

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030823\
 Data File : VN076887.D
 Acq On : 08 Mar 2023 19:35
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Mar 09 03:48:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N030823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 09 03:46:27 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/09/2023
 Supervised By : Mahesh Dadoda 03/09/2023

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

Internal Standards						
1) Bromochloromethane	7.819	128	47784	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	341412	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	382138	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	132674	30.118	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.400%			
60) 4-Bromofluorobenzene	12.854	95	224712	32.934	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 109.767%			
63) Toluene-d8	10.572	98	389503	29.088	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 96.967%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	589559	110.956	ug/l	99
3) Chloromethane	2.378	50	497014	81.275	ug/l	99
4) Vinyl Chloride	2.531	62	462743	72.810	ug/l	98
5) Bromomethane	2.960	94	280159	63.557	ug/l	98
6) Chloroethane	3.131	64	260049	63.885	ug/l	97
7) Trichlorofluoromethane	3.513	101	879645	102.549	ug/l	99
8) Diethyl Ether	3.978	74	349005	103.582	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.384	101	503578	97.646	ug/l	95
10) 1,1-Dichloroethene	4.354	96	494404	101.694	ug/l	98
11) Methyl Iodide	4.607	142	658011	112.212	ug/l	95
12) Methyl Acetate	5.037	43	807277	84.850	ug/l	99
13) Acrolein	4.190	56	639649	537.687	ug/l	98
14) Acrylonitrile	5.731	53	1346748	456.645	ug/l	97
15) Acetone	4.443	58	348798	377.994	ug/l	85
16) Carbon Disulfide	4.725	76	1392835	102.476	ug/l	97
17) Allyl chloride	5.037	41	755327	90.044	ug/l	95
18) Methylene Chloride	5.290	84	550975	91.300	ug/l	87
19) trans-1,2-Dichloroethene	5.801	96	519841	96.793	ug/l	98
20) Diisopropyl ether	6.684	45	1696768	86.198	ug/l	94
21) 1,1-Dichloroethane	6.578	63	985356	93.756	ug/l	99
22) cis-1,2-Dichloroethene	7.495	96	600398	98.190	ug/l	97
23) tert-Butyl Alcohol	5.537	59	367670	433.910	ug/l #	100
24) Methyl tert-Butyl Ether	5.807	73	1674145	100.774	ug/l	92
25) Chloroform	7.972	83	989826	96.028	ug/l	99
26) Cyclohexane	8.266	56	908071	95.970	ug/l #	92
29) 1,1-Dichloropropene	8.378	75	752691	96.531	ug/l	98
30) 2-Butanone	7.489	43	1674567	386.307	ug/l	95
31) 2,2-Dichloropropane	7.501	77	771029	94.948	ug/l #	63
32) 1,1,1-Trichloroethane	8.178	97	883559	97.157	ug/l	96
33) Carbon Tetrachloride	8.366	117	770687	97.508	ug/l	95
34) Benzene	8.613	78	2247751	90.626	ug/l	97
35) Methacrylonitrile	7.783	41	395456	82.199	ug/l	91
36) 1,2-Dichloroethane	8.678	62	745703	89.782	ug/l	98
37) Trichloroethene	9.354	130	573579	98.430	ug/l	98
38) Methylcyclohexane	9.607	83	983958	99.515	ug/l	99
39) 1,2-Dichloropropane	9.625	63	573204	89.214	ug/l	97
40) Dibromomethane	9.713	93	369178	90.176	ug/l	94
41) Bromodichloromethane	9.889	83	785801	95.371	ug/l	99
42) Vinyl Acetate	6.613	43	5596019	436.676	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.566	43	694092	83.064	ug/l	96
44) Isopropyl Acetate	8.695	43	1154034	83.432	ug/l	92
45) 1,4-Dioxane	9.695	88	180746	1555.490	ug/l	96
46) Methyl methacrylate	9.683	41	564135	88.469	ug/l	90
47) n-amyl Acetate	12.495	43	1003076	83.836	ug/l	93
48) t-1,3-Dichloropropene	10.836	75	846579	101.806	ug/l	100
49) cis-1,3-Dichloropropene	10.313	75	936111	98.126	ug/l #	88
50) 1,1,2-Trichloroethane	11.019	97	538948	90.501	ug/l	97
51) Ethyl methacrylate	10.877	69	884677	102.192	ug/l	86
52) 1,3-Dichloropropane	11.166	76	945847	92.360	ug/l	99
53) Dibromochloromethane	11.360	129	579224	95.463	ug/l	99
54) 1,2-Dibromoethane	11.471	107	551575	95.720	ug/l	100
55) 2-Chloroethyl vinyl ether	10.166	63	1809404	489.667	ug/l	98
56) Bromoform	12.583	173	403887	97.478	ug/l	98
58) 4-Methyl-2-Pentanone	10.448	43	3493467	396.690	ug/l #	89
59) 2-Hexanone	11.195	43	2514439	387.480	ug/l #	88
61) Tetrachloroethene	11.107	164	573495	113.267	ug/l	92
62) Toluene	10.636	91	2410987	90.583	ug/l	99
64) Chlorobenzene	11.895	112	1444238	92.033	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.966	131	535486	92.453	ug/l	98
66) Ethyl Benzene	11.966	91	2755729	97.078	ug/l	99
67) m/p-Xylenes	12.071	106	2067348	188.411	ug/l	92
68) o-Xylene	12.401	106	1001863	92.792	ug/l	94
69) Styrene	12.413	104	1683052	96.989	ug/l	98
70) Isopropylbenzene	12.695	105	2686531	97.218	ug/l	96
71) 1,1,2,2-Tetrachloroethane	12.942	83	731380	82.405	ug/l	99
72) 1,2,3-Trichloropropane	12.995	75	690323m	86.551	ug/l	
73) Bromobenzene	12.983	156	592402	93.377	ug/l	93
74) n-propylbenzene	13.036	91	3214150	97.390	ug/l	99
75) 2-Chlorotoluene	13.130	91	1923360	97.269	ug/l	96
76) 1,3,5-Trimethylbenzene	13.177	105	2303724	99.169	ug/l	93
77) t-1,4-Dichloro-2-butene	12.736	75	241754	96.134	ug/l	93
78) 4-Chlorotoluene	13.224	91	1886554	99.611	ug/l	94
79) tert-butylbenzene	13.442	119	1937836	95.668	ug/l	93
80) 1,2,4-Trimethylbenzene	13.483	105	2283413	99.574	ug/l	95
81) sec-Butylbenzene	13.618	105	2836880	97.228	ug/l	100
82) p-Isopropyltoluene	13.730	119	2325348	98.432	ug/l	97
83) 1,3-Dichlorobenzene	13.736	146	1100942	91.353	ug/l	98
84) 1,4-Dichlorobenzene	13.813	146	1101421	93.224	ug/l	95
85) n-Butylbenzene	14.060	91	2136767	106.273	ug/l	98
86) Hexachloroethane	14.336	117	414599	91.952	ug/l	92
87) 1,2-Dichlorobenzene	14.107	146	1092370	90.617	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.724	75	163025	97.062	ug/l	95
89) 1,2,4-Trichlorobenzene	15.395	180	680647	109.305	ug/l	97
90) Hexachlorobutadiene	15.507	225	328116	107.904	ug/l	95
91) Naphthalene	15.642	128	2176276	109.002	ug/l	98
92) 1,2,3-Trichlorobenzene	15.842	180	655340	103.497	ug/l	98

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

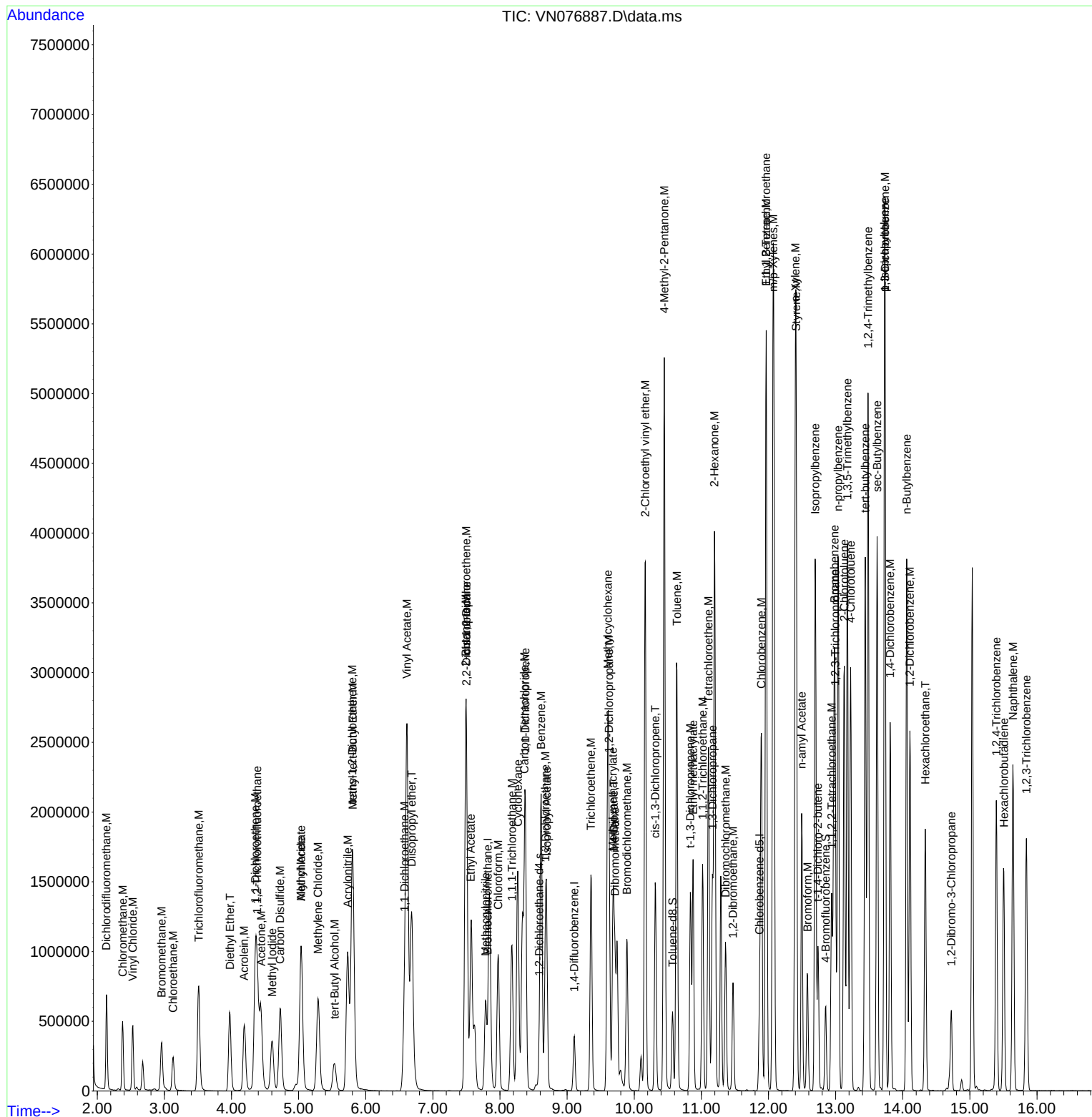
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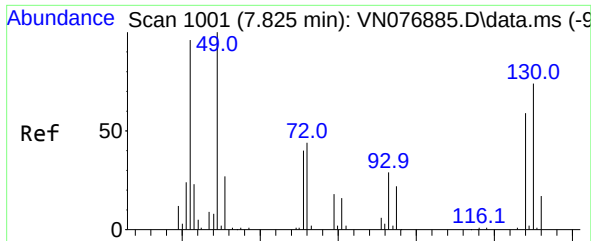
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

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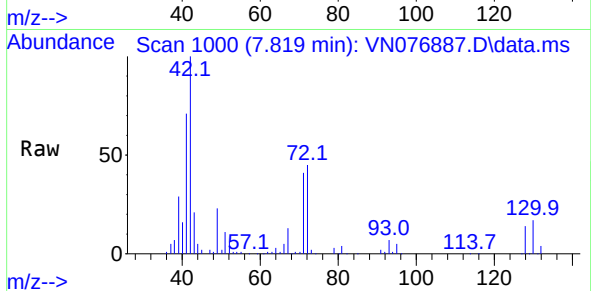
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.819 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN076887.D
Acq: 08 Mar 2023 19:35

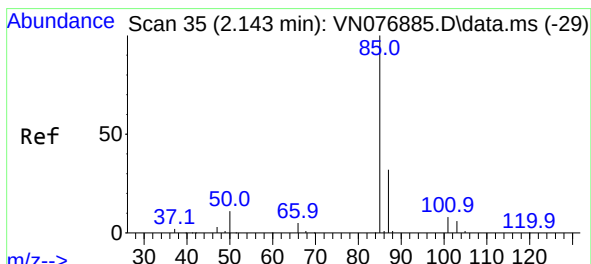
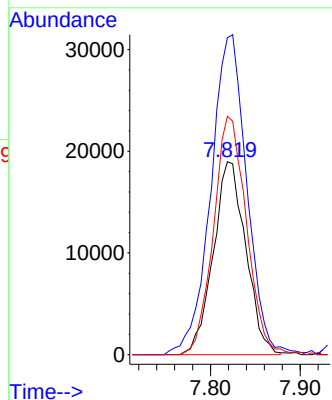
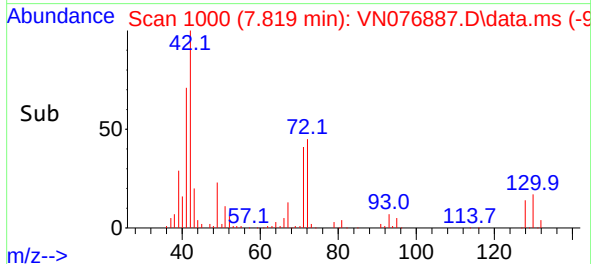
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



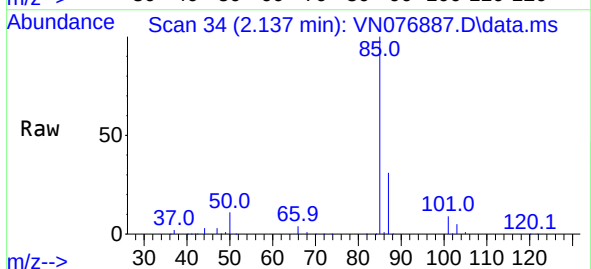
Tgt Ion:128 Resp: 47784
Ion Ratio Lower Upper
128 100
49 183.3 0.0 461.8
130 125.0 0.0 295.3

Manual Integrations
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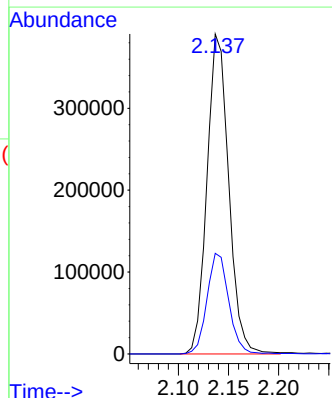
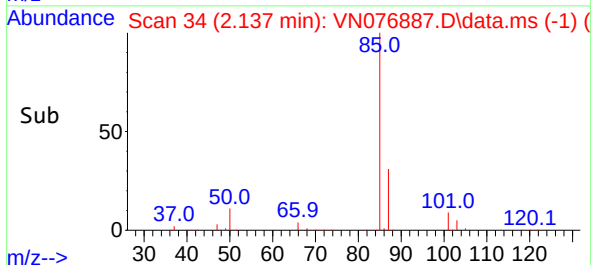
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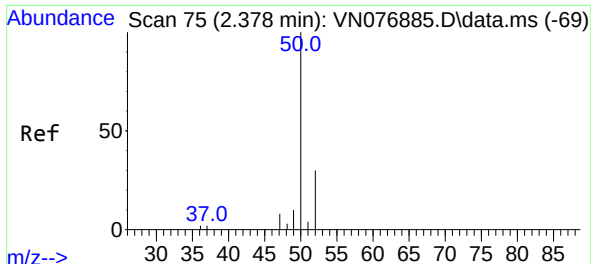


#2
Dichlorodifluoromethane
Concen: 110.956 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.006 min
Lab File: VN076887.D
Acq: 08 Mar 2023 19:35



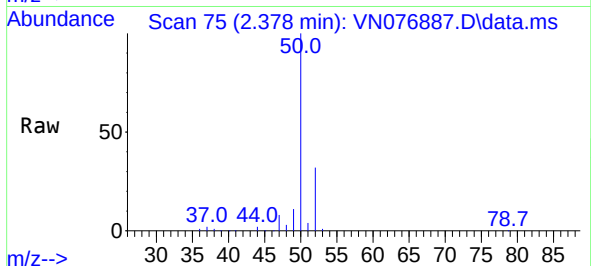
Tgt Ion: 85 Resp: 589559
Ion Ratio Lower Upper
85 100
87 31.4 15.4 46.1





#3
Chloromethane
Concen: 81.275 ug/l
RT: 2.378 min Scan# 75
Delta R.T. 0.000 min
Lab File: VN076887.D
Acq: 08 Mar 2023 19:35

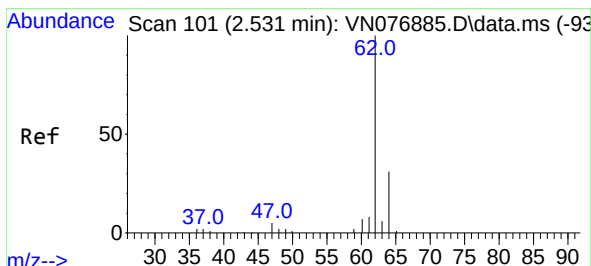
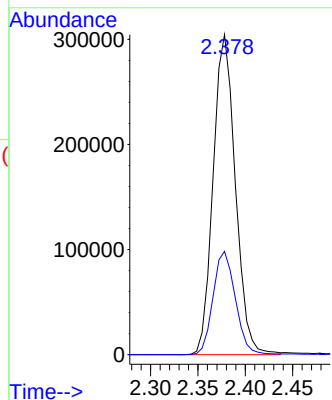
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 50 Resp: 497014
Ion Ratio Lower Upper
50 100
52 32.3 25.3 37.9

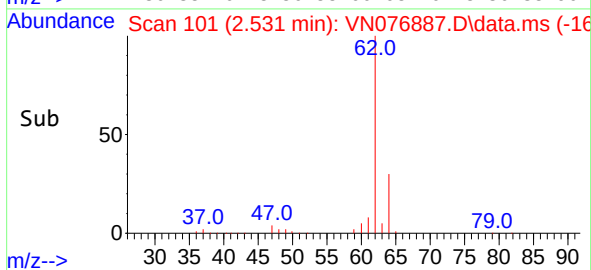
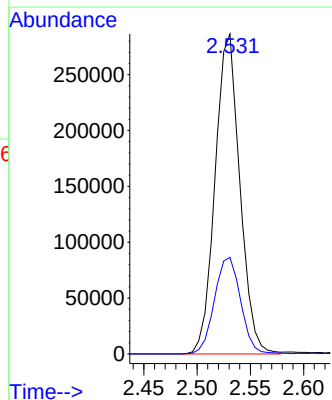
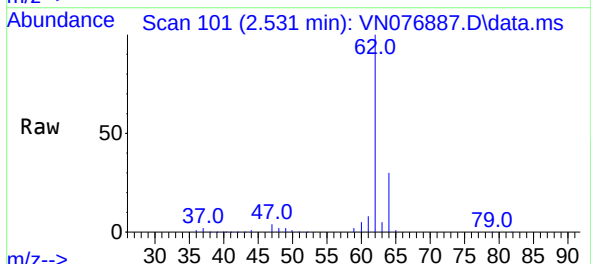
Manual Integrations
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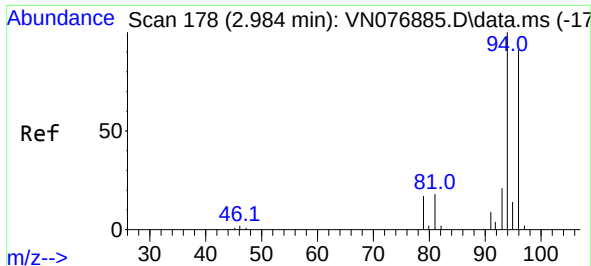
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#4
Vinyl Chloride
Concen: 72.810 ug/l
RT: 2.531 min Scan# 101
Delta R.T. -0.000 min
Lab File: VN076887.D
Acq: 08 Mar 2023 19:35

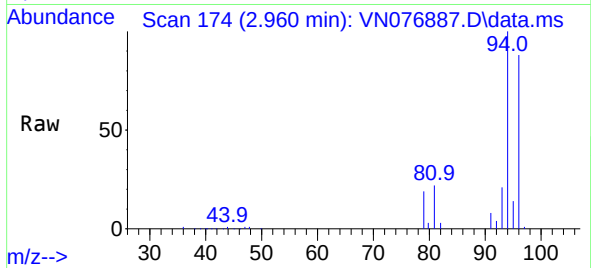
Tgt Ion: 62 Resp: 462743
Ion Ratio Lower Upper
62 100
64 30.2 23.1 34.7





#5
Bromomethane
Concen: 63.557 ug/l
RT: 2.960 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN076887.D
Acq: 08 Mar 2023 19:35

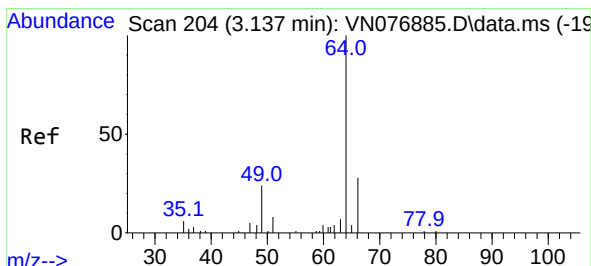
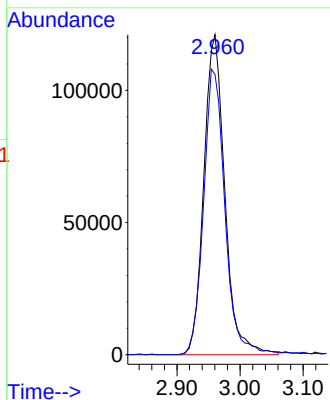
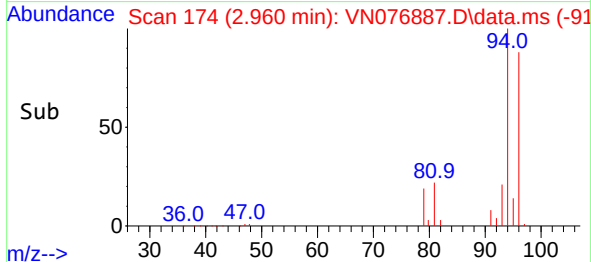
Instrument :
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ClientSampleId :
VSTDIC100



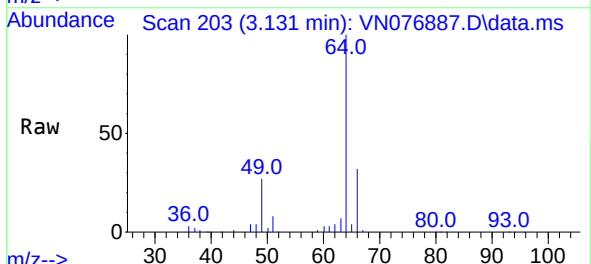
Tgt Ion: 94 Resp: 280159
Ion Ratio Lower Upper
94 100
96 87.6 68.6 103.0

Manual Integrations
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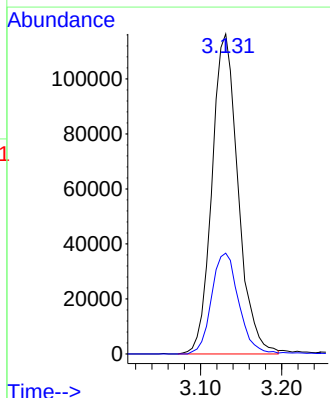
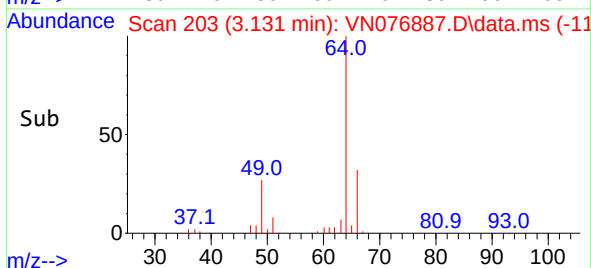
Reviewed By :John Carlone 03/09/2023
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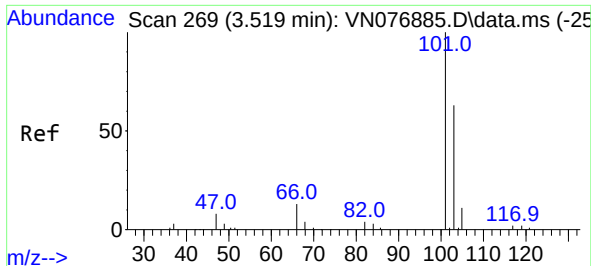


#6
Chloroethane
Concen: 63.885 ug/l
RT: 3.131 min Scan# 203
Delta R.T. -0.006 min
Lab File: VN076887.D
Acq: 08 Mar 2023 19:35



Tgt Ion: 64 Resp: 260049
Ion Ratio Lower Upper
64 100
66 31.5 23.8 35.6





#7
Trichlorofluoromethane
Concen: 102.549 ug/l
RT: 3.513 min Scan# 268
Delta R.T. 0.000 min
Lab File: VN076887.D
Acq: 08 Mar 2023 19:35

Instrument :

MSVOA_N

ClientSampleId :

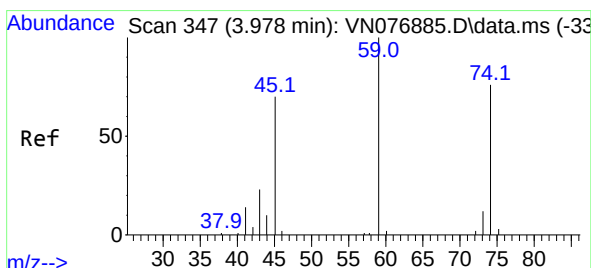
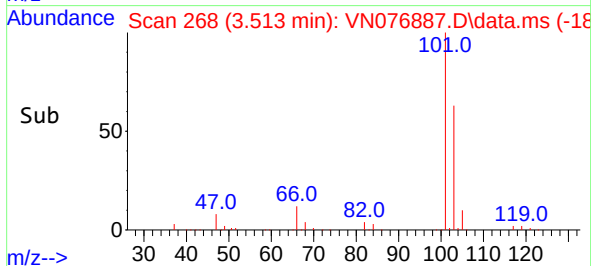
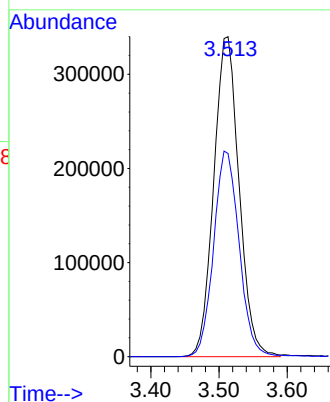
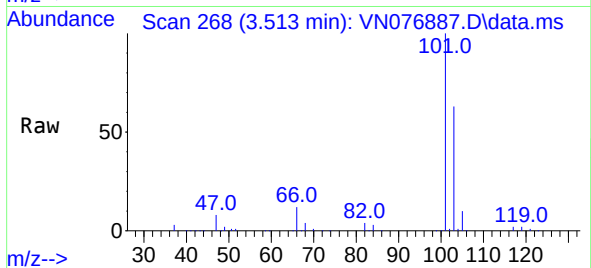
VSTDICC100

Tgt Ion:101 Resp: 879645
Ion Ratio Lower Upper
101 100
103 63.4 50.2 75.2

Manual Integrations

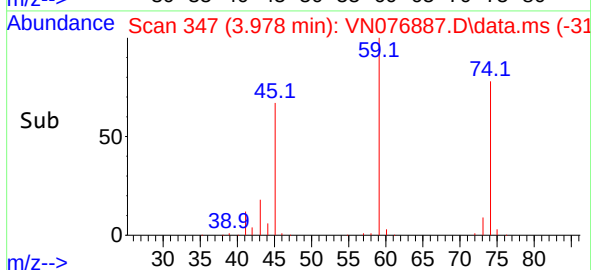
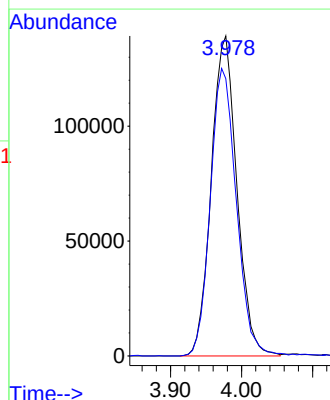
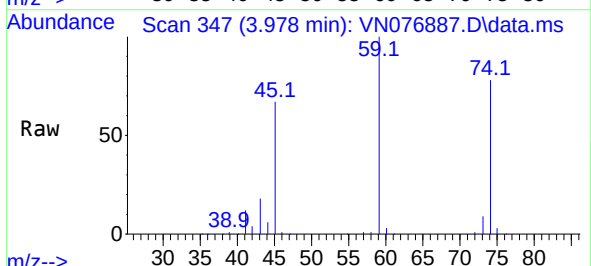
APPROVED

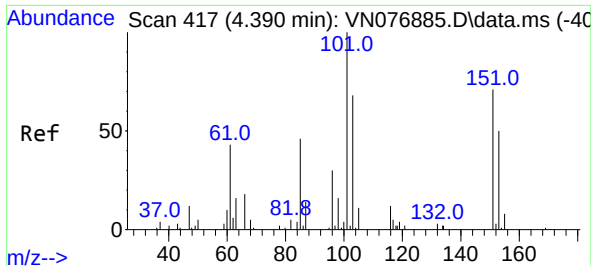
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#8
Diethyl Ether
Concen: 103.582 ug/l
RT: 3.978 min Scan# 347
Delta R.T. 0.006 min
Lab File: VN076887.D
Acq: 08 Mar 2023 19:35

Tgt Ion: 74 Resp: 349005
Ion Ratio Lower Upper
74 100
45 91.2 21.4 193.0





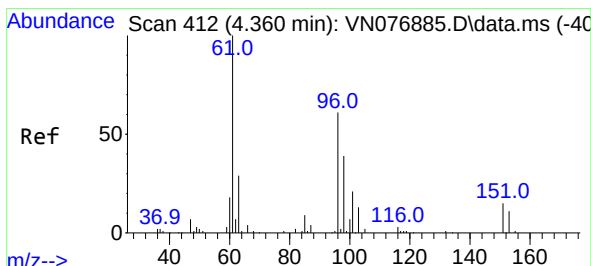
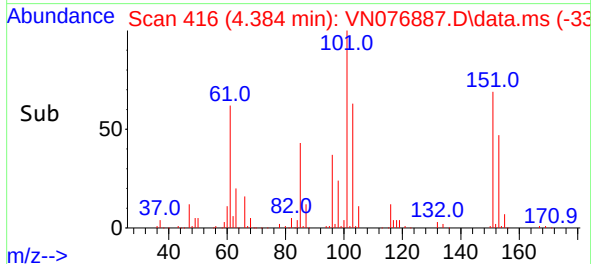
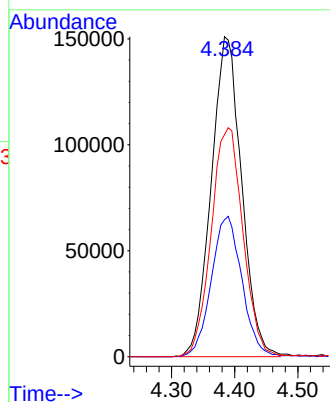
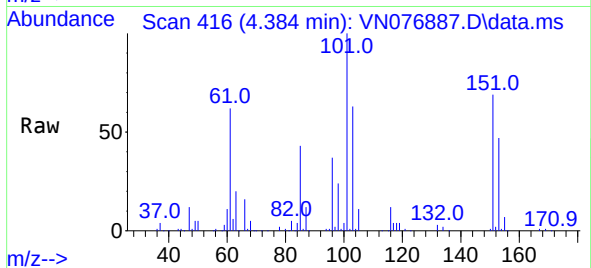
#9
1,1,2-Trichlorotrifluoroethane
Concen: 97.646 ug/l
RT: 4.384 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN076887.D
Acq: 08 Mar 2023 19:35

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:101 Resp: 503578
Ion Ratio Lower Upper
101 100
85 44.2 0.0 95.2
151 75.0 0.0 142.2

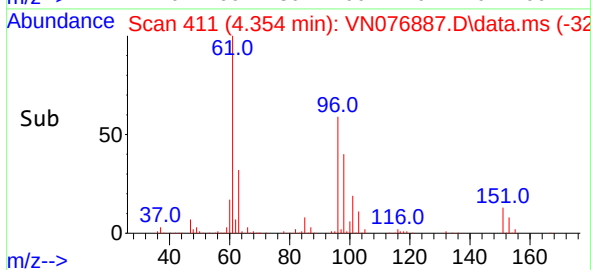
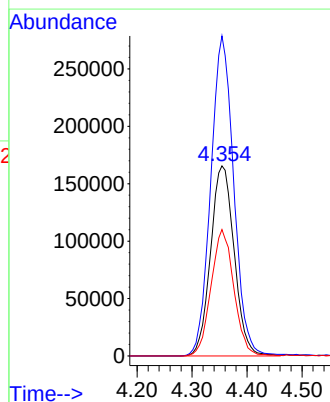
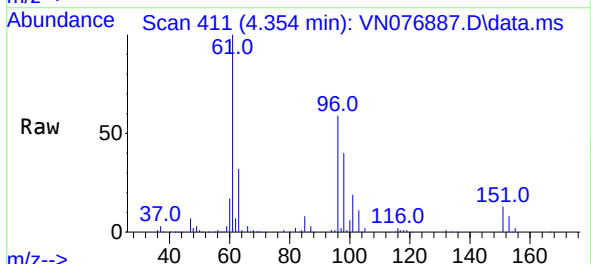
Manual Integrations
APPROVED

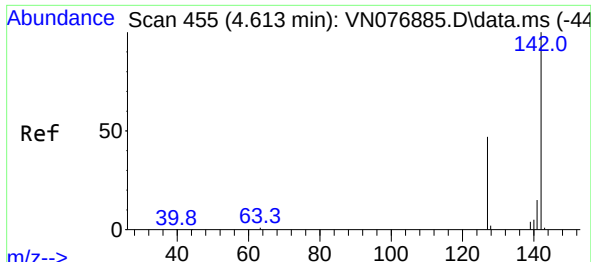
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#10
1,1-Dichloroethene
Concen: 101.694 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN076887.D
Acq: 08 Mar 2023 19:35

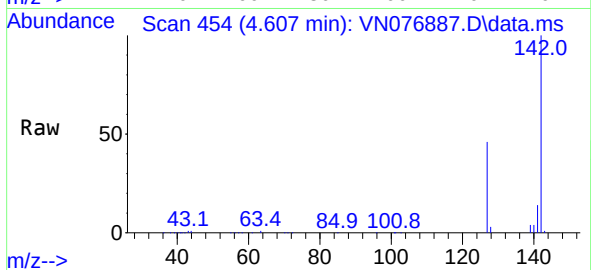
Tgt Ion: 96 Resp: 494404
Ion Ratio Lower Upper
96 100
61 168.3 137.1 205.7
98 66.5 53.2 79.8





#11
Methyl Iodide
Concen: 112.212 ug/l
RT: 4.607 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN076887.D
Acq: 08 Mar 2023 19:35

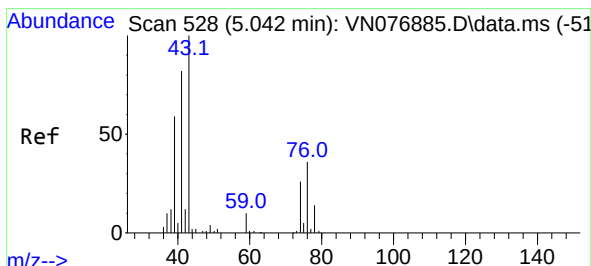
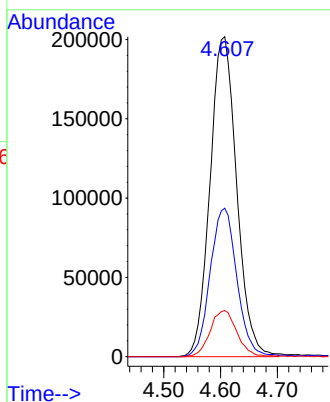
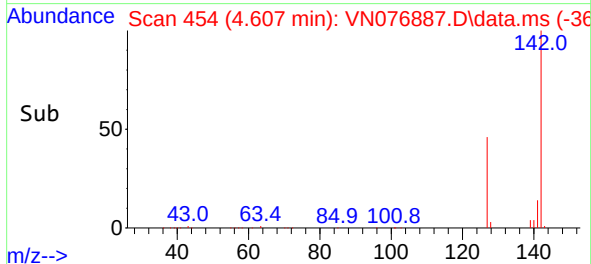
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:142 Resp: 65801
Ion Ratio Lower Upper
142 100
127 46.4 25.0 75.0
141 14.4 8.0 24.0

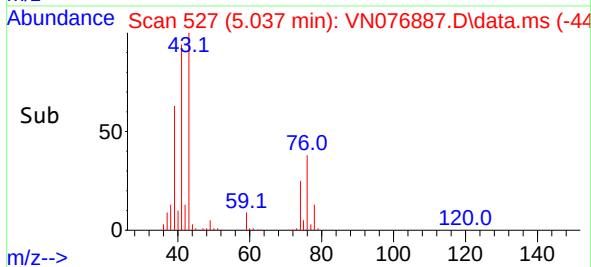
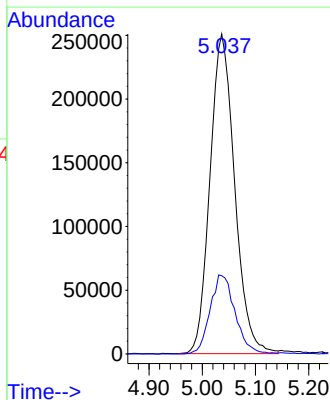
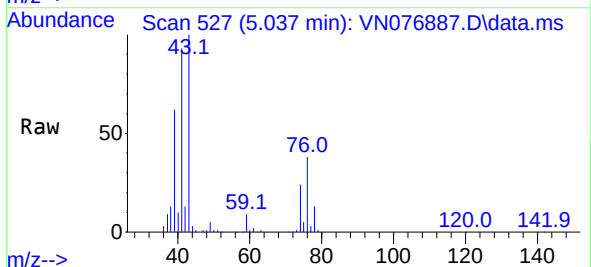
Manual Integrations
APPROVED

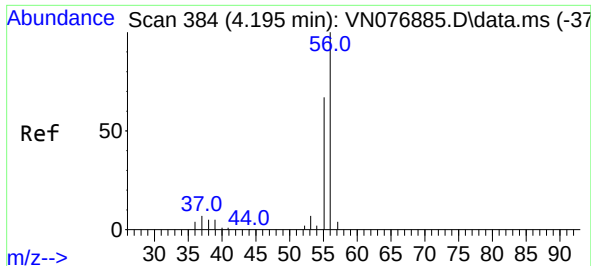
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#12
Methyl Acetate
Concen: 84.850 ug/l
RT: 5.037 min Scan# 527
Delta R.T. 0.000 min
Lab File: VN076887.D
Acq: 08 Mar 2023 19:35

Tgt Ion: 43 Resp: 807277
Ion Ratio Lower Upper
43 100
74 24.4 19.0 28.4





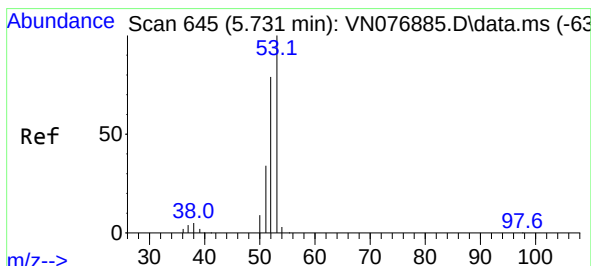
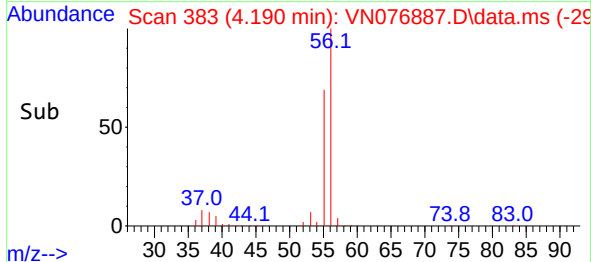
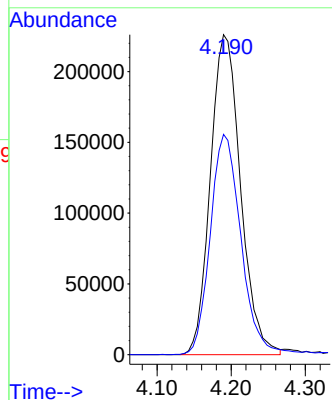
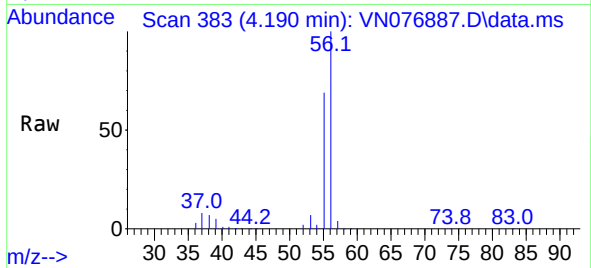
#13
Acrolein
Concen: 537.687 ug/l
RT: 4.190 min Scan# 383
Delta R.T. -0.000 min
Lab File: VN076887.D
Acq: 08 Mar 2023 19:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 56 Resp: 639649
Ion Ratio Lower Upper
56 100
55 70.0 55.0 82.4

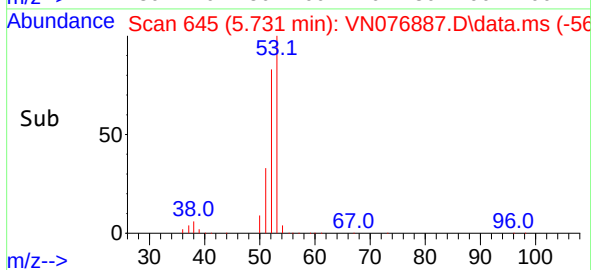
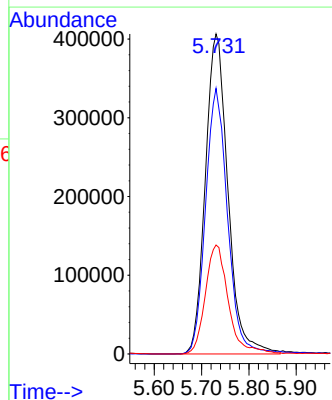
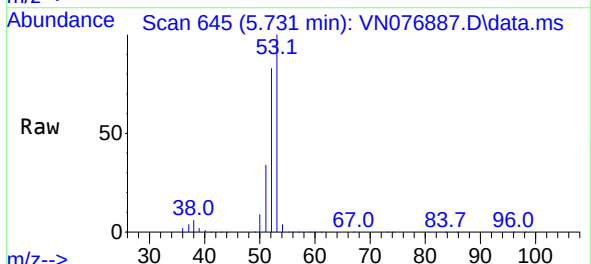
Manual Integrations
APPROVED

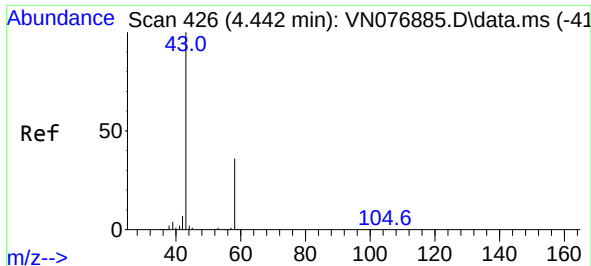
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#14
Acrylonitrile
Concen: 456.645 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.006 min
Lab File: VN076887.D
Acq: 08 Mar 2023 19:35

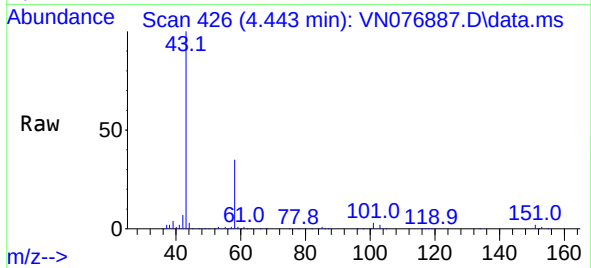
Tgt Ion: 53 Resp: 1346748
Ion Ratio Lower Upper
53 100
52 80.7 41.5 124.6
51 33.5 17.6 52.8





#15
Acetone
Concen: 377.994 ug/l
RT: 4.443 min Scan# 431
Delta R.T. 0.006 min
Lab File: VN076887.D
Acq: 08 Mar 2023 19:35

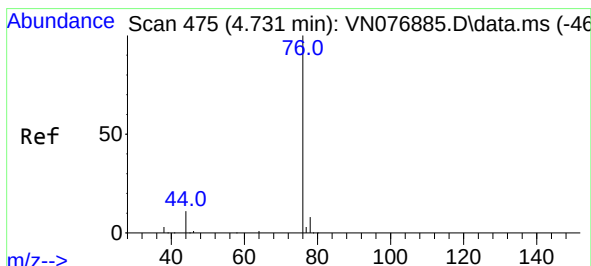
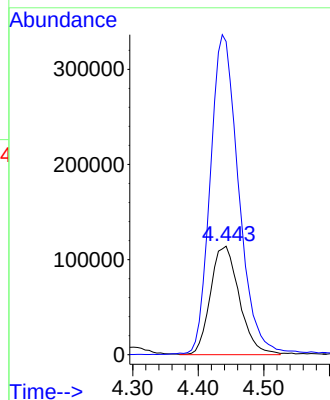
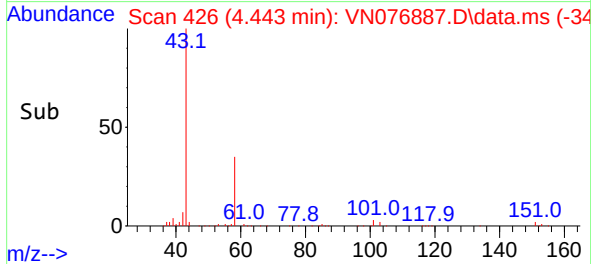
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



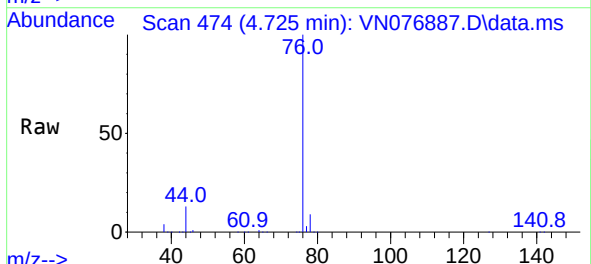
Tgt Ion: 58 Resp: 348798
Ion Ratio Lower Upper
58 100
43 288.0 255.4 383.0

Manual Integrations
APPROVED

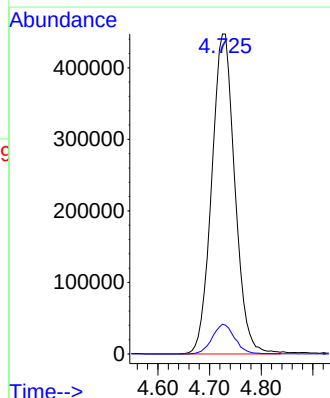
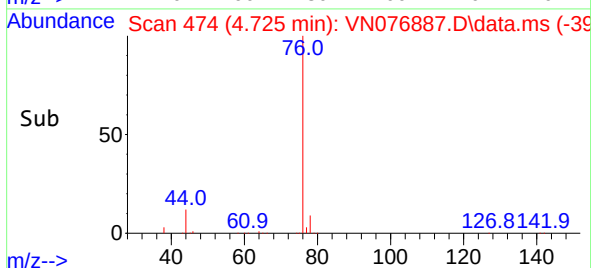
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

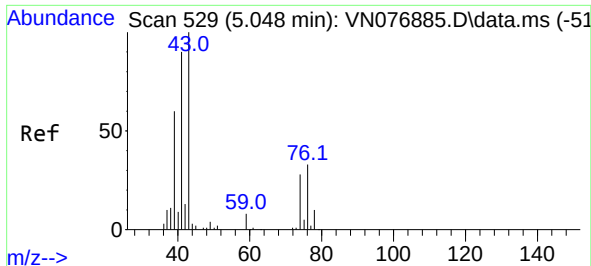


#16
Carbon Disulfide
Concen: 102.476 ug/l
RT: 4.725 min Scan# 474
Delta R.T. -0.006 min
Lab File: VN076887.D
Acq: 08 Mar 2023 19:35



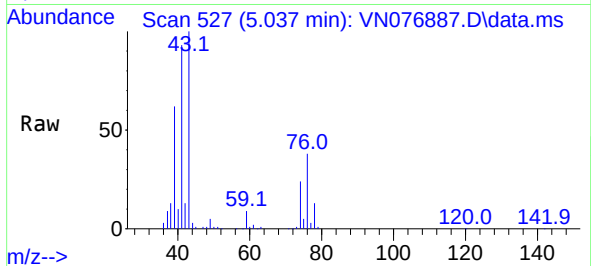
Tgt Ion: 76 Resp: 1392835
Ion Ratio Lower Upper
76 100
78 9.3 6.6 9.8





#17
 Allyl chloride
 Concen: 90.044 ug/l
 RT: 5.037 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VN076887.D
 Acq: 08 Mar 2023 19:35

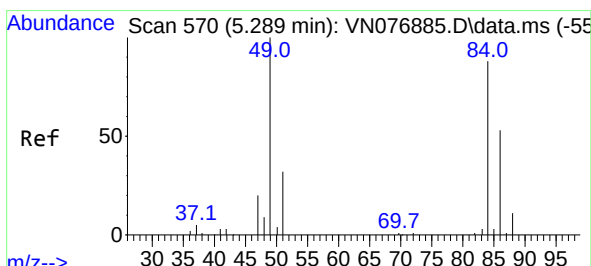
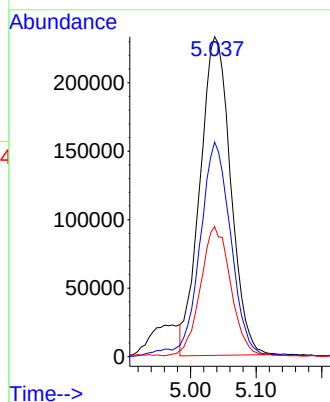
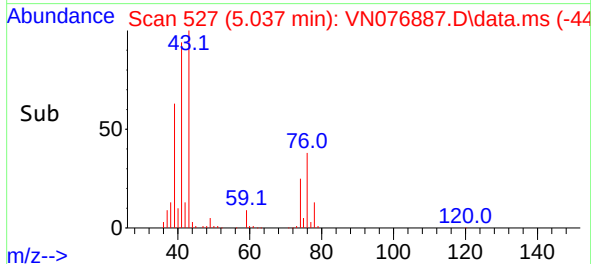
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



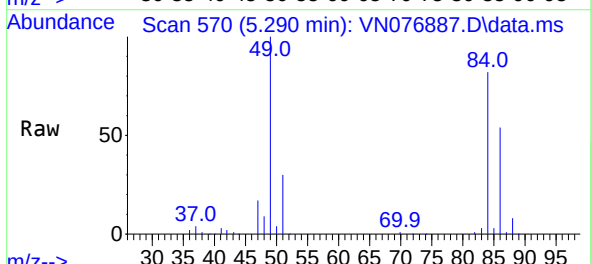
Tgt Ion: 41 Resp: 75532
 Ion Ratio Lower Upper
 41 100
 39 67.0 34.8 104.3
 76 40.6 17.5 52.5

Manual Integrations
 APPROVED

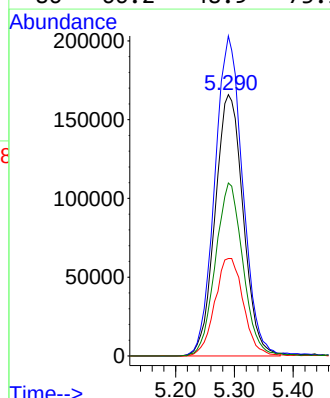
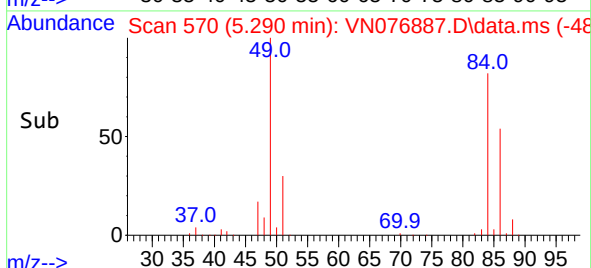
Reviewed By :John Carlone 03/09/2023
 Supervised By :Mahesh Dadoda 03/09/2023

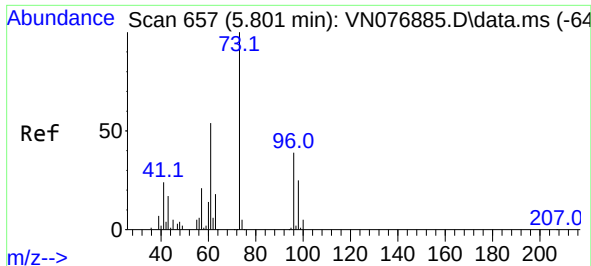


#18
 Methylene Chloride
 Concen: 91.300 ug/l
 RT: 5.290 min Scan# 570
 Delta R.T. -0.006 min
 Lab File: VN076887.D
 Acq: 08 Mar 2023 19:35



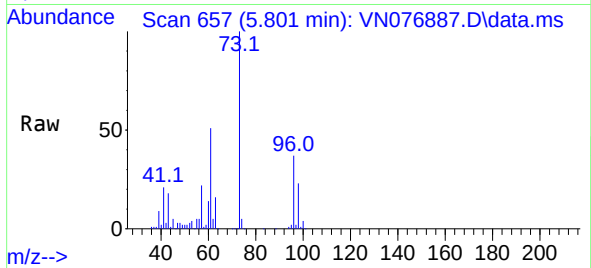
Tgt Ion: 84 Resp: 550975
 Ion Ratio Lower Upper
 84 100
 49 122.3 113.8 170.6
 51 37.3 34.2 51.4
 86 66.2 48.9 73.3





#19
trans-1,2-Dichloroethene
Concen: 96.793 ug/l
RT: 5.801 min Scan# 614
Delta R.T. 0.000 min
Lab File: VN076887.D
Acq: 08 Mar 2023 19:35

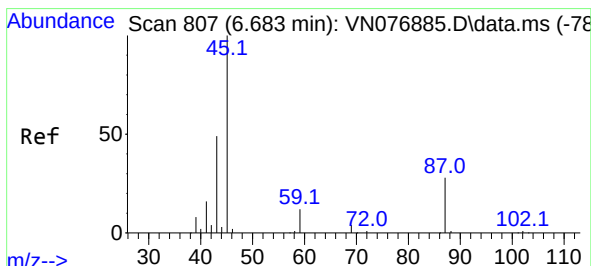
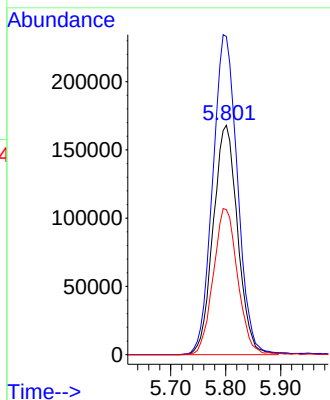
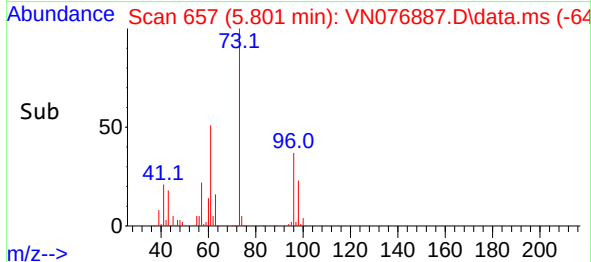
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



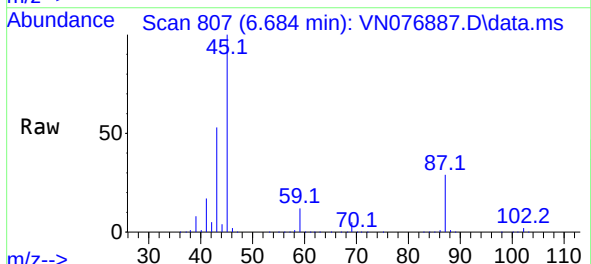
Tgt Ion: 96 Resp: 51984
Ion Ratio Lower Upper
96 100
61 138.6 111.0 166.4
98 63.2 55.0 82.6

Manual Integrations
APPROVED

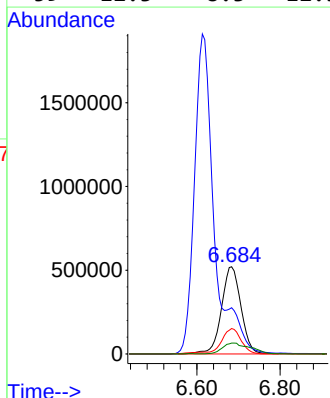
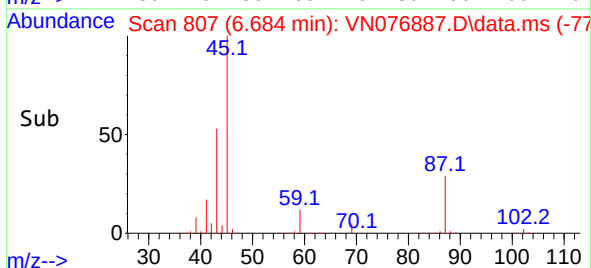
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

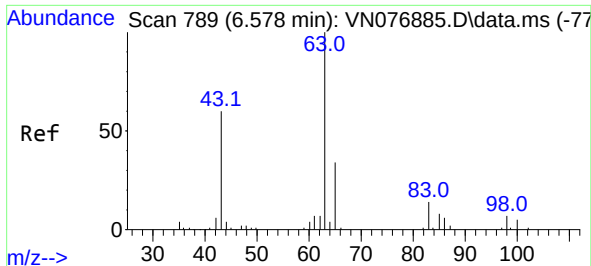


#20
Diisopropyl ether
Concen: 86.198 ug/l
RT: 6.684 min Scan# 807
Delta R.T. -0.006 min
Lab File: VN076887.D
Acq: 08 Mar 2023 19:35



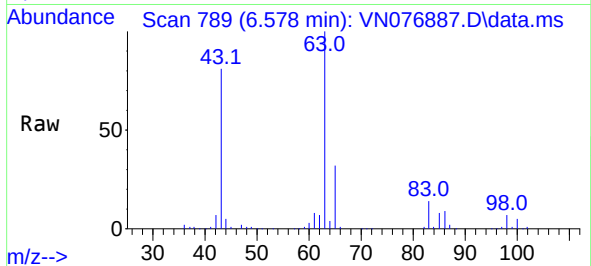
Tgt Ion: 45 Resp: 1696768
Ion Ratio Lower Upper
45 100
43 52.1 38.6 58.0
87 29.0 20.1 30.1
59 12.3 8.3 12.5





#21
1,1-Dichloroethane
Concen: 93.756 ug/l
RT: 6.578 min Scan# 789
Delta R.T. 0.000 min
Lab File: VN076887.D
Acq: 08 Mar 2023 19:35

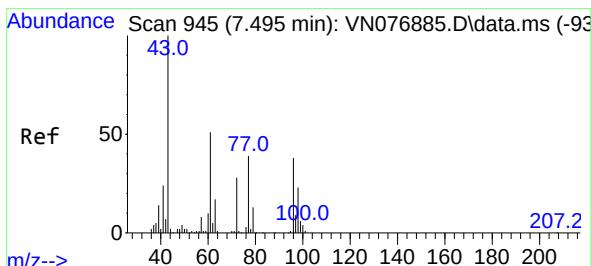
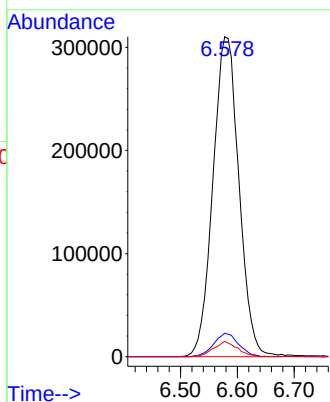
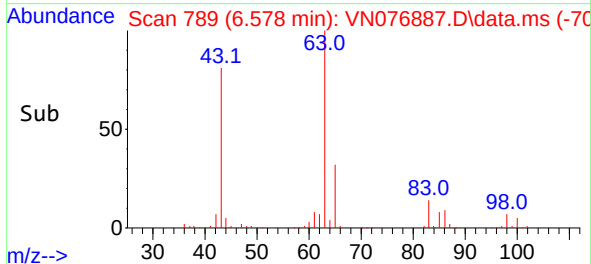
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



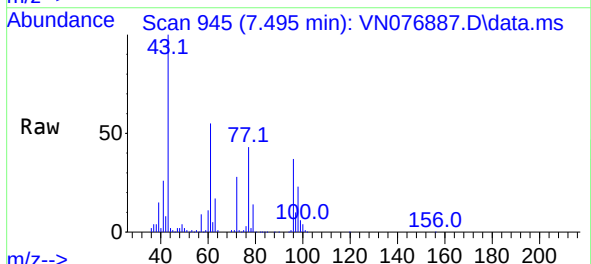
Tgt Ion: 63 Resp: 985350
Ion Ratio Lower Upper
63 100
98 7.3 3.6 10.9
100 4.8 2.6 7.8

Manual Integrations
APPROVED

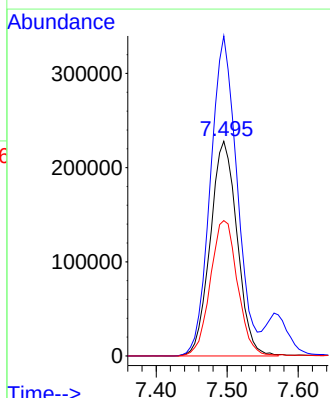
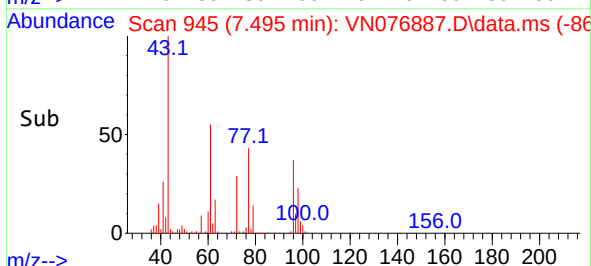
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

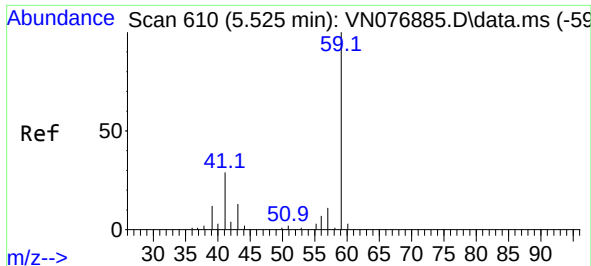


#22
cis-1,2-Dichloroethene
Concen: 98.190 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.000 min
Lab File: VN076887.D
Acq: 08 Mar 2023 19:35



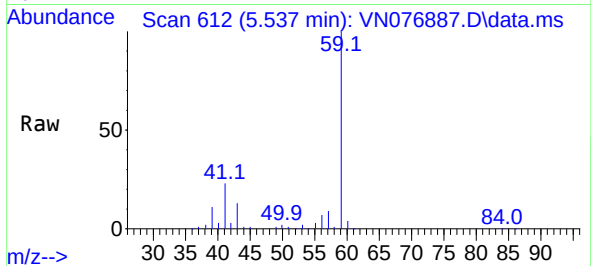
Tgt Ion: 96 Resp: 600398
Ion Ratio Lower Upper
96 100
61 146.9 121.0 181.4
98 63.8 50.1 75.1





#23
tert-Butyl Alcohol
Concen: 433.910 ug/l
RT: 5.537 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN076887.D
Acq: 08 Mar 2023 19:35

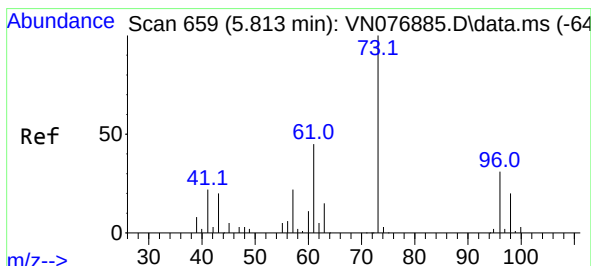
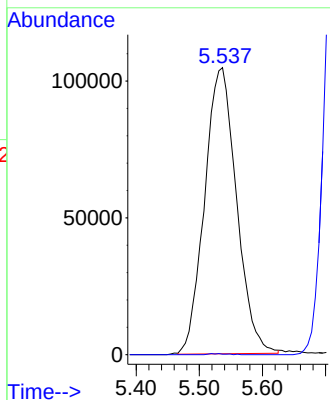
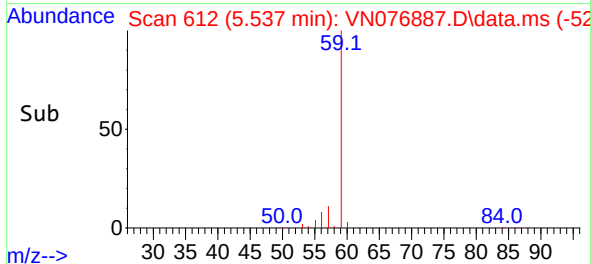
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



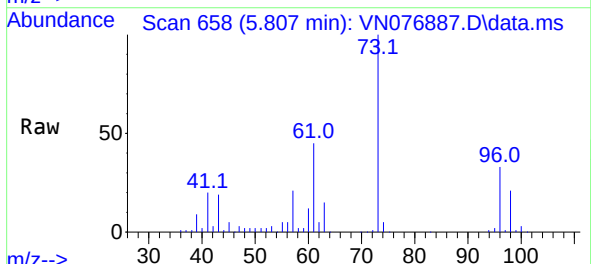
Tgt Ion: 59 Resp: 367670
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.2

Manual Integrations
APPROVED

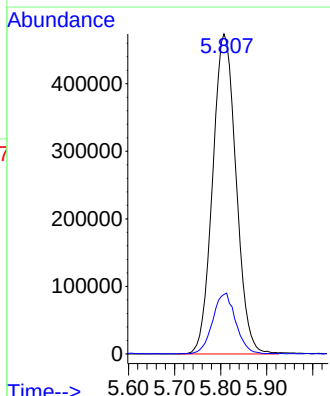
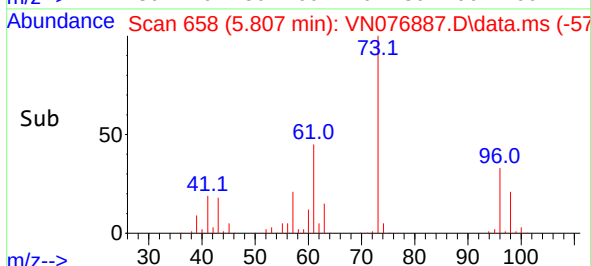
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

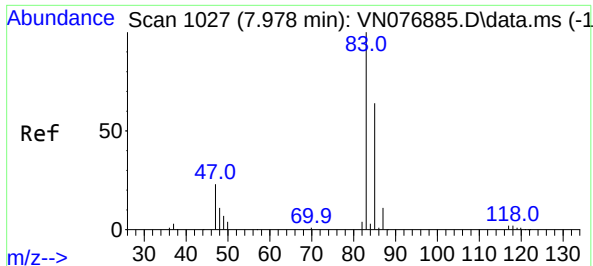


#24
Methyl tert-Butyl Ether
Concen: 100.774 ug/l
RT: 5.807 min Scan# 658
Delta R.T. 0.000 min
Lab File: VN076887.D
Acq: 08 Mar 2023 19:35



Tgt Ion: 73 Resp: 1674145
Ion Ratio Lower Upper
73 100
43 18.6 17.8 26.6





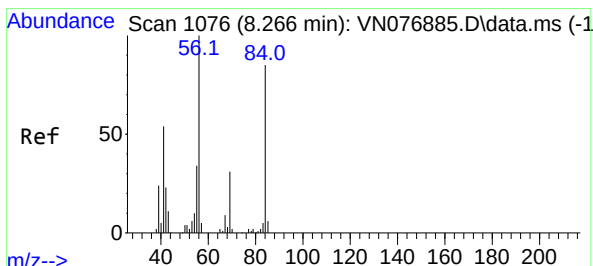
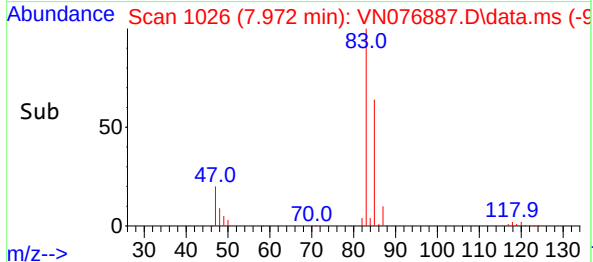
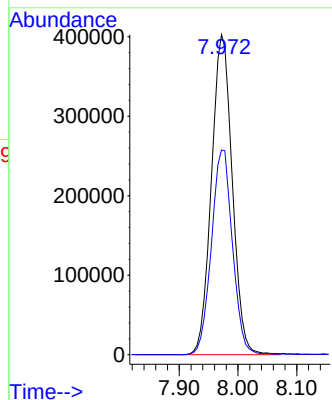
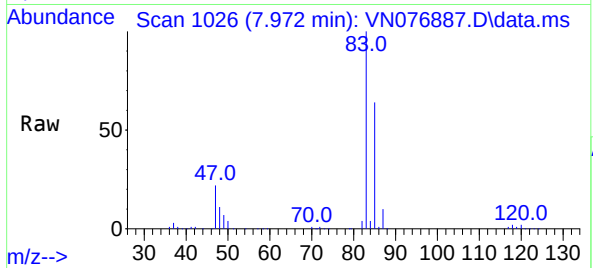
#25
Chloroform
Concen: 96.028 ug/l
RT: 7.972 min Scan# 1026
Delta R.T. 0.000 min
Lab File: VN076887.D
Acq: 08 Mar 2023 19:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 83 Resp: 989820
Ion Ratio Lower Upper
83 100
85 63.9 51.8 77.6

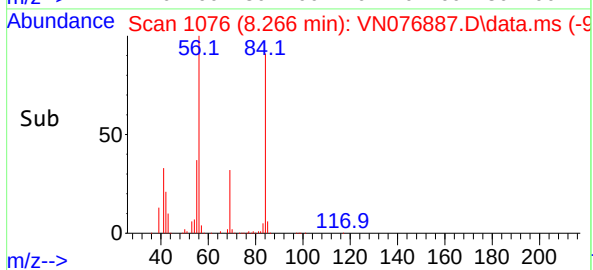
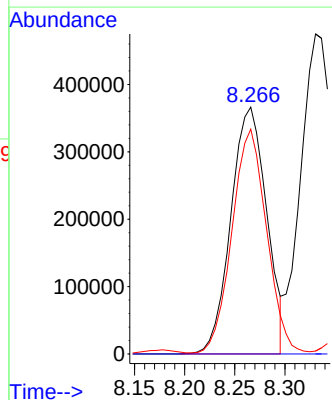
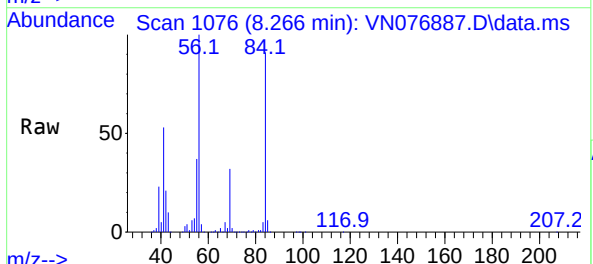
Manual Integrations
APPROVED

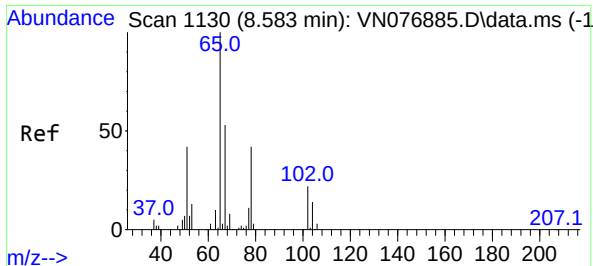
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#26
Cyclohexane
Concen: 95.970 ug/l
RT: 8.266 min Scan# 1076
Delta R.T. 0.000 min
Lab File: VN076887.D
Acq: 08 Mar 2023 19:35

Tgt Ion: 56 Resp: 908071
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 88.7 65.3 97.9





#27
1,2-Dichloroethane-d4
Concen: 30.118 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN076887.D
Acq: 08 Mar 2023 19:35

Instrument :

MSVOA_N

ClientSampleId :

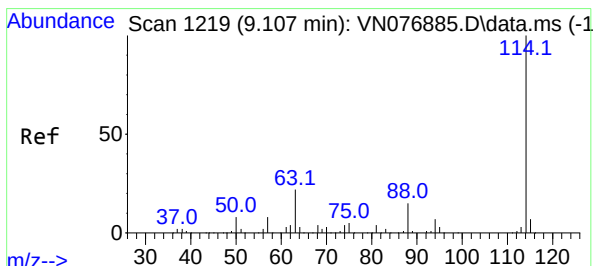
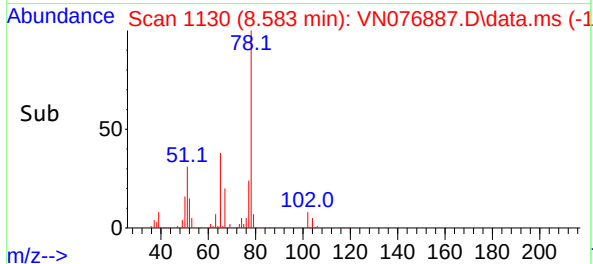
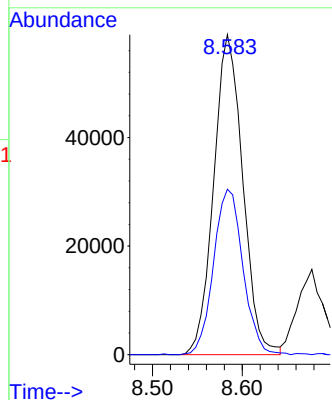
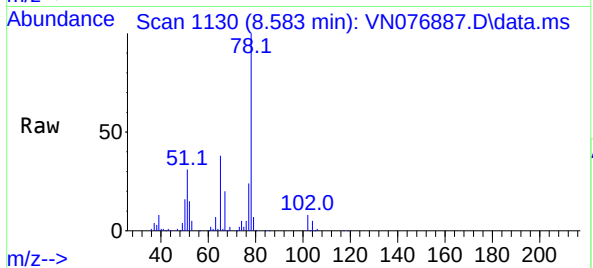
VSTDICC100

Tgt Ion: 65 Resp: 132674
Ion Ratio Lower Upper
65 100
67 52.2 40.9 61.3

Manual Integrations

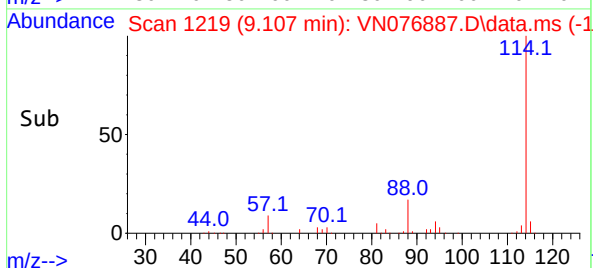
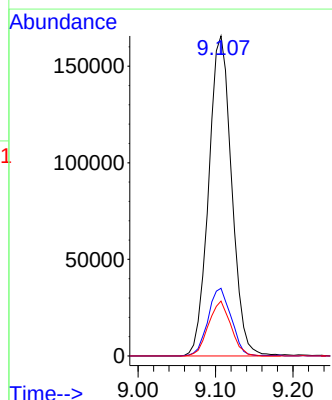
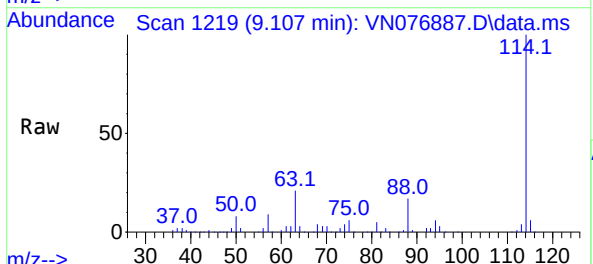
APPROVED

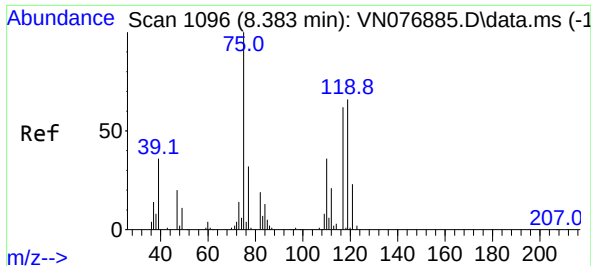
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VN076887.D
Acq: 08 Mar 2023 19:35

Tgt Ion:114 Resp: 341412
Ion Ratio Lower Upper
114 100
63 21.3 17.0 25.4
88 16.7 11.6 17.4





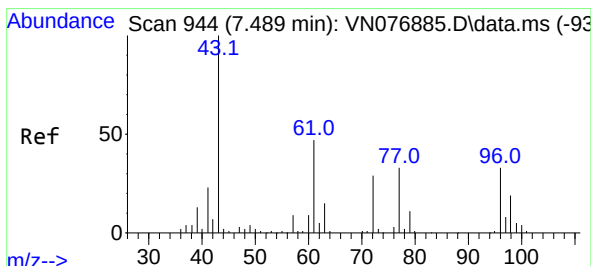
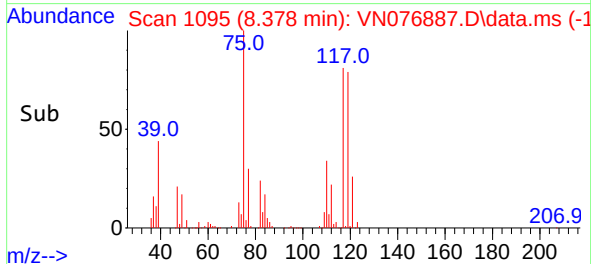
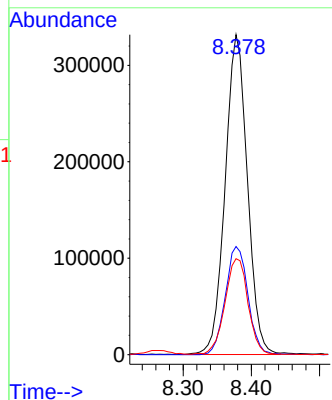
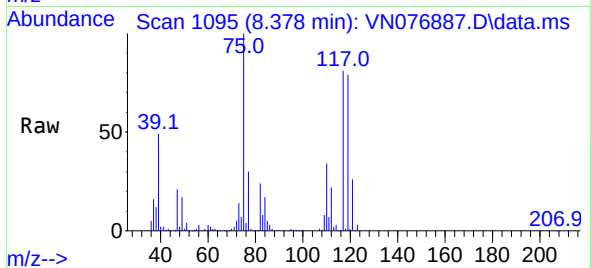
#29
1,1-Dichloropropene
Concen: 96.531 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. 0.000 min
Lab File: VN076887.D
Acq: 08 Mar 2023 19:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 75 Resp: 75269
Ion Ratio Lower Upper
75 100
110 34.4 0.0 67.2
77 30.7 0.0 64.4

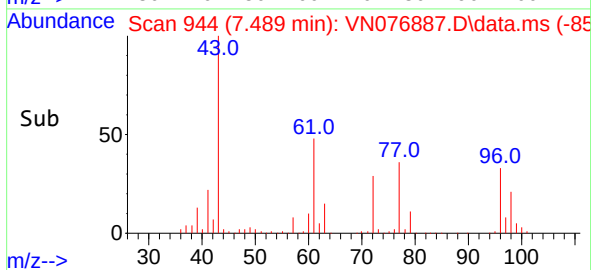
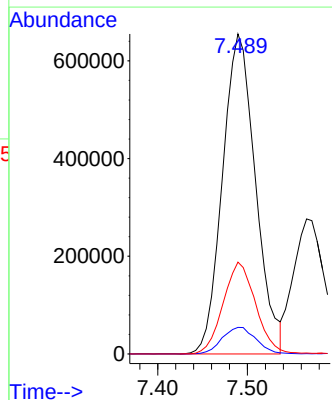
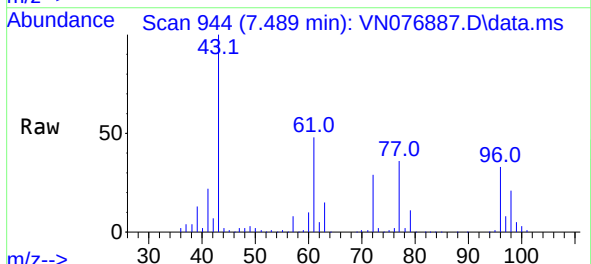
Manual Integrations
APPROVED

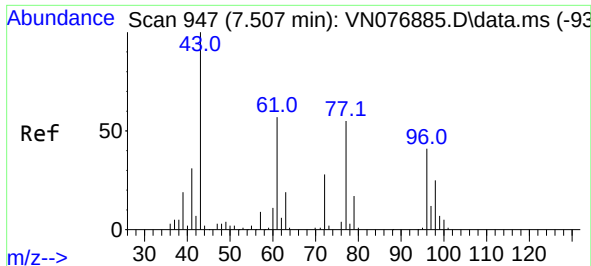
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#30
2-Butanone
Concen: 386.307 ug/l
RT: 7.489 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN076887.D
Acq: 08 Mar 2023 19:35

Tgt Ion: 43 Resp: 1674567
Ion Ratio Lower Upper
43 100
57 8.6 6.1 9.1
72 28.3 20.2 30.4





#31

2,2-Dichloropropane

Concen: 94.948 ug/l

RT: 7.501 min Scan# 94

Delta R.T. -0.000 min

Lab File: VN076887.D

Acq: 08 Mar 2023 19:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 77 Resp: 771029

Ion Ratio Lower Upper

77 100

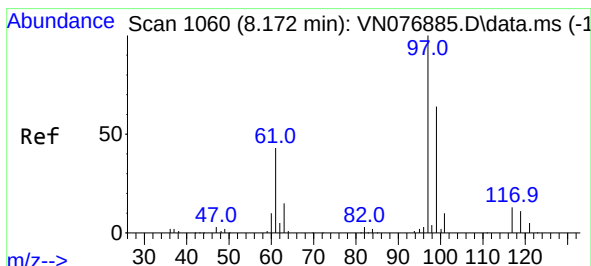
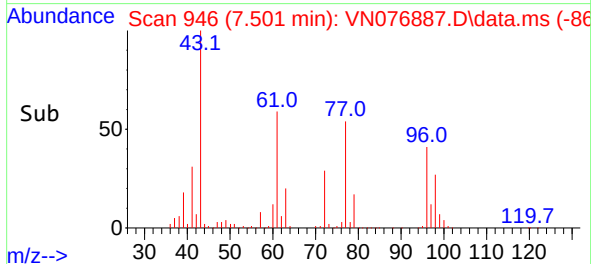
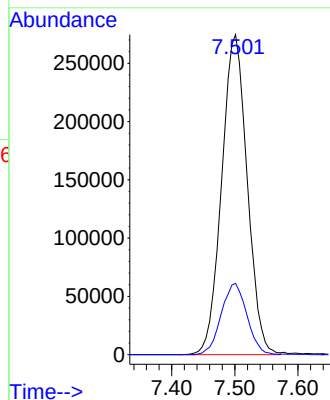
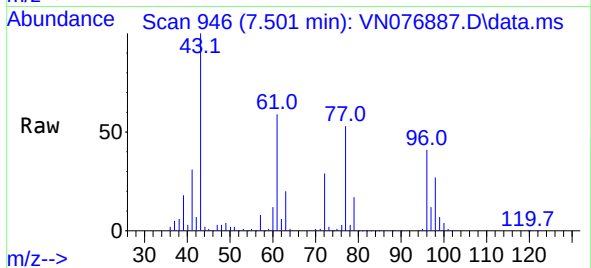
97 22.4 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/09/2023

Supervised By :Mahesh Dadoda 03/09/2023



#32

1,1,1-Trichloroethane

Concen: 97.157 ug/l

RT: 8.178 min Scan# 1061

Delta R.T. 0.000 min

Lab File: VN076887.D

Acq: 08 Mar 2023 19:35

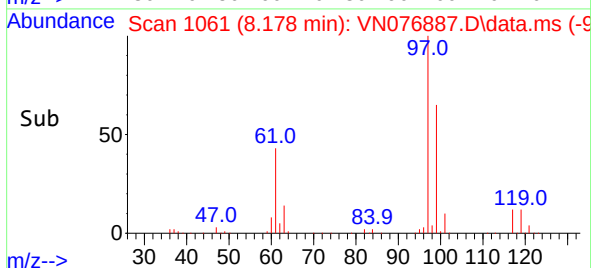
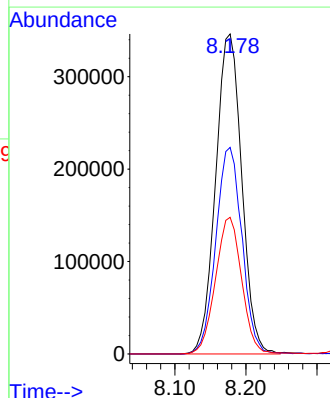
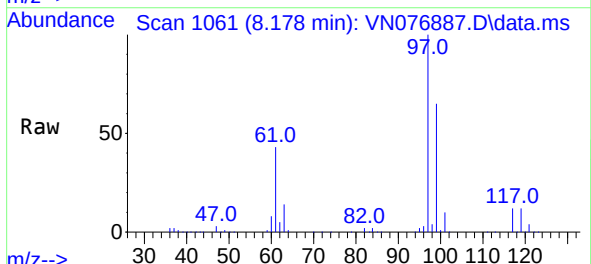
Tgt Ion: 97 Resp: 883559

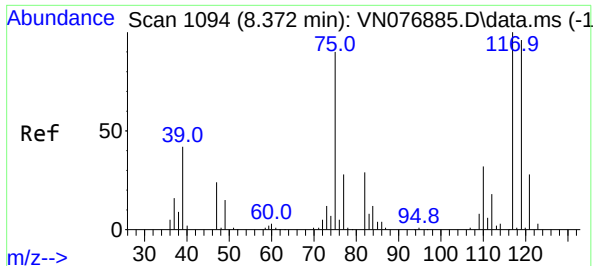
Ion Ratio Lower Upper

97 100

99 64.6 51.8 77.8

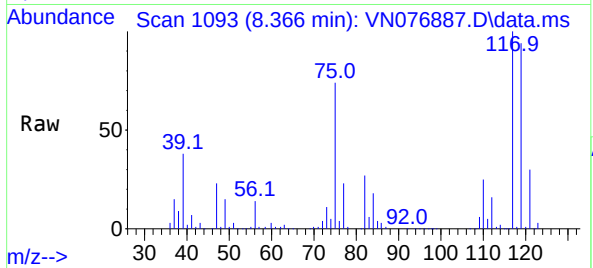
61 42.8 39.3 58.9





#33
Carbon Tetrachloride
Concen: 97.508 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.006 min
Lab File: VN076887.D
Acq: 08 Mar 2023 19:35

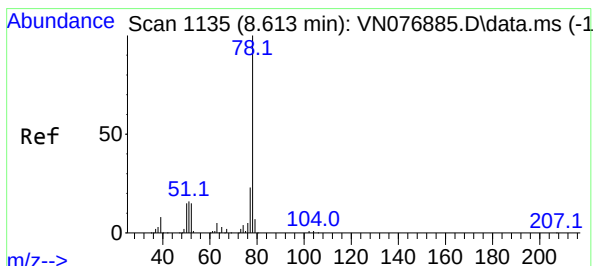
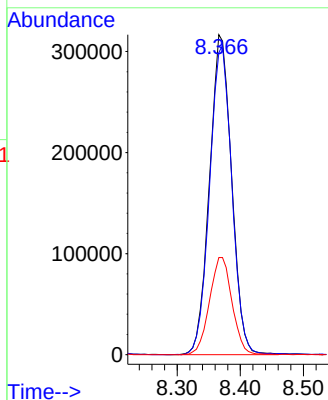
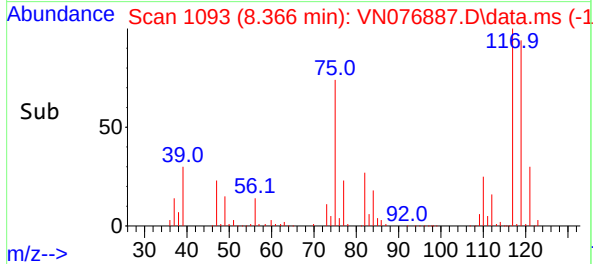
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



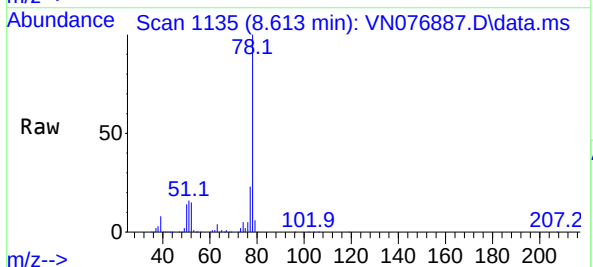
Tgt Ion:117 Resp: 77068
Ion Ratio Lower Upper
117 100
119 94.3 79.8 119.8
121 30.3 23.4 35.0

Manual Integrations
APPROVED

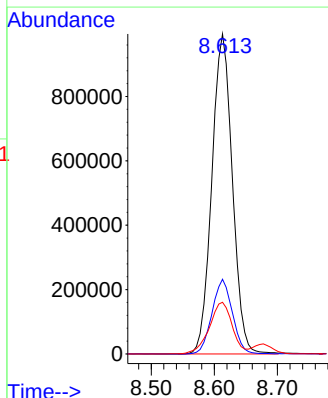
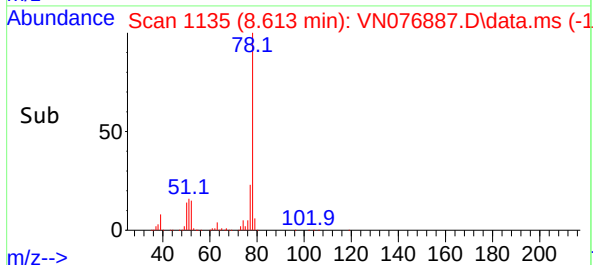
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

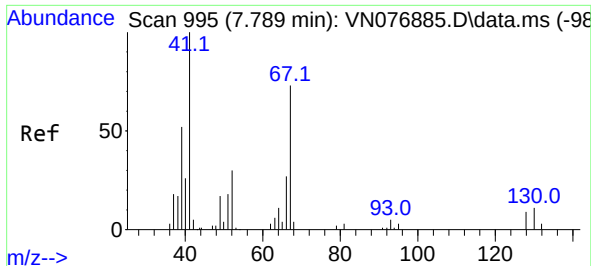


#34
Benzene
Concen: 90.626 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. 0.000 min
Lab File: VN076887.D
Acq: 08 Mar 2023 19:35



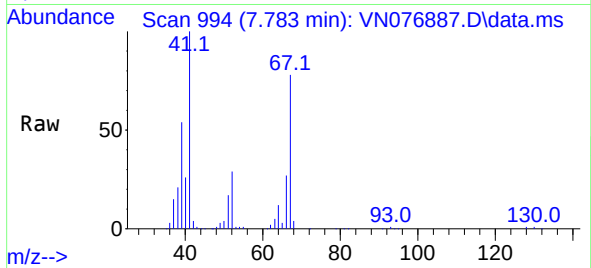
Tgt Ion: 78 Resp: 2247751
Ion Ratio Lower Upper
78 100
77 23.3 17.4 26.2
51 16.1 13.8 20.6





#35
Methacrylonitrile
Concen: 82.199 ug/l
RT: 7.783 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN076887.D
Acq: 08 Mar 2023 19:35

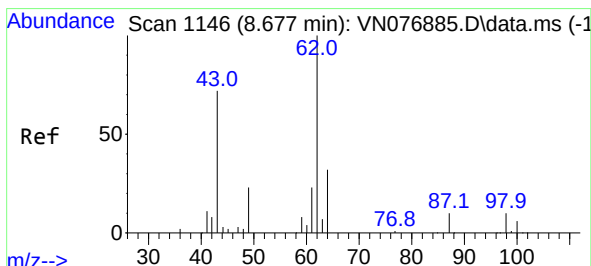
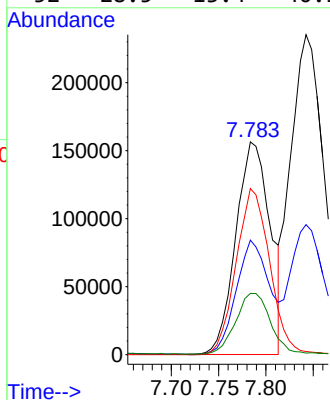
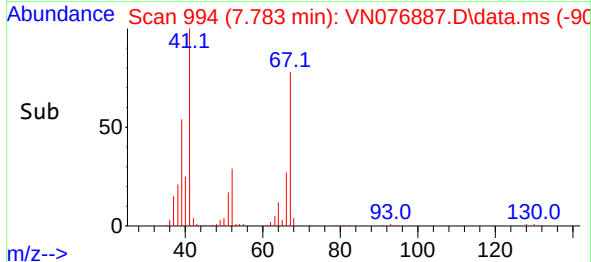
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



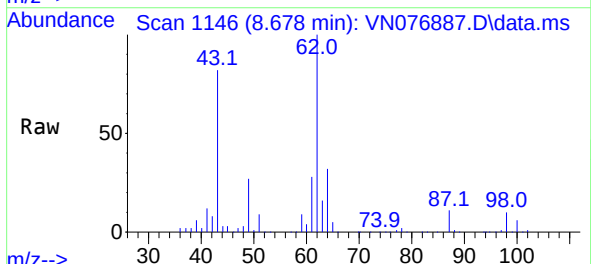
Tgt Ion: 41 Resp: 395450
Ion Ratio Lower Upper
41 100
39 53.6 26.6 79.7
67 78.1 32.3 96.9
52 28.5 13.4 40.1

Manual Integrations
APPROVED

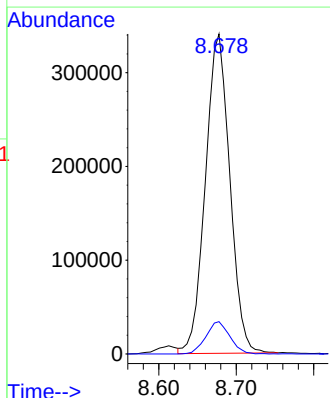
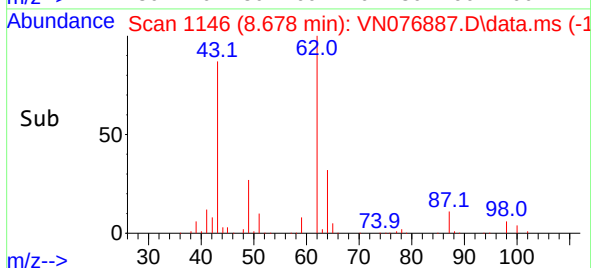
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

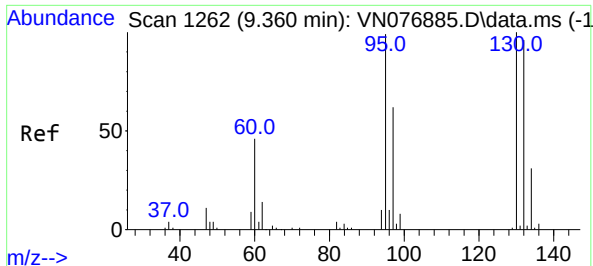


#36
1,2-Dichloroethane
Concen: 89.782 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN076887.D
Acq: 08 Mar 2023 19:35



Tgt Ion: 62 Resp: 745703
Ion Ratio Lower Upper
62 100
98 9.9 7.4 11.0





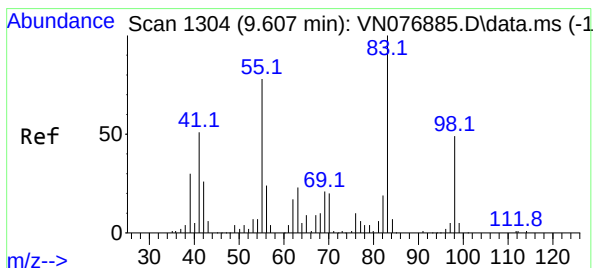
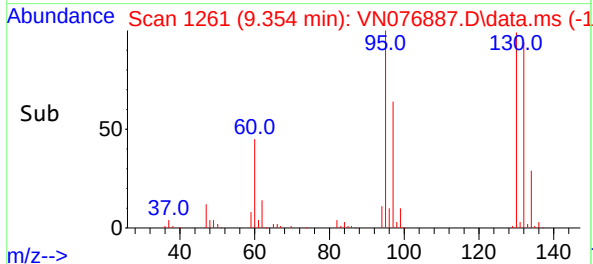
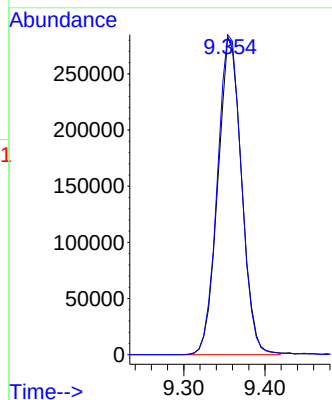
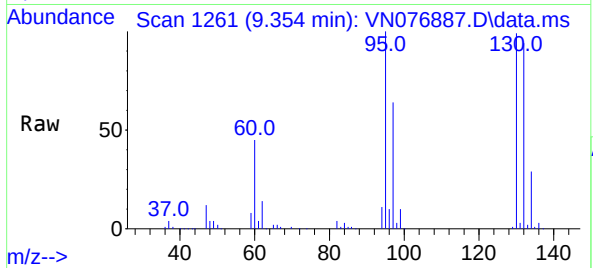
#37
Trichloroethene
Concen: 98.430 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VN076887.D
Acq: 08 Mar 2023 19:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:130 Resp: 573579
Ion Ratio Lower Upper
130 100
95 100.7 78.7 118.1

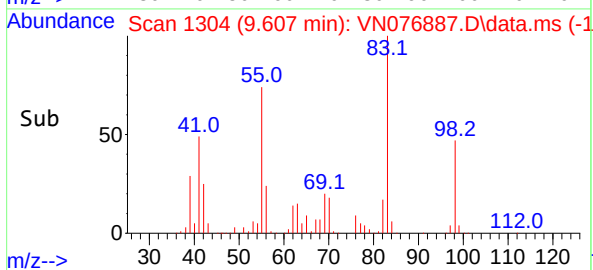
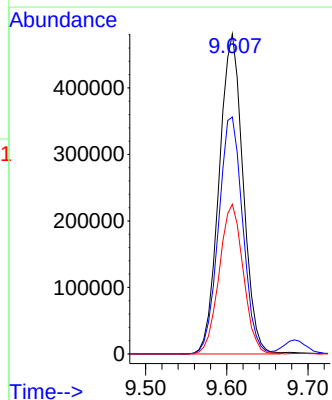
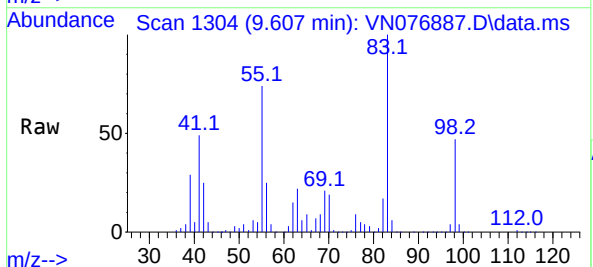
Manual Integrations
APPROVED

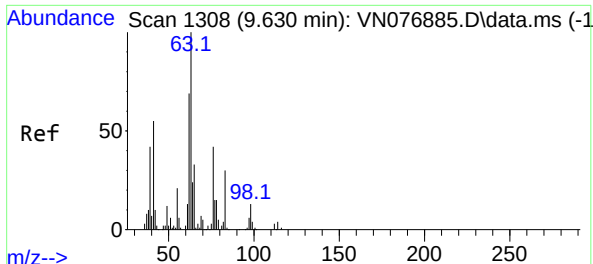
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#38
Methylcyclohexane
Concen: 99.515 ug/l
RT: 9.607 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VN076887.D
Acq: 08 Mar 2023 19:35

Tgt Ion: 83 Resp: 983958
Ion Ratio Lower Upper
83 100
55 75.1 37.6 112.9
98 47.0 24.1 72.4





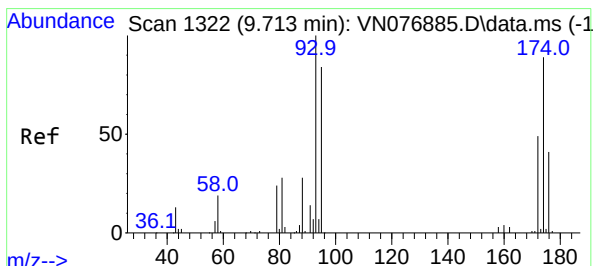
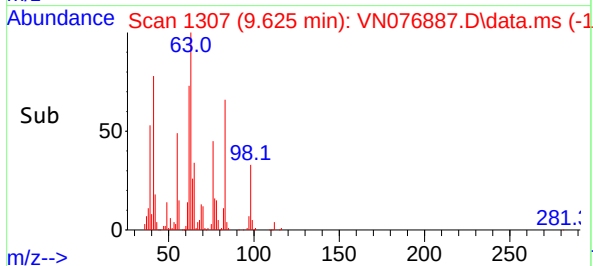
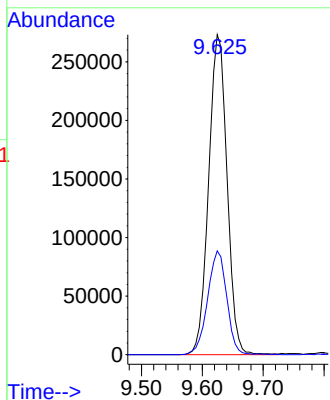
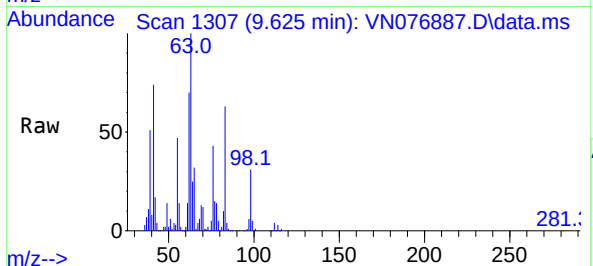
#39
1,2-Dichloropropane
Concen: 89.214 ug/l
RT: 9.625 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VN076887.D
Acq: 08 Mar 2023 19:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 63 Resp: 573204
Ion Ratio Lower Upper
63 100
65 32.5 27.2 40.8

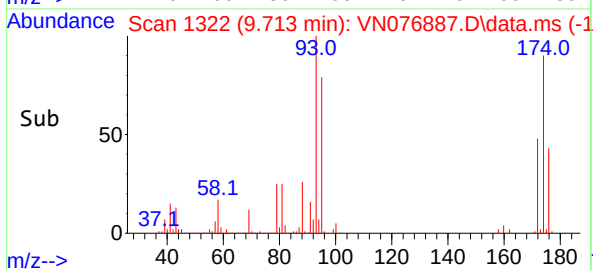
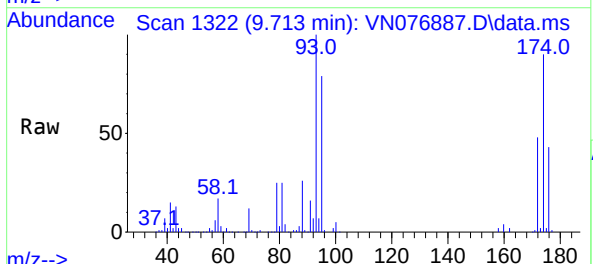
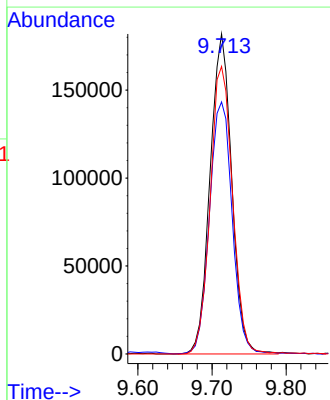
Manual Integrations
APPROVED

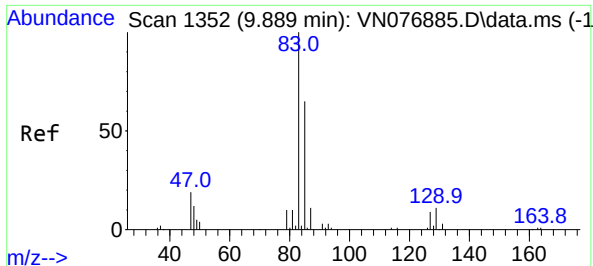
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#40
Dibromomethane
Concen: 90.176 ug/l
RT: 9.713 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VN076887.D
Acq: 08 Mar 2023 19:35

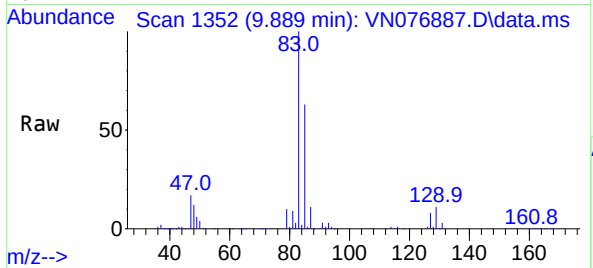
Tgt Ion: 93 Resp: 369178
Ion Ratio Lower Upper
93 100
95 82.7 0.0 158.0
174 92.9 0.0 171.2





#41
Bromodichloromethane
Concen: 95.371 ug/l
RT: 9.889 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076887.D
Acq: 08 Mar 2023 19:35

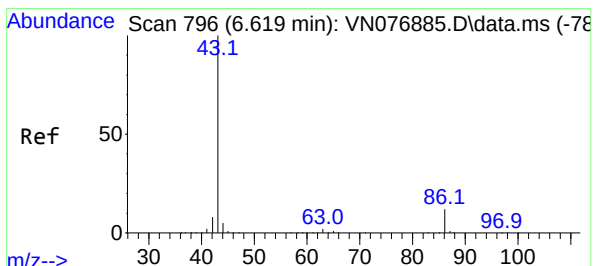
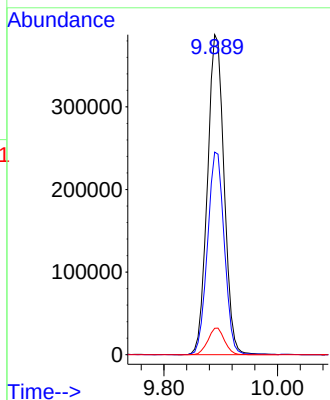
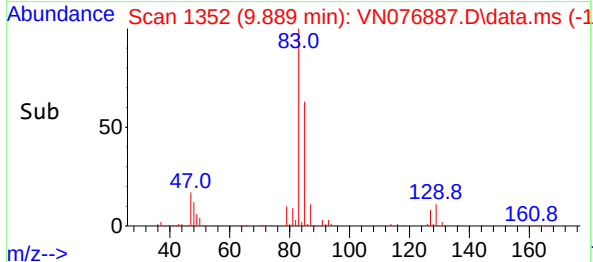
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



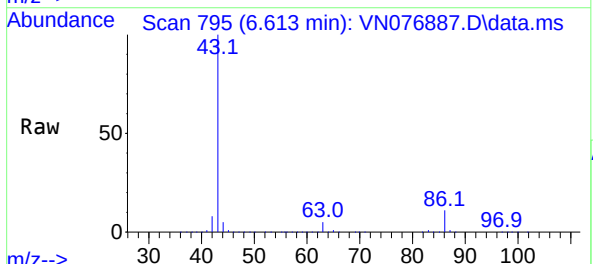
Tgt Ion: 83 Resp: 78580
Ion Ratio Lower Upper
83 100
85 63.3 51.0 76.4
127 8.3 6.2 9.2

Manual Integrations
APPROVED

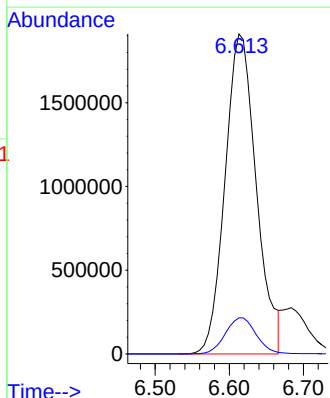
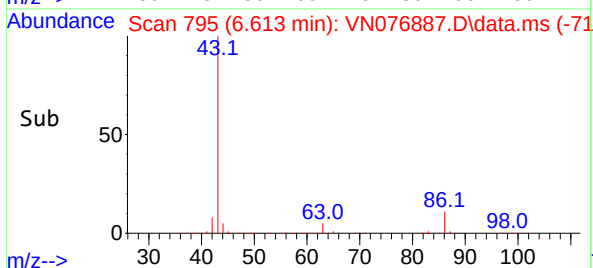
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

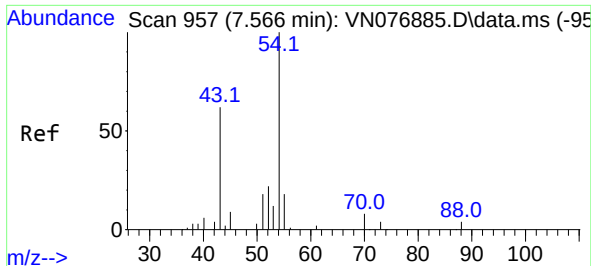


#42
Vinyl Acetate
Concen: 436.676 ug/l
RT: 6.613 min Scan# 795
Delta R.T. 0.000 min
Lab File: VN076887.D
Acq: 08 Mar 2023 19:35



Tgt Ion: 43 Resp: 5596019
Ion Ratio Lower Upper
43 100
86 11.2 7.8 11.6





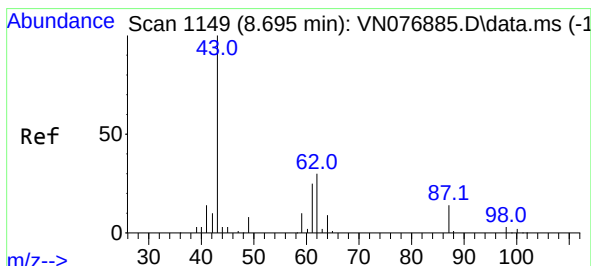
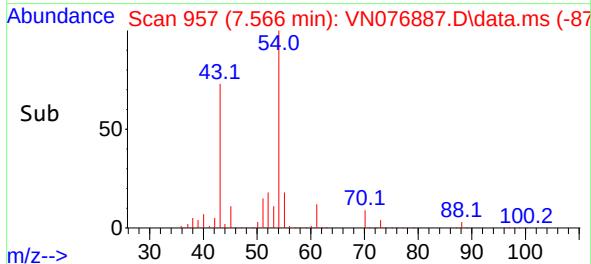
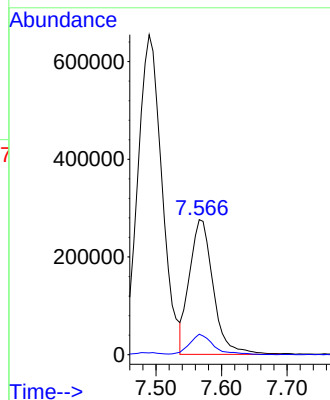
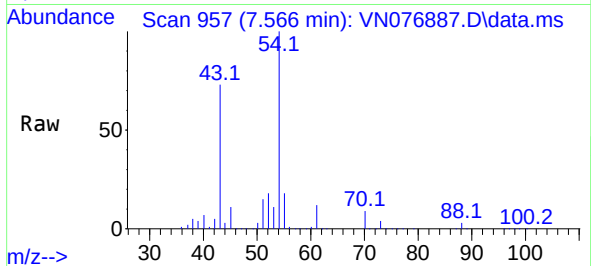
#43
Ethyl Acetate
Concen: 83.064 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN076887.D
Acq: 08 Mar 2023 19:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 694092
Ion Ratio Lower Upper
43 100
45 15.5 11.2 16.8

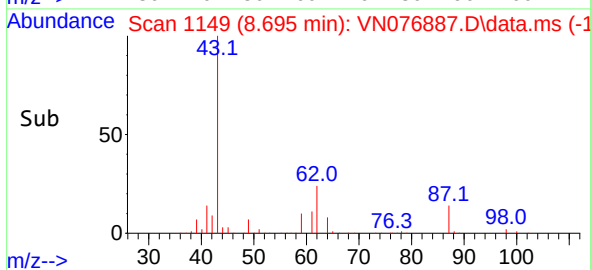
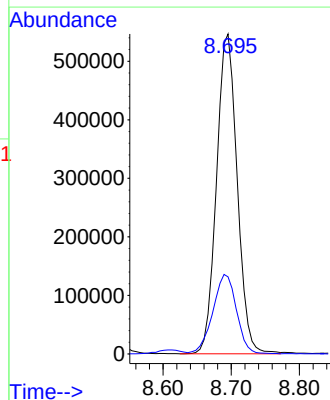
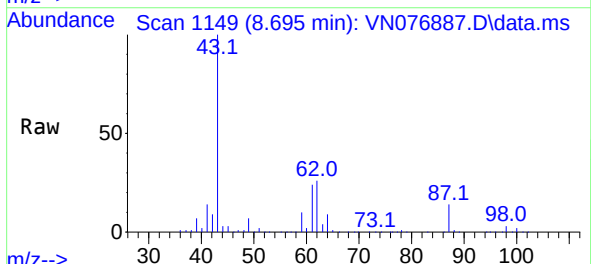
Manual Integrations
APPROVED

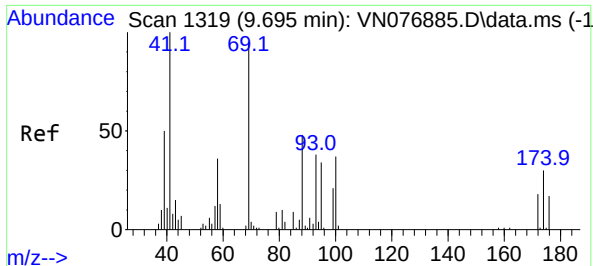
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#44
Isopropyl Acetate
Concen: 83.432 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN076887.D
Acq: 08 Mar 2023 19:35

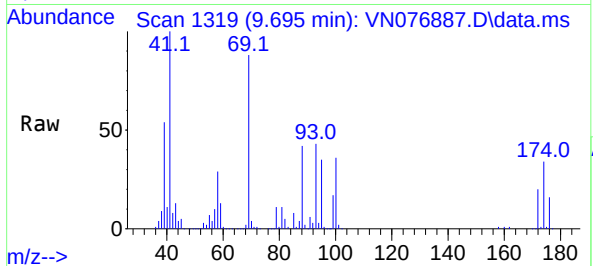
Tgt Ion: 43 Resp: 1154034
Ion Ratio Lower Upper
43 100
61 28.5 19.5 29.3





#45
1,4-Dioxane
Concen: 1555.490 ug/l
RT: 9.695 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN076887.D
Acq: 08 Mar 2023 19:35

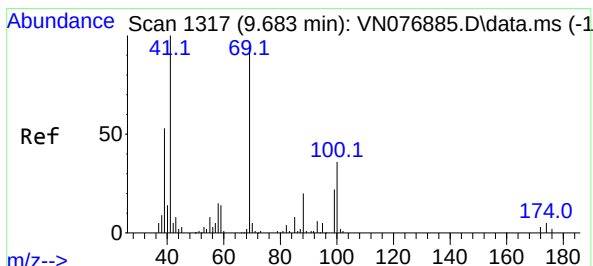
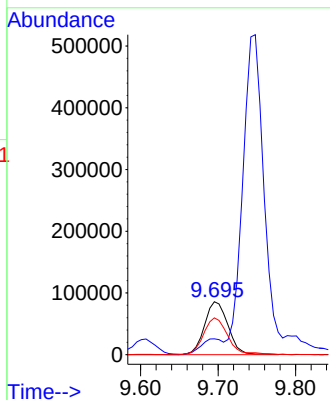
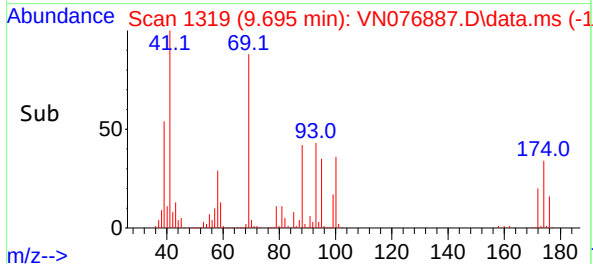
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



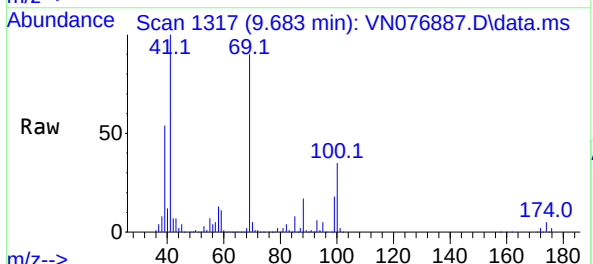
Tgt Ion: 88 Resp: 180740
Ion Ratio Lower Upper
88 100
43 27.1 26.0 39.0
58 69.3 54.3 81.5

Manual Integrations
APPROVED

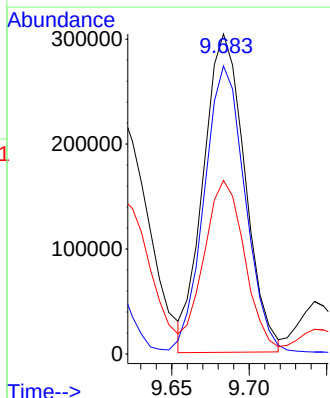
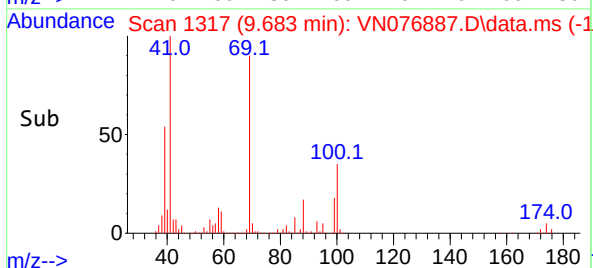
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

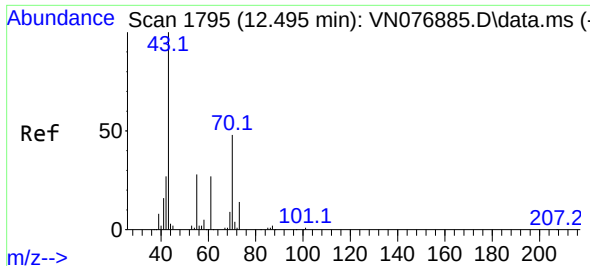


#46
Methyl methacrylate
Concen: 88.469 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN076887.D
Acq: 08 Mar 2023 19:35



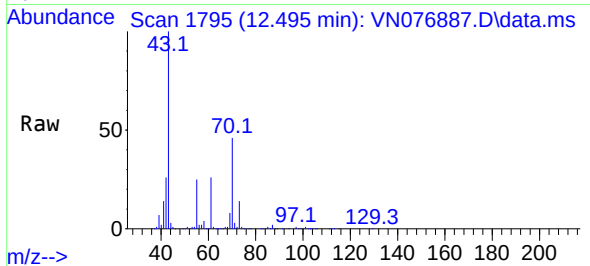
Tgt Ion: 41 Resp: 564135
Ion Ratio Lower Upper
41 100
69 91.4 40.6 121.7
39 54.4 30.5 91.5





#47
n-amyl acetate
Concen: 83.836 ug/l
RT: 12.495 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076887.D
Acq: 08 Mar 2023 19:35

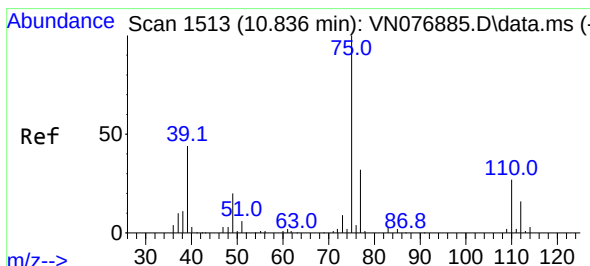
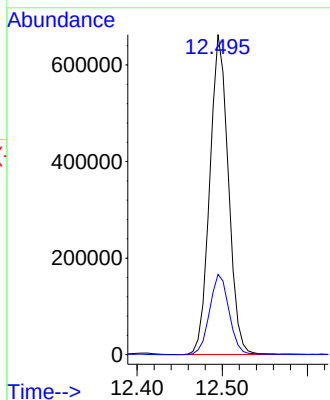
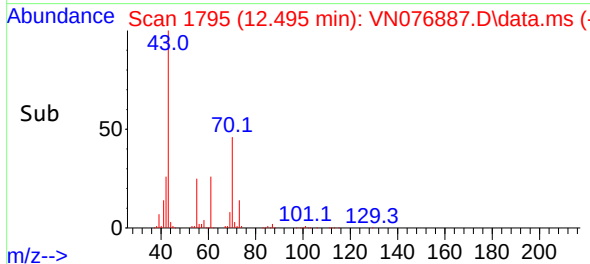
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 1003070
Ion Ratio Lower Upper
43 100
55 26.3 18.3 27.5

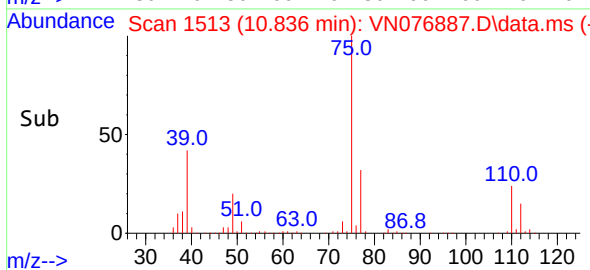
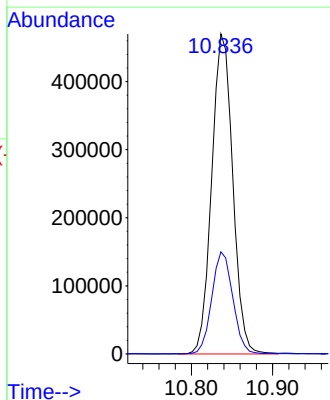
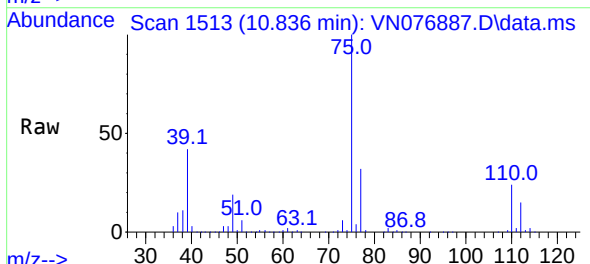
Manual Integrations
APPROVED

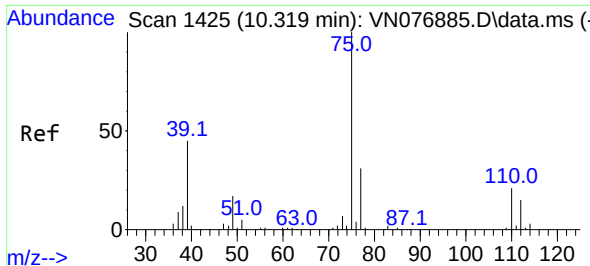
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#48
t-1,3-dichloropropene
Concen: 101.806 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. -0.006 min
Lab File: VN076887.D
Acq: 08 Mar 2023 19:35

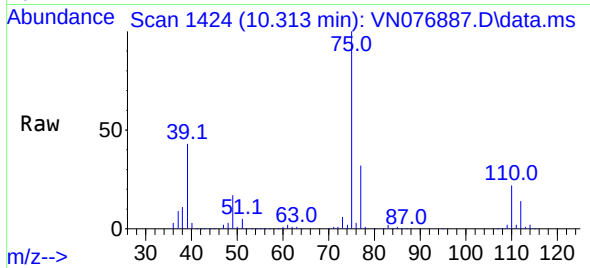
Tgt Ion: 75 Resp: 846579
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.2





#49
cis-1,3-Dichloropropene
Concen: 98.126 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN076887.D
Acq: 08 Mar 2023 19:35

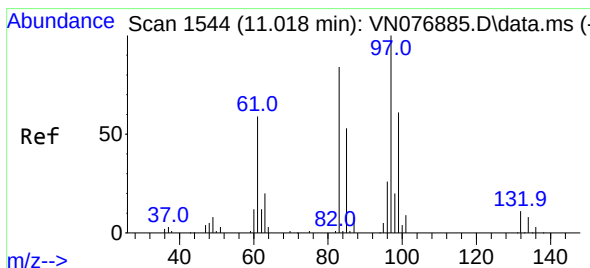
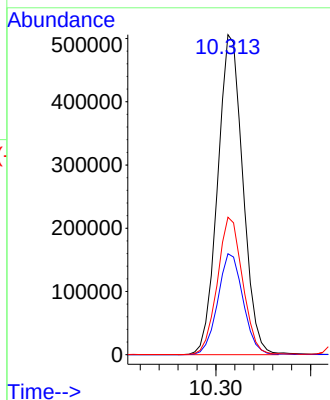
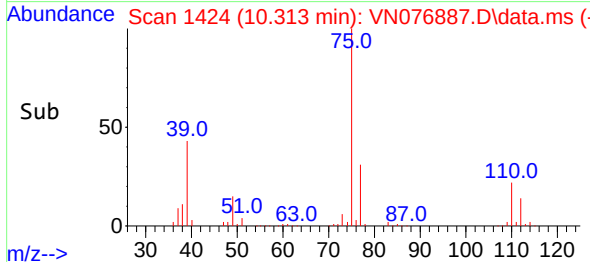
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



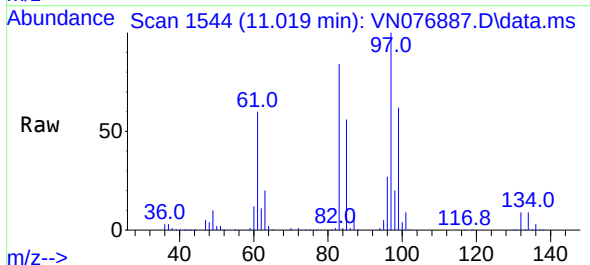
Tgt Ion: 75 Resp: 936111
Ion Ratio Lower Upper
75 100
77 31.6 27.5 41.3
39 42.9 43.5 65.3

Manual Integrations
APPROVED

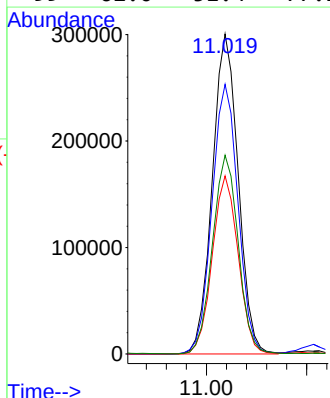
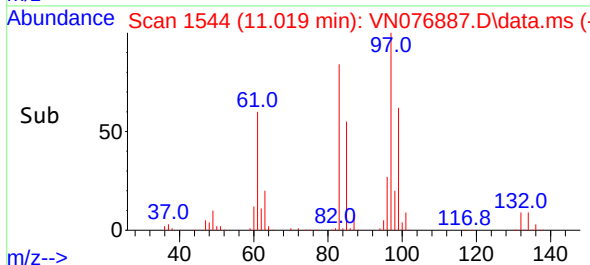
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

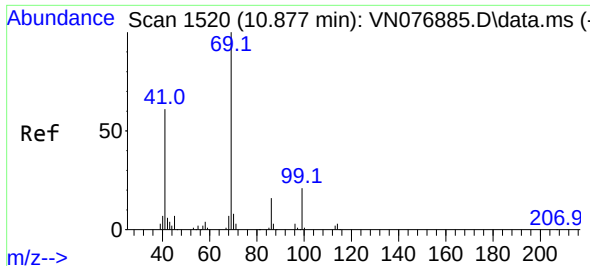


#50
1,1,2-Trichloroethane
Concen: 90.501 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN076887.D
Acq: 08 Mar 2023 19:35



Tgt Ion: 97 Resp: 538948
Ion Ratio Lower Upper
97 100
83 84.1 71.0 106.4
85 55.6 45.5 68.3
99 62.0 51.4 77.2





#51
Ethyl methacrylate
Concen: 102.192 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VN076887.D
Acq: 08 Mar 2023 19:35

Instrument :

MSVOA_N

ClientSampleId :

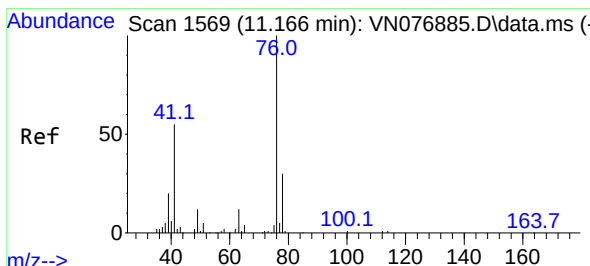
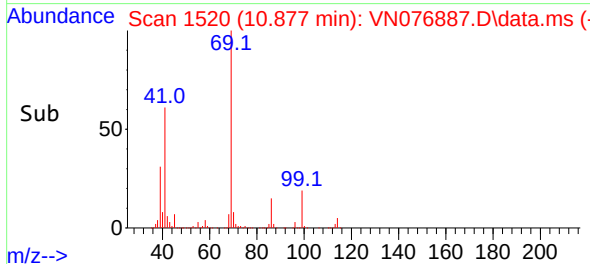
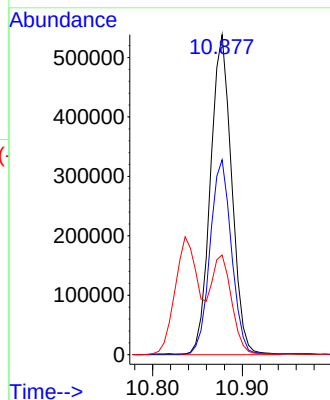
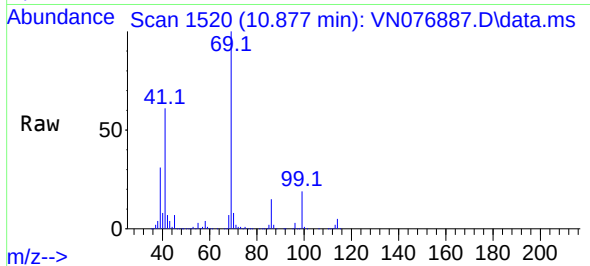
VSTDICC100

Tgt Ion: 69 Resp: 88467
Ion Ratio Lower Upper
69 100
41 60.7 36.3 108.7
39 31.0 19.9 59.7

Manual Integrations

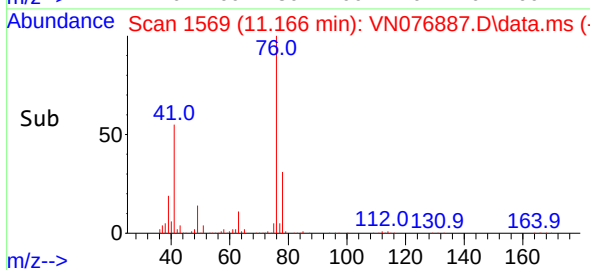
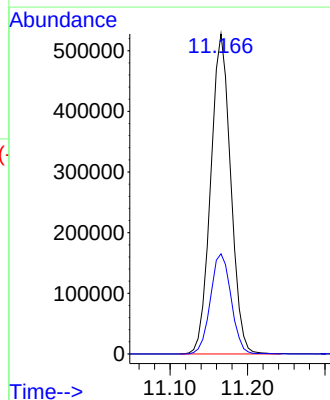
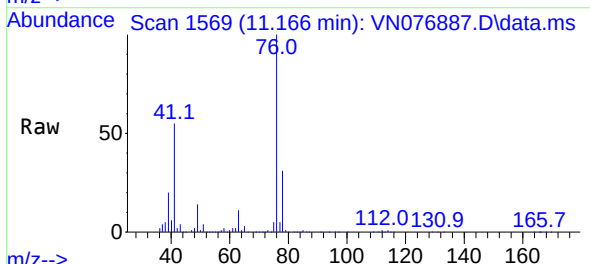
APPROVED

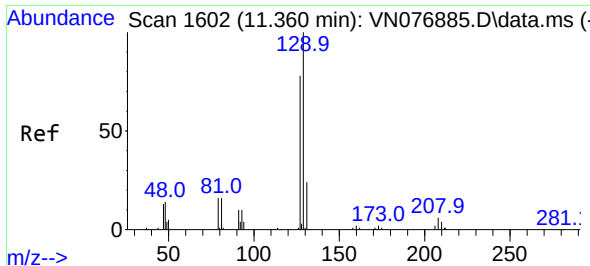
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#52
1,3-Dichloropropane
Concen: 92.360 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN076887.D
Acq: 08 Mar 2023 19:35

Tgt Ion: 76 Resp: 945847
Ion Ratio Lower Upper
76 100
78 32.2 0.0 65.4





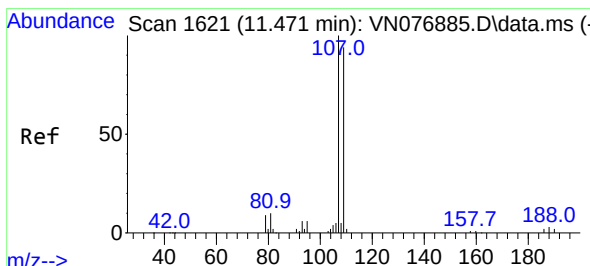
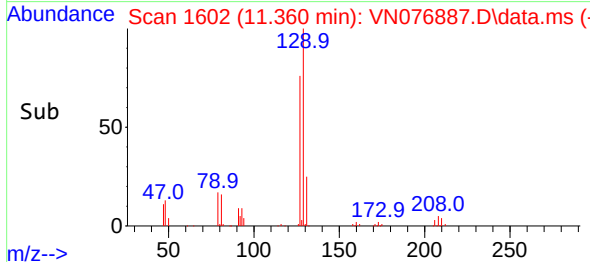
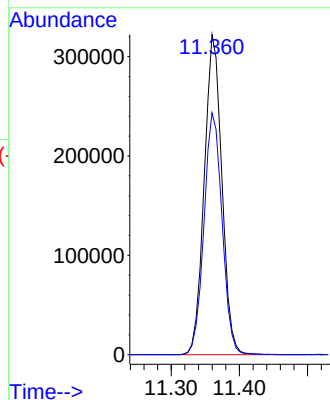
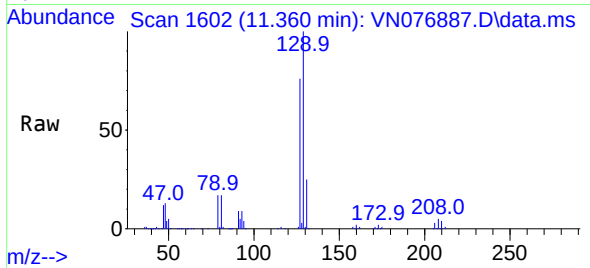
#53
Dibromochloromethane
Concen: 95.463 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VN076887.D
Acq: 08 Mar 2023 19:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:129 Resp: 579224
Ion Ratio Lower Upper
129 100
127 77.7 39.4 118.1

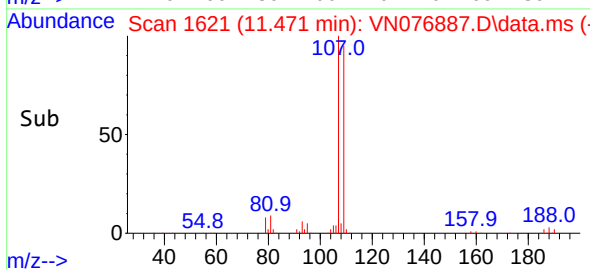
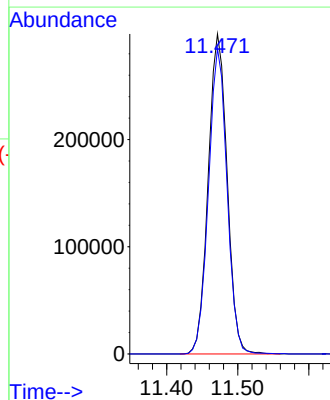
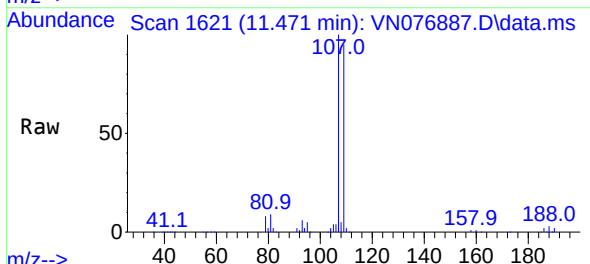
Manual Integrations
APPROVED

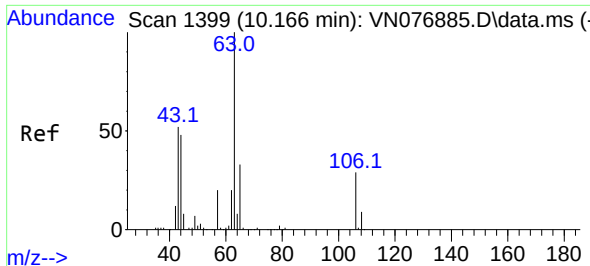
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#54
1,2-Dibromoethane
Concen: 95.720 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VN076887.D
Acq: 08 Mar 2023 19:35

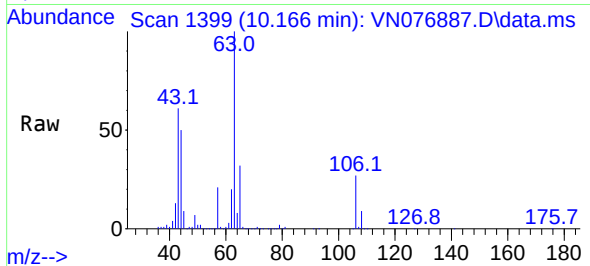
Tgt Ion:107 Resp: 551575
Ion Ratio Lower Upper
107 100
109 93.6 74.6 112.0





#55
2-Chloroethyl vinyl ether
Concen: 489.667 ug/l
RT: 10.166 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VN076887.D
Acq: 08 Mar 2023 19:35

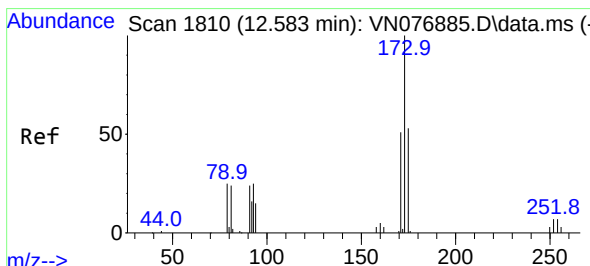
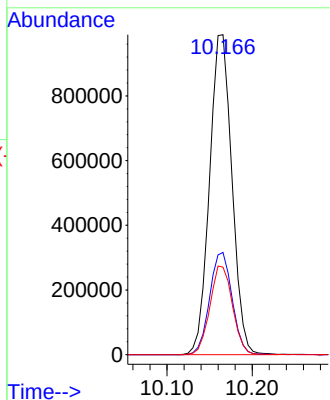
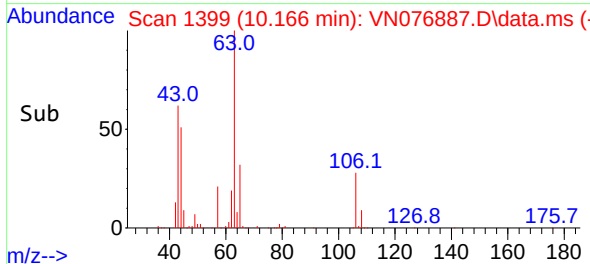
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



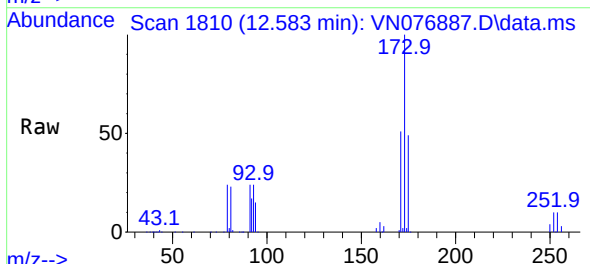
Tgt Ion: 63 Resp: 1809404
Ion Ratio Lower Upper
63 100
65 32.0 26.3 39.5
106 28.0 21.6 32.4

Manual Integrations
APPROVED

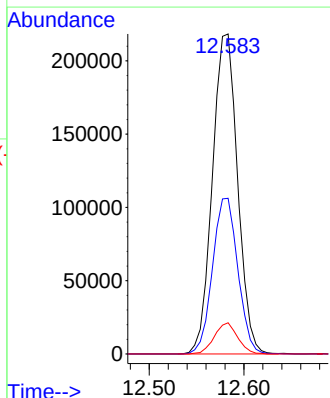
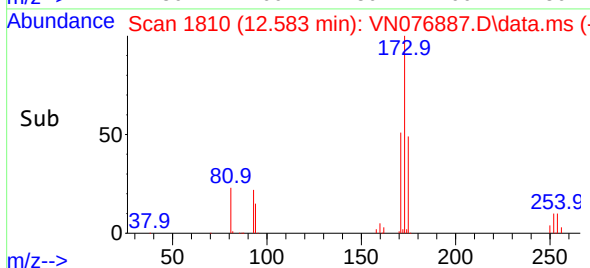
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

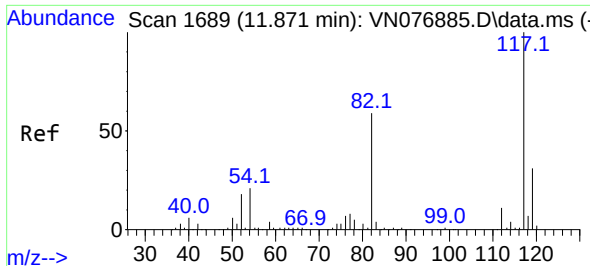


#56
Bromoform
Concen: 97.478 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN076887.D
Acq: 08 Mar 2023 19:35



Tgt Ion:173 Resp: 403887
Ion Ratio Lower Upper
173 100
175 48.9 37.8 56.6
254 9.0 7.3 10.9





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VN076887.D
Acq: 08 Mar 2023 19:35

Instrument :

MSVOA_N

ClientSampleId :

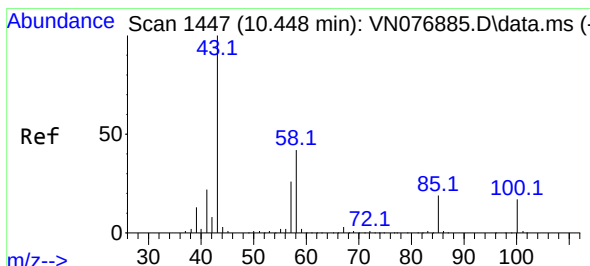
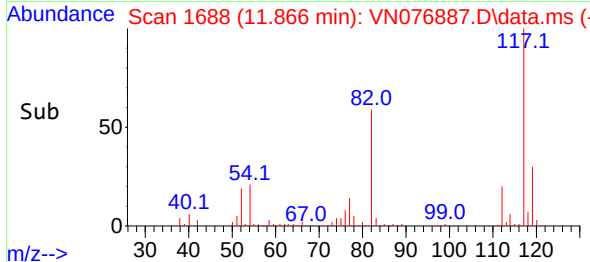
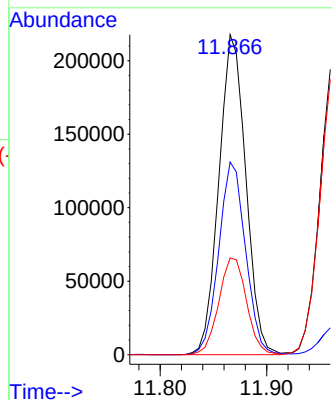
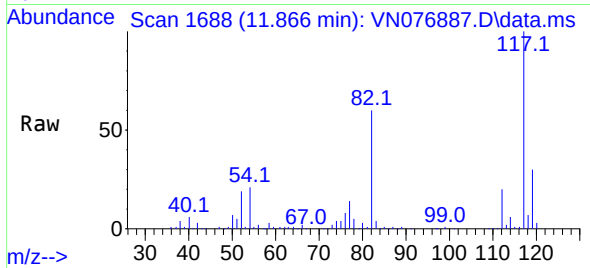
VSTDICC100

Tgt Ion:117 Resp: 382138
Ion Ratio Lower Upper
117 100
82 60.1 45.4 68.0
119 31.1 26.8 40.2

Manual Integrations

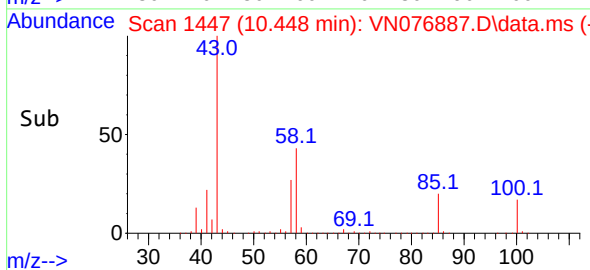
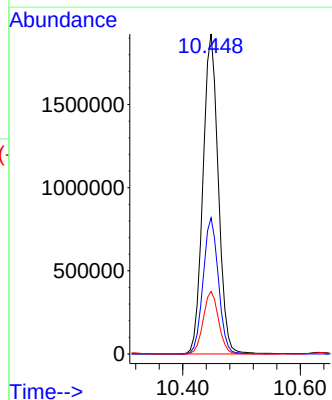
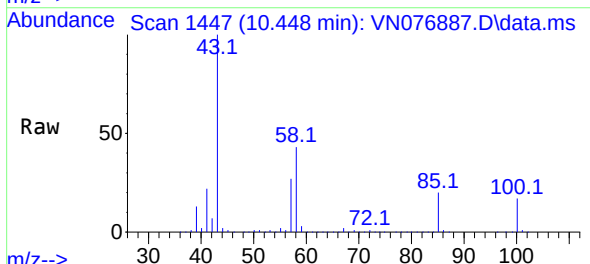
APPROVED

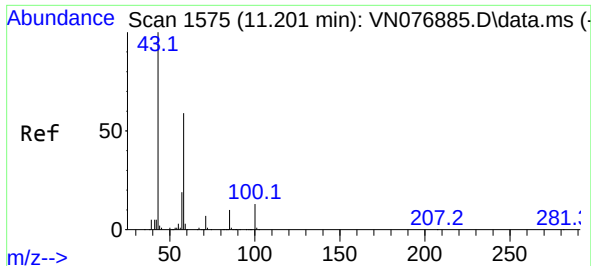
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#58
4-Methyl-2-Pentanone
Concen: 396.690 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN076887.D
Acq: 08 Mar 2023 19:35

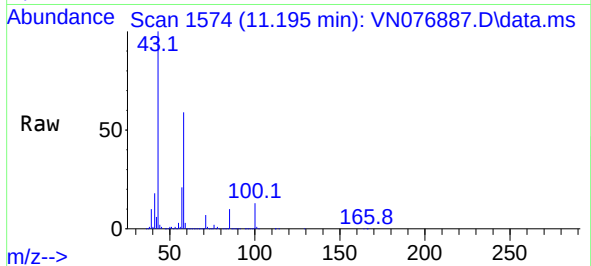
Tgt Ion: 43 Resp: 3493467
Ion Ratio Lower Upper
43 100
58 42.4 28.6 42.8
85 19.6 11.8 17.8#





#59
2-Hexanone
Concen: 387.480 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VN076887.D
Acq: 08 Mar 2023 19:35

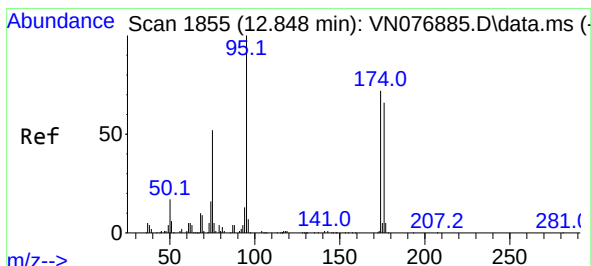
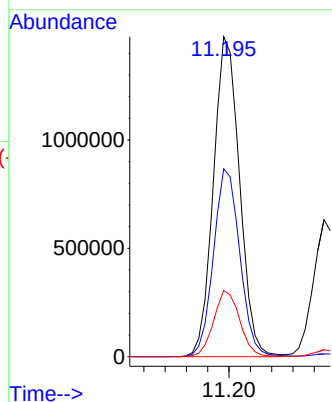
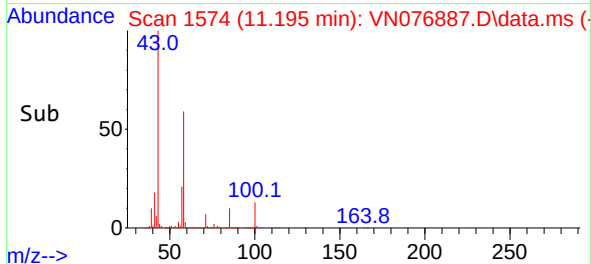
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



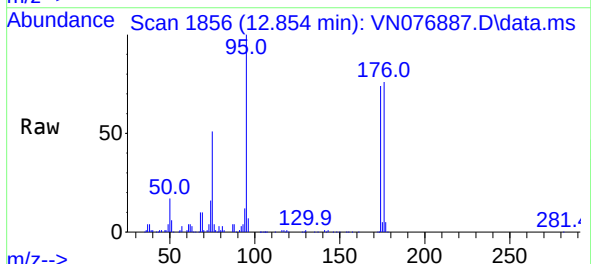
Tgt Ion: 43 Resp: 2514439
Ion Ratio Lower Upper
43 100
58 59.1 40.6 60.8
57 20.6 13.1 19.7

Manual Integrations
APPROVED

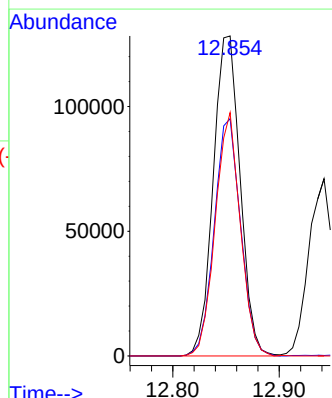
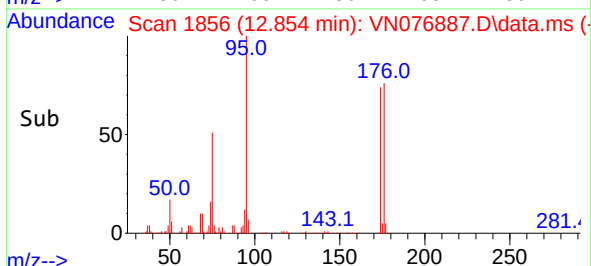
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

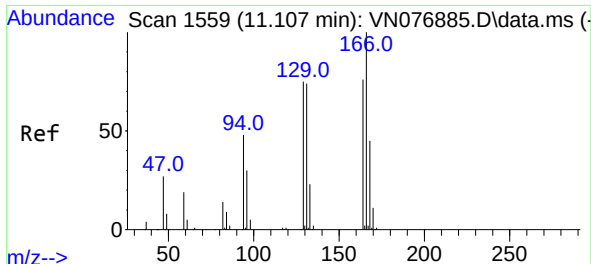


#60
4-Bromofluorobenzene
Concen: 32.934 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076887.D
Acq: 08 Mar 2023 19:35



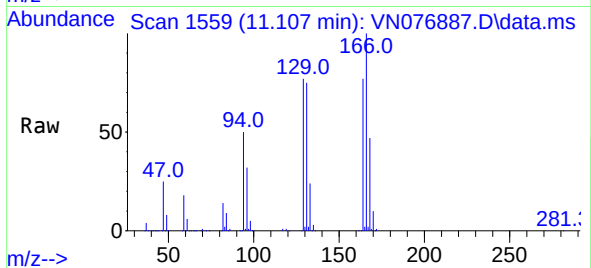
Tgt Ion: 95 Resp: 224712
Ion Ratio Lower Upper
95 100
174 72.6 64.2 96.4
176 70.8 61.4 92.0





#61
Tetrachloroethene
Concen: 113.267 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN076887.D
Acq: 08 Mar 2023 19:35

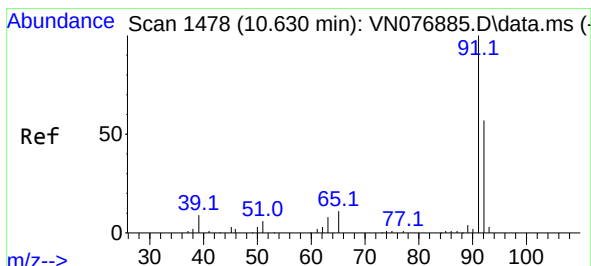
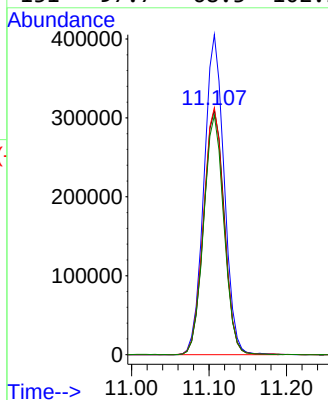
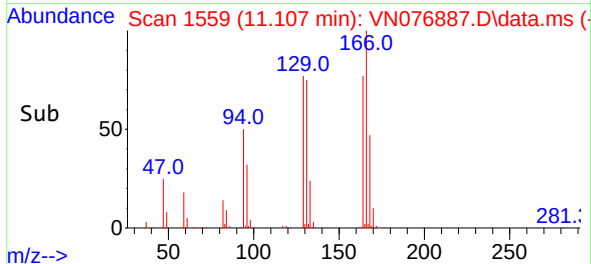
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



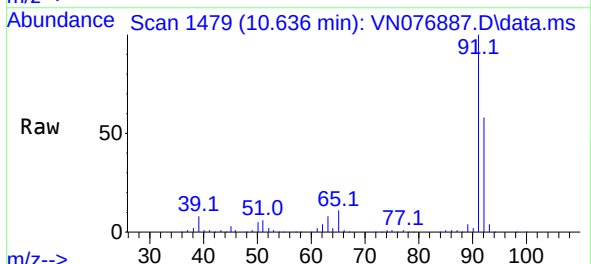
Tgt Ion:164 Resp: 57349
Ion Ratio Lower Upper
164 100
166 130.6 96.2 144.2
129 100.7 78.2 117.4
131 97.7 68.3 102.5

Manual Integrations
APPROVED

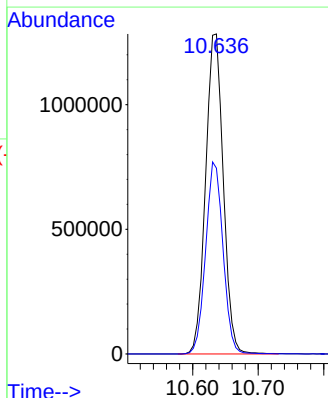
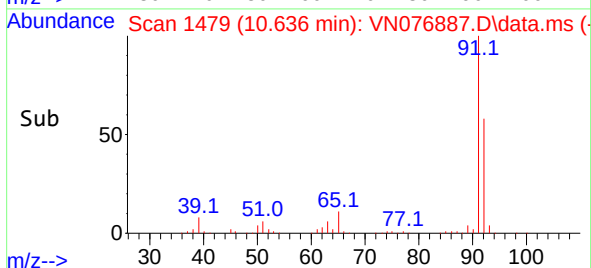
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

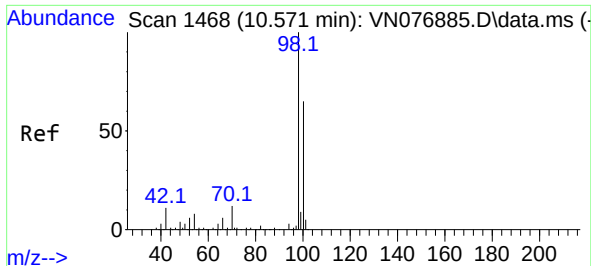


#62
Toluene
Concen: 90.583 ug/l
RT: 10.636 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VN076887.D
Acq: 08 Mar 2023 19:35



Tgt Ion: 91 Resp: 2410987
Ion Ratio Lower Upper
91 100
92 59.0 46.3 69.5





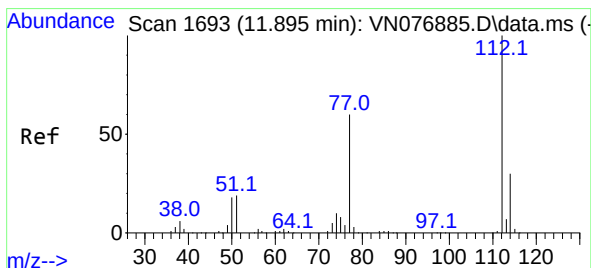
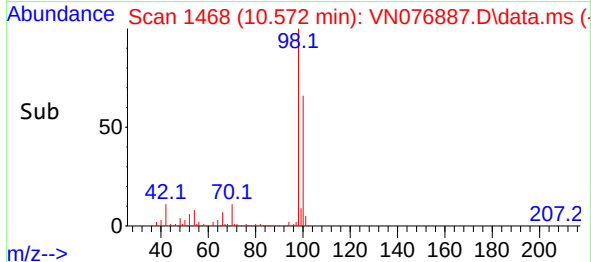
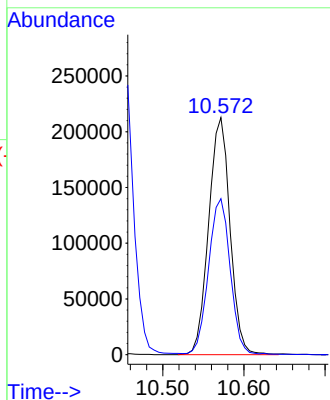
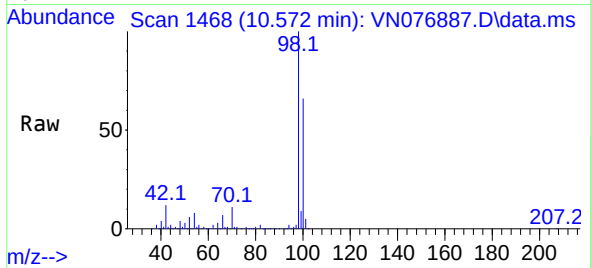
#63
Toluene-d8
Concen: 29.088 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VN076887.D
Acq: 08 Mar 2023 19:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 98 Resp: 38950
Ion Ratio Lower Upper
98 100
100 66.8 53.8 80.6

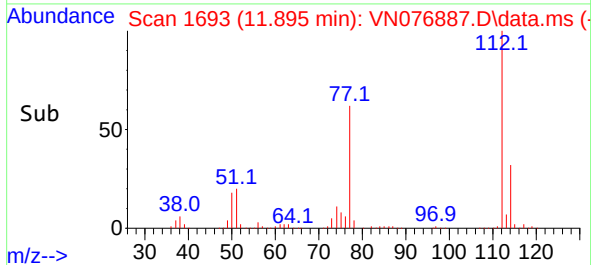
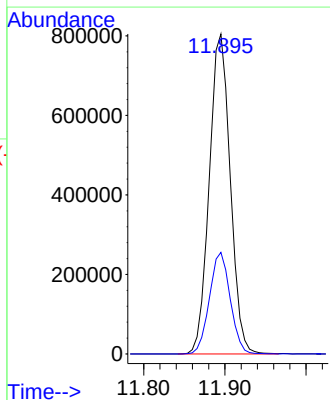
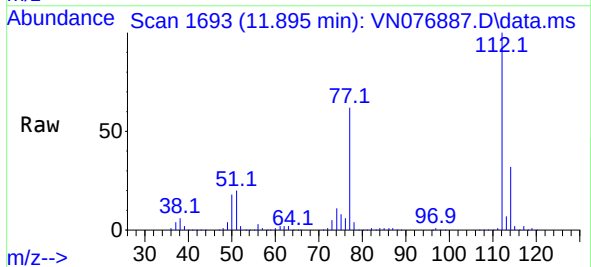
Manual Integrations
APPROVED

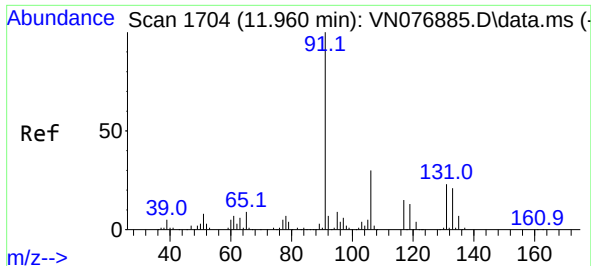
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#64
Chlorobenzene
Concen: 92.033 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VN076887.D
Acq: 08 Mar 2023 19:35

Tgt Ion:112 Resp: 1444238
Ion Ratio Lower Upper
112 100
114 31.8 24.5 36.7





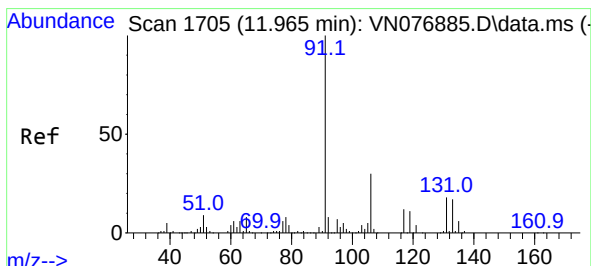
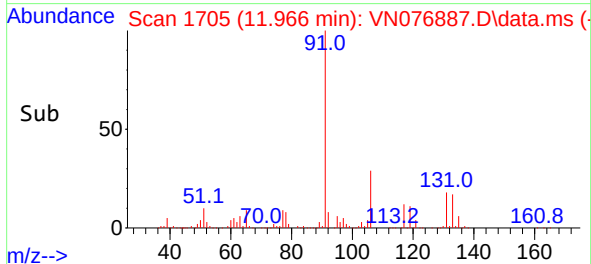
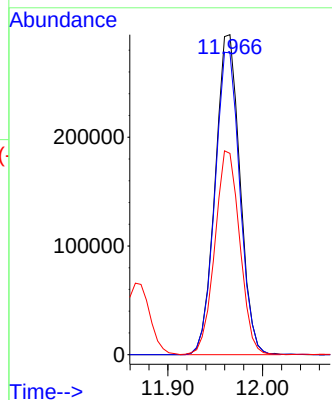
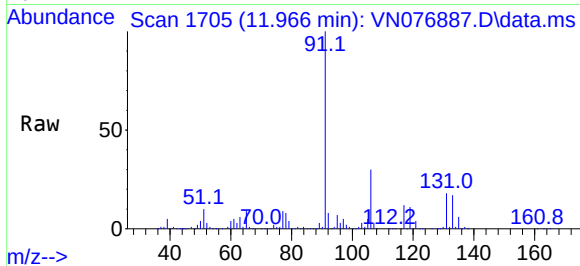
#65
1,1,1,2-Tetrachloroethane
Concen: 92.453 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076887.D
Acq: 08 Mar 2023 19:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:131 Resp: 535480
Ion Ratio Lower Upper
131 100
133 95.0 0.0 197.6
119 64.2 0.0 127.8

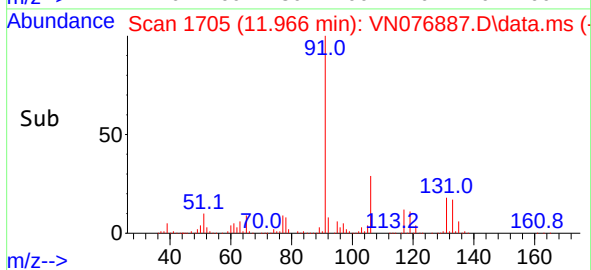
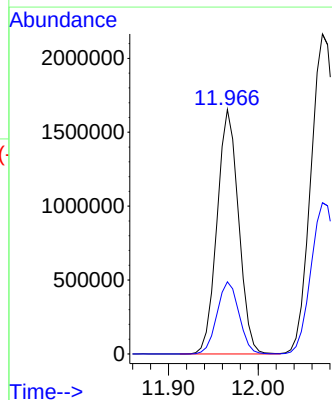
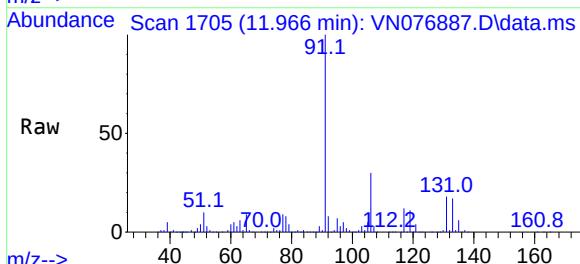
Manual Integrations
APPROVED

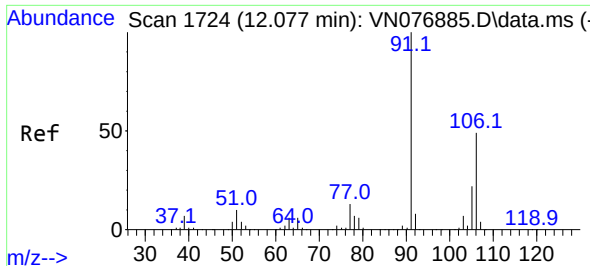
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#66
Ethyl Benzene
Concen: 97.078 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076887.D
Acq: 08 Mar 2023 19:35

Tgt Ion: 91 Resp: 2755729
Ion Ratio Lower Upper
91 100
106 29.5 23.8 35.8





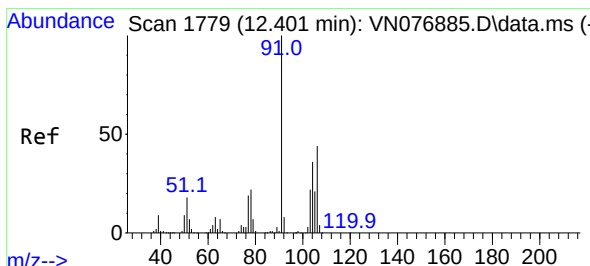
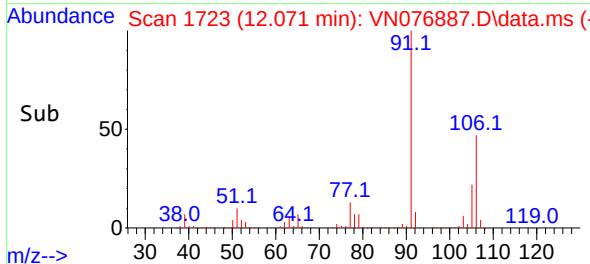
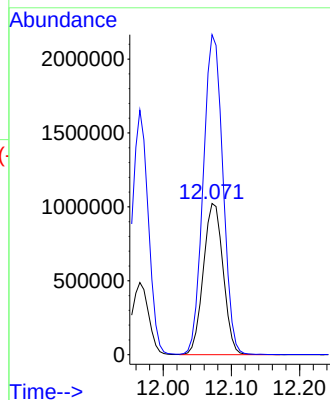
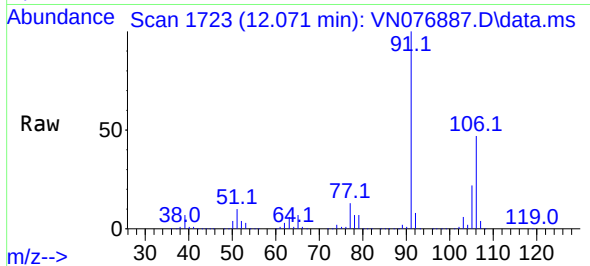
#67
m/p-Xylenes
Concen: 188.411 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VN076887.D
Acq: 08 Mar 2023 19:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 2067348
Ion Ratio Lower Upper
106 100
91 209.3 157.4 236.2

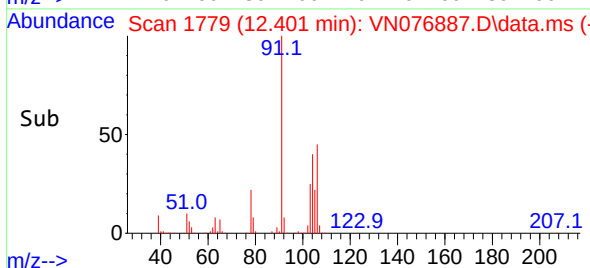
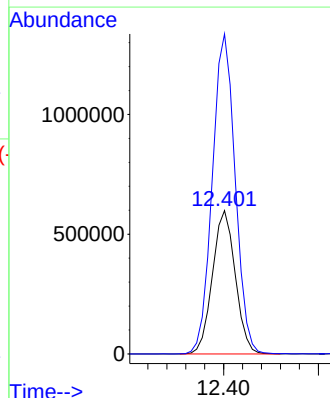
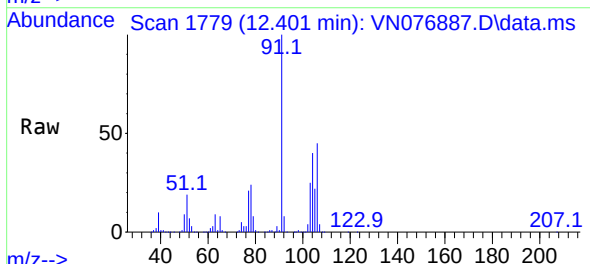
Manual Integrations
APPROVED

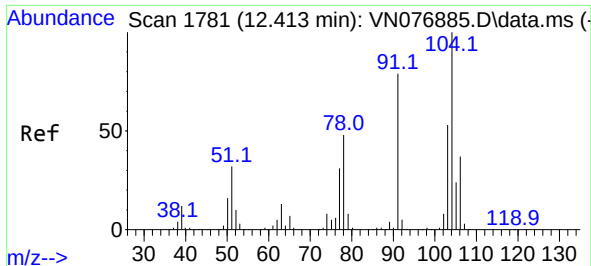
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#68
o-Xylene
Concen: 92.792 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN076887.D
Acq: 08 Mar 2023 19:35

Tgt Ion:106 Resp: 1001863
Ion Ratio Lower Upper
106 100
91 223.4 107.2 321.6





#69

Styrene

Concen: 96.989 ug/l

RT: 12.413 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN076887.D

Acq: 08 Mar 2023 19:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion:104 Resp: 168305

Ion Ratio Lower Upper

104 100

78 52.8 39.6 59.4

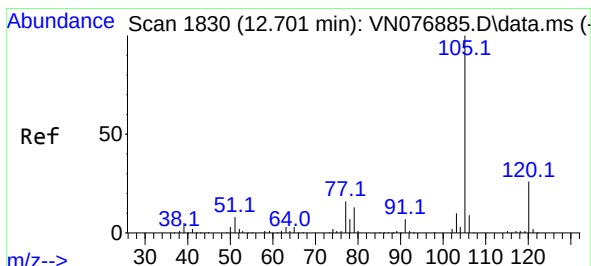
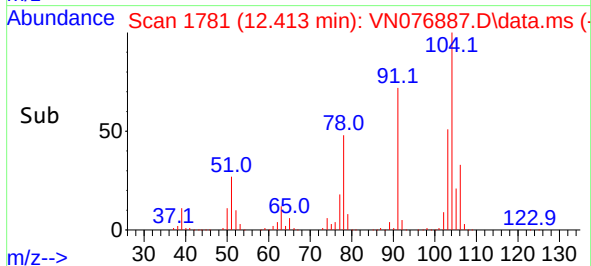
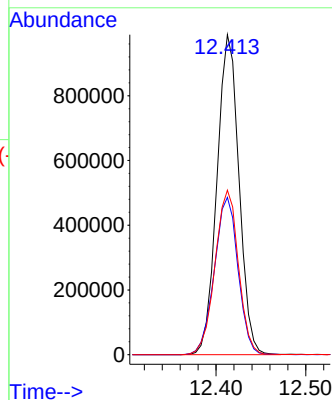
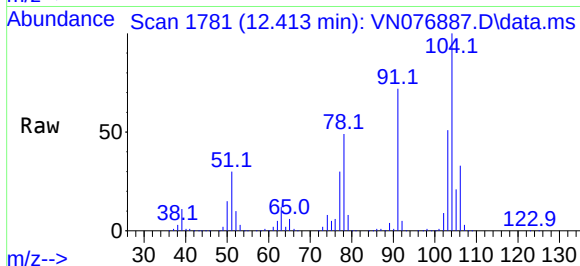
103 54.7 43.9 65.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/09/2023

Supervised By :Mahesh Dadoda 03/09/2023



#70

Isopropylbenzene

Concen: 97.218 ug/l

RT: 12.695 min Scan# 1829

Delta R.T. -0.006 min

Lab File: VN076887.D

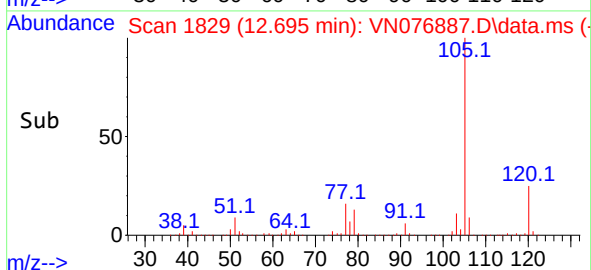
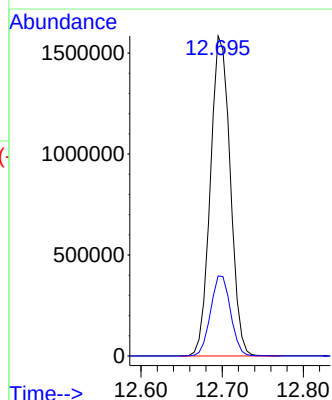
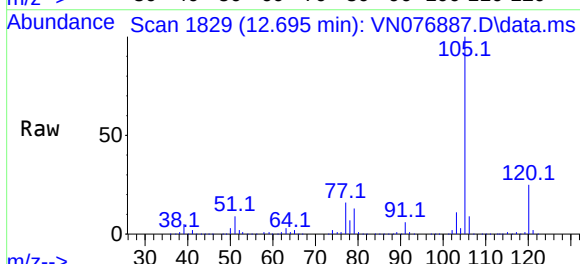
Acq: 08 Mar 2023 19:35

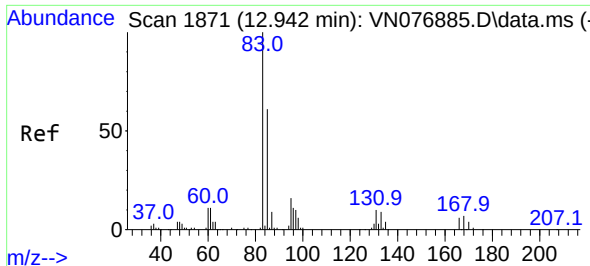
Tgt Ion:105 Resp: 2686531

Ion Ratio Lower Upper

105 100

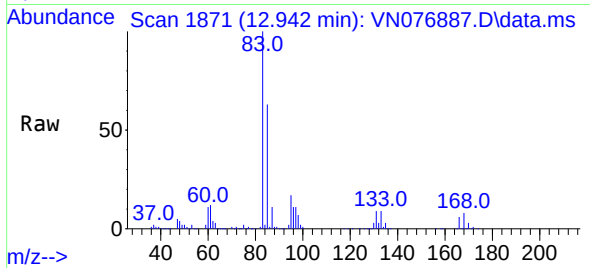
120 25.2 19.0 35.2





#71
1,1,2,2-Tetrachloroethane
Concen: 82.405 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN076887.D
Acq: 08 Mar 2023 19:35

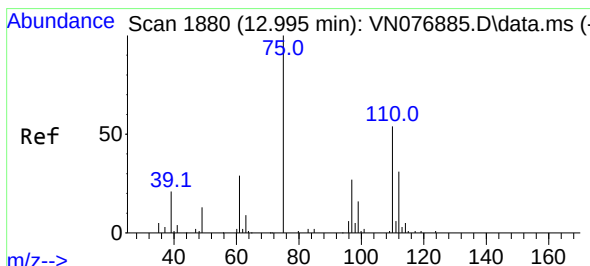
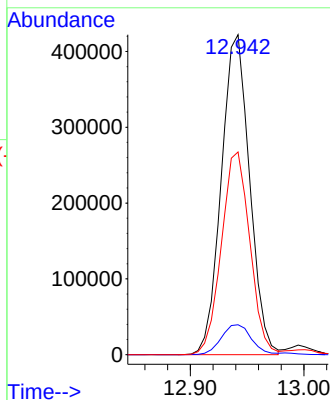
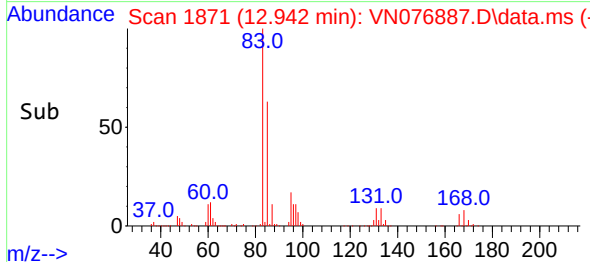
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 83 Resp: 731380
Ion Ratio Lower Upper
83 100
131 10.0 5.0 14.9
85 63.6 32.3 96.9

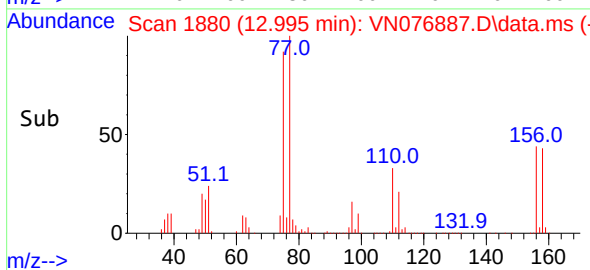
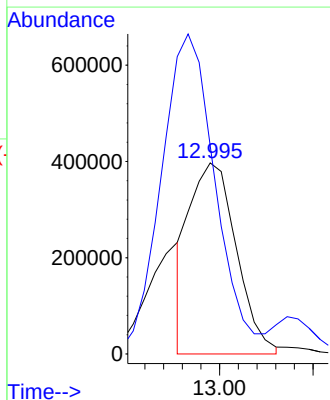
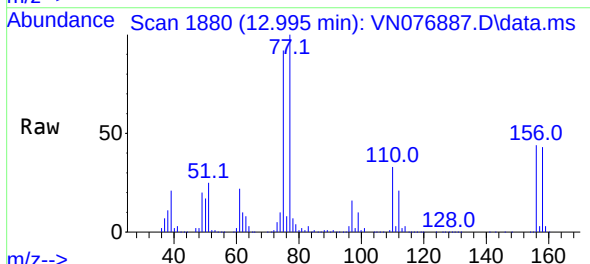
Manual Integrations
APPROVED

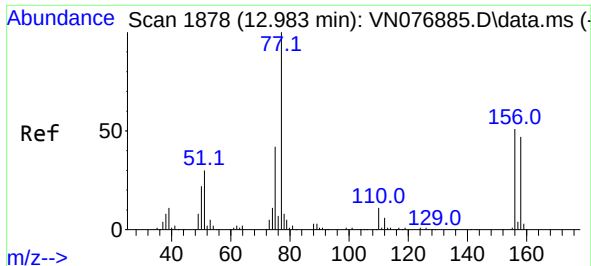
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#72
1,2,3-Trichloropropane
Concen: 86.551 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN076887.D
Acq: 08 Mar 2023 19:35

Tgt Ion: 75 Resp: 690323
Ion Ratio Lower Upper
75 100
77 192.7 0.0 332.6





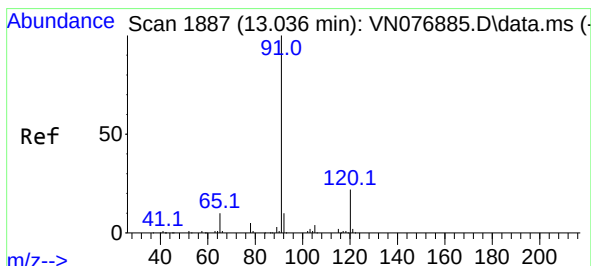
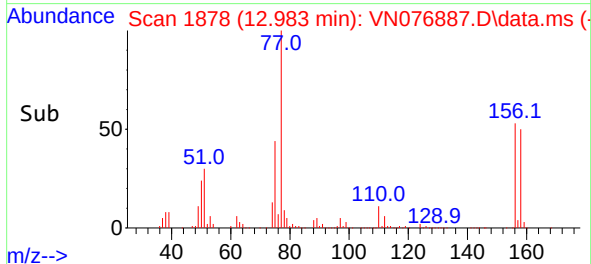
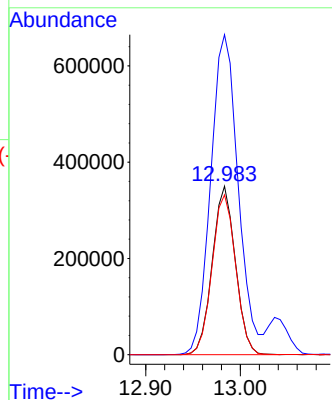
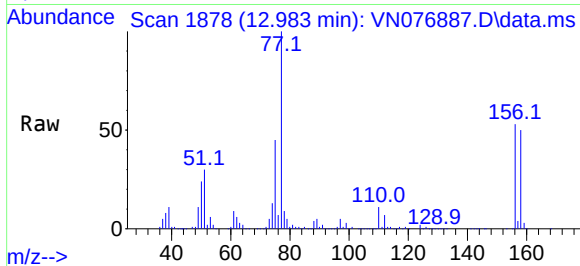
#73
Bromobenzene
Concen: 93.377 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN076887.D
Acq: 08 Mar 2023 19:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:156 Resp: 592402
Ion Ratio Lower Upper
156 100
77 224.6 0.0 423.0
158 97.3 0.0 188.6

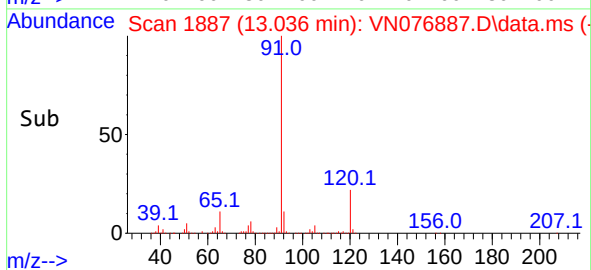
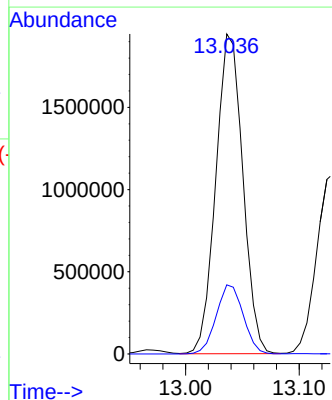
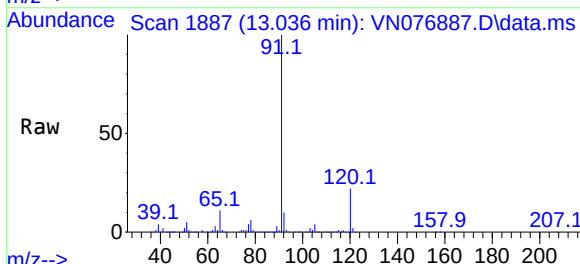
Manual Integrations
APPROVED

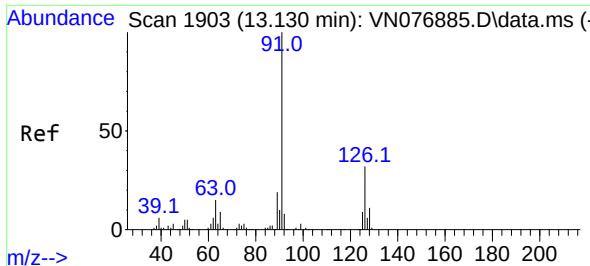
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#74
n-propylbenzene
Concen: 97.390 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.000 min
Lab File: VN076887.D
Acq: 08 Mar 2023 19:35

Tgt Ion: 91 Resp: 3214150
Ion Ratio Lower Upper
91 100
120 21.6 0.0 44.0





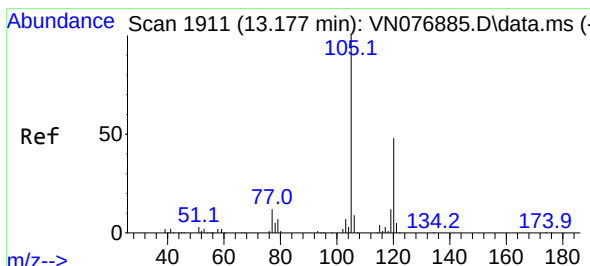
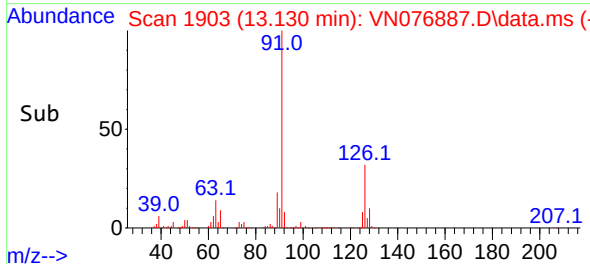
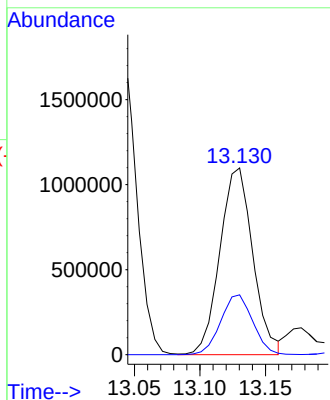
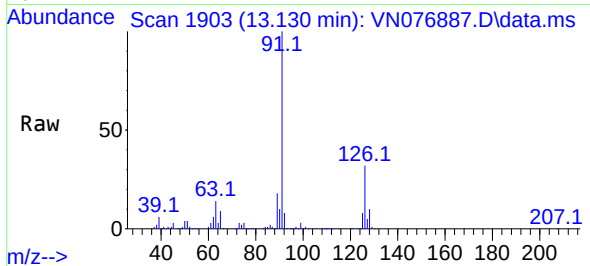
#75
2-Chlorotoluene
Concen: 97.269 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VN076887.D
Acq: 08 Mar 2023 19:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 1923360
Ion Ratio Lower Upper
91 100
126 31.2 0.0 66.4

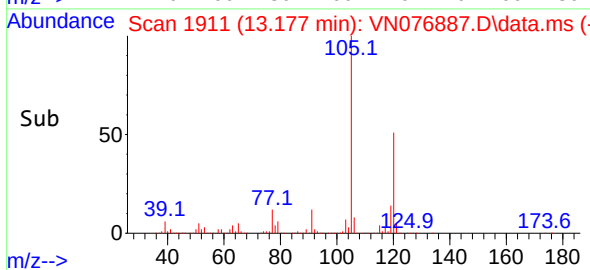
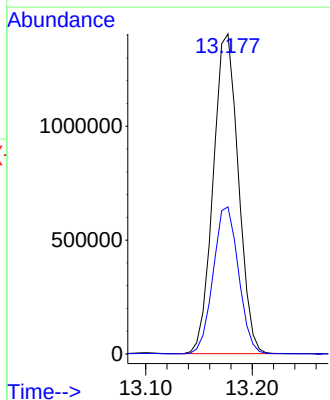
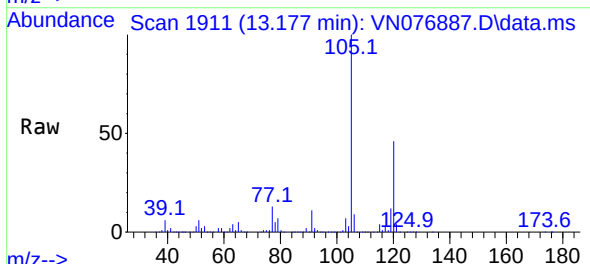
Manual Integrations
APPROVED

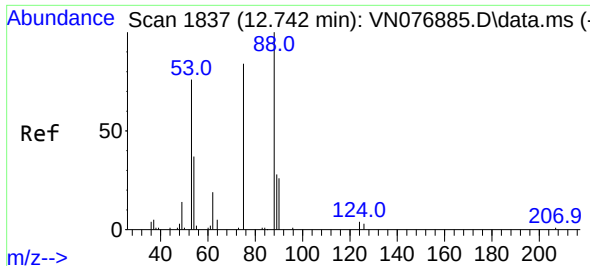
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#76
1,3,5-Trimethylbenzene
Concen: 99.169 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VN076887.D
Acq: 08 Mar 2023 19:35

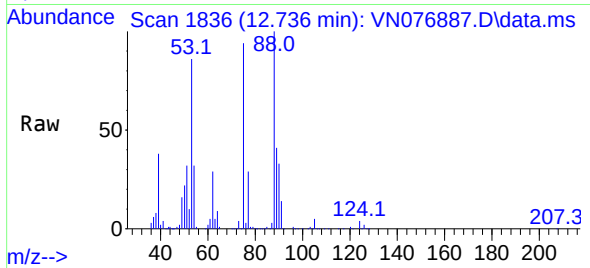
Tgt Ion:105 Resp: 2303724
Ion Ratio Lower Upper
105 100
120 46.4 0.0 103.2





#77
t-1,4-Dichloro-2-butene
Concen: 96.134 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076887.D
Acq: 08 Mar 2023 19:35

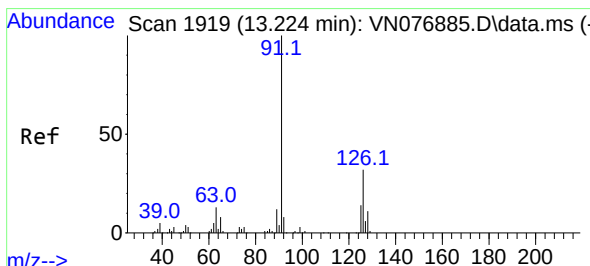
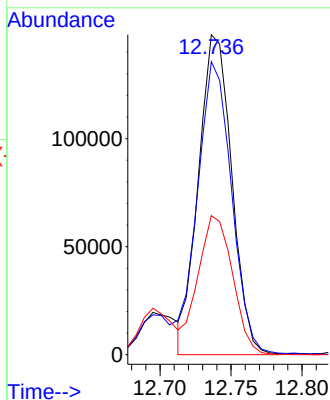
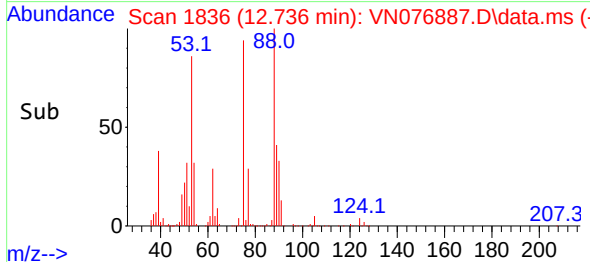
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 75 Resp: 241754
Ion Ratio Lower Upper
75 100
53 91.4 50.4 151.3
89 43.6 22.1 66.5

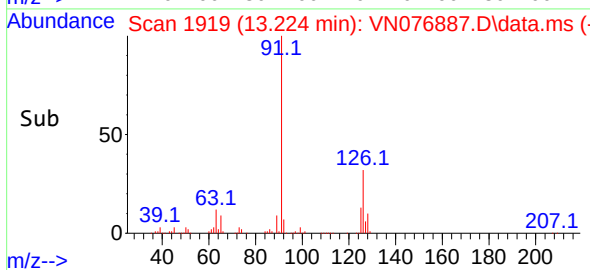
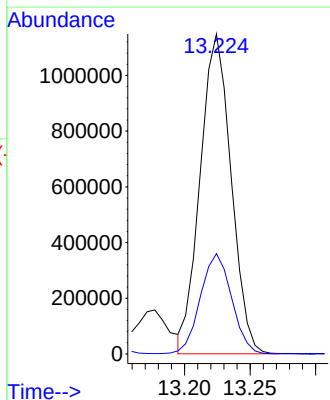
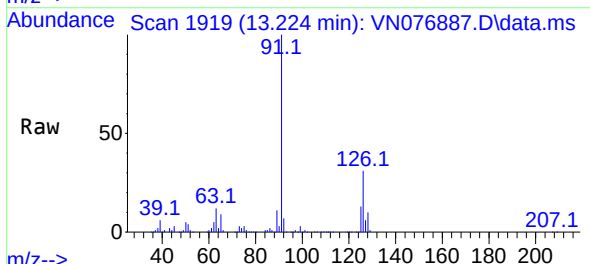
Manual Integrations
APPROVED

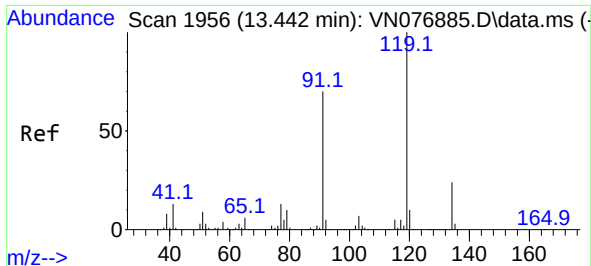
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#78
4-Chlorotoluene
Concen: 99.611 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN076887.D
Acq: 08 Mar 2023 19:35

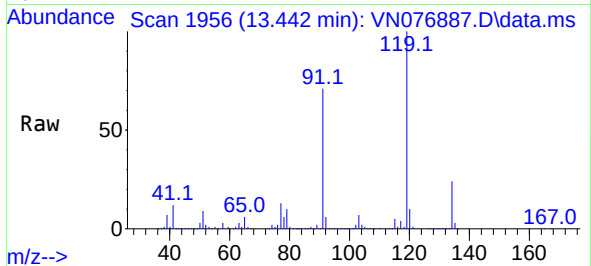
Tgt Ion: 91 Resp: 1886554
Ion Ratio Lower Upper
91 100
126 31.7 0.0 70.6





#79
tert-butylbenzene
Concen: 95.668 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN076887.D
Acq: 08 Mar 2023 19:35

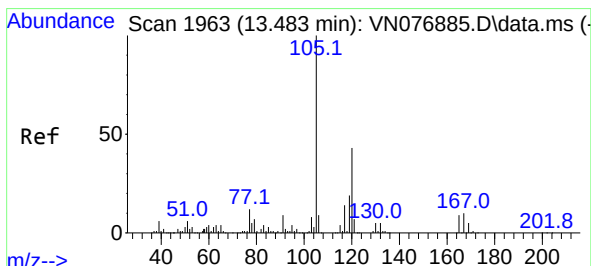
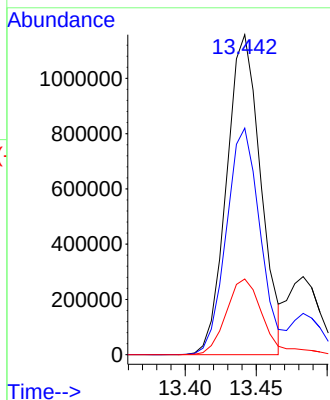
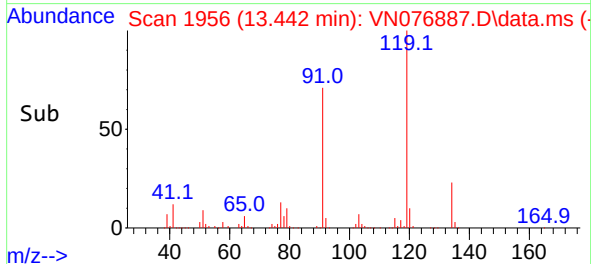
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



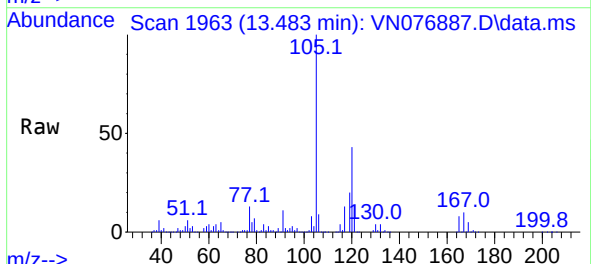
Tgt Ion:119 Resp: 1937830
Ion Ratio Lower Upper
119 100
91 71.1 0.0 129.6
134 25.7 0.0 47.8

Manual Integrations
APPROVED

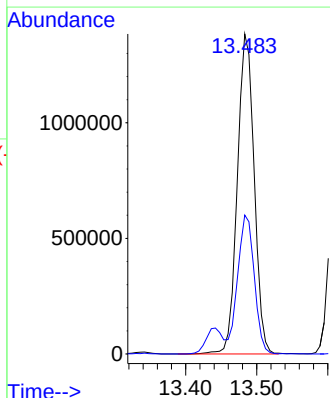
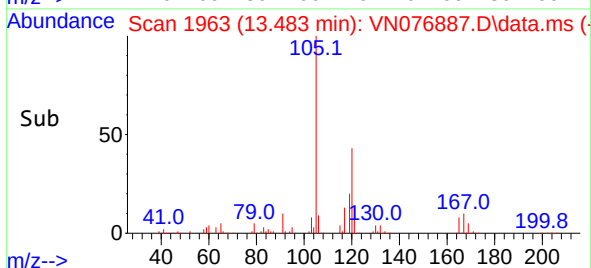
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

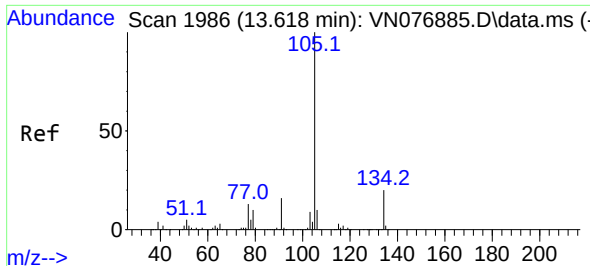


#80
1,2,4-Trimethylbenzene
Concen: 99.574 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN076887.D
Acq: 08 Mar 2023 19:35



Tgt Ion:105 Resp: 2283413
Ion Ratio Lower Upper
105 100
120 43.4 0.0 93.2





#81
 sec-Butylbenzene
 Concen: 97.228 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN076887.D
 Acq: 08 Mar 2023 19:35

Instrument :

MSVOA_N

ClientSampleId :

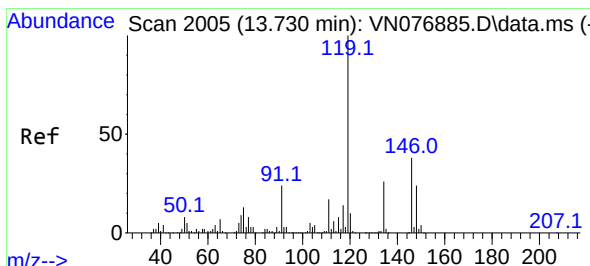
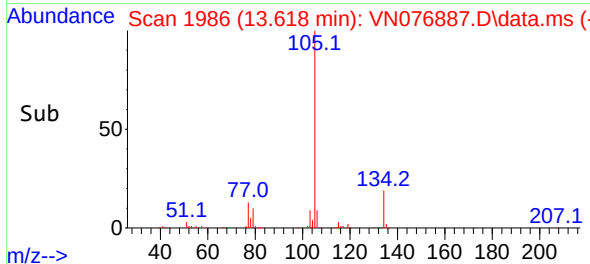
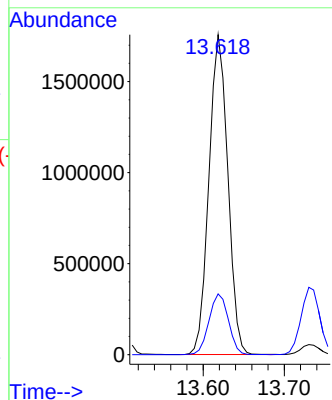
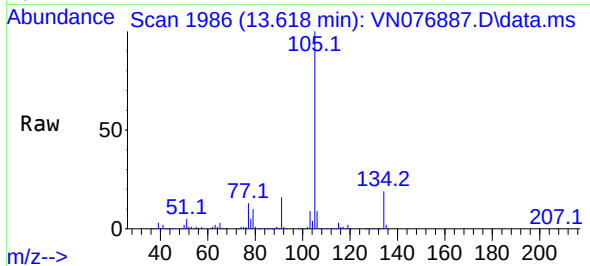
VSTDICC100

Tgt Ion:105 Resp: 2836880
 Ion Ratio Lower Upper
 105 100
 134 19.5 0.0 39.4

Manual Integrations

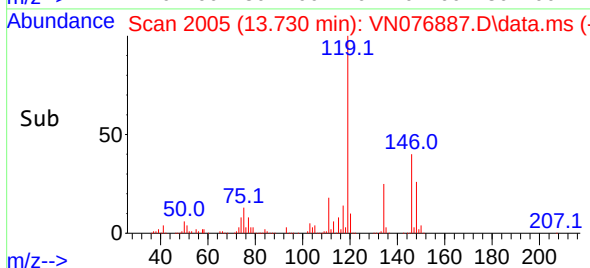
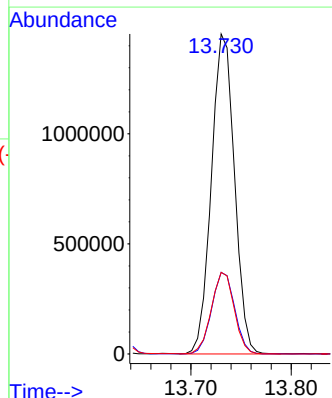
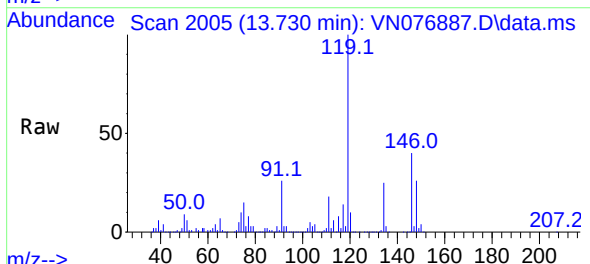
APPROVED

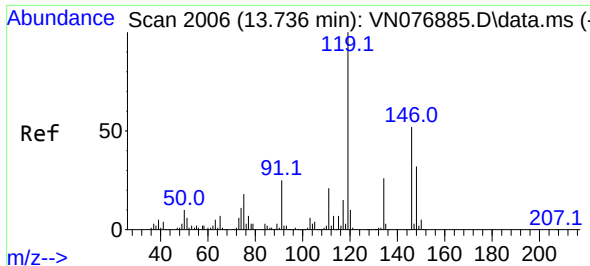
Reviewed By :John Carlone 03/09/2023
 Supervised By :Mahesh Dadoda 03/09/2023



#82
 p-Isopropyltoluene
 Concen: 98.432 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN076887.D
 Acq: 08 Mar 2023 19:35

Tgt Ion:119 Resp: 2325348
 Ion Ratio Lower Upper
 119 100
 134 25.4 0.0 53.4
 91 25.2 0.0 47.2





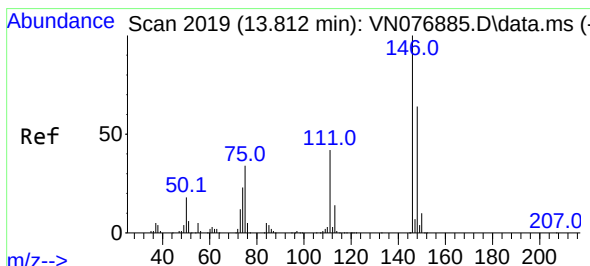
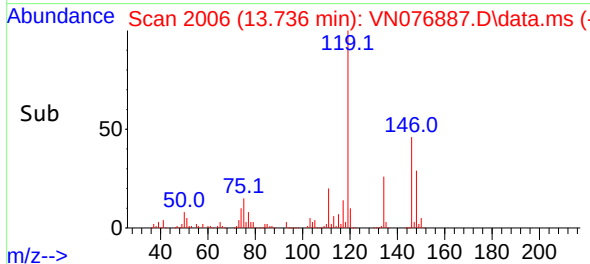
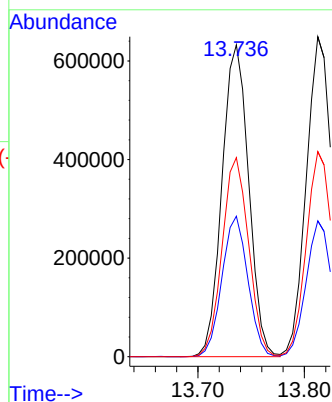
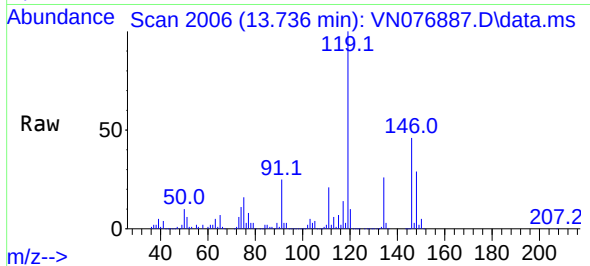
#83
1,3-Dichlorobenzene
Concen: 91.353 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN076887.D
Acq: 08 Mar 2023 19:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:146 Resp: 110094
Ion Ratio Lower Upper
146 100
111 43.9 20.3 60.8
148 63.4 31.9 95.5

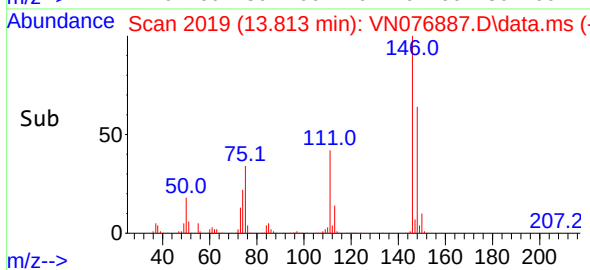
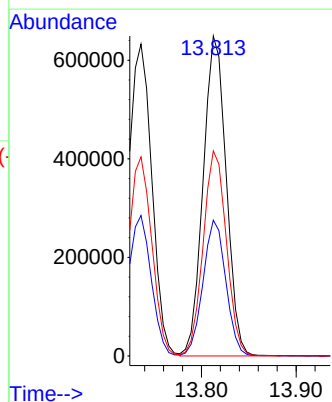
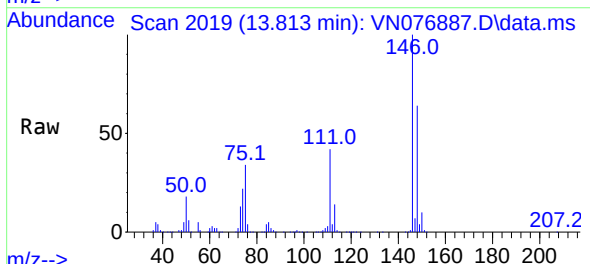
Manual Integrations
APPROVED

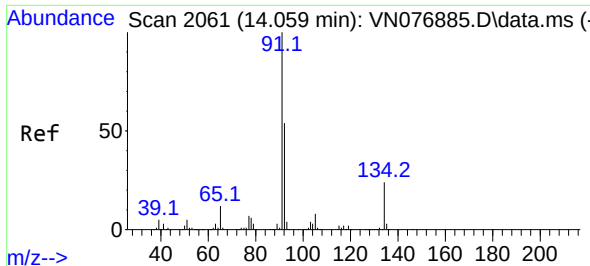
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#84
1,4-Dichlorobenzene
Concen: 93.224 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VN076887.D
Acq: 08 Mar 2023 19:35

Tgt Ion:146 Resp: 1101421
Ion Ratio Lower Upper
146 100
111 42.0 18.2 54.6
148 64.1 31.1 93.2





#85
n-Butylbenzene
Concen: 106.273 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. 0.000 min
Lab File: VN076887.D
Acq: 08 Mar 2023 19:35

Instrument :

MSVOA_N

ClientSampleId :

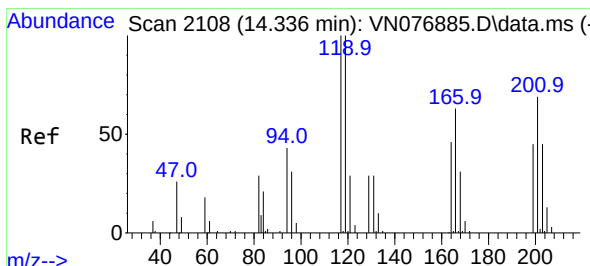
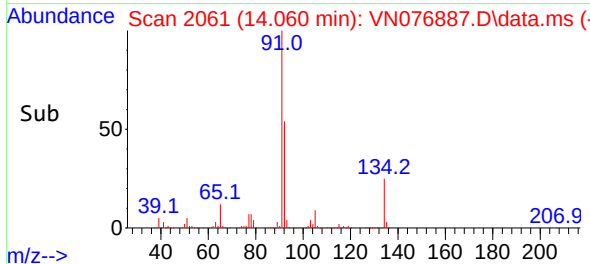
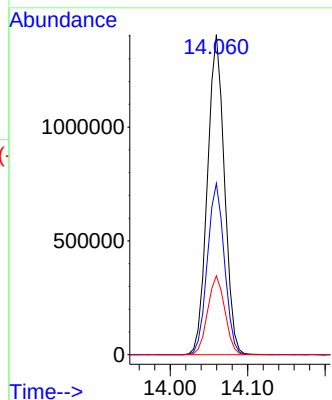
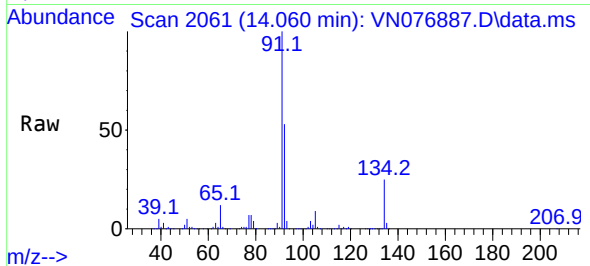
VSTDICC100

Tgt Ion: 91 Resp: 213676
Ion Ratio Lower Upper
91 100
92 53.8 0.0 103.2
134 25.0 0.0 50.0

Manual Integrations

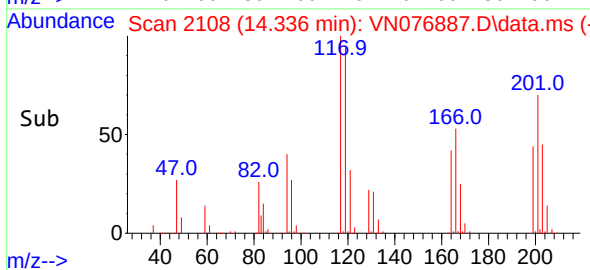
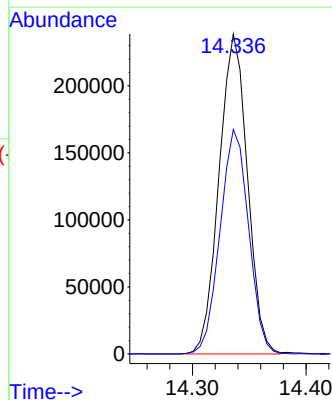
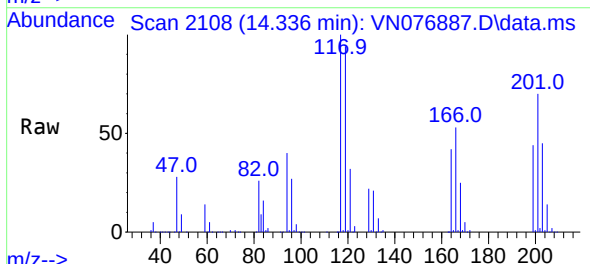
APPROVED

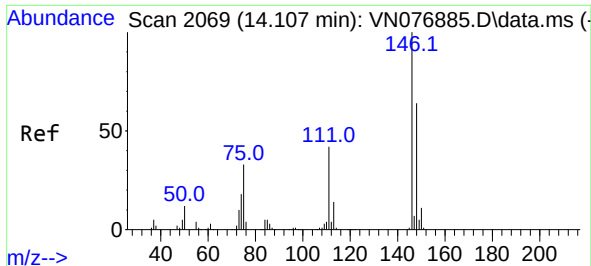
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#86
Hexachloroethane
Concen: 91.952 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VN076887.D
Acq: 08 Mar 2023 19:35

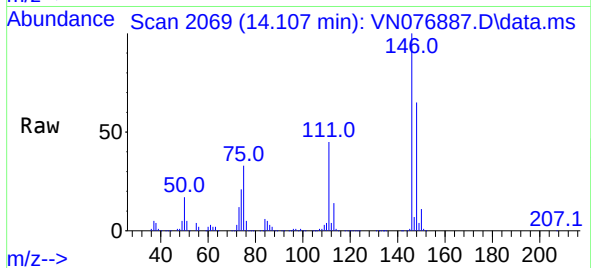
Tgt Ion:117 Resp: 414599
Ion Ratio Lower Upper
117 100
201 70.6 32.2 96.6





#87
1,2-Dichlorobenzene
Concen: 90.617 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. 0.000 min
Lab File: VN076887.D
Acq: 08 Mar 2023 19:35

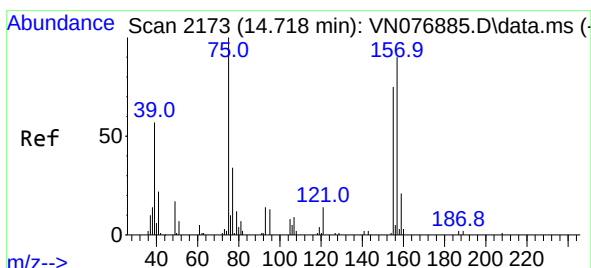
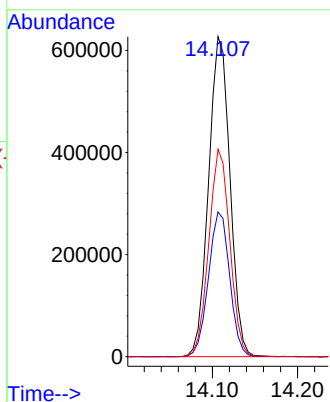
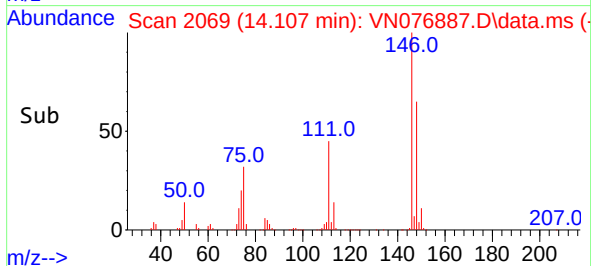
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



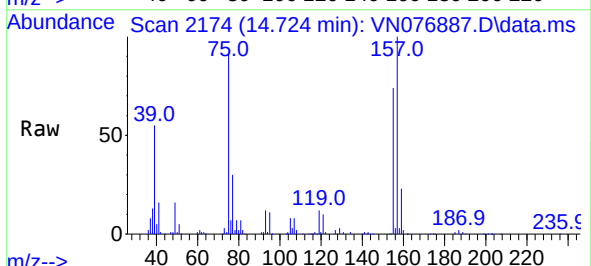
Tgt Ion:146 Resp: 1092370
Ion Ratio Lower Upper
146 100
111 45.0 20.5 61.6
148 63.8 32.5 97.5

Manual Integrations
APPROVED

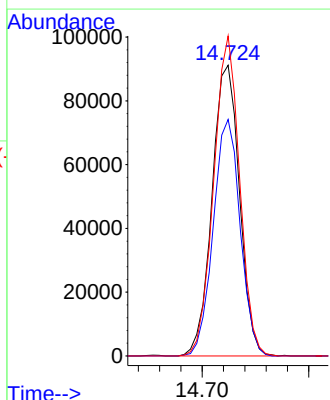
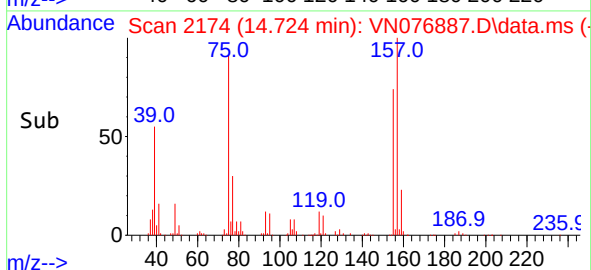
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

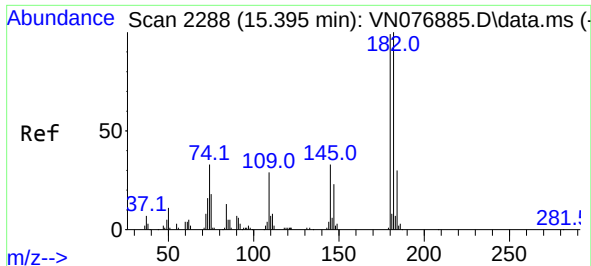


#88
1,2-Dibromo-3-Chloropropane
Concen: 97.062 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN076887.D
Acq: 08 Mar 2023 19:35



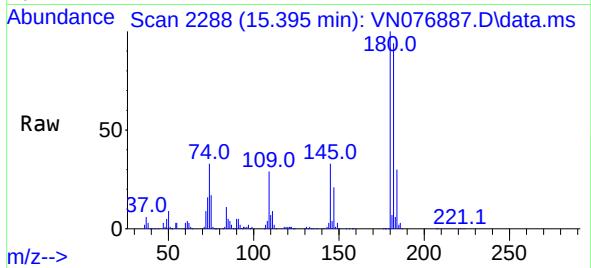
Tgt Ion: 75 Resp: 163025
Ion Ratio Lower Upper
75 100
155 79.9 62.5 93.7
157 103.8 77.5 116.3





#89
1,2,4-Trichlorobenzene
Concen: 109.305 ug/l
RT: 15.395 min Scan# 2288
Delta R.T. 0.000 min
Lab File: VN076887.D
Acq: 08 Mar 2023 19:35

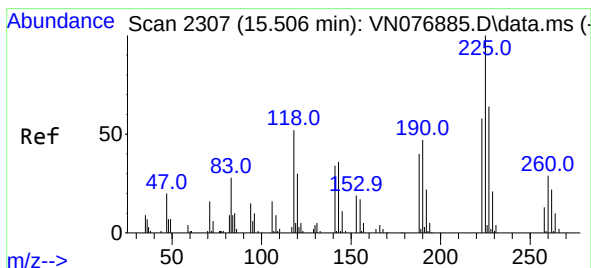
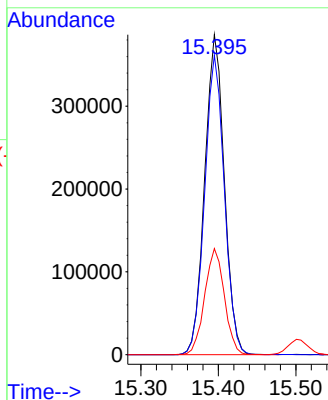
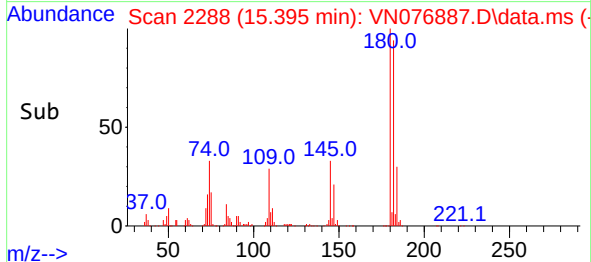
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



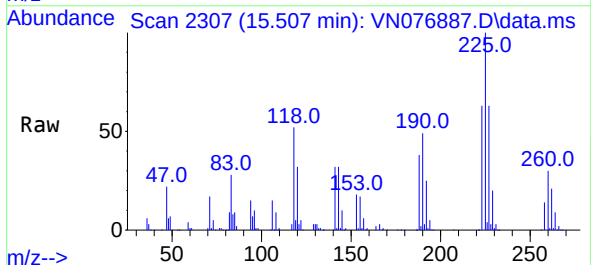
Tgt Ion:180 Resp: 68064
Ion Ratio Lower Upper
180 100
182 93.8 76.6 115.0
145 33.3 24.6 36.8

Manual Integrations
APPROVED

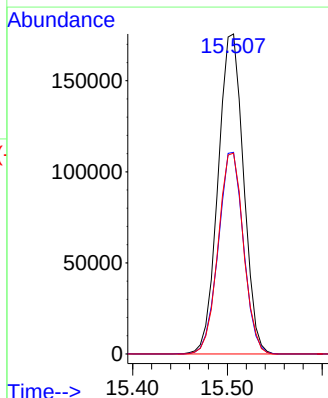
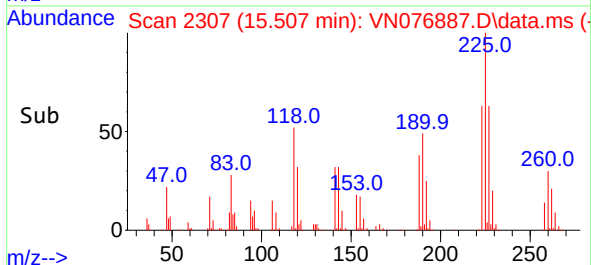
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

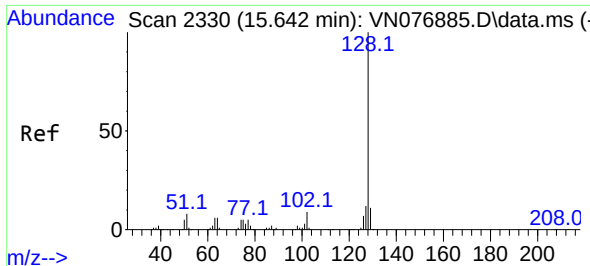


#90
Hexachlorobutadiene
Concen: 107.904 ug/l
RT: 15.507 min Scan# 2307
Delta R.T. 0.006 min
Lab File: VN076887.D
Acq: 08 Mar 2023 19:35



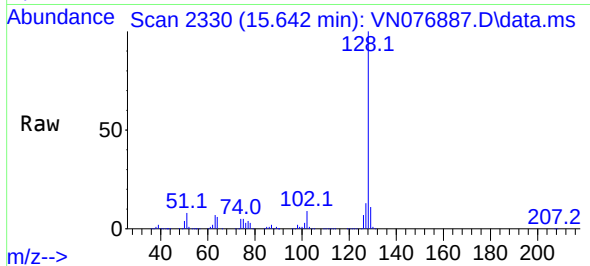
Tgt Ion:225 Resp: 328116
Ion Ratio Lower Upper
225 100
223 62.1 0.0 135.4
227 62.3 0.0 129.4





#91
Naphthalene
Concen: 109.002 ug/l
RT: 15.642 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN076887.D
Acq: 08 Mar 2023 19:35

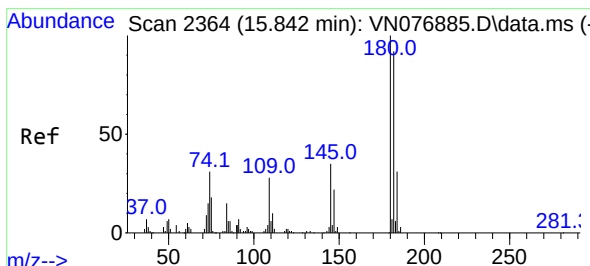
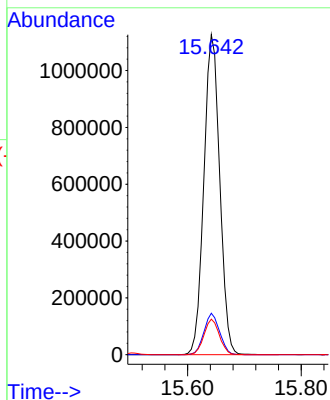
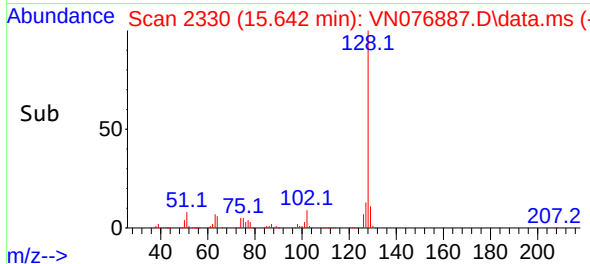
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



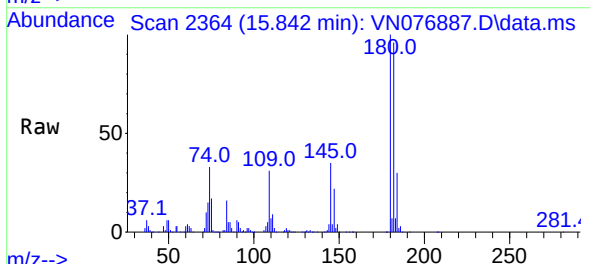
Tgt Ion:128 Resp: 2176270
Ion Ratio Lower Upper
128 100
127 12.8 11.0 16.6
129 10.8 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#92
1,2,3-Trichlorobenzene
Concen: 103.497 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.000 min
Lab File: VN076887.D
Acq: 08 Mar 2023 19:35



Tgt Ion:180 Resp: 655340
Ion Ratio Lower Upper
180 100
182 94.6 0.0 190.8
145 35.5 0.0 65.0

