

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013123\
 Data File : VN076486.D
 Acq On : 31 Jan 2023 17:59
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 01 00:51:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 02/01/2023
 Supervised By :Mahesh Dadoda 02/01/2023

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	441905	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	716812	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	648392	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	336000	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	264274	53.411	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.820%			
35) Dibromofluoromethane	8.171	113	233089	51.983	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.960%			
50) Toluene-d8	10.570	98	849878	51.322	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.640%			
62) 4-Bromofluorobenzene	12.847	95	319796	59.156	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 118.320%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	195751	43.227	ug/l	97
3) Chloromethane	2.377	50	236956	50.538	ug/l	95
4) Vinyl Chloride	2.530	62	290198	50.477	ug/l	99
5) Bromomethane	2.953	94	185404	39.380	ug/l	98
6) Chloroethane	3.124	64	177759	41.234	ug/l	99
7) Trichlorofluoromethane	3.506	101	372948	47.152	ug/l	96
8) Diethyl Ether	3.971	74	132363	49.893	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.383	101	206958	46.221	ug/l	98
10) Methyl Iodide	4.600	142	315930	46.193	ug/l	97
11) Tert butyl alcohol	5.535	59	194734	294.241	ug/l	100
12) 1,1-Dichloroethene	4.353	96	194311	45.908	ug/l	94
13) Acrolein	4.194	56	187121	236.421	ug/l	98
14) Allyl chloride	5.035	41	235578	47.760	ug/l	98
15) Acrylonitrile	5.730	53	462030	245.326	ug/l	100
16) Acetone	4.441	43	408256	257.389	ug/l	100
17) Carbon Disulfide	4.724	76	397316	37.700	ug/l	100
18) Methyl Acetate	5.035	43	268010	49.858	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	703955	51.087	ug/l	98
20) Methylene Chloride	5.282	84	217661	46.331	ug/l	98
21) trans-1,2-Dichloroethene	5.794	96	204985	44.704	ug/l	97
22) Diisopropyl ether	6.682	45	595419	51.188	ug/l	98
23) Vinyl Acetate	6.612	43	1973569	262.522	ug/l	99
24) 1,1-Dichloroethane	6.582	63	374376	48.284	ug/l	98
25) 2-Butanone	7.488	43	601445	248.270	ug/l	95
26) 2,2-Dichloropropane	7.500	77	334359	51.165	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	256796	48.017	ug/l	98
28) Bromochloromethane	7.818	49	155067	49.341	ug/l	99
29) Tetrahydrofuran	7.841	42	378373	253.066	ug/l	99
30) Chloroform	7.971	83	429674	50.082	ug/l	97
31) Cyclohexane	8.265	56	301173	39.624	ug/l	95
32) 1,1,1-Trichloroethane	8.176	97	394232	50.330	ug/l	96
36) 1,1-Dichloropropene	8.376	75	290535	45.598	ug/l	99
37) Ethyl Acetate	7.571	43	242151	47.384	ug/l	99
38) Carbon Tetrachloride	8.365	117	344058	48.423	ug/l	98
39) Methylcyclohexane	9.606	83	351867	45.222	ug/l	99
40) Benzene	8.612	78	886198	46.514	ug/l	100

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 ALS Vial : 14 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VSTDC0050EC

Manual Integrations
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Reviewed By : John Carlone 02/01/2023
 Supervised By : Mahesh Dadoda 02/01/2023

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 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	136440	50.989	ug/l	98
42) 1,2-Dichloroethane	8.671	62	328037	50.323	ug/l	98
43) Isopropyl Acetate	8.694	43	421335	50.678	ug/l	99
44) Trichloroethene	9.353	130	241389	44.797	ug/l	98
45) 1,2-Dichloropropane	9.623	63	217408	47.662	ug/l	99
46) Dibromomethane	9.712	93	164824	47.859	ug/l	99
47) Bromodichloromethane	9.888	83	342650	51.298	ug/l	98
48) Methyl methacrylate	9.682	41	201301	51.144	ug/l	97
49) 1,4-Dioxane	9.694	88	88493	1065.527	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	1277267	261.703	ug/l	99
52) Toluene	10.629	92	601304	47.195	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	345559	54.268	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	372432	50.839	ug/l	98
55) 1,1,2-Trichloroethane	11.017	97	239633	49.206	ug/l	97
56) Ethyl methacrylate	10.876	69	352243	56.025	ug/l	97
57) 1,3-Dichloropropane	11.164	76	387689	48.987	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	543543	256.082	ug/l	100
59) 2-Hexanone	11.200	43	936407	264.764	ug/l	100
60) Dibromochloromethane	11.359	129	277223	54.076	ug/l	99
61) 1,2-Dibromoethane	11.470	107	245081	50.417	ug/l	99
64) Tetrachloroethene	11.106	164	229664	39.277	ug/l	96
65) Chlorobenzene	11.894	112	651522	47.535	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	256911	50.379	ug/l	99
67) Ethyl Benzene	11.964	91	1191752	50.804	ug/l	99
68) m/p-Xylenes	12.070	106	943266	100.281	ug/l	99
69) o-Xylene	12.400	106	469530	50.830	ug/l	96
70) Styrene	12.411	104	787226	53.374	ug/l	98
71) Bromoform	12.582	173	201769	54.787	ug/l #	100
73) Isopropylbenzene	12.700	105	1270094	48.863	ug/l	99
74) N-amyl acetate	12.494	43	387066	51.768	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	352004	47.108	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	311244m	50.864	ug/l	
77) Bromobenzene	12.982	156	291222	47.898	ug/l	98
78) n-propylbenzene	13.035	91	1432862	48.855	ug/l	99
79) 2-Chlorotoluene	13.129	91	864503	48.035	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	1101421	50.580	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	99759	49.399	ug/l	95
82) 4-Chlorotoluene	13.129	91	864503	48.035	ug/l	99
83) tert-Butylbenzene	13.441	119	975557	50.370	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	1101399	50.441	ug/l	99
85) sec-Butylbenzene	13.617	105	1379943	51.348	ug/l	99
86) p-Isopropyltoluene	13.729	119	1170192	52.952	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	569929	46.520	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	568501	48.783	ug/l	99
89) n-Butylbenzene	14.058	91	948363	54.059	ug/l	98
90) Hexachloroethane	14.335	117	195329	51.212	ug/l	98
91) 1,2-Dichlorobenzene	14.105	146	576197	47.220	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	69358	53.398	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	282723	48.004	ug/l	98
94) Hexachlorobutadiene	15.505	225	146840	45.347	ug/l	100
95) Naphthalene	15.641	128	867031	49.677	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	271621	48.368	ug/l	98

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ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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QLast Update : Tue Jan 17 03:59:22 2023
Response via : Initial Calibration

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

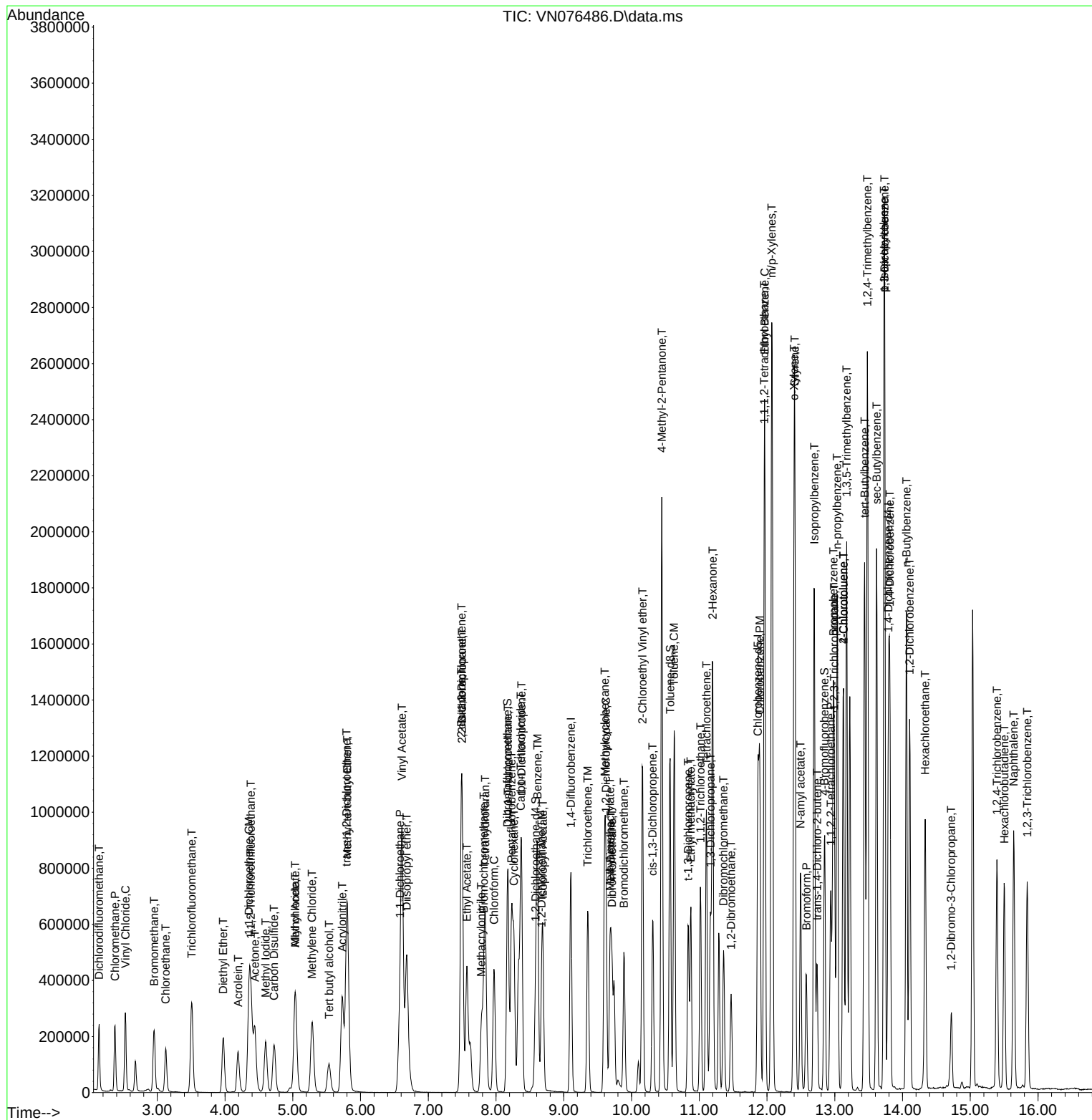
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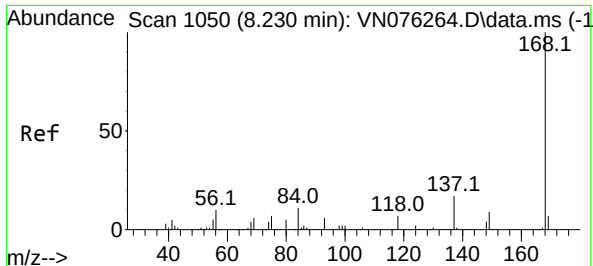
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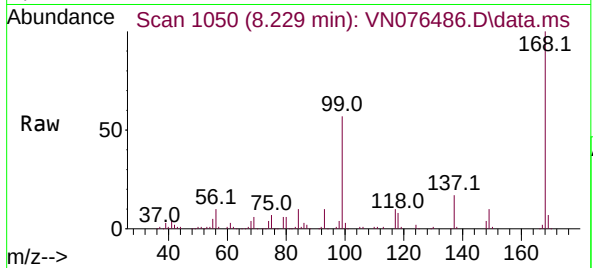
Reviewed By : John Carlone 02/01/2023
Supervised By : Mahesh Dadoda 02/01/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN076486.D
Acq: 31 Jan 2023 17:59

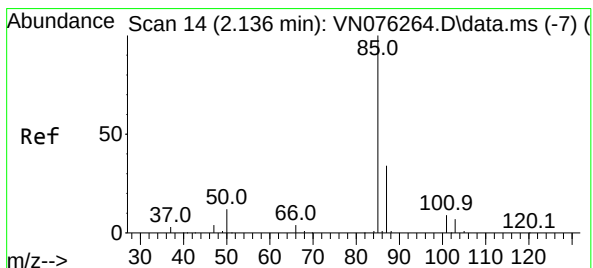
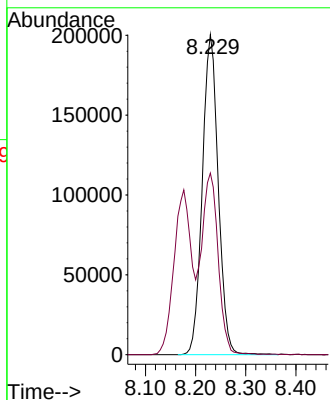
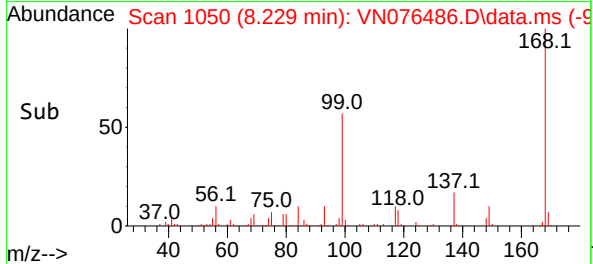
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 44190
Ion Ratio Lower Upper
168 100
99 56.6 41.6 62.4

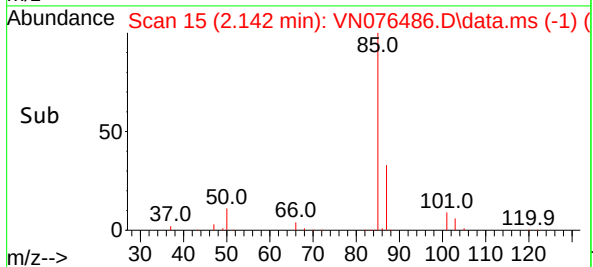
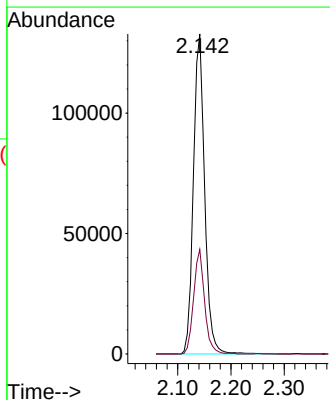
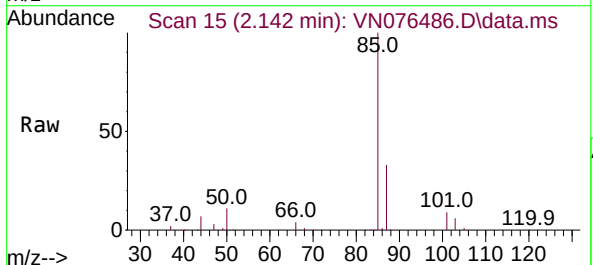
Manual Integrations
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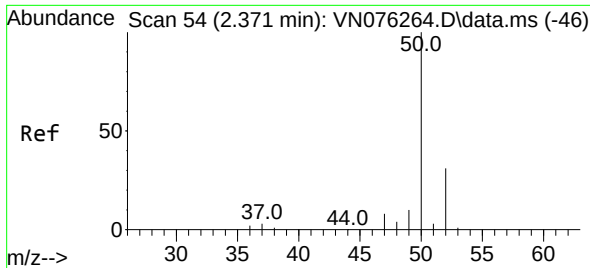
Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023



#2
Dichlorodifluoromethane
Concen: 43.227 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN076486.D
Acq: 31 Jan 2023 17:59

Tgt Ion: 85 Resp: 195751
Ion Ratio Lower Upper
85 100
87 32.6 17.1 51.2





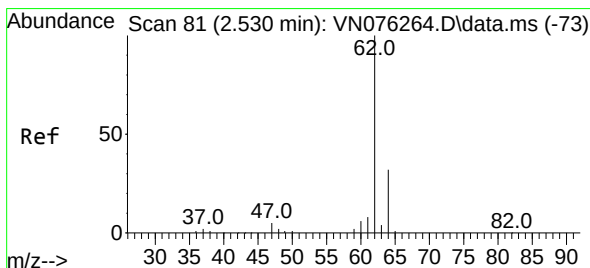
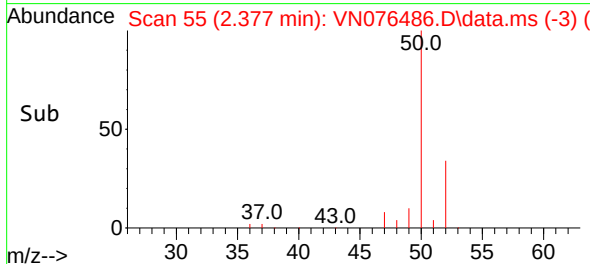
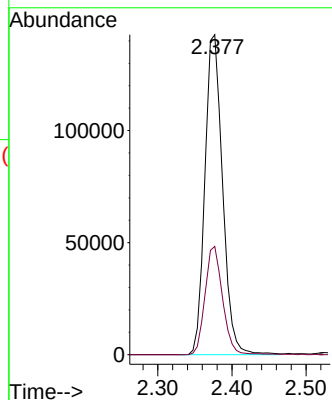
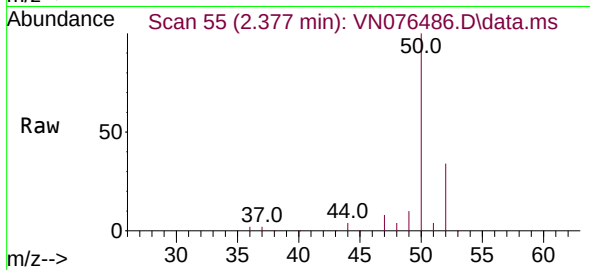
#3
Chloromethane
Concen: 50.538 ug/l
RT: 2.377 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN076486.D
Acq: 31 Jan 2023 17:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 236950
Ion Ratio Lower Upper
50 100
52 33.8 24.8 37.2

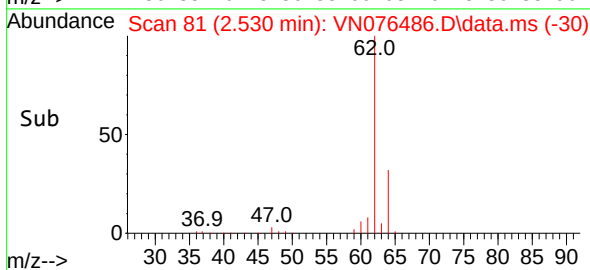
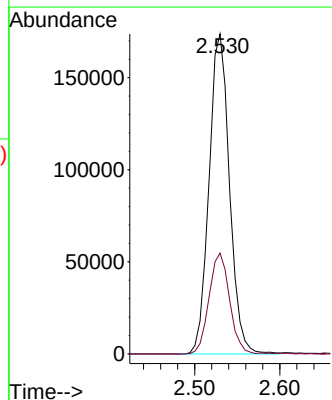
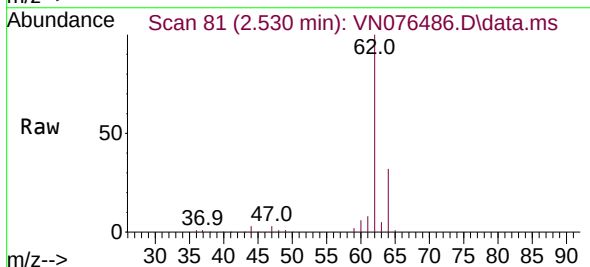
Manual Integrations
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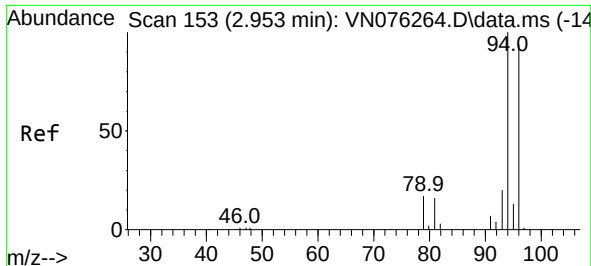
Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023



#4
Vinyl Chloride
Concen: 50.477 ug/l
RT: 2.530 min Scan# 81
Delta R.T. -0.000 min
Lab File: VN076486.D
Acq: 31 Jan 2023 17:59

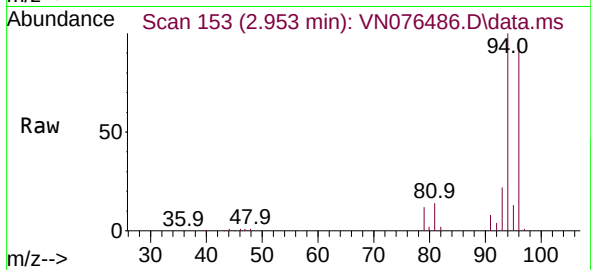
Tgt Ion: 62 Resp: 290198
Ion Ratio Lower Upper
62 100
64 31.5 25.8 38.6





#5
Bromomethane
Concen: 39.380 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076486.D
Acq: 31 Jan 2023 17:59

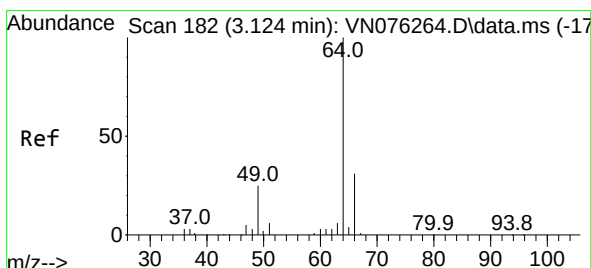
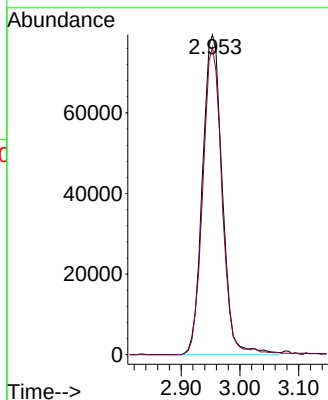
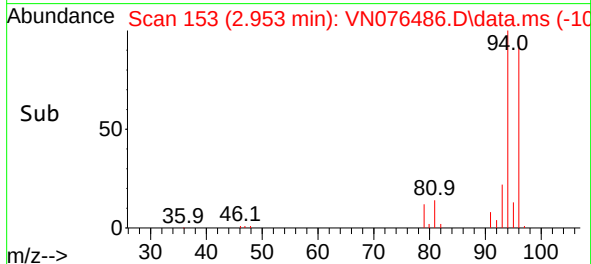
Instrument :
MSVOA_N
ClientSampleId :
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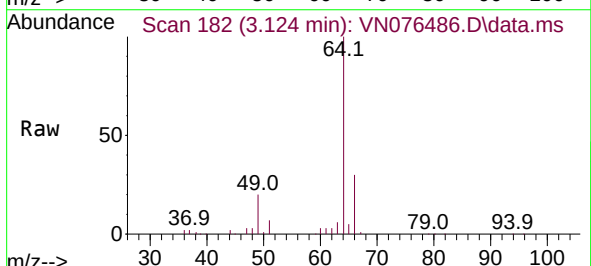
Tgt Ion: 94 Resp: 185404
Ion Ratio Lower Upper
94 100
96 96.1 75.1 112.7

Manual Integrations
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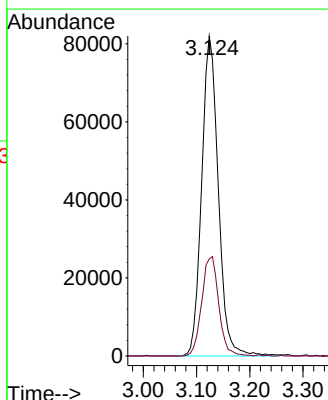
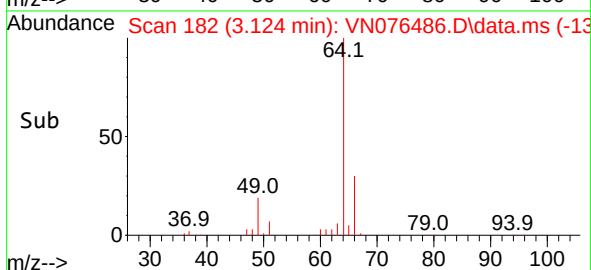
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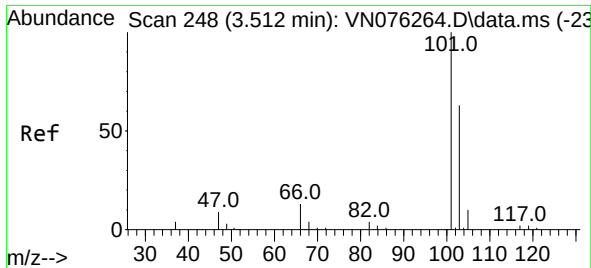


#6
Chloroethane
Concen: 41.234 ug/l
RT: 3.124 min Scan# 182
Delta R.T. -0.000 min
Lab File: VN076486.D
Acq: 31 Jan 2023 17:59



Tgt Ion: 64 Resp: 177759
Ion Ratio Lower Upper
64 100
66 30.3 24.8 37.2





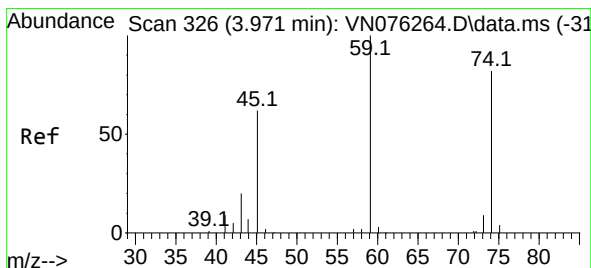
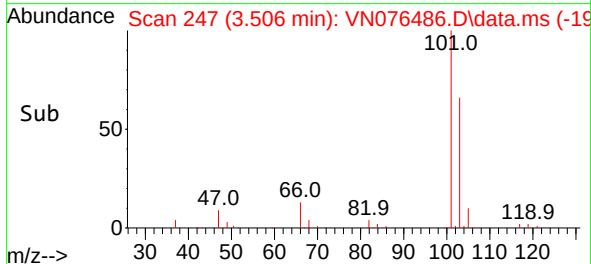
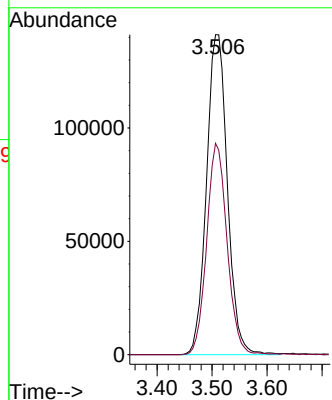
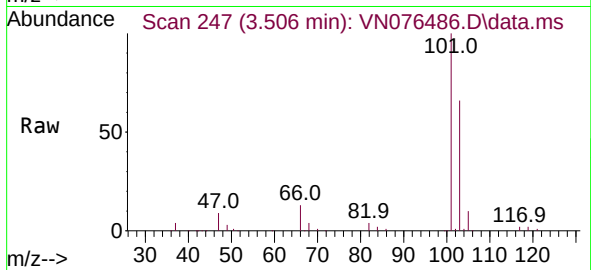
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Trichlorofluoromethane
Concen: 47.152 ug/l
RT: 3.506 min Scan# 248
Delta R.T. -0.006 min
Lab File: VN076486.D
Acq: 31 Jan 2023 17:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 372948
Ion Ratio Lower Upper
101 100
103 66.1 50.2 75.4

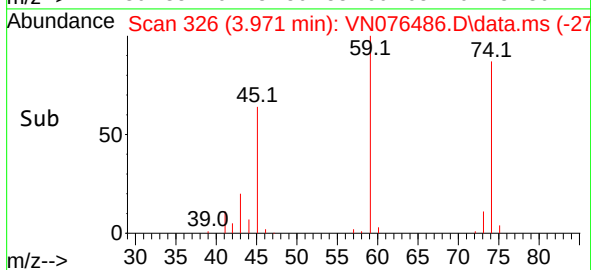
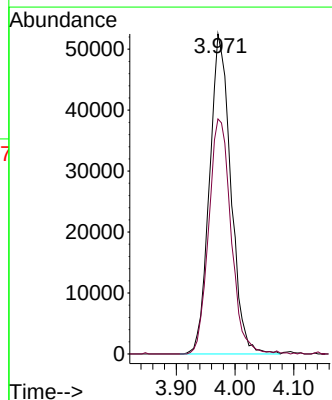
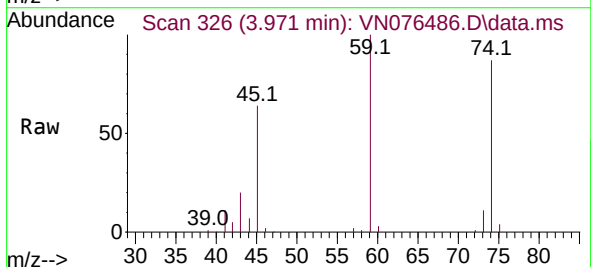
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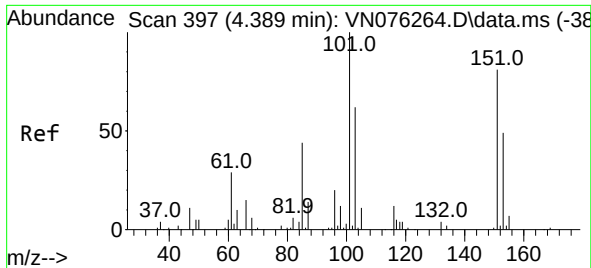
Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023



#8
Diethyl Ether
Concen: 49.893 ug/l
RT: 3.971 min Scan# 326
Delta R.T. -0.000 min
Lab File: VN076486.D
Acq: 31 Jan 2023 17:59

Tgt Ion: 74 Resp: 132363
Ion Ratio Lower Upper
74 100
45 76.8 37.8 113.3





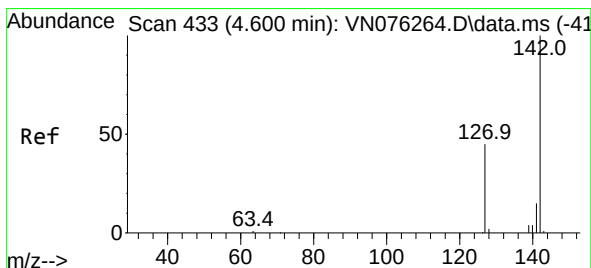
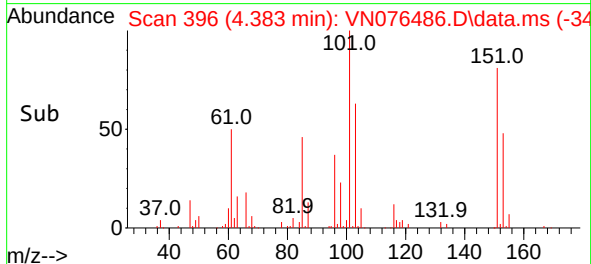
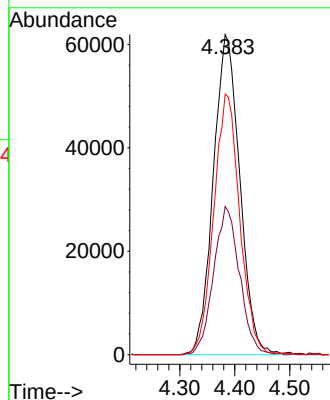
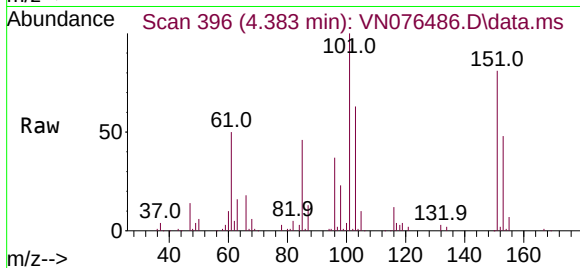
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.221 ug/l
RT: 4.383 min Scan# 397
Delta R.T. -0.006 min
Lab File: VN076486.D
Acq: 31 Jan 2023 17:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 206958
Ion Ratio Lower Upper
101 100
85 45.4 35.5 53.3
151 80.0 65.5 98.3

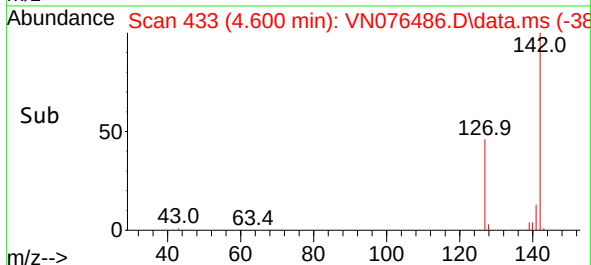
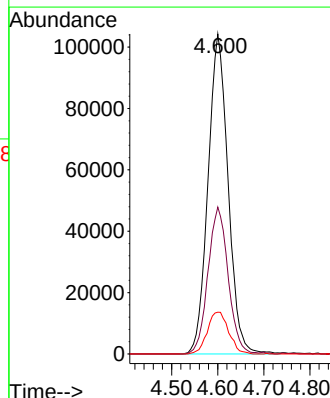
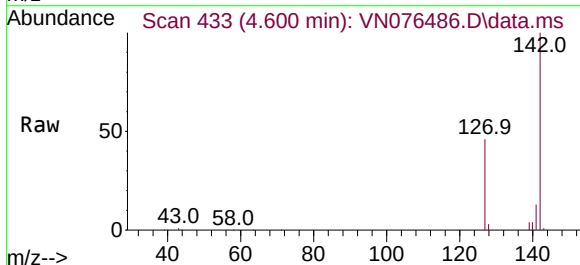
Manual Integrations
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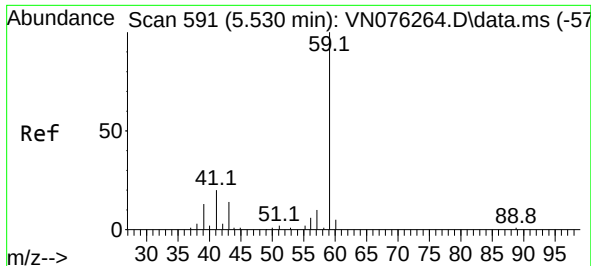
Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023



#10
Methyl Iodide
Concen: 46.193 ug/l
RT: 4.600 min Scan# 433
Delta R.T. 0.000 min
Lab File: VN076486.D
Acq: 31 Jan 2023 17:59

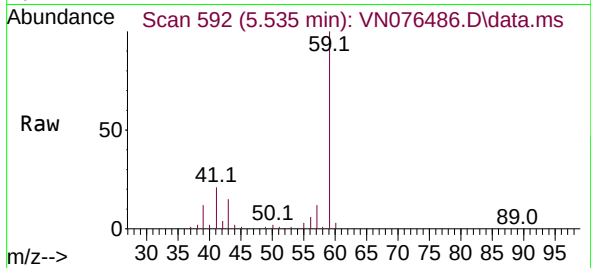
Tgt Ion:142 Resp: 315930
Ion Ratio Lower Upper
142 100
127 46.1 35.0 52.4
141 13.9 11.5 17.3





#11
Tert butyl alcohol
Concen: 294.241 ug/l
RT: 5.535 min Scan# 591
Delta R.T. 0.005 min
Lab File: VN076486.D
Acq: 31 Jan 2023 17:59

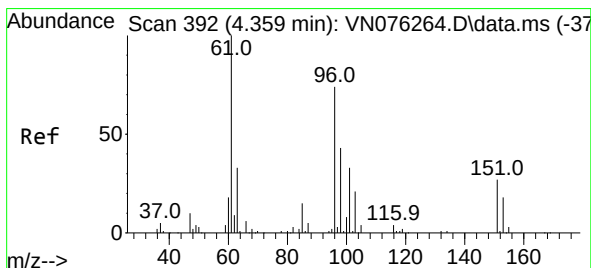
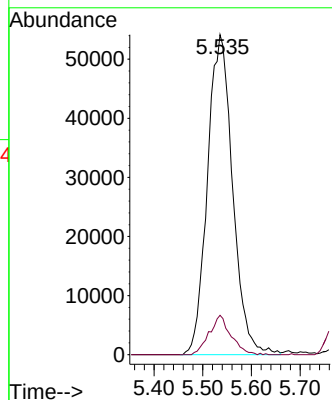
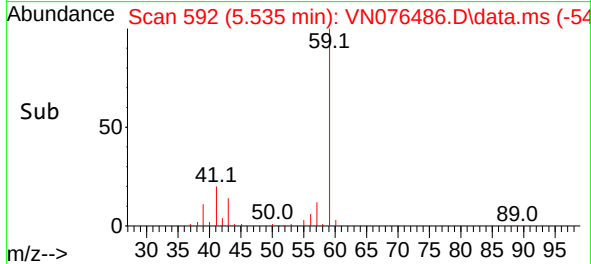
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 194734
Ion Ratio Lower Upper
59 100
57 10.5 8.5 12.7

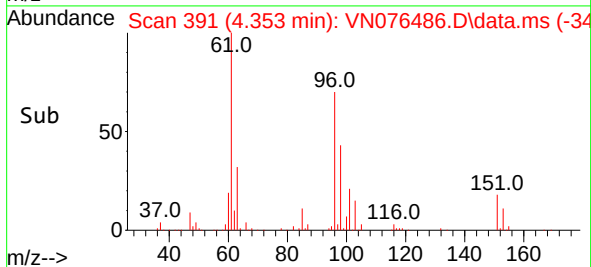
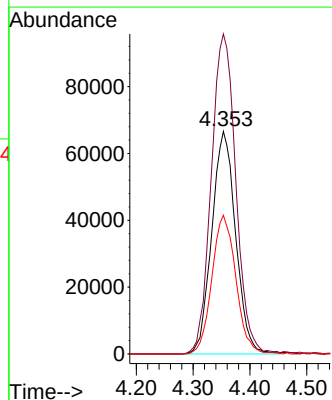
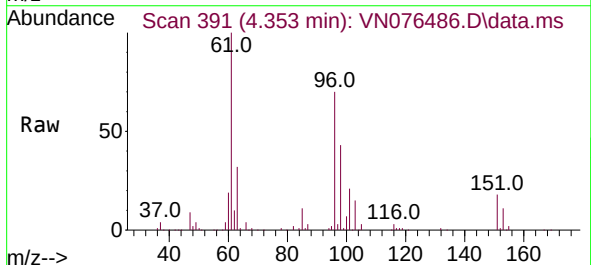
Manual Integrations
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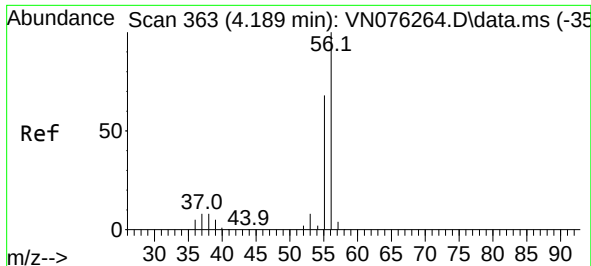
Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023



#12
1,1-Dichloroethene
Concen: 45.908 ug/l
RT: 4.353 min Scan# 391
Delta R.T. -0.006 min
Lab File: VN076486.D
Acq: 31 Jan 2023 17:59

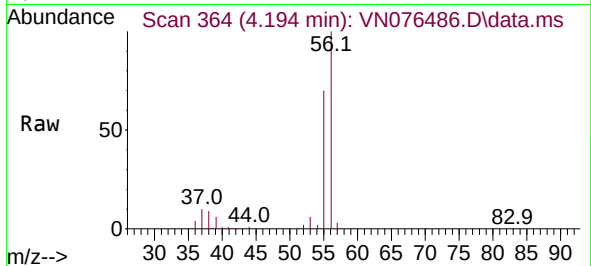
Tgt Ion: 96 Resp: 194311
Ion Ratio Lower Upper
96 100
61 143.7 108.2 162.4
98 62.3 47.0 70.6





#13
Acrolein
Concen: 236.421 ug/l
RT: 4.194 min Scan# 364
Delta R.T. 0.005 min
Lab File: VN076486.D
Acq: 31 Jan 2023 17:59

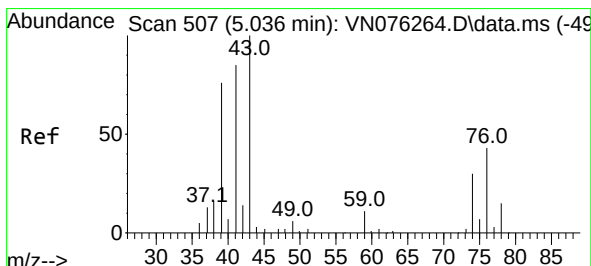
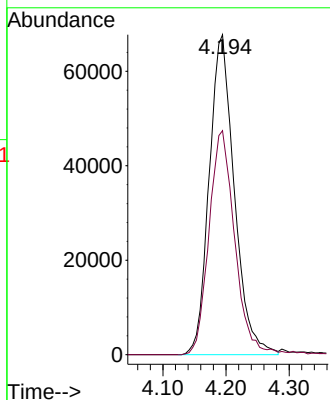
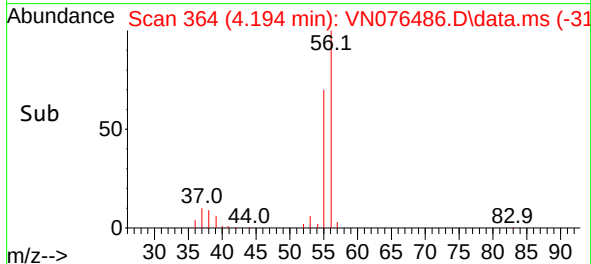
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 18712
Ion Ratio Lower Upper
56 100
55 71.6 55.8 83.6

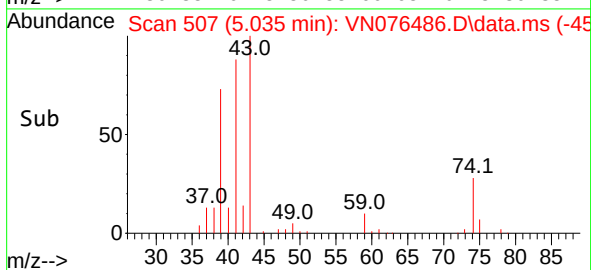
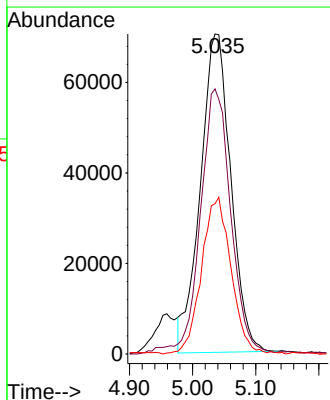
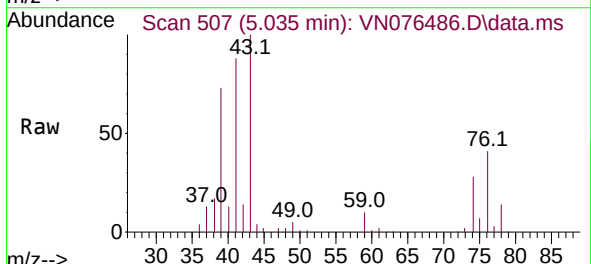
Manual Integrations
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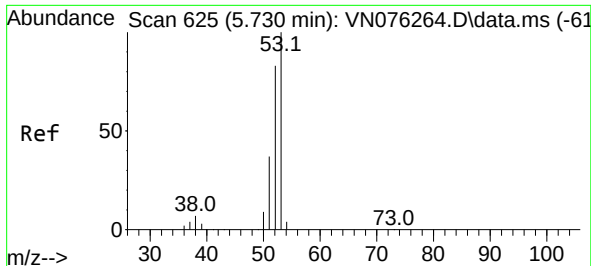
Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023



#14
Allyl chloride
Concen: 47.760 ug/l
RT: 5.035 min Scan# 507
Delta R.T. -0.001 min
Lab File: VN076486.D
Acq: 31 Jan 2023 17:59

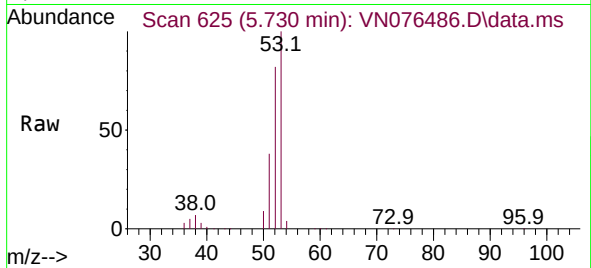
Tgt Ion: 41 Resp: 235578
Ion Ratio Lower Upper
41 100
39 83.5 67.4 101.0
76 47.8 39.8 59.8





#15
Acrylonitrile
Concen: 245.326 ug/l
RT: 5.730 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN076486.D
Acq: 31 Jan 2023 17:59

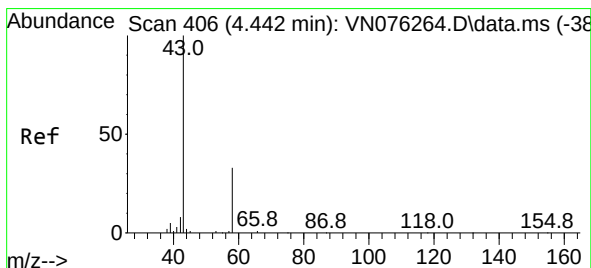
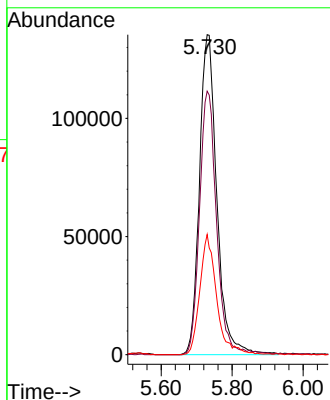
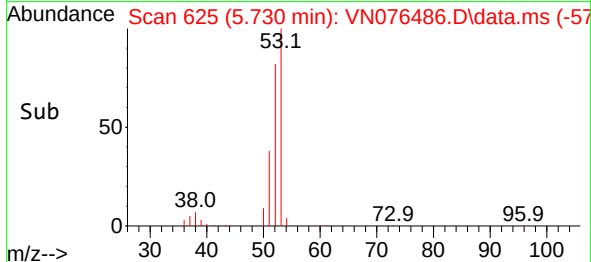
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 462030
Ion Ratio Lower Upper
53 100
52 80.9 64.7 97.1
51 36.3 29.2 43.8

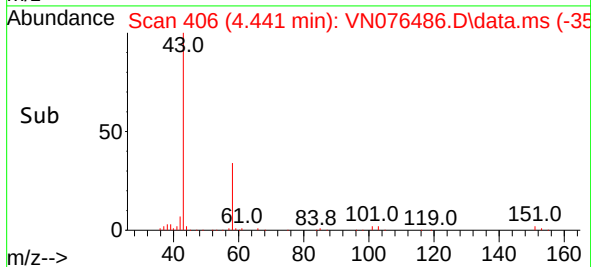
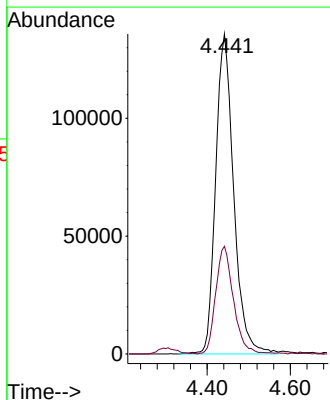
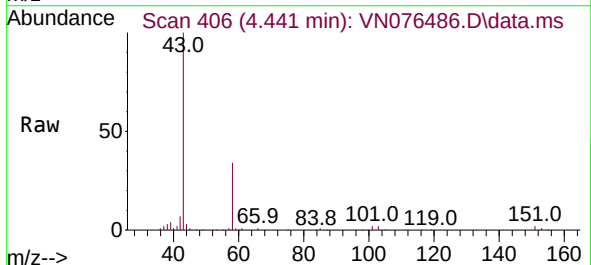
Manual Integrations
APPROVED

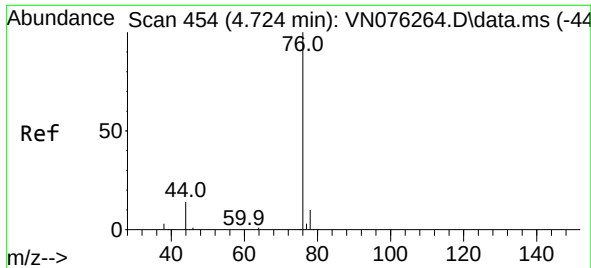
Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023



#16
Acetone
Concen: 257.389 ug/l
RT: 4.441 min Scan# 406
Delta R.T. -0.001 min
Lab File: VN076486.D
Acq: 31 Jan 2023 17:59

Tgt Ion: 43 Resp: 408256
Ion Ratio Lower Upper
43 100
58 33.3 26.7 40.1





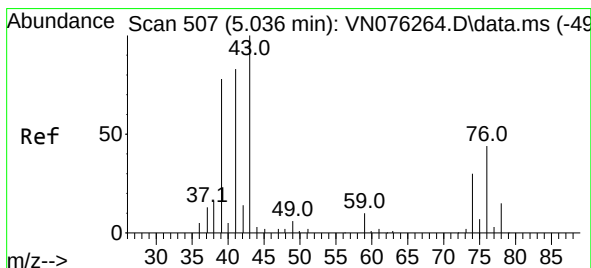
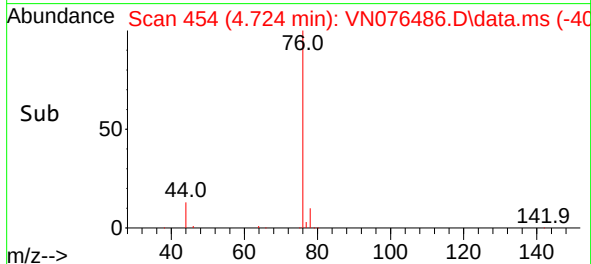
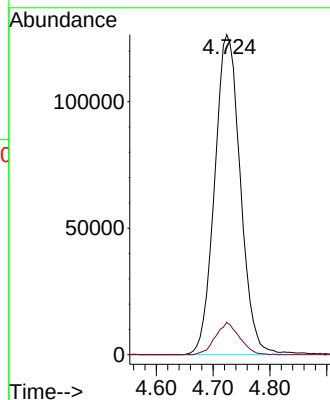
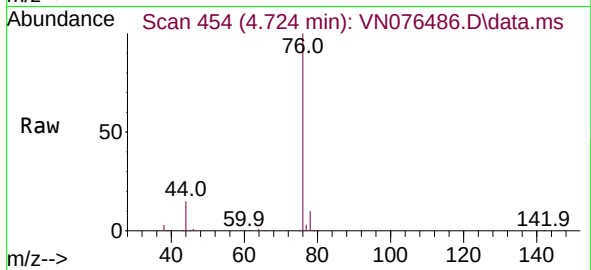
#17
Carbon Disulfide
Concen: 37.700 ug/l
RT: 4.724 min Scan# 454
Delta R.T. -0.000 min
Lab File: VN076486.D
Acq: 31 Jan 2023 17:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 397310
Ion Ratio Lower Upper
76 100
78 10.1 8.0 12.0

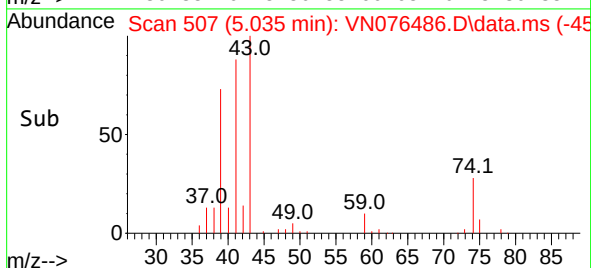
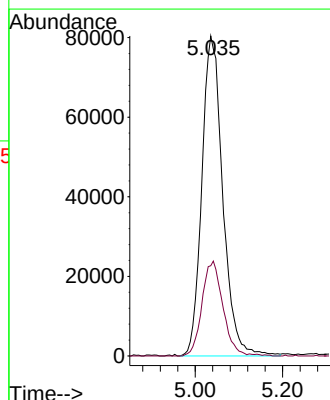
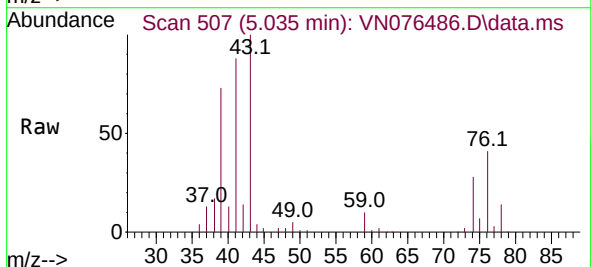
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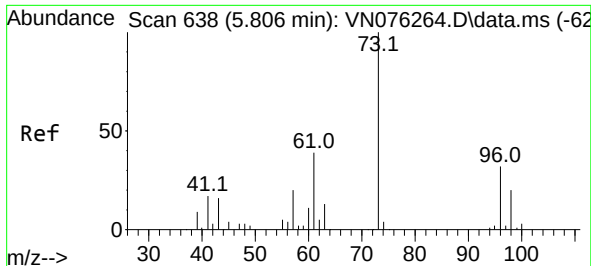
Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023



#18
Methyl Acetate
Concen: 49.858 ug/l
RT: 5.035 min Scan# 507
Delta R.T. -0.001 min
Lab File: VN076486.D
Acq: 31 Jan 2023 17:59

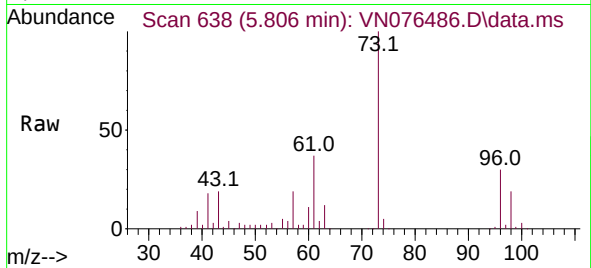
Tgt Ion: 43 Resp: 268010
Ion Ratio Lower Upper
43 100
74 29.7 23.3 34.9





#19
Methyl tert-butyl Ether
Concen: 51.087 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076486.D
Acq: 31 Jan 2023 17:59

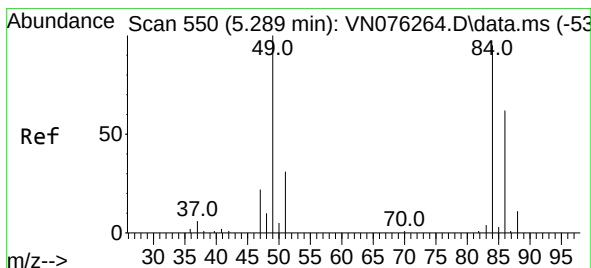
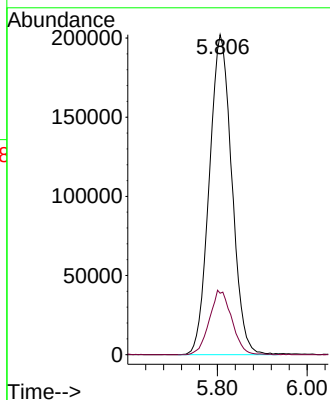
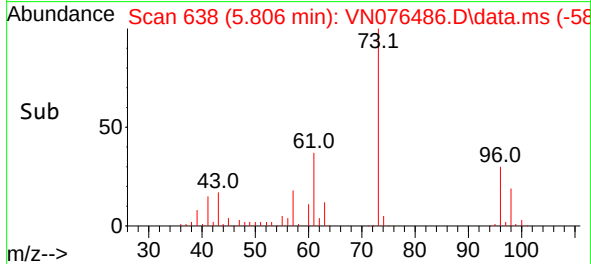
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



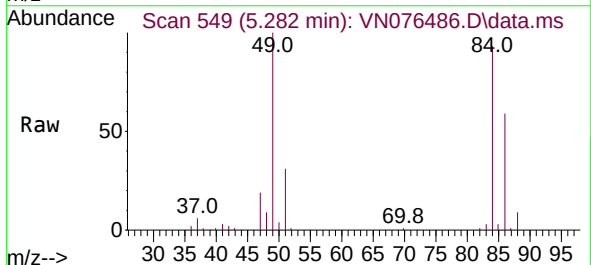
Tgt Ion: 73 Resp: 70395
Ion Ratio Lower Upper
73 100
57 19.2 15.9 23.9

Manual Integrations
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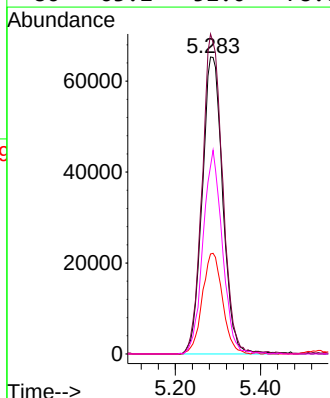
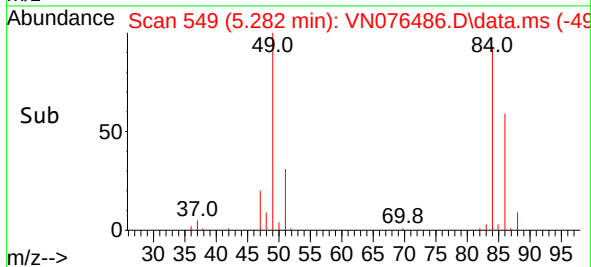
Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023

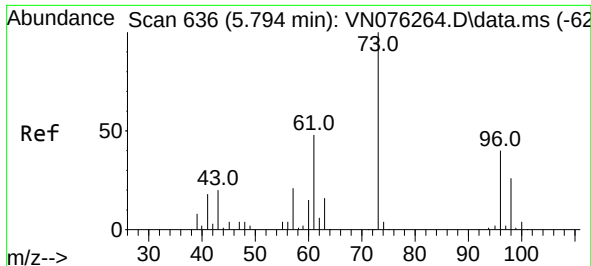


#20
Methylene Chloride
Concen: 46.331 ug/l
RT: 5.282 min Scan# 549
Delta R.T. -0.006 min
Lab File: VN076486.D
Acq: 31 Jan 2023 17:59



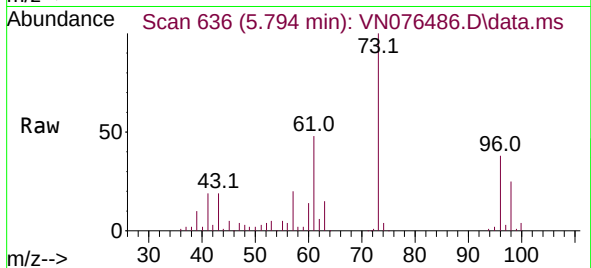
Tgt Ion: 84 Resp: 217661
Ion Ratio Lower Upper
84 100
49 107.8 84.5 126.7
51 33.7 26.0 39.0
86 63.2 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 44.704 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076486.D
Acq: 31 Jan 2023 17:59

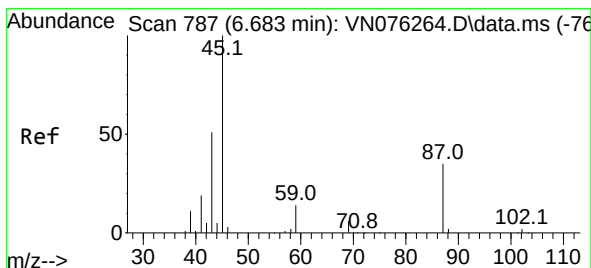
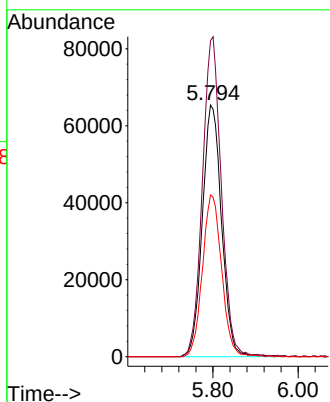
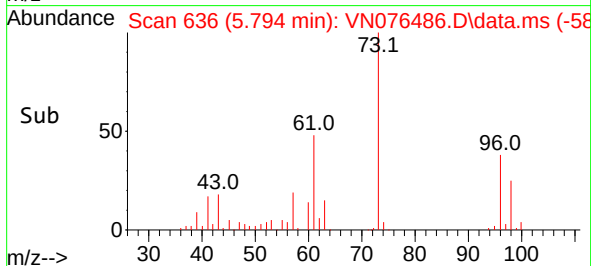
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 20498
Ion Ratio Lower Upper
96 100
61 125.6 97.0 145.4
98 64.3 51.9 77.9

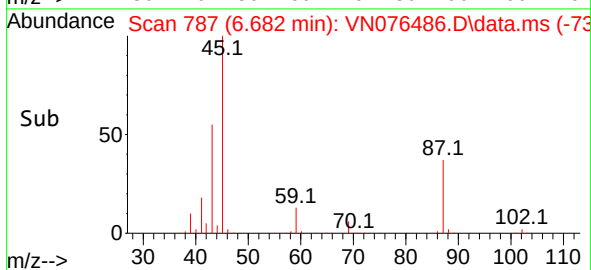
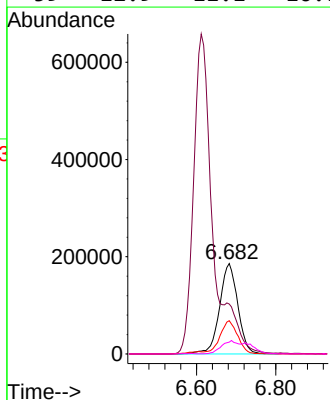
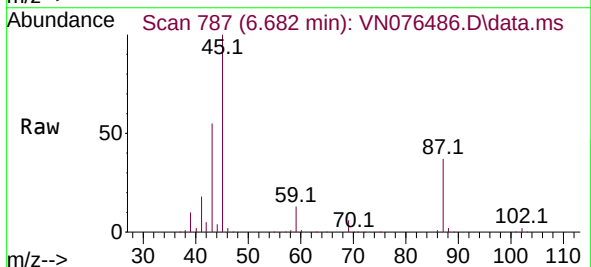
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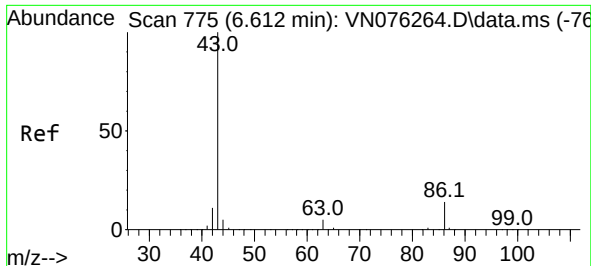
Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023



#22
Diisopropyl ether
Concen: 51.188 ug/l
RT: 6.682 min Scan# 787
Delta R.T. -0.001 min
Lab File: VN076486.D
Acq: 31 Jan 2023 17:59

Tgt Ion: 45 Resp: 595419
Ion Ratio Lower Upper
45 100
43 54.4 44.4 66.6
87 36.9 28.4 42.6
59 12.9 11.1 16.7





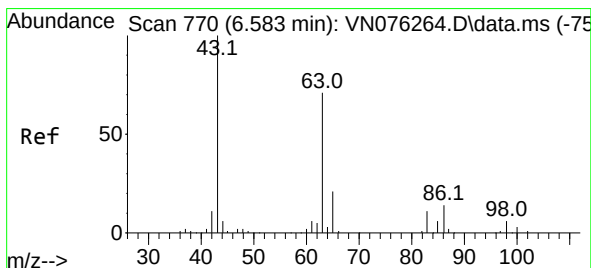
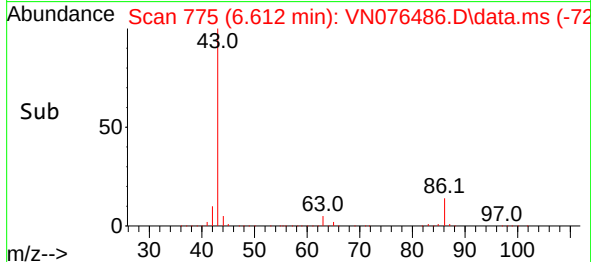
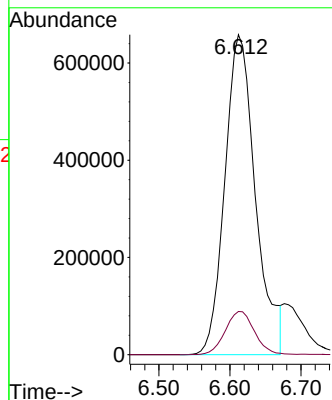
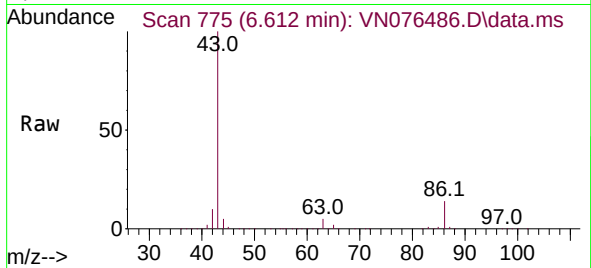
#23
 Vinyl Acetate
 Concen: 262.522 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. -0.000 min
 Lab File: VN076486.D
 Acq: 31 Jan 2023 17:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 197356
 Ion Ratio Lower Upper
 43 100
 86 13.5 11.2 16.8

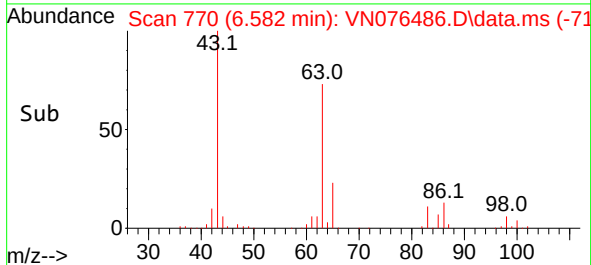
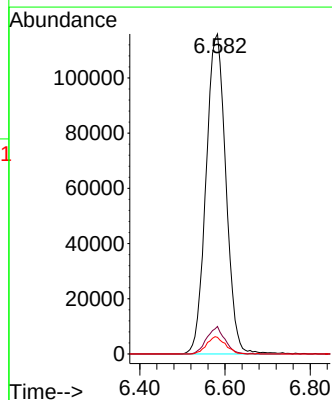
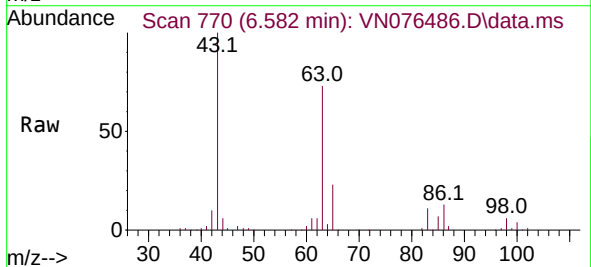
Manual Integrations
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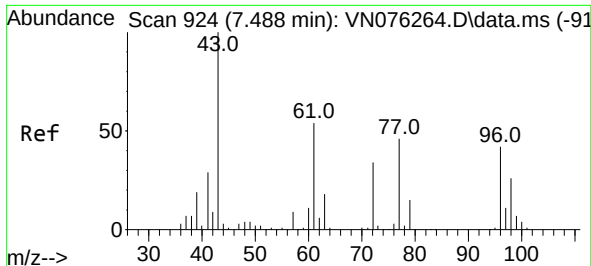
Reviewed By :John Carlone 02/01/2023
 Supervised By :Mahesh Dadoda 02/01/2023



#24
 1,1-Dichloroethane
 Concen: 48.284 ug/l
 RT: 6.582 min Scan# 770
 Delta R.T. -0.001 min
 Lab File: VN076486.D
 Acq: 31 Jan 2023 17:59

Tgt Ion: 63 Resp: 374376
 Ion Ratio Lower Upper
 63 100
 98 8.6 3.9 11.7
 100 5.2 2.2 6.6





#25

2-Butanone

Concen: 248.270 ug/l

RT: 7.488 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN076486.D

Acq: 31 Jan 2023 17:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 60144

Ion Ratio Lower Upper

43 100

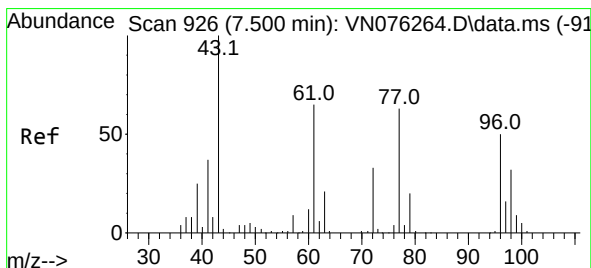
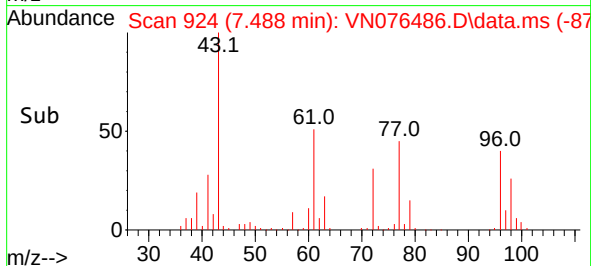
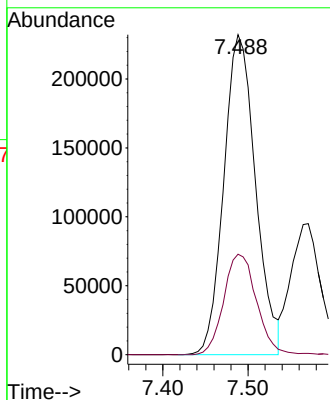
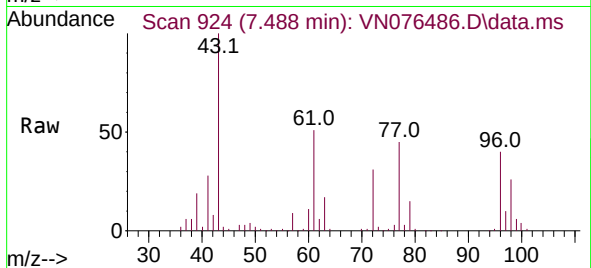
72 31.4 27.4 41.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2023

Supervised By :Mahesh Dadoda 02/01/2023



#26

2,2-Dichloropropane

Concen: 51.165 ug/l

RT: 7.500 min Scan# 926

Delta R.T. 0.000 min

Lab File: VN076486.D

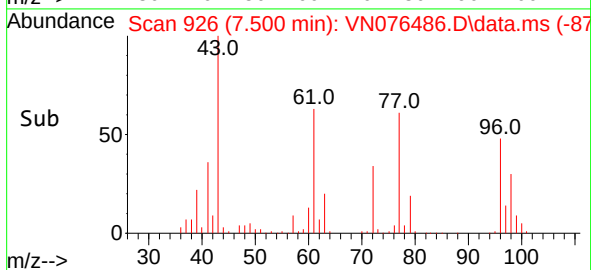
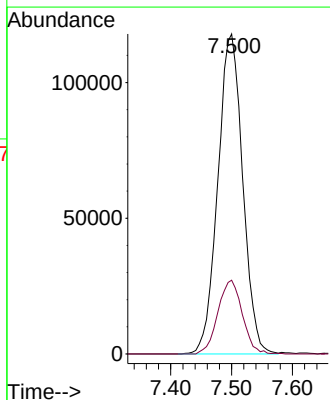
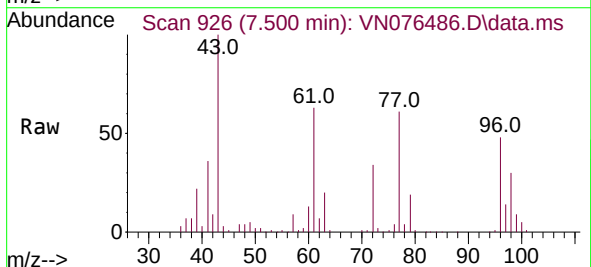
Acq: 31 Jan 2023 17:59

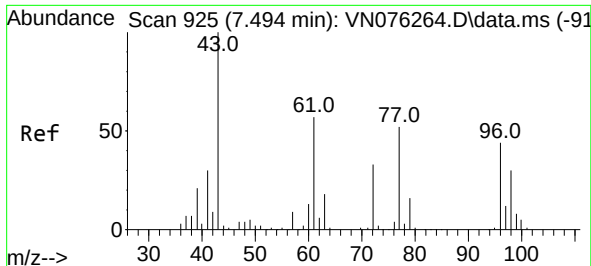
Tgt Ion: 77 Resp: 334359

Ion Ratio Lower Upper

77 100

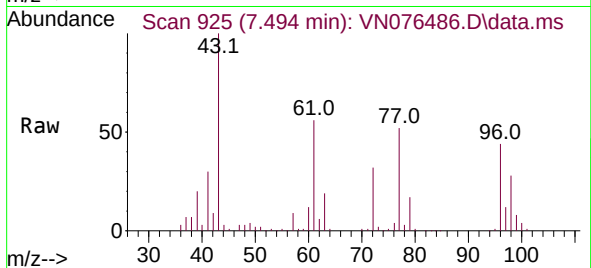
97 22.6 11.8 35.4





#27
 cis-1,2-Dichloroethene
 Concen: 48.017 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN076486.D
 Acq: 31 Jan 2023 17:59

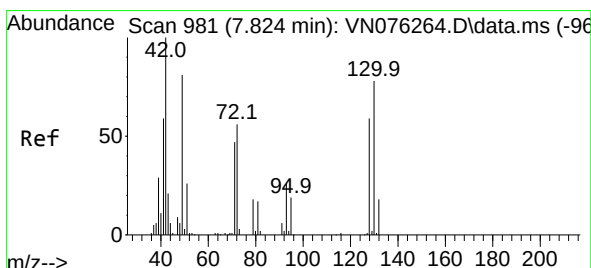
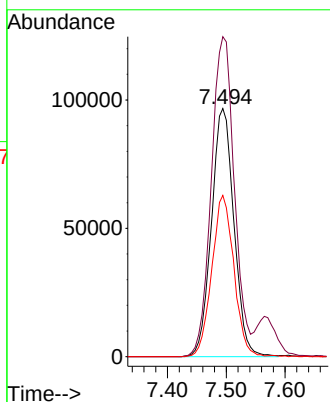
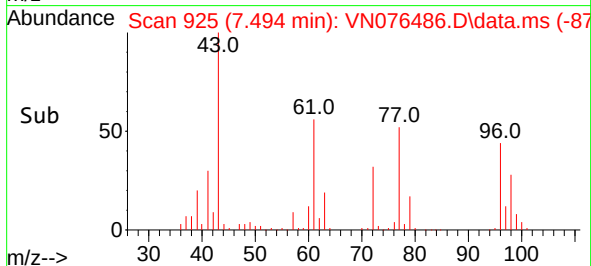
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 256790
 Ion Ratio Lower Upper
 96 100
 61 132.1 0.0 259.6
 98 63.7 0.0 129.4

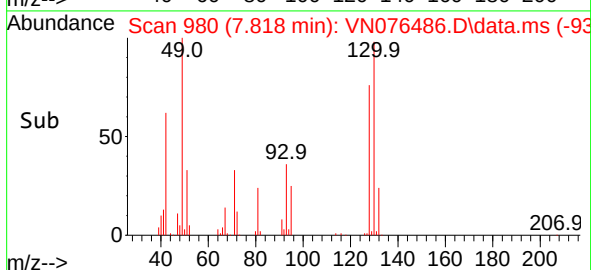
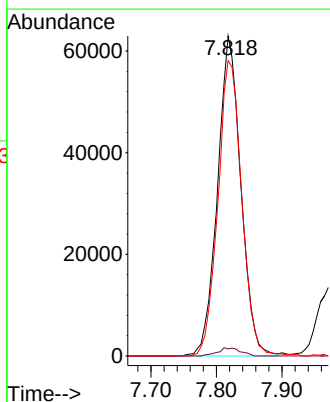
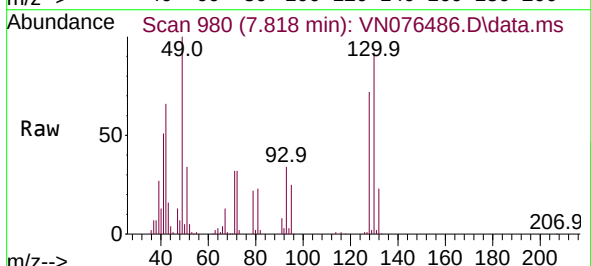
Manual Integrations
 APPROVED

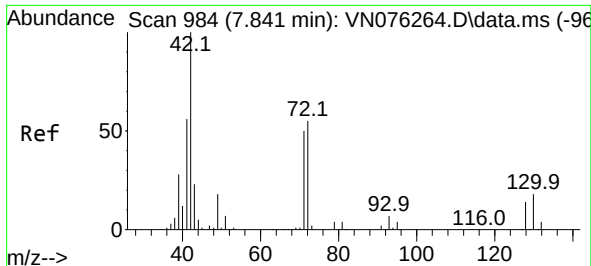
Reviewed By :John Carlone 02/01/2023
 Supervised By :Mahesh Dadoda 02/01/2023



#28
 Bromochloromethane
 Concen: 49.341 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. -0.006 min
 Lab File: VN076486.D
 Acq: 31 Jan 2023 17:59

Tgt Ion: 49 Resp: 155067
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 5.2
 130 94.3 76.0 114.0





#29

Tetrahydrofuran

Concen: 253.066 ug/l

RT: 7.841 min Scan# 984

Delta R.T. 0.000 min

Lab File: VN076486.D

Acq: 31 Jan 2023 17:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 37837

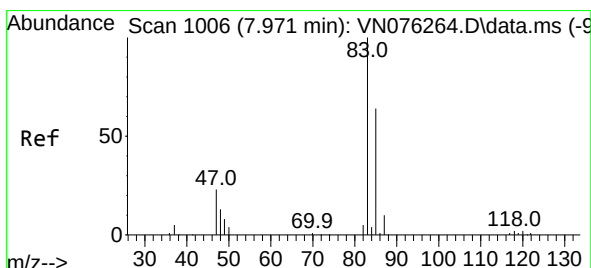
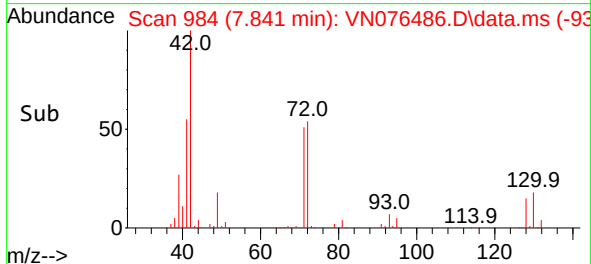
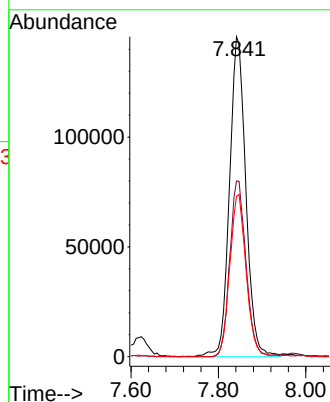
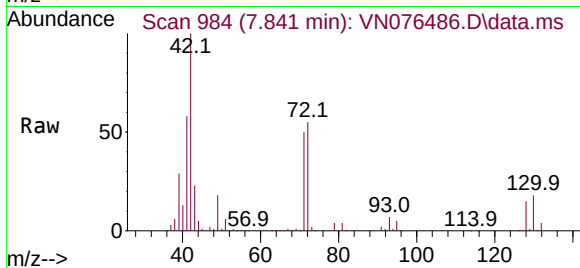
Ion	Ratio	Lower	Upper
42	100		
72	54.5	44.0	66.0
71	50.4	41.1	61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2023

Supervised By :Mahesh Dadoda 02/01/2023



#30

Chloroform

Concen: 50.082 ug/l

RT: 7.971 min Scan# 1006

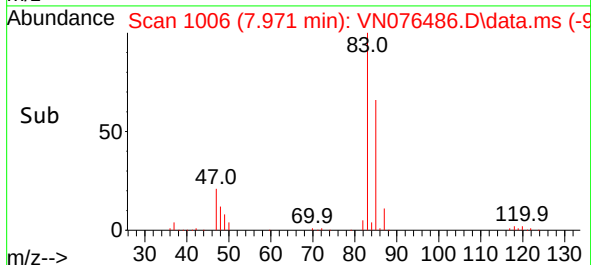
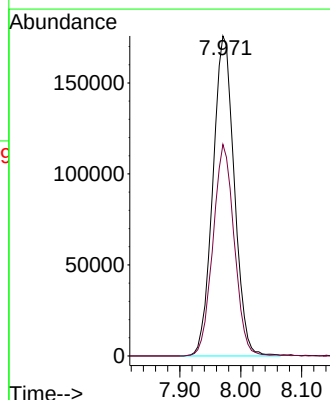
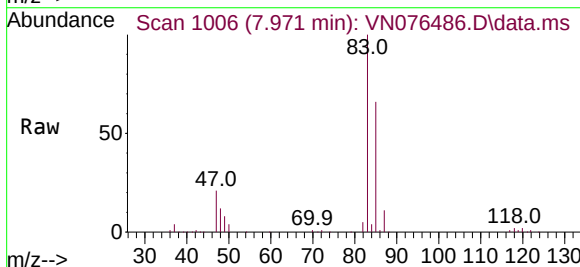
Delta R.T. -0.000 min

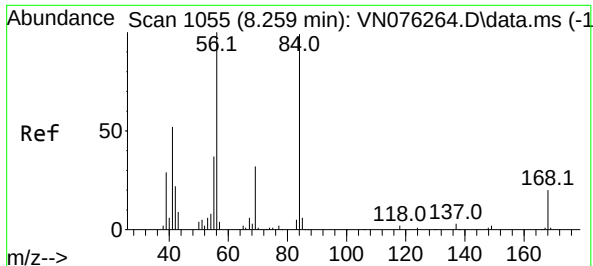
Lab File: VN076486.D

Acq: 31 Jan 2023 17:59

Tgt Ion: 83 Resp: 429674

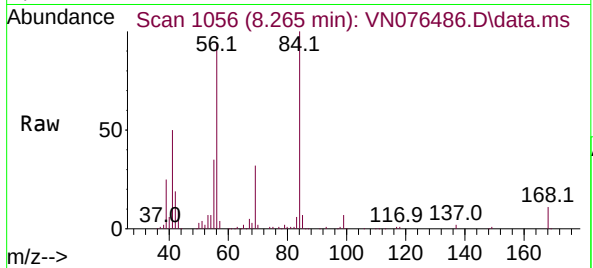
Ion	Ratio	Lower	Upper
83	100		
85	66.1	51.0	76.6





#31
Cyclohexane
Concen: 39.624 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN076486.D
Acq: 31 Jan 2023 17:59

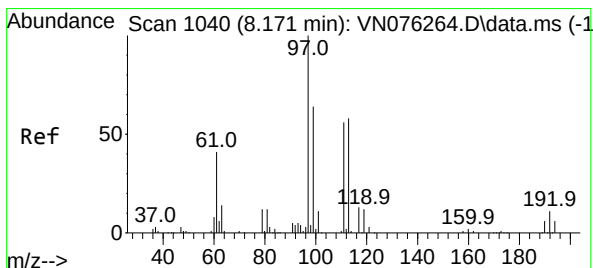
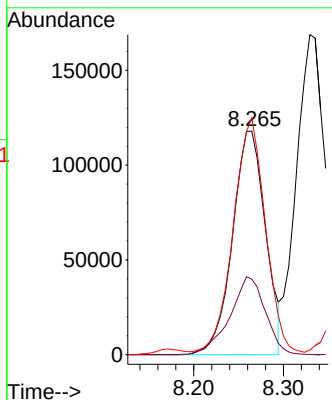
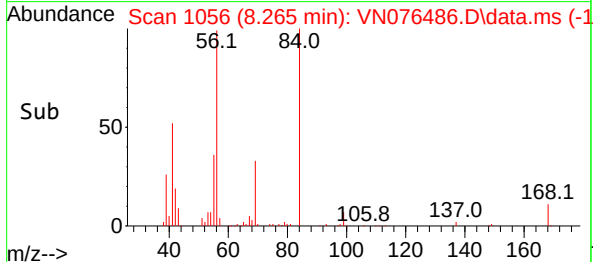
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



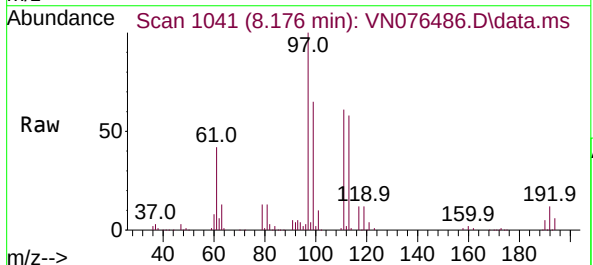
Tgt Ion: 56 Resp: 30117
Ion Ratio Lower Upper
56 100
69 33.8 25.8 38.8
84 104.0 79.0 118.4

Manual Integrations
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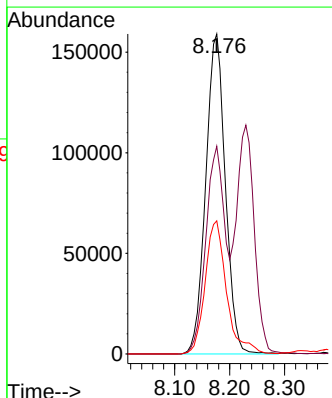
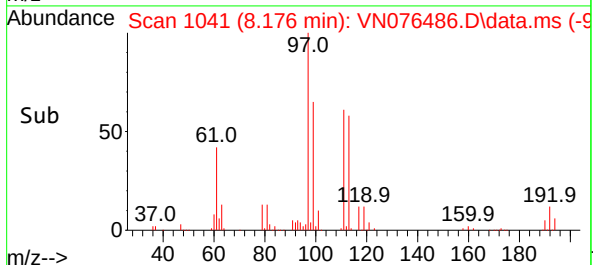
Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023

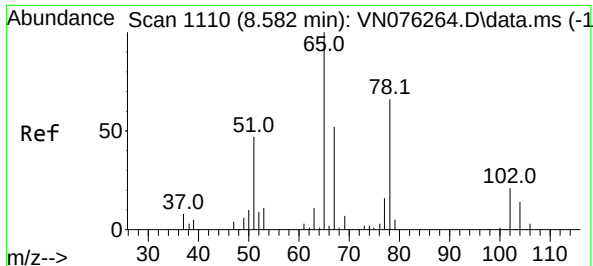


#32
1,1,1-Trichloroethane
Concen: 50.330 ug/l
RT: 8.176 min Scan# 1041
Delta R.T. 0.005 min
Lab File: VN076486.D
Acq: 31 Jan 2023 17:59



Tgt Ion: 97 Resp: 394232
Ion Ratio Lower Upper
97 100
99 63.9 55.0 82.4
61 45.5 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 53.411 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN076486.D

Acq: 31 Jan 2023 17:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 264274

Ion Ratio Lower Upper

65 100

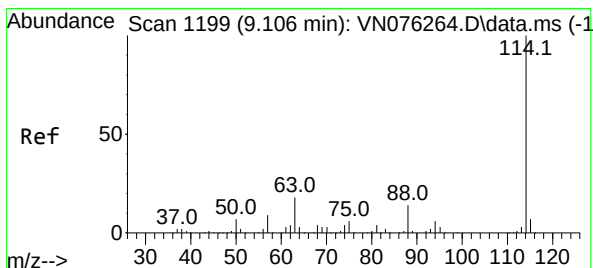
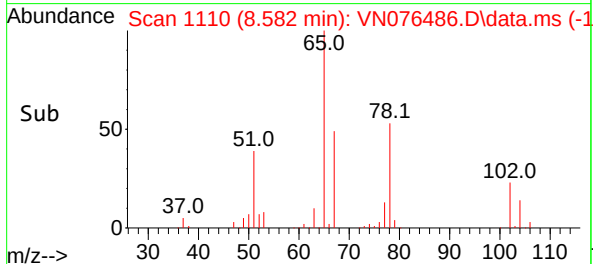
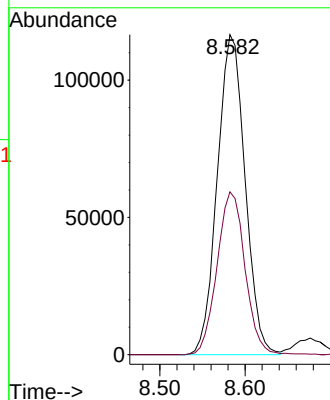
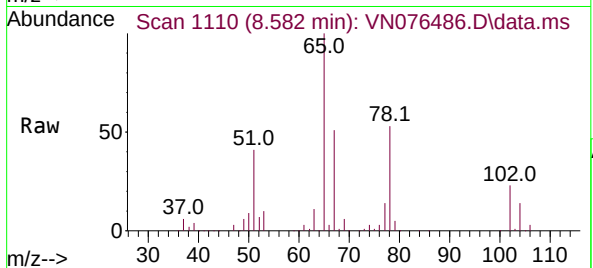
67 51.3 0.0 104.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2023

Supervised By :Mahesh Dadoda 02/01/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076486.D

Acq: 31 Jan 2023 17:59

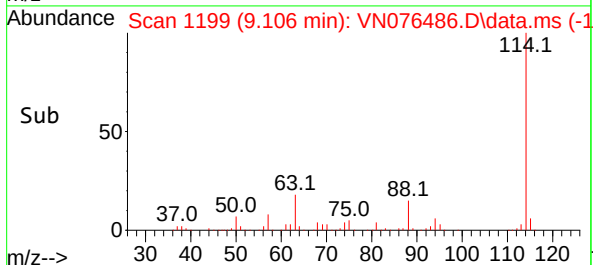
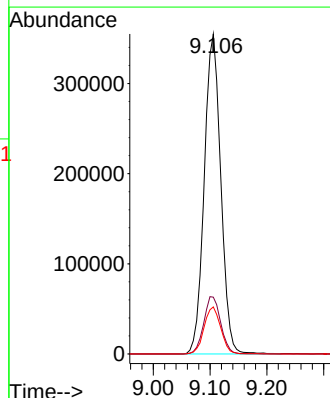
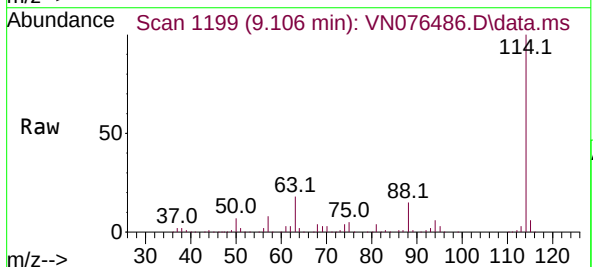
Tgt Ion:114 Resp: 716812

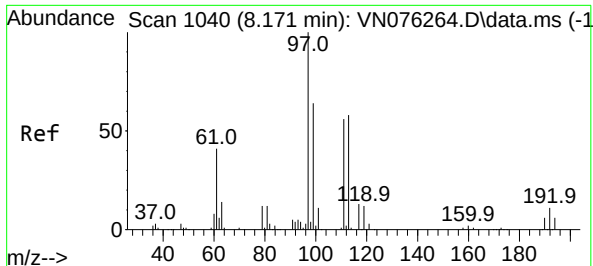
Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.8

88 14.7 0.0 28.0





#35

Dibromofluoromethane

Concen: 51.983 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076486.D

Acq: 31 Jan 2023 17:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 233089

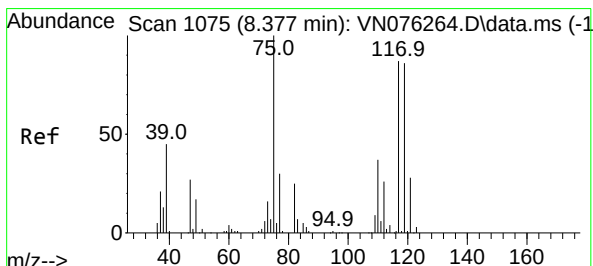
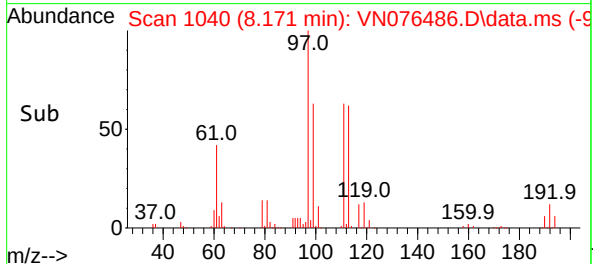
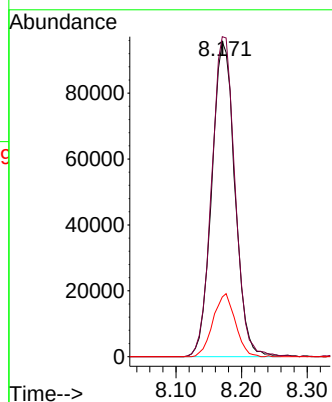
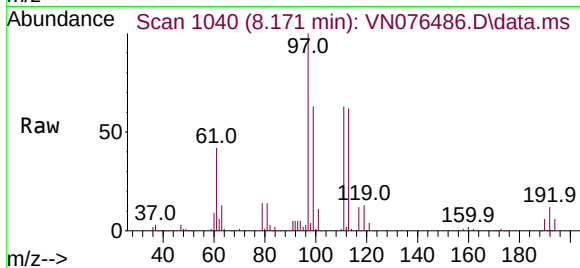
Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.7	124.1
192	19.3	15.6	23.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2023

Supervised By :Mahesh Dadoda 02/01/2023



#36

1,1-Dichloropropene

Concen: 45.598 ug/l

RT: 8.376 min Scan# 1075

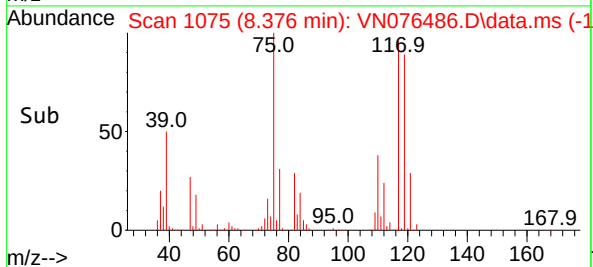
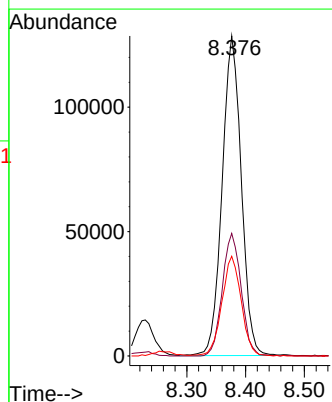
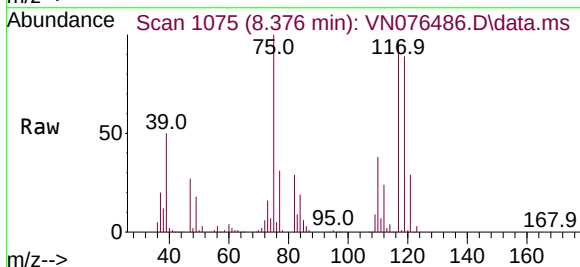
Delta R.T. -0.001 min

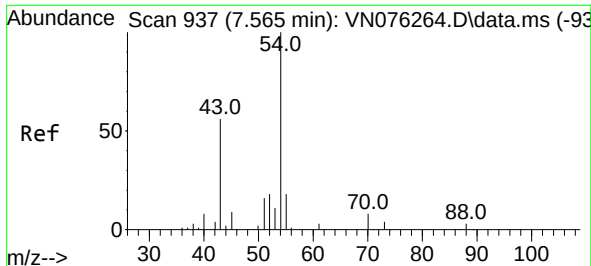
Lab File: VN076486.D

Acq: 31 Jan 2023 17:59

Tgt Ion: 75 Resp: 290535

Ion	Ratio	Lower	Upper
75	100		
110	37.9	18.8	56.3
77	31.6	25.0	37.4





#37

Ethyl Acetate

Concen: 47.384 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN076486.D

Acq: 31 Jan 2023 17:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 24215

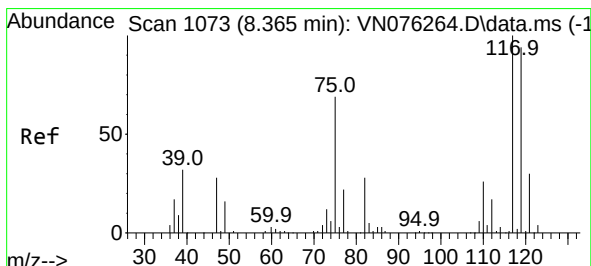
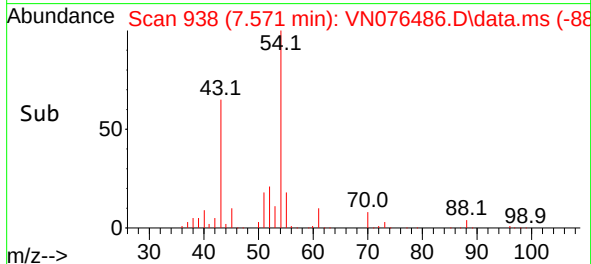
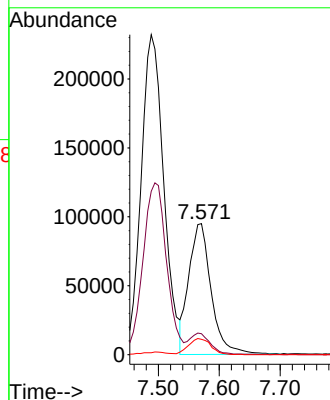
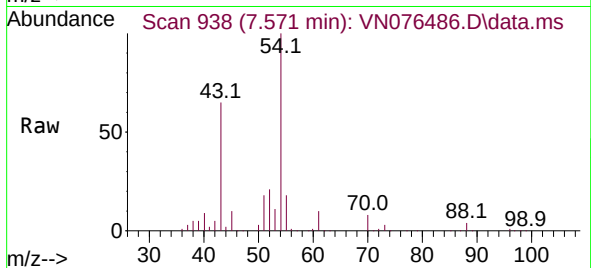
Ion	Ratio	Lower	Upper
43	100		
61	14.6	11.1	16.7
70	12.3	10.0	15.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2023

Supervised By :Mahesh Dadoda 02/01/2023



#38

Carbon Tetrachloride

Concen: 48.423 ug/l

RT: 8.365 min Scan# 1073

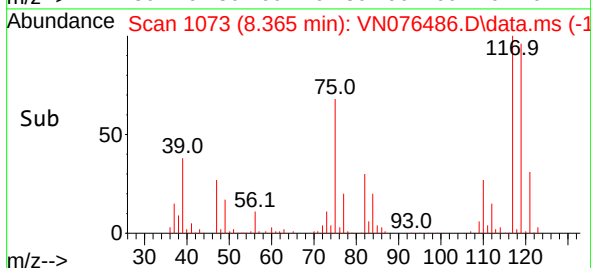
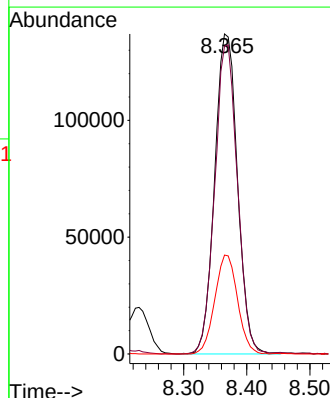
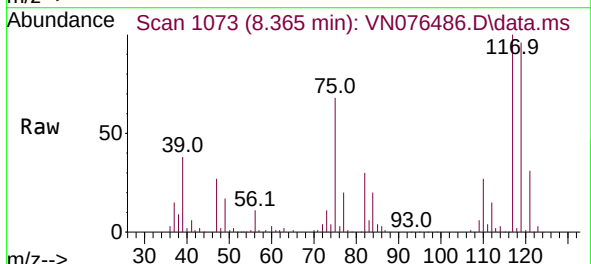
Delta R.T. -0.000 min

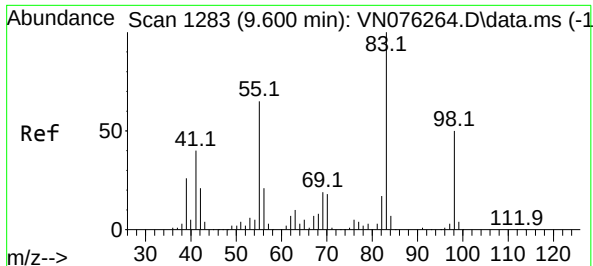
Lab File: VN076486.D

Acq: 31 Jan 2023 17:59

Tgt Ion:117 Resp: 344058

Ion	Ratio	Lower	Upper
117	100		
119	96.2	75.4	113.0
121	30.9	24.2	36.2





#39

Methylcyclohexane

Concen: 45.222 ug/l

RT: 9.606 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN076486.D

Acq: 31 Jan 2023 17:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

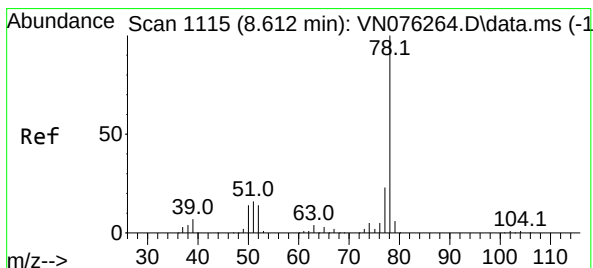
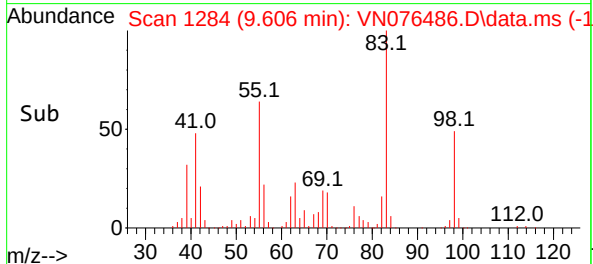
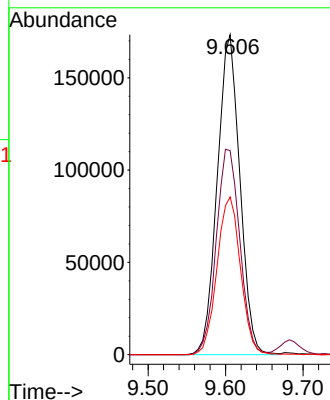
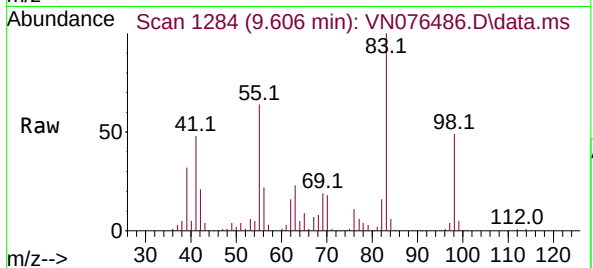
Tgt Ion: 83 Resp: 35186
 Ion Ratio Lower Upper
 83 100
 55 63.8 51.7 77.5
 98 49.3 40.0 60.0

Manual Integrations

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Reviewed By :John Carlone 02/01/2023

Supervised By :Mahesh Dadoda 02/01/2023



#40

Benzene

Concen: 46.514 ug/l

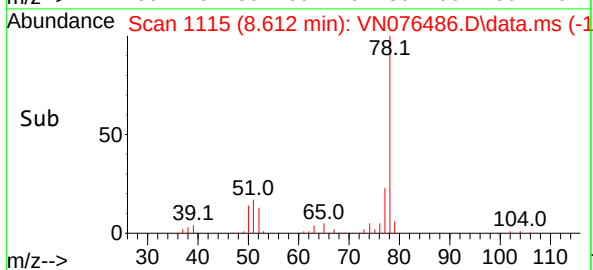
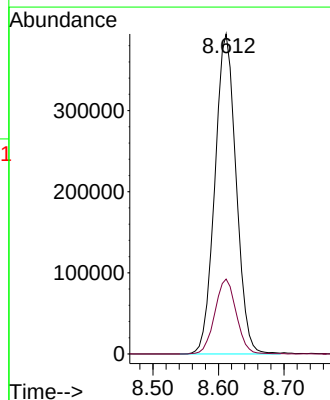
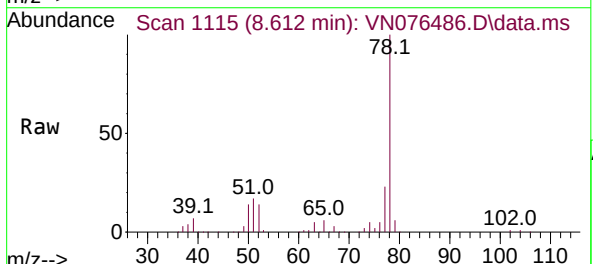
RT: 8.612 min Scan# 1115

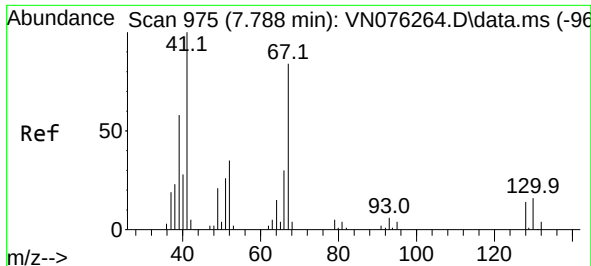
Delta R.T. -0.000 min

Lab File: VN076486.D

Acq: 31 Jan 2023 17:59

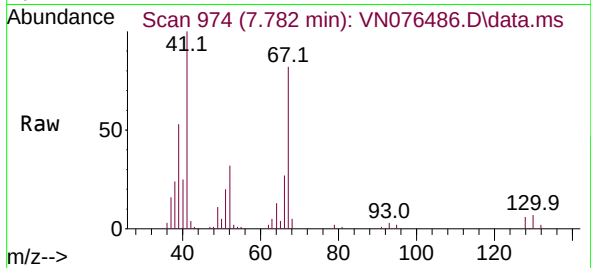
Tgt Ion: 78 Resp: 886198
 Ion Ratio Lower Upper
 78 100
 77 23.4 18.6 28.0





#41
Methacrylonitrile
Concen: 50.989 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN076486.D
Acq: 31 Jan 2023 17:59

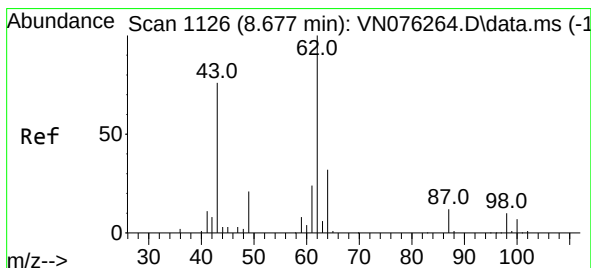
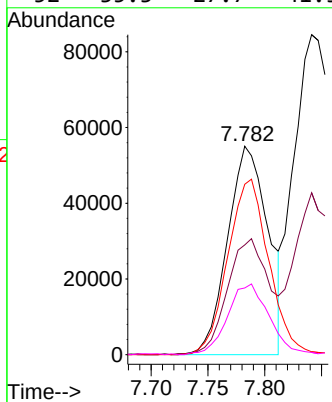
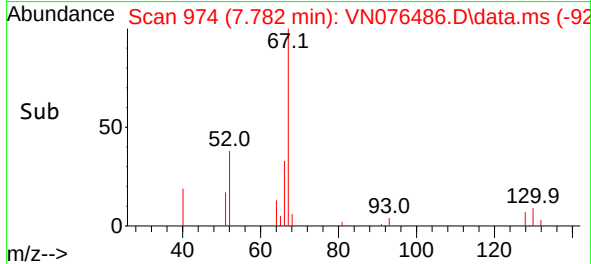
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 136440
Ion Ratio Lower Upper
41 100
39 57.1 42.4 63.6
67 86.2 68.8 103.2
52 35.3 27.7 41.5

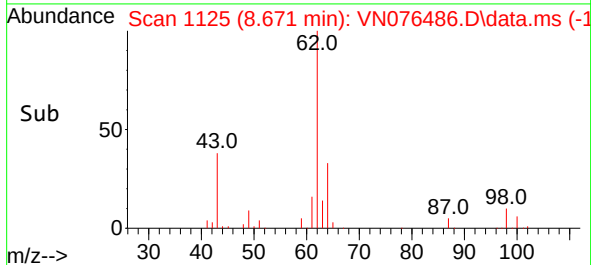
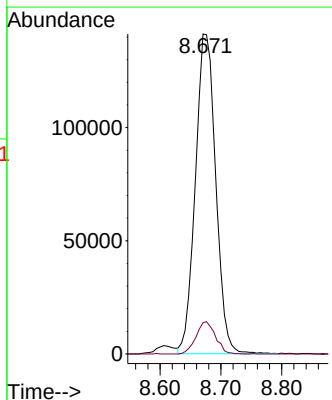
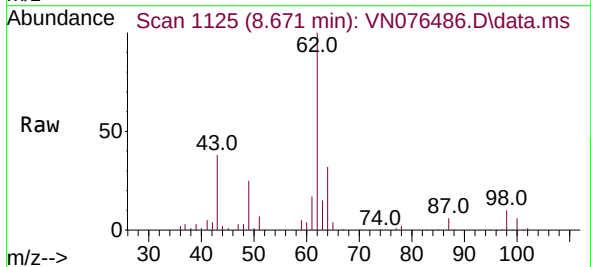
Manual Integrations
APPROVED

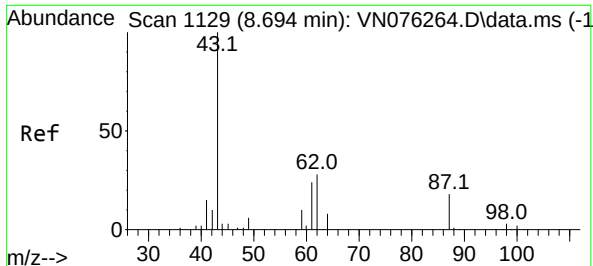
Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023



#42
1,2-Dichloroethane
Concen: 50.323 ug/l
RT: 8.671 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN076486.D
Acq: 31 Jan 2023 17:59

Tgt Ion: 62 Resp: 328037
Ion Ratio Lower Upper
62 100
98 9.6 0.0 20.4





#43

Isopropyl Acetate

Concen: 50.678 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN076486.D

Acq: 31 Jan 2023 17:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 421335

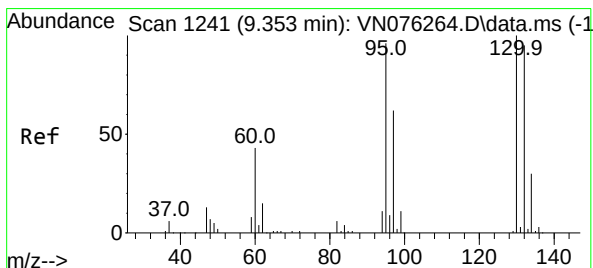
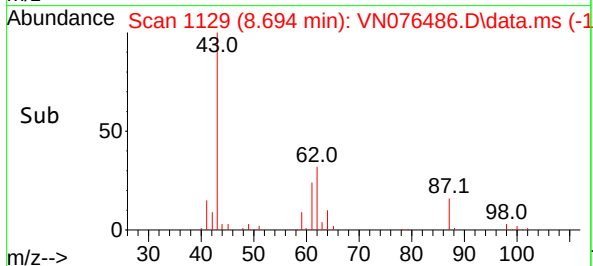
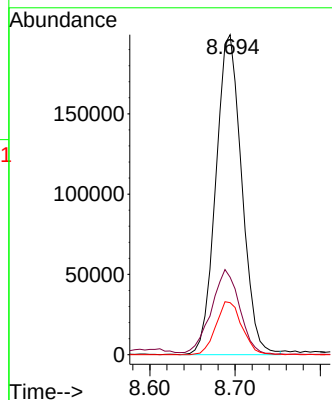
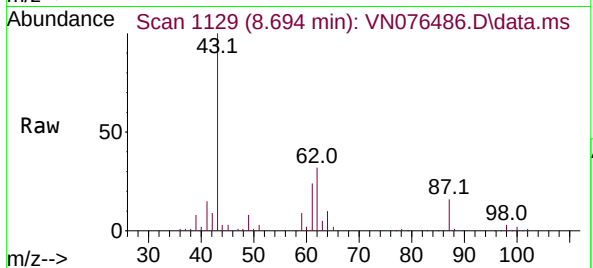
Ion	Ratio	Lower	Upper
43	100		
61	29.2	23.5	35.3
87	16.6	13.8	20.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2023

Supervised By :Mahesh Dadoda 02/01/2023



#44

Trichloroethene

Concen: 44.797 ug/l

RT: 9.353 min Scan# 1241

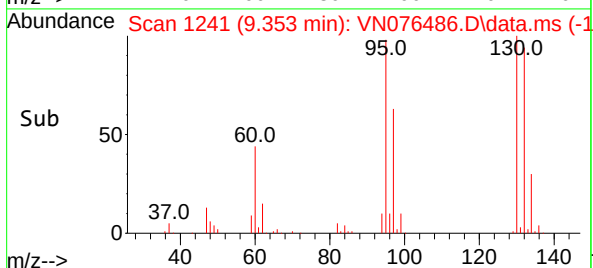
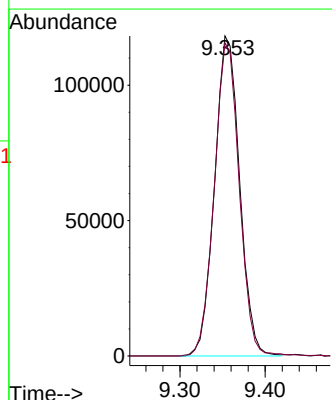
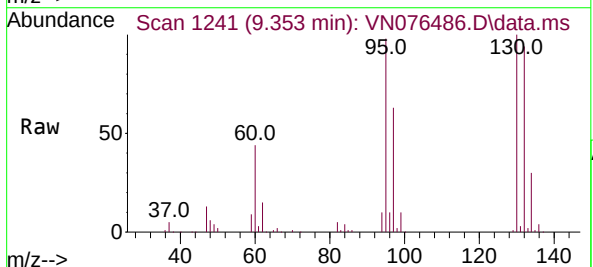
Delta R.T. -0.000 min

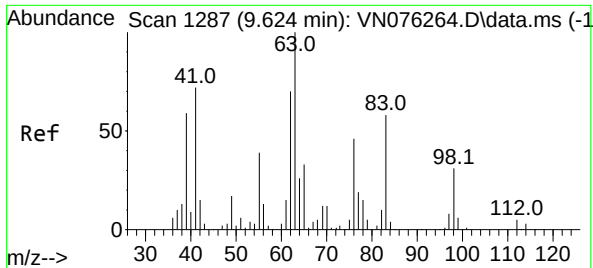
Lab File: VN076486.D

Acq: 31 Jan 2023 17:59

Tgt Ion:130 Resp: 241389

Ion	Ratio	Lower	Upper
130	100		
95	97.8	0.0	192.0





#45

1,2-Dichloropropane

Concen: 47.662 ug/l

RT: 9.623 min Scan# 1287

Delta R.T. -0.001 min

Lab File: VN076486.D

Acq: 31 Jan 2023 17:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 217408

Ion Ratio Lower Upper

63 100

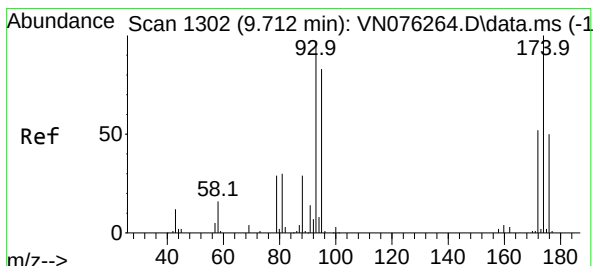
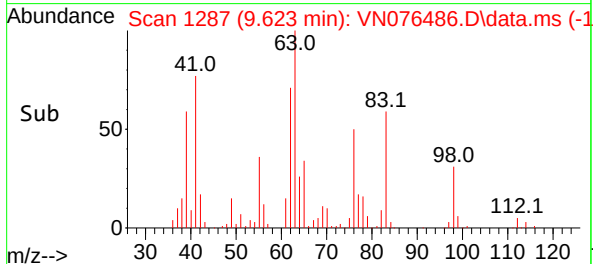
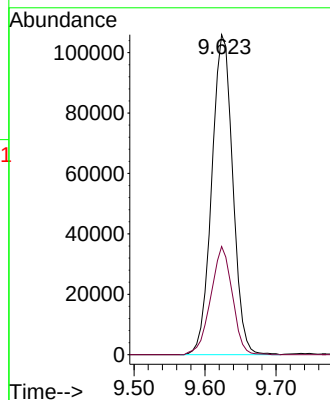
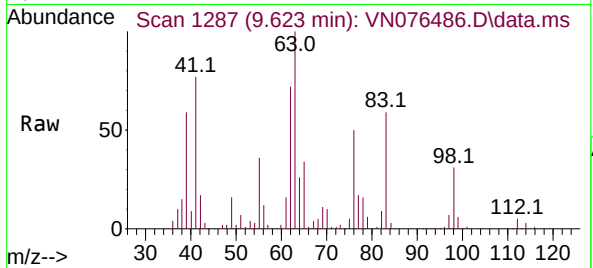
65 33.8 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2023

Supervised By :Mahesh Dadoda 02/01/2023



#46

Dibromomethane

Concen: 47.859 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN076486.D

Acq: 31 Jan 2023 17:59

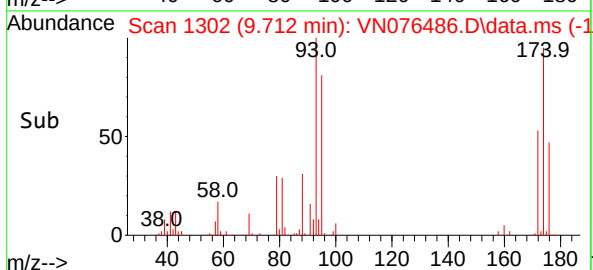
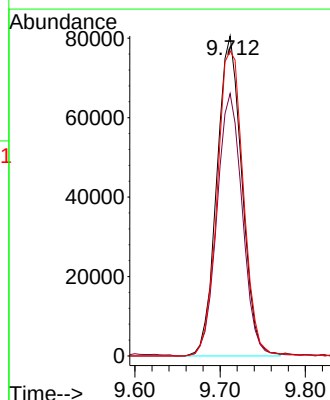
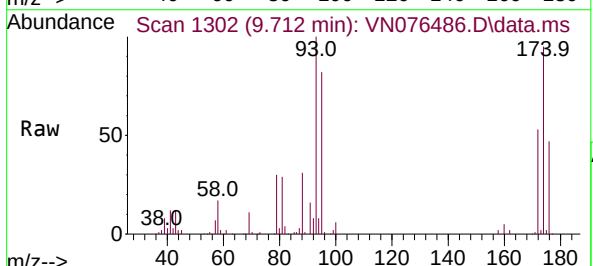
Tgt Ion: 93 Resp: 164824

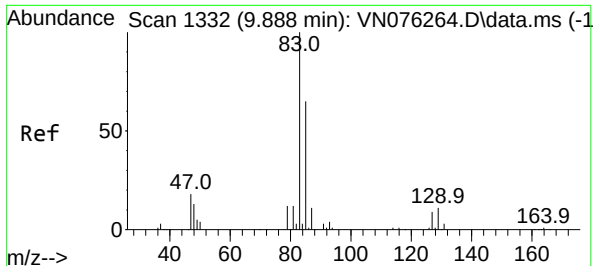
Ion Ratio Lower Upper

93 100

95 82.9 66.0 99.0

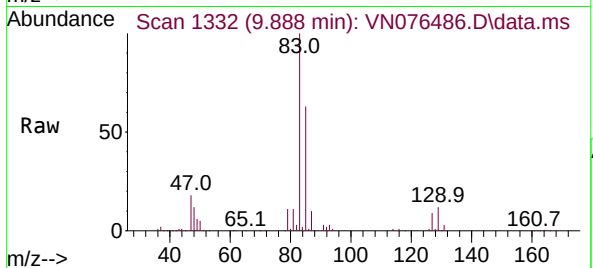
174 99.6 81.3 121.9





#47
Bromodichloromethane
Concen: 51.298 ug/l
RT: 9.888 min Scan# 1332
Delta R.T. 0.000 min
Lab File: VN076486.D
Acq: 31 Jan 2023 17:59

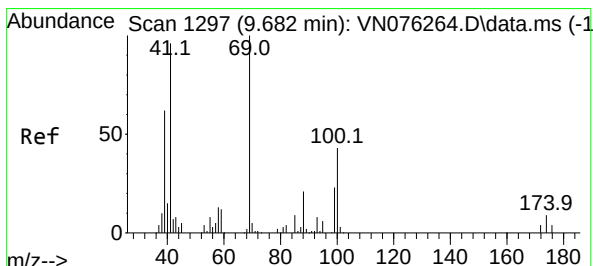
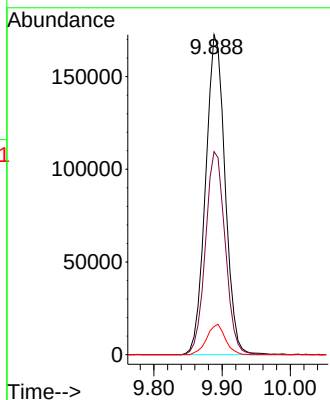
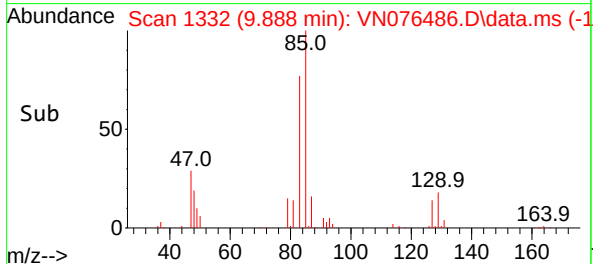
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



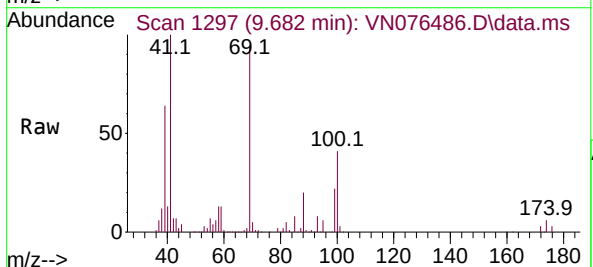
Tgt Ion: 83 Resp: 342650
Ion Ratio Lower Upper
83 100
85 63.5 52.1 78.1
127 8.8 7.4 11.0

Manual Integrations
APPROVED

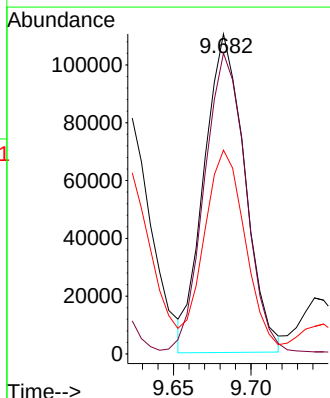
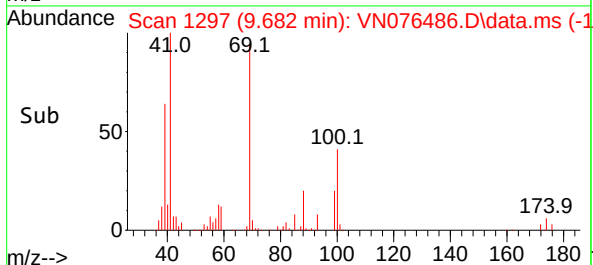
Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023

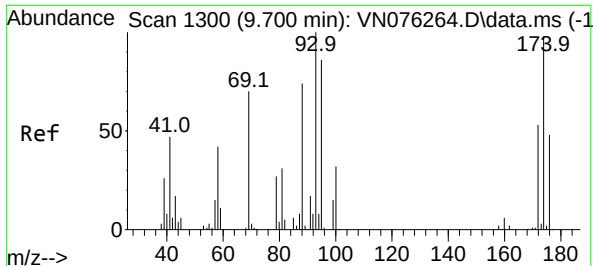


#48
Methyl methacrylate
Concen: 51.144 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN076486.D
Acq: 31 Jan 2023 17:59



Tgt Ion: 41 Resp: 201301
Ion Ratio Lower Upper
41 100
69 98.0 80.8 121.2
39 65.4 54.4 81.6





#49

1,4-Dioxane

Concen: 1065.527 ug/l

RT: 9.694 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN076486.D

Acq: 31 Jan 2023 17:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 8849

Ion Ratio Lower Upper

88 100

43 21.1 18.1 27.1

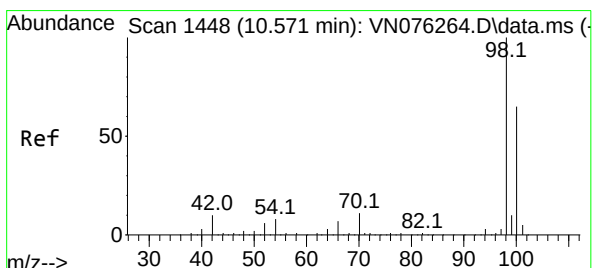
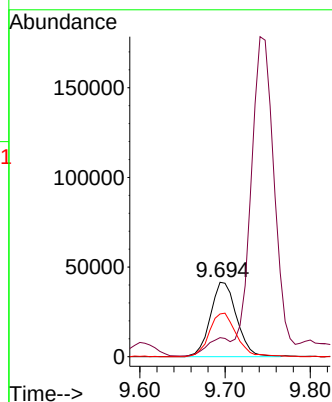
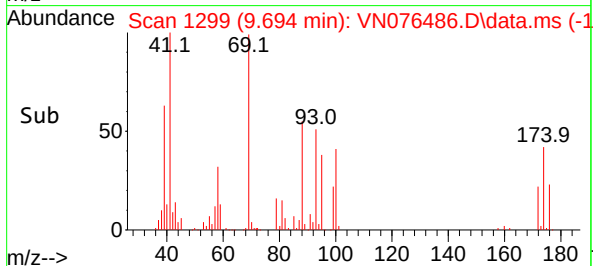
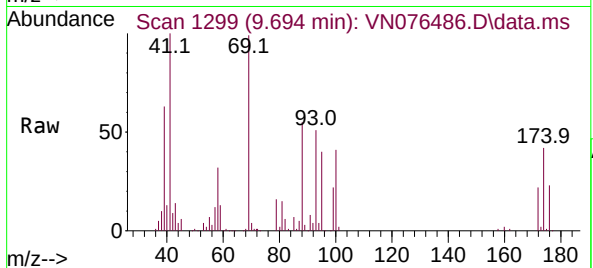
58 60.8 46.5 69.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2023

Supervised By :Mahesh Dadoda 02/01/2023



#50

Toluene-d8

Concen: 51.322 ug/l

RT: 10.570 min Scan# 1448

Delta R.T. -0.001 min

Lab File: VN076486.D

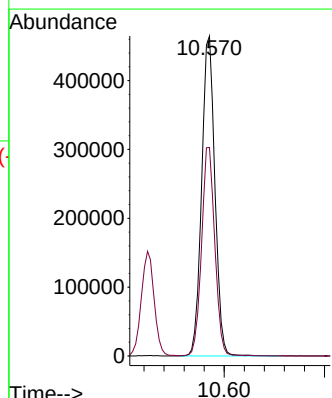
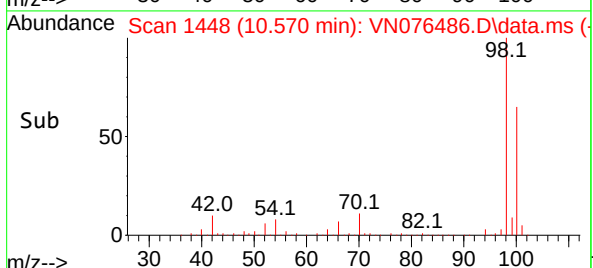
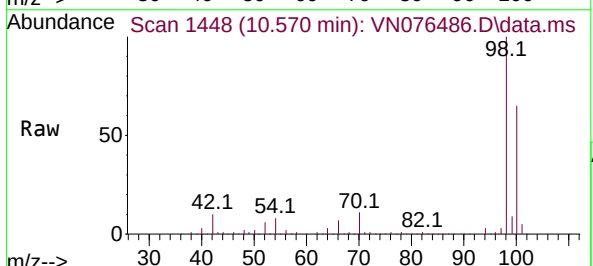
Acq: 31 Jan 2023 17:59

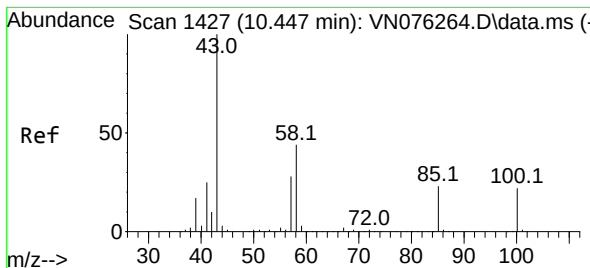
Tgt Ion: 98 Resp: 849878

Ion Ratio Lower Upper

98 100

100 65.4 52.2 78.4





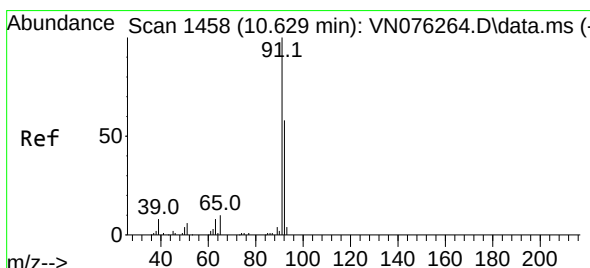
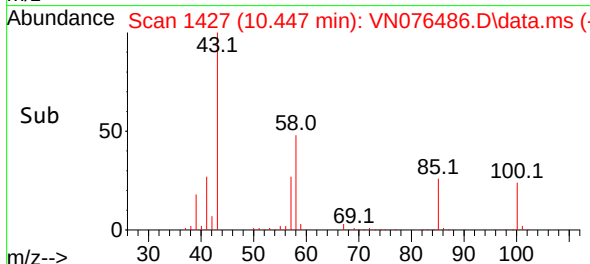
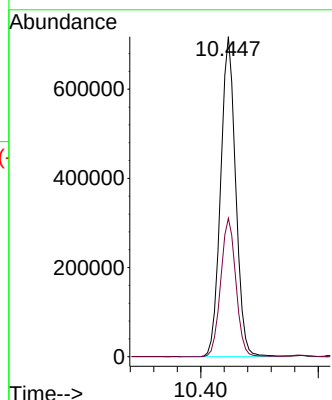
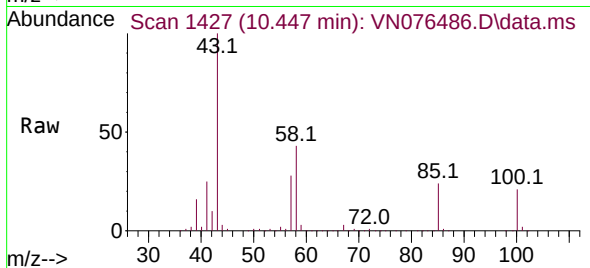
#51
4-Methyl-2-Pentanone
Concen: 261.703 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN076486.D
Acq: 31 Jan 2023 17:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 127726
Ion Ratio Lower Upper
43 100
58 43.4 35.1 52.7

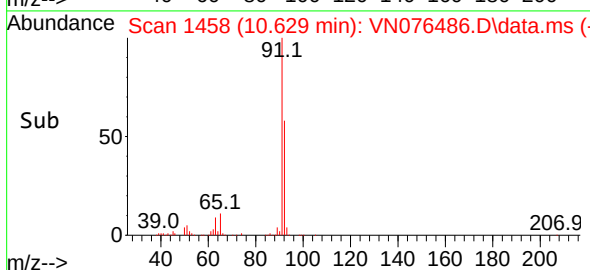
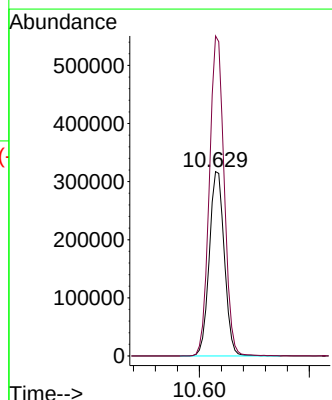
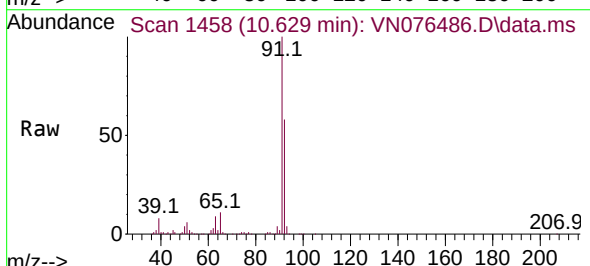
Manual Integrations
APPROVED

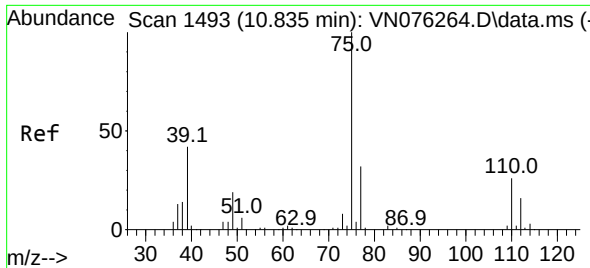
Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023



#52
Toluene
Concen: 47.195 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VN076486.D
Acq: 31 Jan 2023 17:59

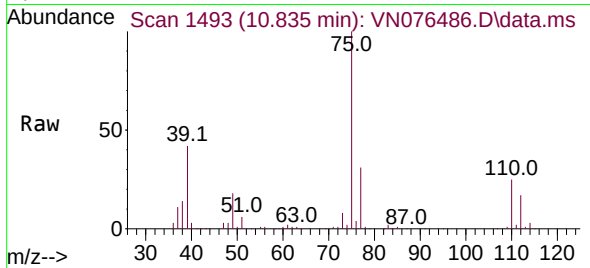
Tgt Ion: 92 Resp: 601304
Ion Ratio Lower Upper
92 100
91 171.2 136.6 205.0





#53
t-1,3-Dichloropropene
Concen: 54.268 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VN076486.D
Acq: 31 Jan 2023 17:59

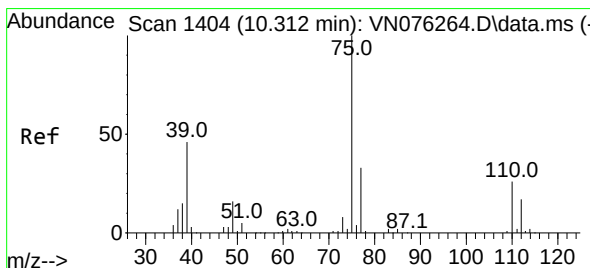
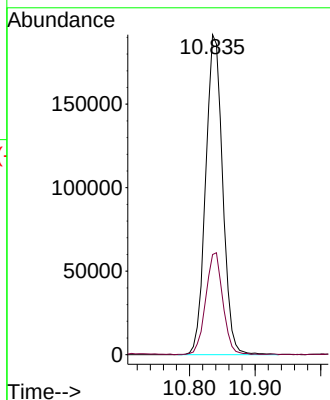
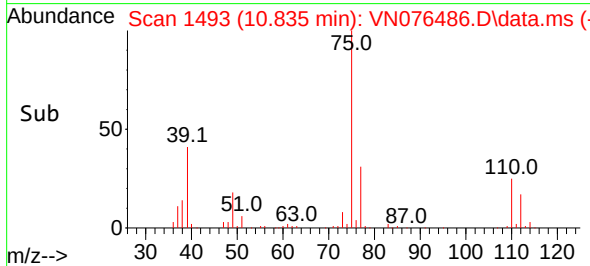
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



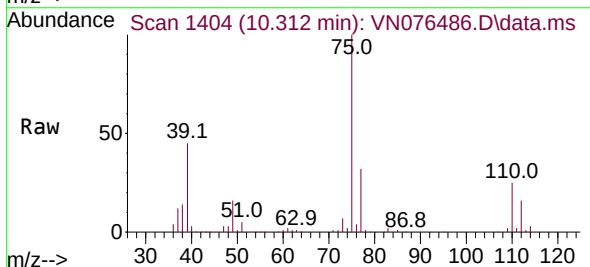
Tgt Ion: 75 Resp: 345559
Ion Ratio Lower Upper
75 100
77 31.2 25.8 38.6

Manual Integrations
APPROVED

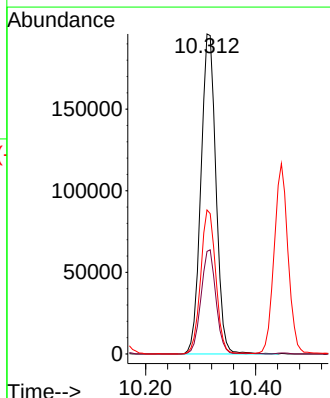
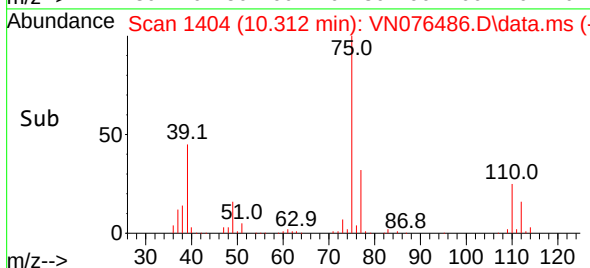
Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023

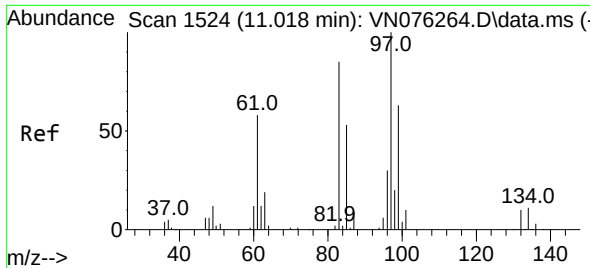


#54
cis-1,3-Dichloropropene
Concen: 50.839 ug/l
RT: 10.312 min Scan# 1404
Delta R.T. -0.000 min
Lab File: VN076486.D
Acq: 31 Jan 2023 17:59



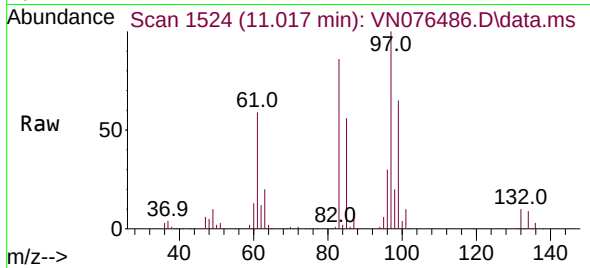
Tgt Ion: 75 Resp: 372432
Ion Ratio Lower Upper
75 100
77 32.0 26.5 39.7
39 45.0 37.1 55.7





#55
1,1,2-Trichloroethane
Concen: 49.206 ug/l
RT: 11.017 min Scan# 1524
Delta R.T. -0.001 min
Lab File: VN076486.D
Acq: 31 Jan 2023 17:59

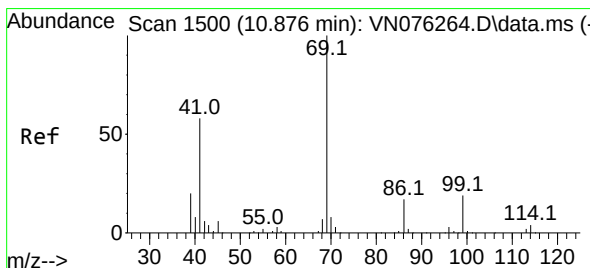
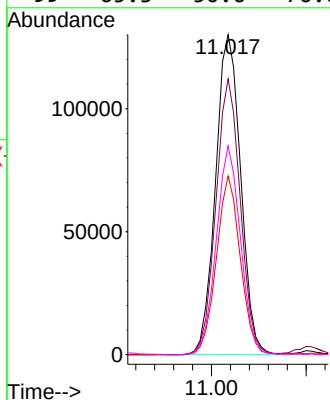
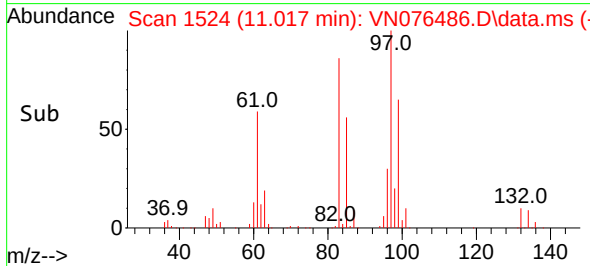
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 97 Resp: 239633
Ion Ratio Lower Upper
97 100
83 86.2 67.8 101.6
85 55.8 42.3 63.5
99 65.3 50.6 76.0

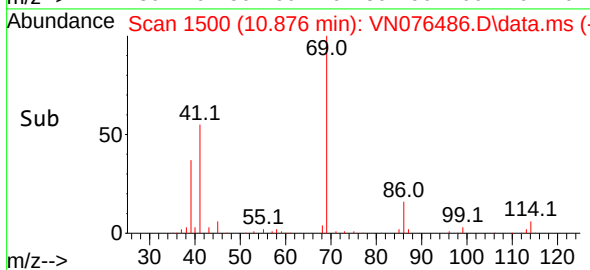
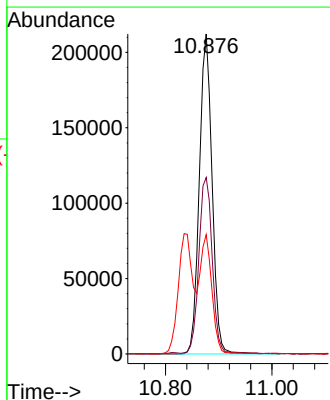
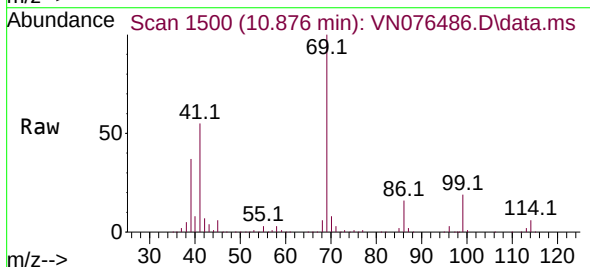
Manual Integrations
APPROVED

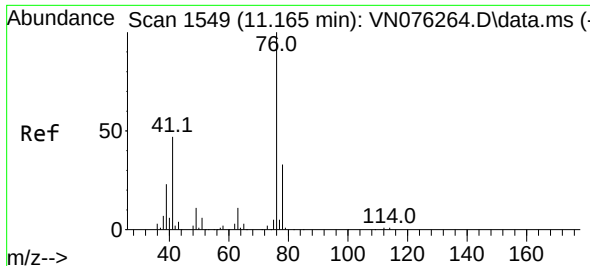
Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023



#56
Ethyl methacrylate
Concen: 56.025 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN076486.D
Acq: 31 Jan 2023 17:59

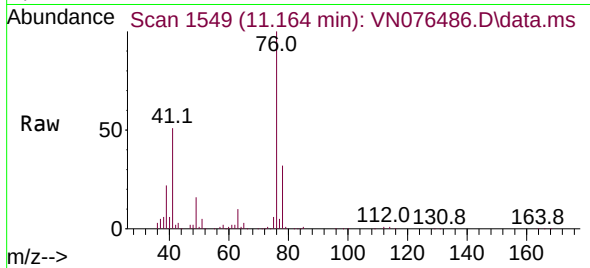
Tgt Ion: 69 Resp: 352243
Ion Ratio Lower Upper
69 100
41 57.1 45.3 67.9
39 33.5 29.3 43.9





#57
1,3-Dichloropropane
Concen: 48.987 ug/l
RT: 11.164 min Scan# 1549
Delta R.T. -0.001 min
Lab File: VN076486.D
Acq: 31 Jan 2023 17:59

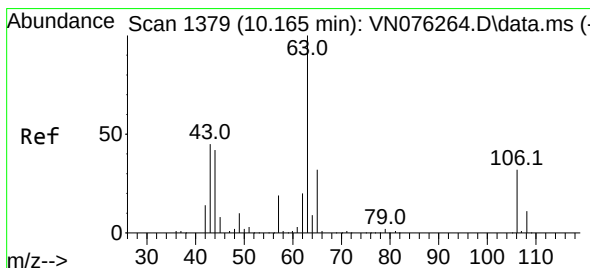
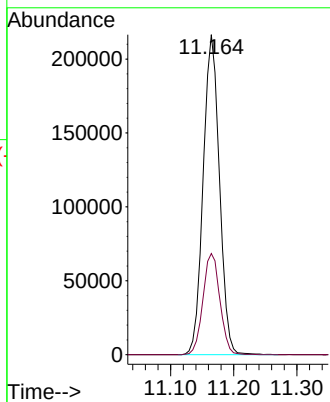
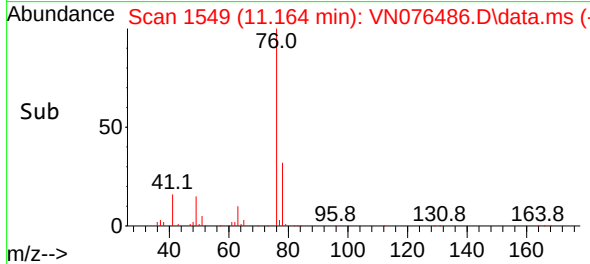
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 387689
Ion Ratio Lower Upper
76 100
78 32.9 26.4 39.6

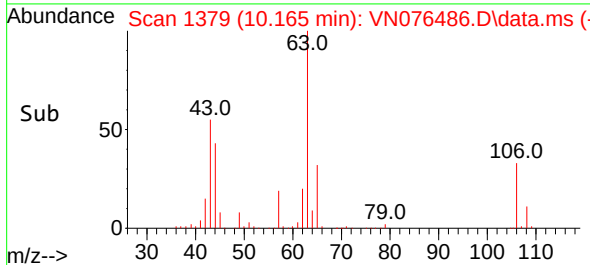
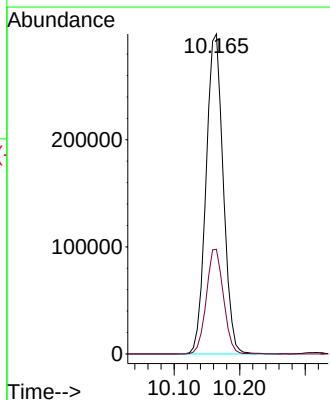
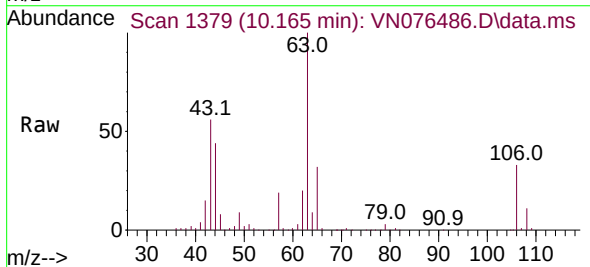
Manual Integrations
APPROVED

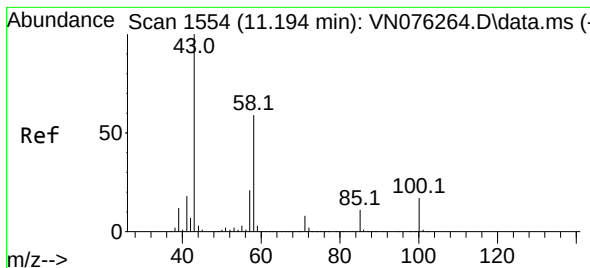
Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023



#58
2-Chloroethyl Vinyl ether
Concen: 256.082 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VN076486.D
Acq: 31 Jan 2023 17:59

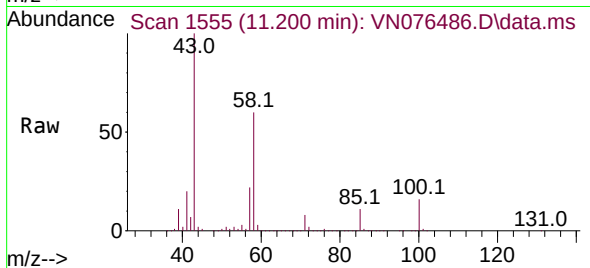
Tgt Ion: 63 Resp: 543543
Ion Ratio Lower Upper
63 100
106 32.6 26.2 39.2





#59
2-Hexanone
Concen: 264.764 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN076486.D
Acq: 31 Jan 2023 17:59

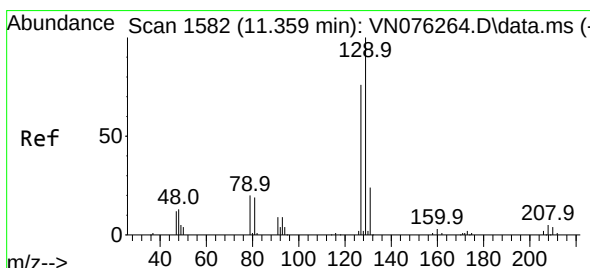
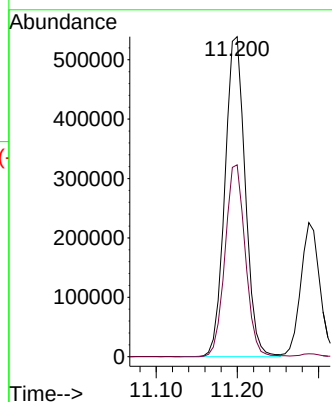
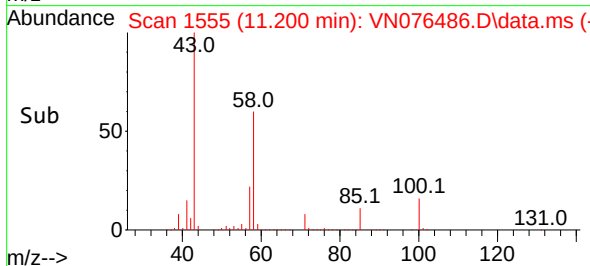
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



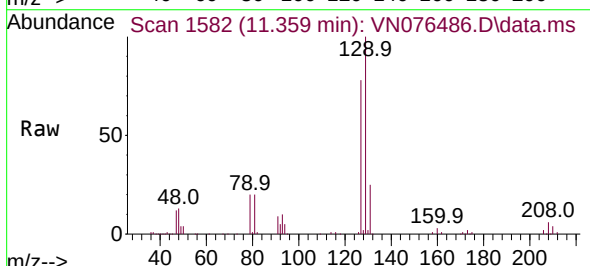
Tgt Ion: 43 Resp: 93640
Ion Ratio Lower Upper
43 100
58 59.9 30.1 90.3

Manual Integrations
APPROVED

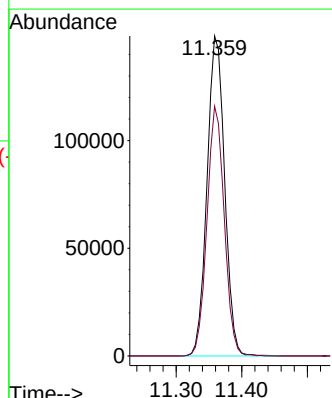
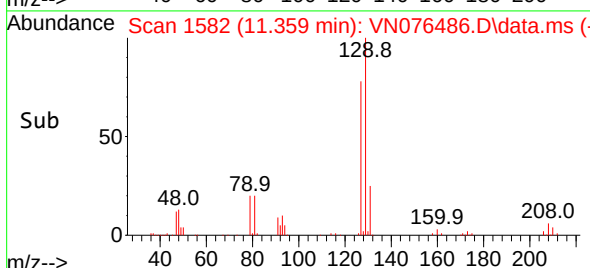
Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023

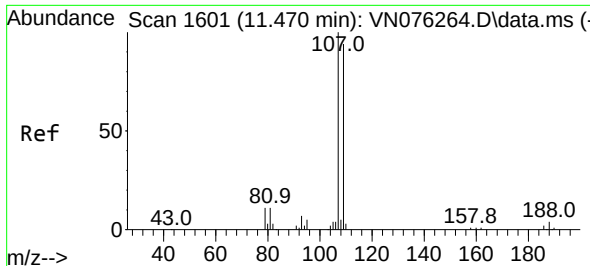


#60
Dibromochloromethane
Concen: 54.076 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN076486.D
Acq: 31 Jan 2023 17:59



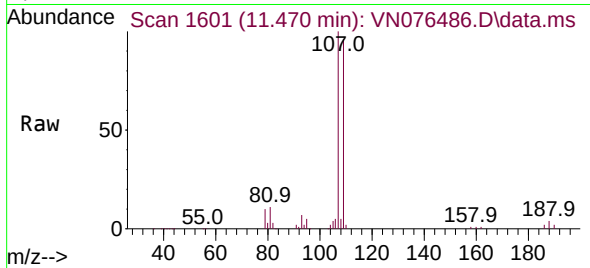
Tgt Ion:129 Resp: 277223
Ion Ratio Lower Upper
129 100
127 76.7 38.7 116.1





#61
1,2-Dibromoethane
Concen: 50.417 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN076486.D
Acq: 31 Jan 2023 17:59

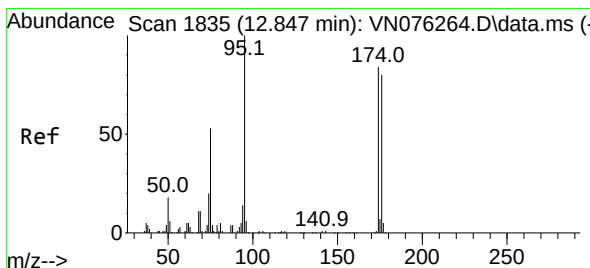
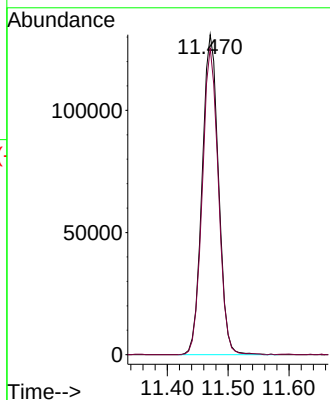
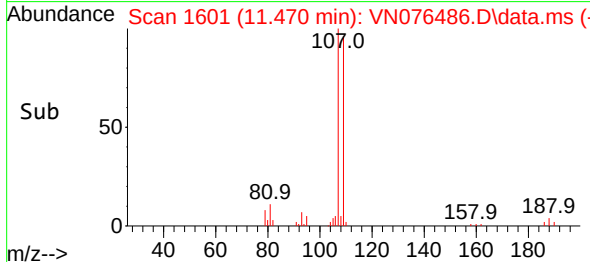
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



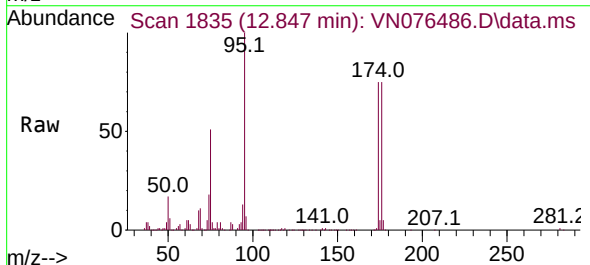
Tgt Ion:107 Resp: 245083
Ion Ratio Lower Upper
107 100
109 94.0 76.0 114.0

Manual Integrations
APPROVED

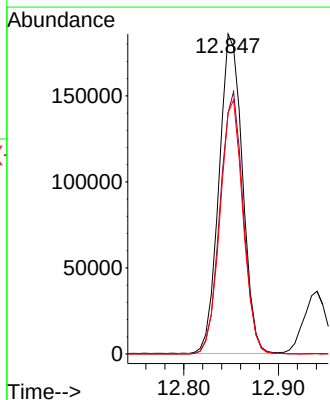
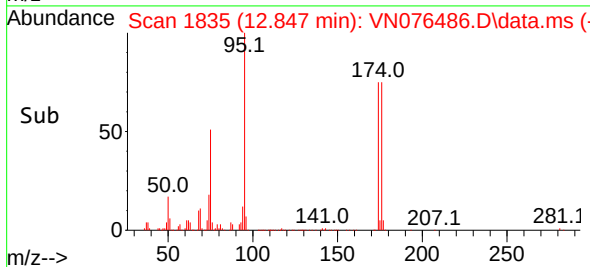
Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023

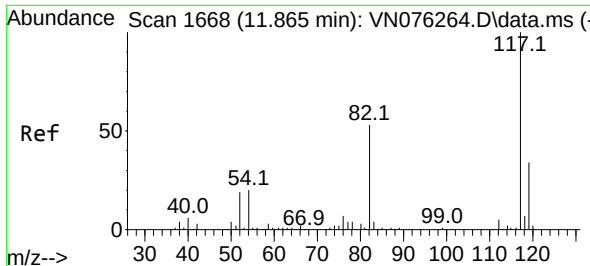


#62
4-Bromofluorobenzene
Concen: 59.156 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.000 min
Lab File: VN076486.D
Acq: 31 Jan 2023 17:59



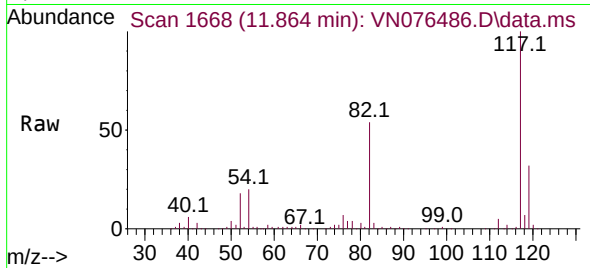
Tgt Ion: 95 Resp: 319796
Ion Ratio Lower Upper
95 100
174 80.9 0.0 174.6
176 77.9 0.0 167.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.864 min Scan# 1668
Delta R.T. -0.001 min
Lab File: VN076486.D
Acq: 31 Jan 2023 17:59

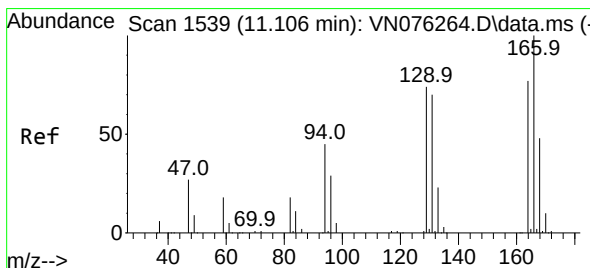
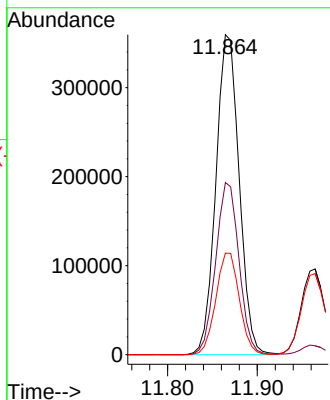
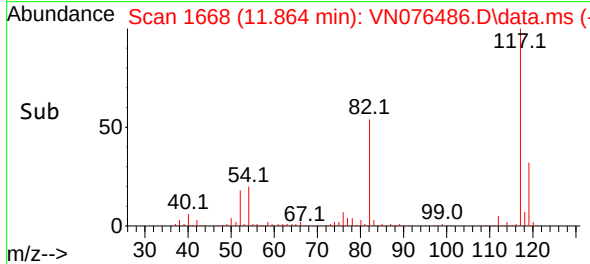
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



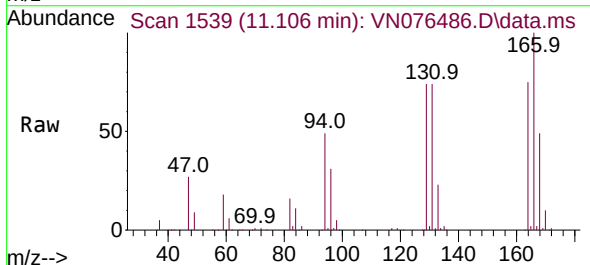
Tgt Ion:117 Resp: 648392
Ion Ratio Lower Upper
117 100
82 53.8 42.2 63.2
119 31.7 26.9 40.3

Manual Integrations
APPROVED

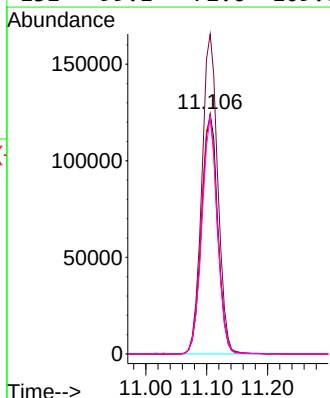
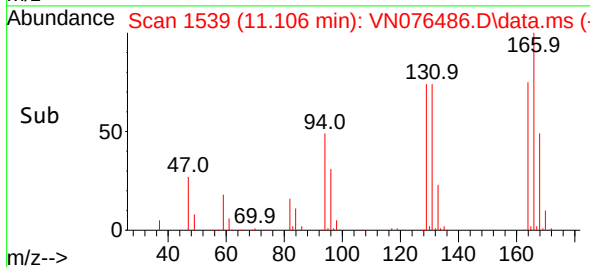
Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023

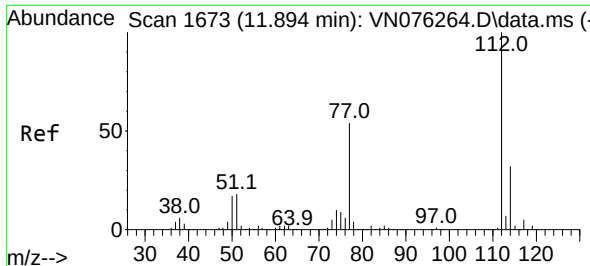


#64
Tetrachloroethene
Concen: 39.277 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN076486.D
Acq: 31 Jan 2023 17:59



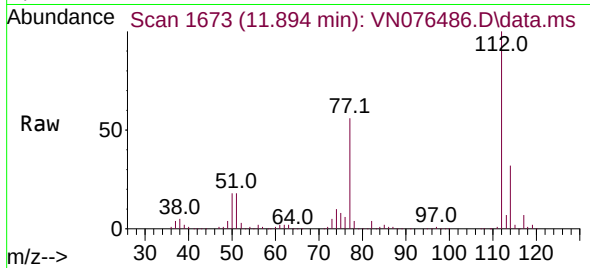
Tgt Ion:164 Resp: 229664
Ion Ratio Lower Upper
164 100
166 133.3 104.0 156.0
129 98.2 76.6 114.8
131 99.1 72.6 109.0





#65
Chlorobenzene
Concen: 47.535 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN076486.D
Acq: 31 Jan 2023 17:59

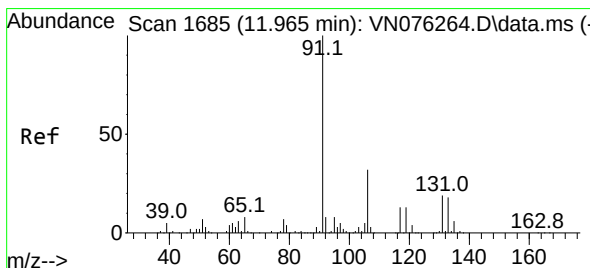
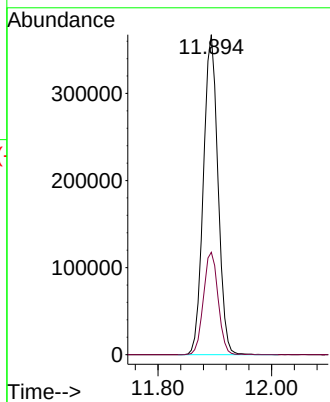
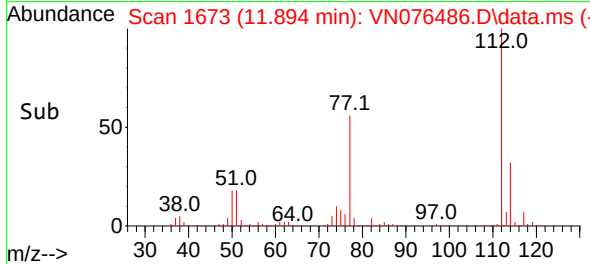
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



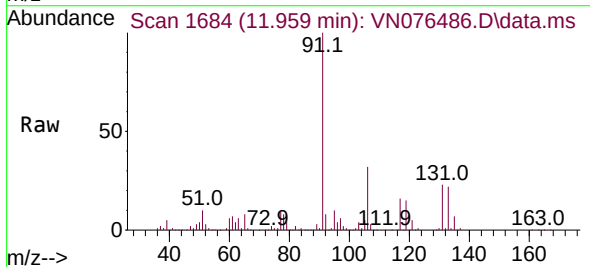
Tgt Ion:112 Resp: 65152
Ion Ratio Lower Upper
112 100
114 32.0 25.3 37.9

Manual Integrations
APPROVED

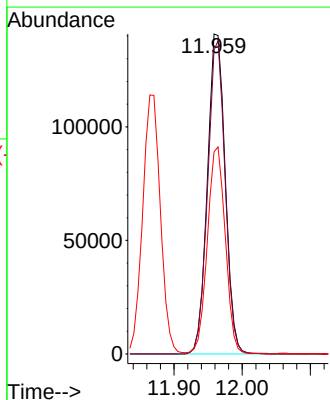
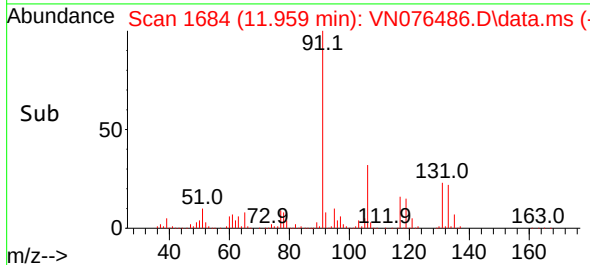
Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023

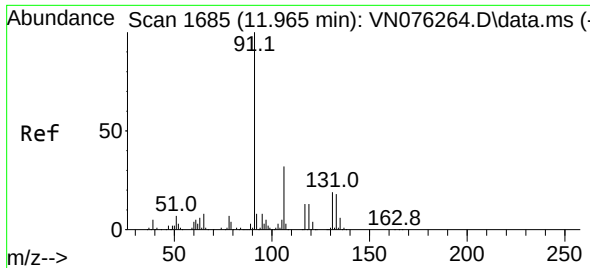


#66
1,1,1,2-Tetrachloroethane
Concen: 50.379 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN076486.D
Acq: 31 Jan 2023 17:59



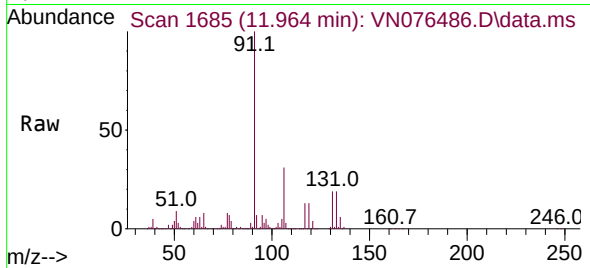
Tgt Ion:131 Resp: 256911
Ion Ratio Lower Upper
131 100
133 95.6 47.4 142.2
119 65.0 32.3 96.8





#67
Ethyl Benzene
Concen: 50.804 ug/l
RT: 11.964 min Scan# 1685
Delta R.T. -0.001 min
Lab File: VN076486.D
Acq: 31 Jan 2023 17:59

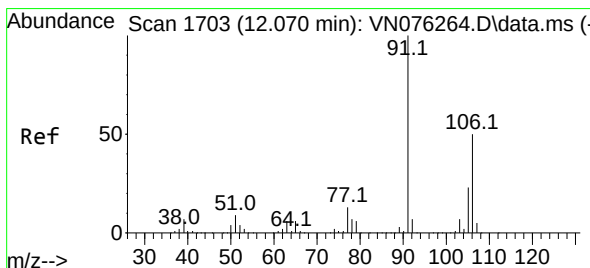
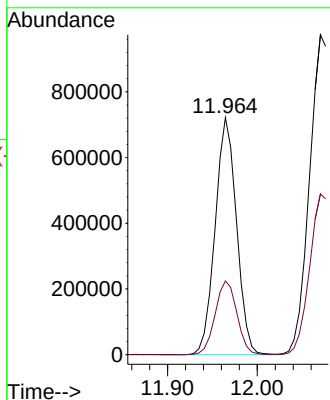
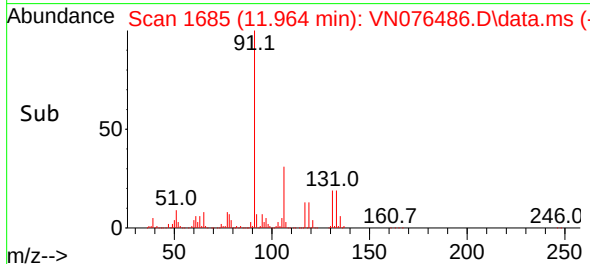
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



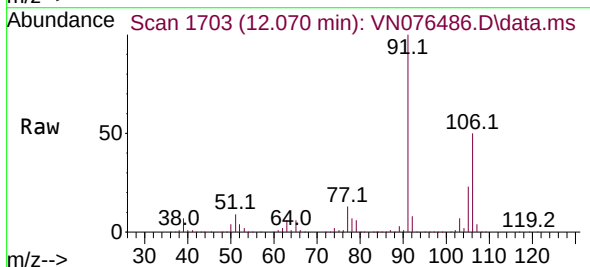
Tgt Ion: 91 Resp: 1191752
Ion Ratio Lower Upper
91 100
106 31.1 25.5 38.3

Manual Integrations
APPROVED

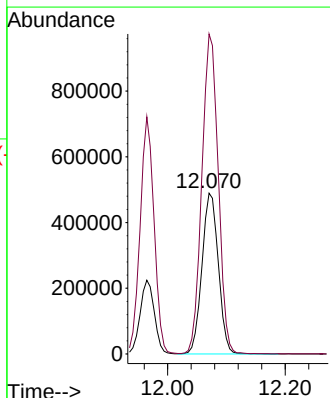
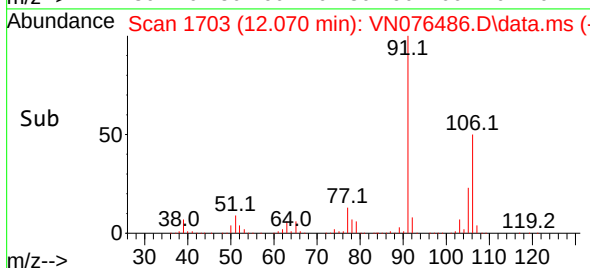
Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023

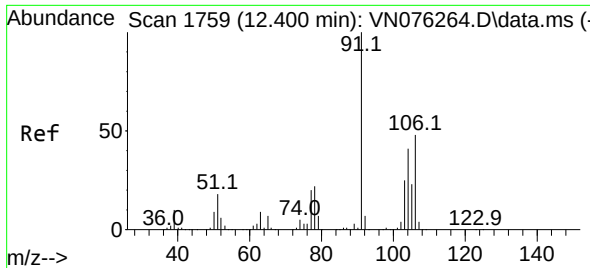


#68
m/p-Xylenes
Concen: 100.281 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN076486.D
Acq: 31 Jan 2023 17:59



Tgt Ion:106 Resp: 943266
Ion Ratio Lower Upper
106 100
91 199.1 157.5 236.3





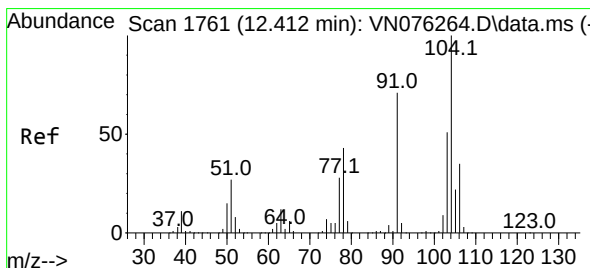
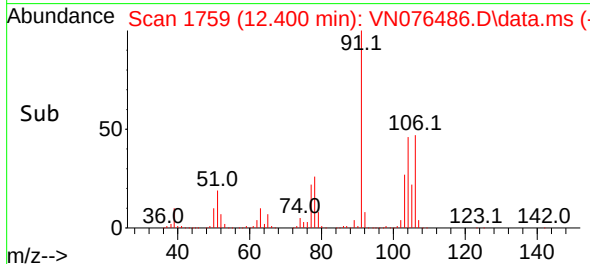
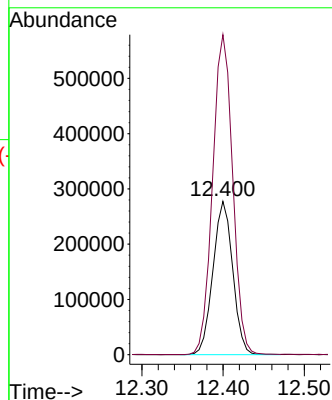
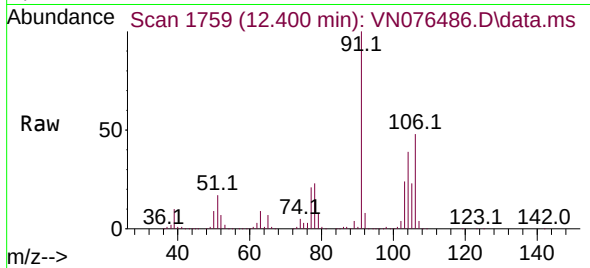
#69
o-Xylene
Concen: 50.830 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076486.D
Acq: 31 Jan 2023 17:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 469530
Ion Ratio Lower Upper
106 100
91 211.8 103.2 309.4

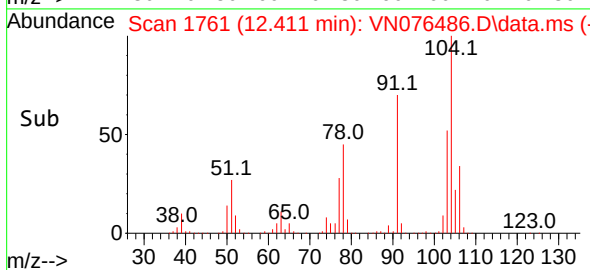
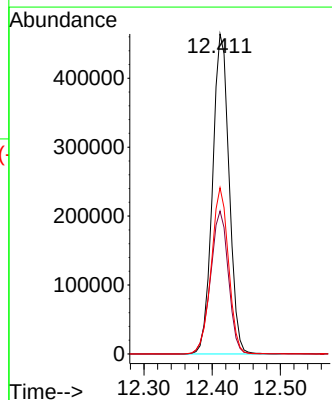
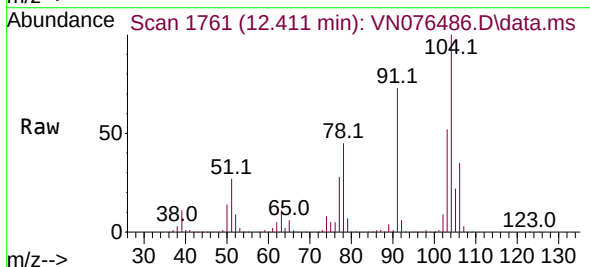
Manual Integrations
APPROVED

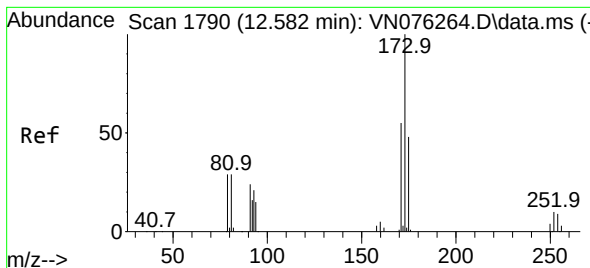
Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023



#70
Styrene
Concen: 53.374 ug/l
RT: 12.411 min Scan# 1761
Delta R.T. -0.001 min
Lab File: VN076486.D
Acq: 31 Jan 2023 17:59

Tgt Ion:104 Resp: 787226
Ion Ratio Lower Upper
104 100
78 48.0 37.4 56.0
103 54.1 44.2 66.2





#71

Bromoform

Concen: 54.787 ug/l

RT: 12.582 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VN076486.D

Acq: 31 Jan 2023 17:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

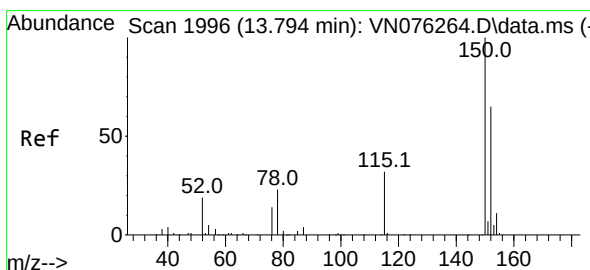
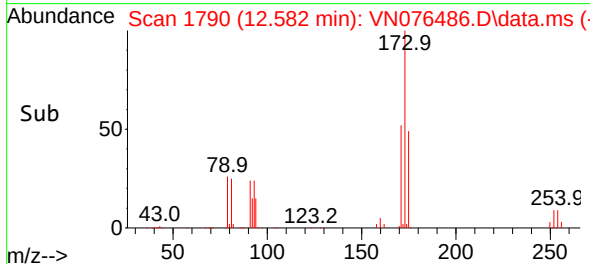
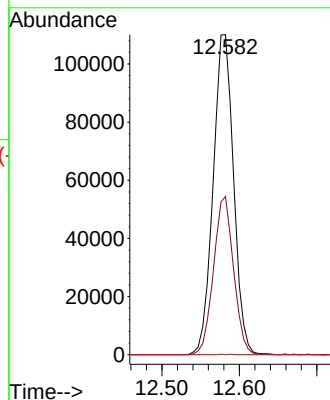
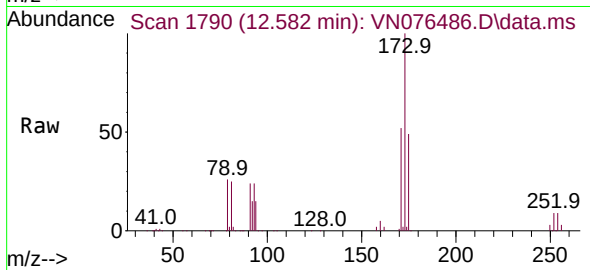
Tgt Ion:173 Resp: 201769
 Ion Ratio Lower Upper
 173 100
 175 48.4 24.1 72.4
 254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2023

Supervised By :Mahesh Dadoda 02/01/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

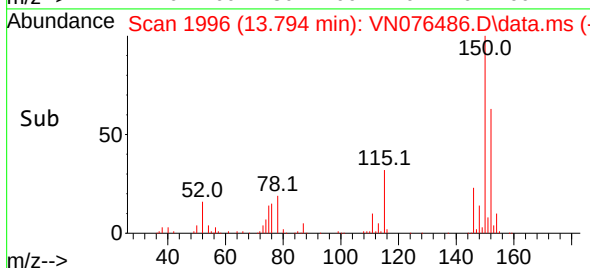
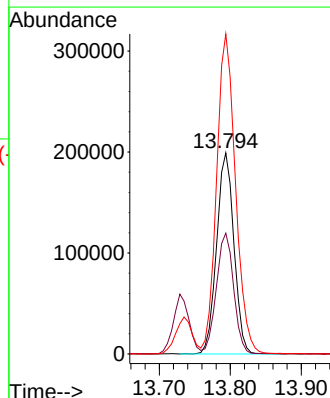
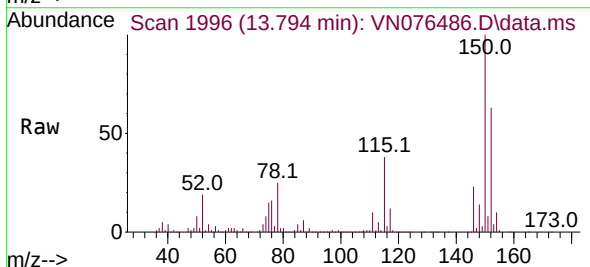
RT: 13.794 min Scan# 1996

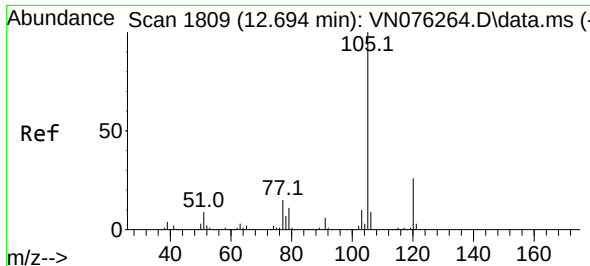
Delta R.T. -0.000 min

Lab File: VN076486.D

Acq: 31 Jan 2023 17:59

Tgt Ion:152 Resp: 336000
 Ion Ratio Lower Upper
 152 100
 115 59.4 29.6 88.9
 150 173.1 0.0 351.4





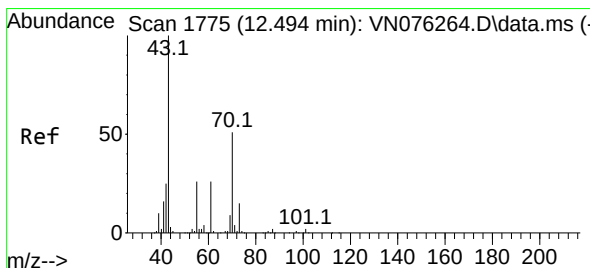
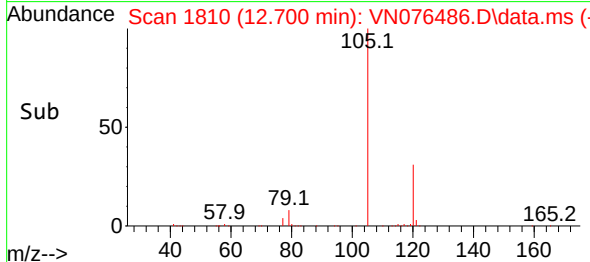
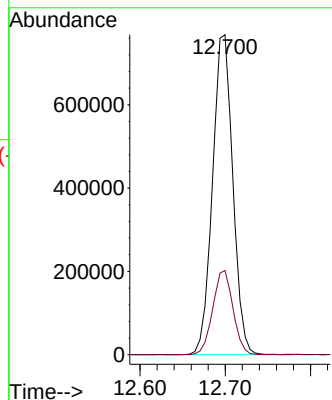
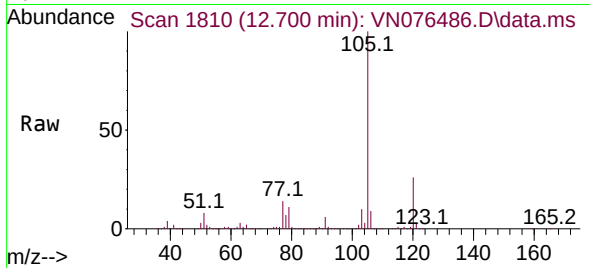
#73
Isopropylbenzene
Concen: 48.863 ug/l
RT: 12.700 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VN076486.D
Acq: 31 Jan 2023 17:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 1270094
Ion Ratio Lower Upper
105 100
120 26.2 13.4 40.1

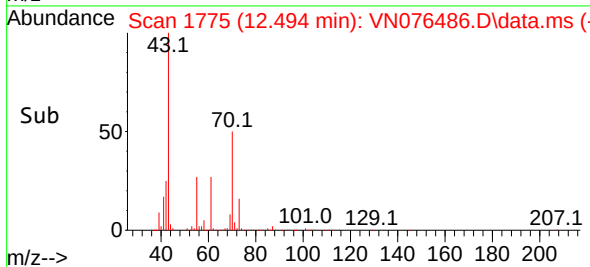
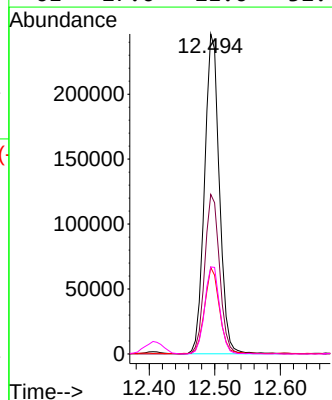
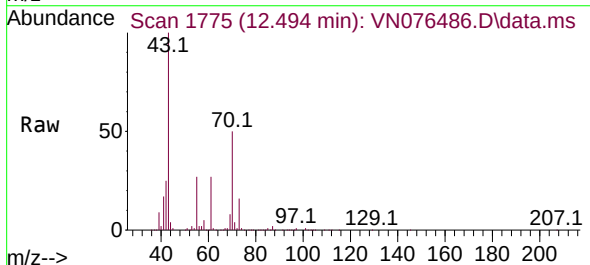
Manual Integrations
APPROVED

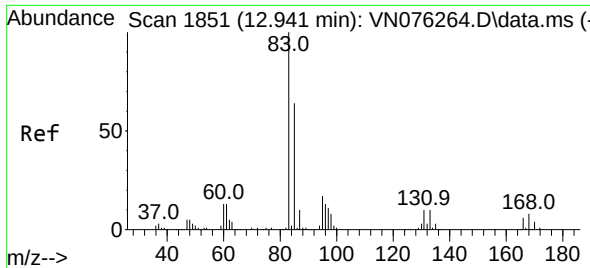
Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023



#74
N-ethyl acetate
Concen: 51.768 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN076486.D
Acq: 31 Jan 2023 17:59

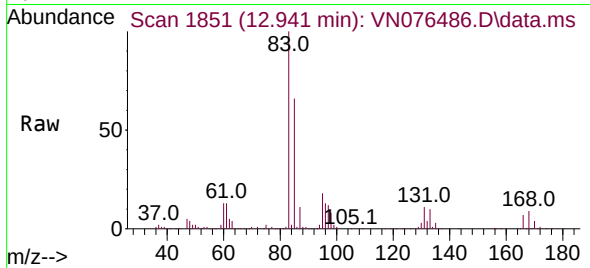
Tgt Ion: 43 Resp: 387066
Ion Ratio Lower Upper
43 100
70 50.3 41.2 61.8
55 26.9 21.0 31.6
61 27.6 21.6 32.4





#75
1,1,2,2-Tetrachloroethane
Concen: 47.108 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN076486.D
Acq: 31 Jan 2023 17:59

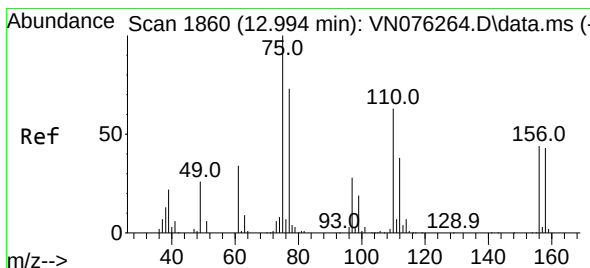
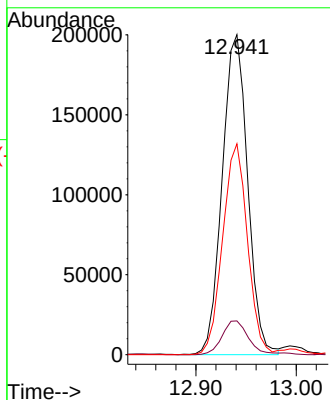
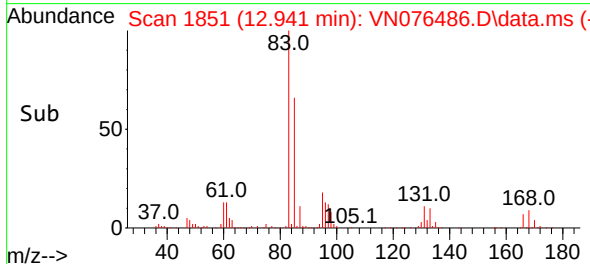
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



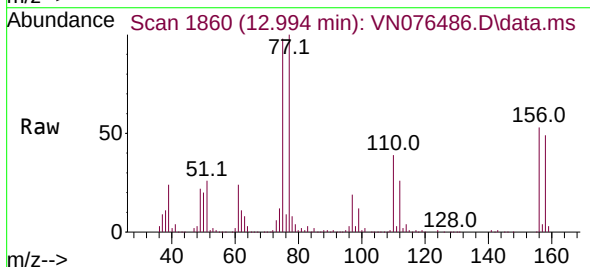
Tgt Ion: 83 Resp: 352004
Ion Ratio Lower Upper
83 100
131 11.2 5.5 16.4
85 64.5 31.7 95.1

Manual Integrations
APPROVED

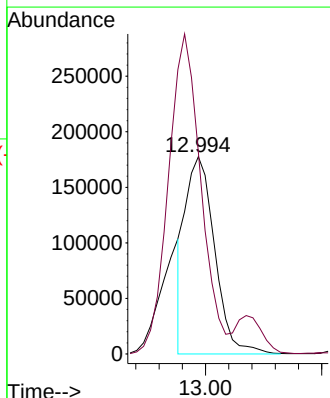
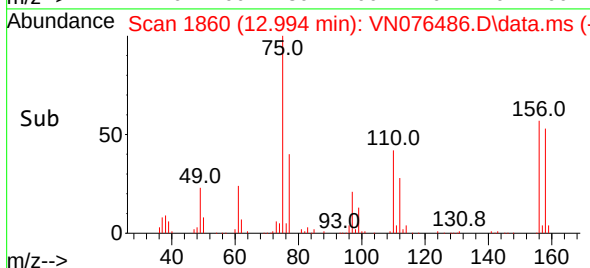
Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023

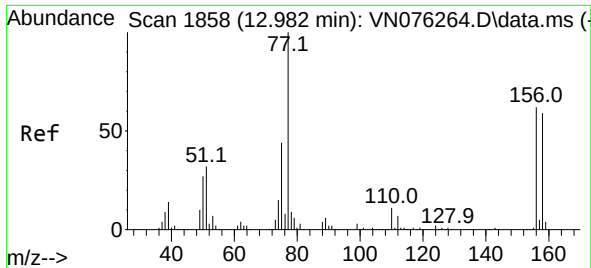


#76
1,2,3-Trichloropropane
Concen: 50.864 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN076486.D
Acq: 31 Jan 2023 17:59



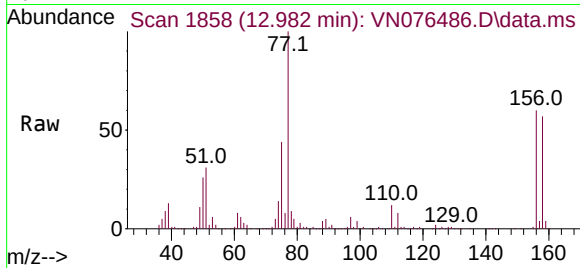
Tgt Ion: 75 Resp: 311244
Ion Ratio Lower Upper
75 100
77 179.3 75.2 225.6





#77
Bromobenzene
Concen: 47.898 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN076486.D
Acq: 31 Jan 2023 17:59

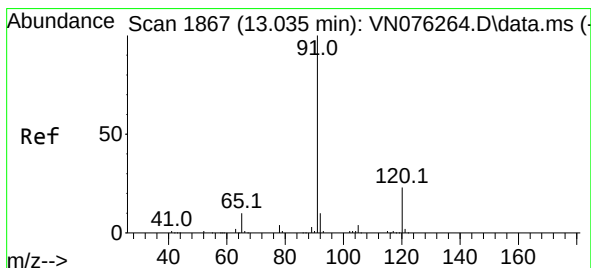
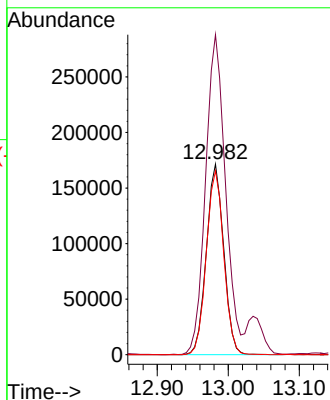
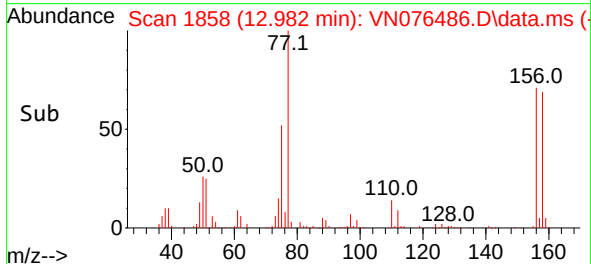
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 291222
Ion Ratio Lower Upper
156 100
77 191.6 93.4 280.2
158 97.1 48.4 145.2

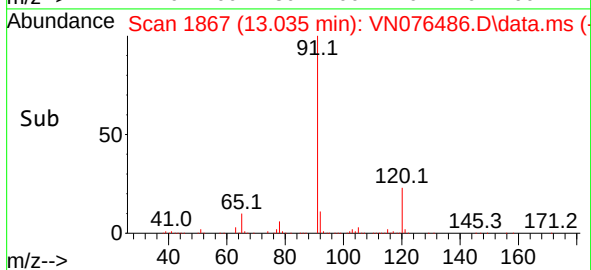
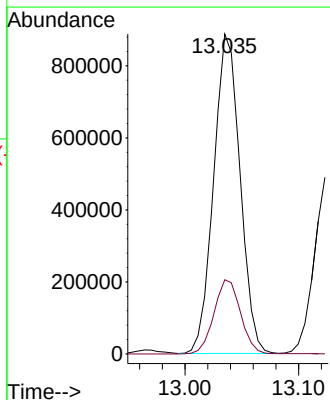
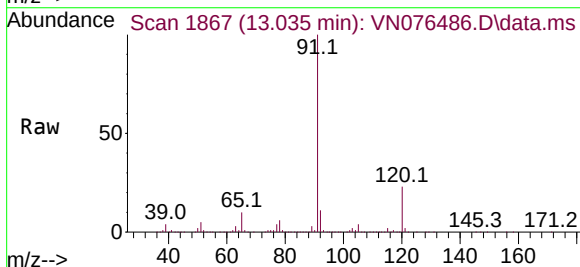
Manual Integrations
APPROVED

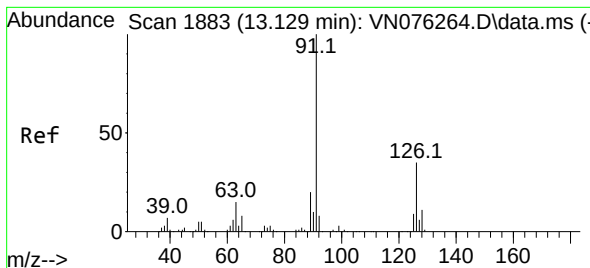
Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023



#78
n-propylbenzene
Concen: 48.855 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN076486.D
Acq: 31 Jan 2023 17:59

Tgt Ion: 91 Resp: 1432862
Ion Ratio Lower Upper
91 100
120 23.4 11.9 35.5





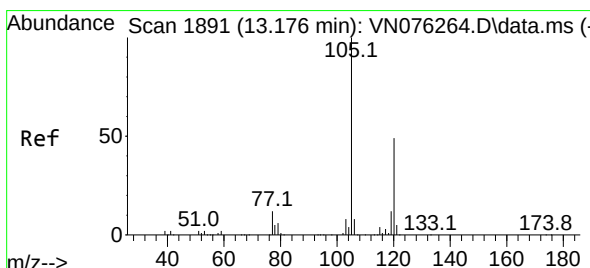
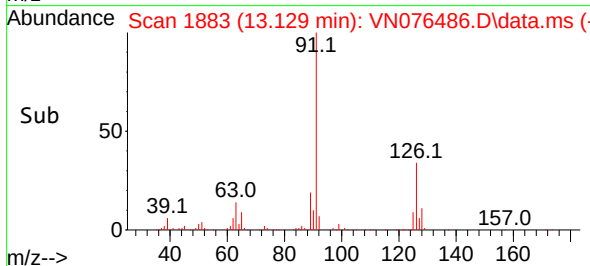
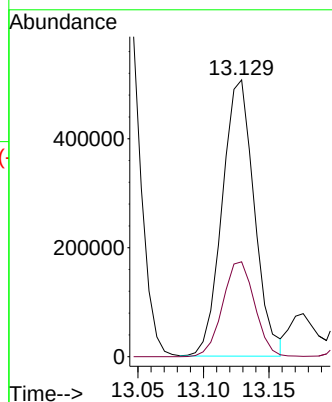
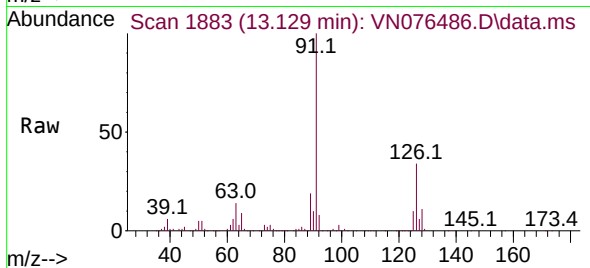
#79
2-Chlorotoluene
Concen: 48.035 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076486.D
Acq: 31 Jan 2023 17:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 86450
Ion Ratio Lower Upper
91 100
126 34.3 17.4 52.2

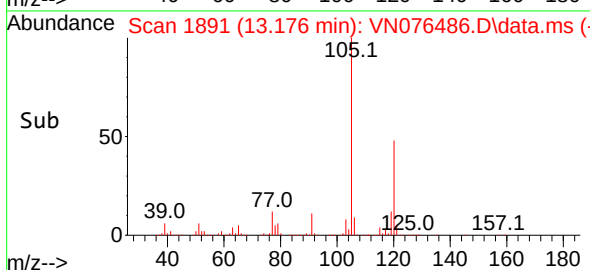
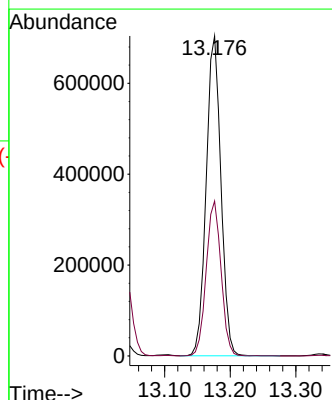
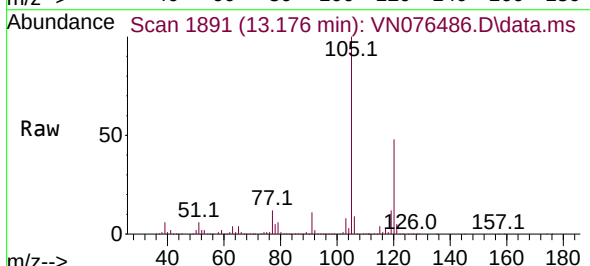
Manual Integrations
APPROVED

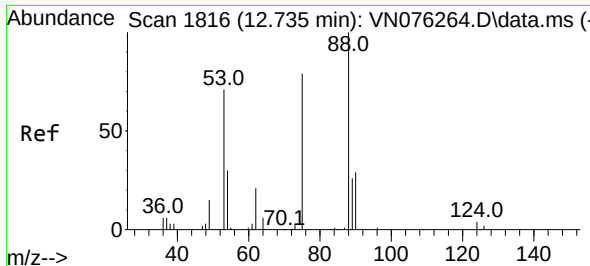
Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023



#80
1,3,5-Trimethylbenzene
Concen: 50.580 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN076486.D
Acq: 31 Jan 2023 17:59

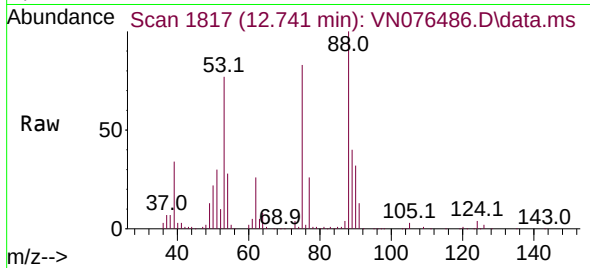
Tgt Ion:105 Resp: 1101421
Ion Ratio Lower Upper
105 100
120 48.7 25.0 75.0





#81
trans-1,4-Dichloro-2-butene
Concen: 49.399 ug/l
RT: 12.741 min Scan# 1816
Delta R.T. 0.006 min
Lab File: VN076486.D
Acq: 31 Jan 2023 17:59

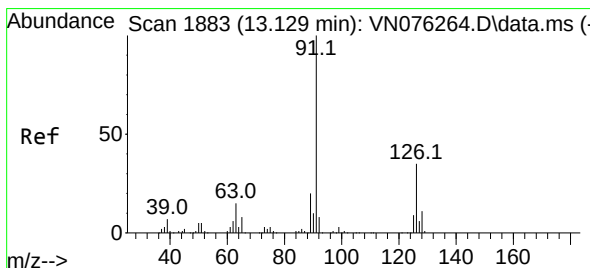
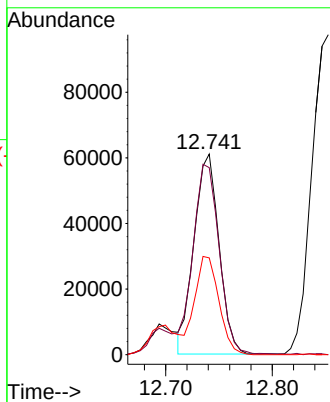
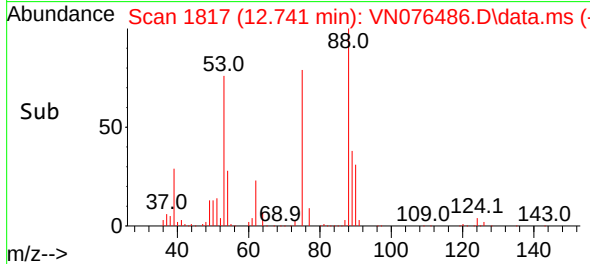
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 99759
Ion Ratio Lower Upper
75 100
53 101.5 75.8 113.8
89 47.0 37.0 55.6

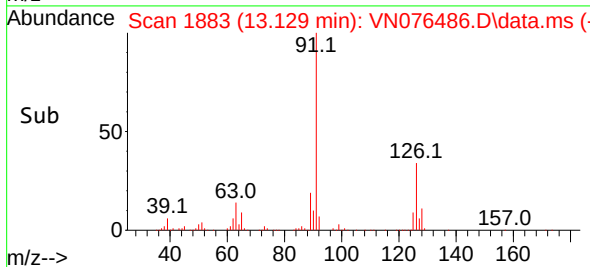
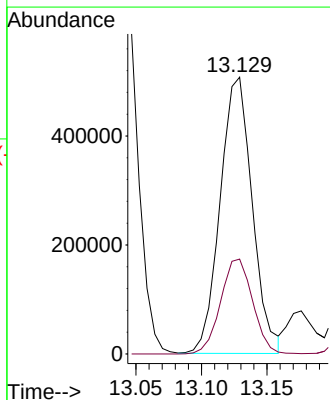
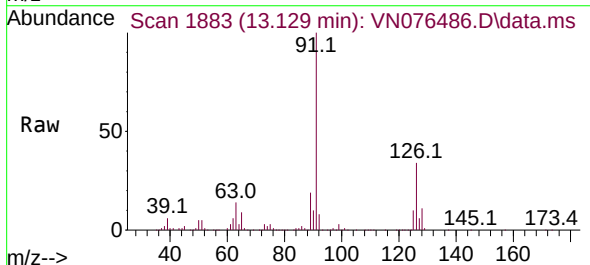
Manual Integrations
APPROVED

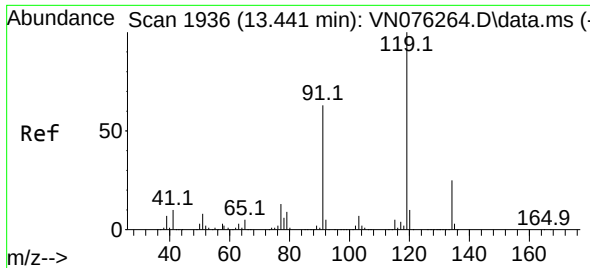
Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023



#82
4-Chlorotoluene
Concen: 48.035 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076486.D
Acq: 31 Jan 2023 17:59

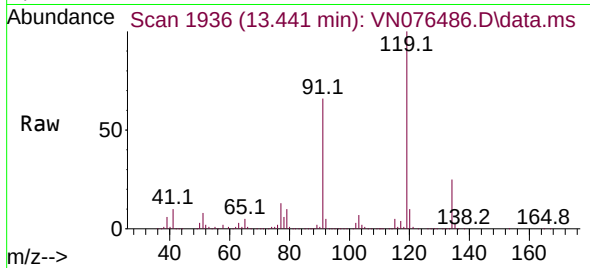
Tgt Ion: 91 Resp: 864503
Ion Ratio Lower Upper
91 100
126 34.3 17.4 52.2





#83
tert-Butylbenzene
Concen: 50.370 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN076486.D
Acq: 31 Jan 2023 17:59

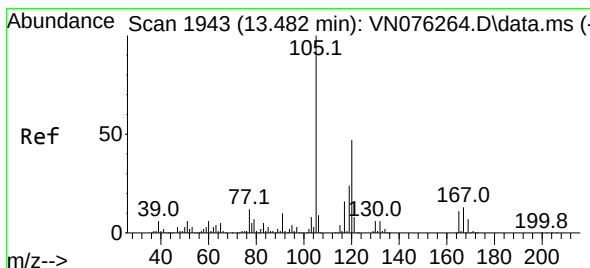
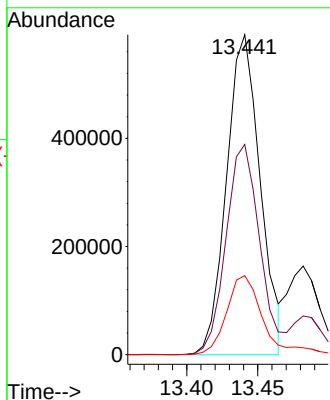
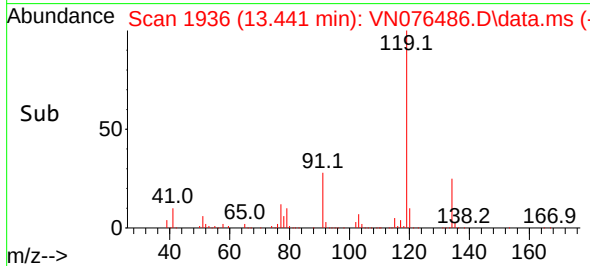
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:119 Resp: 97555
Ion Ratio Lower Upper
119 100
91 66.4 32.2 96.6
134 26.7 13.6 40.8

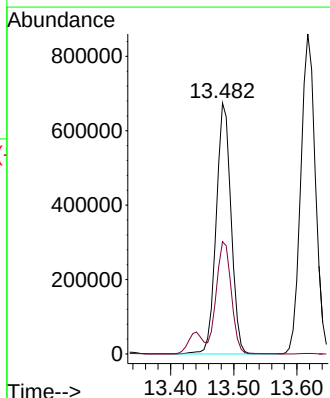
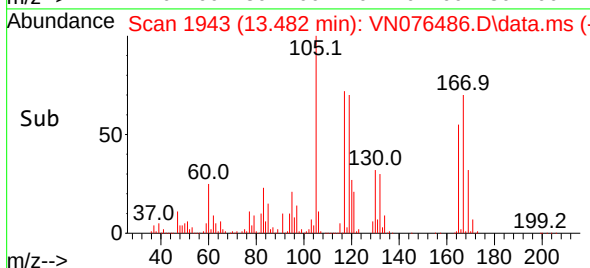
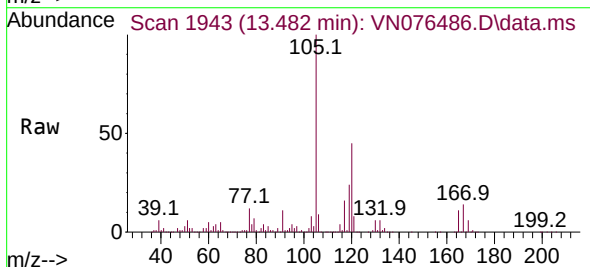
Manual Integrations
APPROVED

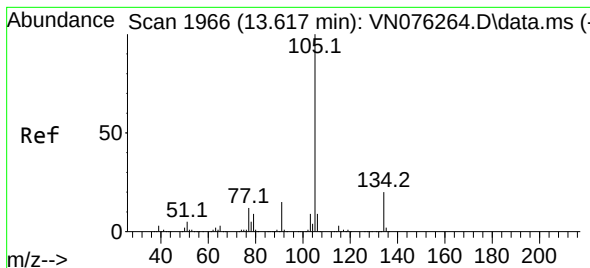
Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023



#84
1,2,4-Trimethylbenzene
Concen: 50.441 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.000 min
Lab File: VN076486.D
Acq: 31 Jan 2023 17:59

Tgt Ion:105 Resp: 1101399
Ion Ratio Lower Upper
105 100
120 44.8 22.9 68.5





#85

sec-Butylbenzene

Concen: 51.348 ug/l

RT: 13.617 min Scan# 1966

Delta R.T. 0.000 min

Lab File: VN076486.D

Acq: 31 Jan 2023 17:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 137994

Ion Ratio Lower Upper

105 100

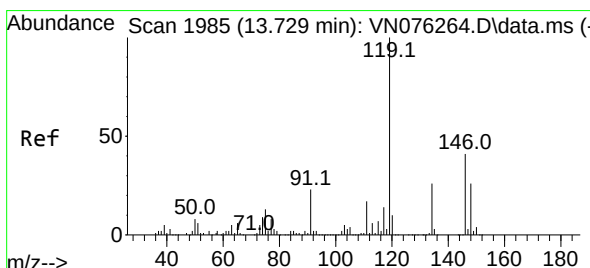
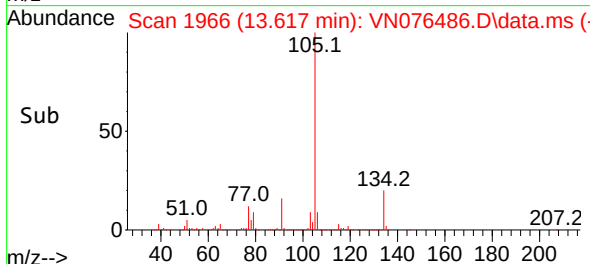
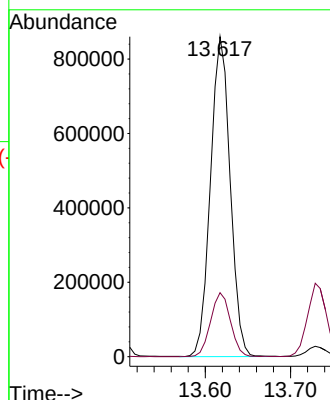
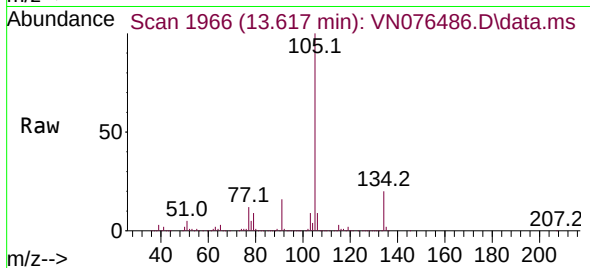
134 20.1 10.3 30.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2023

Supervised By :Mahesh Dadoda 02/01/2023



#86

p-Isopropyltoluene

Concen: 52.952 ug/l

RT: 13.729 min Scan# 1985

Delta R.T. 0.000 min

Lab File: VN076486.D

Acq: 31 Jan 2023 17:59

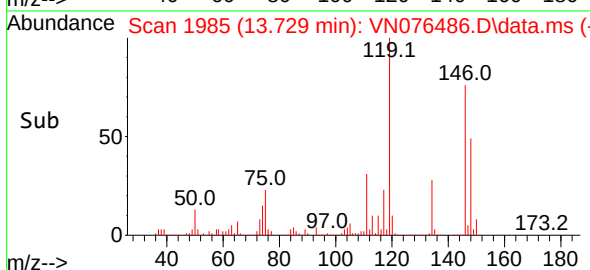
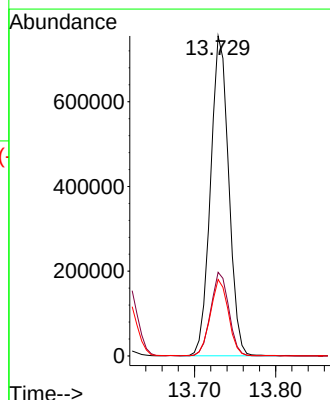
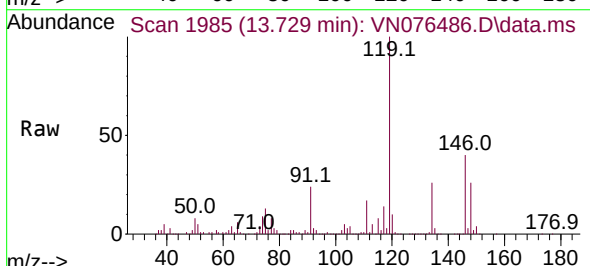
Tgt Ion:119 Resp: 1170192

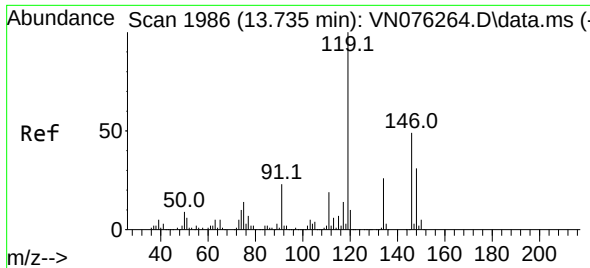
Ion Ratio Lower Upper

119 100

134 26.2 13.2 39.6

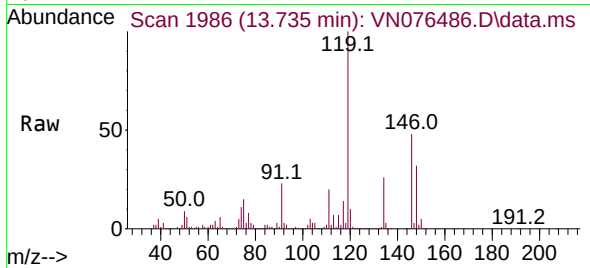
91 23.6 11.8 35.3





#87
1,3-Dichlorobenzene
Concen: 46.520 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN076486.D
Acq: 31 Jan 2023 17:59

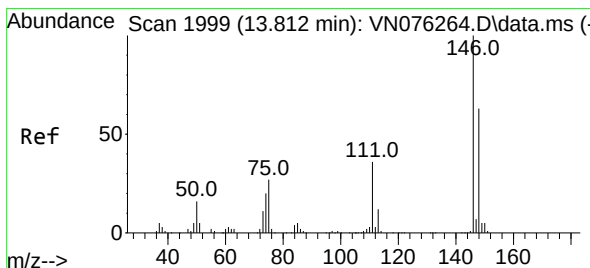
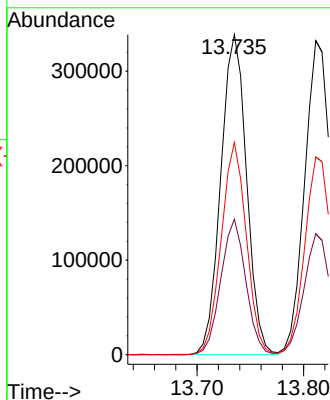
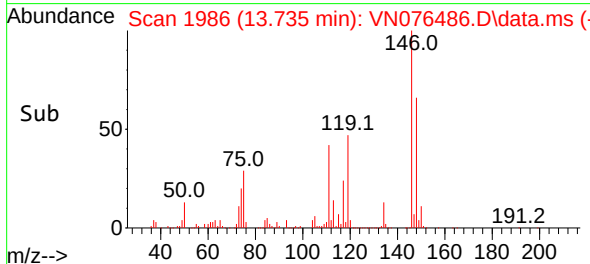
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



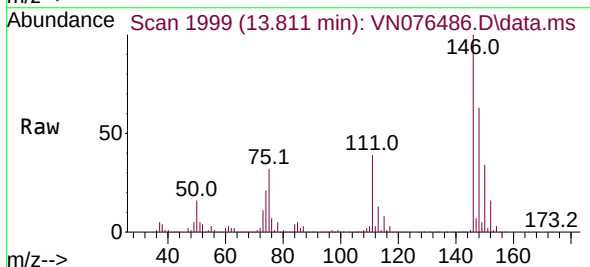
Tgt Ion:146 Resp: 569929
Ion Ratio Lower Upper
146 100
111 41.1 19.9 59.7
148 64.5 31.6 94.8

Manual Integrations
APPROVED

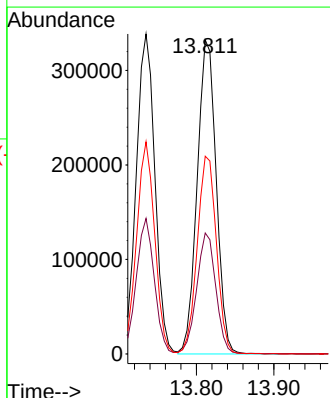
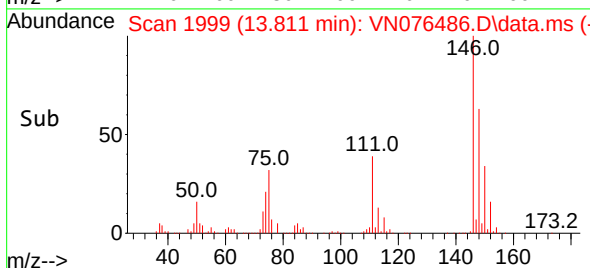
Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023

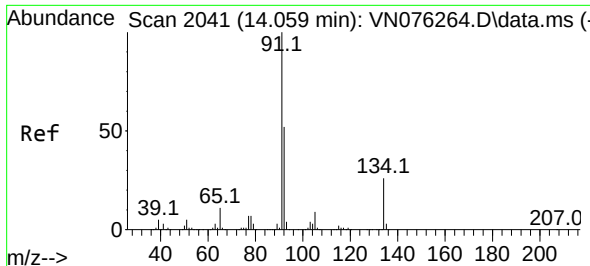


#88
1,4-Dichlorobenzene
Concen: 48.783 ug/l
RT: 13.811 min Scan# 1999
Delta R.T. -0.001 min
Lab File: VN076486.D
Acq: 31 Jan 2023 17:59



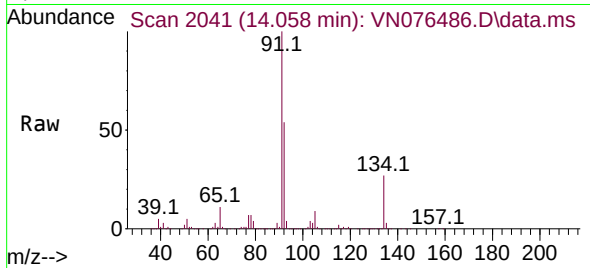
Tgt Ion:146 Resp: 568501
Ion Ratio Lower Upper
146 100
111 38.8 19.1 57.5
148 63.5 31.9 95.9





#89
n-Butylbenzene
Concen: 54.059 ug/l
RT: 14.058 min Scan# 2041
Delta R.T. -0.001 min
Lab File: VN076486.D
Acq: 31 Jan 2023 17:59

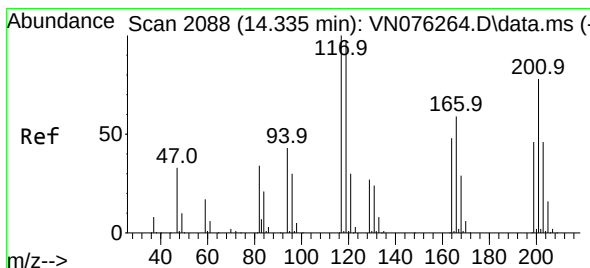
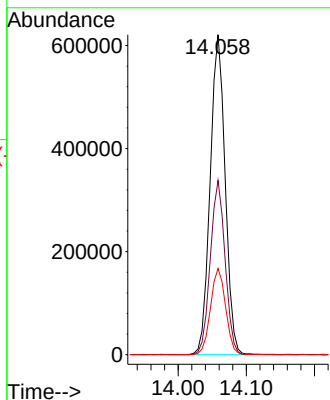
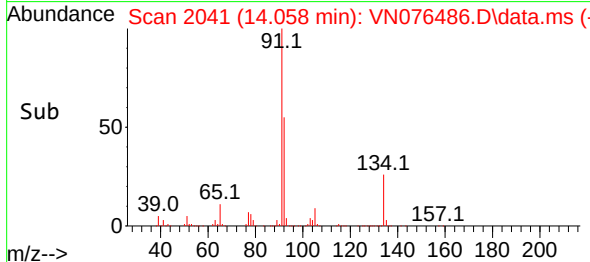
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 94836
Ion Ratio Lower Upper
91 100
92 53.9 26.3 78.9
134 27.1 13.2 39.5

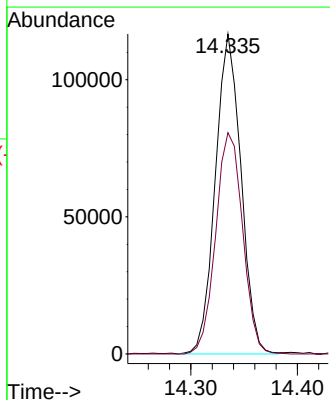
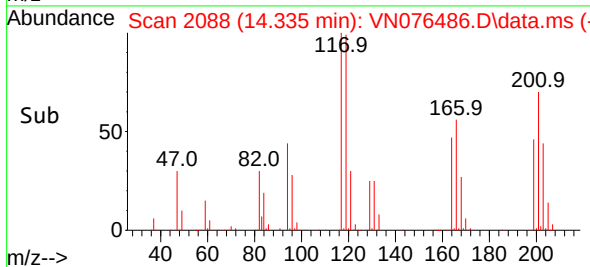
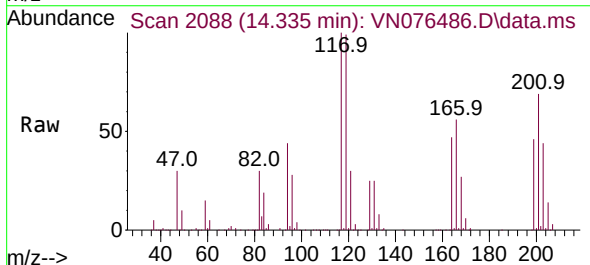
Manual Integrations
APPROVED

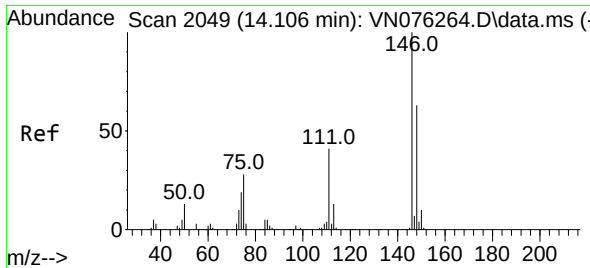
Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023



#90
Hexachloroethane
Concen: 51.212 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VN076486.D
Acq: 31 Jan 2023 17:59

Tgt Ion:117 Resp: 195329
Ion Ratio Lower Upper
117 100
201 72.6 37.3 111.9





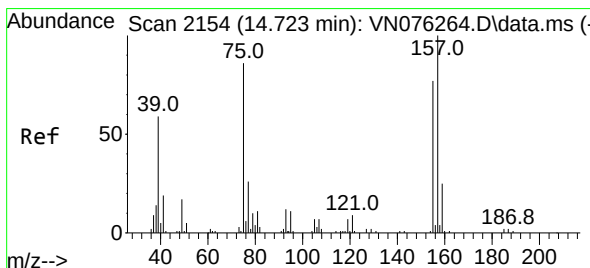
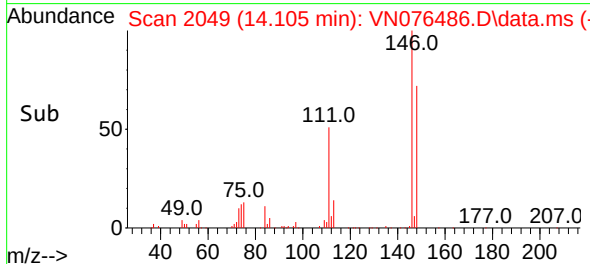
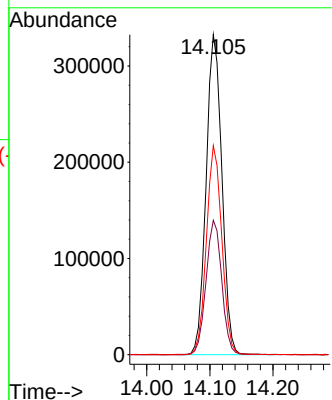
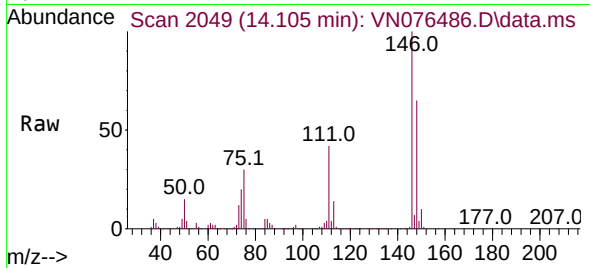
#91
1,2-Dichlorobenzene
Concen: 47.220 ug/l
RT: 14.105 min Scan# 2049
Delta R.T. -0.001 min
Lab File: VN076486.D
Acq: 31 Jan 2023 17:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 57619
Ion Ratio Lower Upper
146 100
111 41.9 20.3 60.8
148 63.9 31.8 95.4

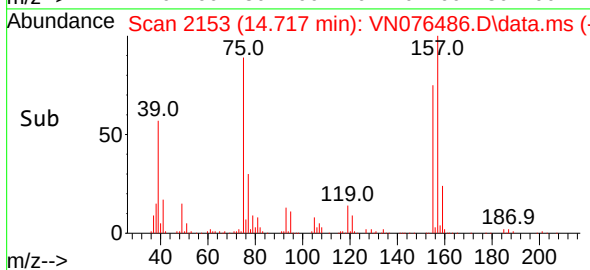
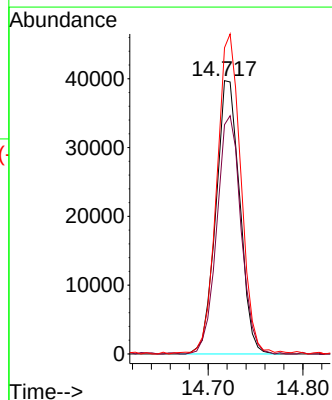
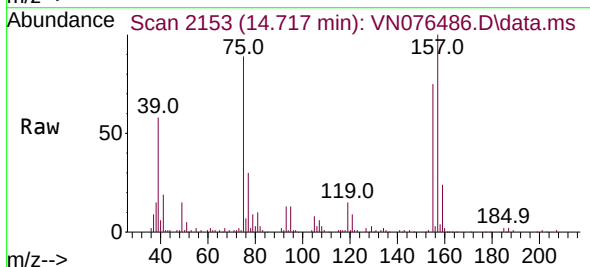
Manual Integrations
APPROVED

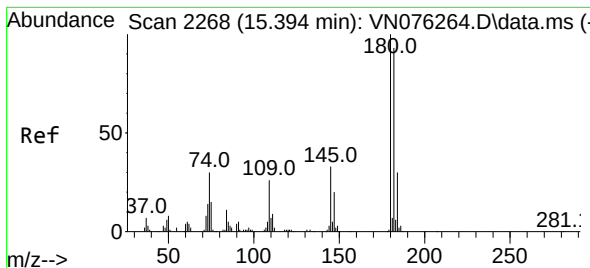
Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.398 ug/l
RT: 14.717 min Scan# 2153
Delta R.T. -0.006 min
Lab File: VN076486.D
Acq: 31 Jan 2023 17:59

Tgt Ion: 75 Resp: 69358
Ion Ratio Lower Upper
75 100
155 88.6 45.0 135.0
157 118.9 58.3 174.9





#93

1,2,4-Trichlorobenzene

Concen: 48.004 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN076486.D

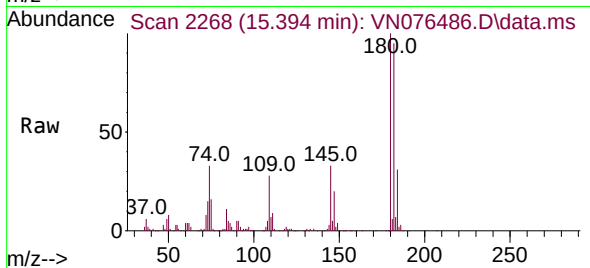
Acq: 31 Jan 2023 17:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion:180 Resp: 28272

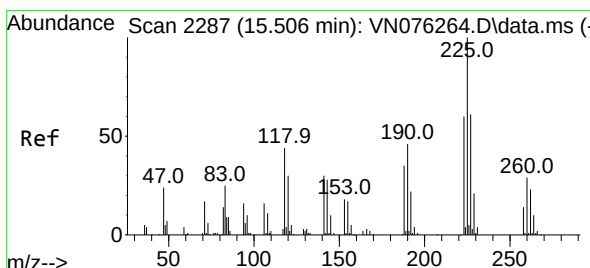
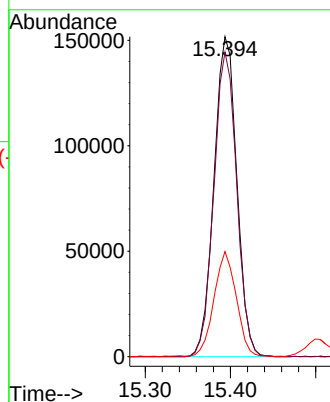
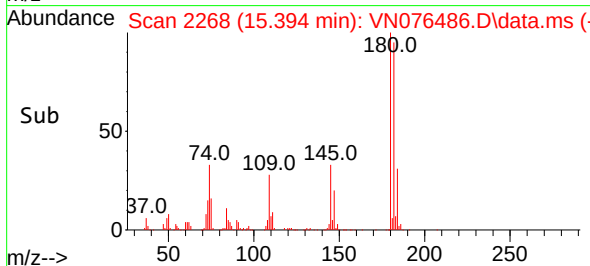
Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.0	141.2
145	32.4	15.2	45.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2023

Supervised By :Mahesh Dadoda 02/01/2023



#94

Hexachlorobutadiene

Concen: 45.347 ug/l

RT: 15.505 min Scan# 2287

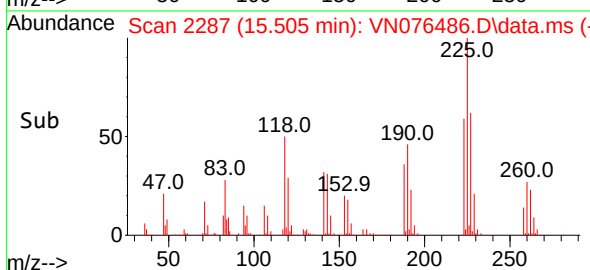
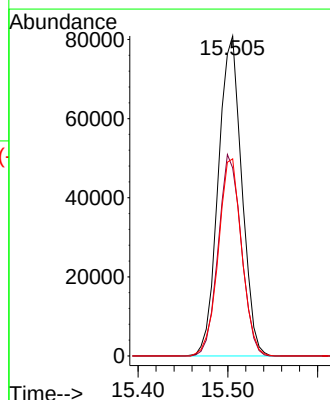
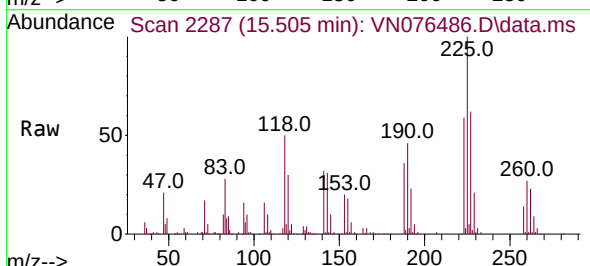
Delta R.T. -0.001 min

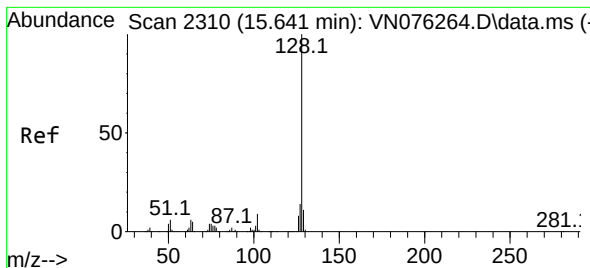
Lab File: VN076486.D

Acq: 31 Jan 2023 17:59

Tgt Ion:225 Resp: 146840

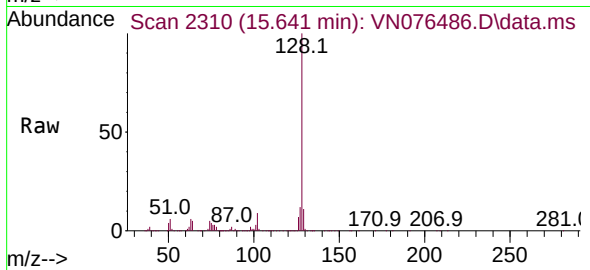
Ion	Ratio	Lower	Upper
225	100		
223	61.8	30.8	92.3
227	61.4	30.9	92.8





#95
Naphthalene
Concen: 49.677 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN076486.D
Acq: 31 Jan 2023 17:59

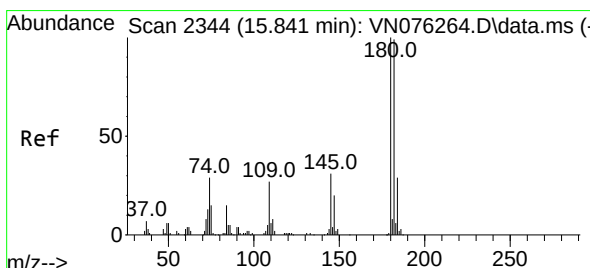
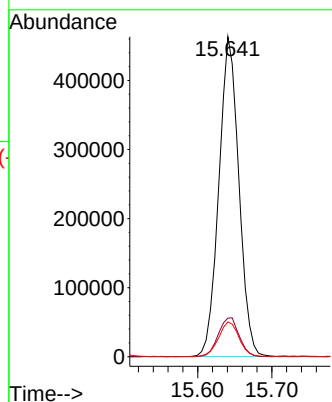
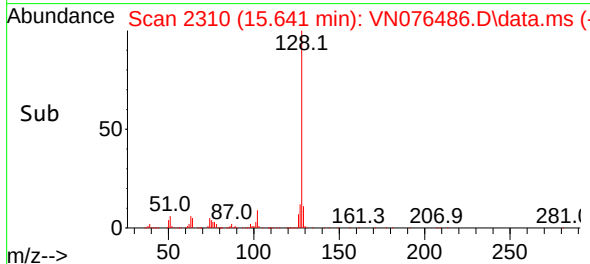
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 86703
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.2 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023



#96
1,2,3-Trichlorobenzene
Concen: 48.368 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN076486.D
Acq: 31 Jan 2023 17:59

Tgt Ion:180 Resp: 271621
Ion Ratio Lower Upper
180 100
182 95.8 47.5 142.5
145 33.9 15.9 47.6

