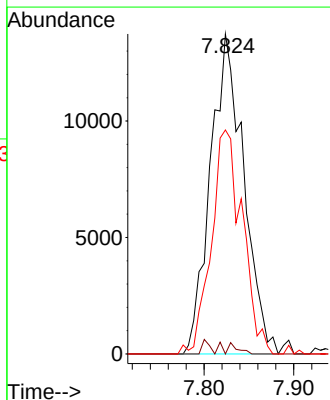
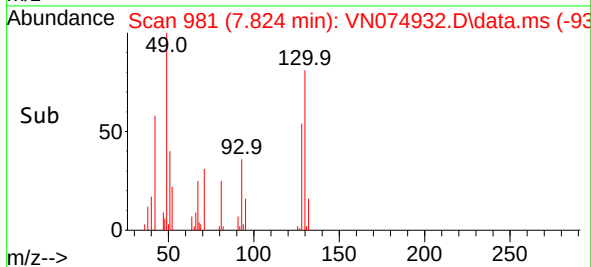
Reviewed By :John Carlone 10/20/2022
 Supervised By :Mahesh Dadoda 10/20/2022

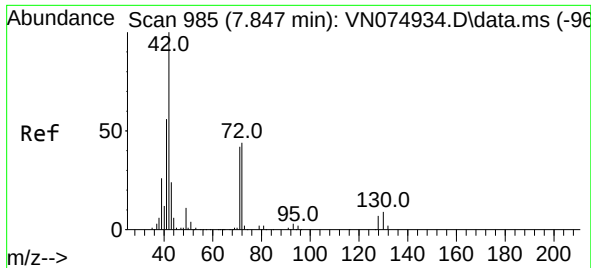


#28
 Bromochloromethane
 Concen: 9.114 ug/l
 RT: 7.824 min Scan# 981
 Delta R.T. 0.000 min
 Lab File: VN074932.D
 Acq: 19 Oct 2022 15:44



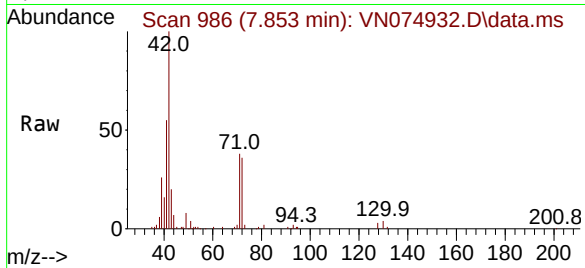
Tgt Ion: 49 Resp: 35369
 Ion Ratio Lower Upper
 49 100
 129 0.5 0.0 3.2
 130 65.2 54.7 82.1





#29
Tetrahydrofuran
Concen: 49.938 ug/l
RT: 7.853 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN074932.D
Acq: 19 Oct 2022 15:44

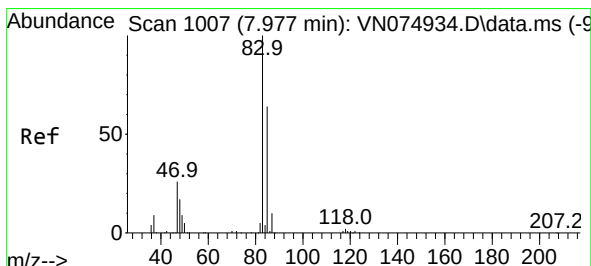
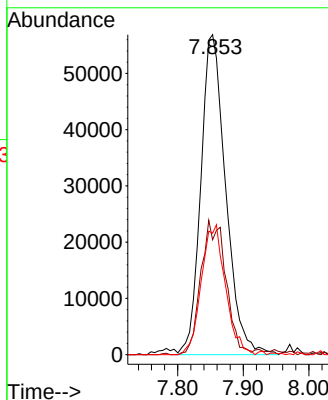
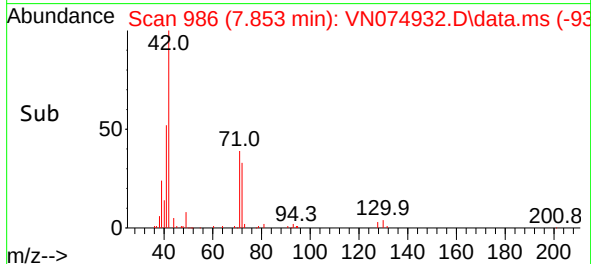
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



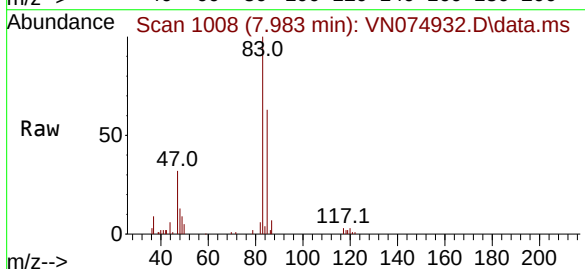
Tgt Ion: 42 Resp: 15050
Ion Ratio Lower Upper
42 100
72 42.0 35.3 52.9
71 39.1 32.2 48.4

Manual Integrations
APPROVED

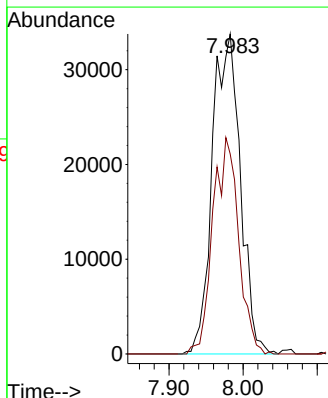
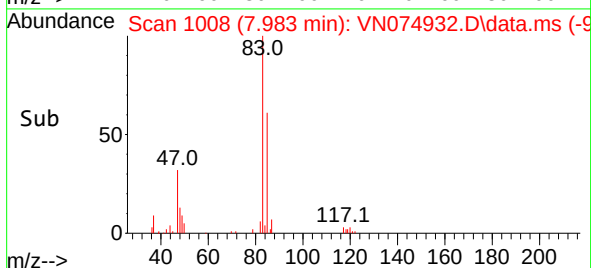
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

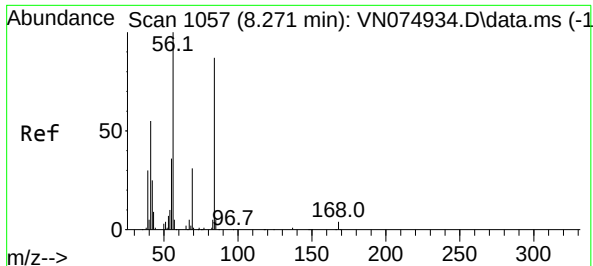


#30
Chloroform
Concen: 10.153 ug/l
RT: 7.983 min Scan# 1008
Delta R.T. 0.006 min
Lab File: VN074932.D
Acq: 19 Oct 2022 15:44



Tgt Ion: 83 Resp: 88703
Ion Ratio Lower Upper
83 100
85 62.5 51.4 77.2





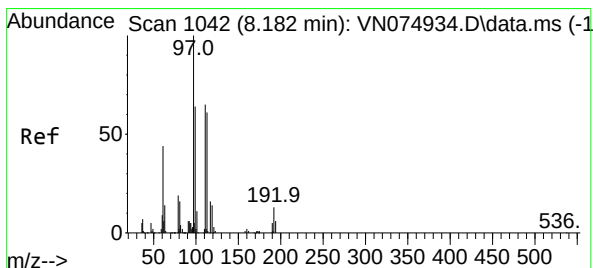
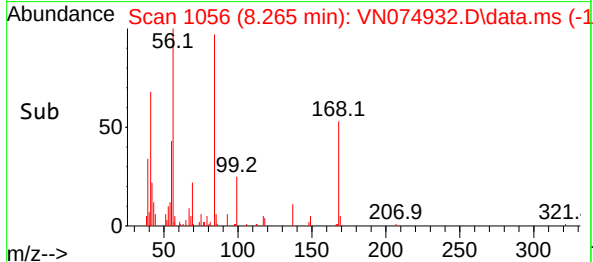
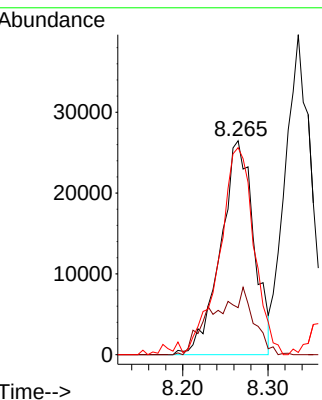
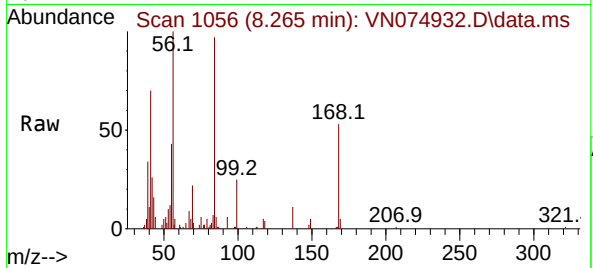
#31
Cyclohexane
Concen: 9.858 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN074932.D
Acq: 19 Oct 2022 15:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 56 Resp: 7154
Ion Ratio Lower Upper
56 100
69 22.0 24.9 37.3
84 93.9 69.8 104.8

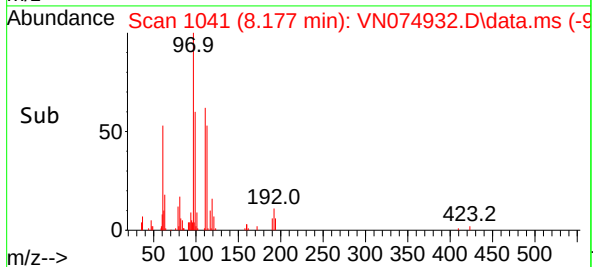
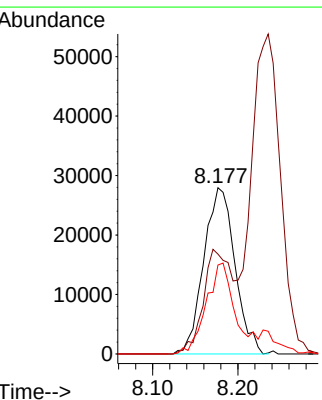
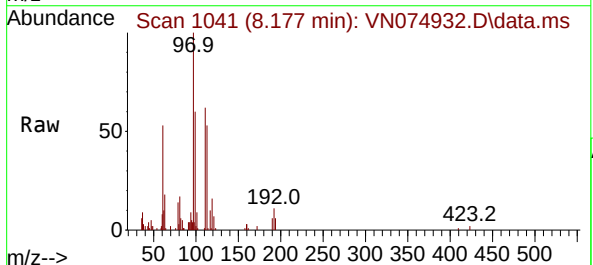
Manual Integrations
APPROVED

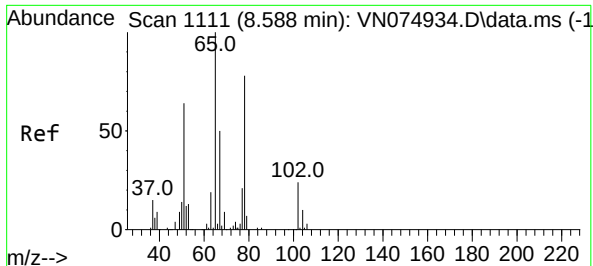
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#32
1,1,1-Trichloroethane
Concen: 9.607 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VN074932.D
Acq: 19 Oct 2022 15:44

Tgt Ion: 97 Resp: 71064
Ion Ratio Lower Upper
97 100
99 54.9 50.6 76.0
61 48.1 39.1 58.7





#33

1,2-Dichloroethane-d4

Concen: 9.709 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.000 min

Lab File: VN074932.D

Acq: 19 Oct 2022 15:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 65 Resp: 5498

Ion Ratio Lower Upper

65 100

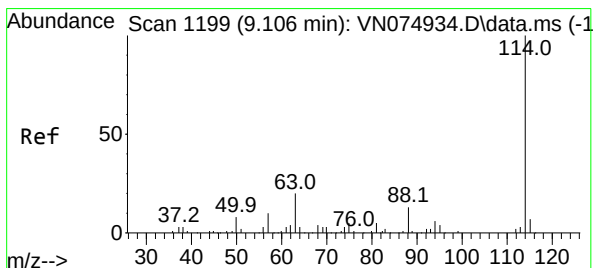
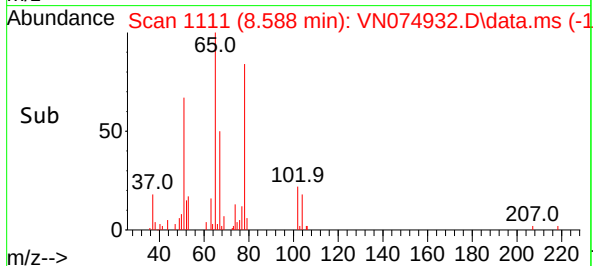
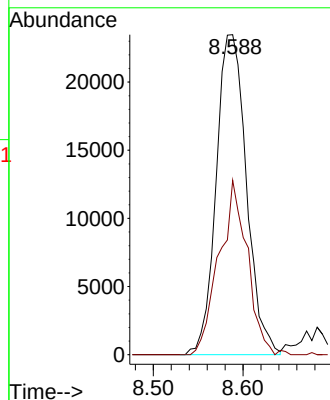
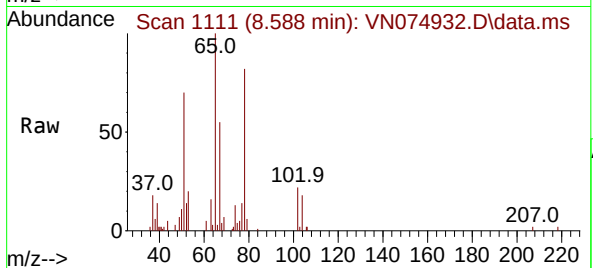
67 51.0 0.0 109.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN074932.D

Acq: 19 Oct 2022 15:44

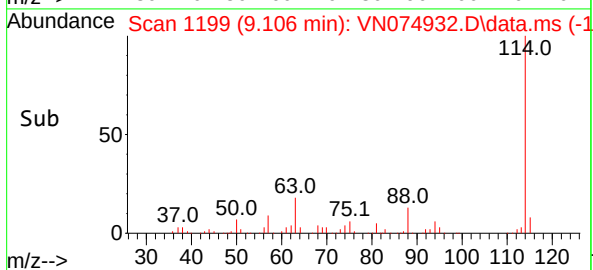
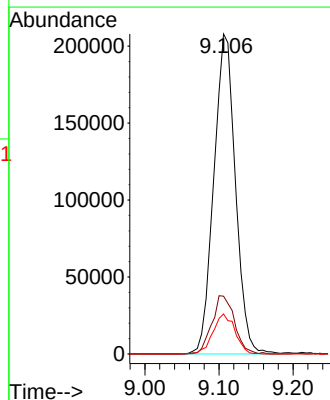
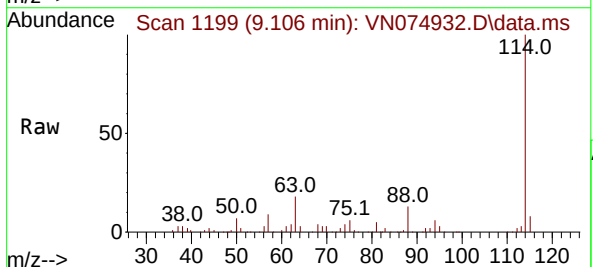
Tgt Ion:114 Resp: 421648

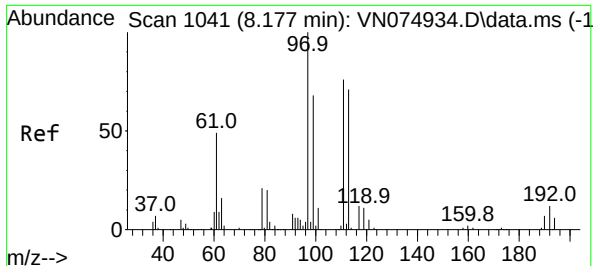
Ion Ratio Lower Upper

114 100

63 18.0 0.0 40.4

88 12.5 0.0 26.6





#35

Dibromofluoromethane

Concen: 8.916 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VN074932.D

Acq: 19 Oct 2022 15:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 113 Resp: 4123

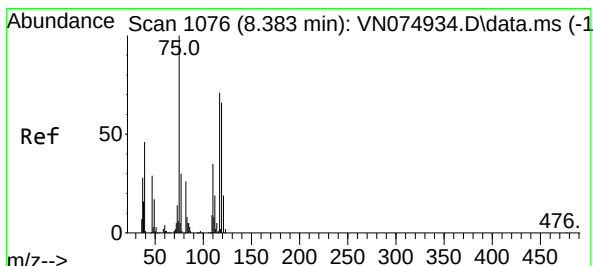
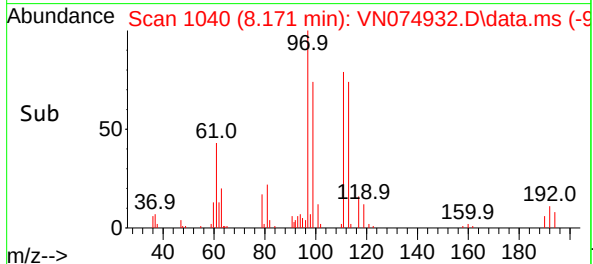
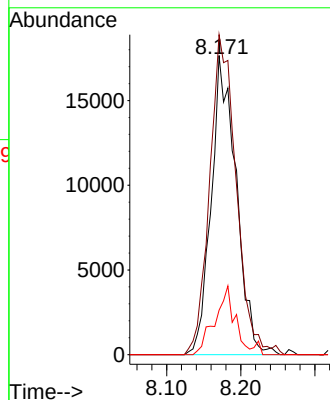
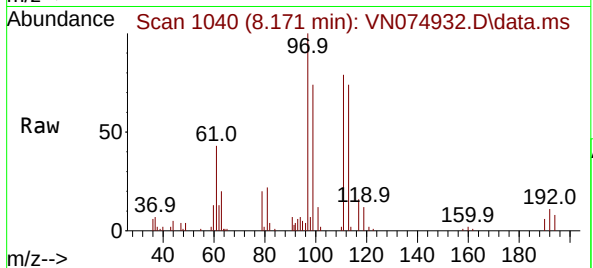
Ion	Ratio	Lower	Upper
113	100		
111	113.9	83.8	125.8
192	18.4	14.6	21.8

Manual Integrations

APPROVED

Reviewed By : John Carlone 10/20/2022

Supervised By : Mahesh Dadoda 10/20/2022



#36

1,1-Dichloropropene

Concen: 9.928 ug/l

RT: 8.377 min Scan# 1075

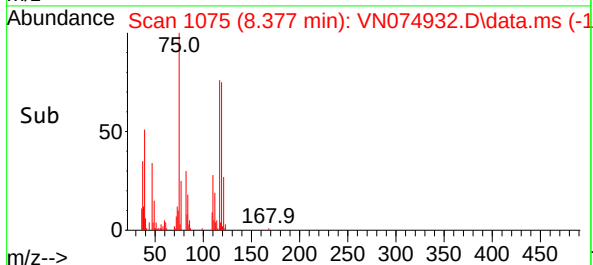
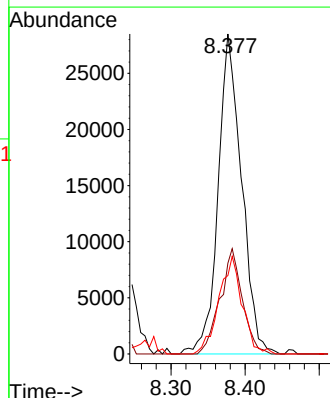
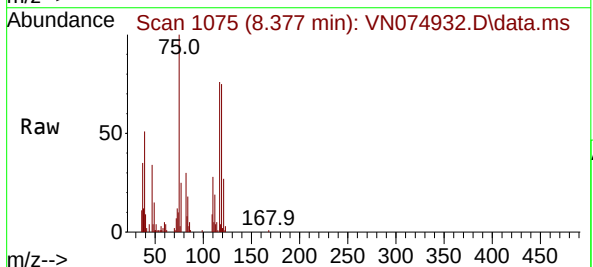
Delta R.T. -0.006 min

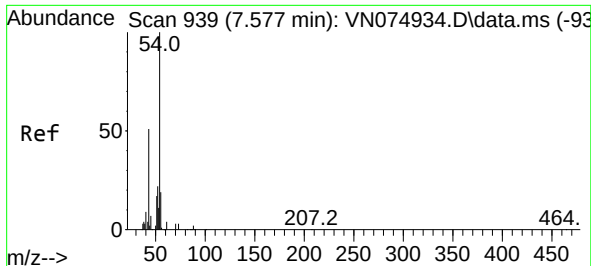
Lab File: VN074932.D

Acq: 19 Oct 2022 15:44

Tgt Ion: 75 Resp: 62668

Ion	Ratio	Lower	Upper
75	100		
110	31.3	18.1	54.1
77	30.6	25.1	37.7





#37

Ethyl Acetate

Concen: 9.447 ug/l

RT: 7.577 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN074932.D

Acq: 19 Oct 2022 15:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 43 Resp: 88150

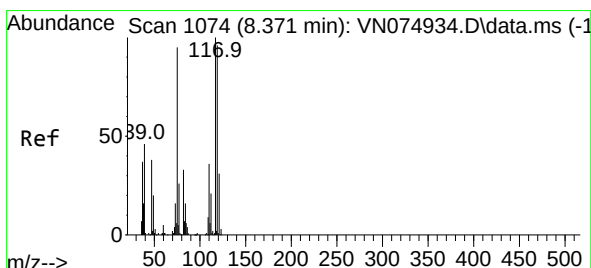
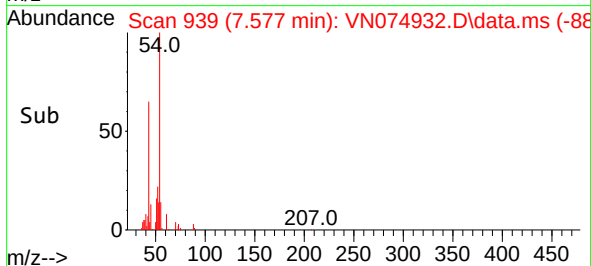
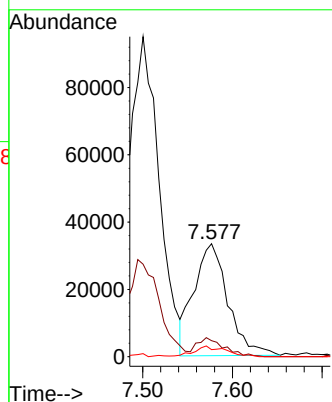
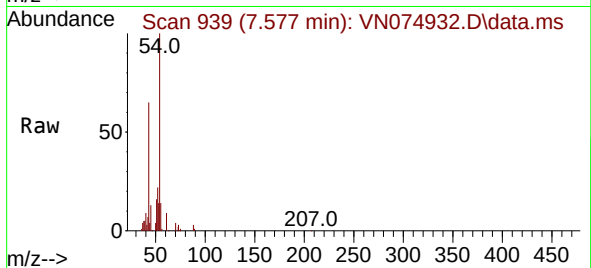
Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.3	15.5
70	8.7	5.9	8.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#38

Carbon Tetrachloride

Concen: 9.568 ug/l

RT: 8.371 min Scan# 1074

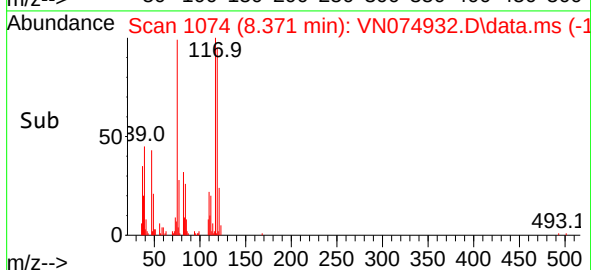
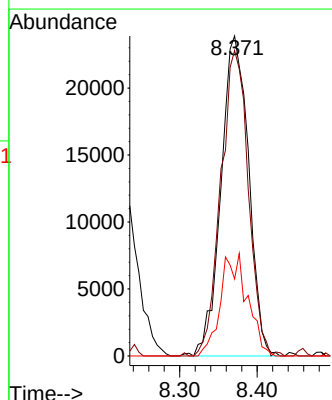
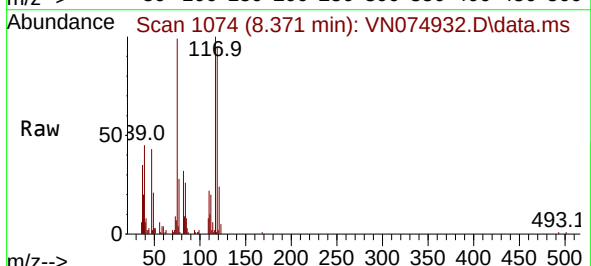
Delta R.T. 0.000 min

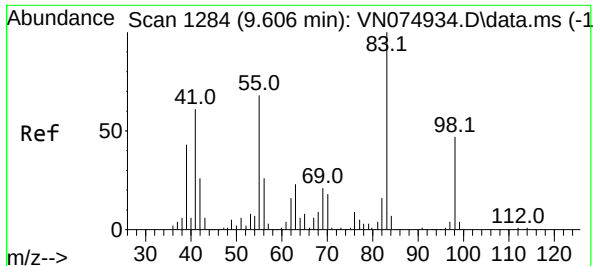
Lab File: VN074932.D

Acq: 19 Oct 2022 15:44

Tgt Ion:117 Resp: 59217

Ion	Ratio	Lower	Upper
117	100		
119	95.4	76.8	115.2
121	24.1	24.7	37.1





#39

Methylcyclohexane

Concen: 9.602 ug/l

RT: 9.606 min Scan# 1116

Delta R.T. 0.000 min

Lab File: VN074932.D

Acq: 19 Oct 2022 15:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

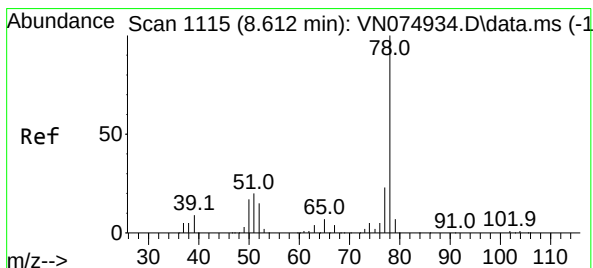
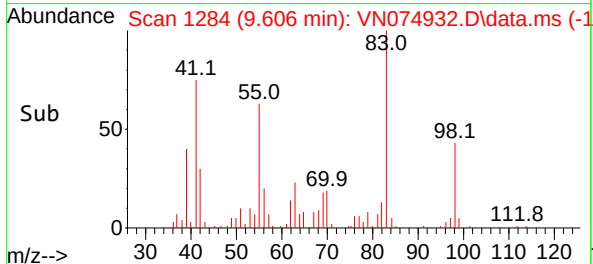
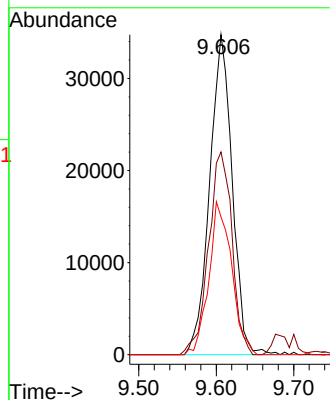
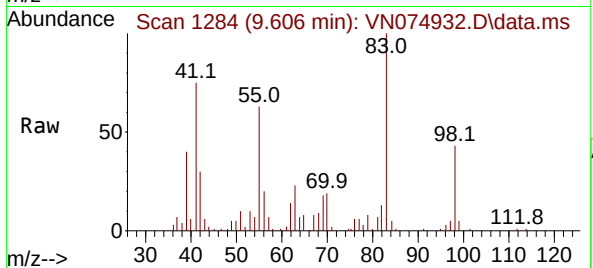
Tgt Ion:	83	Resp:	70428
Ion Ratio	Lower	Upper	
83	100		
55	63.3	54.6	82.0
98	43.1	37.6	56.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#40

Benzene

Concen: 9.741 ug/l

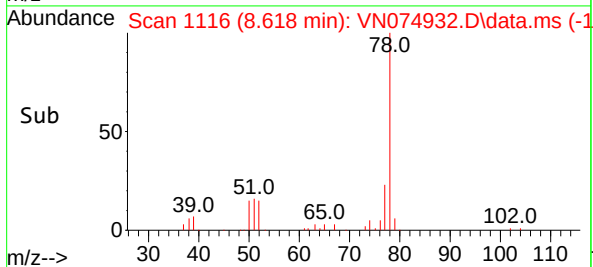
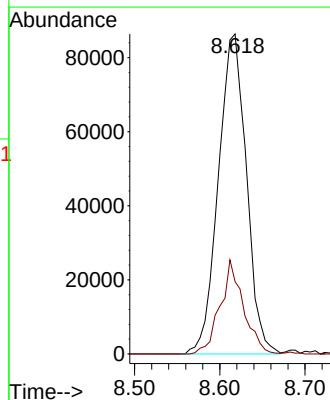
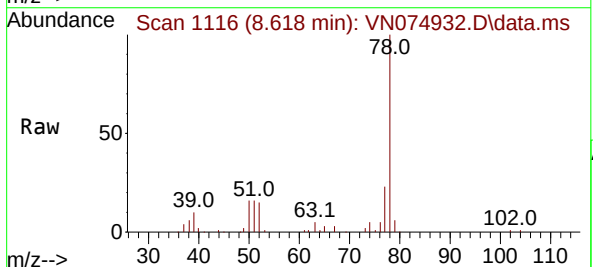
RT: 8.618 min Scan# 1116

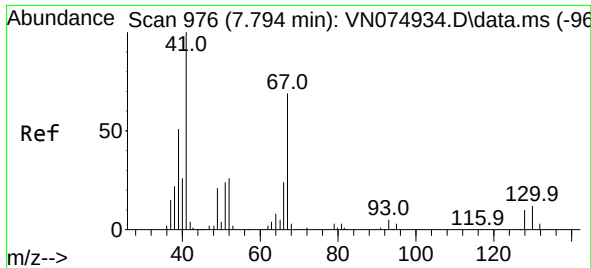
Delta R.T. 0.006 min

Lab File: VN074932.D

Acq: 19 Oct 2022 15:44

Tgt Ion:	78	Resp:	197822
Ion Ratio	Lower	Upper	
78	100		
77	22.6	18.6	28.0





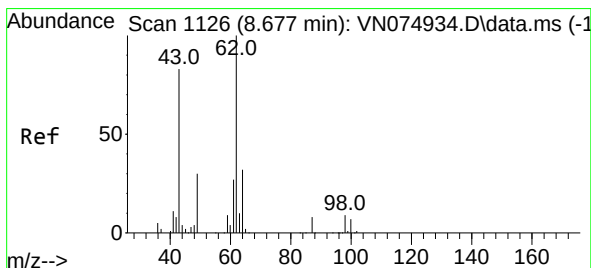
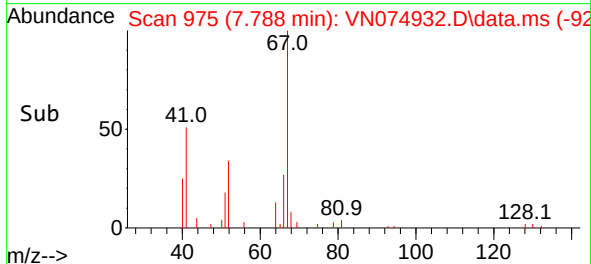
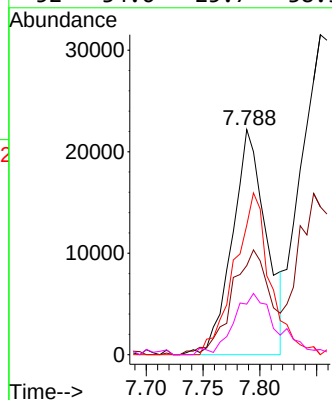
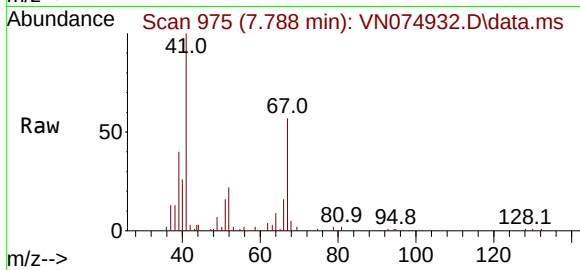
#41
Methacrylonitrile
Concen: 9.421 ug/l
RT: 7.788 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN074932.D
Acq: 19 Oct 2022 15:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 41 Resp: 4613
Ion Ratio Lower Upper
41 100
39 52.8 42.2 63.2
67 75.3 59.3 88.9
52 34.6 25.7 38.5

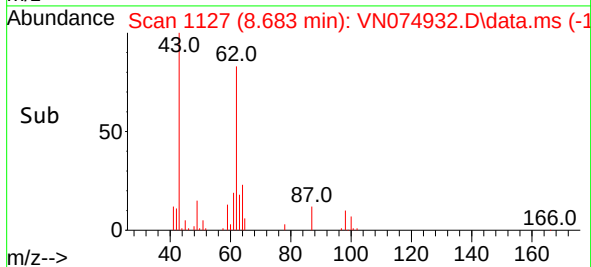
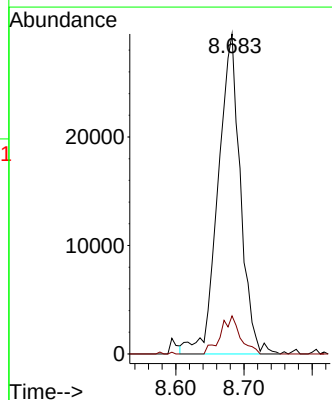
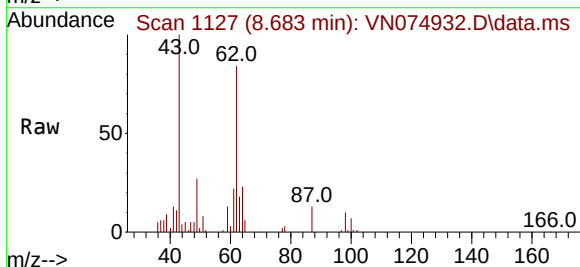
Manual Integrations
APPROVED

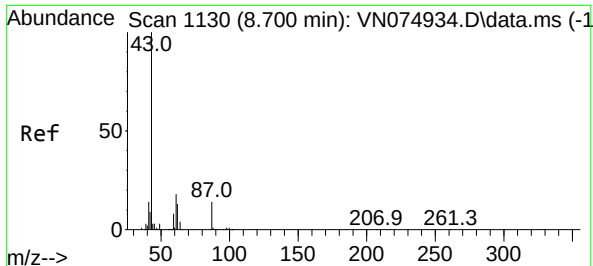
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#42
1,2-Dichloroethane
Concen: 9.675 ug/l
RT: 8.683 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN074932.D
Acq: 19 Oct 2022 15:44

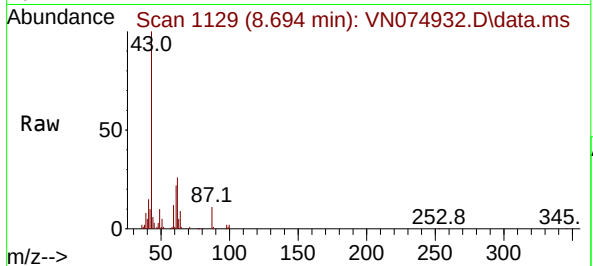
Tgt Ion: 62 Resp: 67136
Ion Ratio Lower Upper
62 100
98 10.5 0.0 20.4





#43
Isopropyl Acetate
Concen: 9.709 ug/l
RT: 8.694 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN074932.D
Acq: 19 Oct 2022 15:44

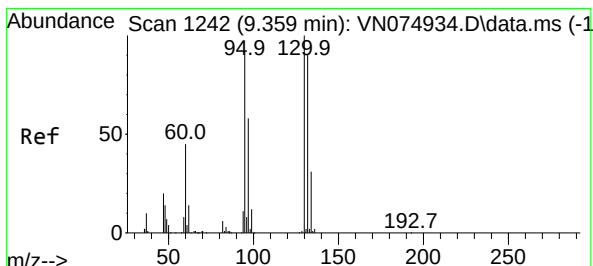
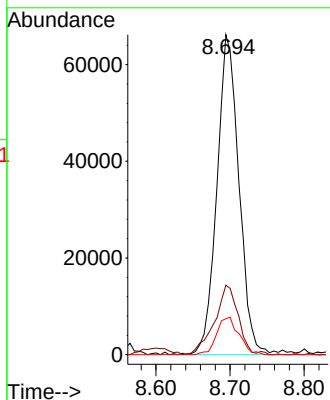
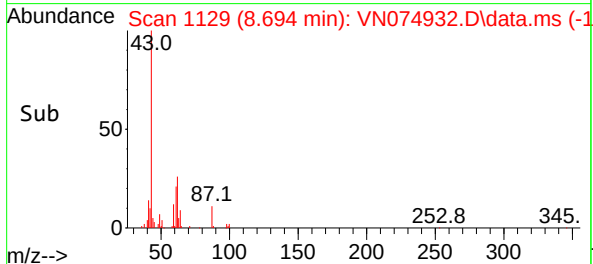
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 13684
Ion Ratio Lower Upper
43 100
61 23.1 18.7 28.1
87 11.8 10.0 15.0

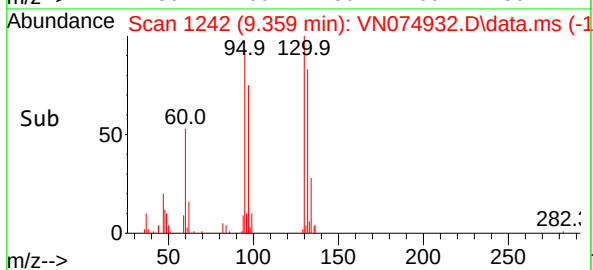
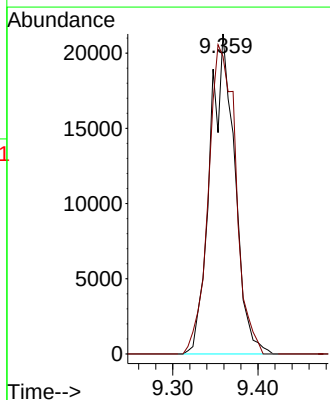
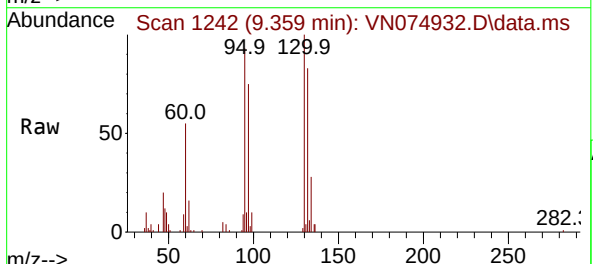
Manual Integrations
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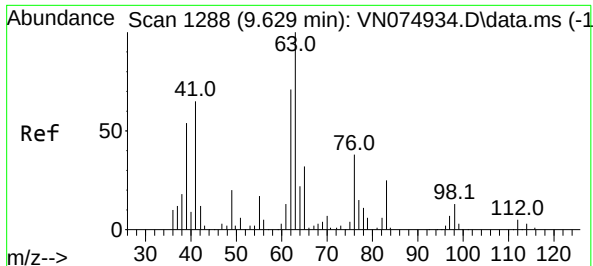
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#44
Trichloroethene
Concen: 9.160 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. 0.000 min
Lab File: VN074932.D
Acq: 19 Oct 2022 15:44

Tgt Ion:130 Resp: 43150
Ion Ratio Lower Upper
130 100
95 93.0 0.0 184.0





#45

1,2-Dichloropropane

Concen: 9.412 ug/l

RT: 9.630 min Scan# 1288

Delta R.T. 0.000 min

Lab File: VN074932.D

Acq: 19 Oct 2022 15:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 63 Resp: 52510

Ion Ratio Lower Upper

63 100

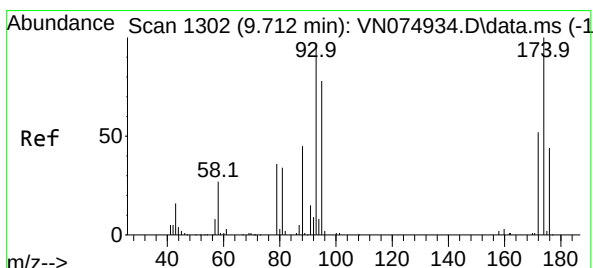
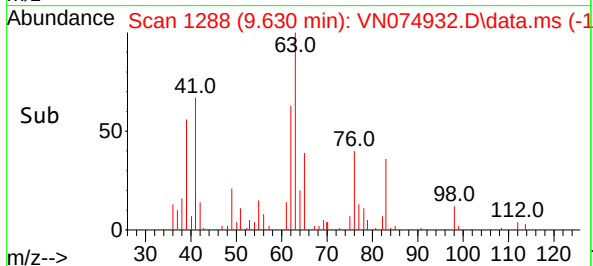
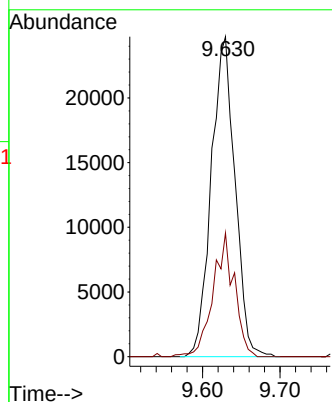
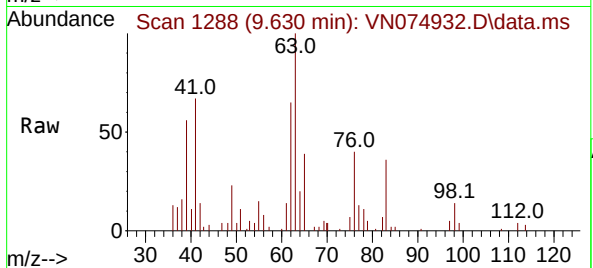
65 38.7 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#46

Dibromomethane

Concen: 9.433 ug/l

RT: 9.718 min Scan# 1303

Delta R.T. 0.006 min

Lab File: VN074932.D

Acq: 19 Oct 2022 15:44

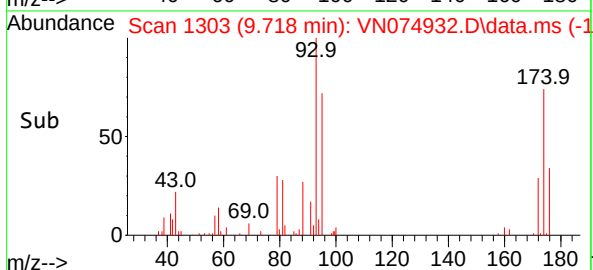
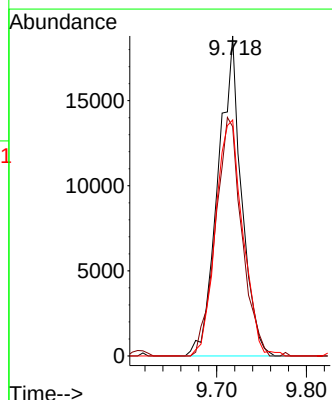
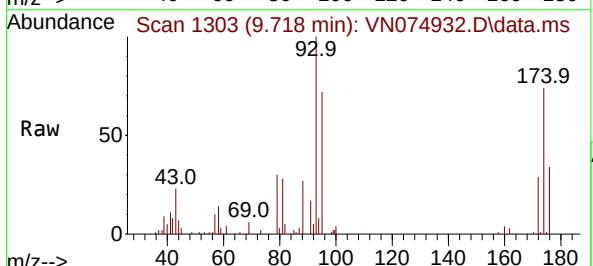
Tgt Ion: 93 Resp: 34255

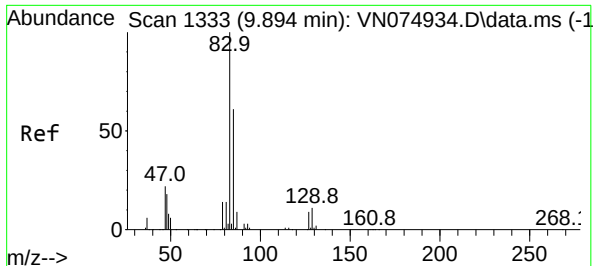
Ion Ratio Lower Upper

93 100

95 83.0 68.6 102.8

174 85.5 76.1 114.1





#47

Bromodichloromethane

Concen: 10.294 ug/l

RT: 9.894 min Scan# 1333

Delta R.T. 0.000 min

Lab File: VN074932.D

Acq: 19 Oct 2022 15:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

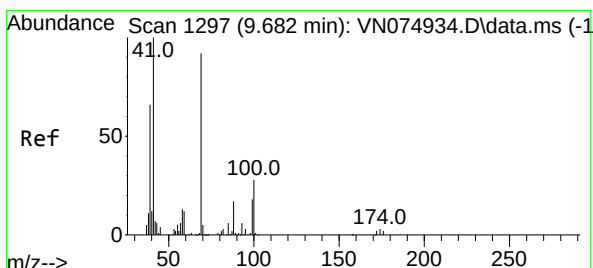
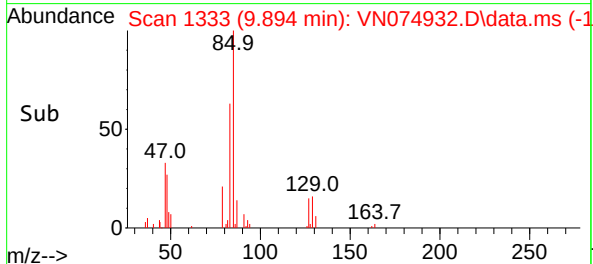
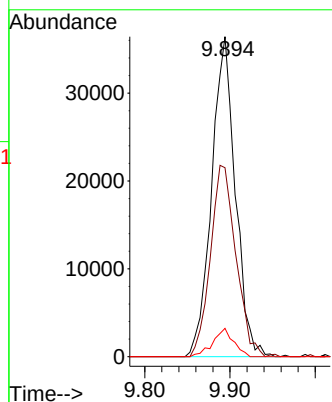
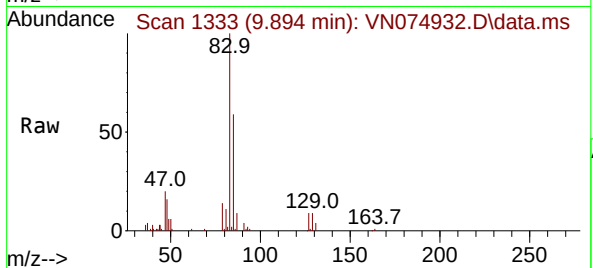
Tgt Ion:	83	Resp:	70478
Ion Ratio	Lower	Upper	
83	100		
85	59.0	49.0	73.6
127	8.9	6.9	10.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#48

Methyl methacrylate

Concen: 9.441 ug/l

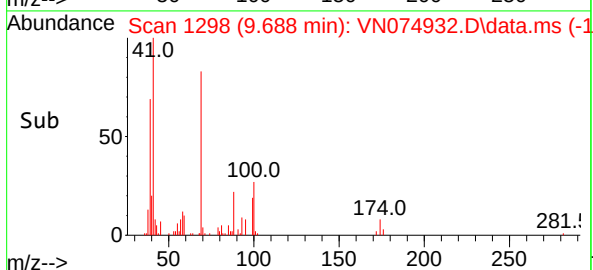
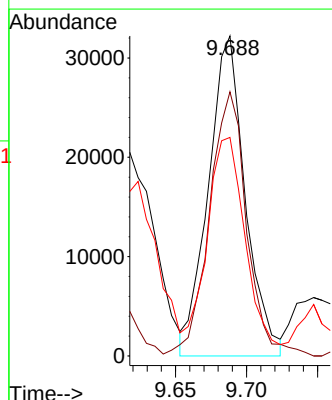
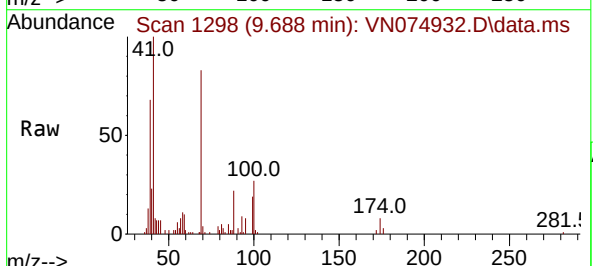
RT: 9.688 min Scan# 1298

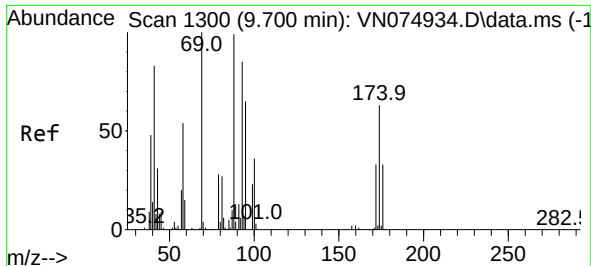
Delta R.T. 0.006 min

Lab File: VN074932.D

Acq: 19 Oct 2022 15:44

Tgt Ion:	41	Resp:	58182
Ion Ratio	Lower	Upper	
41	100		
69	83.6	67.9	101.9
39	72.0	53.6	80.4





#49

1,4-Dioxane

Concen: 182.236 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN074932.D

Acq: 19 Oct 2022 15:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

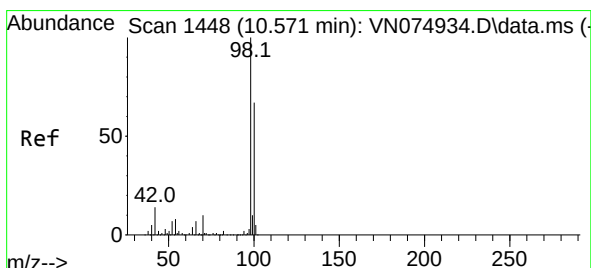
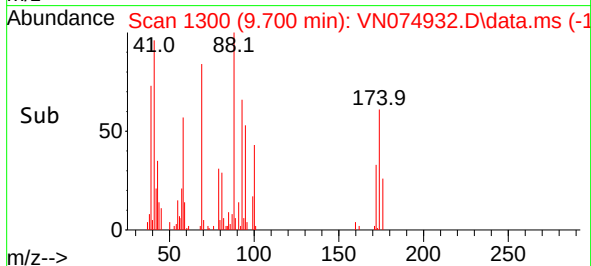
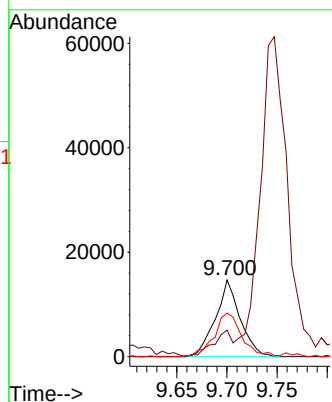
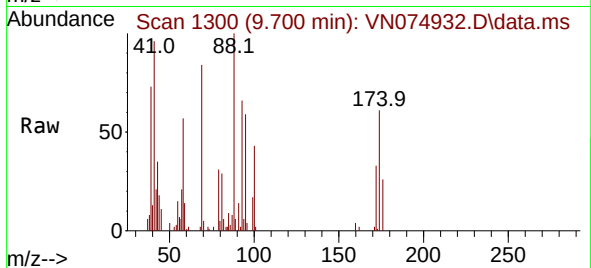
Tgt Ion:	88	Resp:	2502
Ion Ratio	Lower	Upper	
88	100		
43	26.5	23.3	34.9
58	64.3	50.1	75.1

Manual Integrations

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Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#50

Toluene-d8

Concen: 9.010 ug/l

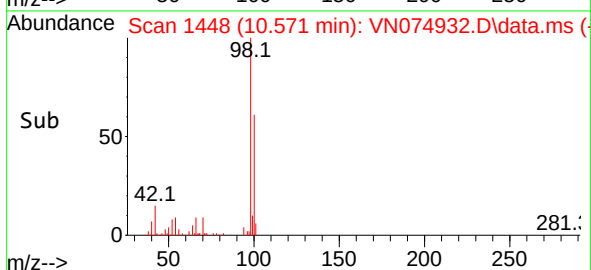
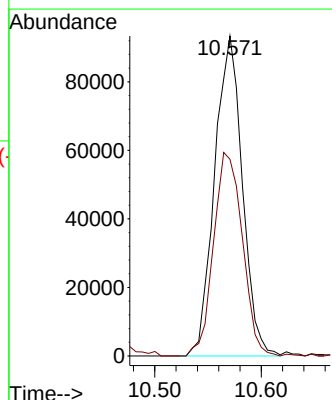
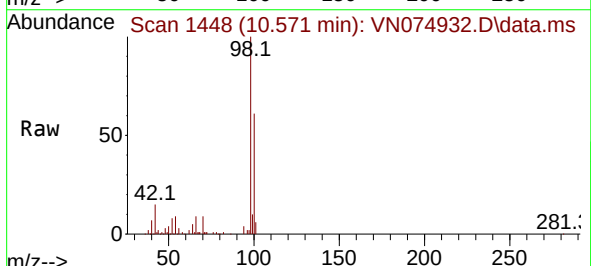
RT: 10.571 min Scan# 1448

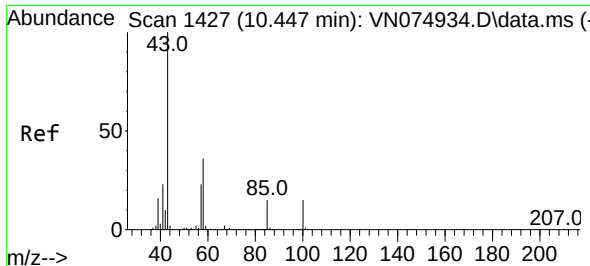
Delta R.T. 0.000 min

Lab File: VN074932.D

Acq: 19 Oct 2022 15:44

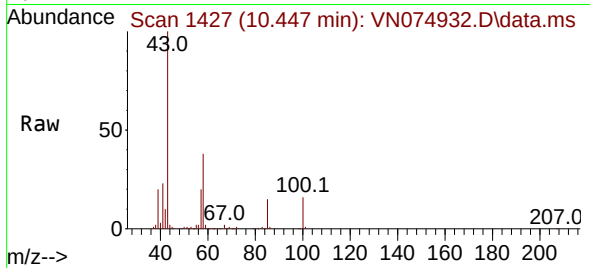
Tgt Ion:	98	Resp:	169023
Ion Ratio	Lower	Upper	
98	100		
100	65.9	52.1	78.1





#51
4-Methyl-2-Pentanone
Concen: 48.382 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN074932.D
Acq: 19 Oct 2022 15:44

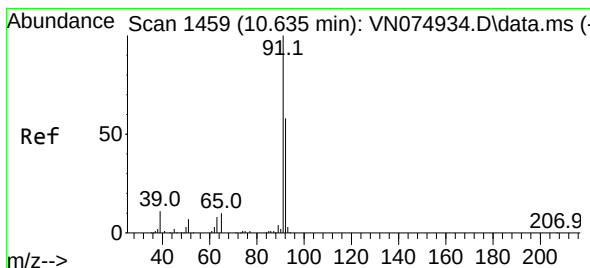
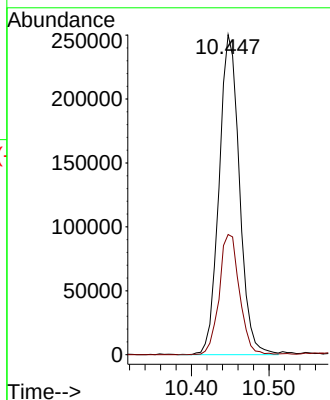
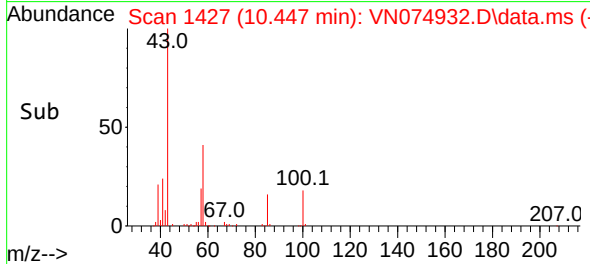
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



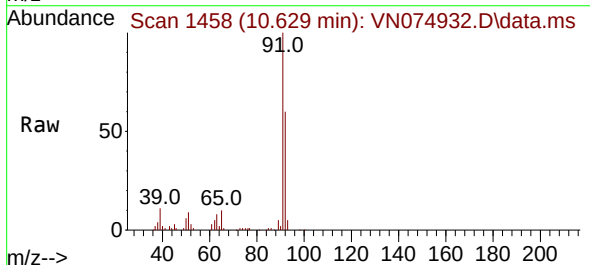
Tgt Ion: 43 Resp: 457475
Ion Ratio Lower Upper
43 100
58 37.4 29.6 44.4

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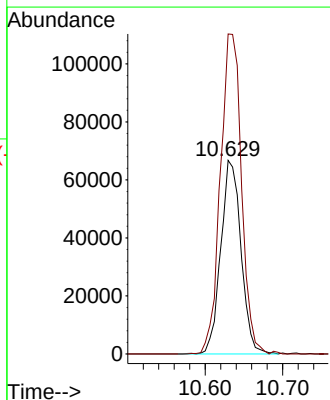
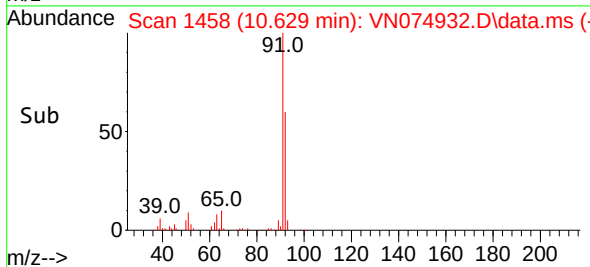
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

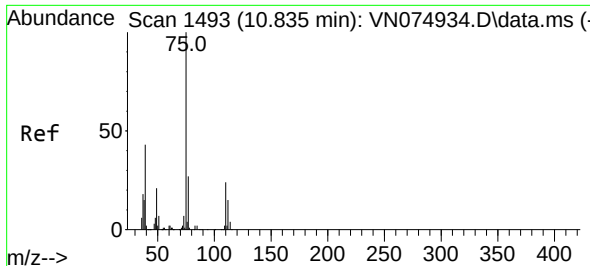


#52
Toluene
Concen: 9.529 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN074932.D
Acq: 19 Oct 2022 15:44



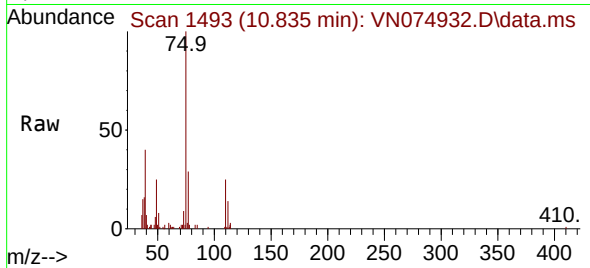
Tgt Ion: 92 Resp: 121139
Ion Ratio Lower Upper
92 100
91 172.3 140.9 211.3





#53
t-1,3-Dichloropropene
Concen: 9.514 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VN074932.D
Acq: 19 Oct 2022 15:44

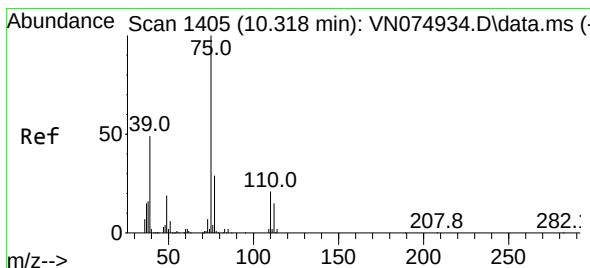
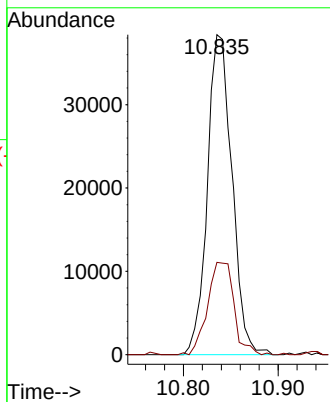
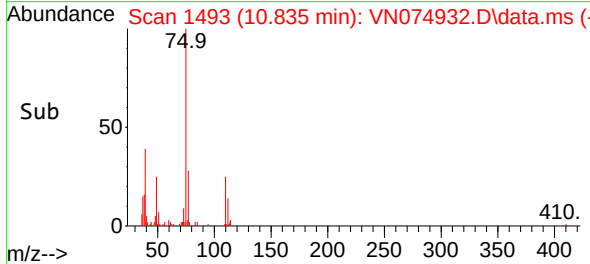
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 75 Resp: 6941
Ion Ratio Lower Upper
75 100
77 28.8 21.4 32.2

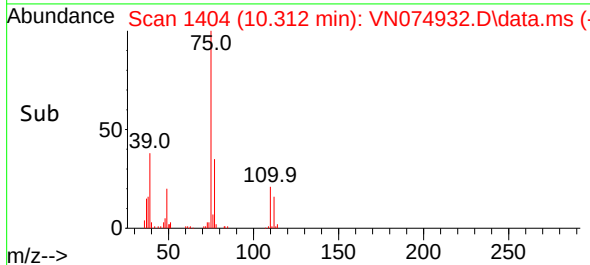
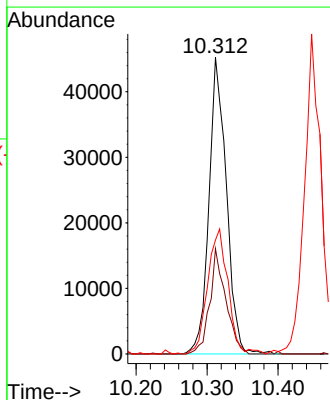
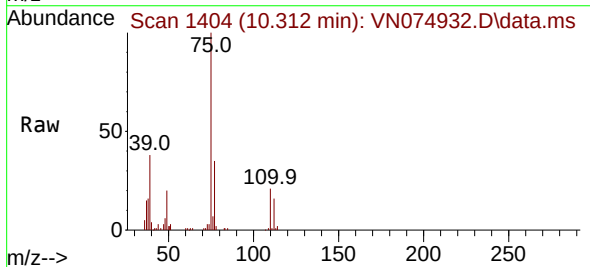
Manual Integrations
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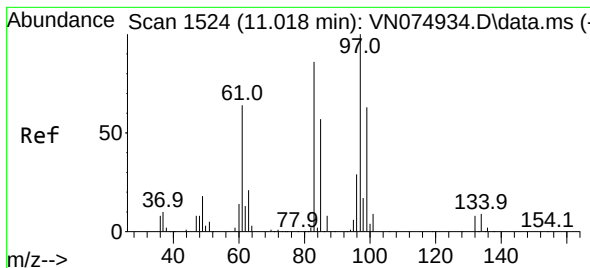
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#54
cis-1,3-Dichloropropene
Concen: 9.598 ug/l
RT: 10.312 min Scan# 1404
Delta R.T. -0.006 min
Lab File: VN074932.D
Acq: 19 Oct 2022 15:44

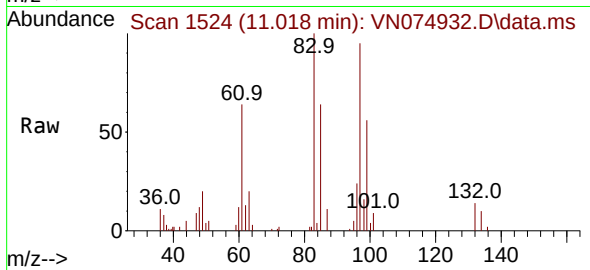
Tgt Ion: 75 Resp: 77265
Ion Ratio Lower Upper
75 100
77 35.5 23.0 34.6#
39 38.1 38.9 58.3#





#55
1,1,2-Trichloroethane
Concen: 9.491 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VN074932.D
Acq: 19 Oct 2022 15:44

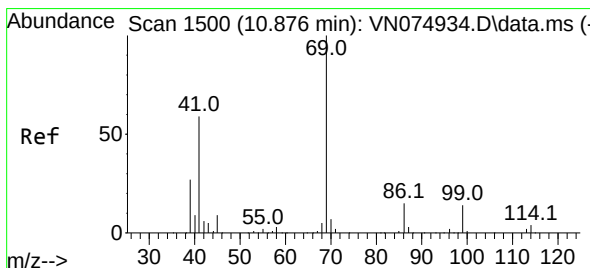
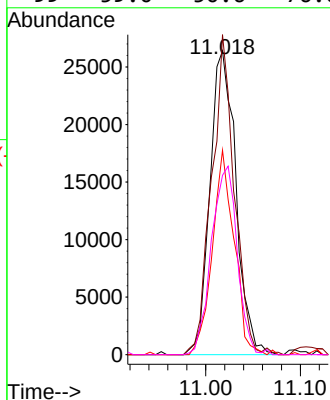
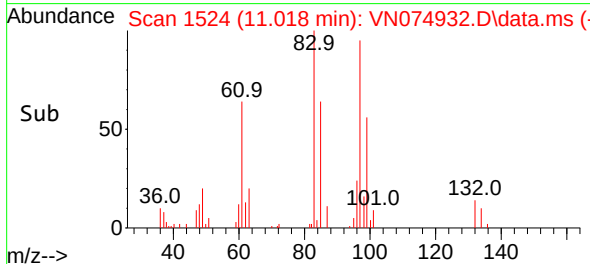
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



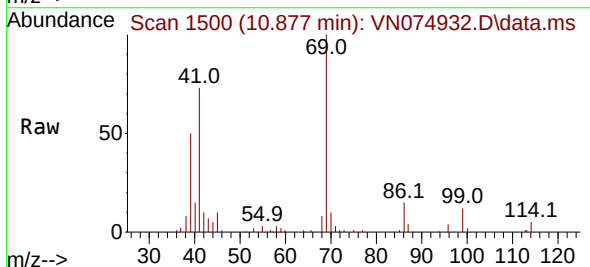
Tgt Ion: 97 Resp: 50078
Ion Ratio Lower Upper
97 100
83 105.3 68.8 103.2
85 67.3 45.7 68.5
99 59.0 50.6 76.0

Manual Integrations
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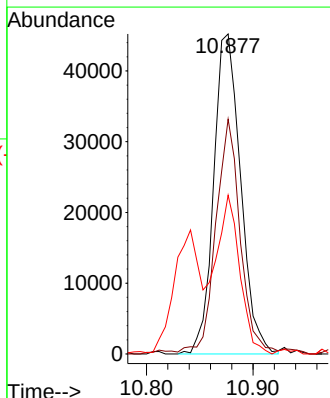
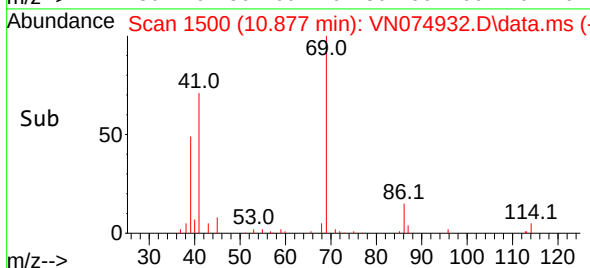
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

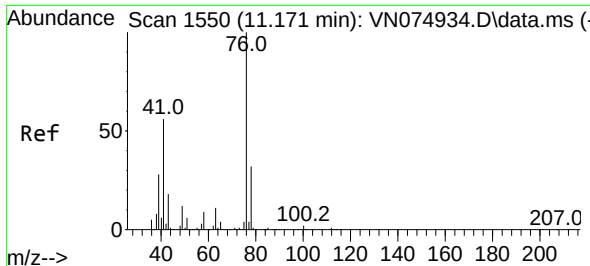


#56
Ethyl methacrylate
Concen: 9.736 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN074932.D
Acq: 19 Oct 2022 15:44



Tgt Ion: 69 Resp: 79394
Ion Ratio Lower Upper
69 100
41 64.5 53.5 80.3
39 45.0 34.6 52.0





#57

1,3-Dichloropropane

Concen: 9.479 ug/l

RT: 11.165 min Scan# 1550

Delta R.T. -0.006 min

Lab File: VN074932.D

Acq: 19 Oct 2022 15:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 76 Resp: 87410

Ion Ratio Lower Upper

76 100

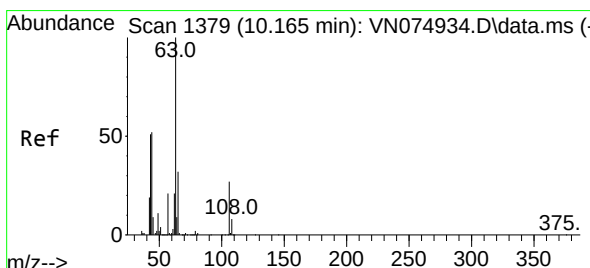
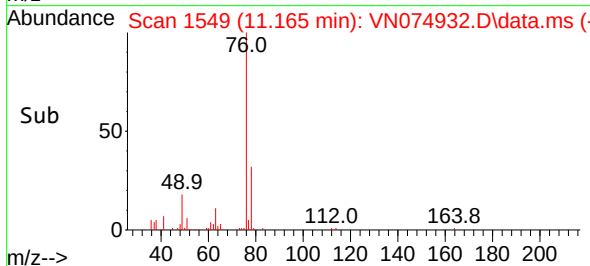
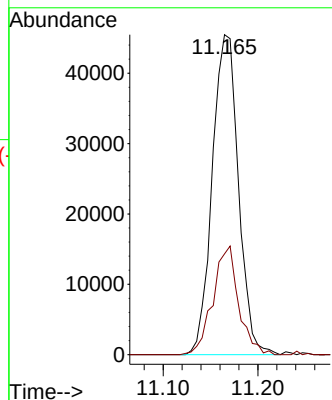
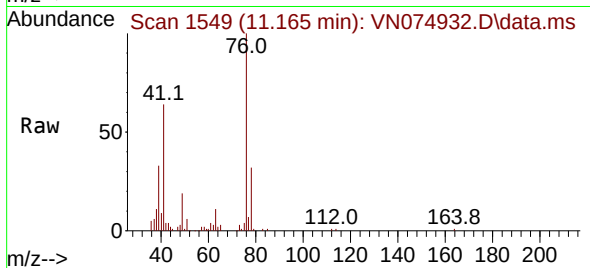
78 33.3 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#58

2-Chloroethyl Vinyl ether

Concen: 45.021 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. 0.000 min

Lab File: VN074932.D

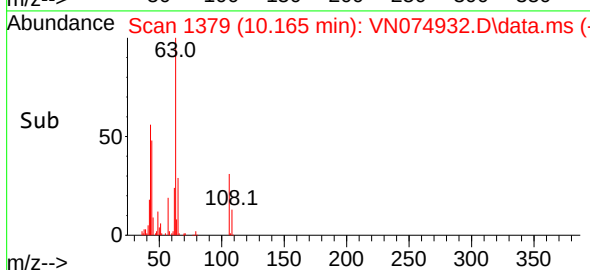
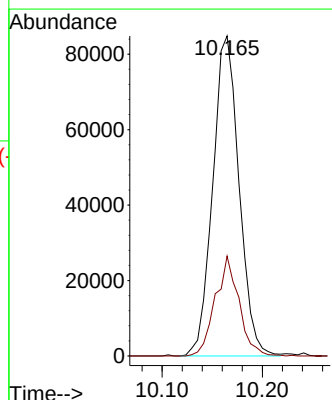
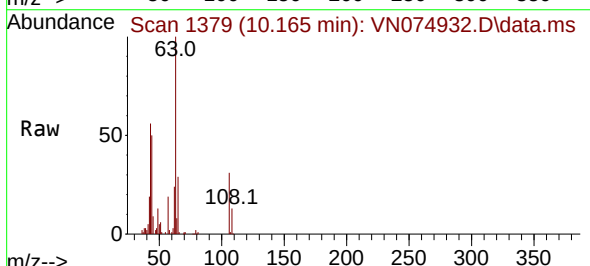
Acq: 19 Oct 2022 15:44

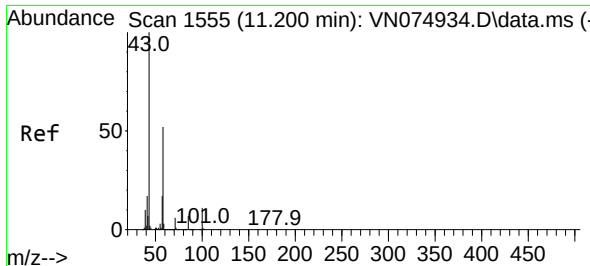
Tgt Ion: 63 Resp: 154706

Ion Ratio Lower Upper

63 100

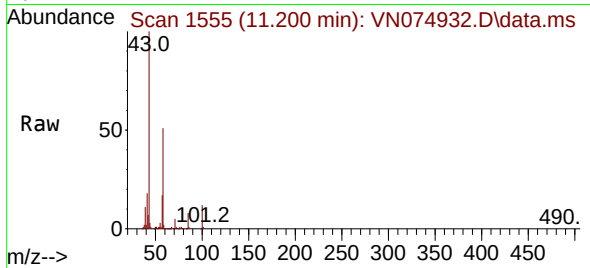
106 28.1 21.5 32.3





#59
2-Hexanone
Concen: 47.581 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN074932.D
Acq: 19 Oct 2022 15:44

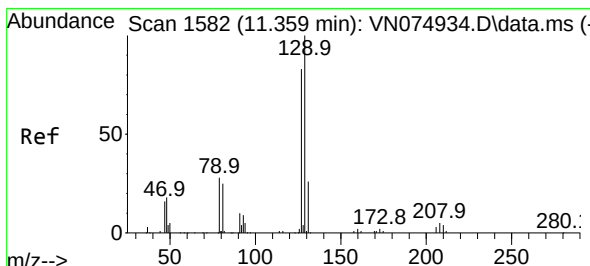
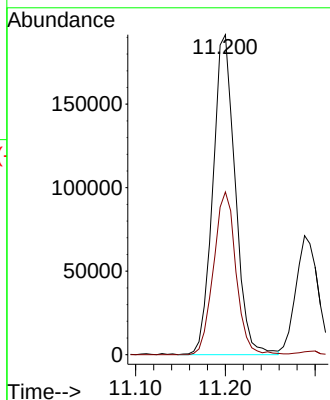
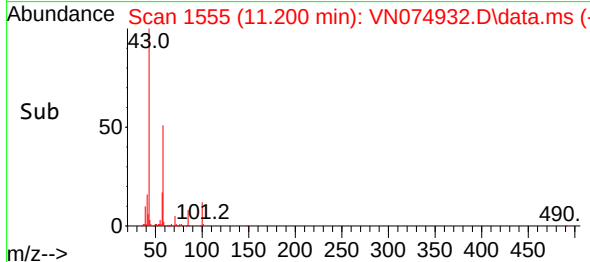
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



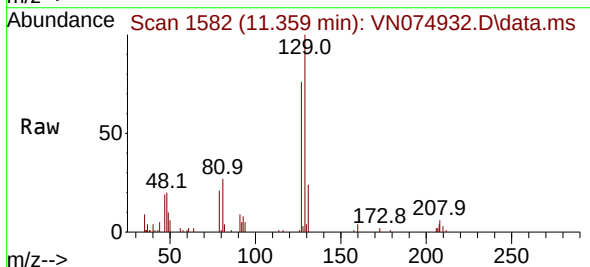
Tgt Ion: 43 Resp: 331015
Ion Ratio Lower Upper
43 100
58 51.0 26.3 78.8

Manual Integrations
APPROVED

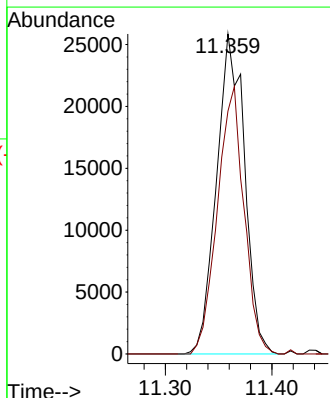
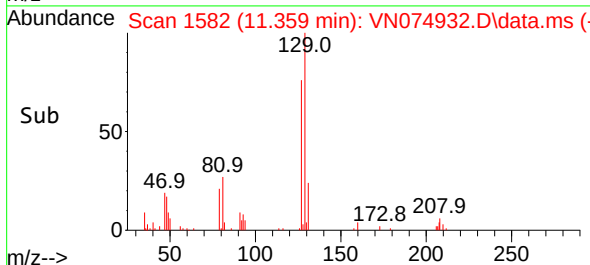
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

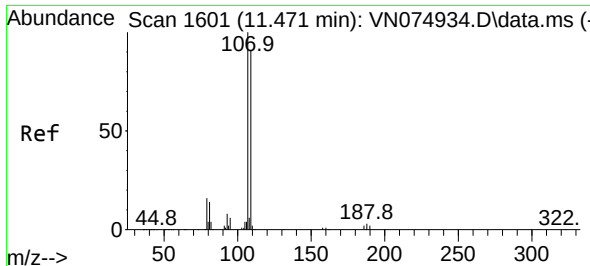


#60
Dibromochloromethane
Concen: 9.146 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VN074932.D
Acq: 19 Oct 2022 15:44



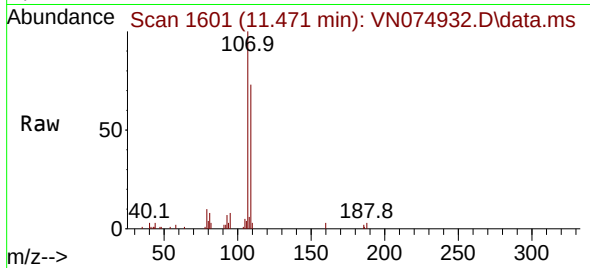
Tgt Ion:129 Resp: 47240
Ion Ratio Lower Upper
129 100
127 79.3 40.6 122.0





#61
1,2-Dibromoethane
Concen: 9.340 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN074932.D
Acq: 19 Oct 2022 15:44

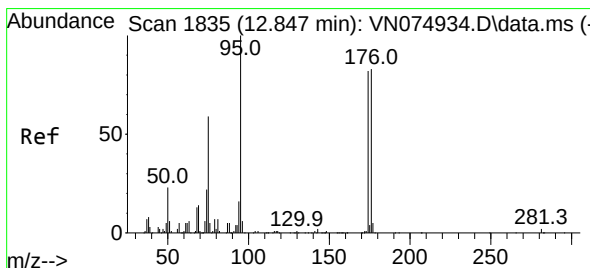
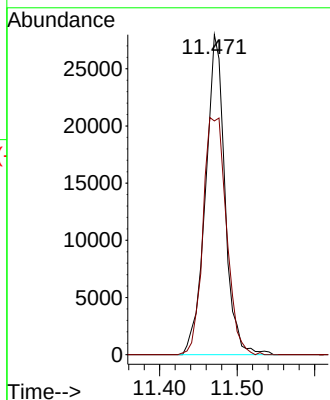
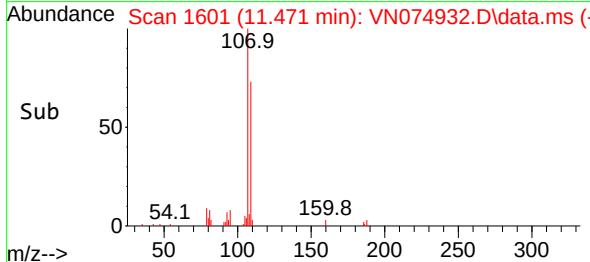
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



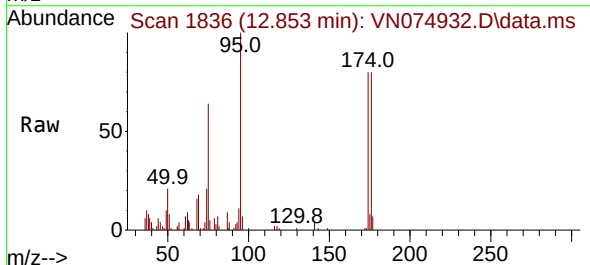
Tgt Ion:107 Resp: 4868
Ion Ratio Lower Upper
107 100
109 89.4 74.6 111.8

Manual Integrations
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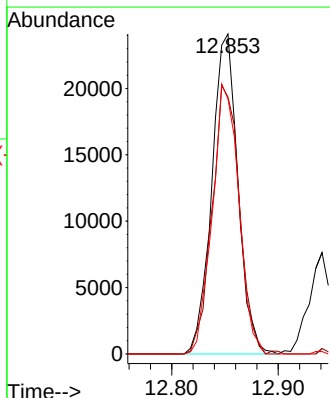
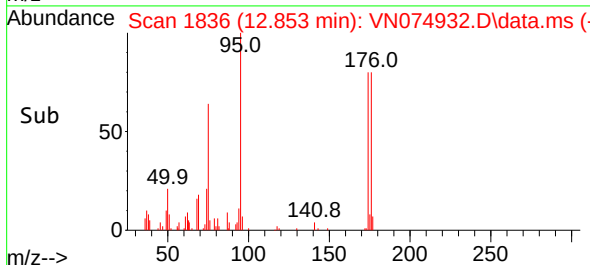
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

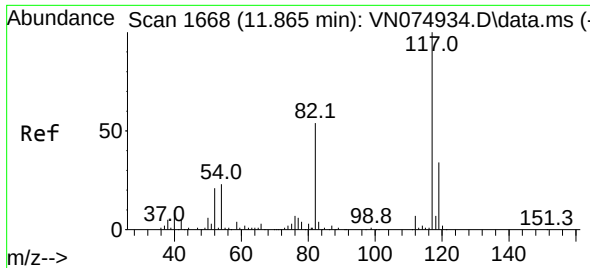


#62
4-Bromofluorobenzene
Concen: 8.004 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN074932.D
Acq: 19 Oct 2022 15:44



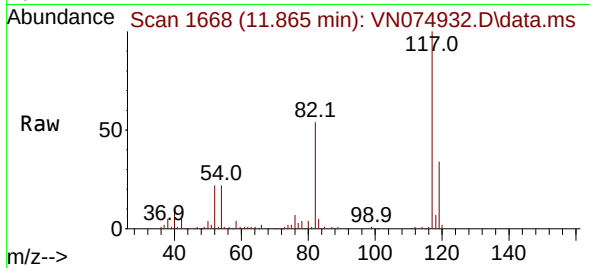
Tgt Ion: 95 Resp: 41015
Ion Ratio Lower Upper
95 100
174 87.6 0.0 182.8
176 85.5 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN074932.D
Acq: 19 Oct 2022 15:44

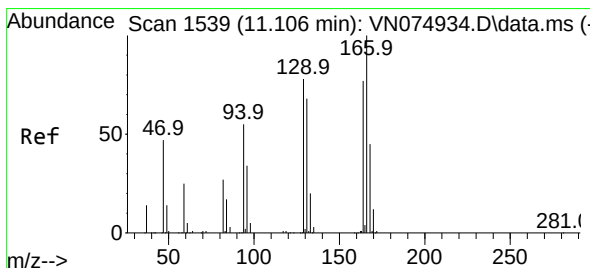
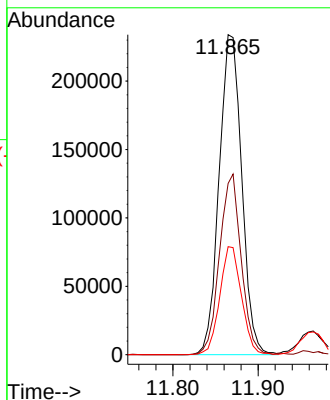
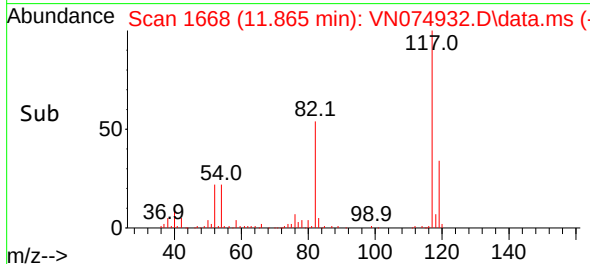
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



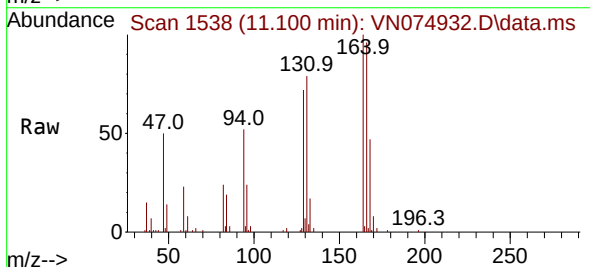
Tgt Ion:117 Resp: 43097
Ion Ratio Lower Upper
117 100
82 53.5 43.0 64.6
119 33.8 27.0 40.6

Manual Integrations
APPROVED

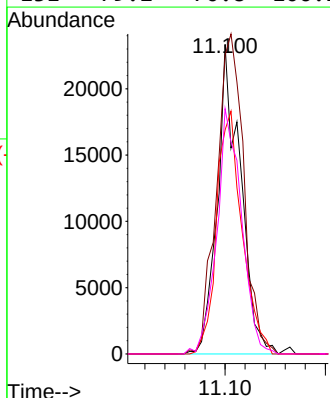
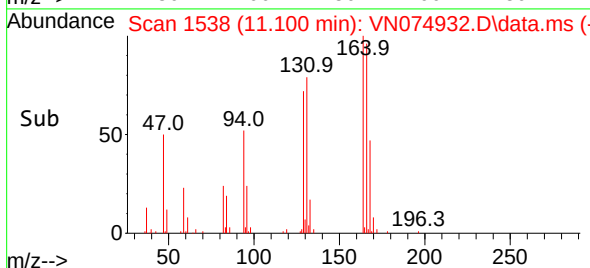
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

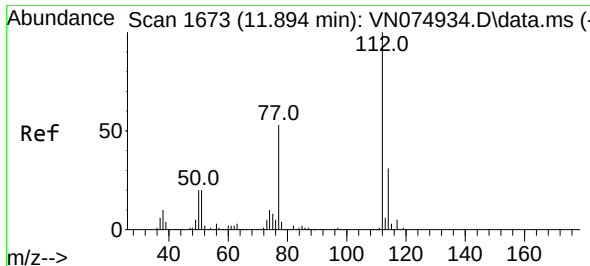


#64
Tetrachloroethene
Concen: 10.345 ug/l
RT: 11.100 min Scan# 1538
Delta R.T. -0.006 min
Lab File: VN074932.D
Acq: 19 Oct 2022 15:44



Tgt Ion:164 Resp: 37180
Ion Ratio Lower Upper
164 100
166 96.5 103.4 155.0#
129 72.3 80.3 120.5#
131 79.2 70.8 106.2





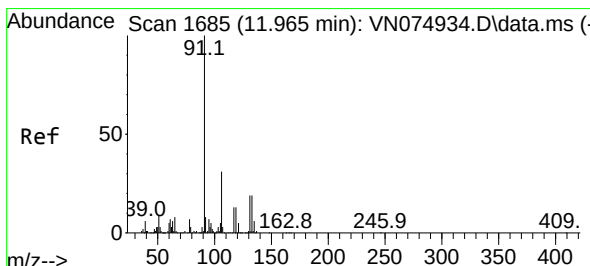
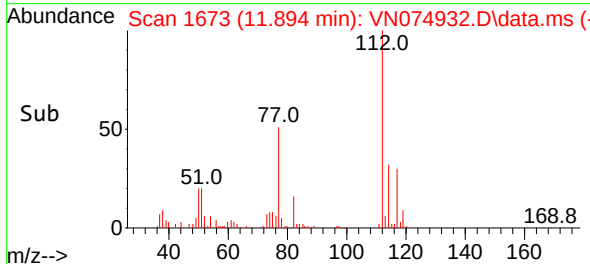
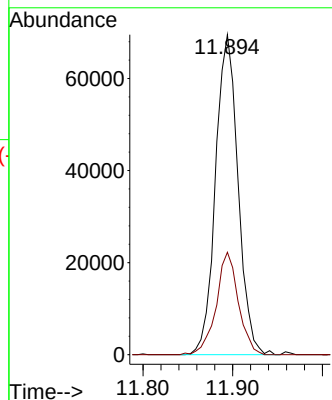
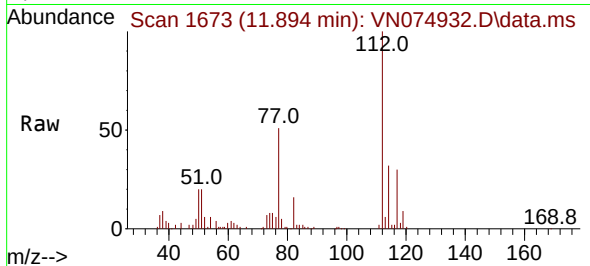
#65
Chlorobenzene
Concen: 9.693 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN074932.D
Acq: 19 Oct 2022 15:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:112 Resp: 121024
Ion Ratio Lower Upper
112 100
114 32.0 24.6 37.0

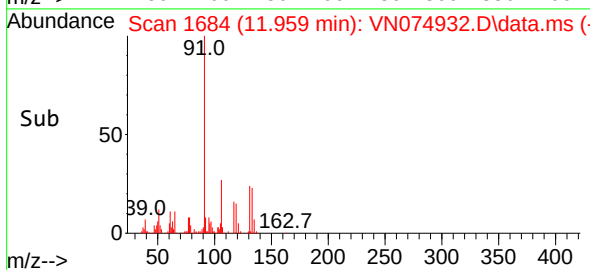
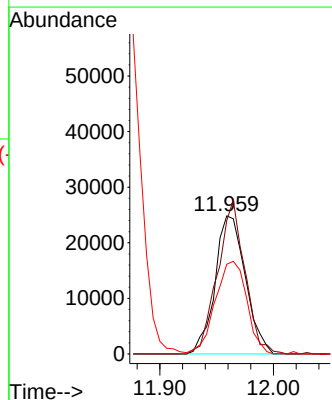
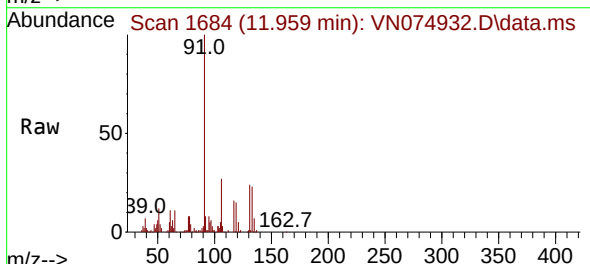
Manual Integrations
APPROVED

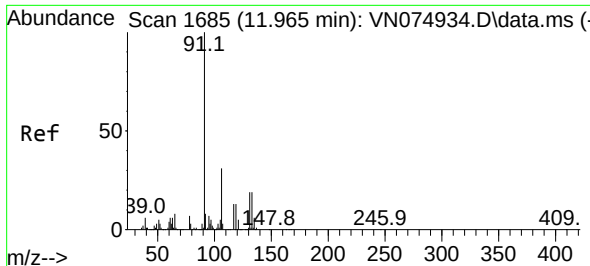
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 9.791 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN074932.D
Acq: 19 Oct 2022 15:44

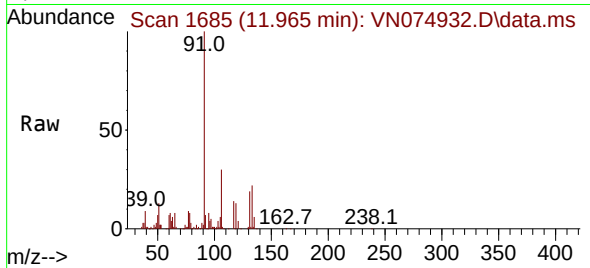
Tgt Ion:131 Resp: 46223
Ion Ratio Lower Upper
131 100
133 100.1 48.9 146.6
119 69.6 35.3 105.7





#67
Ethyl Benzene
Concen: 9.939 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN074932.D
Acq: 19 Oct 2022 15:44

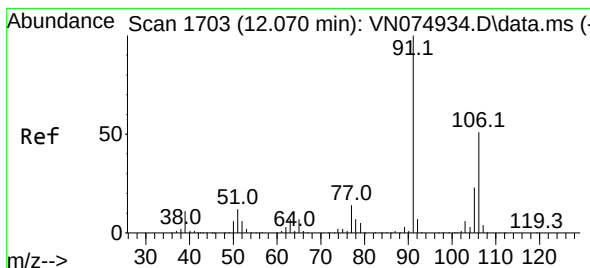
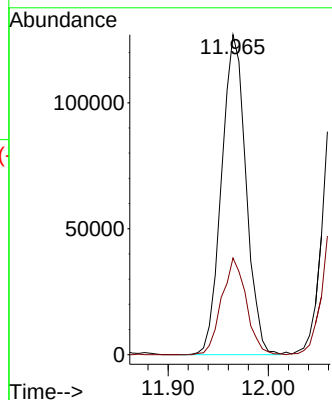
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 91 Resp: 21433
Ion Ratio Lower Upper
91 100
106 30.2 25.0 37.6

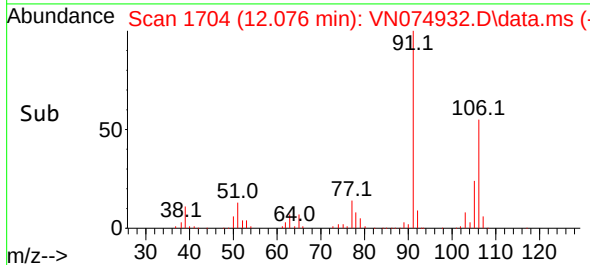
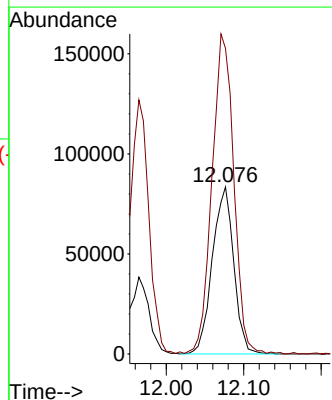
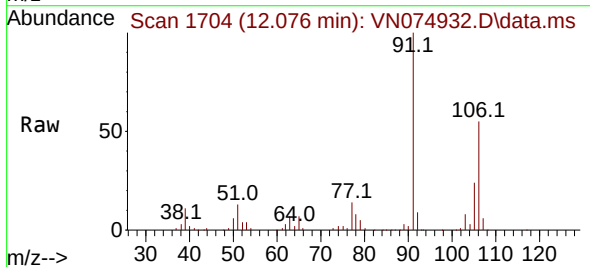
Manual Integrations
APPROVED

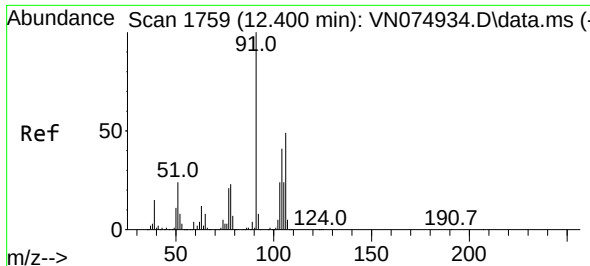
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#68
m/p-Xylenes
Concen: 19.285 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VN074932.D
Acq: 19 Oct 2022 15:44

Tgt Ion:106 Resp: 160224
Ion Ratio Lower Upper
106 100
91 195.0 157.4 236.2





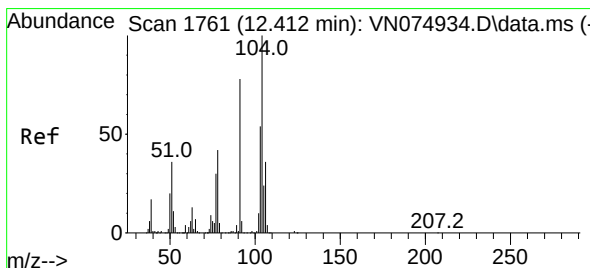
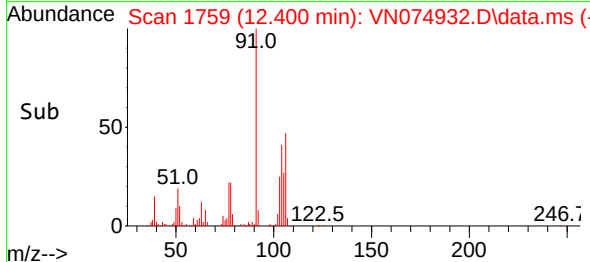
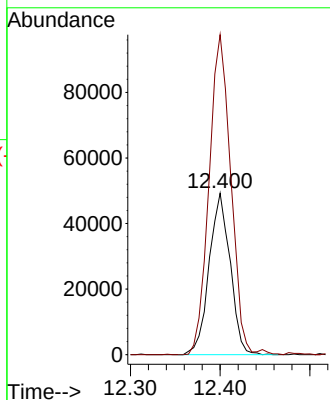
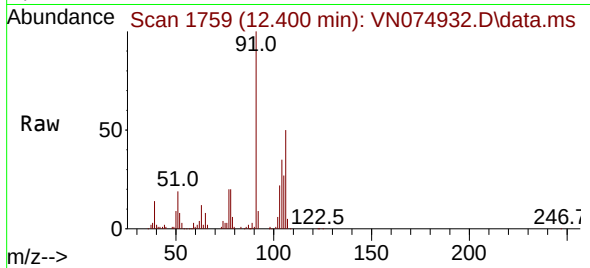
#69
o-Xylene
Concen: 9.379 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN074932.D
Acq: 19 Oct 2022 15:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:106 Resp: 8007
Ion Ratio Lower Upper
106 100
91 204.7 101.1 303.1

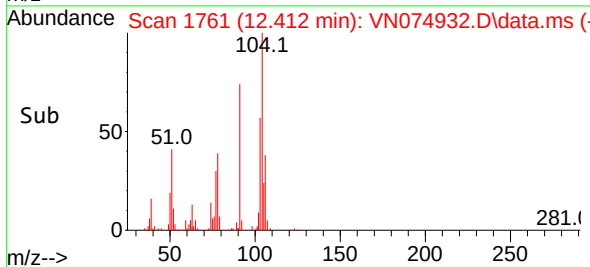
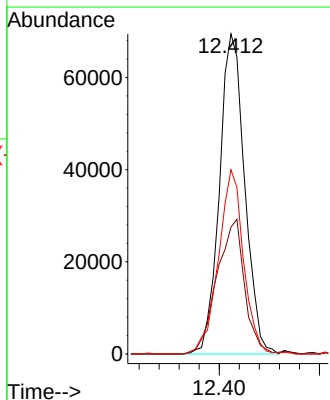
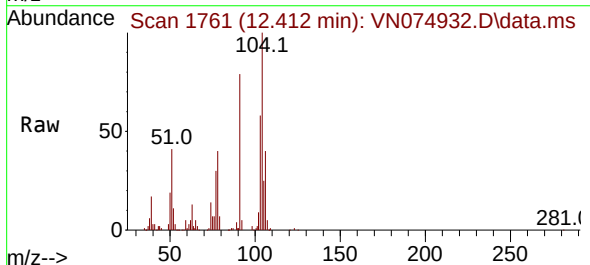
Manual Integrations
APPROVED

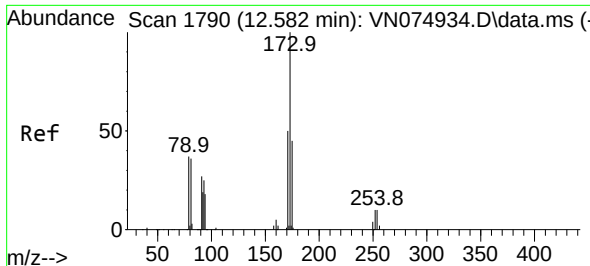
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#70
Styrene
Concen: 9.450 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN074932.D
Acq: 19 Oct 2022 15:44

Tgt Ion:104 Resp: 121237
Ion Ratio Lower Upper
104 100
78 46.1 37.4 56.2
103 57.3 44.6 66.8





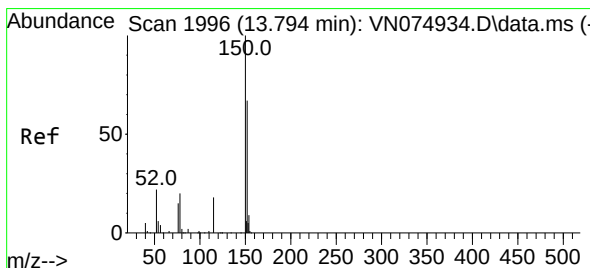
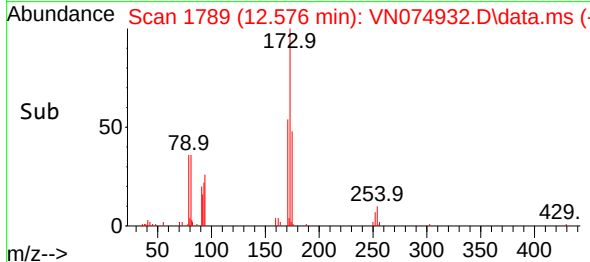
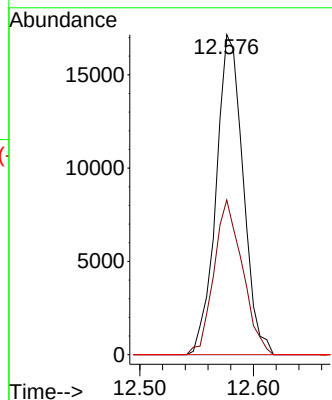
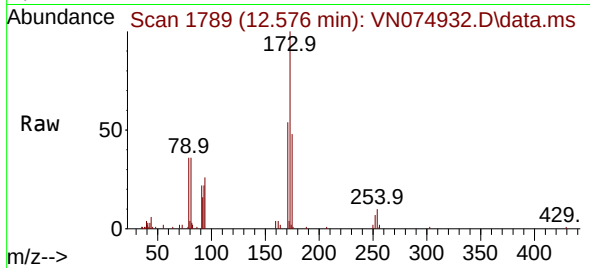
#71
Bromoform
Concen: 8.775 ug/l
RT: 12.576 min Scan# 1789
Delta R.T. -0.006 min
Lab File: VN074932.D
Acq: 19 Oct 2022 15:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:173 Resp: 2836
Ion Ratio Lower Upper
173 100
175 51.0 23.4 70.2
254 0.0 0.0 0.0

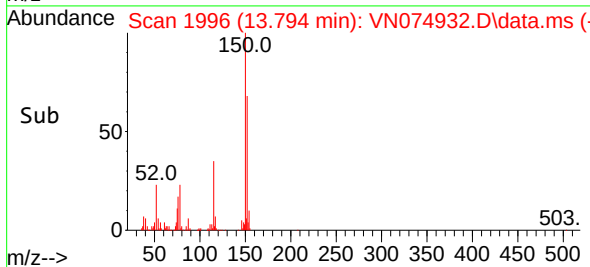
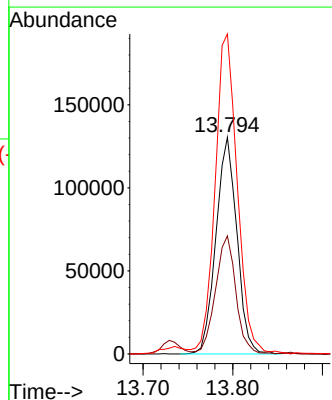
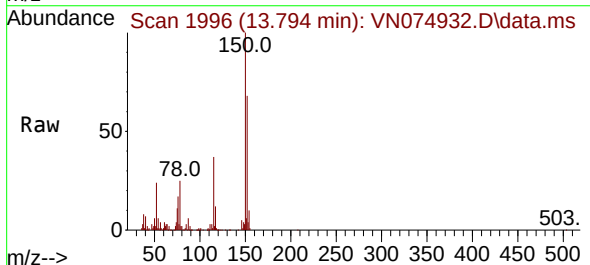
Manual Integrations
APPROVED

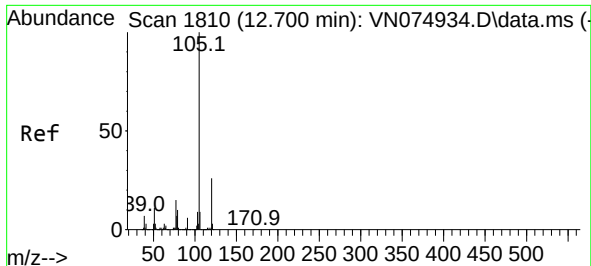
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN074932.D
Acq: 19 Oct 2022 15:44

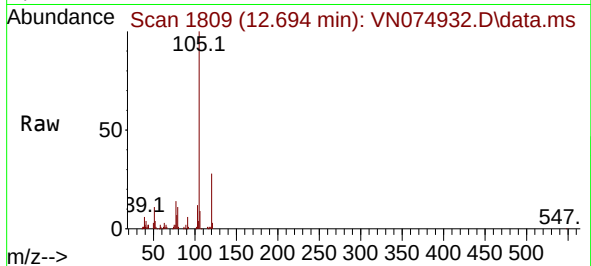
Tgt Ion:152 Resp: 211735
Ion Ratio Lower Upper
152 100
115 52.8 28.2 84.6
150 156.1 0.0 352.0





#73
Isopropylbenzene
Concen: 10.115 ug/l
RT: 12.694 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VN074932.D
Acq: 19 Oct 2022 15:44

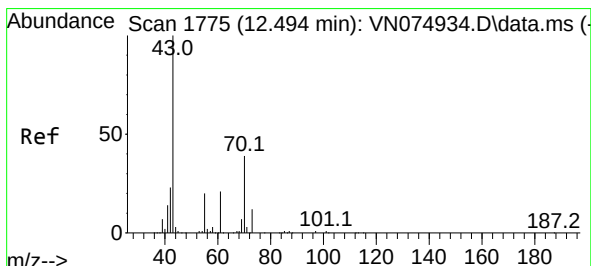
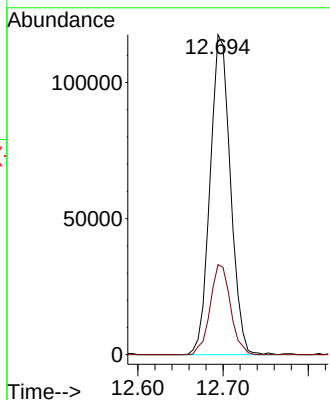
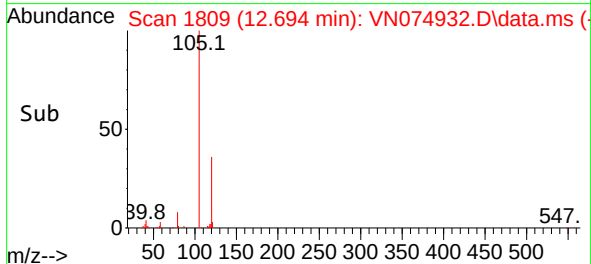
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion:105 Resp: 195279
Ion Ratio Lower Upper
105 100
120 28.2 13.3 39.9

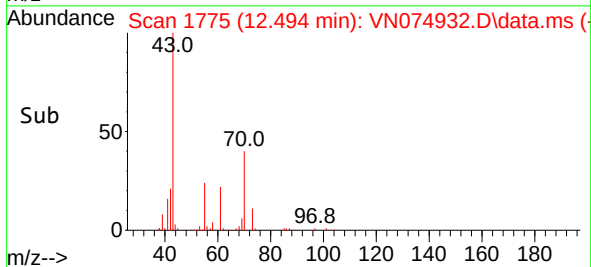
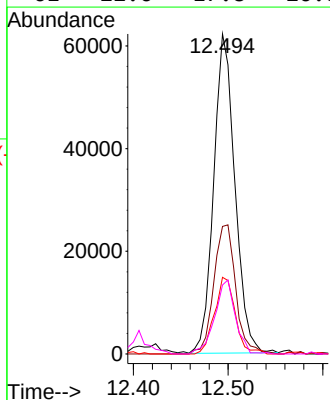
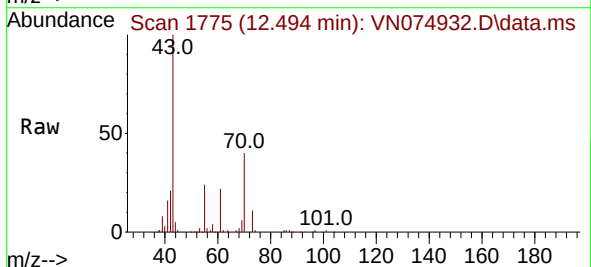
Manual Integrations
APPROVED

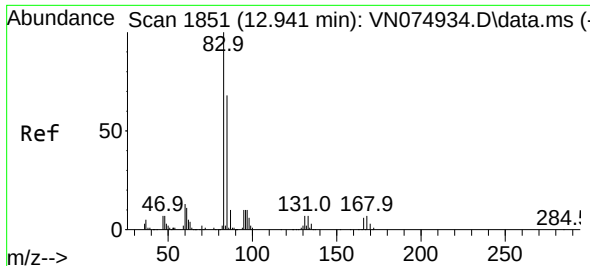
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#74
N-ethyl acetate
Concen: 10.047 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN074932.D
Acq: 19 Oct 2022 15:44

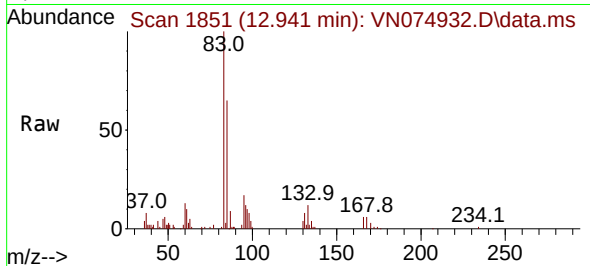
Tgt Ion: 43 Resp: 97011
Ion Ratio Lower Upper
43 100
70 41.8 32.9 49.3
55 23.5 17.7 26.5
61 22.6 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 10.669 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN074932.D
Acq: 19 Oct 2022 15:44

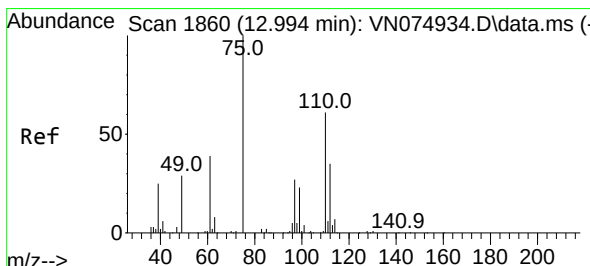
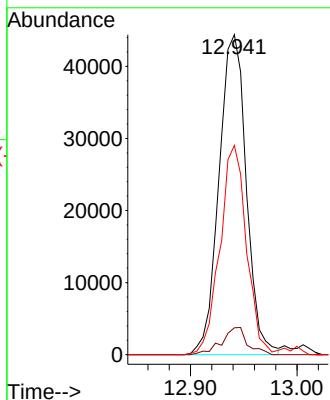
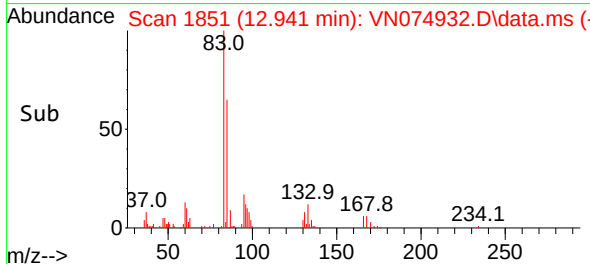
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



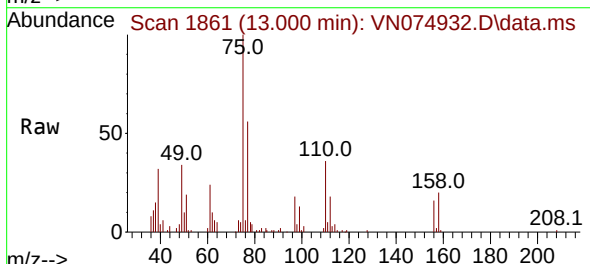
Tgt Ion: 83 Resp: 79060
Ion Ratio Lower Upper
83 100
131 8.0 4.3 12.8
85 63.6 33.0 98.9

Manual Integrations
APPROVED

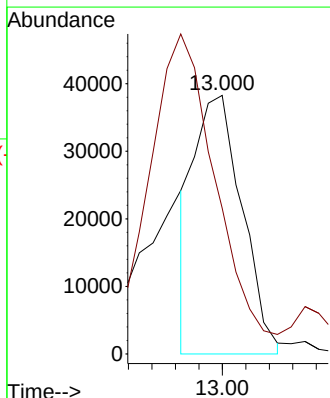
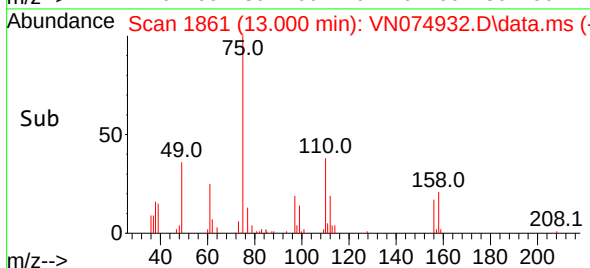
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

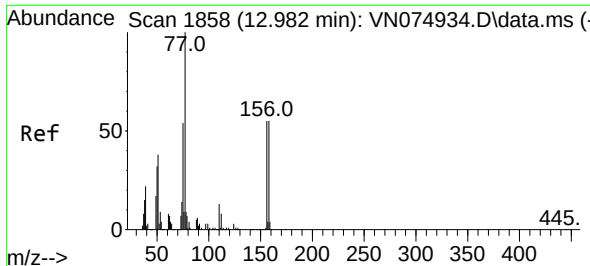


#76
1,2,3-Trichloropropane
Concen: 10.243 ug/l m
RT: 13.000 min Scan# 1861
Delta R.T. 0.006 min
Lab File: VN074932.D
Acq: 19 Oct 2022 15:44



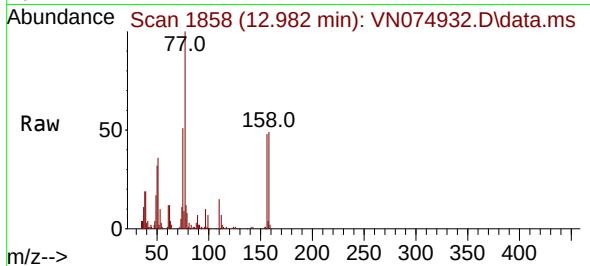
Tgt Ion: 75 Resp: 54175
Ion Ratio Lower Upper
75 100
77 175.6 79.8 239.4





#77
Bromobenzene
Concen: 9.205 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN074932.D
Acq: 19 Oct 2022 15:44

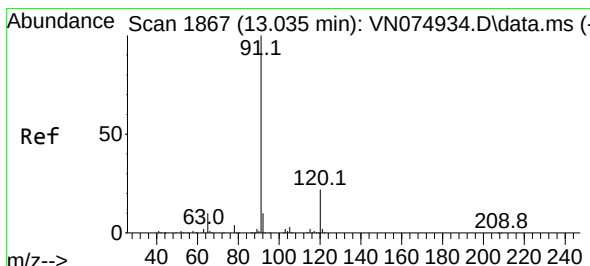
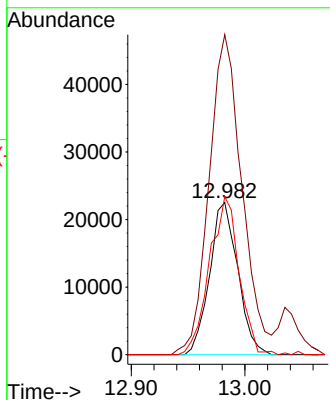
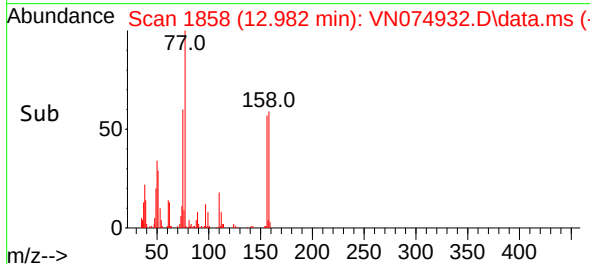
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion:156 Resp: 3884
Ion Ratio Lower Upper
156 100
77 244.9 107.8 323.6
158 109.0 48.2 144.6

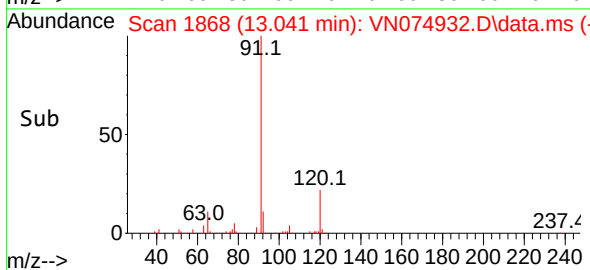
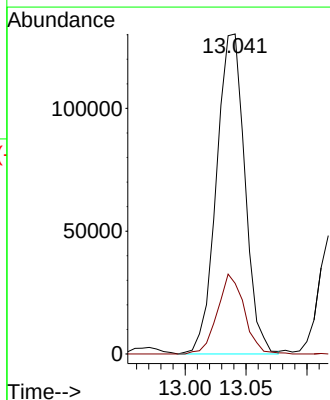
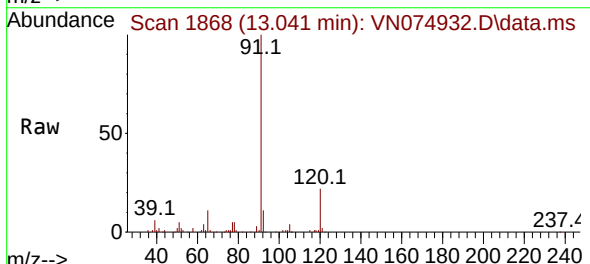
Manual Integrations
APPROVED

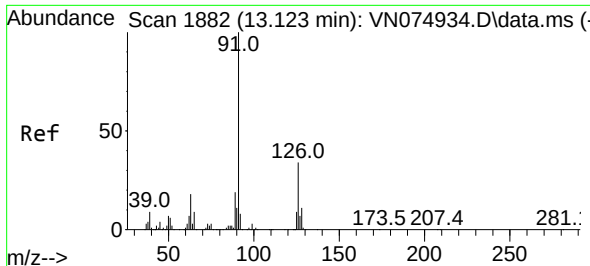
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#78
n-propylbenzene
Concen: 9.825 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN074932.D
Acq: 19 Oct 2022 15:44

Tgt Ion: 91 Resp: 211963
Ion Ratio Lower Upper
91 100
120 23.4 11.3 33.9





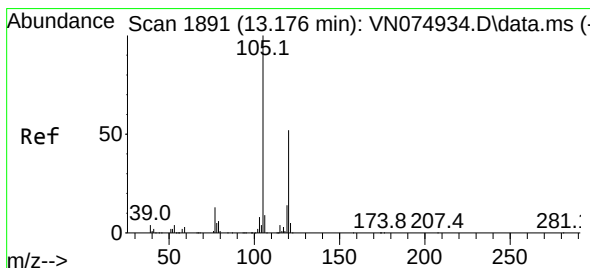
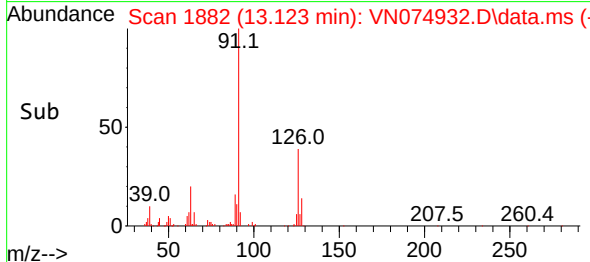
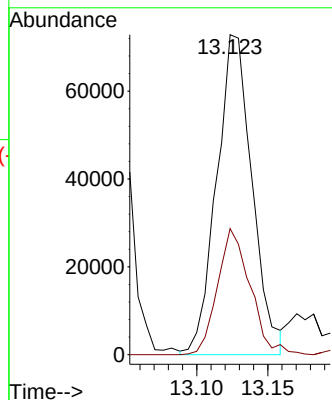
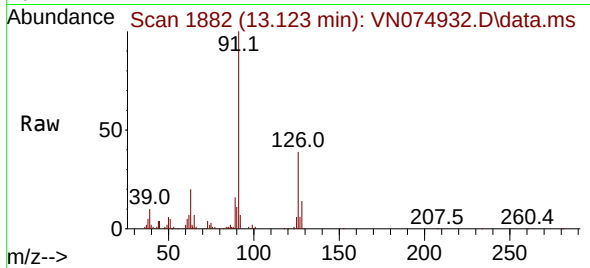
#79
2-Chlorotoluene
Concen: 10.152 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VN074932.D
Acq: 19 Oct 2022 15:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 12681
Ion Ratio Lower Upper
91 100
126 36.2 17.4 52.3

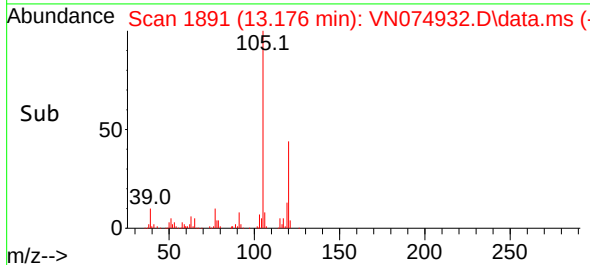
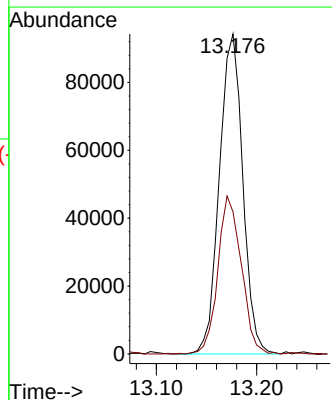
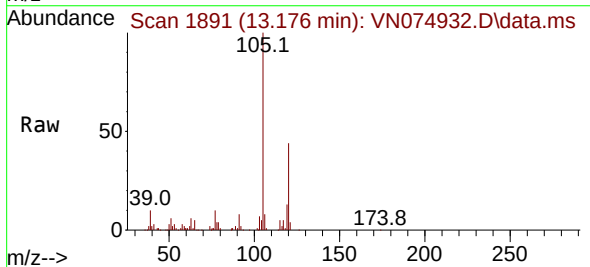
Manual Integrations
APPROVED

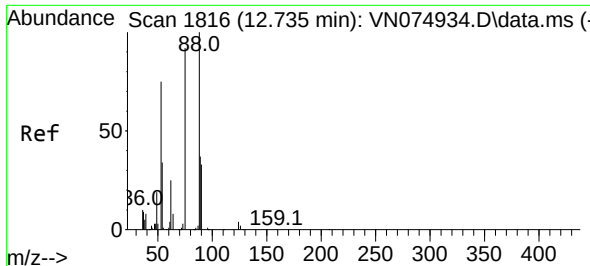
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#80
1,3,5-Trimethylbenzene
Concen: 9.917 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN074932.D
Acq: 19 Oct 2022 15:44

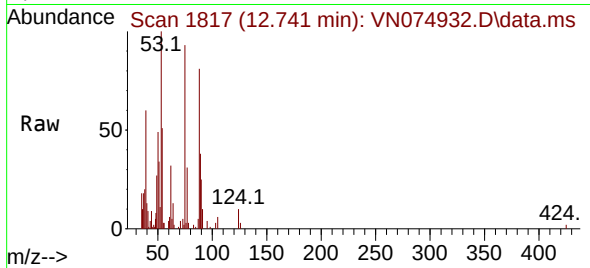
Tgt Ion:105 Resp: 152435
Ion Ratio Lower Upper
105 100
120 49.5 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 9.386 ug/l
RT: 12.741 min Scan# 1816
Delta R.T. 0.006 min
Lab File: VN074932.D
Acq: 19 Oct 2022 15:44

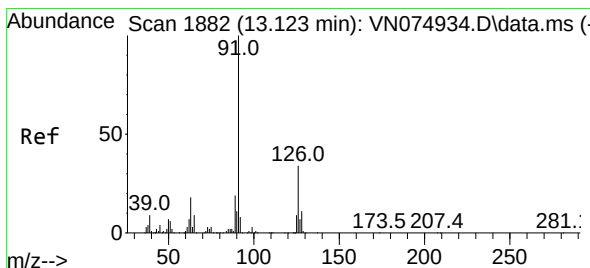
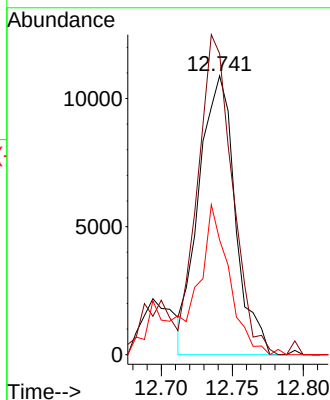
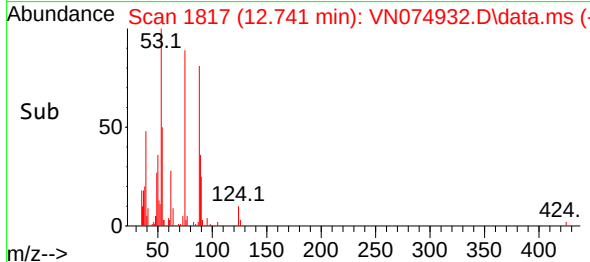
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 75 Resp: 19404
Ion Ratio Lower Upper
75 100
53 108.2 81.4 122.0
89 46.6 35.1 52.7

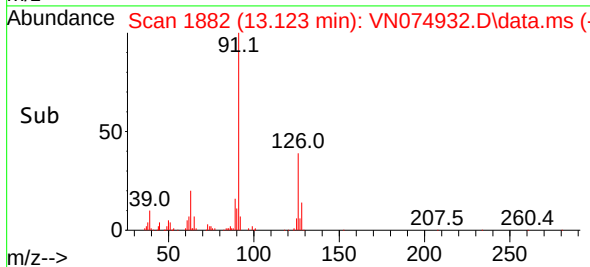
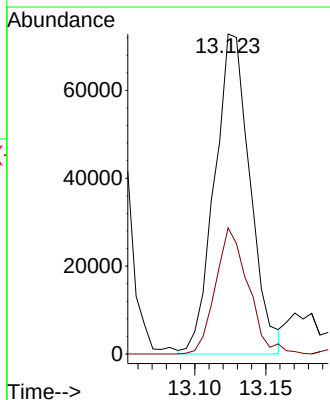
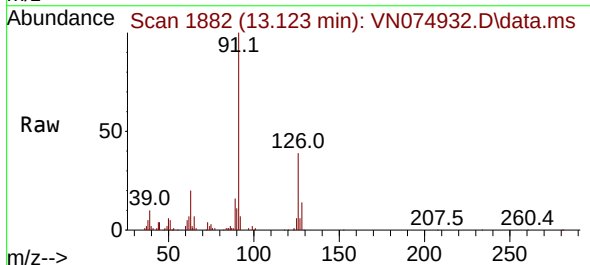
Manual Integrations
APPROVED

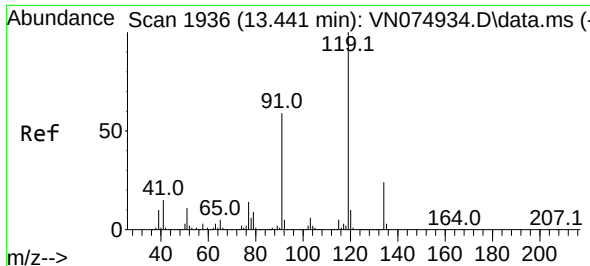
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#82
4-Chlorotoluene
Concen: 10.152 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VN074932.D
Acq: 19 Oct 2022 15:44

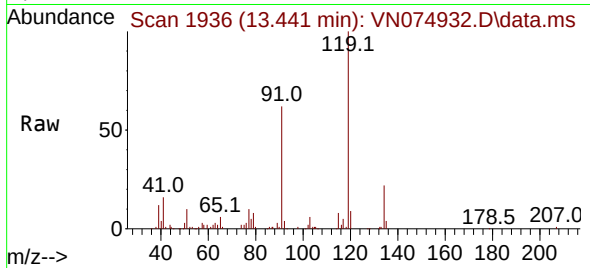
Tgt Ion: 91 Resp: 126817
Ion Ratio Lower Upper
91 100
126 36.2 17.4 52.3





#83
tert-Butylbenzene
Concen: 10.247 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN074932.D
Acq: 19 Oct 2022 15:44

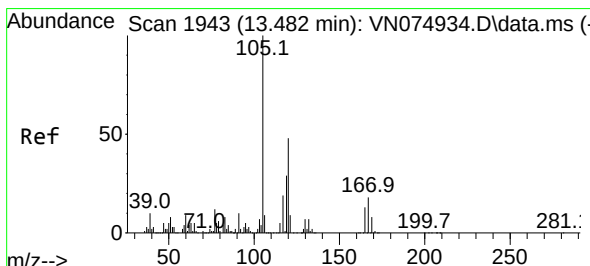
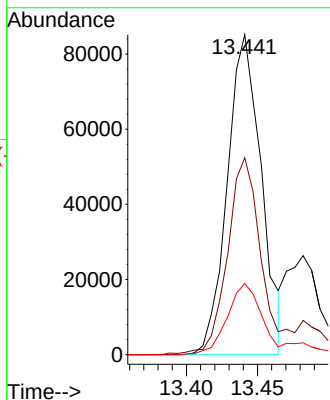
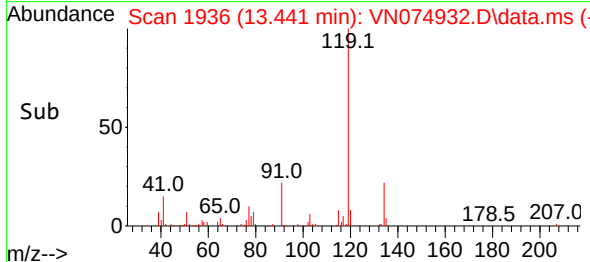
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



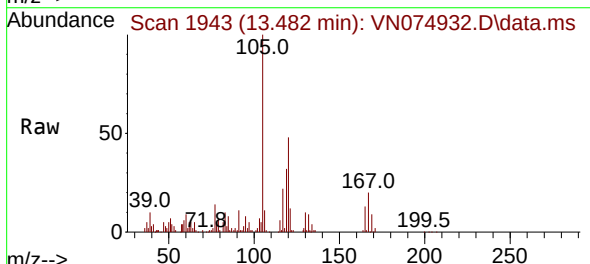
Tgt Ion:119 Resp: 141524
Ion Ratio Lower Upper
119 100
91 61.9 29.8 89.5
134 23.6 13.5 40.5

Manual Integrations
APPROVED

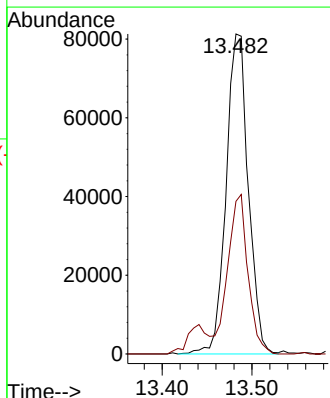
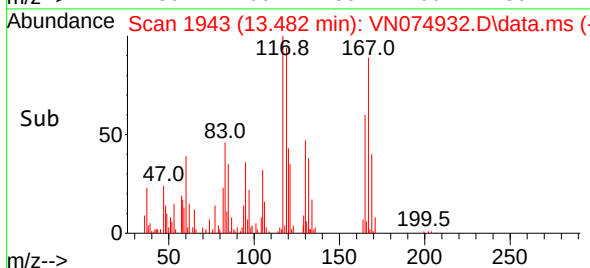
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

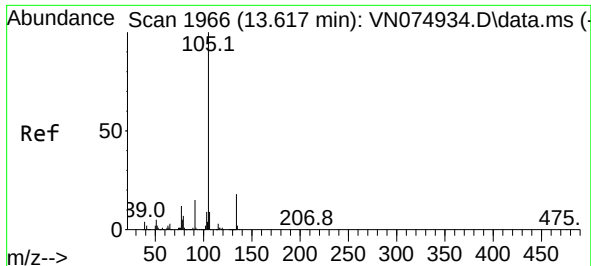


#84
1,2,4-Trimethylbenzene
Concen: 9.478 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN074932.D
Acq: 19 Oct 2022 15:44



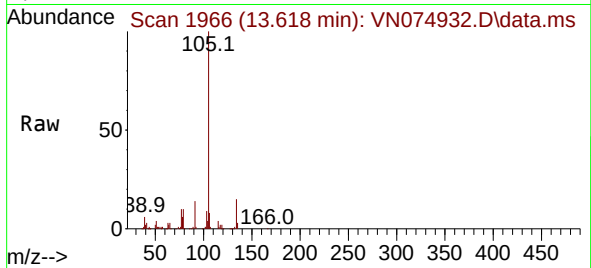
Tgt Ion:105 Resp: 139486
Ion Ratio Lower Upper
105 100
120 46.1 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 9.678 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN074932.D
 Acq: 19 Oct 2022 15:44

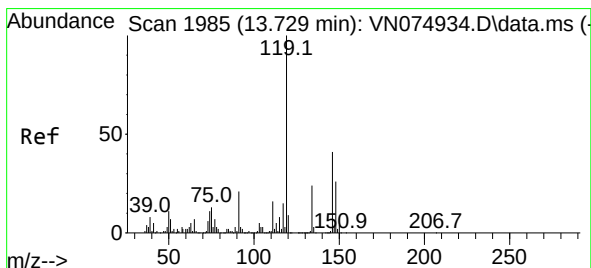
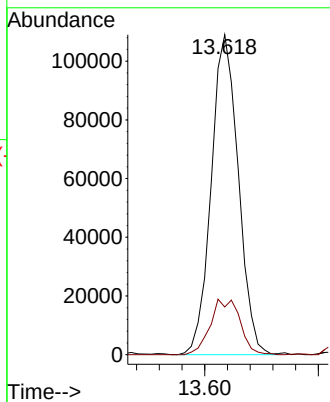
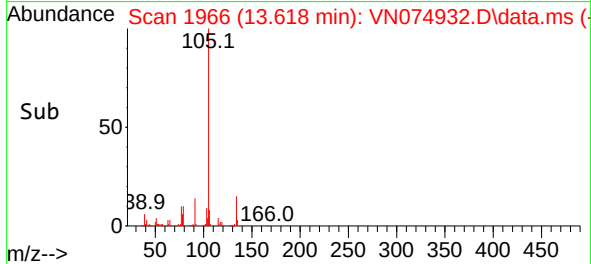
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



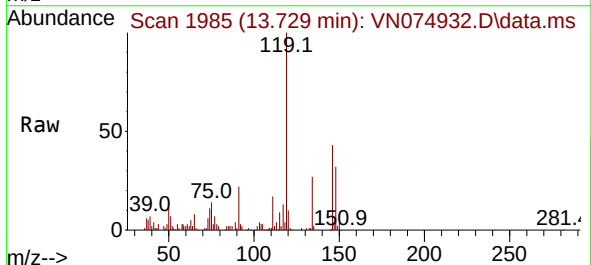
Tgt Ion:105 Resp: 180910
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.6 28.6

Manual Integrations
 APPROVED

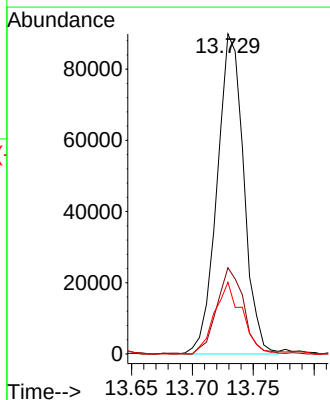
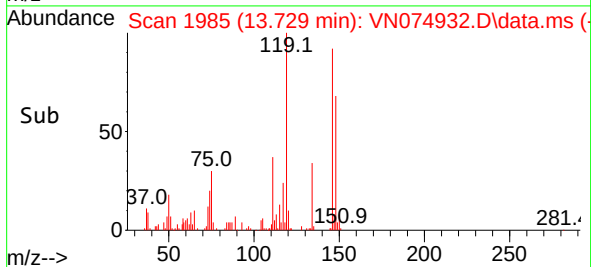
Reviewed By :John Carlone 10/20/2022
 Supervised By :Mahesh Dadoda 10/20/2022

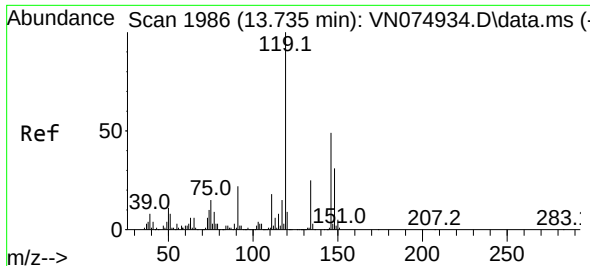


#86
 p-Isopropyltoluene
 Concen: 9.475 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN074932.D
 Acq: 19 Oct 2022 15:44



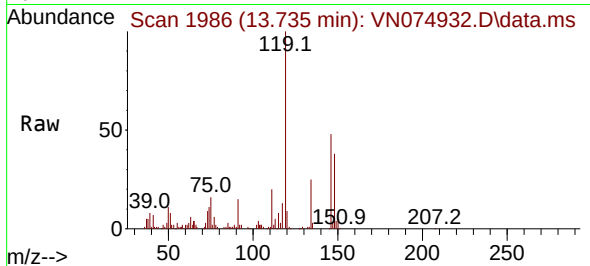
Tgt Ion:119 Resp: 137185
 Ion Ratio Lower Upper
 119 100
 134 27.3 12.9 38.7
 91 23.3 10.5 31.5





#87
1,3-Dichlorobenzene
Concen: 9.468 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN074932.D
Acq: 19 Oct 2022 15:44

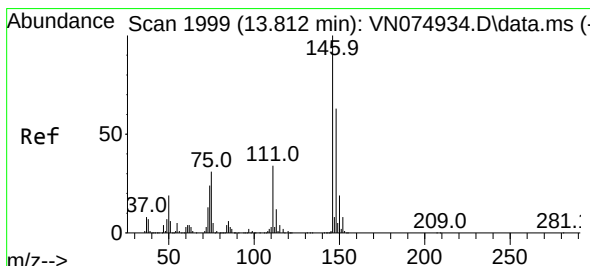
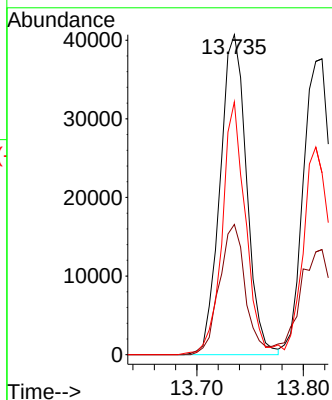
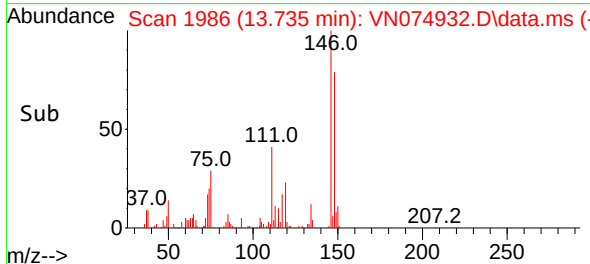
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



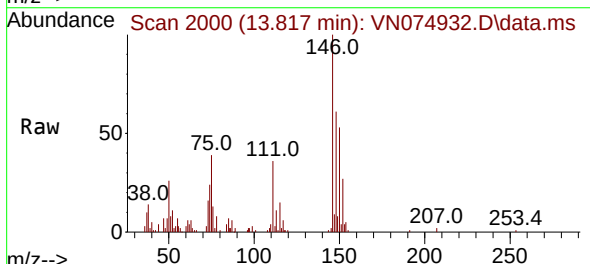
Tgt Ion:146 Resp: 7030
Ion Ratio Lower Upper
146 100
111 40.1 19.1 57.5
148 69.2 31.3 93.8

Manual Integrations
APPROVED

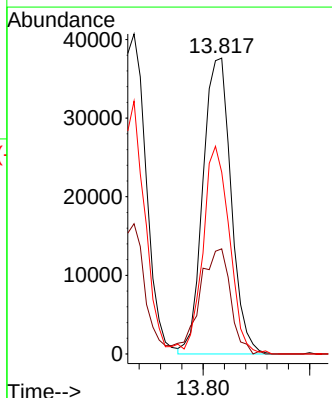
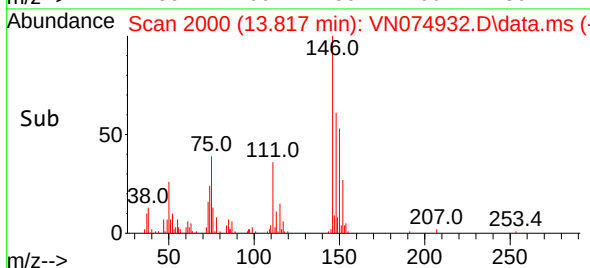
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

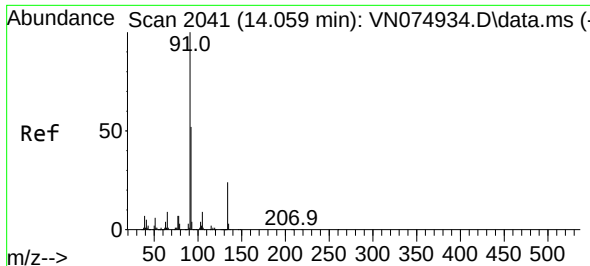


#88
1,4-Dichlorobenzene
Concen: 9.406 ug/l
RT: 13.817 min Scan# 2000
Delta R.T. 0.006 min
Lab File: VN074932.D
Acq: 19 Oct 2022 15:44



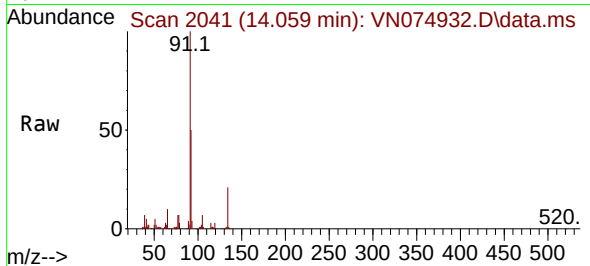
Tgt Ion:146 Resp: 68937
Ion Ratio Lower Upper
146 100
111 39.0 18.0 54.0
148 66.5 31.6 95.0





#89
n-Butylbenzene
Concen: 9.707 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VN074932.D
Acq: 19 Oct 2022 15:44

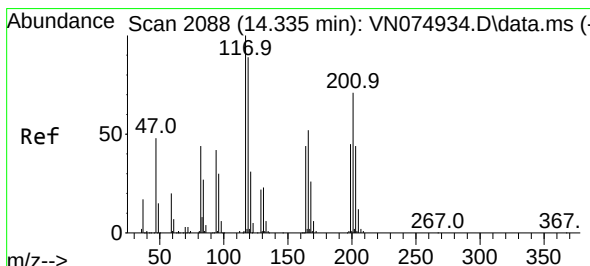
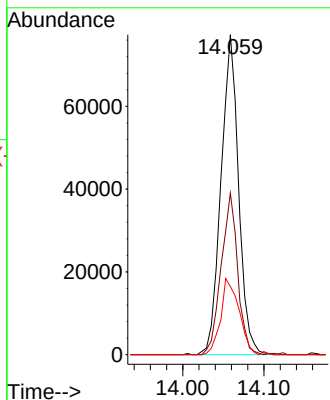
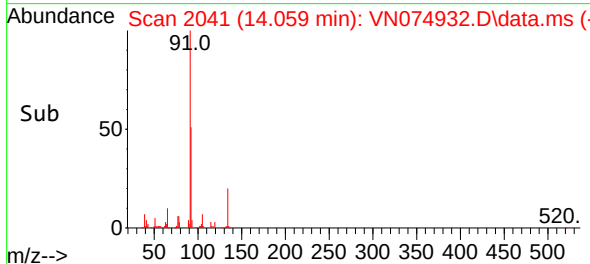
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 91 Resp: 116414
Ion Ratio Lower Upper
91 100
92 47.5 25.0 75.0
134 24.9 12.0 36.0

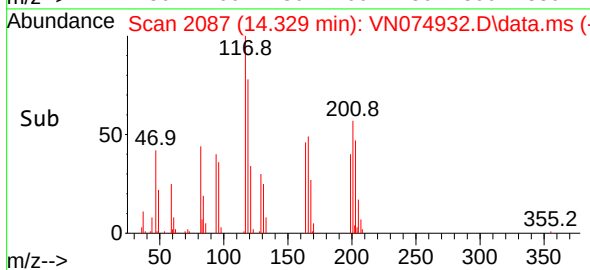
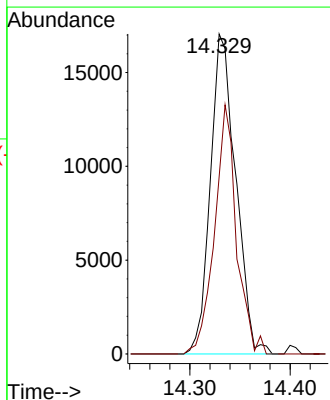
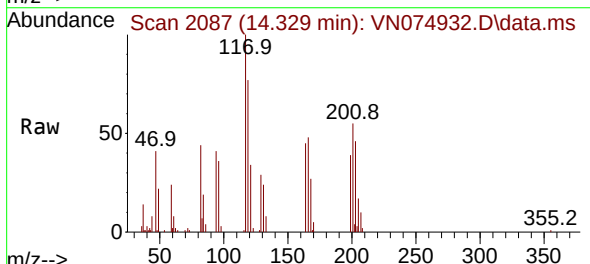
Manual Integrations
APPROVED

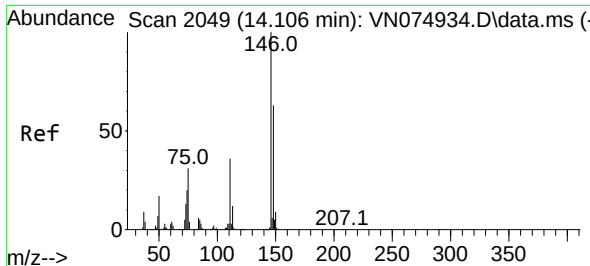
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#90
Hexachloroethane
Concen: 9.411 ug/l
RT: 14.329 min Scan# 2087
Delta R.T. -0.006 min
Lab File: VN074932.D
Acq: 19 Oct 2022 15:44

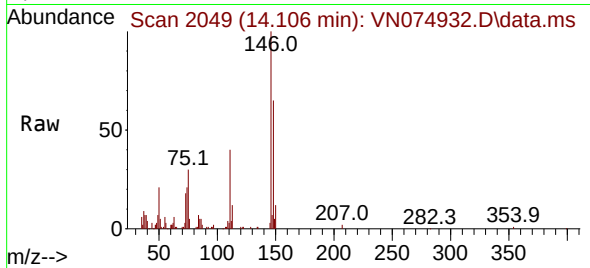
Tgt Ion:117 Resp: 29958
Ion Ratio Lower Upper
117 100
201 67.1 33.5 100.4





#91
1,2-Dichlorobenzene
Concen: 9.733 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. 0.000 min
Lab File: VN074932.D
Acq: 19 Oct 2022 15:44

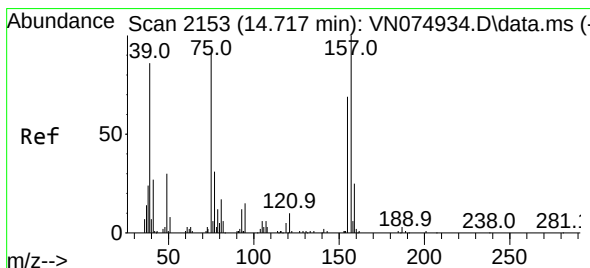
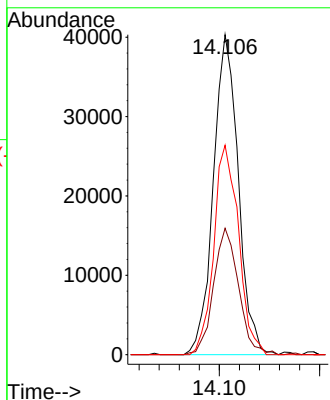
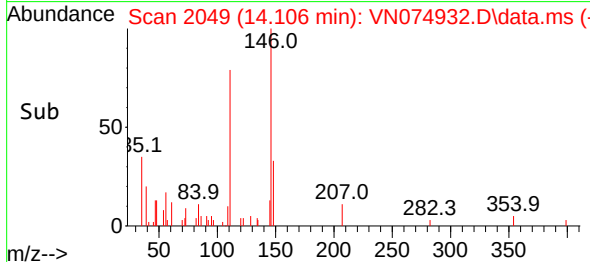
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



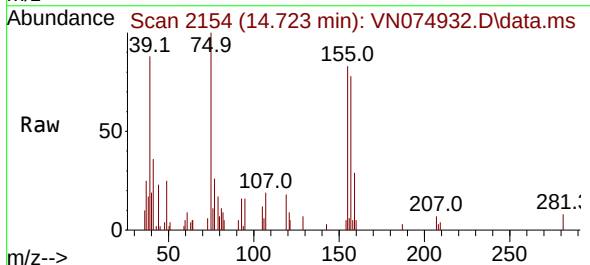
Tgt Ion:146 Resp: 6944
Ion Ratio Lower Upper
146 100
111 39.6 19.3 57.8
148 65.0 31.4 94.0

Manual Integrations
APPROVED

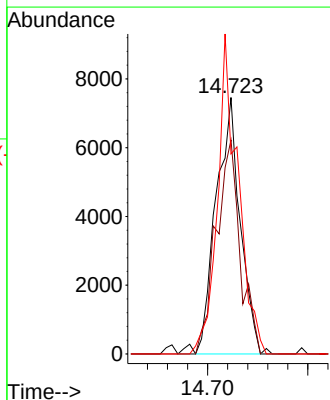
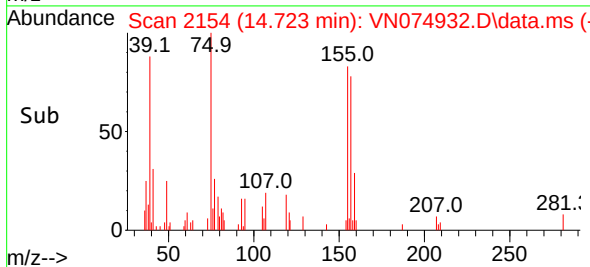
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

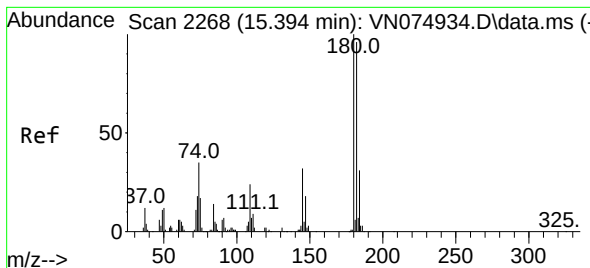


#92
1,2-Dibromo-3-Chloropropane
Concen: 9.945 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.006 min
Lab File: VN074932.D
Acq: 19 Oct 2022 15:44



Tgt Ion: 75 Resp: 12622
Ion Ratio Lower Upper
75 100
155 82.0 46.6 139.7
157 105.0 59.4 178.2





#93

1,2,4-Trichlorobenzene

Concen: 10.040 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN074932.D

Acq: 19 Oct 2022 15:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

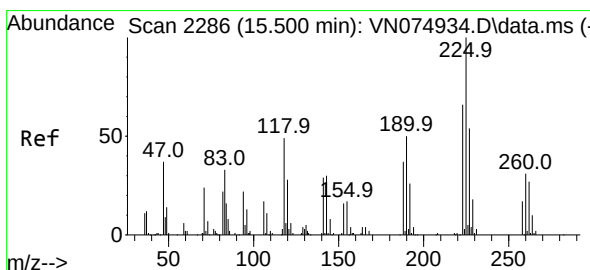
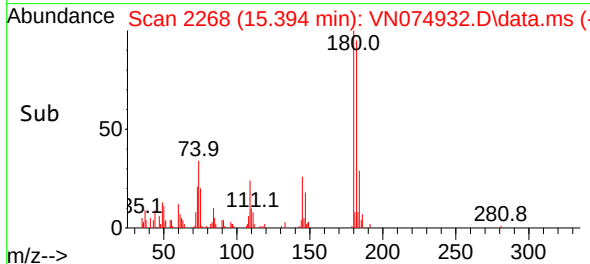
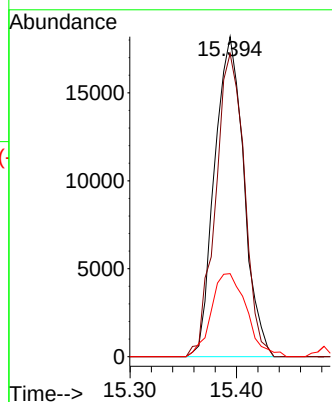
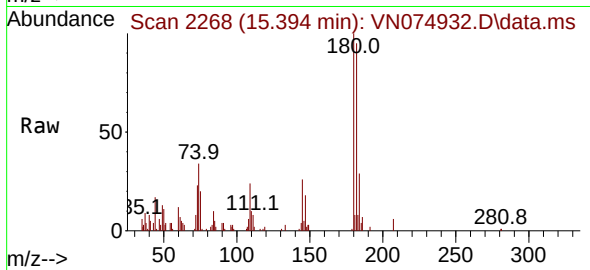
Tgt Ion:	180	Resp:	3468
Ion Ratio	Lower	Upper	
180	100		
182	93.6	47.9	143.8
145	31.2	15.0	45.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#94

Hexachlorobutadiene

Concen: 10.326 ug/l

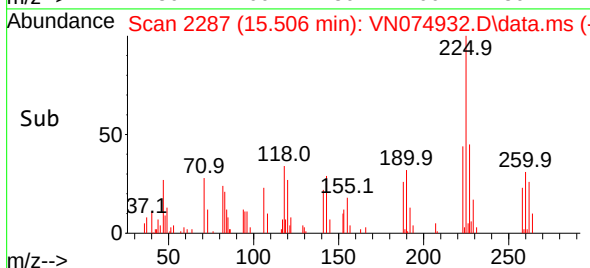
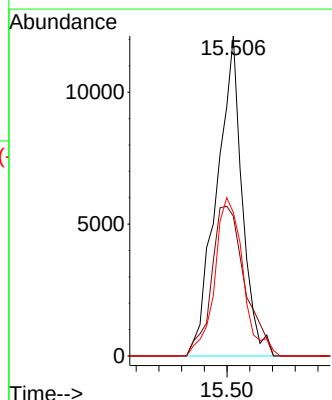
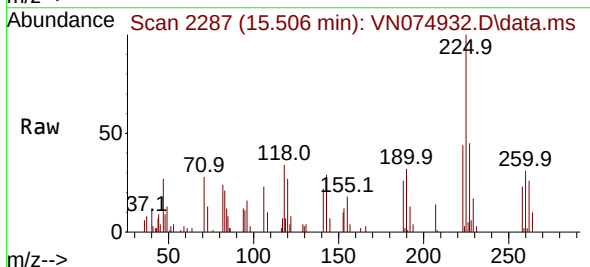
RT: 15.506 min Scan# 2287

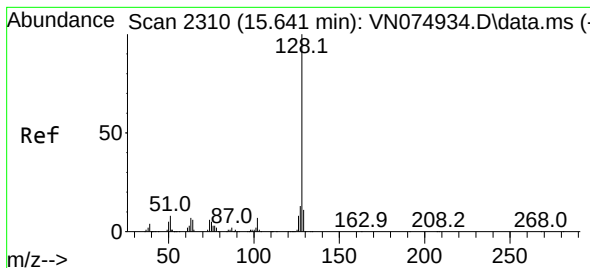
Delta R.T. 0.006 min

Lab File: VN074932.D

Acq: 19 Oct 2022 15:44

Tgt Ion:	225	Resp:	18974
Ion Ratio	Lower	Upper	
225	100		
223	60.4	34.3	102.9
227	54.9	31.2	93.6





#95

Naphthalene

Concen: 9.614 ug/l

RT: 15.641 min Scan# 2310

Delta R.T. 0.000 min

Lab File: VN074932.D

Acq: 19 Oct 2022 15:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

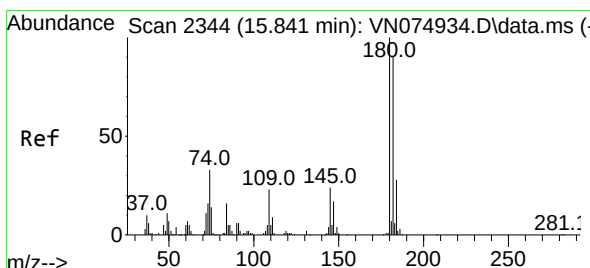
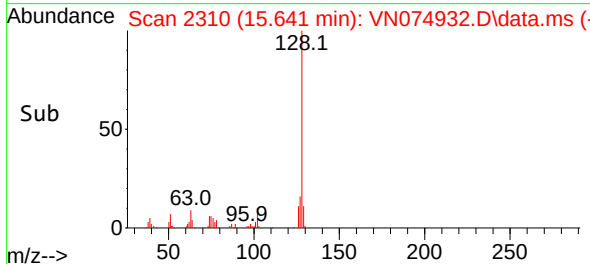
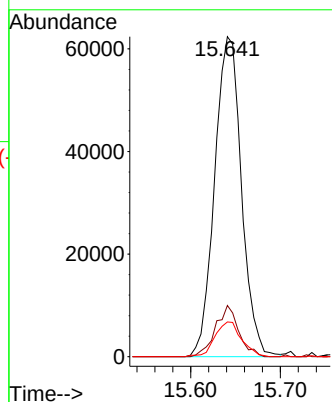
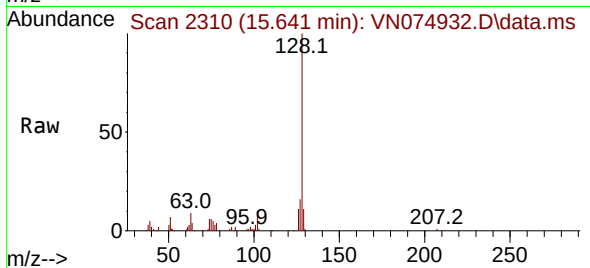
Tgt Ion:128	Resp:	12961
Ion Ratio	Lower	Upper
128	100	
127	13.8	10.4 15.6
129	10.8	8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#96

1,2,3-Trichlorobenzene

Concen: 9.246 ug/l

RT: 15.841 min Scan# 2344

Delta R.T. 0.000 min

Lab File: VN074932.D

Acq: 19 Oct 2022 15:44

Tgt Ion:180	Resp:	34905
Ion Ratio	Lower	Upper
180	100	
182	101.7	46.0 138.0
145	32.4	13.6 40.7

