

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031023\
 Data File : VN076925.D
 Acq On : 10 Mar 2023 15:17
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 10 15:34:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 13:47:39 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/13/2023
 Supervised By : Mahesh Dadoda 03/13/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	433047	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	699748	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	617749	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	293709	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	295790	45.772	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.540%		
35) Dibromofluoromethane	8.172	113	219387	47.043	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.080%		
50) Toluene-d8	10.572	98	815890	47.470	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.940%		
62) 4-Bromofluorobenzene	12.848	95	313629	49.888	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.780%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	385758	49.456	ug/l	100
3) Chloromethane	2.378	50	185847	44.030	ug/l	98
4) Vinyl Chloride	2.531	62	178518	45.564	ug/l	97
5) Bromomethane	2.954	94	135509	47.021	ug/l	93
6) Chloroethane	3.131	64	107787	43.337	ug/l	98
7) Trichlorofluoromethane	3.507	101	480703	47.285	ug/l	95
8) Diethyl Ether	3.978	74	156069	47.716	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.384	101	242774	46.742	ug/l	97
10) Methyl Iodide	4.601	142	278746	51.276	ug/l #	86
11) Tert butyl alcohol	5.537	59	203276	226.123	ug/l	99
12) 1,1-Dichloroethene	4.360	96	226693	47.359	ug/l	91
13) Acrolein	4.195	56	178190	220.523	ug/l	99
14) Allyl chloride	5.037	41	319296	46.498	ug/l #	89
15) Acrylonitrile	5.731	53	577629	227.357	ug/l	99
16) Acetone	4.437	43	577616	257.946	ug/l	96
17) Carbon Disulfide	4.725	76	618138	46.619	ug/l	99
18) Methyl Acetate	5.037	43	364428	44.127	ug/l	91
19) Methyl tert-butyl Ether	5.807	73	826716	48.572	ug/l	99
20) Methylene Chloride	5.290	84	253070	43.953	ug/l	90
21) trans-1,2-Dichloroethene	5.801	96	239635	47.224	ug/l	88
22) Diisopropyl ether	6.684	45	711557	46.838	ug/l	93
23) Vinyl Acetate	6.613	43	2327638	248.800	ug/l	94
24) 1,1-Dichloroethane	6.584	63	450956	46.471	ug/l	98
25) 2-Butanone	7.489	43	739899	232.321	ug/l	90
26) 2,2-Dichloropropane	7.501	77	414527	48.270	ug/l	97
27) cis-1,2-Dichloroethene	7.495	96	275594	47.065	ug/l	90
28) Bromochloromethane	7.819	49	162116	46.183	ug/l	90
29) Tetrahydrofuran	7.842	42	451250	228.593	ug/l	87
30) Chloroform	7.972	83	483509	46.371	ug/l	99
31) Cyclohexane	8.266	56	403859	43.558	ug/l	90
32) 1,1,1-Trichloroethane	8.178	97	462475	47.309	ug/l	98
36) 1,1-Dichloropropene	8.378	75	355563	49.296	ug/l	96
37) Ethyl Acetate	7.566	43	287490	49.842	ug/l	95
38) Carbon Tetrachloride	8.366	117	413400	48.972	ug/l	98
39) Methylcyclohexane	9.607	83	447897	51.156	ug/l #	89
40) Benzene	8.613	78	1008168	47.420	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	168080	48.970	ug/l #	87
42) 1,2-Dichloroethane	8.678	62	388909	46.897	ug/l	93
43) Isopropyl Acetate	8.695	43	494801	48.594	ug/l	93
44) Trichloroethene	9.354	130	263269	47.915	ug/l	99
45) 1,2-Dichloropropane	9.625	63	246834	47.187	ug/l	97
46) Dibromomethane	9.713	93	174614	47.796	ug/l	96
47) Bromodichloromethane	9.889	83	384905	49.663	ug/l	98
48) Methyl methacrylate	9.683	41	240649	48.236	ug/l	86
49) 1,4-Dioxane	9.695	88	91290	966.361	ug/l #	86
51) 4-Methyl-2-Pentanone	10.448	43	1438881	235.239	ug/l	95
52) Toluene	10.636	92	642323	49.089	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	400310	51.808	ug/l	99
54) cis-1,3-Dichloropropene	10.313	75	427332	50.360	ug/l #	92
55) 1,1,2-Trichloroethane	11.019	97	238481	46.843	ug/l	98
56) Ethyl methacrylate	10.877	69	388375	50.295	ug/l #	86
57) 1,3-Dichloropropane	11.166	76	417718	46.530	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.166	63	603797	245.548	ug/l	96
59) 2-Hexanone	11.195	43	1075029	241.044	ug/l	92
60) Dibromochloromethane	11.360	129	278510	49.654	ug/l	98
61) 1,2-Dibromoethane	11.471	107	246880	48.382	ug/l	100
64) Tetrachloroethene	11.107	164	256824	51.368	ug/l	97
65) Chlorobenzene	11.895	112	656402	47.504	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.960	131	260554	48.302	ug/l	96
67) Ethyl Benzene	11.966	91	1273856	50.135	ug/l	96
68) m/p-Xylenes	12.071	106	942618	98.704	ug/l	86
69) o-Xylene	12.401	106	455736	49.155	ug/l	80
70) Styrene	12.413	104	768695	51.321	ug/l #	93
71) Bromoform	12.583	173	197198	50.445	ug/l #	97
73) Isopropylbenzene	12.695	105	1263638	48.283	ug/l	95
74) N-amyl acetate	12.495	43	414212	47.802	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.942	83	325396	42.255	ug/l	100
76) 1,2,3-Trichloropropane	12.995	75	312646m	43.906	ug/l	
77) Bromobenzene	12.983	156	271511	46.406	ug/l	92
78) n-propylbenzene	13.036	91	1466200	50.309	ug/l	96
79) 2-Chlorotoluene	13.124	91	893638	47.285	ug/l	92
80) 1,3,5-Trimethylbenzene	13.177	105	1105368	49.582	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.742	75	126019	57.808	ug/l	95
82) 4-Chlorotoluene	13.224	91	881890	49.383	ug/l	91
83) tert-Butylbenzene	13.442	119	913176	48.215	ug/l	88
84) 1,2,4-Trimethylbenzene	13.483	105	1087805	48.771	ug/l	93
85) sec-Butylbenzene	13.618	105	1308834	50.415	ug/l	97
86) p-Isopropyltoluene	13.730	119	1104834	52.700	ug/l	93
87) 1,3-Dichlorobenzene	13.736	146	506247	47.476	ug/l	97
88) 1,4-Dichlorobenzene	13.813	146	504453	47.160	ug/l	98
89) n-Butylbenzene	14.060	91	948994	54.246	ug/l	98
90) Hexachloroethane	14.336	117	189445	47.028	ug/l	84
91) 1,2-Dichlorobenzene	14.107	146	504027	47.053	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.724	75	76874	45.214	ug/l	86
93) 1,2,4-Trichlorobenzene	15.395	180	305832	51.363	ug/l	98
94) Hexachlorobutadiene	15.501	225	166376	52.445	ug/l	97
95) Naphthalene	15.642	128	903492	50.966	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	291066	50.340	ug/l	99

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Manual Integrations
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Quant Title : SW846 8260
QLast Update : Fri Mar 10 13:47:39 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

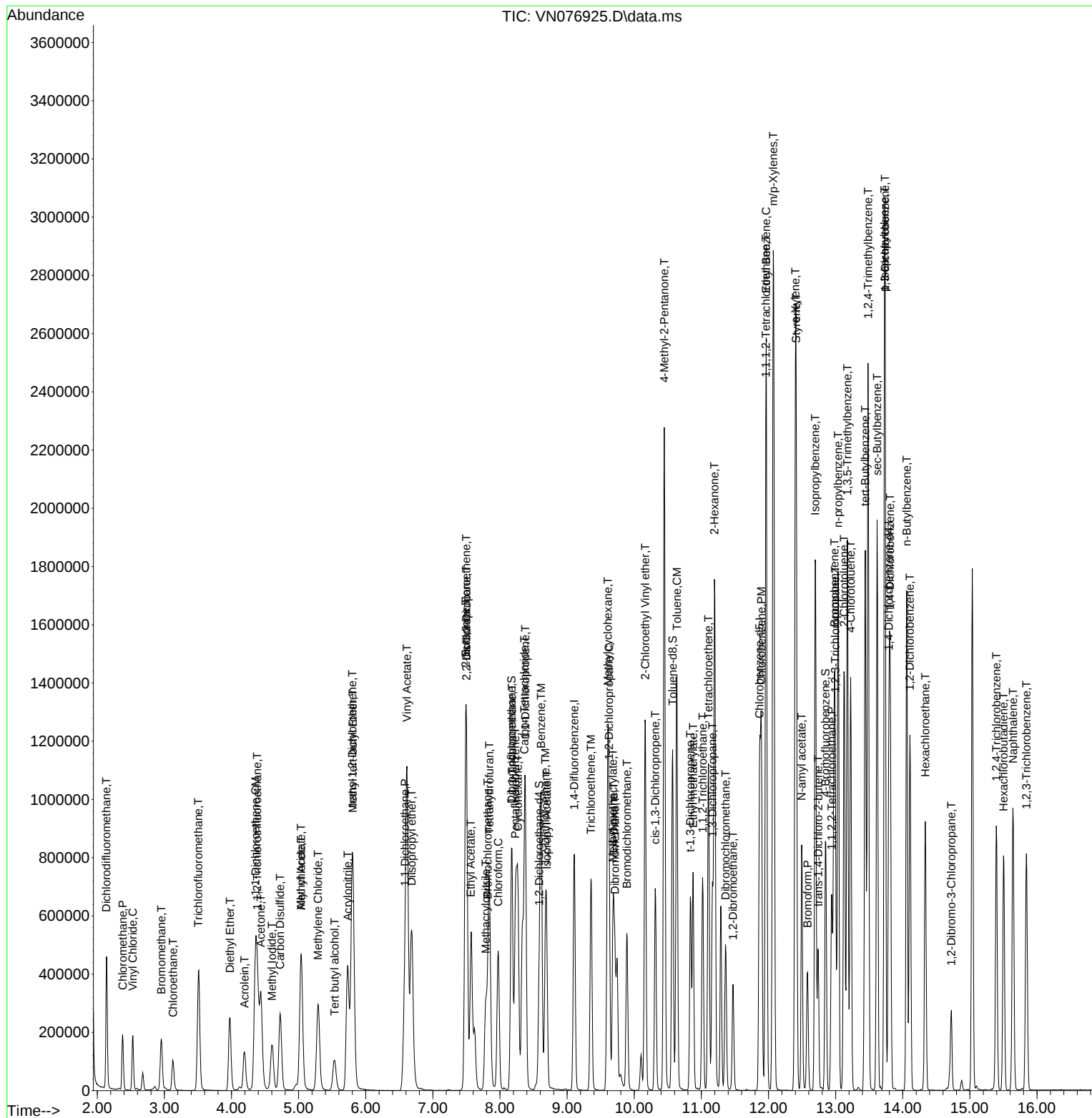
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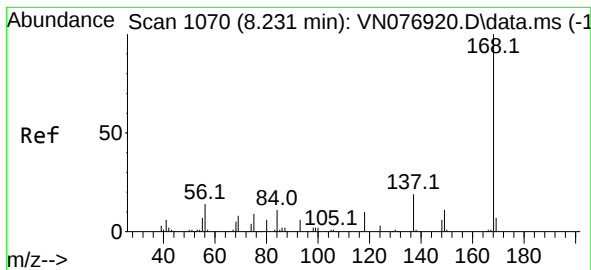
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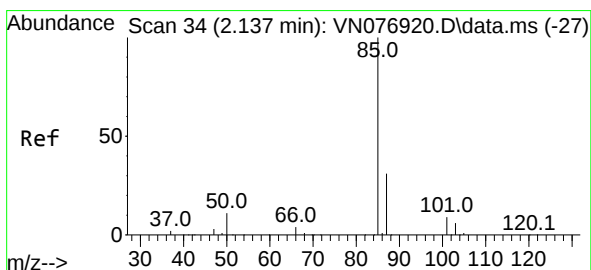
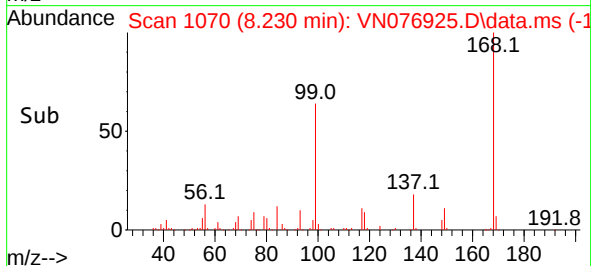
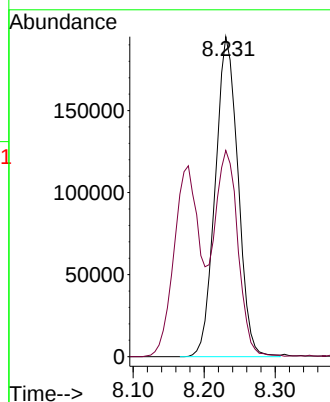
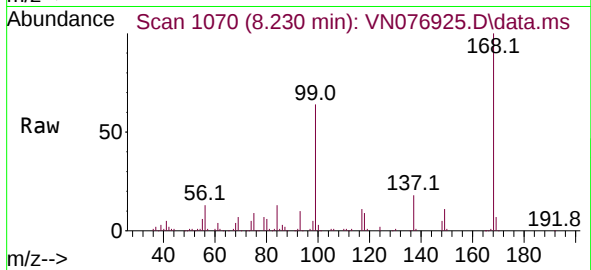
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.001 min
Lab File: VN076925.D
Acq: 10 Mar 2023 15:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 43304
Ion Ratio Lower Upper
168 100
99 64.0 48.6 73.0

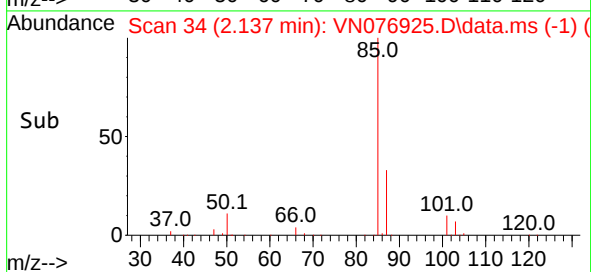
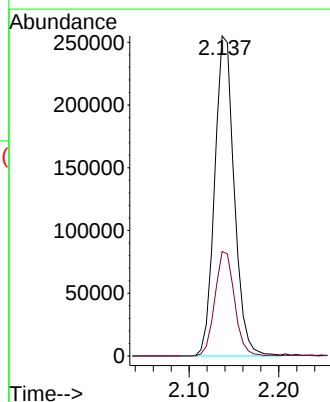
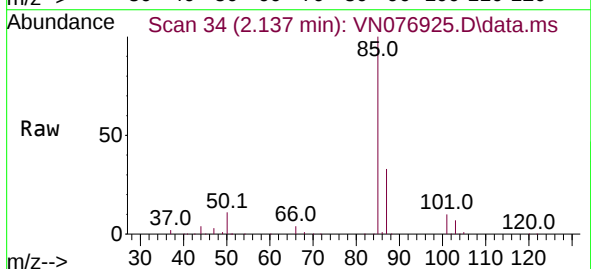
Manual Integrations
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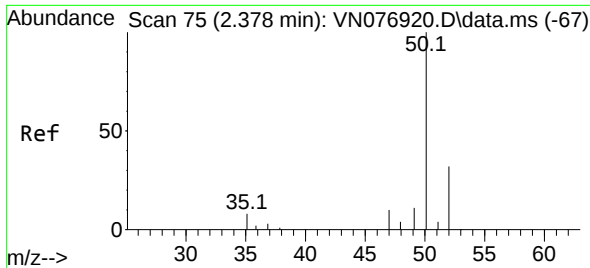
Reviewed By :John Carlone 03/13/2023
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#2
Dichlorodifluoromethane
Concen: 49.456 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN076925.D
Acq: 10 Mar 2023 15:17

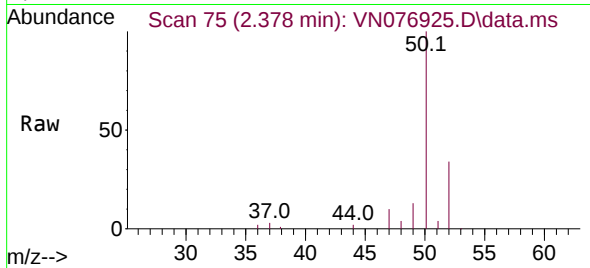
Tgt Ion: 85 Resp: 385758
Ion Ratio Lower Upper
85 100
87 32.7 16.2 48.6





#3
Chloromethane
Concen: 44.030 ug/l
RT: 2.378 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN076925.D
Acq: 10 Mar 2023 15:17

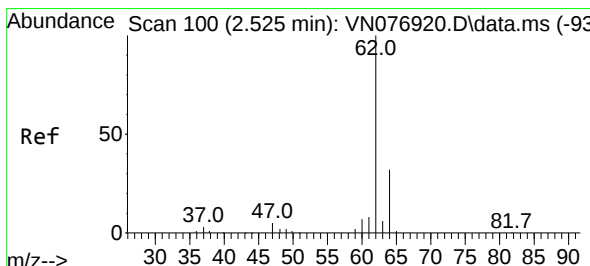
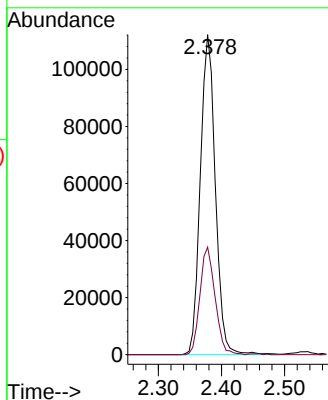
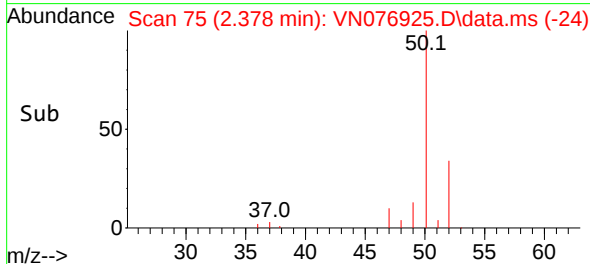
Instrument :
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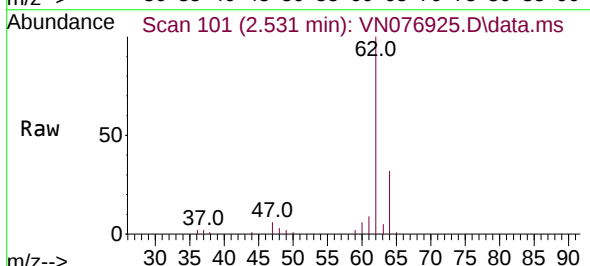
Tgt Ion: 50 Resp: 18584
Ion Ratio Lower Upper
50 100
52 33.6 27.9 41.9

Manual Integrations
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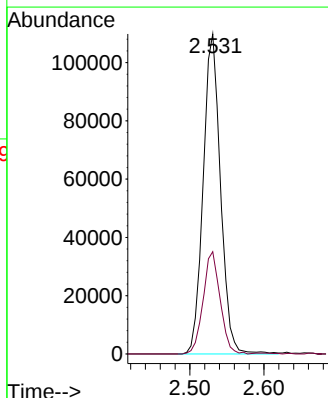
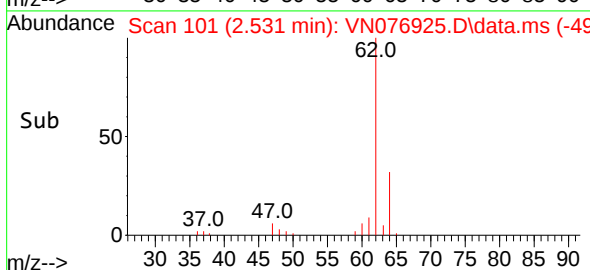
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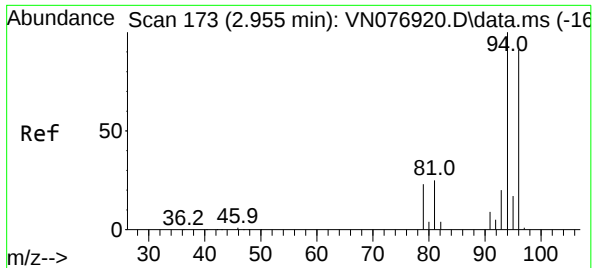


#4
Vinyl Chloride
Concen: 45.564 ug/l
RT: 2.531 min Scan# 101
Delta R.T. 0.006 min
Lab File: VN076925.D
Acq: 10 Mar 2023 15:17



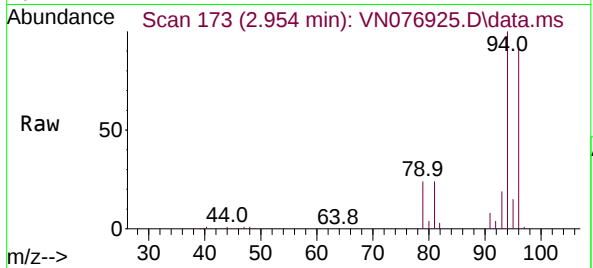
Tgt Ion: 62 Resp: 178518
Ion Ratio Lower Upper
62 100
64 32.0 24.5 36.7





#5
Bromomethane
Concen: 47.021 ug/l
RT: 2.954 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076925.D
Acq: 10 Mar 2023 15:17

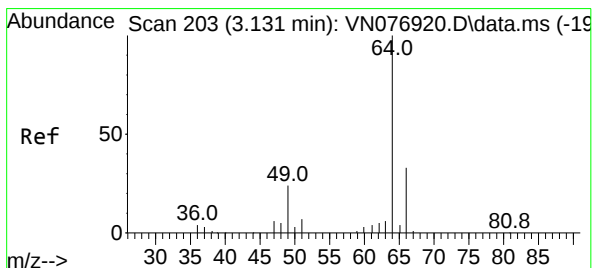
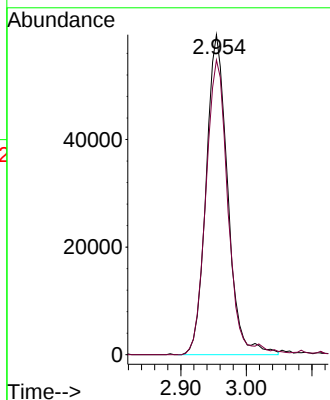
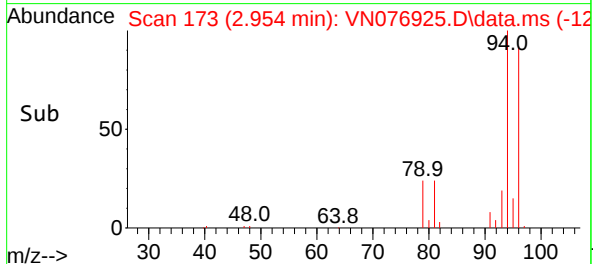
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Tgt Ion: 94 Resp: 135509
Ion Ratio Lower Upper
94 100
96 92.1 79.0 118.6

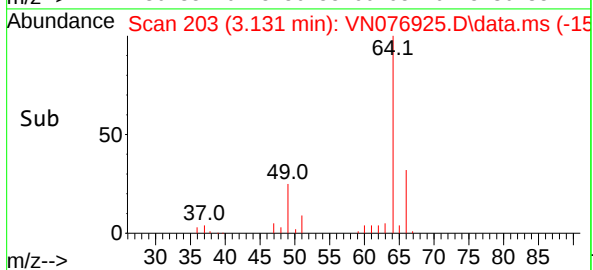
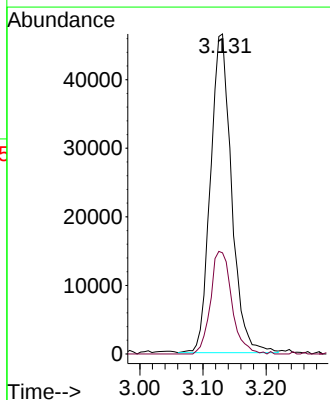
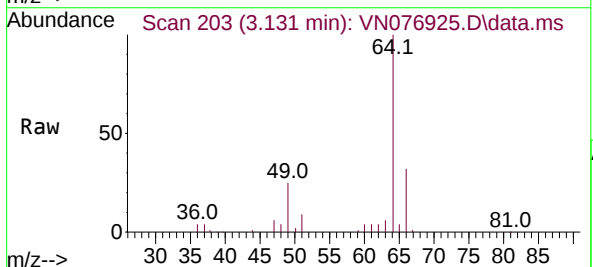
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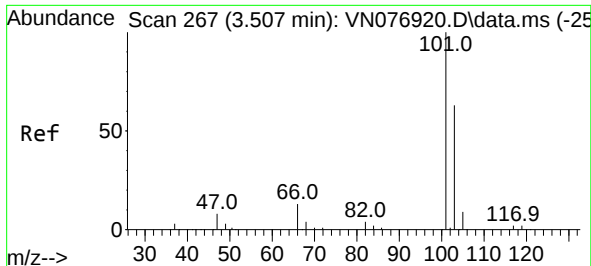
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#6
Chloroethane
Concen: 43.337 ug/l
RT: 3.131 min Scan# 203
Delta R.T. -0.000 min
Lab File: VN076925.D
Acq: 10 Mar 2023 15:17

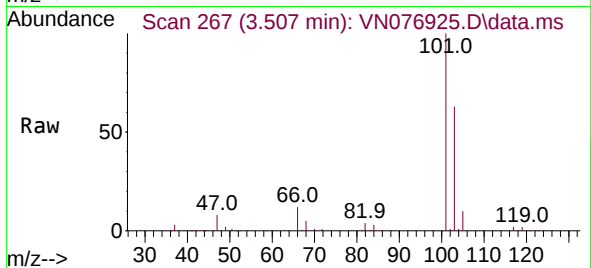
Tgt Ion: 64 Resp: 107787
Ion Ratio Lower Upper
64 100
66 31.7 26.2 39.4





#7
Trichlorofluoromethane
Concen: 47.285 ug/l
RT: 3.507 min Scan# 210
Delta R.T. -0.000 min
Lab File: VN076925.D
Acq: 10 Mar 2023 15:17

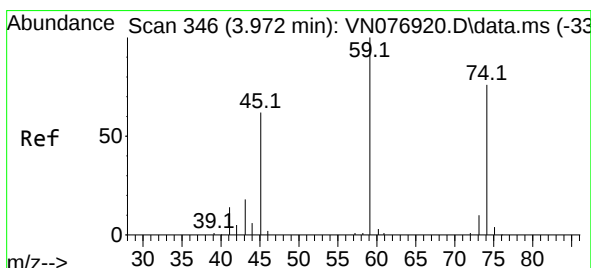
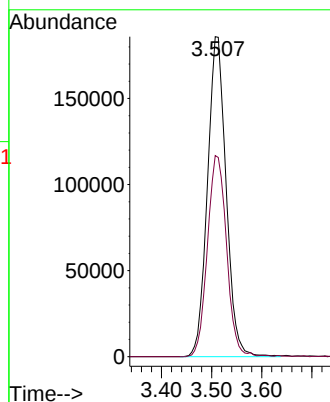
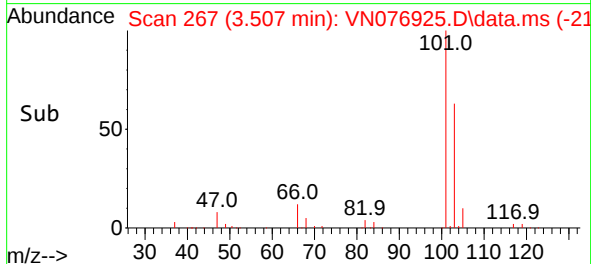
Instrument :
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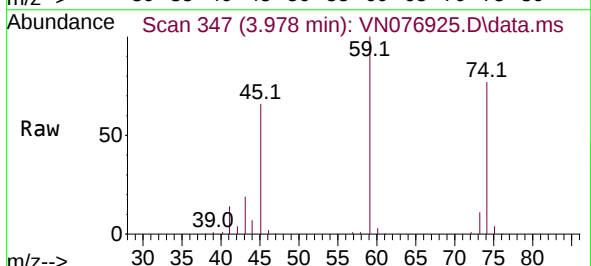
Tgt Ion:101 Resp: 48070
Ion Ratio Lower Upper
101 100
103 62.9 53.4 80.0

Manual Integrations
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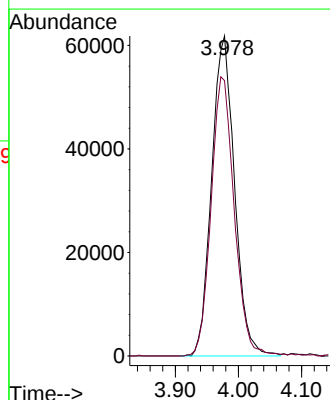
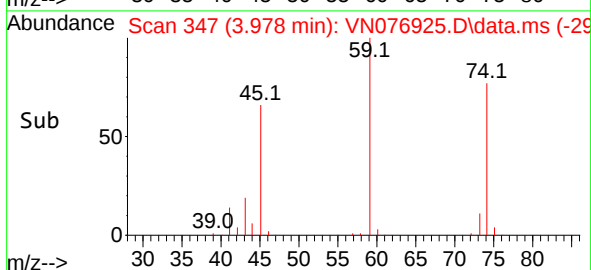
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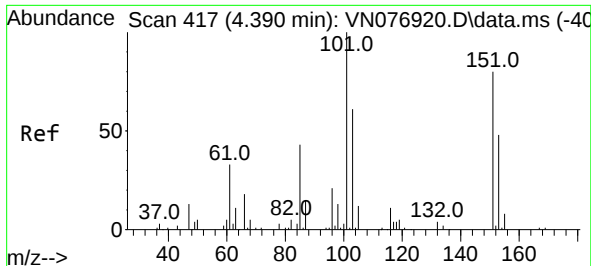


#8
Diethyl Ether
Concen: 47.716 ug/l
RT: 3.978 min Scan# 347
Delta R.T. 0.006 min
Lab File: VN076925.D
Acq: 10 Mar 2023 15:17



Tgt Ion: 74 Resp: 156069
Ion Ratio Lower Upper
74 100
45 88.0 35.5 106.5





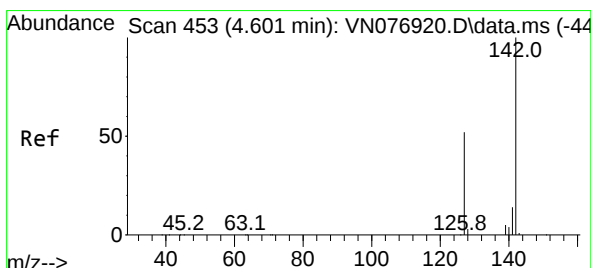
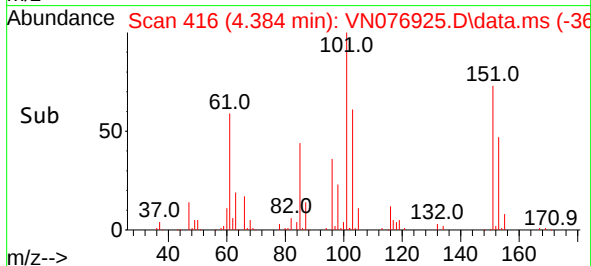
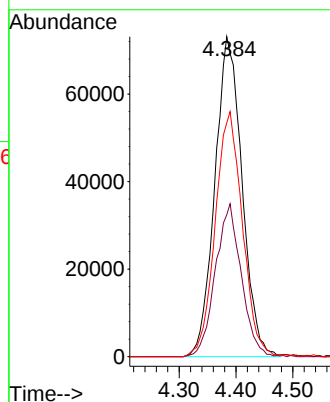
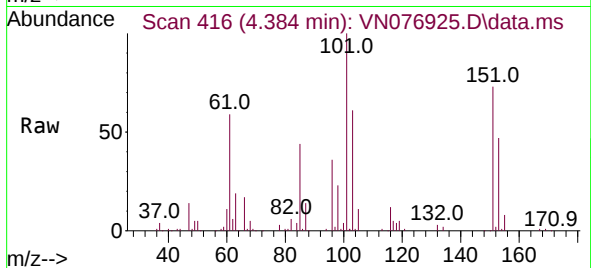
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.742 ug/l
RT: 4.384 min Scan# 417
Delta R.T. -0.006 min
Lab File: VN076925.D
Acq: 10 Mar 2023 15:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 242774
Ion Ratio Lower Upper
101 100
85 45.5 35.2 52.8
151 76.9 58.9 88.3

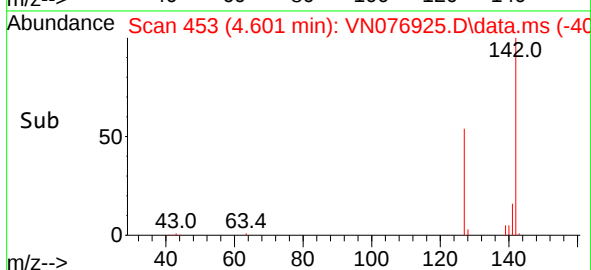
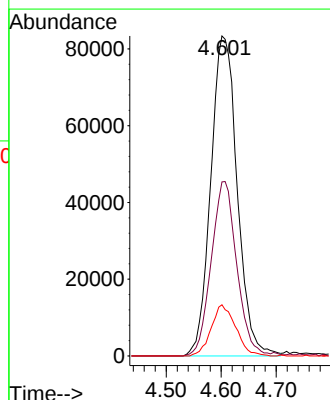
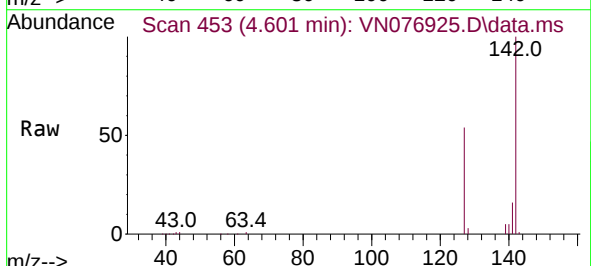
Manual Integrations
APPROVED

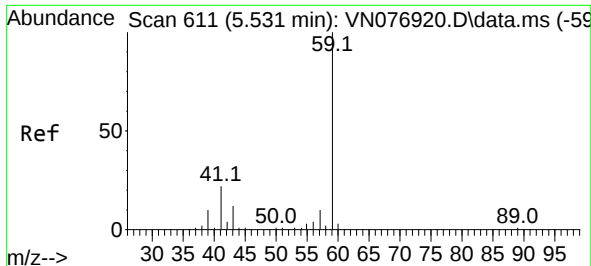
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#10
Methyl Iodide
Concen: 51.276 ug/l
RT: 4.601 min Scan# 453
Delta R.T. -0.000 min
Lab File: VN076925.D
Acq: 10 Mar 2023 15:17

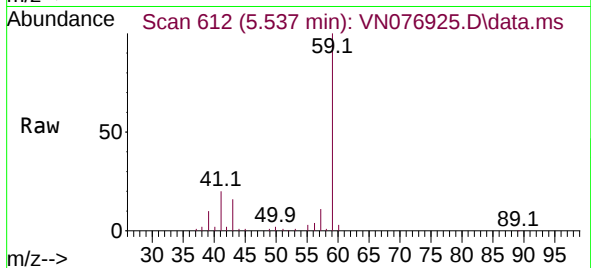
Tgt Ion:142 Resp: 278746
Ion Ratio Lower Upper
142 100
127 54.4 35.2 52.8#
141 16.0 10.2 15.2#





#11
Tert butyl alcohol
Concen: 226.123 ug/l
RT: 5.537 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN076925.D
Acq: 10 Mar 2023 15:17

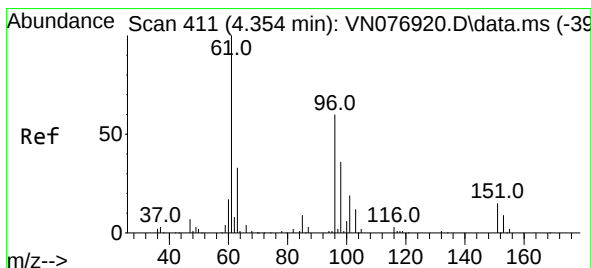
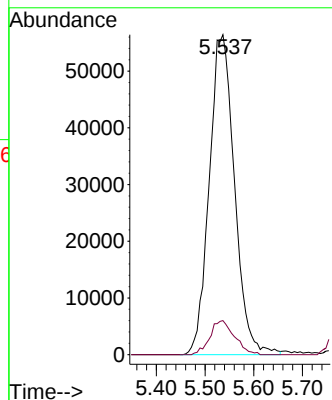
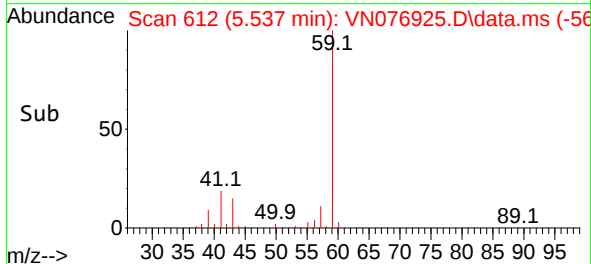
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 203270
Ion Ratio Lower Upper
59 100
57 10.4 8.6 12.8

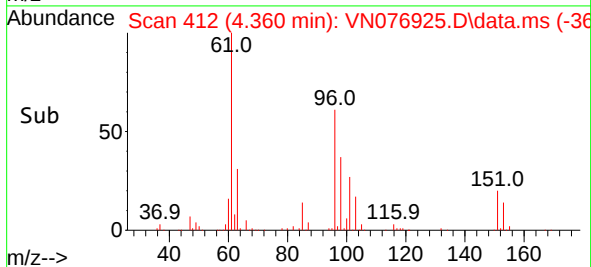
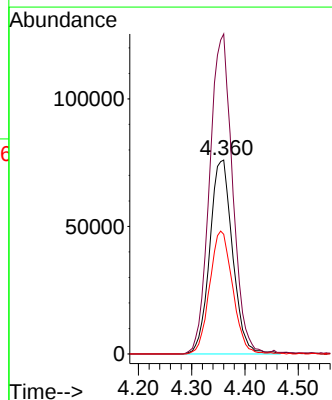
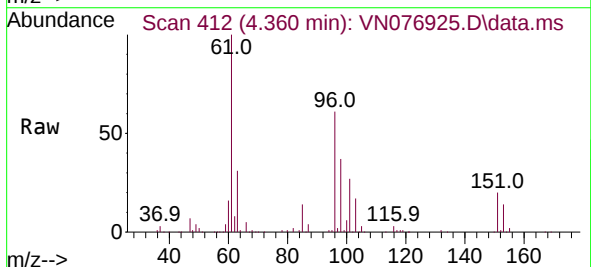
Manual Integrations
APPROVED

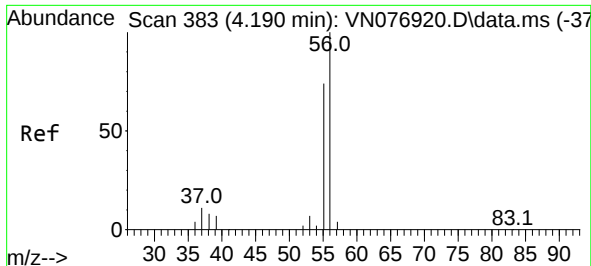
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#12
1,1-Dichloroethene
Concen: 47.359 ug/l
RT: 4.360 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN076925.D
Acq: 10 Mar 2023 15:17

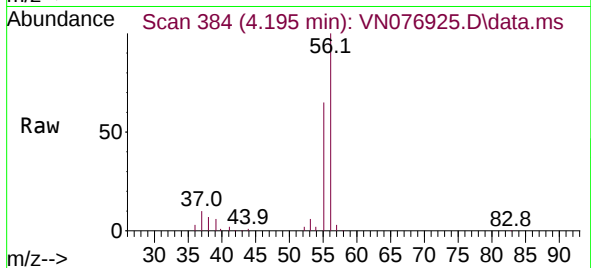
Tgt Ion: 96 Resp: 226693
Ion Ratio Lower Upper
96 100
61 165.0 121.3 181.9
98 61.7 52.1 78.1





#13
Acrolein
Concen: 220.523 ug/l
RT: 4.195 min Scan# 384
Delta R.T. 0.006 min
Lab File: VN076925.D
Acq: 10 Mar 2023 15:17

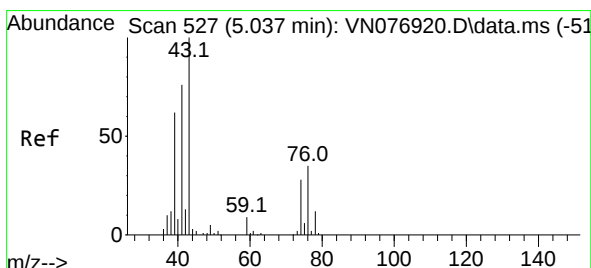
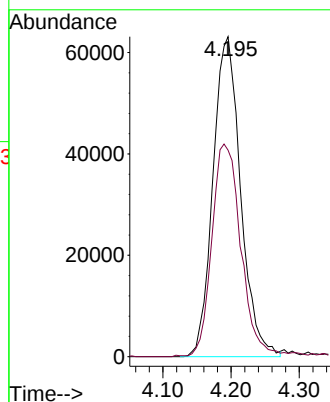
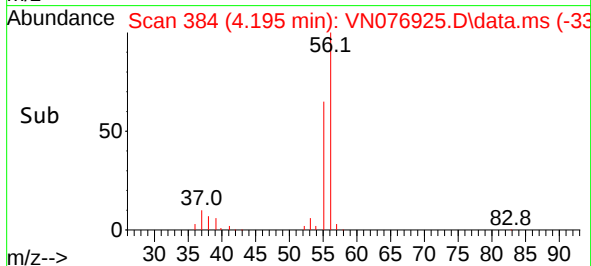
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 178190
Ion Ratio Lower Upper
56 100
55 69.7 56.7 85.1

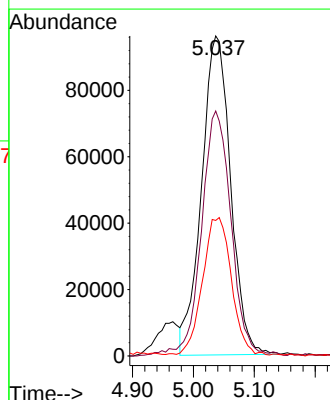
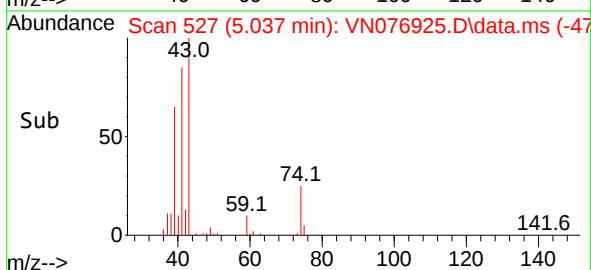
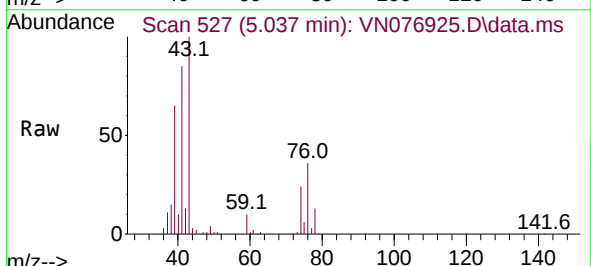
Manual Integrations
APPROVED

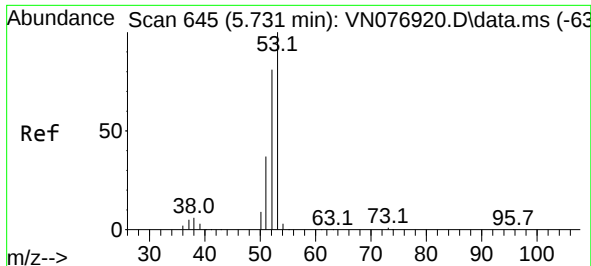
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#14
Allyl chloride
Concen: 46.498 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN076925.D
Acq: 10 Mar 2023 15:17

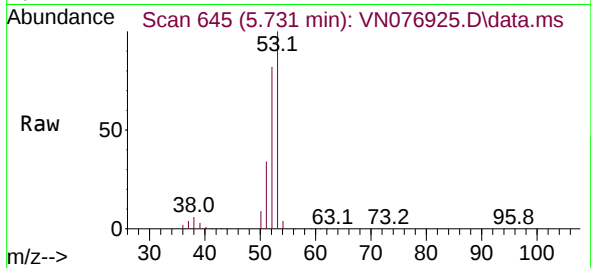
Tgt Ion: 41 Resp: 319296
Ion Ratio Lower Upper
41 100
39 78.0 68.1 102.1
76 42.6 44.1 66.1#





#15
Acrylonitrile
Concen: 227.357 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN076925.D
Acq: 10 Mar 2023 15:17

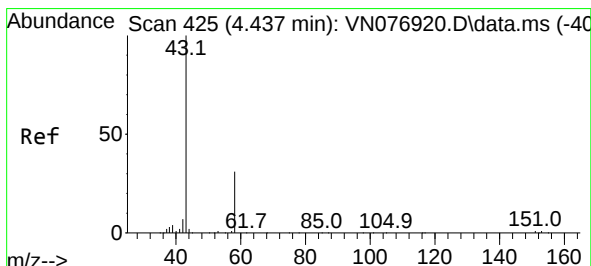
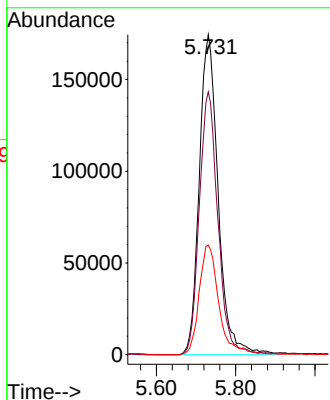
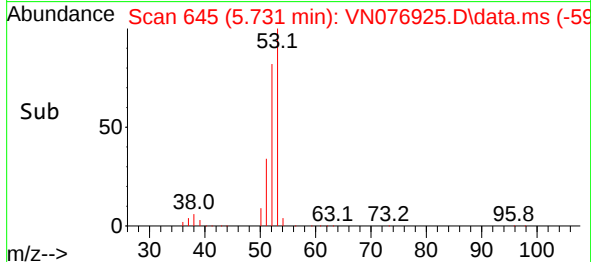
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



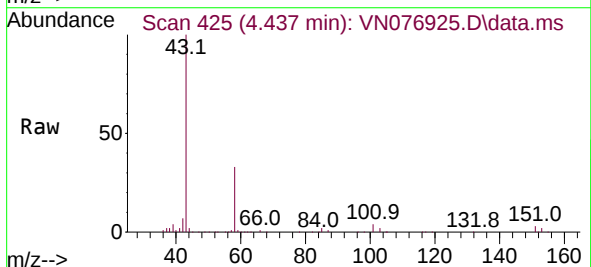
Tgt Ion: 53 Resp: 577629
Ion Ratio Lower Upper
53 100
52 80.6 65.3 97.9
51 35.8 28.8 43.2

Manual Integrations
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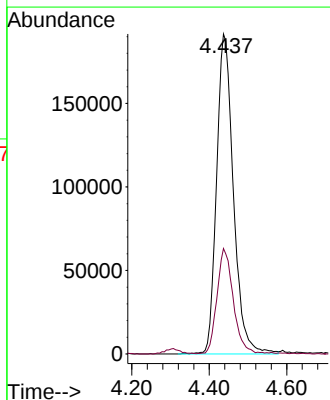
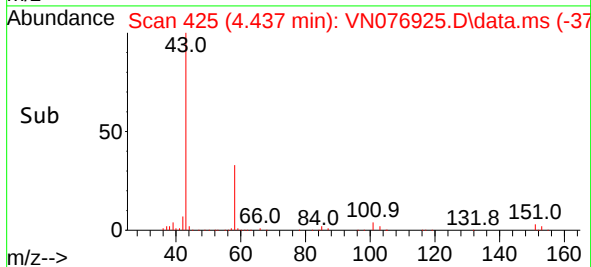
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

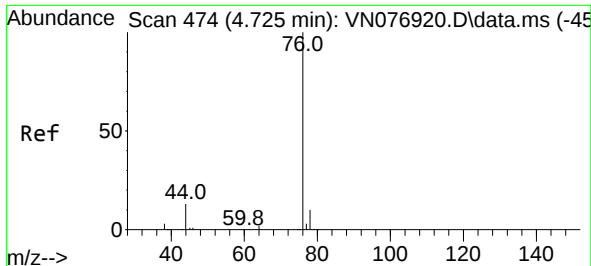


#16
Acetone
Concen: 257.946 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.000 min
Lab File: VN076925.D
Acq: 10 Mar 2023 15:17



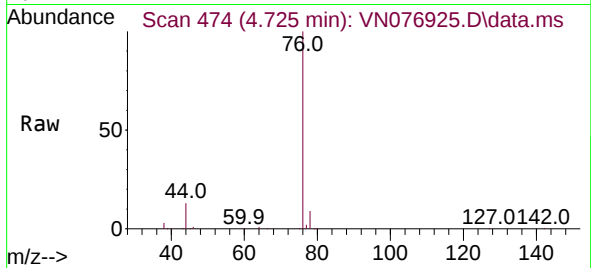
Tgt Ion: 43 Resp: 577616
Ion Ratio Lower Upper
43 100
58 32.6 28.2 42.2





#17
Carbon Disulfide
Concen: 46.619 ug/l
RT: 4.725 min Scan# 474
Delta R.T. -0.000 min
Lab File: VN076925.D
Acq: 10 Mar 2023 15:17

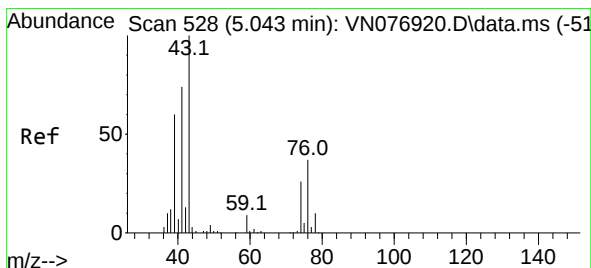
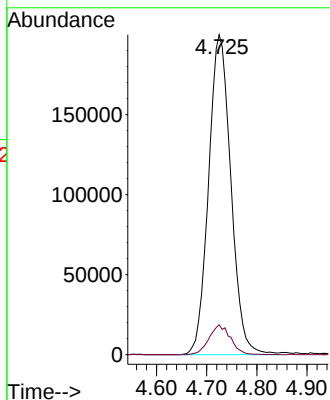
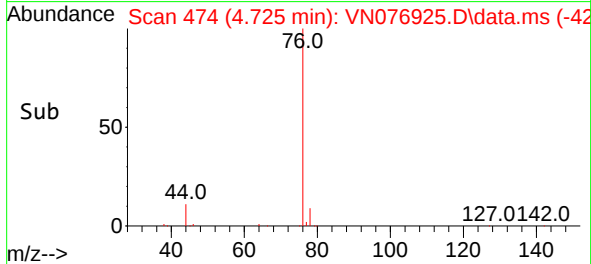
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 618138
Ion Ratio Lower Upper
76 100
78 9.4 7.8 11.8

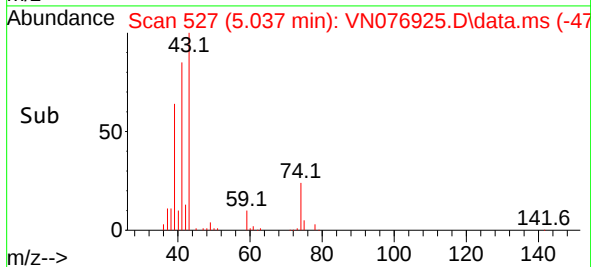
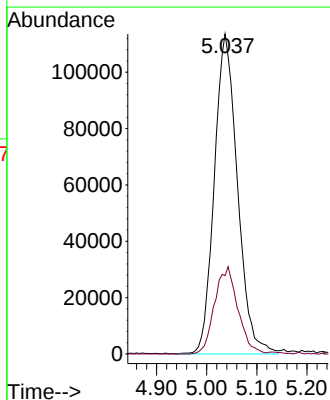
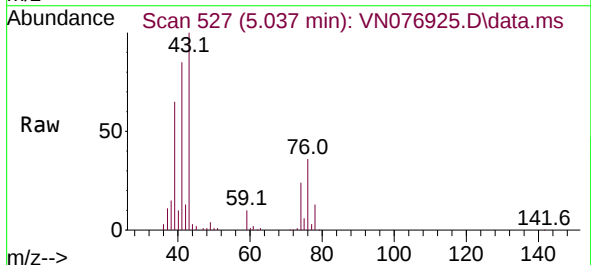
Manual Integrations
APPROVED

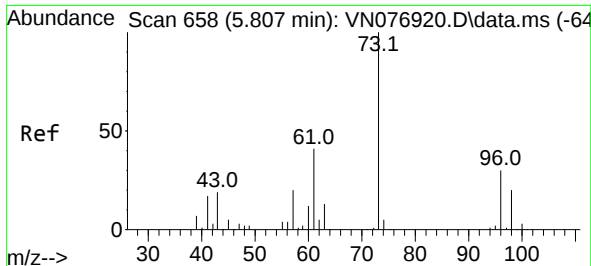
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#18
Methyl Acetate
Concen: 44.127 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.006 min
Lab File: VN076925.D
Acq: 10 Mar 2023 15:17

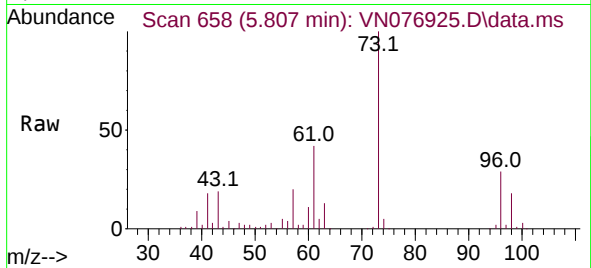
Tgt Ion: 43 Resp: 364428
Ion Ratio Lower Upper
43 100
74 27.3 25.9 38.9





#19
Methyl tert-butyl Ether
Concen: 48.572 ug/l
RT: 5.807 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN076925.D
Acq: 10 Mar 2023 15:17

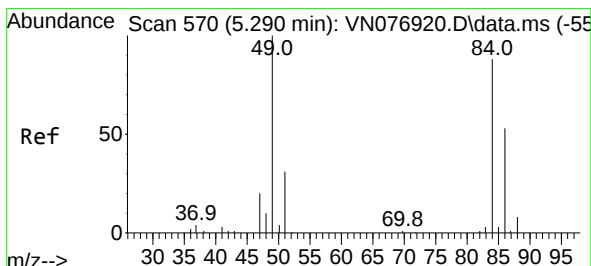
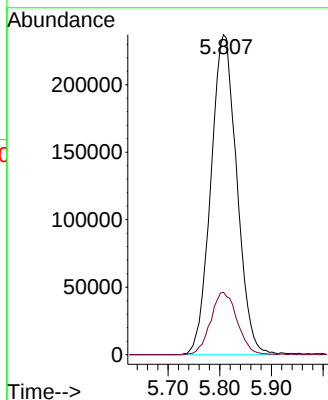
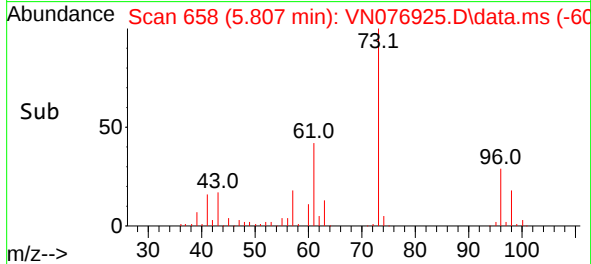
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 826710
Ion Ratio Lower Upper
73 100
57 19.5 16.1 24.1

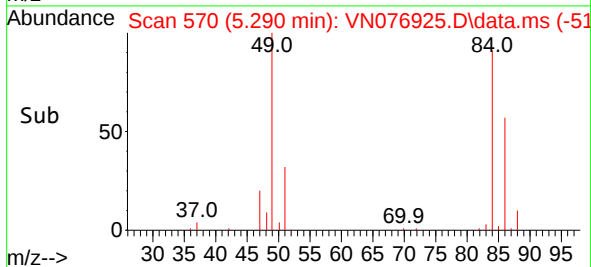
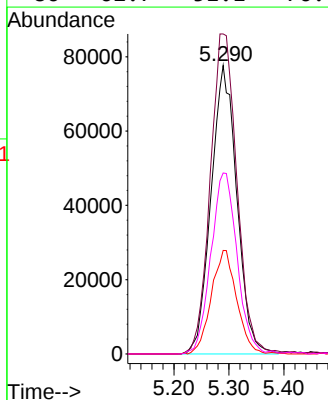
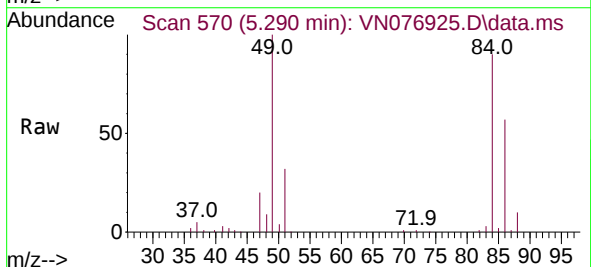
Manual Integrations
APPROVED

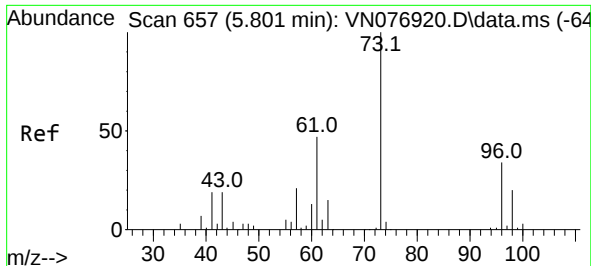
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#20
Methylene Chloride
Concen: 43.953 ug/l
RT: 5.290 min Scan# 570
Delta R.T. -0.000 min
Lab File: VN076925.D
Acq: 10 Mar 2023 15:17

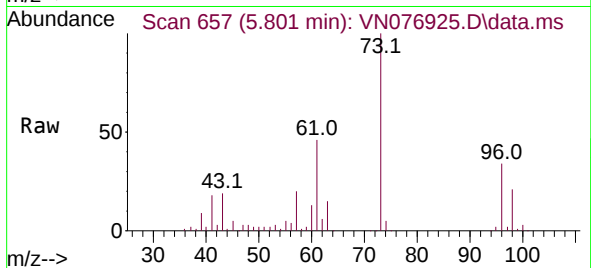
Tgt Ion: 84 Resp: 253070
Ion Ratio Lower Upper
84 100
49 110.9 76.6 114.8
51 35.9 25.4 38.2
86 62.7 51.1 76.7





#21
trans-1,2-Dichloroethene
Concen: 47.224 ug/l
RT: 5.801 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN076925.D
Acq: 10 Mar 2023 15:17

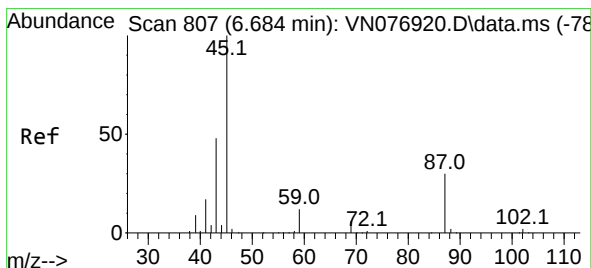
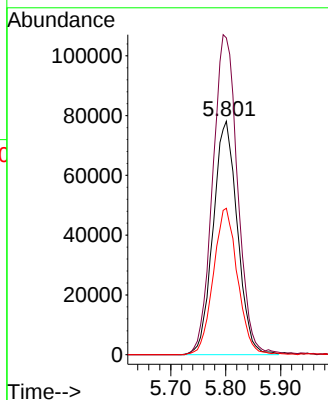
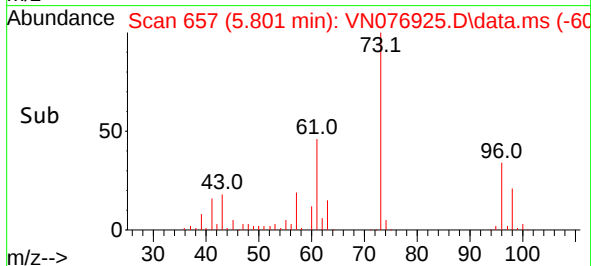
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 23963
Ion Ratio Lower Upper
96 100
61 135.7 95.0 142.6
98 62.7 54.5 81.7

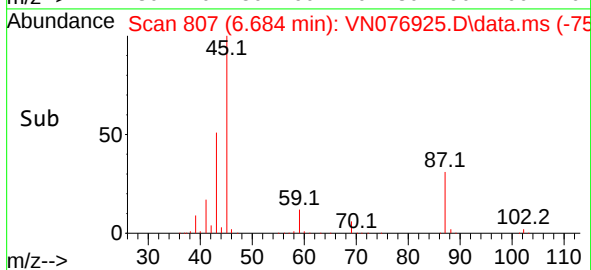
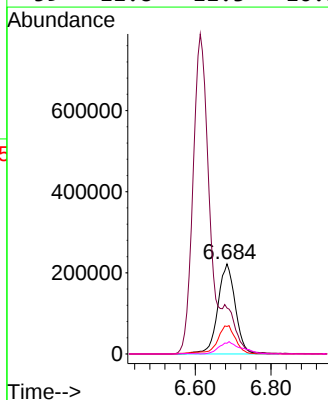
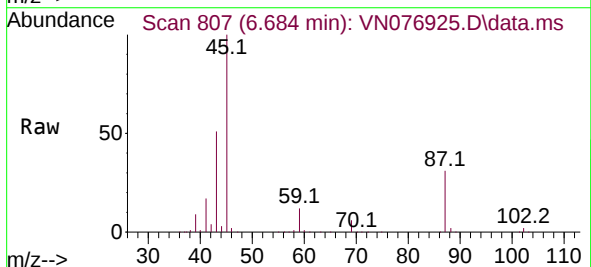
Manual Integrations
APPROVED

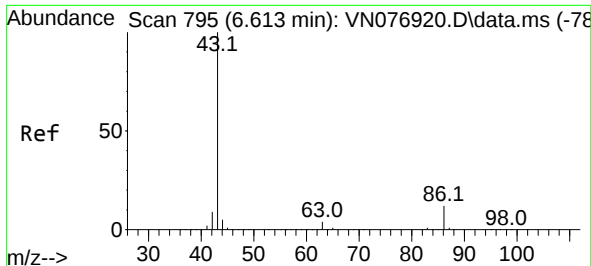
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#22
Diisopropyl ether
Concen: 46.838 ug/l
RT: 6.684 min Scan# 807
Delta R.T. -0.000 min
Lab File: VN076925.D
Acq: 10 Mar 2023 15:17

Tgt Ion: 45 Resp: 711557
Ion Ratio Lower Upper
45 100
43 50.4 42.6 63.8
87 30.5 29.7 44.5
59 11.8 11.3 16.9





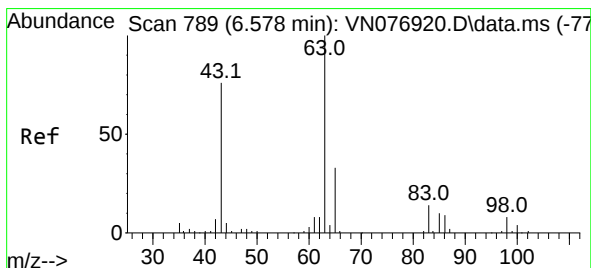
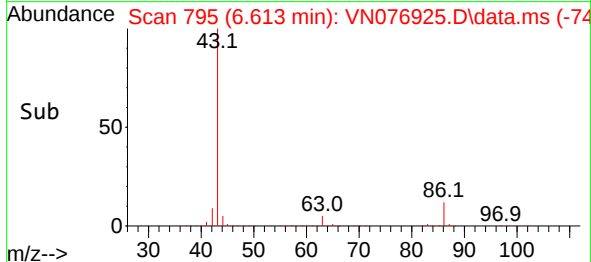
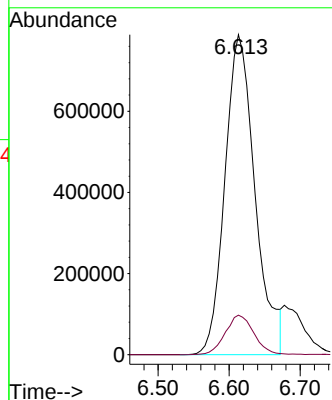
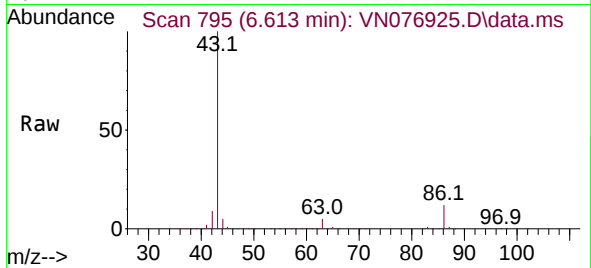
#23
 Vinyl Acetate
 Concen: 248.800 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: VN076925.D
 Acq: 10 Mar 2023 15:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 2327638
 Ion Ratio Lower Upper
 43 100
 86 12.4 11.8 17.6

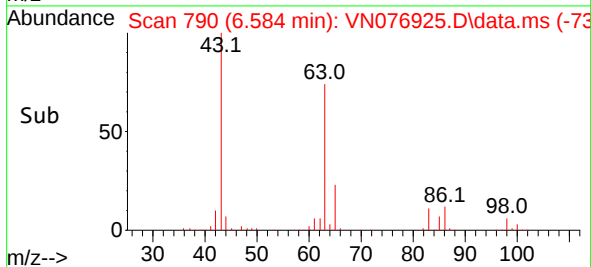
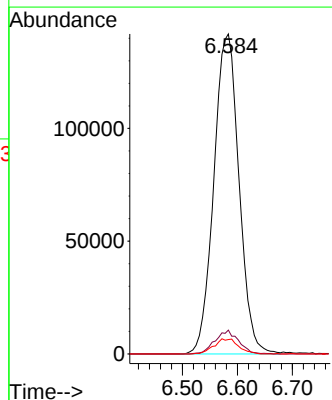
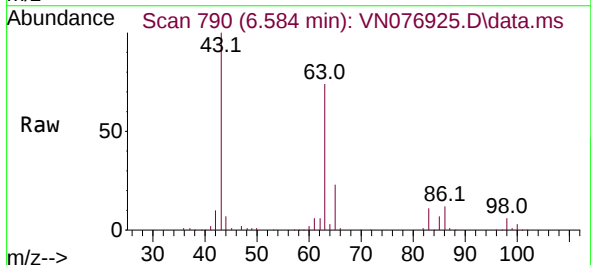
Manual Integrations
 APPROVED

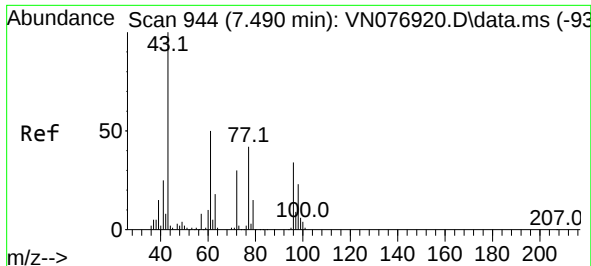
Reviewed By :John Carlone 03/13/2023
 Supervised By :Mahesh Dadoda 03/13/2023



#24
 1,1-Dichloroethane
 Concen: 46.471 ug/l
 RT: 6.584 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN076925.D
 Acq: 10 Mar 2023 15:17

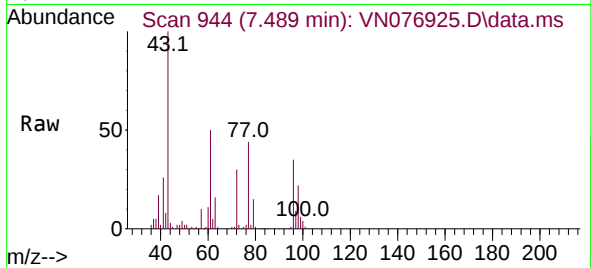
Tgt Ion: 63 Resp: 450956
 Ion Ratio Lower Upper
 63 100
 98 7.4 4.2 12.6
 100 4.5 2.2 6.6





#25
2-Butanone
Concen: 232.321 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.000 min
Lab File: VN076925.D
Acq: 10 Mar 2023 15:17

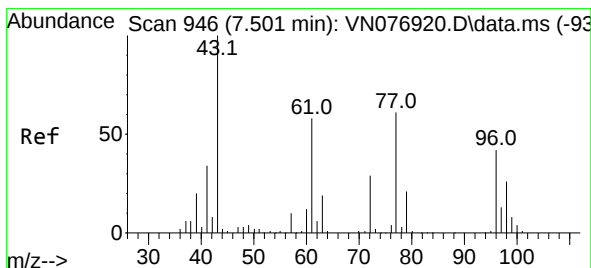
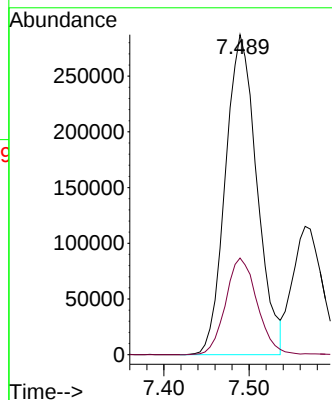
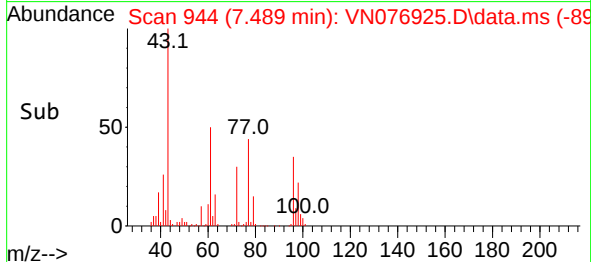
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 739899
Ion Ratio Lower Upper
43 100
72 30.2 28.8 43.2

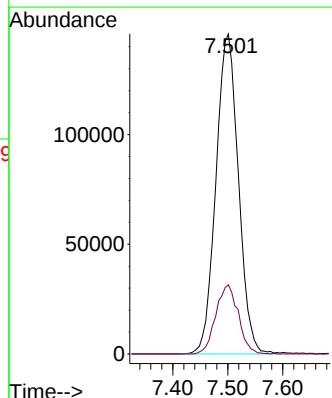
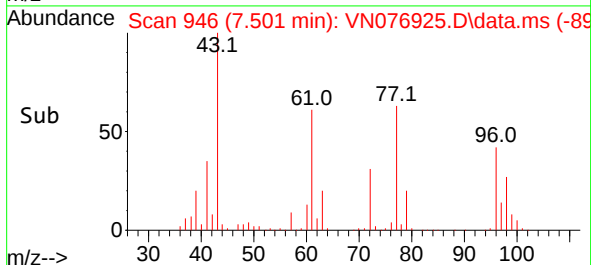
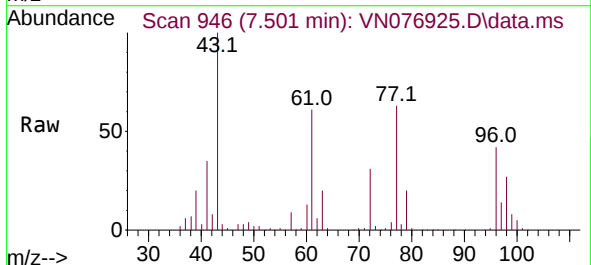
Manual Integrations
APPROVED

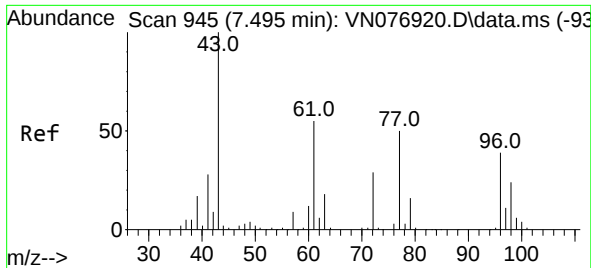
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#26
2,2-Dichloropropane
Concen: 48.270 ug/l
RT: 7.501 min Scan# 946
Delta R.T. -0.000 min
Lab File: VN076925.D
Acq: 10 Mar 2023 15:17

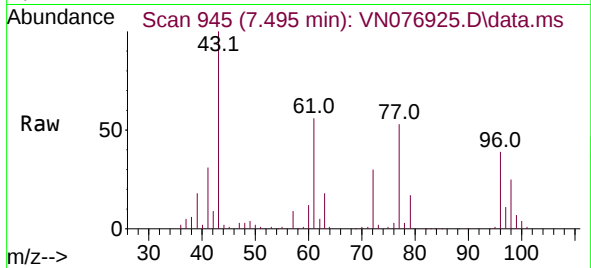
Tgt Ion: 77 Resp: 414527
Ion Ratio Lower Upper
77 100
97 21.6 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 47.065 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. -0.000 min
 Lab File: VN076925.D
 Acq: 10 Mar 2023 15:17

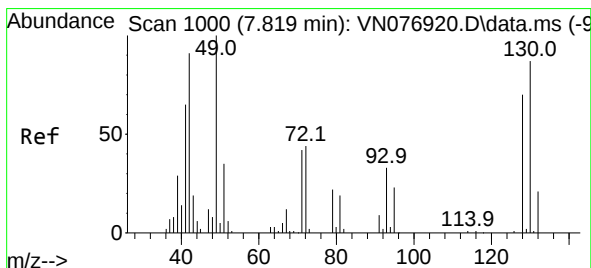
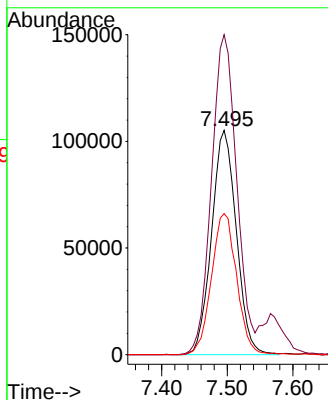
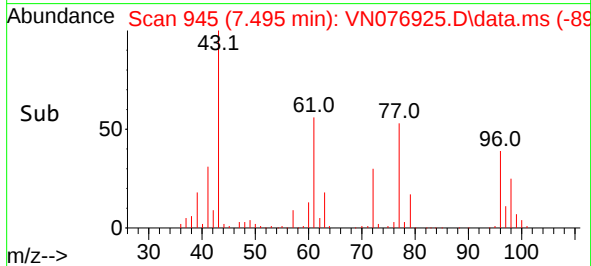
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



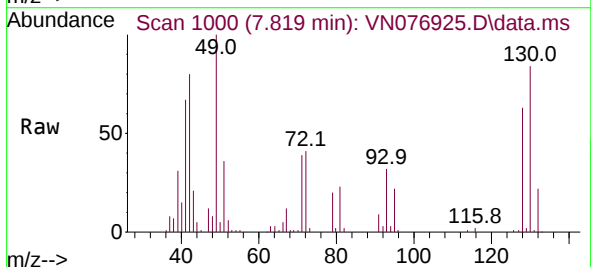
Tgt Ion: 96 Resp: 275594
 Ion Ratio Lower Upper
 96 100
 61 145.2 0.0 255.6
 98 64.3 0.0 127.4

Manual Integrations
 APPROVED

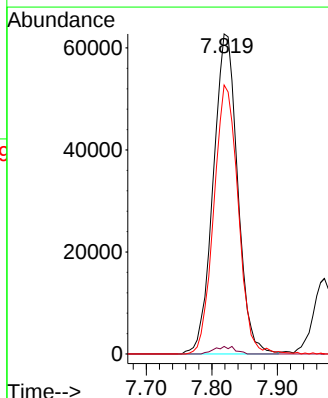
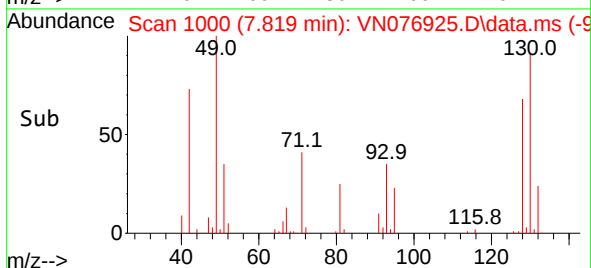
Reviewed By :John Carlone 03/13/2023
 Supervised By :Mahesh Dadoda 03/13/2023

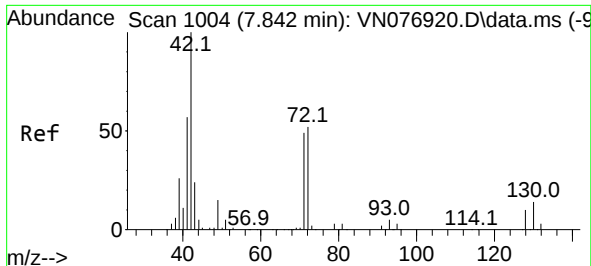


#28
 Bromochloromethane
 Concen: 46.183 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VN076925.D
 Acq: 10 Mar 2023 15:17



Tgt Ion: 49 Resp: 162116
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.6
 130 83.9 74.8 112.2





#29

Tetrahydrofuran

Concen: 228.593 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. -0.000 min

Lab File: VN076925.D

Acq: 10 Mar 2023 15:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

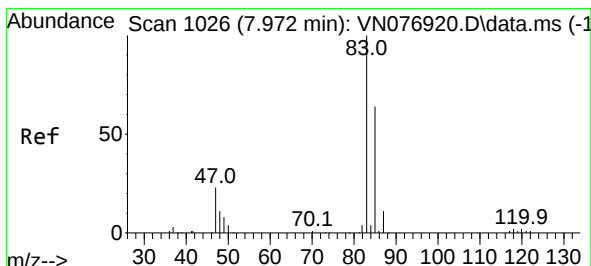
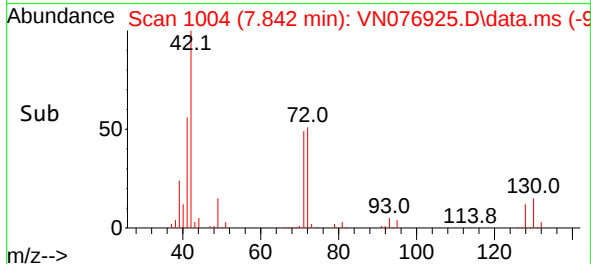
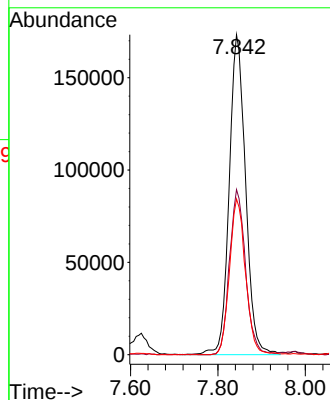
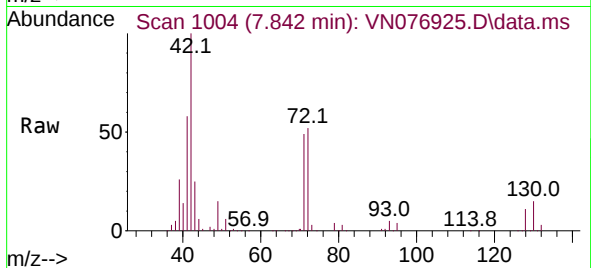
Tgt Ion: 42 Resp: 451250
 Ion Ratio Lower Upper
 42 100
 72 50.5 48.6 73.0
 71 47.6 45.1 67.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#30

Chloroform

Concen: 46.371 ug/l

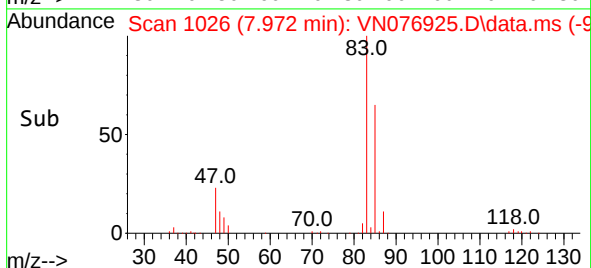
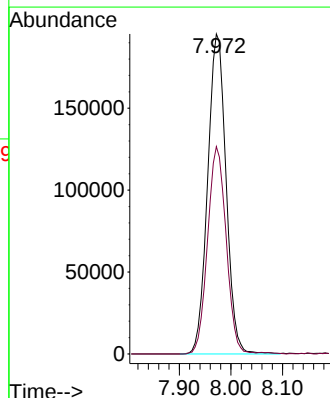
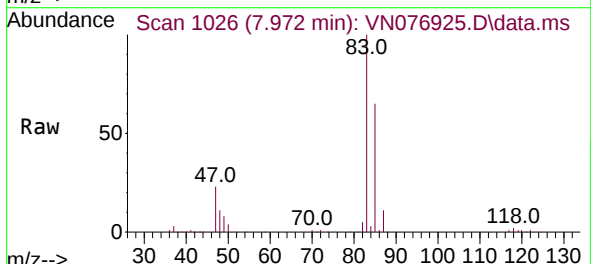
RT: 7.972 min Scan# 1026

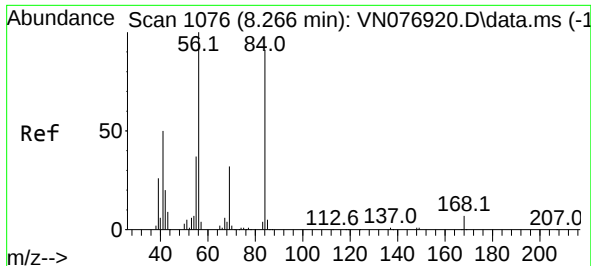
Delta R.T. -0.000 min

Lab File: VN076925.D

Acq: 10 Mar 2023 15:17

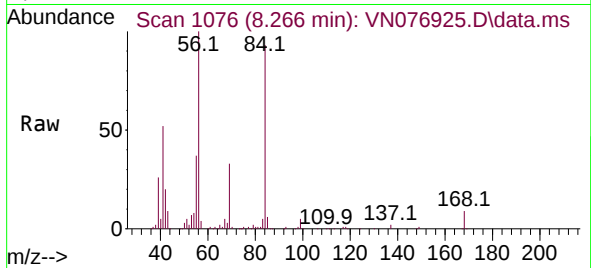
Tgt Ion: 83 Resp: 483509
 Ion Ratio Lower Upper
 83 100
 85 64.8 51.3 76.9





#31
Cyclohexane
Concen: 43.558 ug/l
RT: 8.266 min Scan# 1076
Delta R.T. -0.000 min
Lab File: VN076925.D
Acq: 10 Mar 2023 15:17

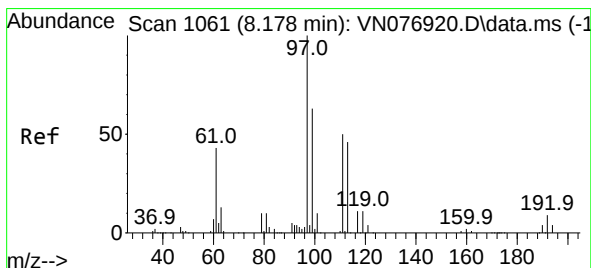
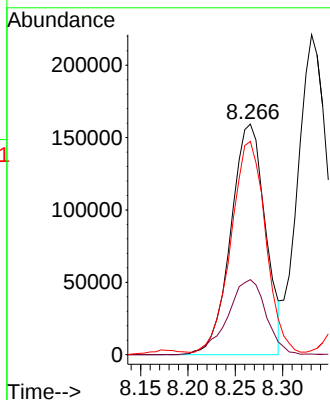
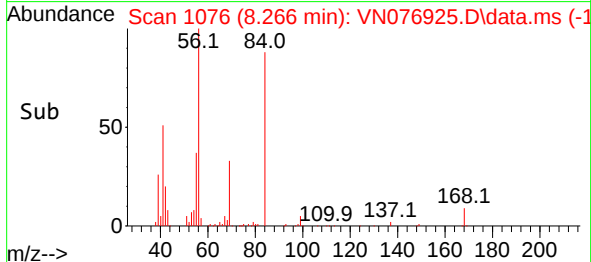
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 403859
Ion Ratio Lower Upper
56 100
69 32.4 27.0 40.6
84 91.2 82.9 124.3

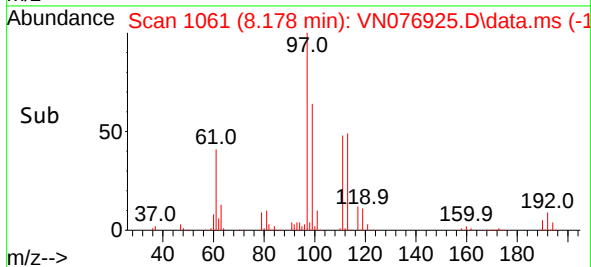
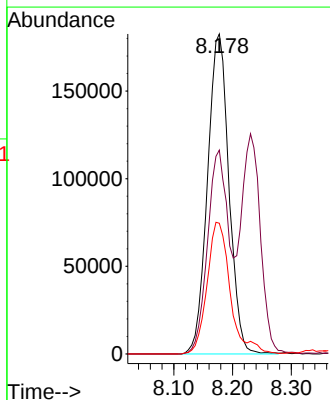
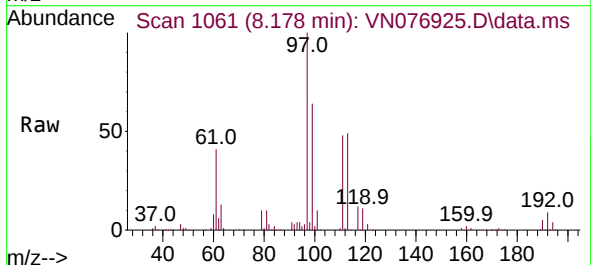
Manual Integrations
APPROVED

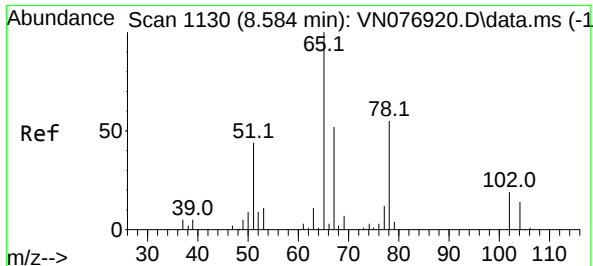
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#32
1,1,1-Trichloroethane
Concen: 47.309 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. -0.000 min
Lab File: VN076925.D
Acq: 10 Mar 2023 15:17

Tgt Ion: 97 Resp: 462475
Ion Ratio Lower Upper
97 100
99 62.0 51.2 76.8
61 44.5 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 45.772 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN076925.D

Acq: 10 Mar 2023 15:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 295790

Ion Ratio Lower Upper

65 100

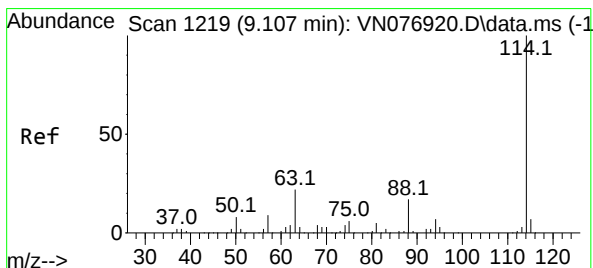
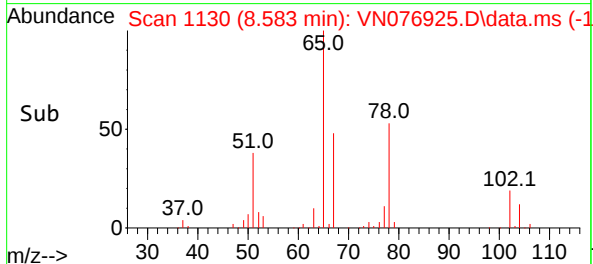
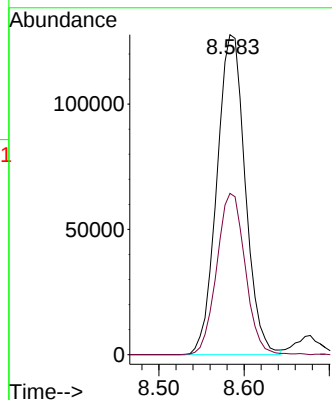
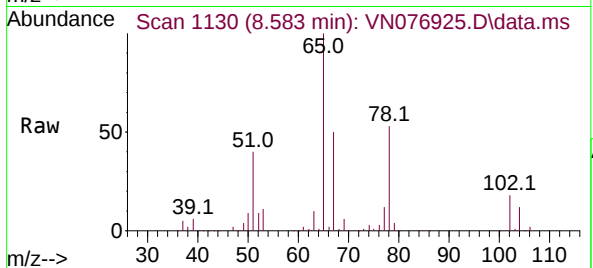
67 50.5 0.0 107.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN076925.D

Acq: 10 Mar 2023 15:17

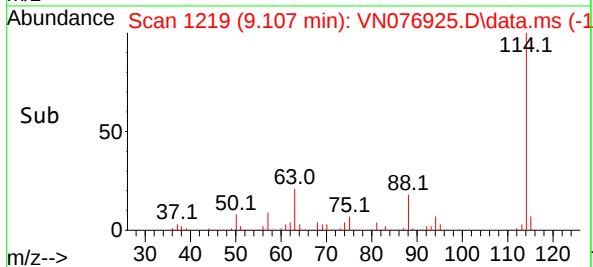
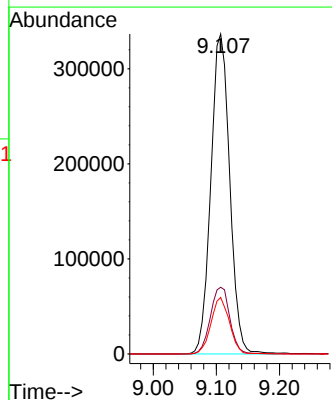
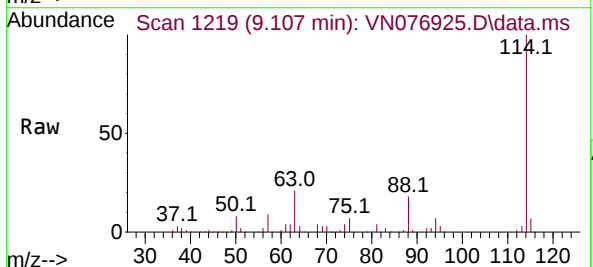
Tgt Ion:114 Resp: 699748

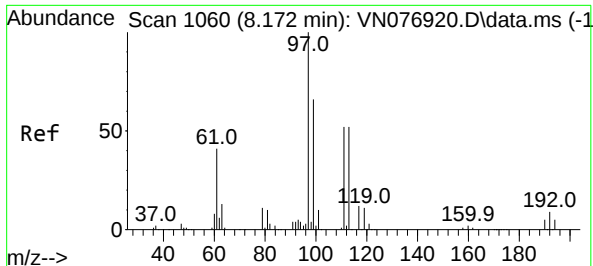
Ion Ratio Lower Upper

114 100

63 20.8 0.0 36.6

88 17.7 0.0 28.6





#35

Dibromofluoromethane

Concen: 47.043 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN076925.D

Acq: 10 Mar 2023 15:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

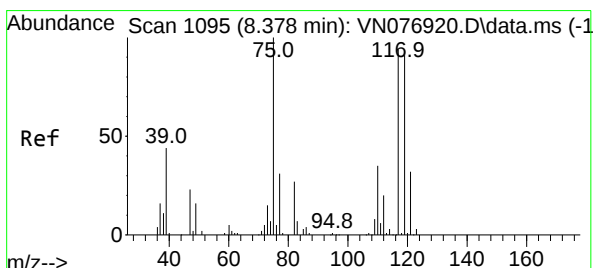
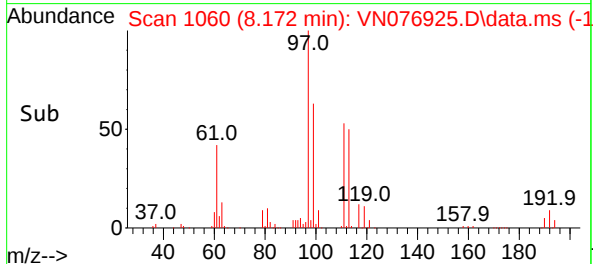
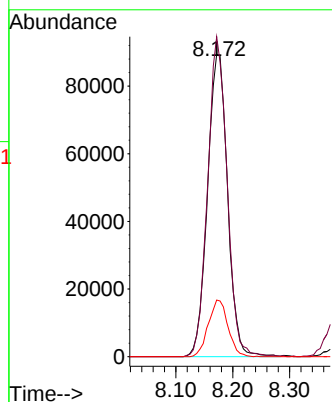
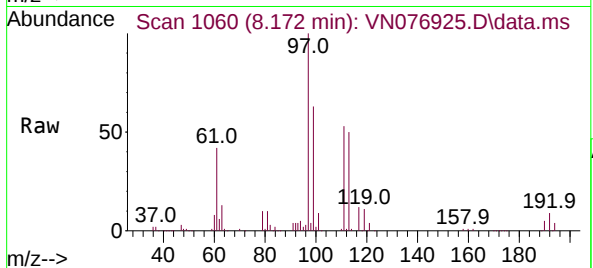
Tgt Ion:	113	Resp:	21938
Ion Ratio	Lower	Upper	
113	100		
111	102.4	81.8	122.8
192	18.3	13.9	20.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#36

1,1-Dichloropropene

Concen: 49.296 ug/l

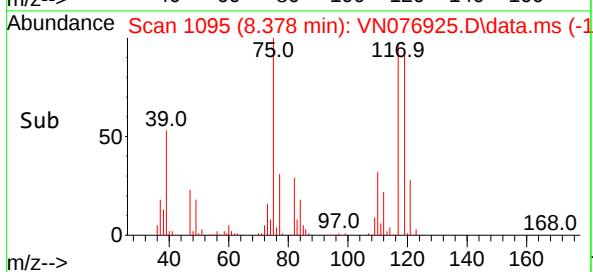
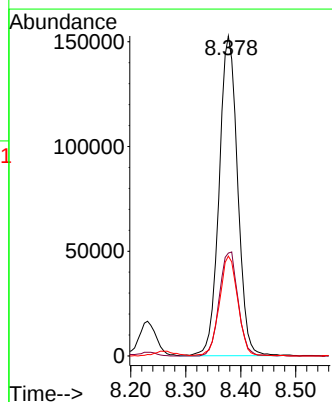
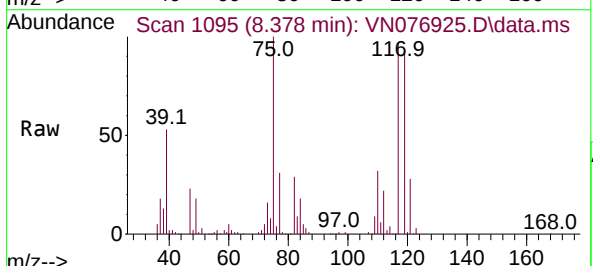
RT: 8.378 min Scan# 1095

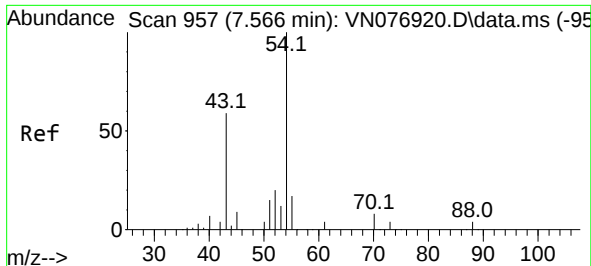
Delta R.T. -0.000 min

Lab File: VN076925.D

Acq: 10 Mar 2023 15:17

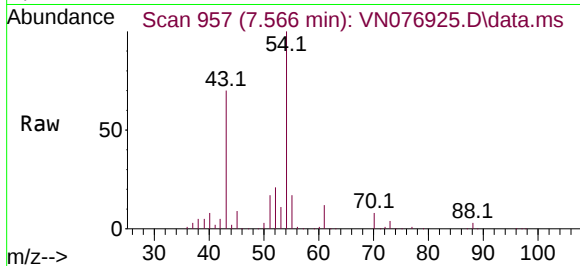
Tgt Ion:	75	Resp:	355563
Ion Ratio	Lower	Upper	
75	100		
110	33.1	18.9	56.9
77	31.0	24.9	37.3





#37
Ethyl Acetate
Concen: 49.842 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076925.D
Acq: 10 Mar 2023 15:17

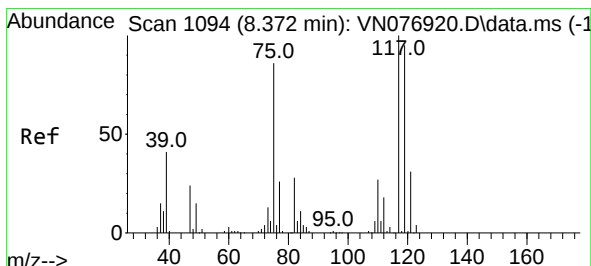
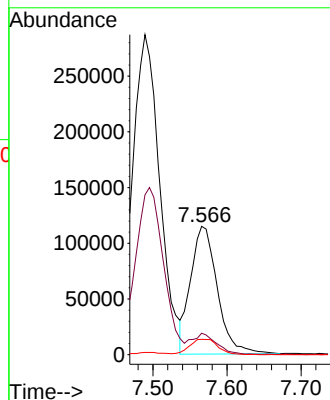
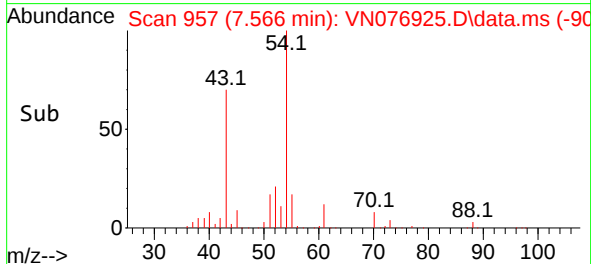
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 287490
Ion Ratio Lower Upper
43 100
61 13.9 13.5 20.3
70 12.9 11.0 16.6

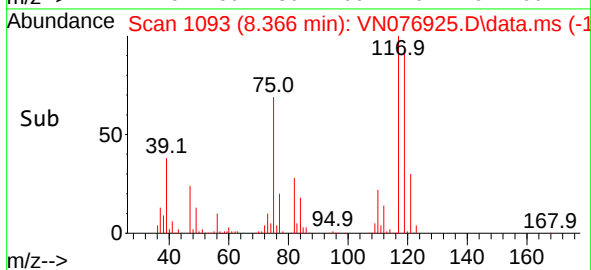
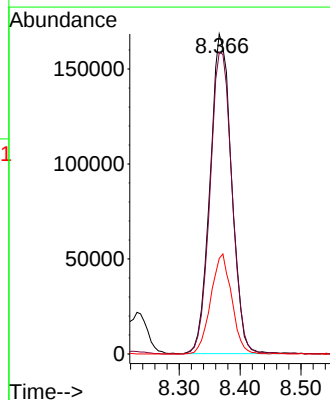
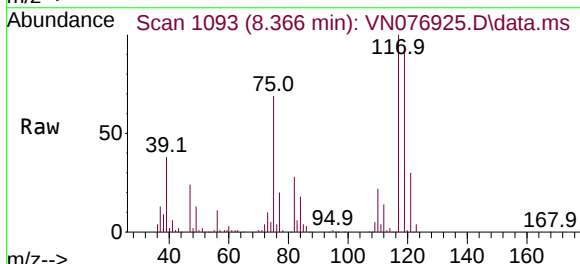
Manual Integrations
APPROVED

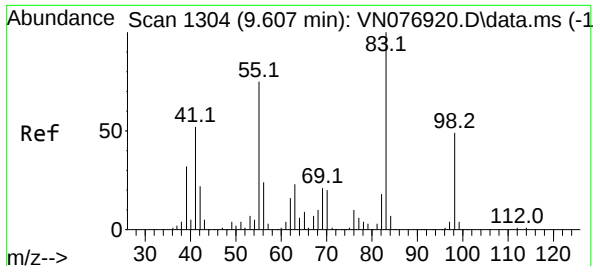
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#38
Carbon Tetrachloride
Concen: 48.972 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.006 min
Lab File: VN076925.D
Acq: 10 Mar 2023 15:17

Tgt Ion:117 Resp: 413400
Ion Ratio Lower Upper
117 100
119 94.3 76.9 115.3
121 29.9 23.2 34.8





#39

Methylcyclohexane

Concen: 51.156 ug/l

RT: 9.607 min Scan# 11304

Delta R.T. -0.000 min

Lab File: VN076925.D

Acq: 10 Mar 2023 15:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 44789

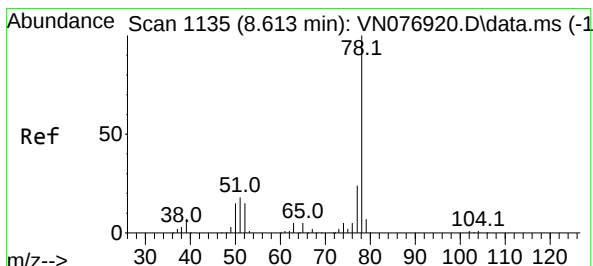
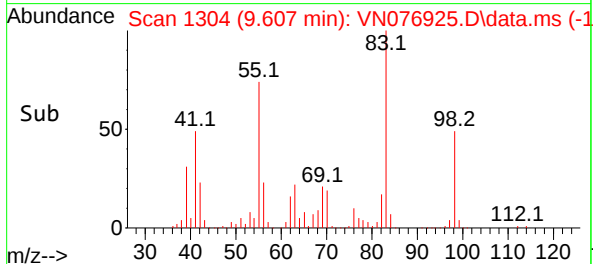
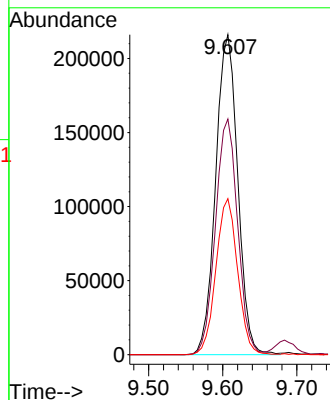
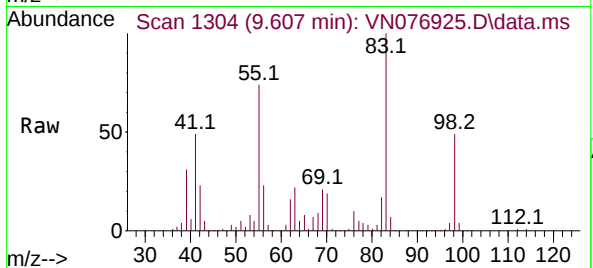
Ion	Ratio	Lower	Upper
83	100		
55	73.7	47.0	70.4
98	48.8	39.4	59.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#40

Benzene

Concen: 47.420 ug/l

RT: 8.613 min Scan# 1135

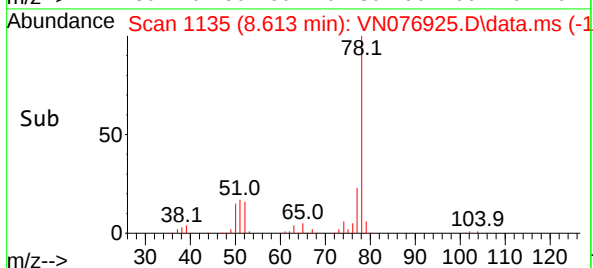
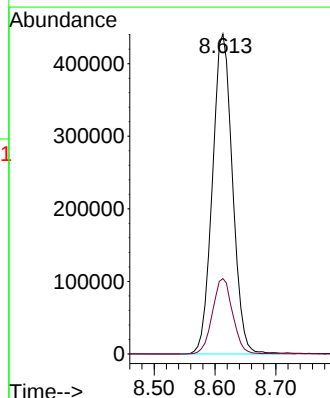
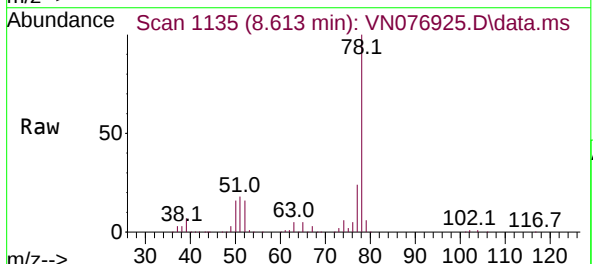
Delta R.T. -0.000 min

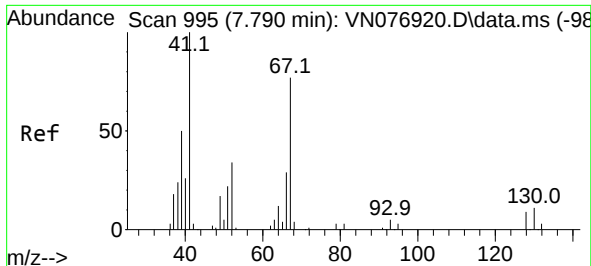
Lab File: VN076925.D

Acq: 10 Mar 2023 15:17

Tgt Ion: 78 Resp: 1008168

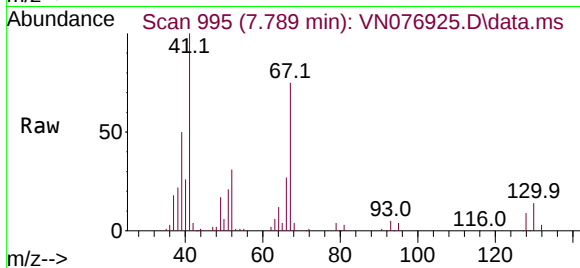
Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.3	28.9





#41
Methacrylonitrile
Concen: 48.970 ug/l
RT: 7.789 min Scan# 995
Delta R.T. -0.000 min
Lab File: VN076925.D
Acq: 10 Mar 2023 15:17

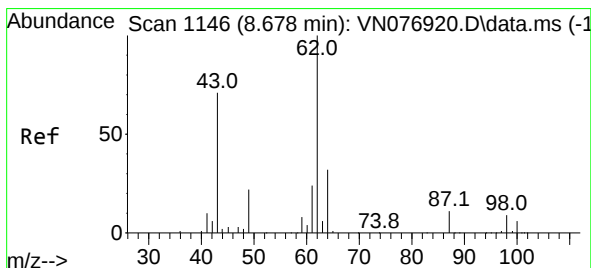
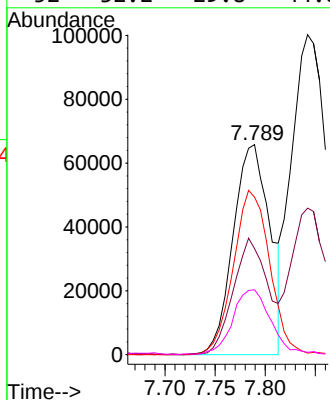
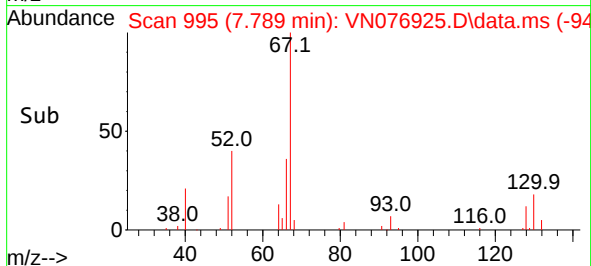
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



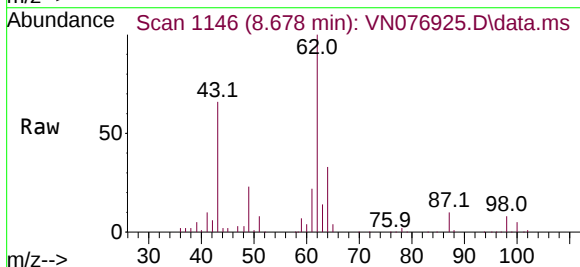
Tgt Ion: 41 Resp: 168080
Ion Ratio Lower Upper
41 100
39 52.3 43.4 65.0
67 77.5 78.6 118.0
52 32.2 29.8 44.8

Manual Integrations
APPROVED

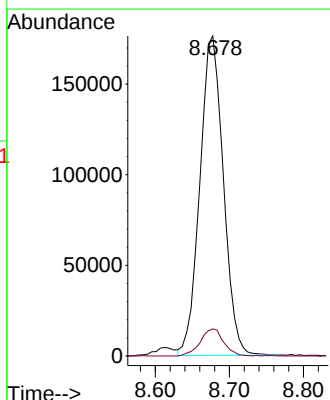
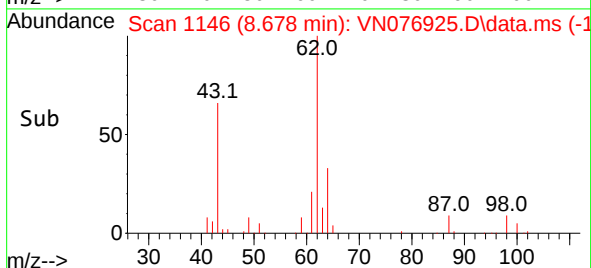
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

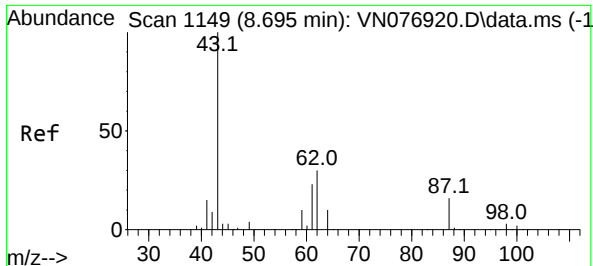


#42
1,2-Dichloroethane
Concen: 46.897 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN076925.D
Acq: 10 Mar 2023 15:17



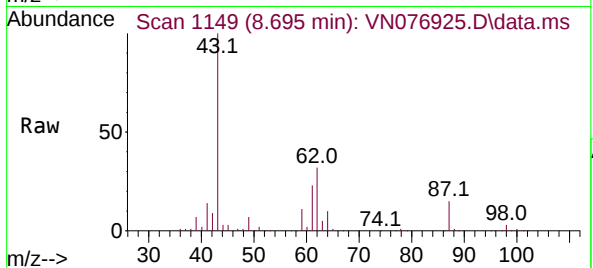
Tgt Ion: 62 Resp: 388909
Ion Ratio Lower Upper
62 100
98 8.4 0.0 21.8





#43
Isopropyl Acetate
Concen: 48.594 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VN076925.D
Acq: 10 Mar 2023 15:17

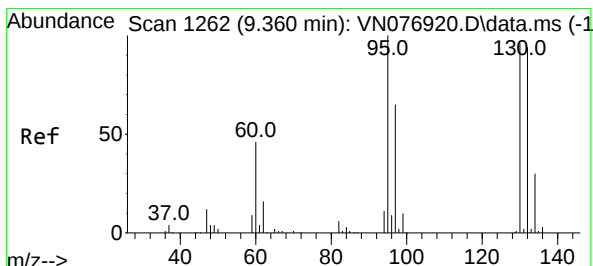
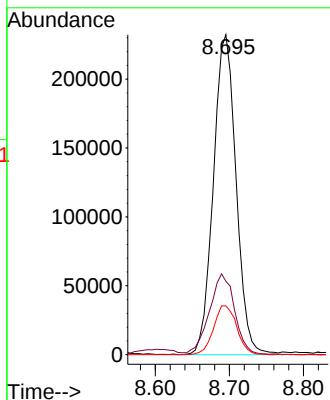
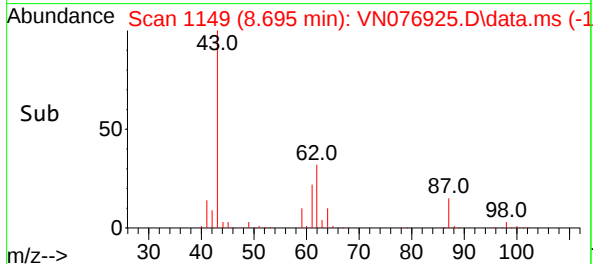
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



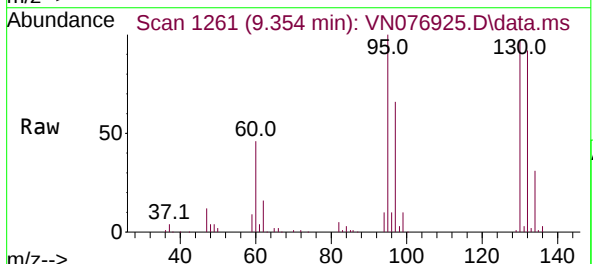
Tgt Ion: 43 Resp: 49480
Ion Ratio Lower Upper
43 100
61 28.3 26.2 39.2
87 15.6 14.8 22.2

Manual Integrations
APPROVED

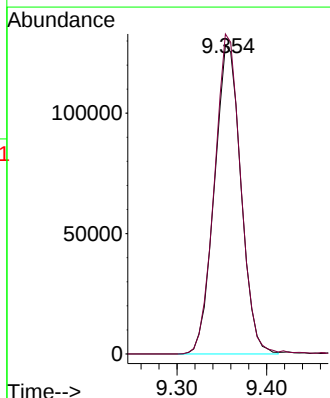
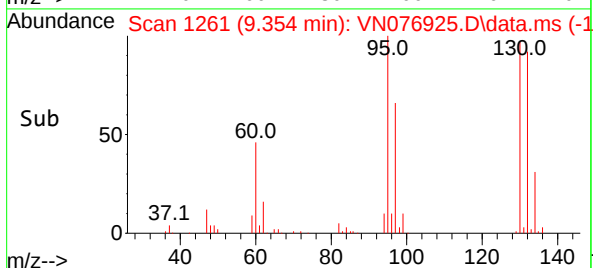
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

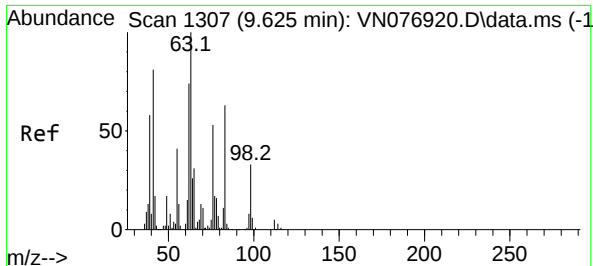


#44
Trichloroethene
Concen: 47.915 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. -0.006 min
Lab File: VN076925.D
Acq: 10 Mar 2023 15:17



Tgt Ion:130 Resp: 263269
Ion Ratio Lower Upper
130 100
95 103.6 0.0 208.6





#45

1,2-Dichloropropane

Concen: 47.187 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN076925.D

Acq: 10 Mar 2023 15:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 246834

Ion Ratio Lower Upper

63 100

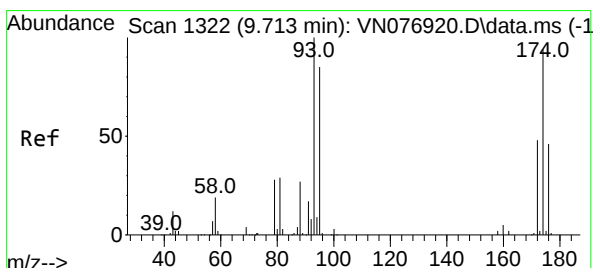
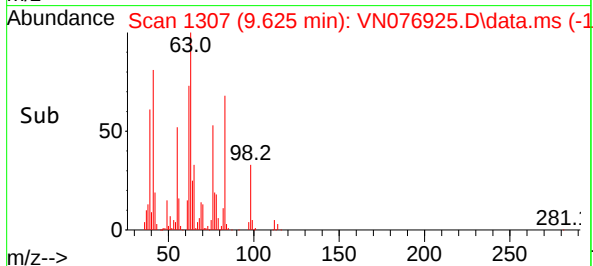
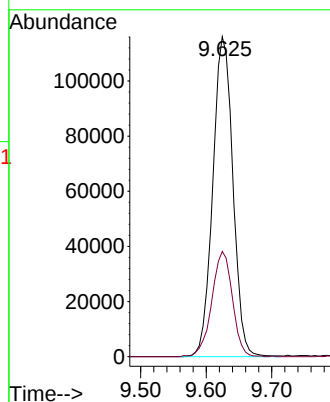
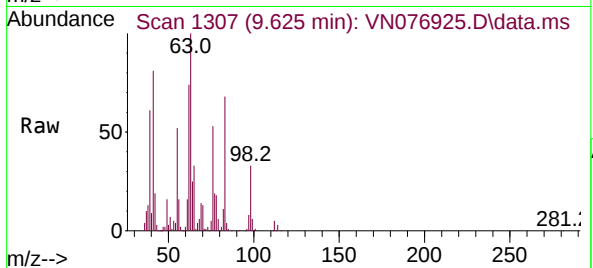
65 32.9 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#46

Dibromomethane

Concen: 47.796 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN076925.D

Acq: 10 Mar 2023 15:17

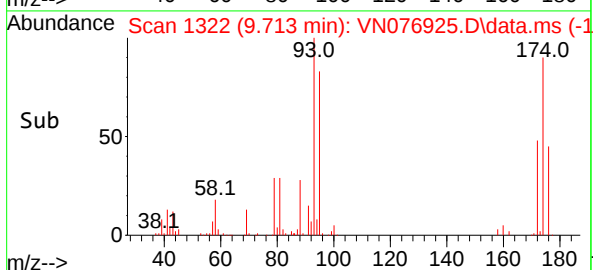
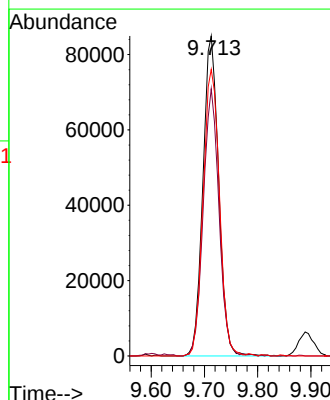
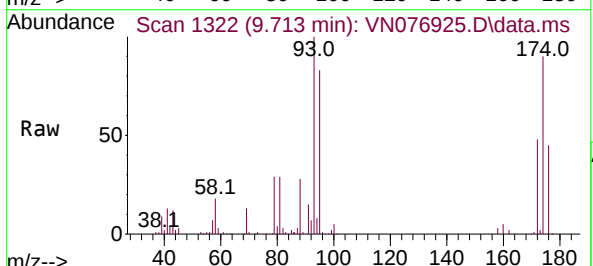
Tgt Ion: 93 Resp: 174614

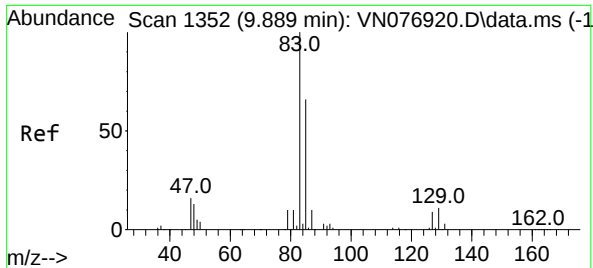
Ion Ratio Lower Upper

93 100

95 83.4 65.7 98.5

174 92.6 69.3 103.9





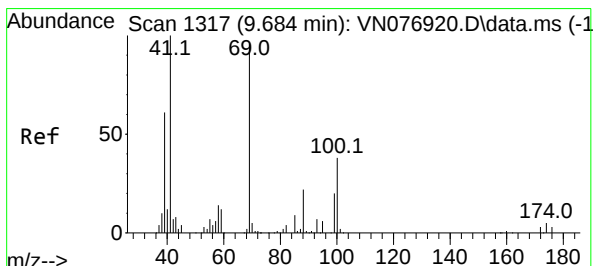
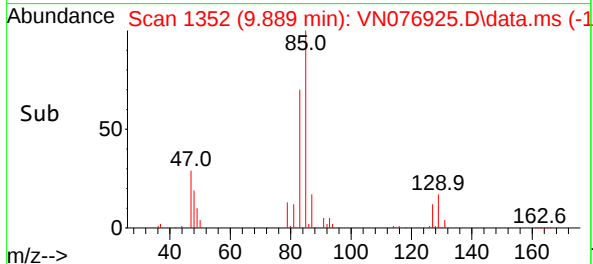
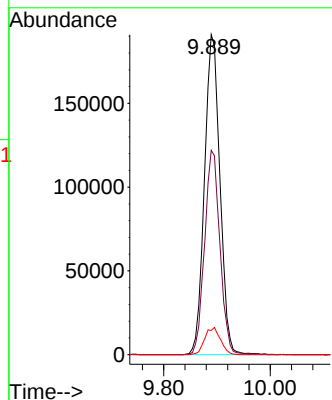
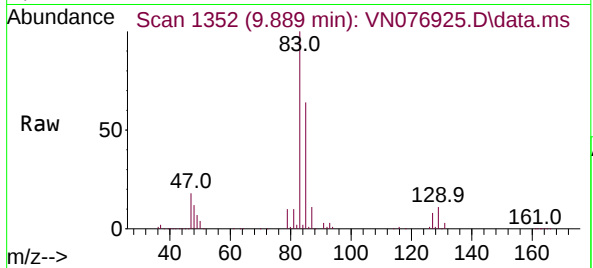
#47
Bromodichloromethane
Concen: 49.663 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. -0.000 min
Lab File: VN076925.D
Acq: 10 Mar 2023 15:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 38490
Ion Ratio Lower Upper
83 100
85 63.8 52.6 78.8
127 7.6 7.0 10.6

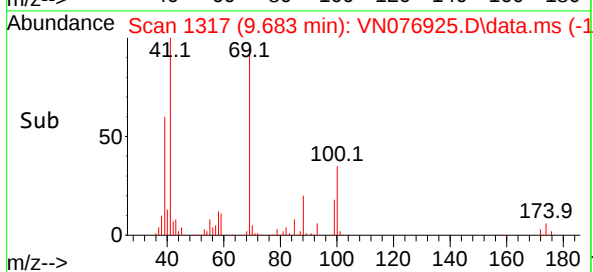
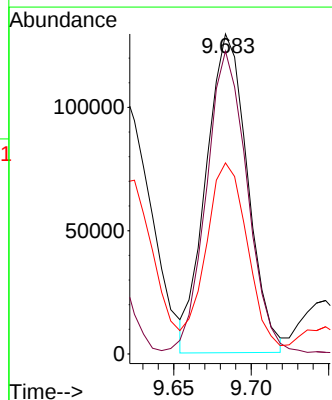
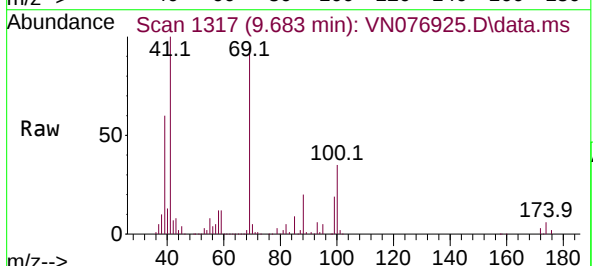
Manual Integrations
APPROVED

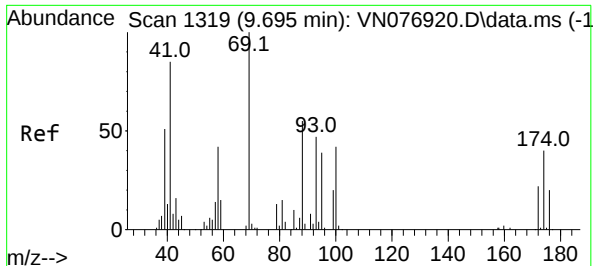
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#48
Methyl methacrylate
Concen: 48.236 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN076925.D
Acq: 10 Mar 2023 15:17

Tgt Ion: 41 Resp: 240649
Ion Ratio Lower Upper
41 100
69 95.1 92.6 139.0
39 60.7 51.4 77.0





#49

1,4-Dioxane

Concen: 966.361 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN076925.D

Acq: 10 Mar 2023 15:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

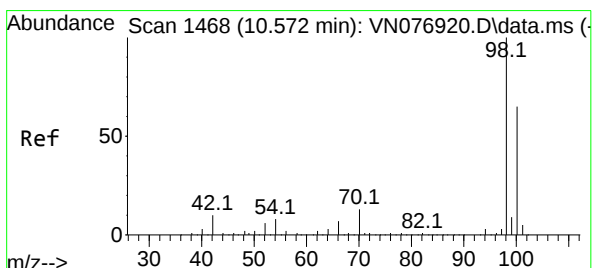
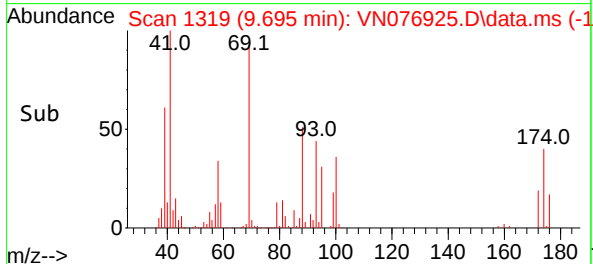
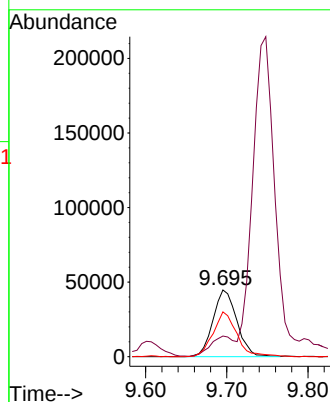
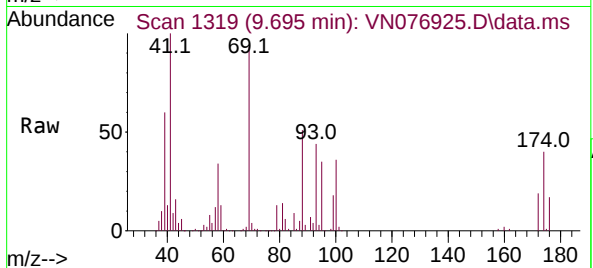
Tgt Ion: 88 Resp: 91290
 Ion Ratio Lower Upper
 88 100
 43 31.0 15.3 22.9
 58 67.2 47.6 71.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#50

Toluene-d8

Concen: 47.470 ug/l

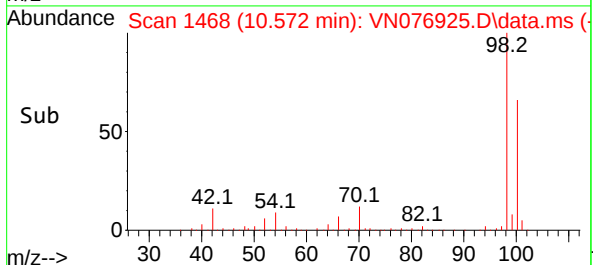
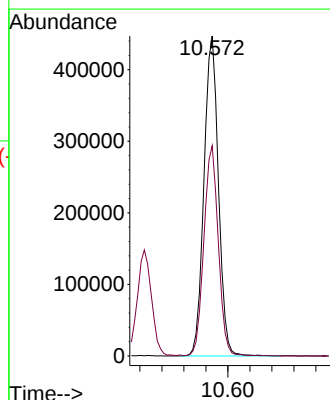
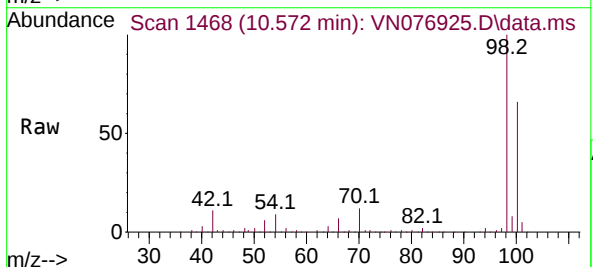
RT: 10.572 min Scan# 1468

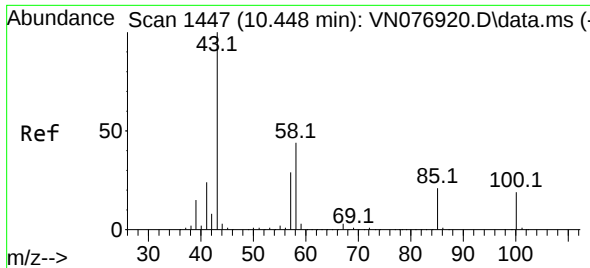
Delta R.T. -0.000 min

Lab File: VN076925.D

Acq: 10 Mar 2023 15:17

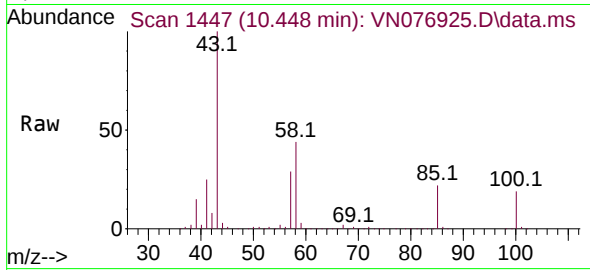
Tgt Ion: 98 Resp: 815890
 Ion Ratio Lower Upper
 98 100
 100 65.2 52.8 79.2





#51
4-Methyl-2-Pentanone
Concen: 235.239 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN076925.D
Acq: 10 Mar 2023 15:17

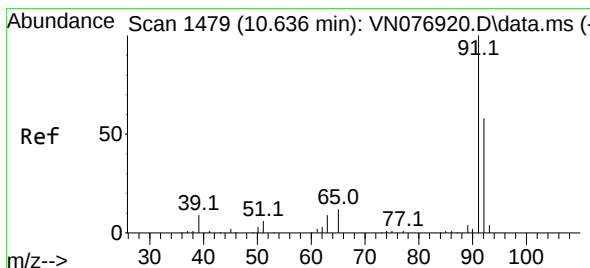
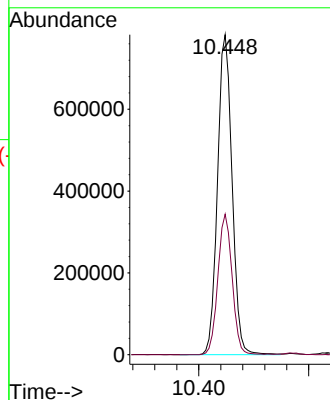
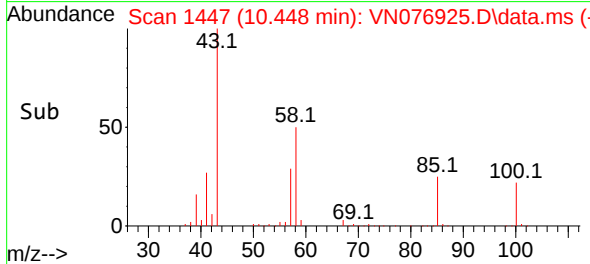
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 143888
Ion Ratio Lower Upper
43 100
58 43.1 37.4 56.0

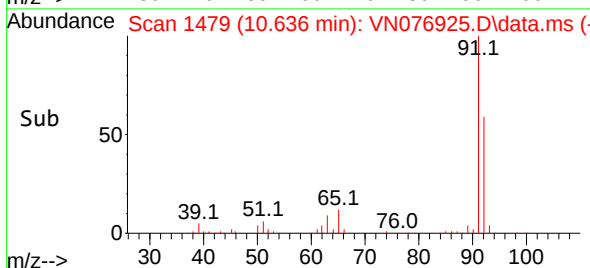
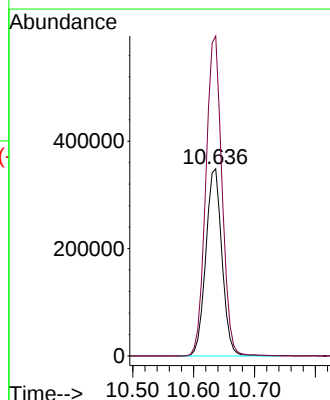
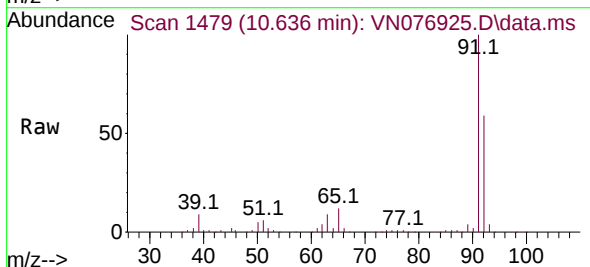
Manual Integrations
APPROVED

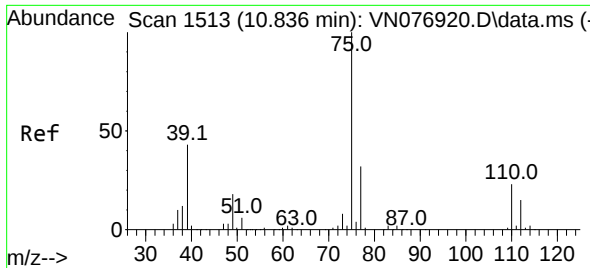
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#52
Toluene
Concen: 49.089 ug/l
RT: 10.636 min Scan# 1479
Delta R.T. -0.000 min
Lab File: VN076925.D
Acq: 10 Mar 2023 15:17

Tgt Ion: 92 Resp: 642323
Ion Ratio Lower Upper
92 100
91 171.2 138.2 207.2





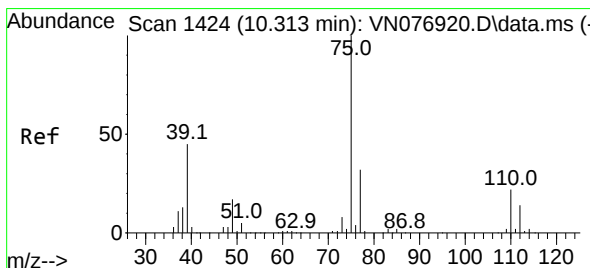
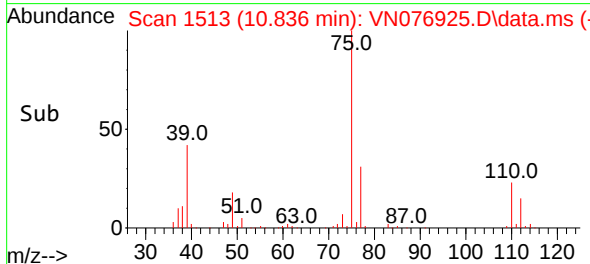
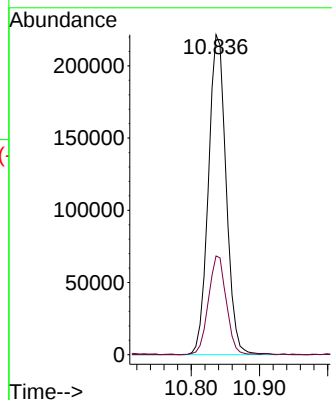
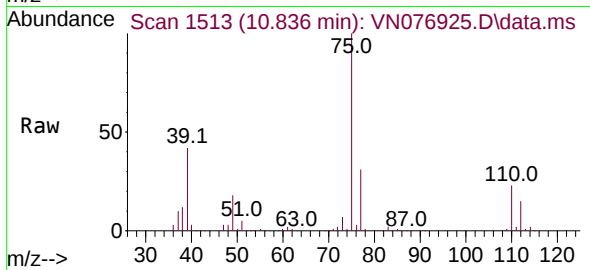
#53
t-1,3-Dichloropropene
Concen: 51.808 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN076925.D
Acq: 10 Mar 2023 15:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 400310
Ion Ratio Lower Upper
75 100
77 30.9 25.0 37.6

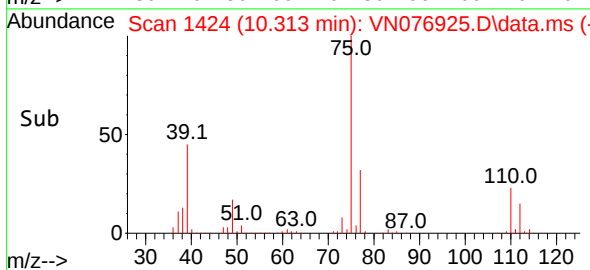
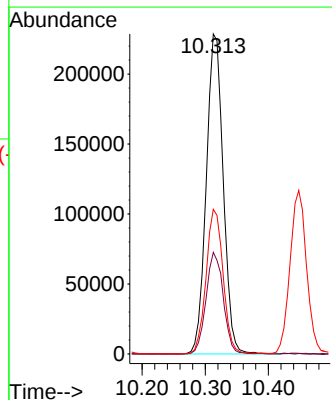
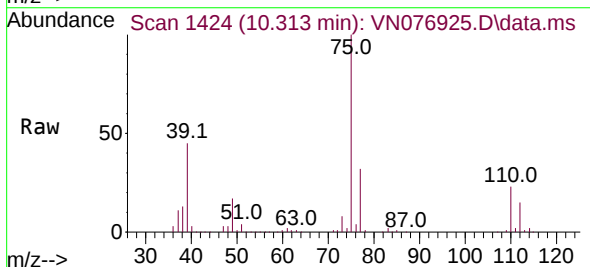
Manual Integrations
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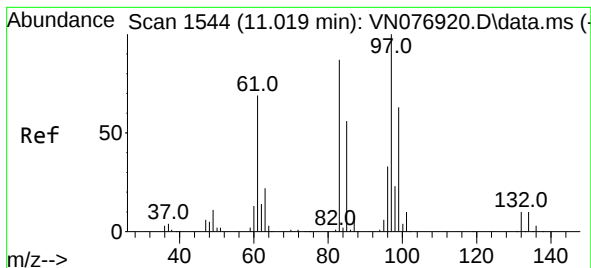
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#54
cis-1,3-Dichloropropene
Concen: 50.360 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN076925.D
Acq: 10 Mar 2023 15:17

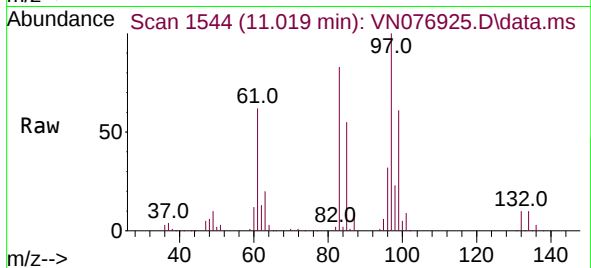
Tgt Ion: 75 Resp: 427332
Ion Ratio Lower Upper
75 100
77 31.8 25.7 38.5
39 45.2 29.7 44.5#





#55
1,1,2-Trichloroethane
Concen: 46.843 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN076925.D
Acq: 10 Mar 2023 15:17

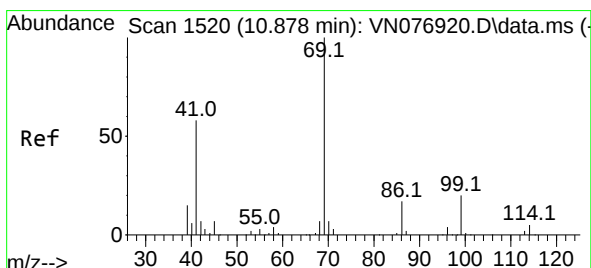
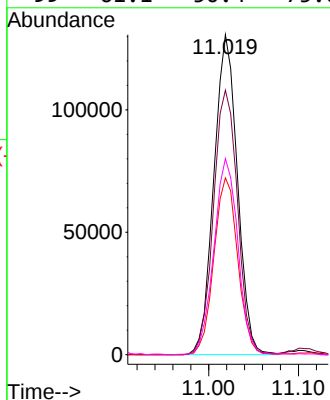
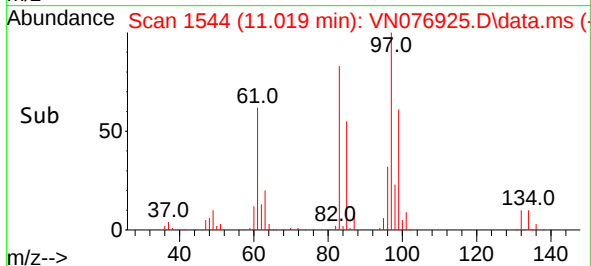
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



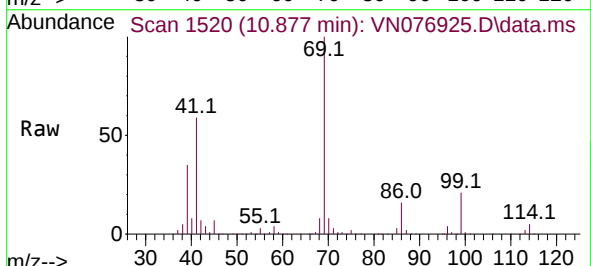
Tgt Ion: 97 Resp: 23848
Ion Ratio Lower Upper
97 100
83 82.6 67.1 100.7
85 55.2 41.8 62.8
99 61.1 50.4 75.6

Manual Integrations
APPROVED

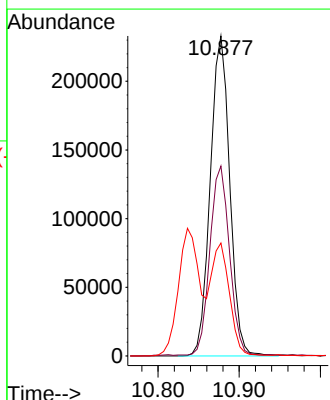
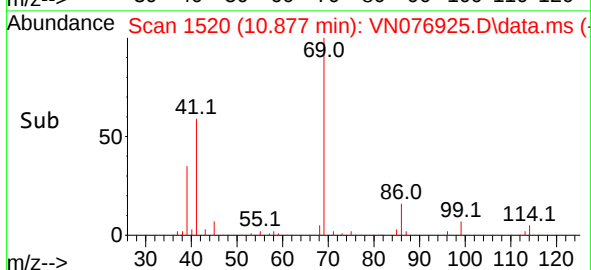
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

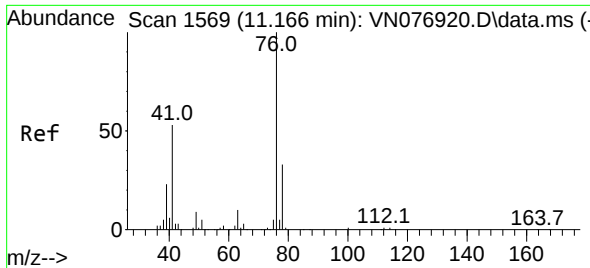


#56
Ethyl methacrylate
Concen: 50.295 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VN076925.D
Acq: 10 Mar 2023 15:17



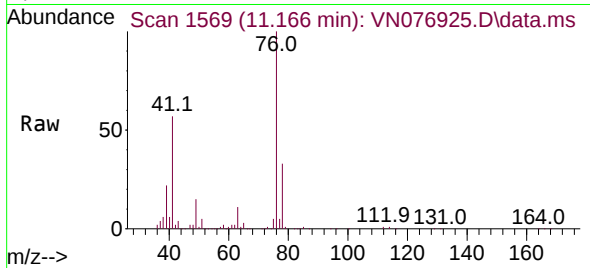
Tgt Ion: 69 Resp: 388375
Ion Ratio Lower Upper
69 100
41 59.1 38.0 57.0#
39 32.0 22.4 33.6





#57
1,3-Dichloropropane
Concen: 46.530 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN076925.D
Acq: 10 Mar 2023 15:17

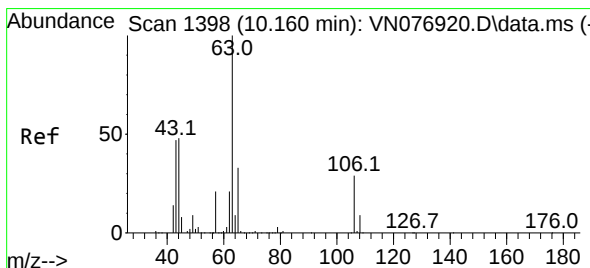
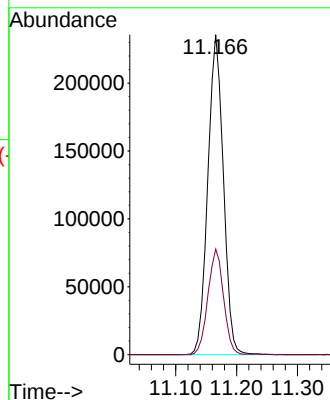
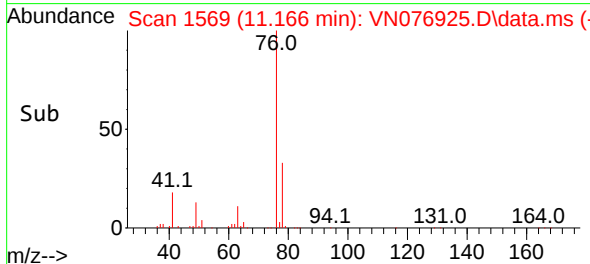
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 417718
Ion Ratio Lower Upper
76 100
78 33.3 26.1 39.1

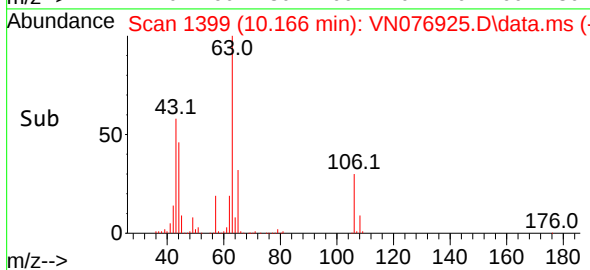
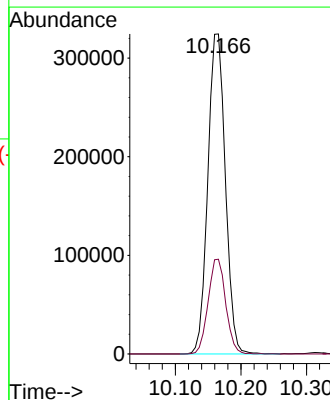
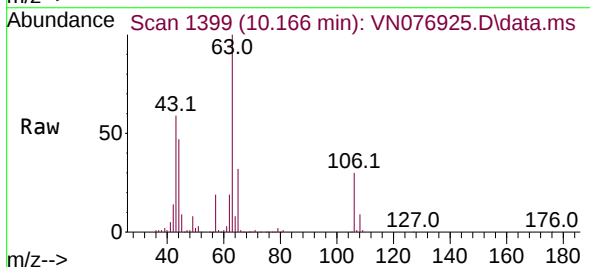
Manual Integrations
APPROVED

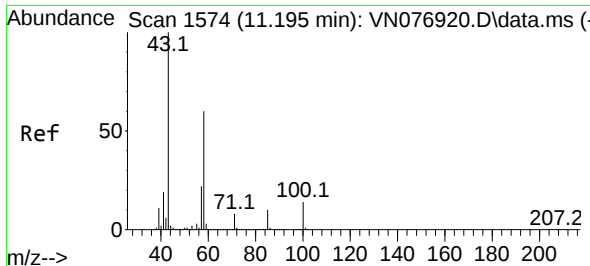
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#58
2-Chloroethyl Vinyl ether
Concen: 245.548 ug/l
RT: 10.166 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VN076925.D
Acq: 10 Mar 2023 15:17

Tgt Ion: 63 Resp: 603797
Ion Ratio Lower Upper
63 100
106 29.7 25.6 38.4





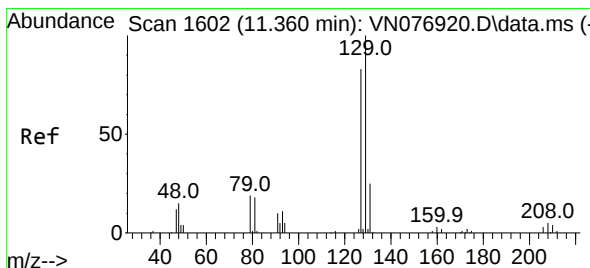
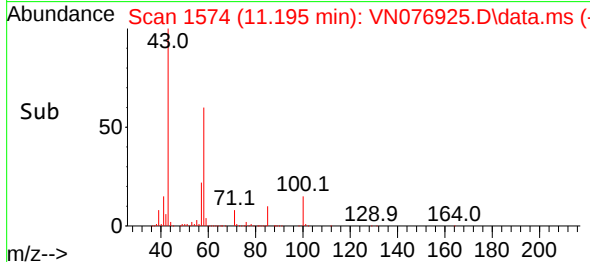
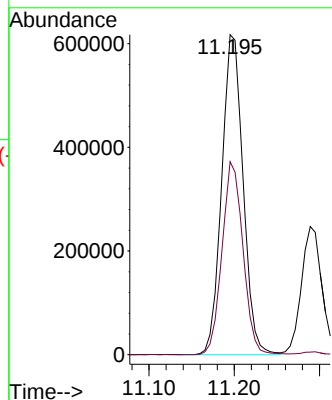
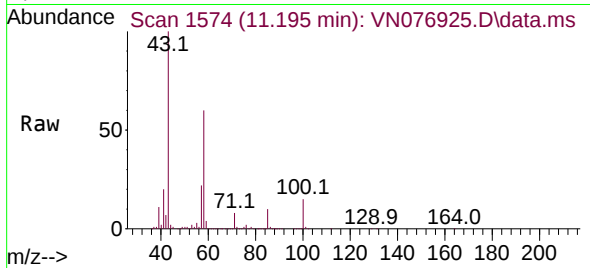
#59
2-Hexanone
Concen: 241.044 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. -0.000 min
Lab File: VN076925.D
Acq: 10 Mar 2023 15:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1075029
Ion Ratio Lower Upper
43 100
58 59.2 32.6 98.0

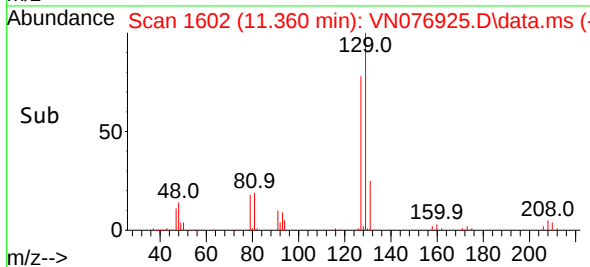
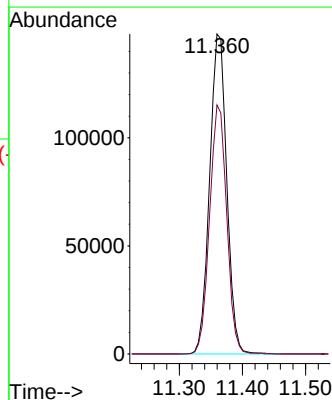
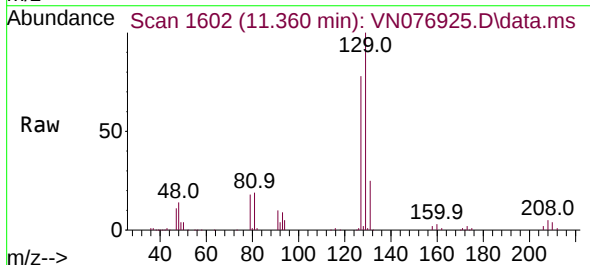
Manual Integrations
APPROVED

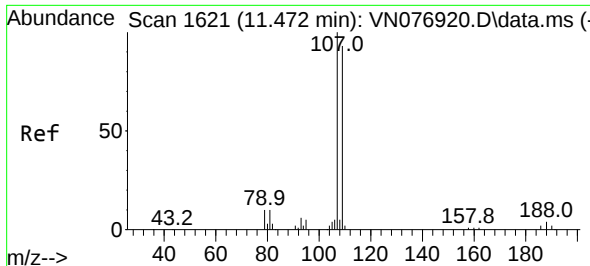
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#60
Dibromochloromethane
Concen: 49.654 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN076925.D
Acq: 10 Mar 2023 15:17

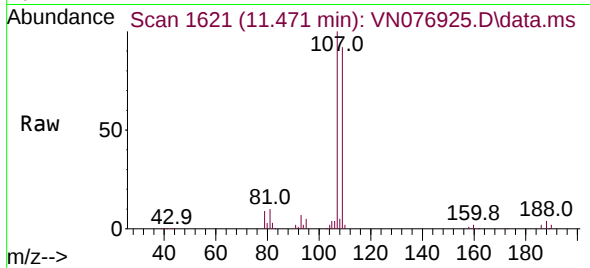
Tgt Ion:129 Resp: 278510
Ion Ratio Lower Upper
129 100
127 77.9 39.6 118.8





#61
1,2-Dibromoethane
Concen: 48.382 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN076925.D
Acq: 10 Mar 2023 15:17

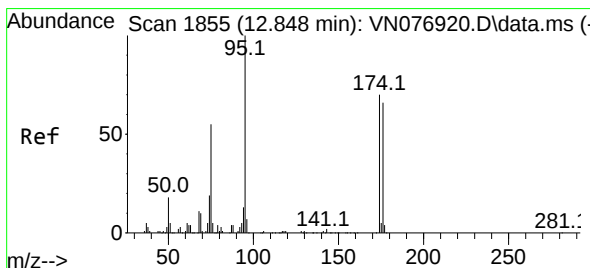
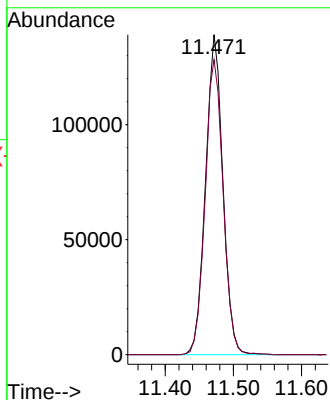
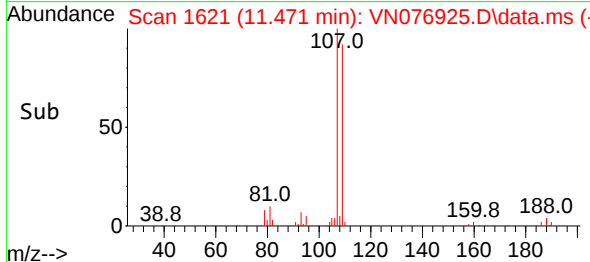
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 246880
Ion Ratio Lower Upper
107 100
109 95.1 75.9 113.9

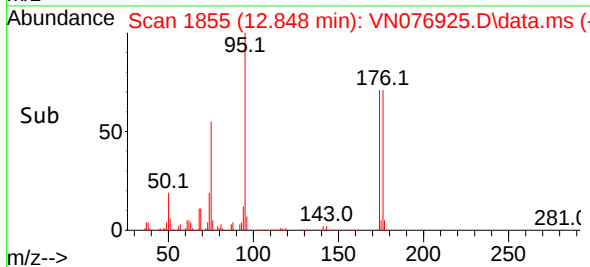
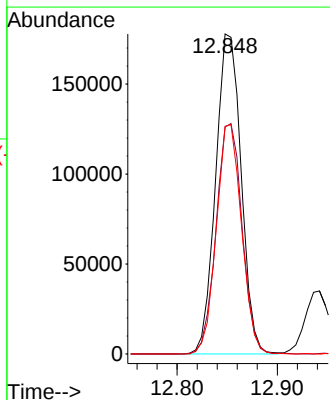
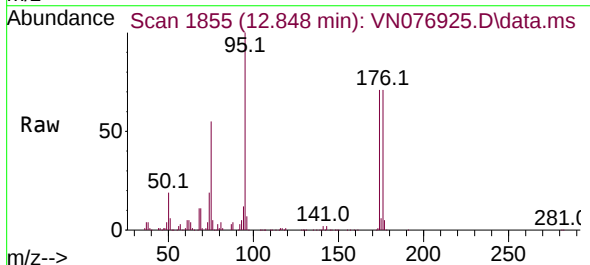
Manual Integrations
APPROVED

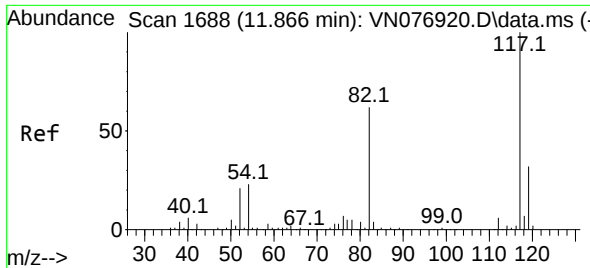
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#62
4-Bromofluorobenzene
Concen: 49.888 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN076925.D
Acq: 10 Mar 2023 15:17

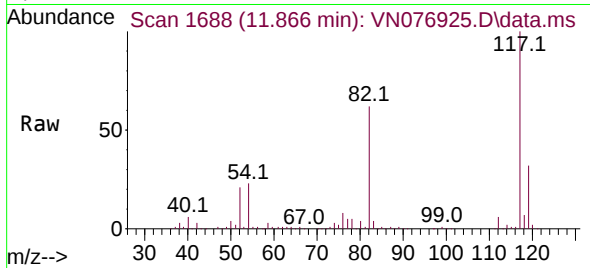
Tgt Ion: 95 Resp: 313629
Ion Ratio Lower Upper
95 100
174 73.1 0.0 162.4
176 70.7 0.0 157.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN076925.D
Acq: 10 Mar 2023 15:17

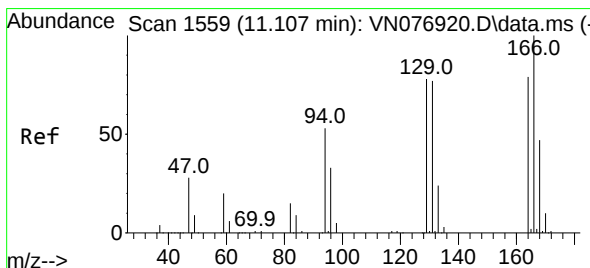
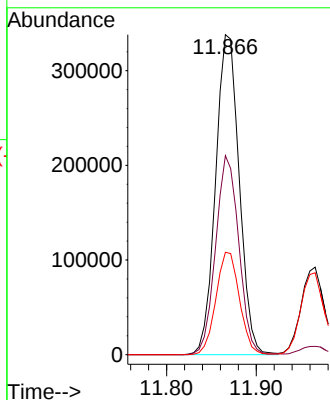
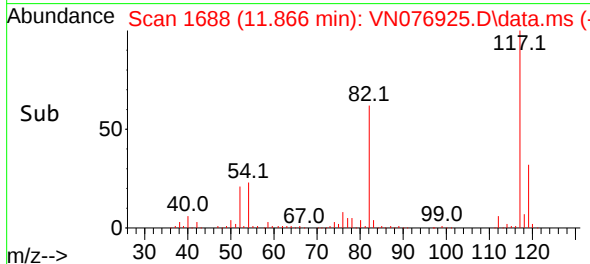
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 617749
Ion Ratio Lower Upper
117 100
82 62.2 43.5 65.3
119 32.0 25.5 38.3

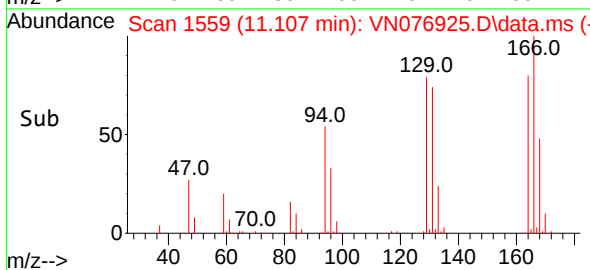
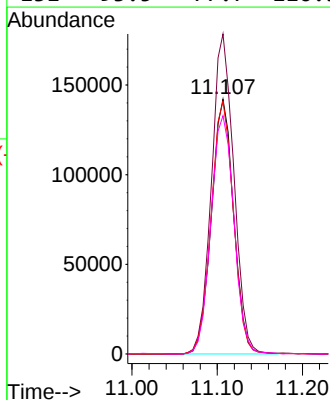
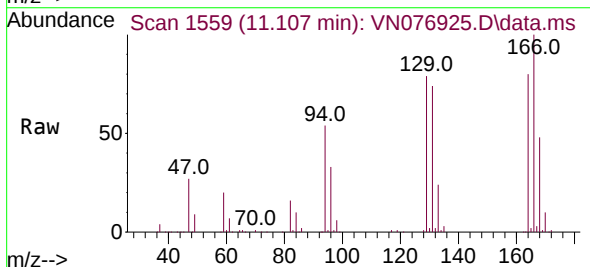
Manual Integrations
APPROVED

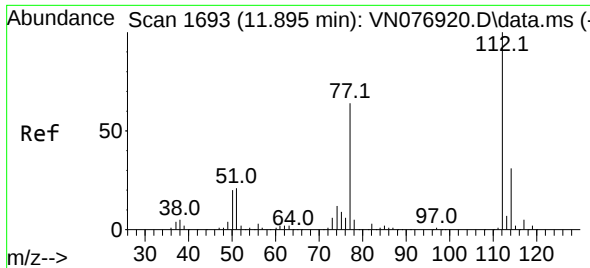
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#64
Tetrachloroethene
Concen: 51.368 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN076925.D
Acq: 10 Mar 2023 15:17

Tgt Ion:164 Resp: 256824
Ion Ratio Lower Upper
164 100
166 125.6 102.7 154.1
129 99.2 81.5 122.3
131 93.5 77.7 116.5





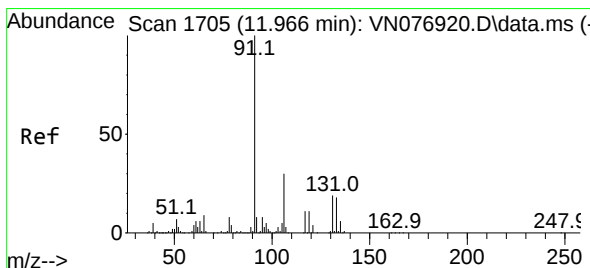
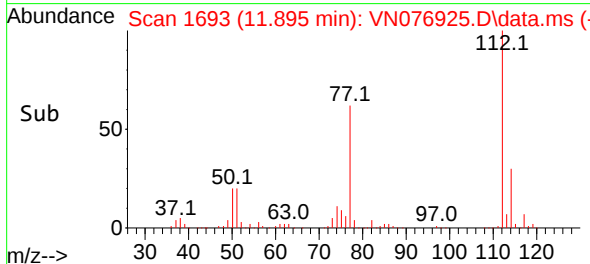
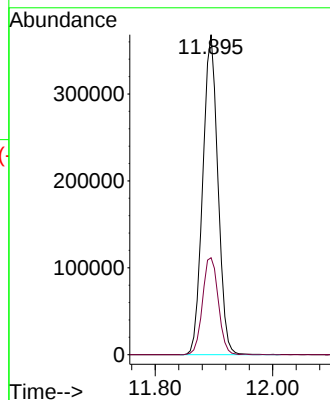
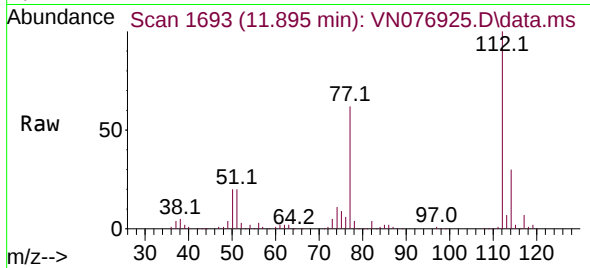
#65
Chlorobenzene
Concen: 47.504 ug/l
RT: 11.895 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VN076925.D
Acq: 10 Mar 2023 15:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 656402
Ion Ratio Lower Upper
112 100
114 30.3 25.8 38.8

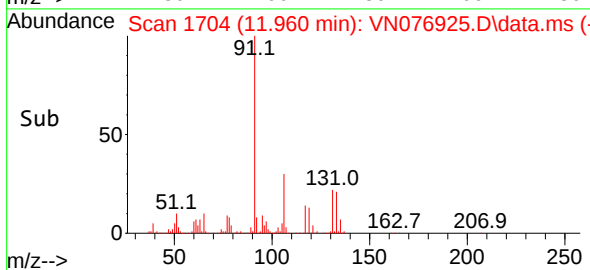
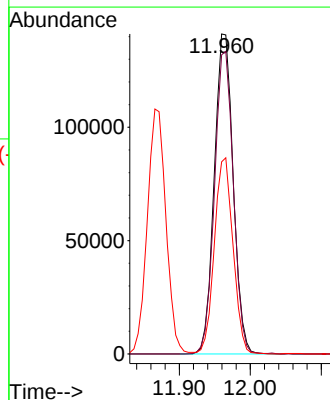
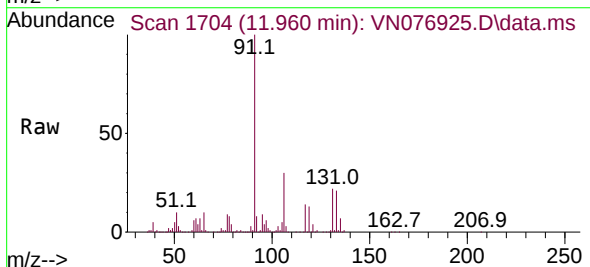
Manual Integrations
APPROVED

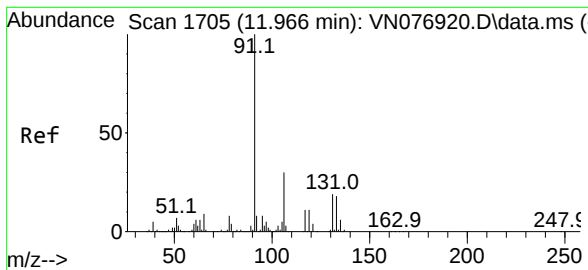
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 48.302 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VN076925.D
Acq: 10 Mar 2023 15:17

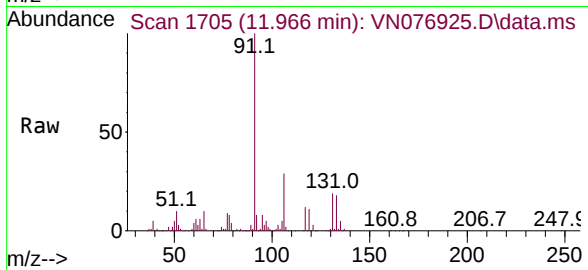
Tgt Ion:131 Resp: 260554
Ion Ratio Lower Upper
131 100
133 94.2 47.9 143.8
119 60.4 33.1 99.2





#67
Ethyl Benzene
Concen: 50.135 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076925.D
Acq: 10 Mar 2023 15:17

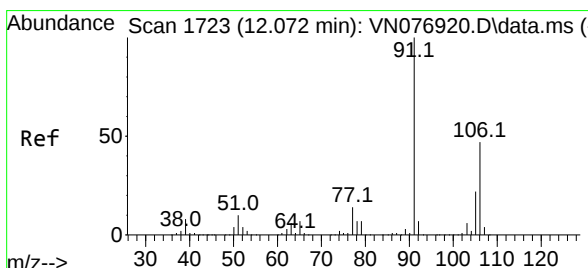
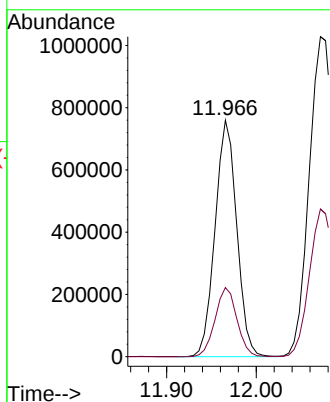
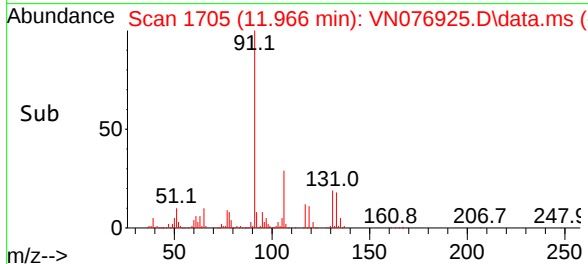
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



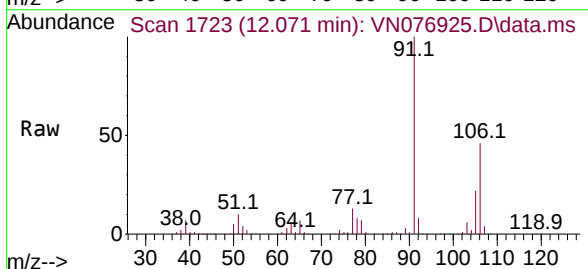
Tgt Ion: 91 Resp: 1273850
Ion Ratio Lower Upper
91 100
106 29.2 25.1 37.7

Manual Integrations
APPROVED

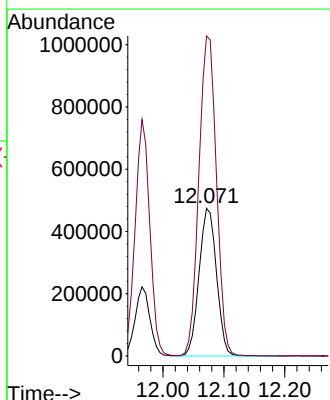
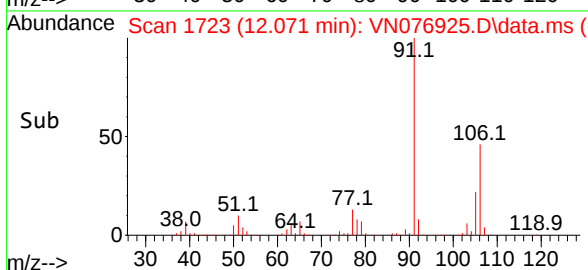
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

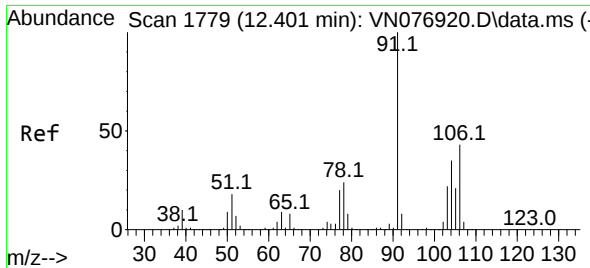


#68
m/p-Xylenes
Concen: 98.704 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN076925.D
Acq: 10 Mar 2023 15:17



Tgt Ion:106 Resp: 942618
Ion Ratio Lower Upper
106 100
91 218.4 158.0 237.0





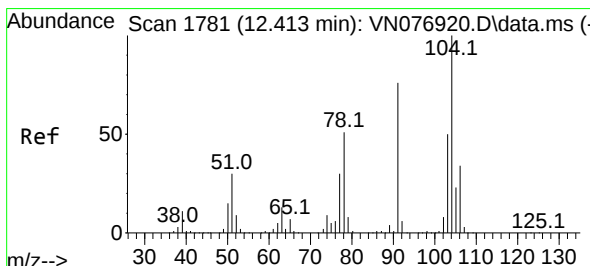
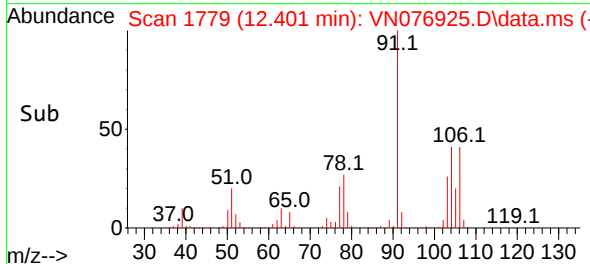
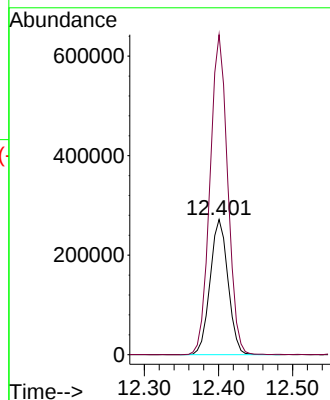
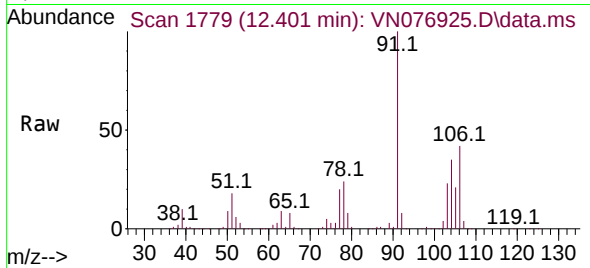
#69
o-Xylene
Concen: 49.155 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN076925.D
Acq: 10 Mar 2023 15:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 455730
Ion Ratio Lower Upper
106 100
91 234.2 101.8 305.4

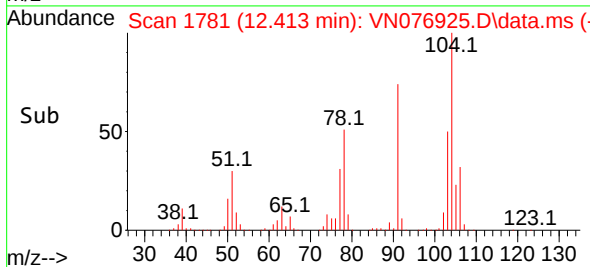
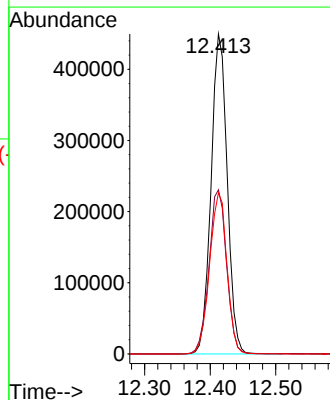
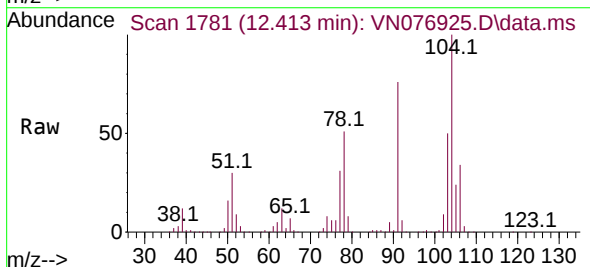
Manual Integrations
APPROVED

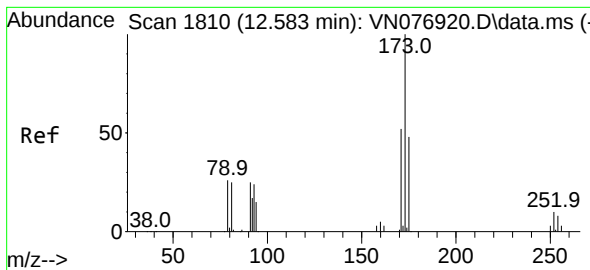
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#70
Styrene
Concen: 51.321 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN076925.D
Acq: 10 Mar 2023 15:17

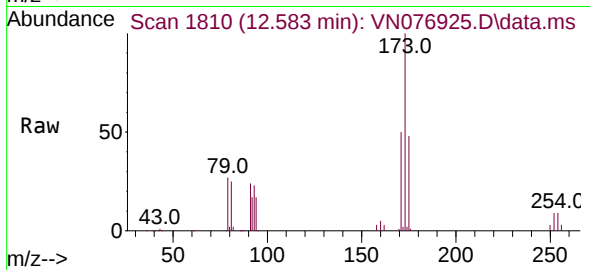
Tgt Ion:104 Resp: 768695
Ion Ratio Lower Upper
104 100
78 56.0 36.6 55.0#
103 54.2 43.4 65.0





#71
Bromoform
Concen: 50.445 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN076925.D
Acq: 10 Mar 2023 15:17

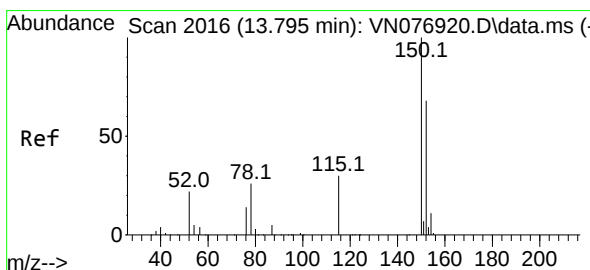
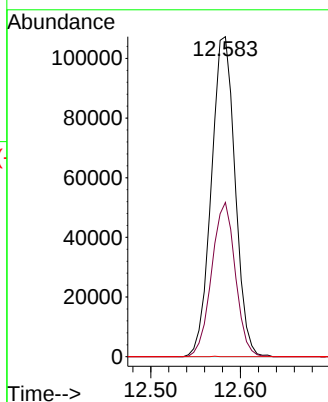
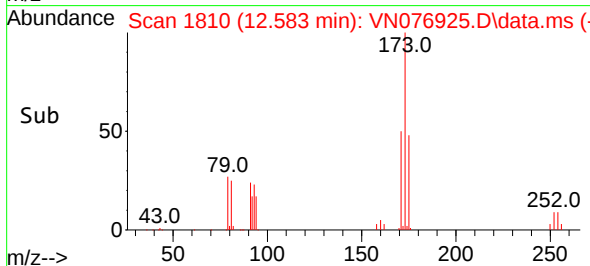
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



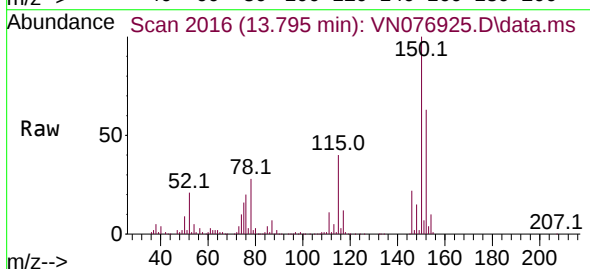
Tgt Ion:173 Resp: 197198
Ion Ratio Lower Upper
173 100
175 47.9 24.9 74.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

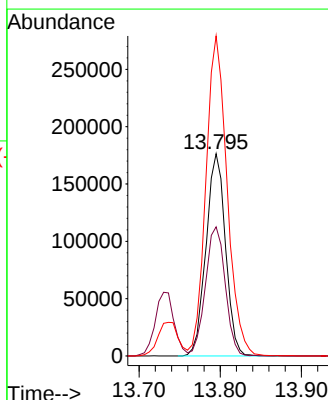
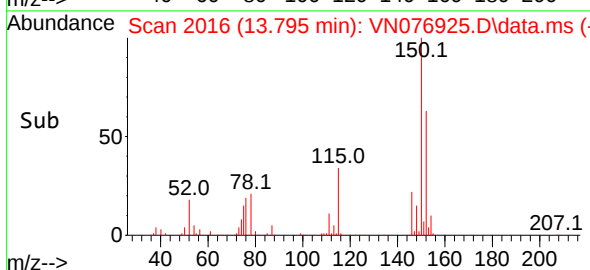
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

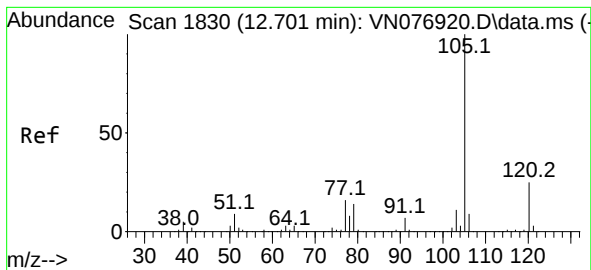


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN076925.D
Acq: 10 Mar 2023 15:17



Tgt Ion:152 Resp: 293709
Ion Ratio Lower Upper
152 100
115 65.1 30.3 90.9
150 172.1 0.0 353.6





#73

Isopropylbenzene

Concen: 48.283 ug/l

RT: 12.695 min Scan# 1829

Delta R.T. -0.006 min

Lab File: VN076925.D

Acq: 10 Mar 2023 15:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 126363

Ion Ratio Lower Upper

105 100

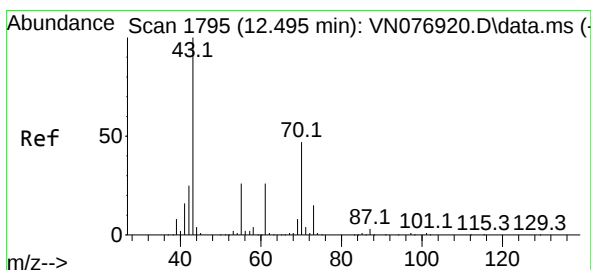
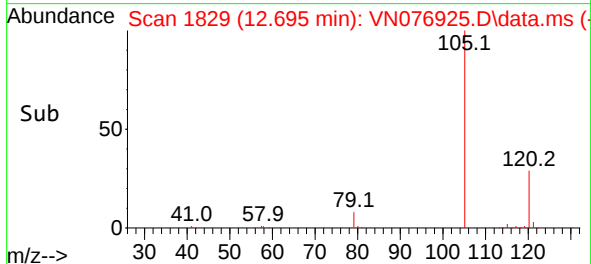
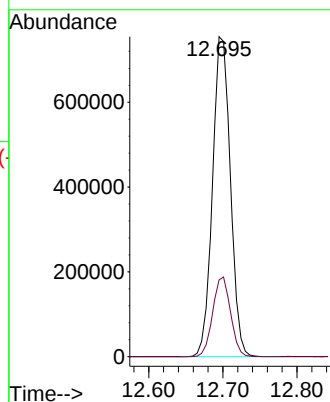
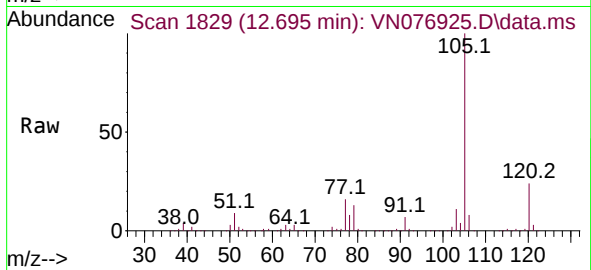
120 24.9 13.8 41.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#74

N-ethyl acetate

Concen: 47.802 ug/l

RT: 12.495 min Scan# 1795

Delta R.T. -0.000 min

Lab File: VN076925.D

Acq: 10 Mar 2023 15:17

Tgt Ion: 43 Resp: 414212

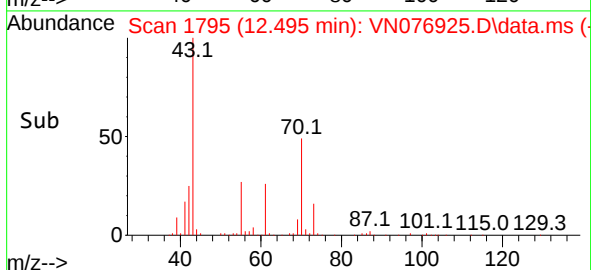
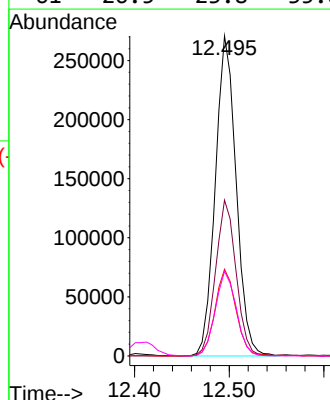
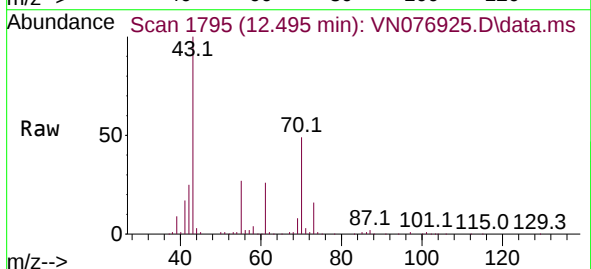
Ion Ratio Lower Upper

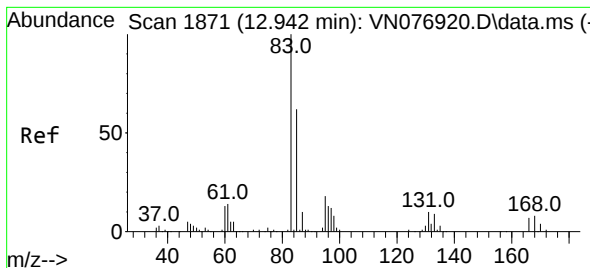
43 100

70 48.2 46.8 70.2

55 27.1 23.4 35.2

61 26.5 23.8 35.8





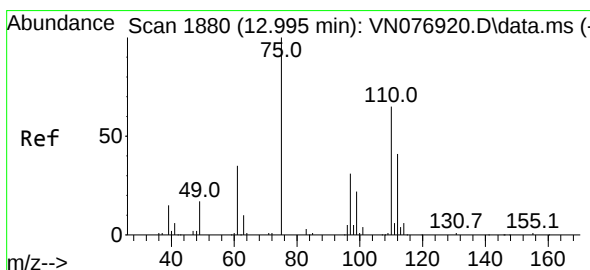
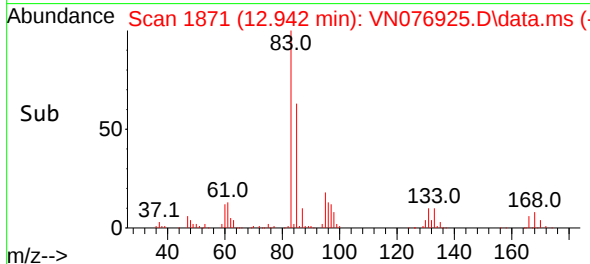
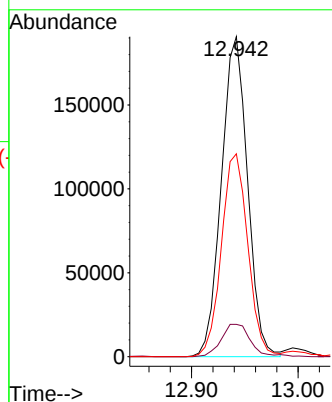
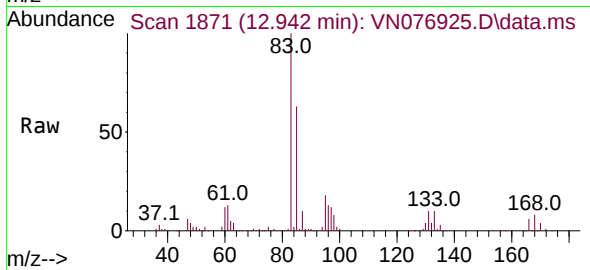
#75
1,1,2,2-Tetrachloroethane
Concen: 42.255 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN076925.D
Acq: 10 Mar 2023 15:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 325390
Ion Ratio Lower Upper
83 100
131 11.4 5.3 16.1
85 64.0 32.0 96.0

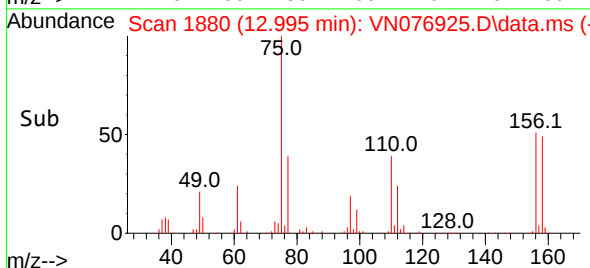
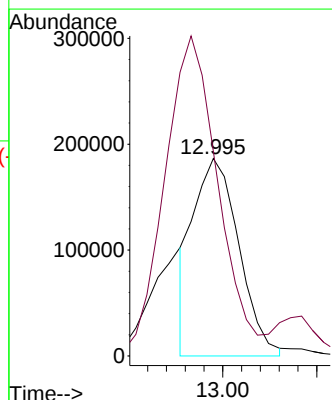
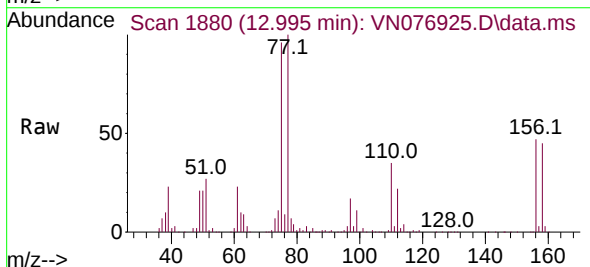
Manual Integrations
APPROVED

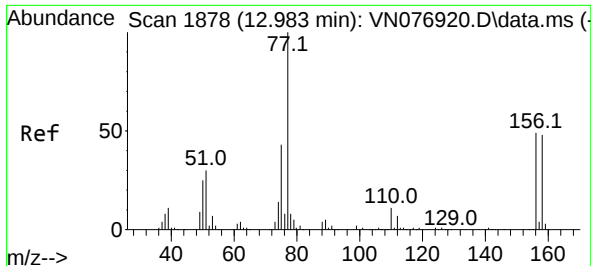
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#76
1,2,3-Trichloropropane
Concen: 43.906 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN076925.D
Acq: 10 Mar 2023 15:17

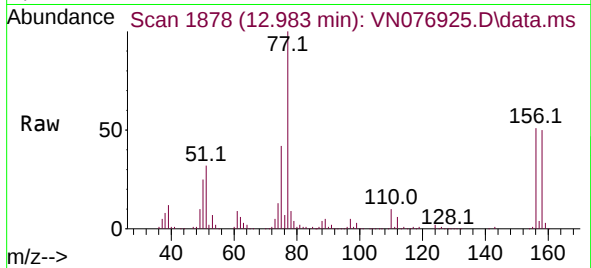
Tgt Ion: 75 Resp: 312646
Ion Ratio Lower Upper
75 100
77 189.7 93.8 281.4





#77
Bromobenzene
Concen: 46.406 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN076925.D
Acq: 10 Mar 2023 15:17

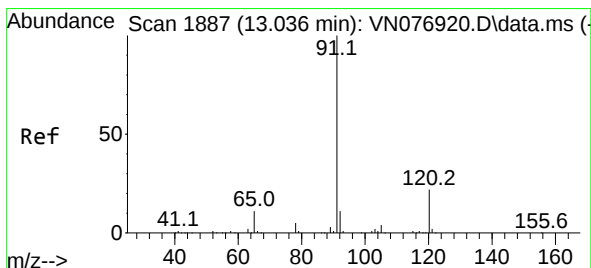
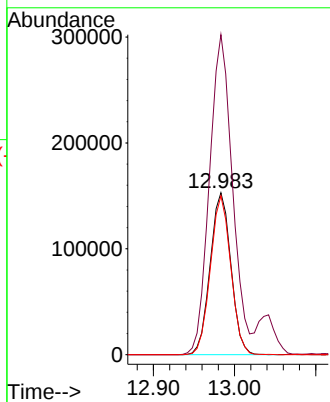
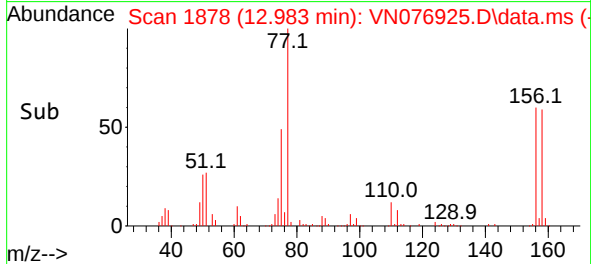
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 271511
Ion Ratio Lower Upper
156 100
77 218.4 101.3 303.7
158 96.1 48.9 146.7

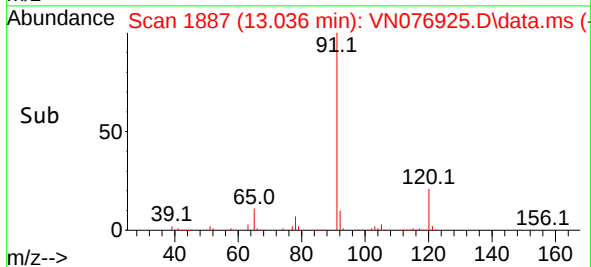
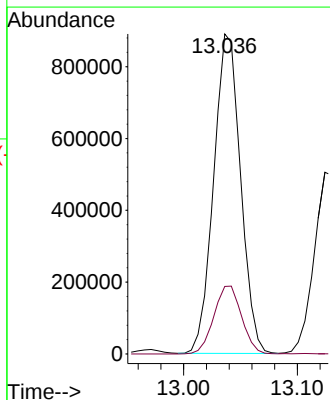
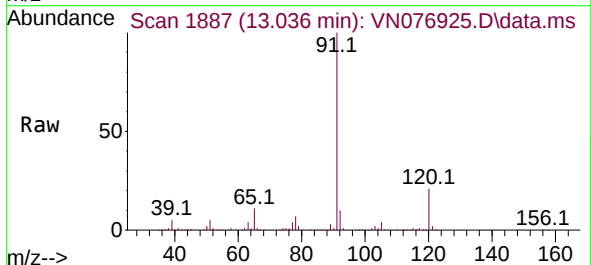
Manual Integrations
APPROVED

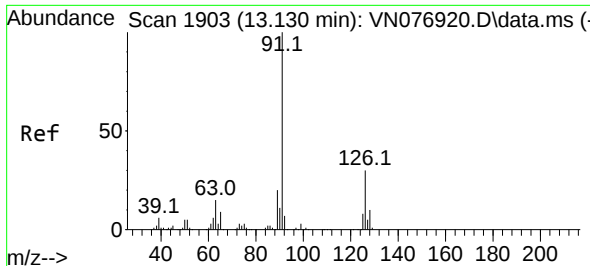
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#78
n-propylbenzene
Concen: 50.309 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.000 min
Lab File: VN076925.D
Acq: 10 Mar 2023 15:17

Tgt Ion: 91 Resp: 1466200
Ion Ratio Lower Upper
91 100
120 21.9 11.9 35.7





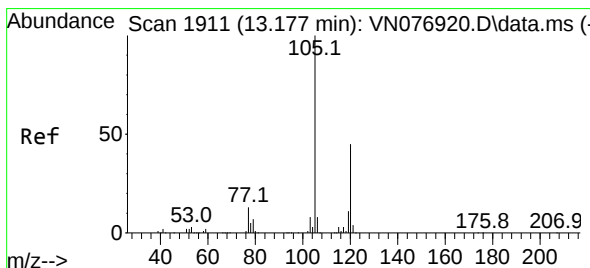
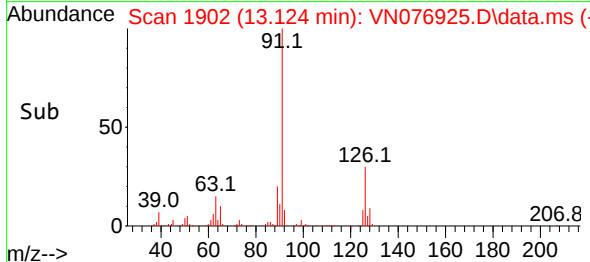
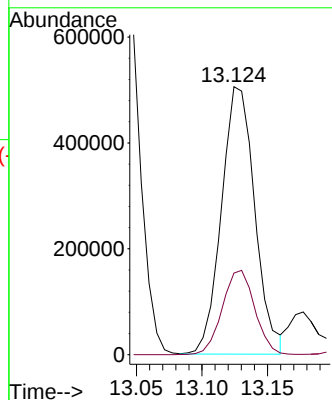
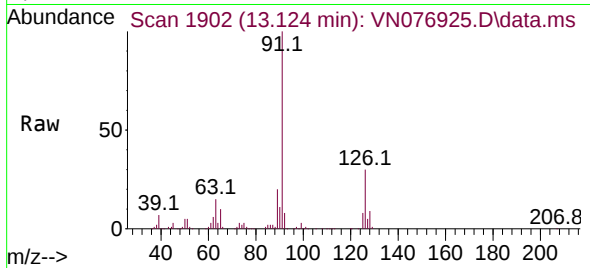
#79
2-Chlorotoluene
Concen: 47.285 ug/l
RT: 13.124 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VN076925.D
Acq: 10 Mar 2023 15:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 893638
Ion Ratio Lower Upper
91 100
126 30.8 17.7 53.1

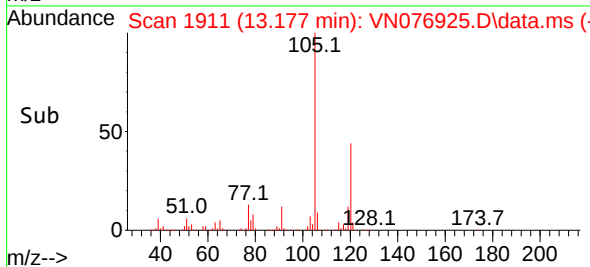
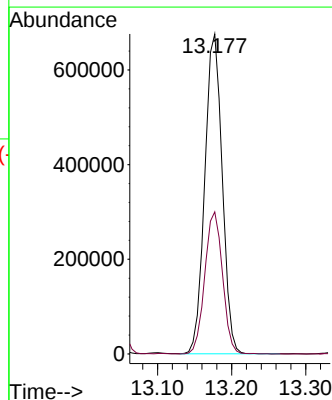
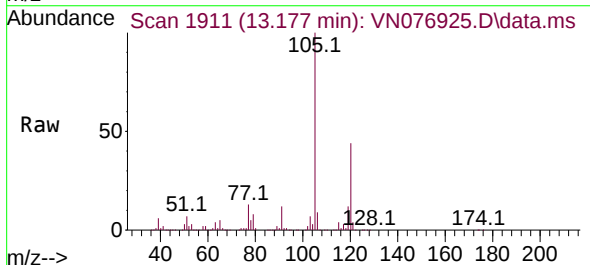
Manual Integrations
APPROVED

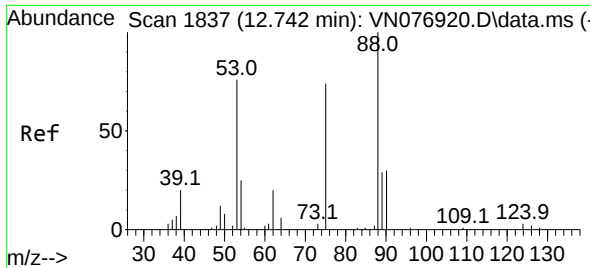
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#80
1,3,5-Trimethylbenzene
Concen: 49.582 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VN076925.D
Acq: 10 Mar 2023 15:17

Tgt Ion:105 Resp: 1105368
Ion Ratio Lower Upper
105 100
120 45.2 25.2 75.6





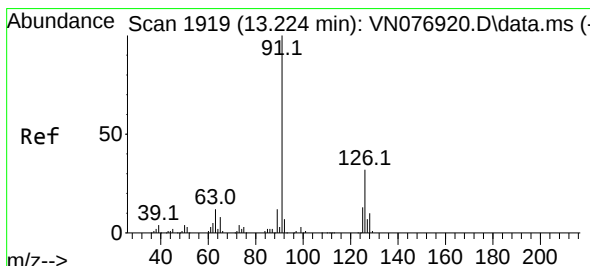
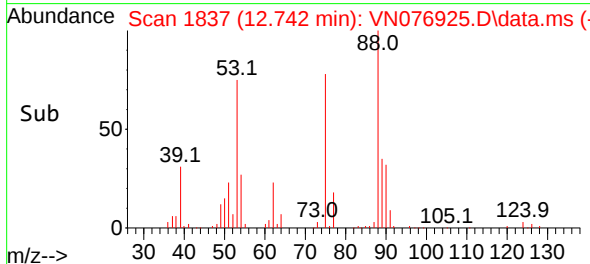
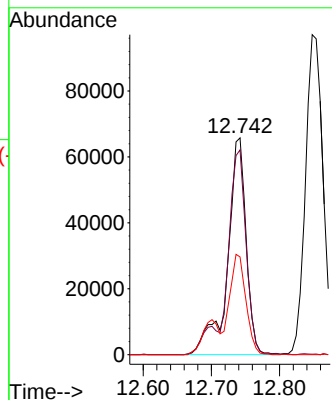
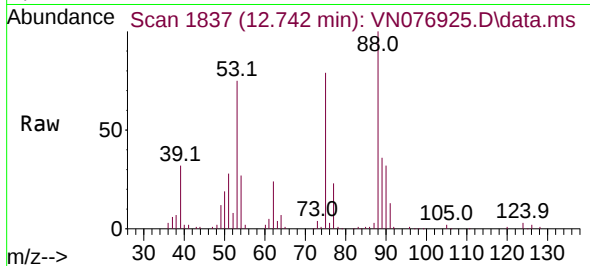
#81
trans-1,4-Dichloro-2-butene
Concen: 57.808 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. -0.000 min
Lab File: VN076925.D
Acq: 10 Mar 2023 15:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 126019
Ion Ratio Lower Upper
75 100
53 83.9 67.4 101.0
89 40.7 39.5 59.3

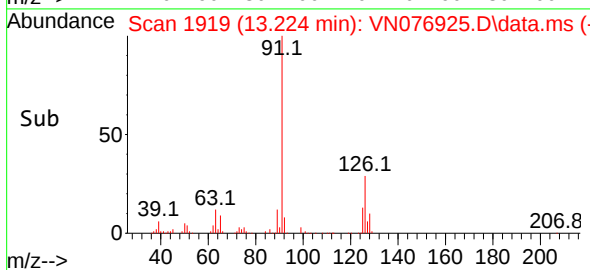
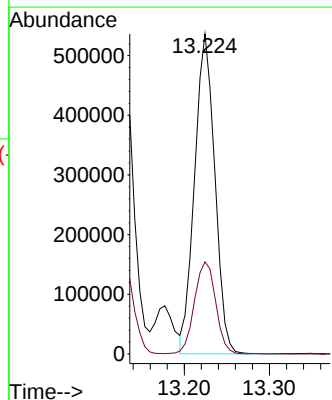
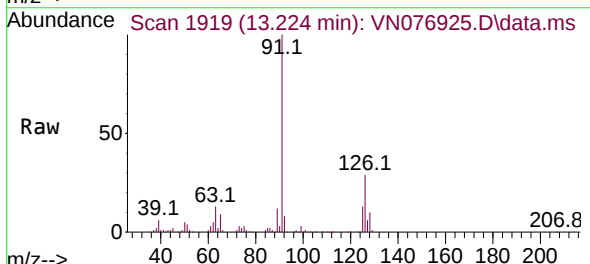
Manual Integrations
APPROVED

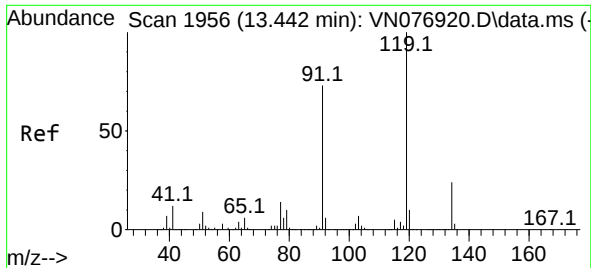
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#82
4-Chlorotoluene
Concen: 49.383 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VN076925.D
Acq: 10 Mar 2023 15:17

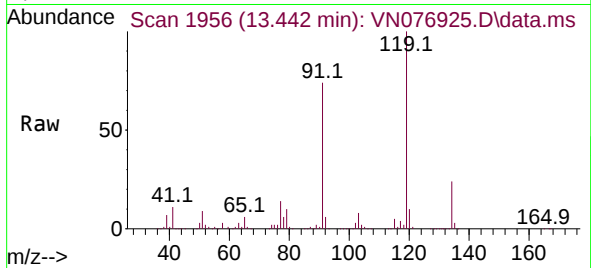
Tgt Ion: 91 Resp: 881890
Ion Ratio Lower Upper
91 100
126 30.4 18.0 54.0





#83
tert-Butylbenzene
Concen: 48.215 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN076925.D
Acq: 10 Mar 2023 15:17

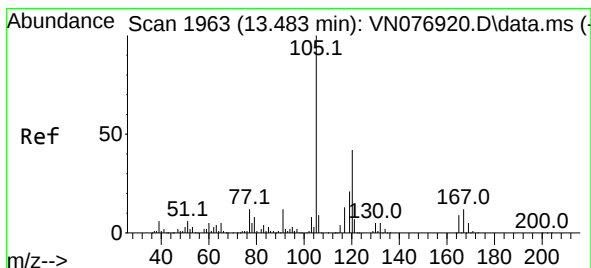
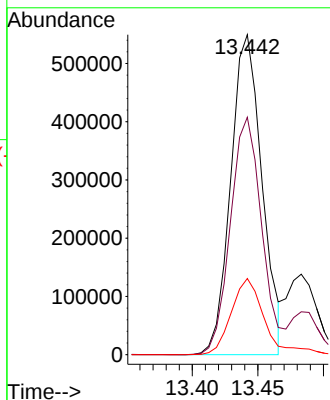
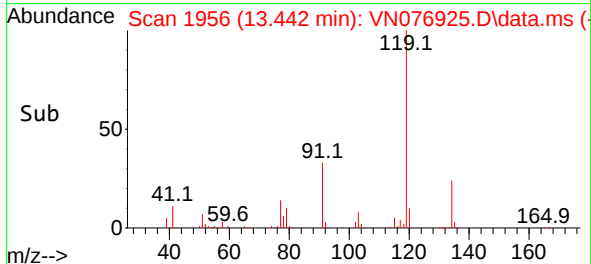
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:119 Resp: 913170
Ion Ratio Lower Upper
119 100
91 75.2 31.9 95.5
134 25.3 13.8 41.4

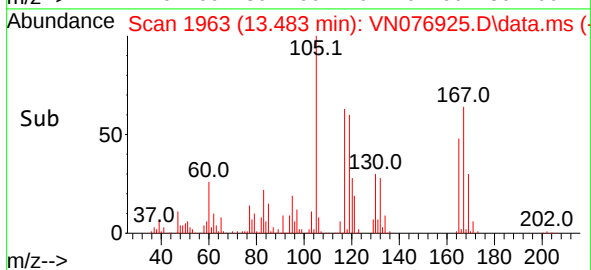
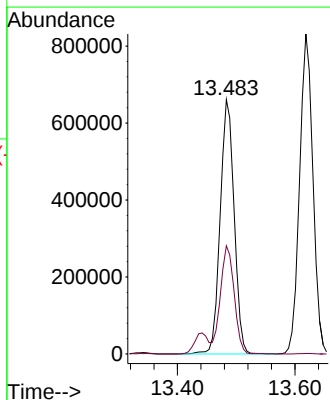
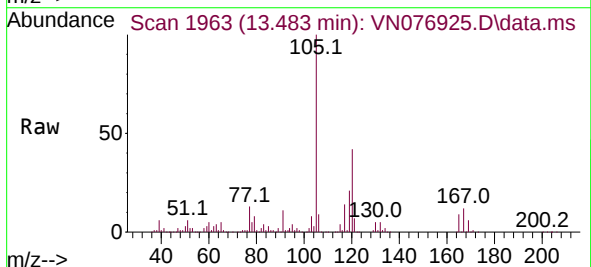
Manual Integrations
APPROVED

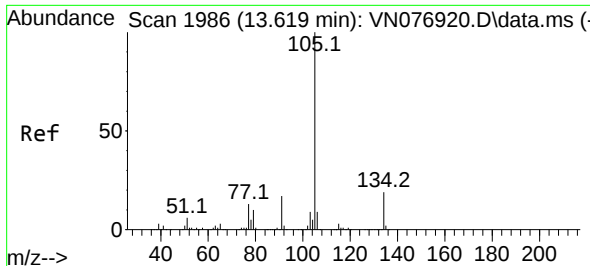
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#84
1,2,4-Trimethylbenzene
Concen: 48.771 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VN076925.D
Acq: 10 Mar 2023 15:17

Tgt Ion:105 Resp: 1087805
Ion Ratio Lower Upper
105 100
120 42.5 23.6 70.8





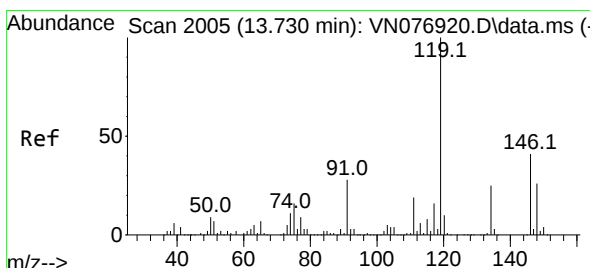
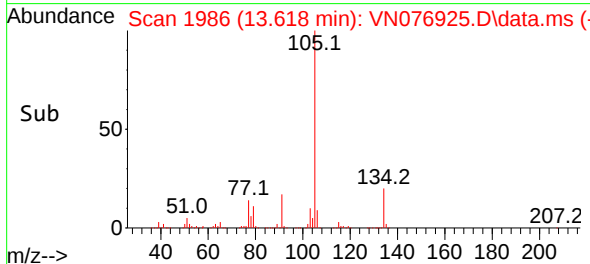
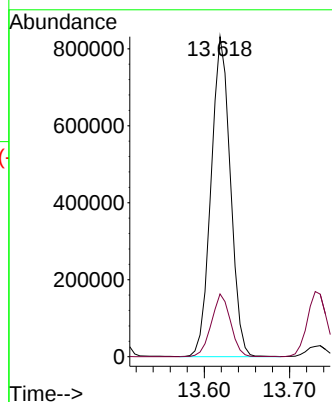
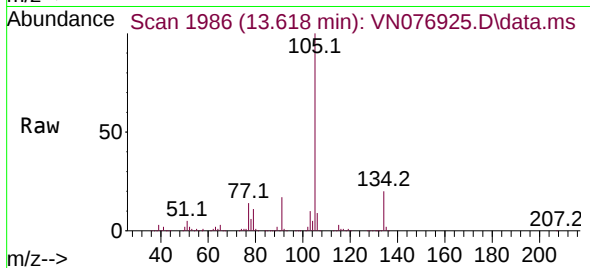
#85
 sec-Butylbenzene
 Concen: 50.415 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN076925.D
 Acq: 10 Mar 2023 15:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 1308834
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.4 31.2

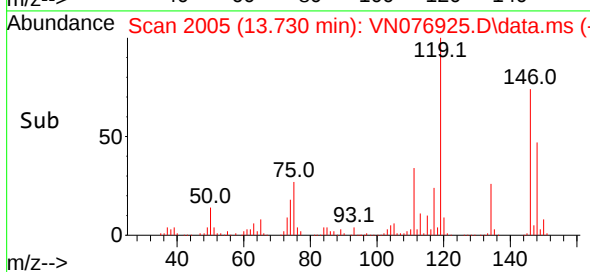
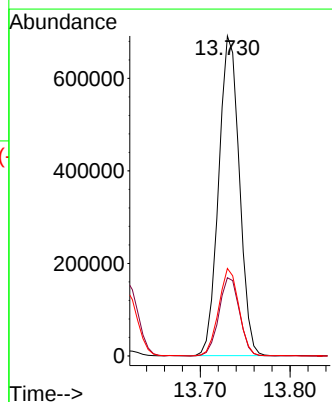
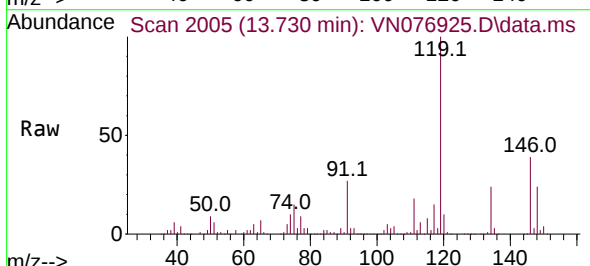
Manual Integrations
 APPROVED

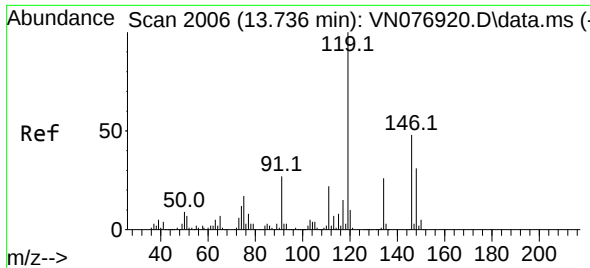
Reviewed By :John Carlone 03/13/2023
 Supervised By :Mahesh Dadoda 03/13/2023



#86
 p-Isopropyltoluene
 Concen: 52.700 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. -0.000 min
 Lab File: VN076925.D
 Acq: 10 Mar 2023 15:17

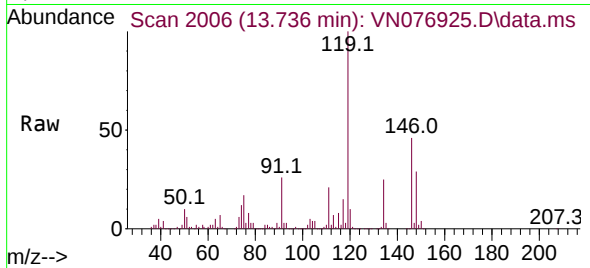
Tgt Ion:119 Resp: 1104834
 Ion Ratio Lower Upper
 119 100
 134 24.5 13.5 40.5
 91 26.7 11.2 33.6





#87
1,3-Dichlorobenzene
Concen: 47.476 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. -0.000 min
Lab File: VN076925.D
Acq: 10 Mar 2023 15:17

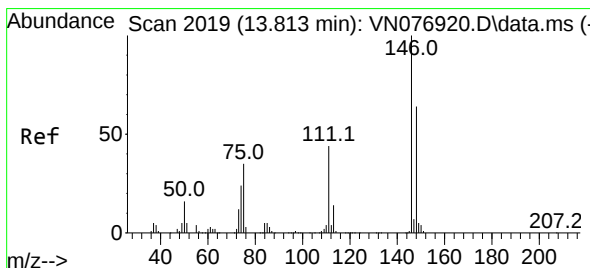
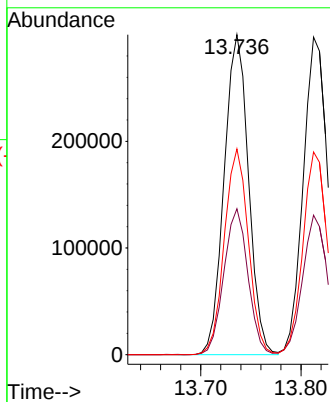
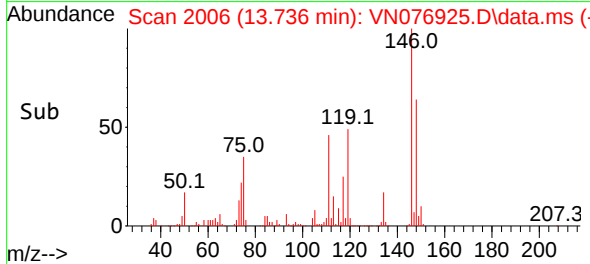
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



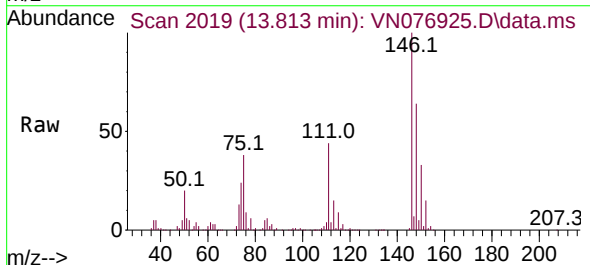
Tgt Ion:146 Resp: 50624
Ion Ratio Lower Upper
146 100
111 45.0 20.4 61.2
148 63.3 31.5 94.5

Manual Integrations
APPROVED

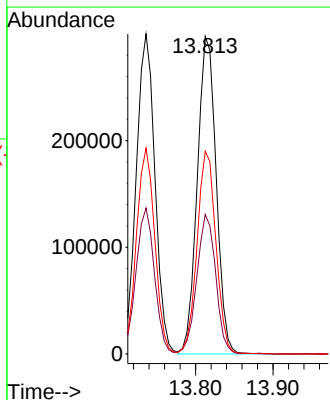
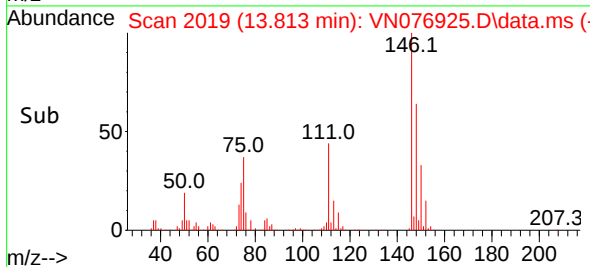
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

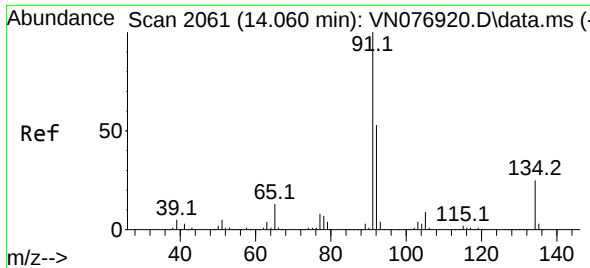


#88
1,4-Dichlorobenzene
Concen: 47.160 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VN076925.D
Acq: 10 Mar 2023 15:17



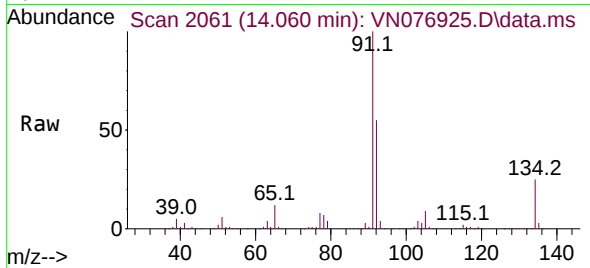
Tgt Ion:146 Resp: 504453
Ion Ratio Lower Upper
146 100
111 43.7 20.0 60.0
148 63.8 31.8 95.4





#89
n-Butylbenzene
Concen: 54.246 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN076925.D
Acq: 10 Mar 2023 15:17

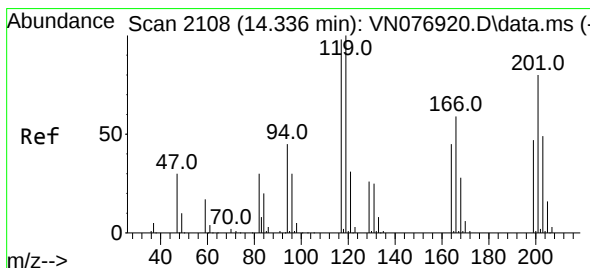
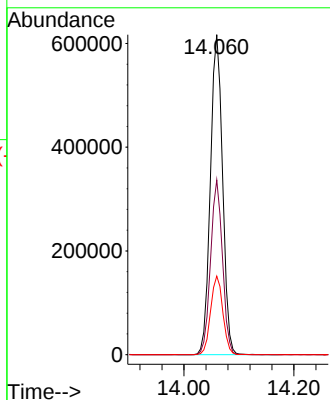
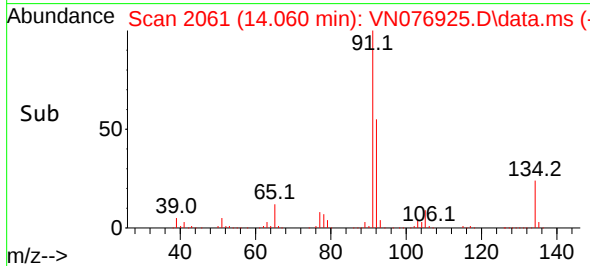
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 948994
Ion Ratio Lower Upper
91 100
92 53.3 26.6 79.7
134 24.7 13.6 40.7

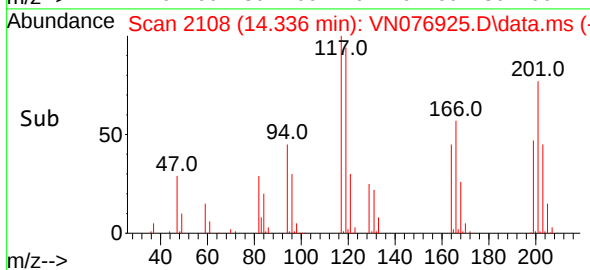
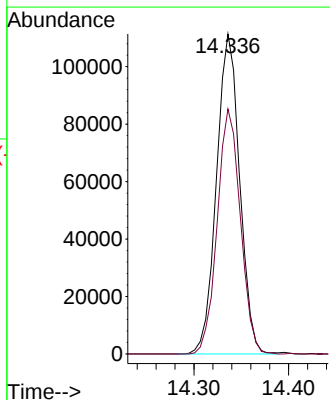
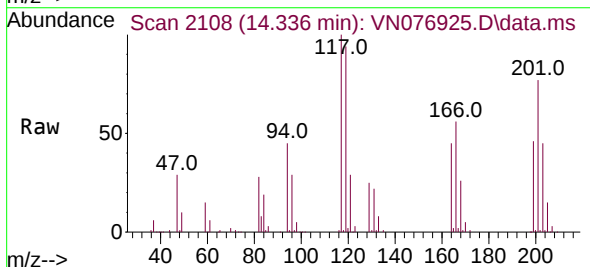
Manual Integrations
APPROVED

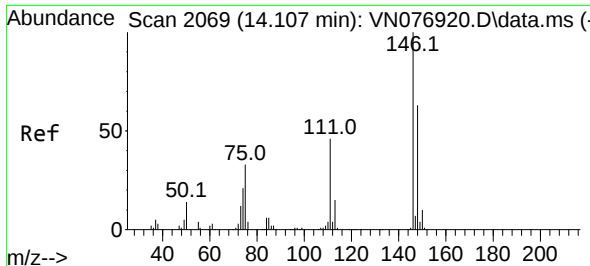
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#90
Hexachloroethane
Concen: 47.028 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VN076925.D
Acq: 10 Mar 2023 15:17

Tgt Ion:117 Resp: 189445
Ion Ratio Lower Upper
117 100
201 76.4 31.9 95.7





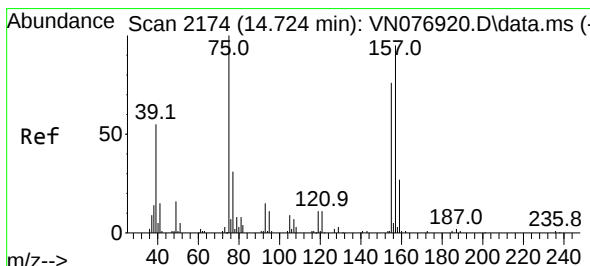
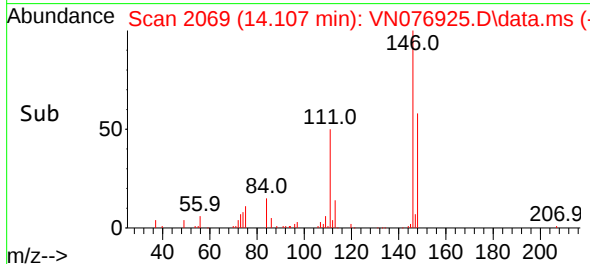
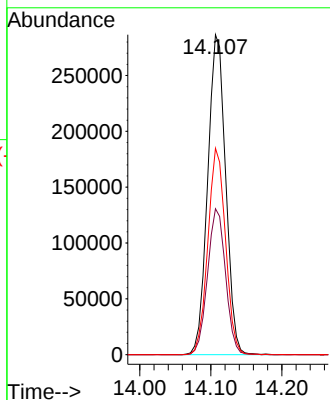
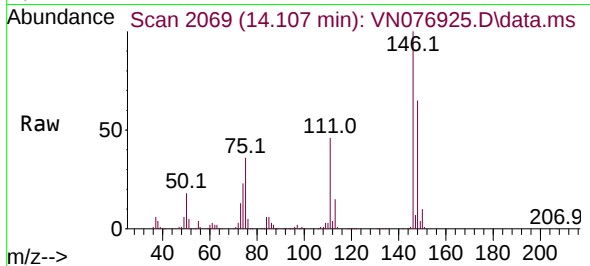
#91
1,2-Dichlorobenzene
Concen: 47.053 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN076925.D
Acq: 10 Mar 2023 15:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 50402
Ion Ratio Lower Upper
146 100
111 45.7 21.4 64.2
148 63.4 32.0 96.0

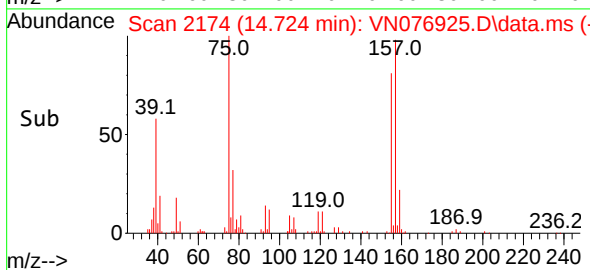
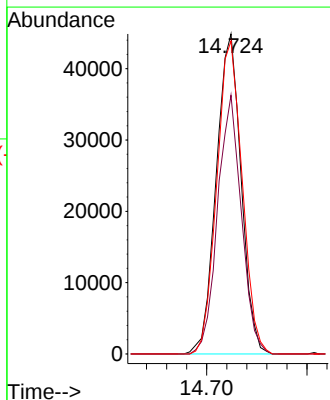
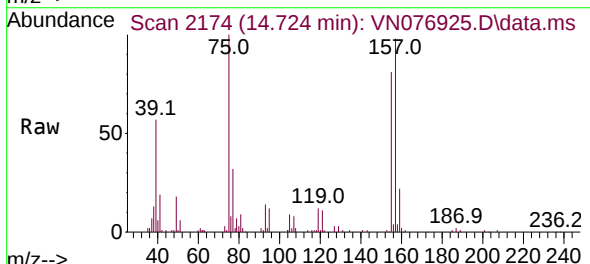
Manual Integrations
APPROVED

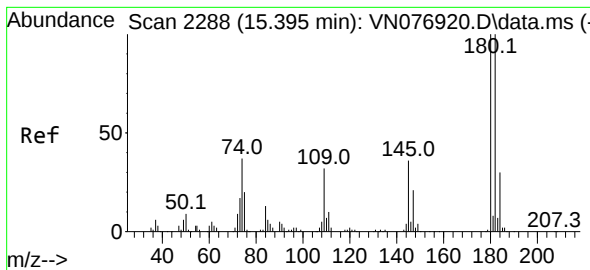
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.214 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. -0.000 min
Lab File: VN076925.D
Acq: 10 Mar 2023 15:17

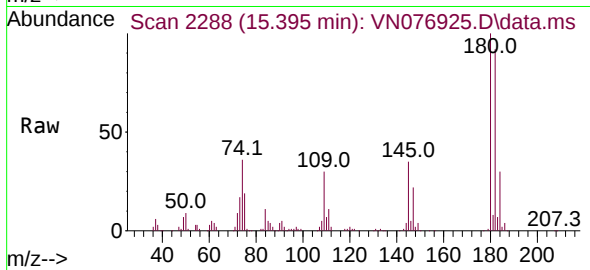
Tgt Ion: 75 Resp: 76874
Ion Ratio Lower Upper
75 100
155 77.5 44.3 132.8
157 99.9 58.3 174.8





#93
1,2,4-Trichlorobenzene
Concen: 51.363 ug/l
RT: 15.395 min Scan# 2288
Delta R.T. -0.000 min
Lab File: VN076925.D
Acq: 10 Mar 2023 15:17

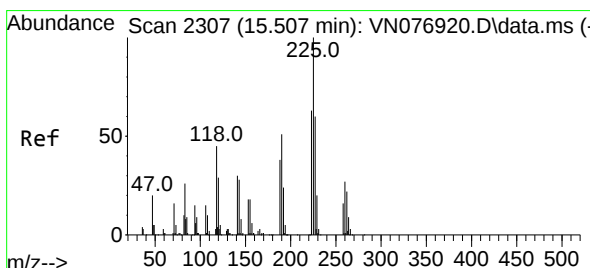
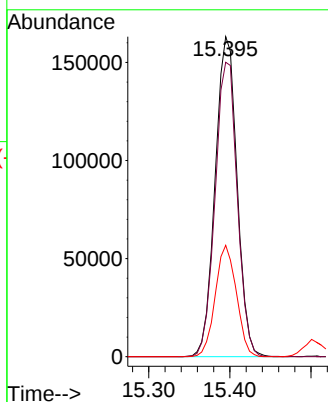
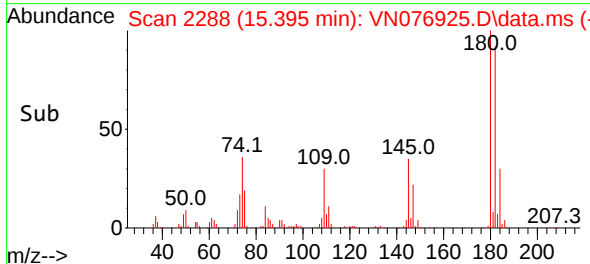
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:180 Resp: 305832
Ion Ratio Lower Upper
180 100
182 93.2 47.4 142.2
145 33.6 15.8 47.3

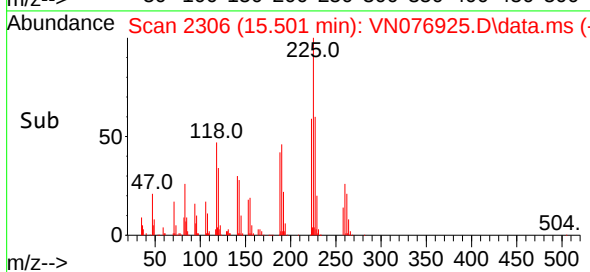
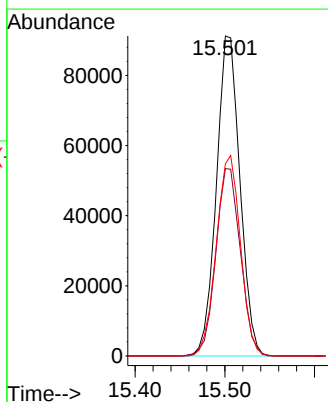
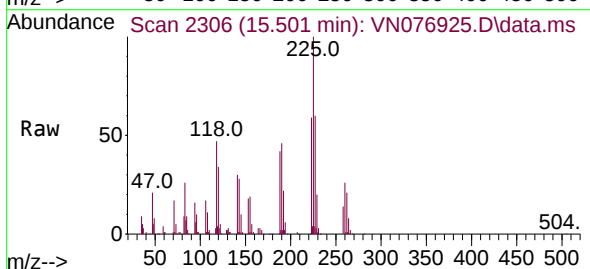
Manual Integrations
APPROVED

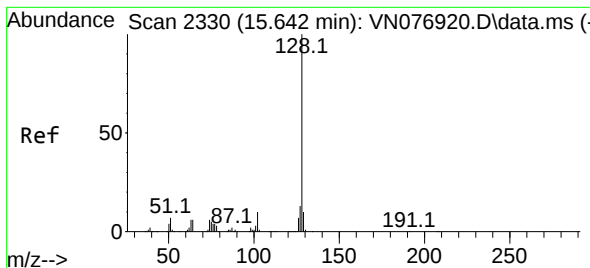
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#94
Hexachlorobutadiene
Concen: 52.445 ug/l
RT: 15.501 min Scan# 2306
Delta R.T. -0.006 min
Lab File: VN076925.D
Acq: 10 Mar 2023 15:17

Tgt Ion:225 Resp: 166376
Ion Ratio Lower Upper
225 100
223 61.0 31.4 94.0
227 64.2 30.9 92.7





#95

Naphthalene

Concen: 50.966 ug/l

RT: 15.642 min Scan# 2330

Delta R.T. -0.000 min

Lab File: VN076925.D

Acq: 10 Mar 2023 15:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

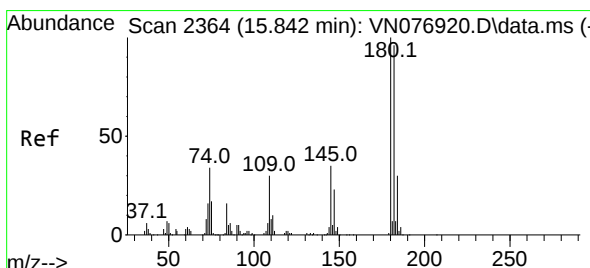
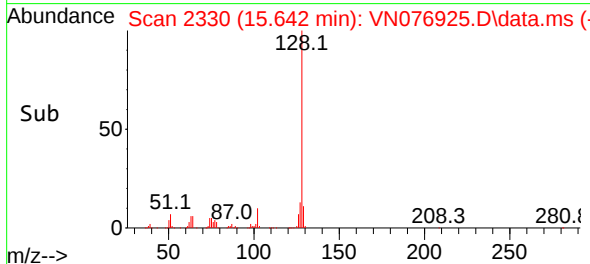
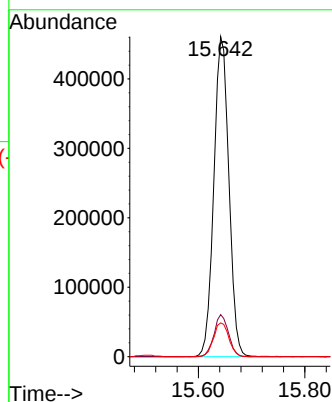
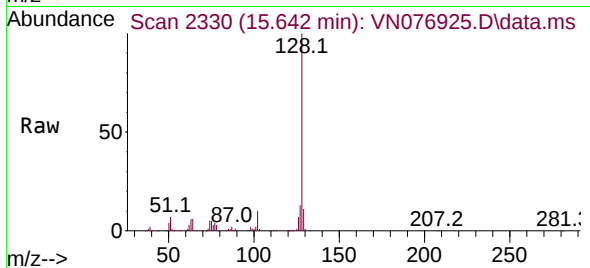
Tgt Ion:128	Resp: 90349
Ion Ratio	Lower Upper
128 100	
127 12.7	10.2 15.4
129 10.8	8.9 13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#96

1,2,3-Trichlorobenzene

Concen: 50.340 ug/l

RT: 15.842 min Scan# 2364

Delta R.T. -0.000 min

Lab File: VN076925.D

Acq: 10 Mar 2023 15:17

Tgt Ion:180	Resp: 291066
Ion Ratio	Lower Upper
180 100	
182 95.6	47.7 143.1
145 35.8	17.0 51.0

